

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003284.D
 Acq On : 10 Jul 2018 15:15
 Operator : JC/MD
 Sample : VX0710MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:26 PM

Quant Time: Jul 10 16:51:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188562	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.51	113	157082	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	8.72	98	586030	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	213138	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76826	20.72	ug/l	97
3) Chloromethane	1.32	50	63884	18.95	ug/l	99
4) Vinyl Chloride	1.40	62	64794	18.72	ug/l	100
5) Bromomethane	1.64	94	22791	22.18	ug/l	98
6) Chloroethane	1.72	64	36824	19.20	ug/l	97
7) Trichlorofluoromethane	1.93	101	98351	19.12	ug/l	98
8) Diethyl Ether	2.19	74	33673	18.11	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56484	18.75	ug/l	96
10) Methyl Iodide	2.51	142	45390	17.76	ug/l	97
11) Tert butyl alcohol	3.08	59	73329	105.35	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49950	18.22	ug/l	93
13) Acrolein	2.30	56	46497	82.90	ug/l	100
14) Allyl chloride	2.73	41	92531	18.22	ug/l	96
15) Acrylonitrile	3.15	53	151905	97.74	ug/l	99
16) Acetone	2.45	43	132409	97.14	ug/l	95
17) Carbon Disulfide	2.57	76	128800	16.91	ug/l	97
18) Methyl Acetate	2.78	43	82249	21.39	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	172543	18.84	ug/l	100
20) Methylene Chloride	2.86	84	55812	19.55	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	54749	18.74	ug/l	92
22) Diisopropyl ether	3.88	45	184106	17.82	ug/l	98
23) Vinyl Acetate	3.83	43	800145	91.23	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103140	19.18	ug/l	98
25) 2-Butanone	4.72	43	249772	103.56	ug/l	96
26) 2,2-Dichloropropane	4.59	77	87350	18.57	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	68006	18.94	ug/l	93
28) Bromochloromethane	5.03	49	53632	19.80	ug/l	89
29) Tetrahydrofuran	5.17	42	158335	101.15	ug/l	96
30) Chloroform	5.22	83	115051	19.45	ug/l	99
31) Cyclohexane	5.57	56	96918	19.25	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	100290	19.22	ug/l	98
36) 1,1-Dichloropropene	5.80	75	82554	19.15	ug/l	98
37) Ethyl Acetate	4.87	43	94467	19.99	ug/l	99
38) Carbon Tetrachloride	5.78	117	88425	18.75	ug/l	99

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jul 10 16:51:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95383	18.78	ug/l	97
40) Benzene	6.15	78	251853	19.71	ug/l	100
41) Methacrylonitrile	5.07	41	53031	20.49	ug/l	96
42) 1,2-Dichloroethane	6.21	62	91581	19.19	ug/l	97
43) Isopropyl Acetate	6.48	43	145410	19.59	ug/l	97
44) Trichloroethene	7.22	130	73938	19.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	63805	19.21	ug/l	98
46) Dibromomethane	7.67	93	43886	19.38	ug/l	94
47) Bromodichloromethane	7.90	83	77854	18.64	ug/l	99
48) Methyl methacrylate	7.79	41	74682	19.62	ug/l	94
49) 1,4-Dioxane	7.76	88	32320	406.08	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	482490	104.42	ug/l	97
52) Toluene	8.79	92	159484	19.75	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	93433	19.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83560	18.68	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	65155	19.45	ug/l	97
56) Ethyl methacrylate	9.18	69	89576	19.52	ug/l	92
57) 1,3-Dichloropropane	9.38	76	105592	19.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	239760	108.31	ug/l	96
59) 2-Hexanone	9.50	43	373457	106.41	ug/l	96
60) Dibromochloromethane	9.59	129	64165	18.34	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68508	19.51	ug/l	99
64) Tetrachloroethene	9.34	164	85365	20.08	ug/l	99
65) Chlorobenzene	10.14	112	182823	19.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	66739	19.36	ug/l	99
67) Ethyl Benzene	10.26	91	301363	19.50	ug/l	100
68) m/p-Xylenes	10.36	106	235608	39.19	ug/l	99
69) o-Xylene	10.70	106	112709	19.35	ug/l	98
70) Styrene	10.71	104	185691	19.66	ug/l	98
71) Bromoform	10.86	173	50004	17.63	ug/l #	100
73) Isopropylbenzene	11.02	105	310827	19.67	ug/l	99
74) N-amyl acetate	6.48	43	145410	19.29	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	96387	19.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83709m	19.36	ug/l	
77) Bromobenzene	11.26	156	88619	19.43	ug/l	95
78) n-propylbenzene	11.37	91	350113	19.93	ug/l	98
79) 2-Chlorotoluene	11.43	91	209751	19.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	259964	19.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22622	17.10	ug/l	93
82) 4-Chlorotoluene	11.51	91	245856	19.68	ug/l	99
83) tert-Butylbenzene	11.77	119	251485	19.14	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	265621	19.72	ug/l	97
85) sec-Butylbenzene	11.95	105	304515	19.61	ug/l	100
86) p-Isopropyltoluene	12.07	119	275874	19.50	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	158309	18.92	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	159884	18.87	ug/l	99
89) n-Butylbenzene	12.39	91	225196	19.05	ug/l	99
90) Hexachloroethane	12.60	117	36176	16.74	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	160016	19.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20116	19.13	ug/l	94

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

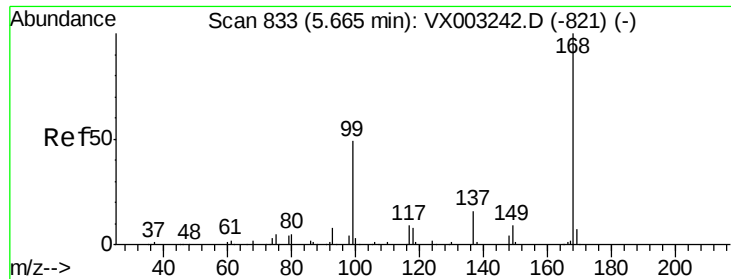
Manual Integrations
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7/11/2018 3:09:26 PM

Quant Time: Jul 10 16:51:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114240	18.68	ug/l	99
94) Hexachlorobutadiene	13.79	225	57014	18.73	ug/l	99
95) Naphthalene	13.84	128	318964	19.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121223	19.88	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

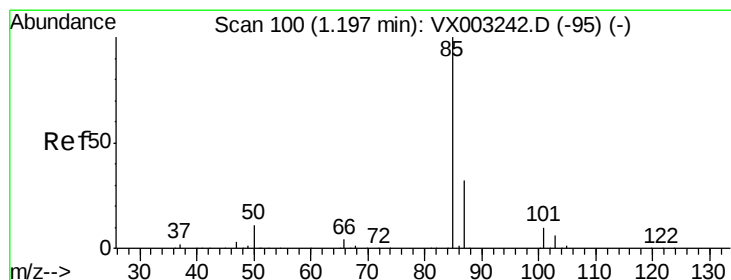
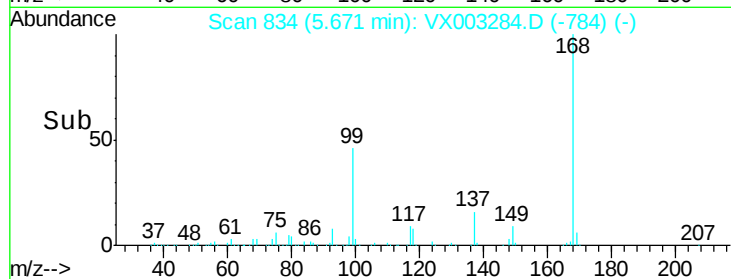
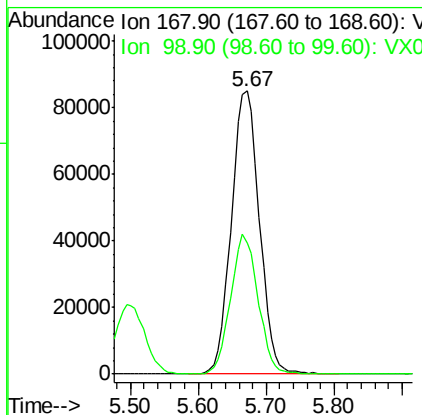
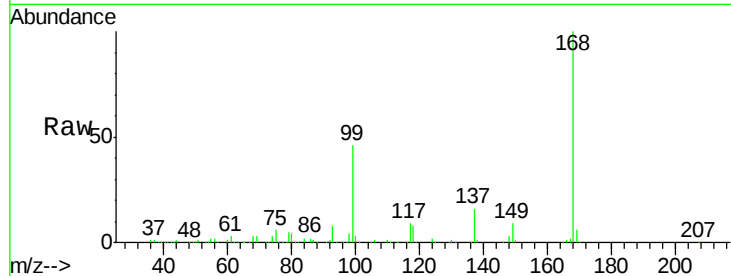
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	46.0	39.3	58.9

Manual Integrations
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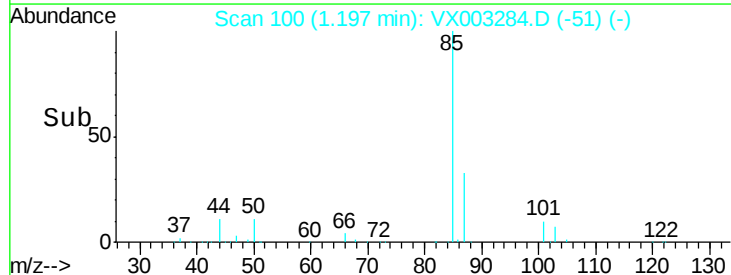
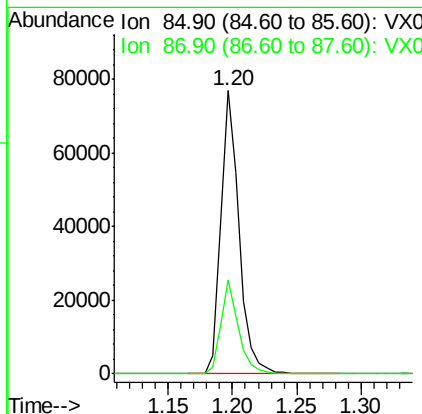
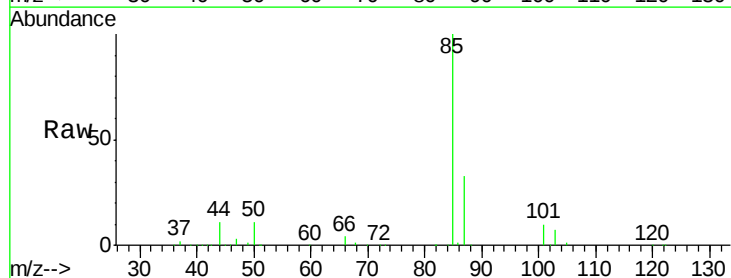
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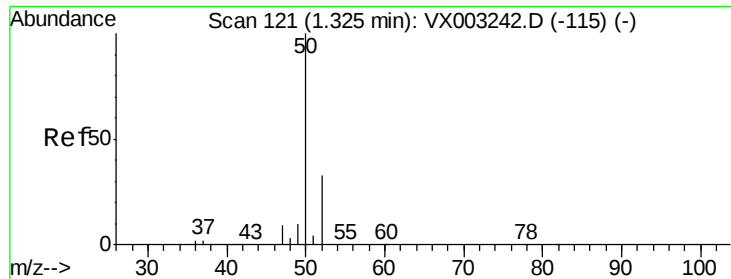


#2

Dichlorodifluoromethane
 Concen: 20.72 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.0	47.9





#3

Chloromethane

Concen: 18.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 50 Resp: 63884

Ion Ratio Lower Upper

50 100

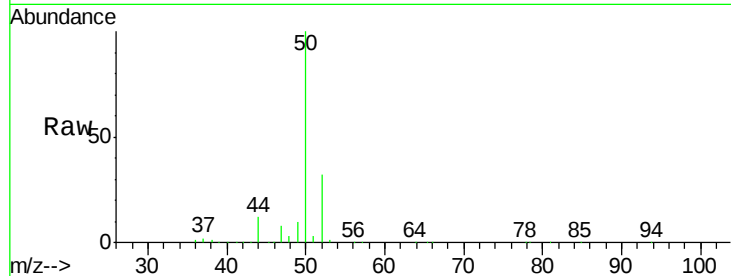
52 31.6 25.7 38.5

Manual Integrations

APPROVED

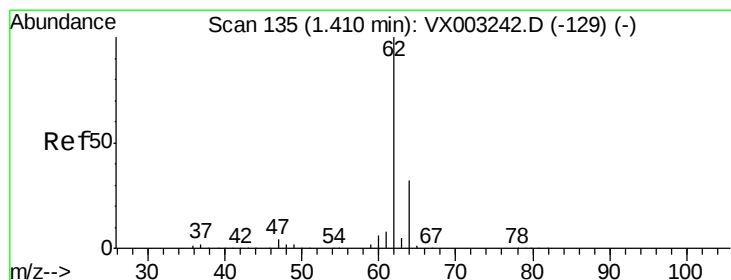
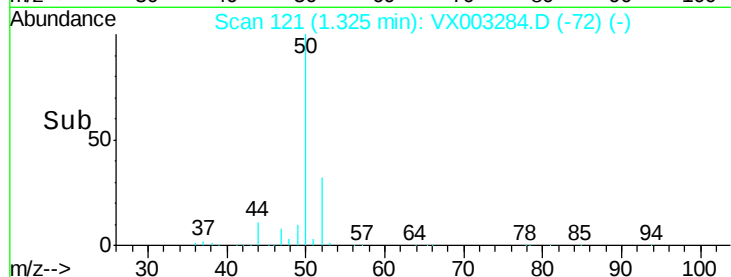
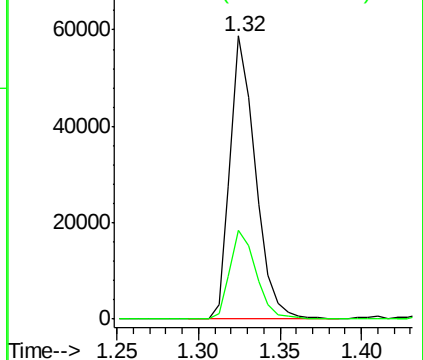
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.72 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003284.D

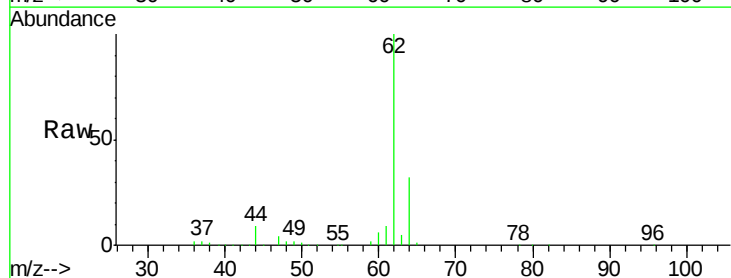
Acq: 10 Jul 2018 15:15

Tgt Ion: 62 Resp: 64794

Ion Ratio Lower Upper

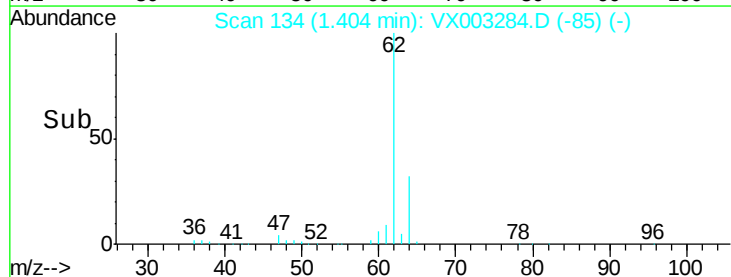
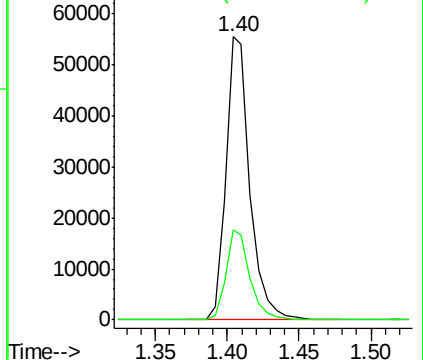
62 100

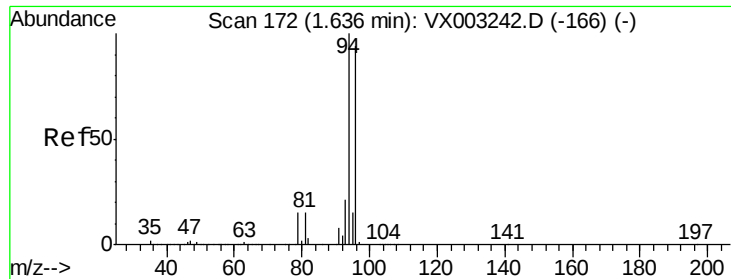
64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.18 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 94 Resp: 22791

Ion Ratio Lower Upper

94 100

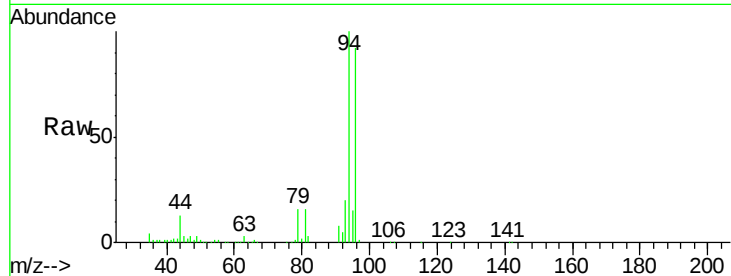
96 91.9 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

5000

0

Time-->

1.60

1.65

1.64

1.65

1.66

1.67

1.68

1.69

1.70

1.71

1.72

1.73

1.74

1.75

1.76

1.77

1.78

1.79

1.80

1.81

1.82

1.83

1.84

1.85

1.86

1.87

1.88

1.89

1.90

1.91

1.92

1.93

1.94

1.95

1.96

1.97

1.98

1.99

2.00

2.01

2.02

2.03

2.04

2.05

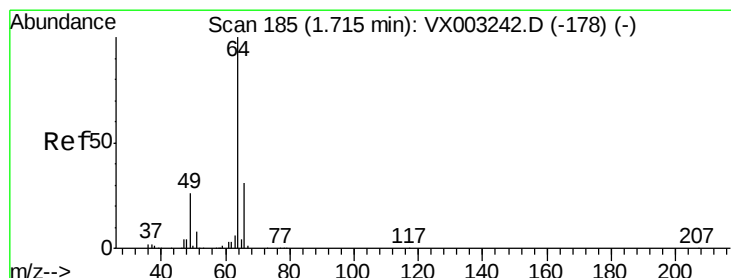
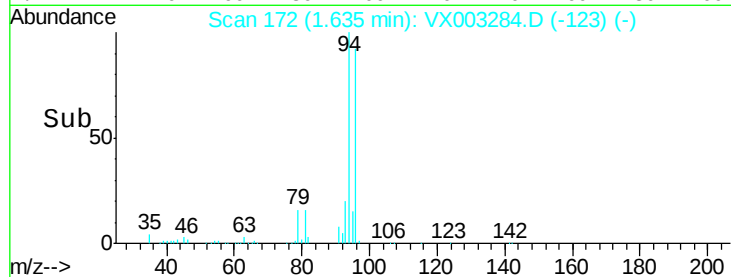
2.06

2.07

2.08

2.09

2.10



#6

Chloroethane

Concen: 19.20 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003284.D

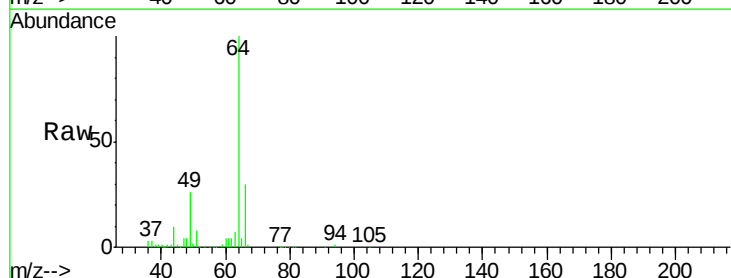
Acq: 10 Jul 2018 15:15

Tgt Ion: 64 Resp: 36824

Ion Ratio Lower Upper

64 100

66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

15000

10000

5000

0

Time-->

1.60

1.65

1.70

1.75

1.80

1.85

1.90

1.95

2.00

2.05

2.10

2.15

2.20

2.25

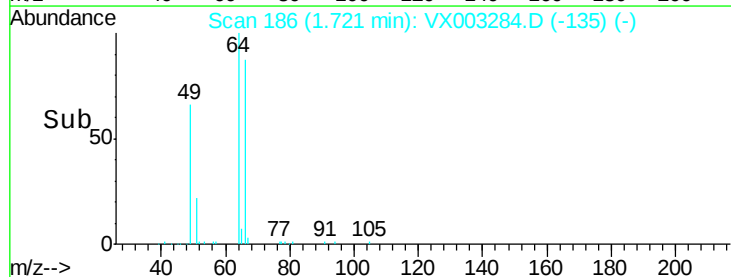
2.30

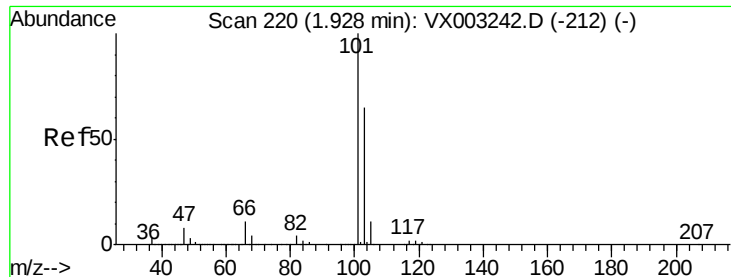
2.35

2.40

2.45

2.50





#7

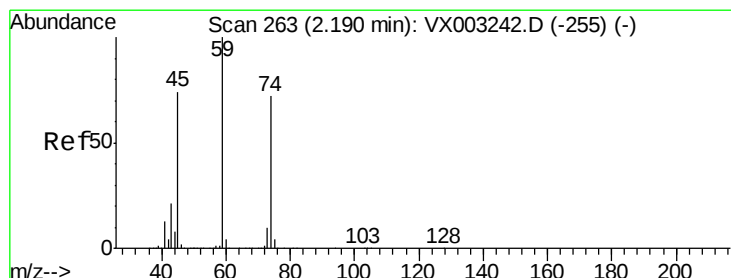
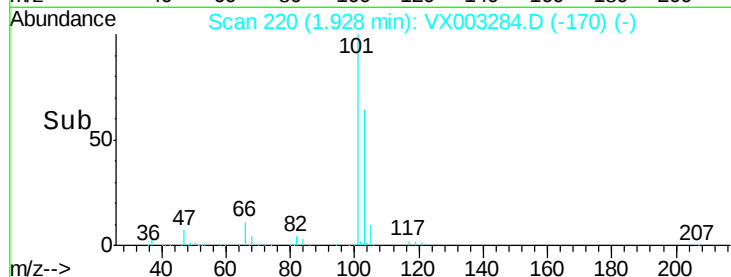
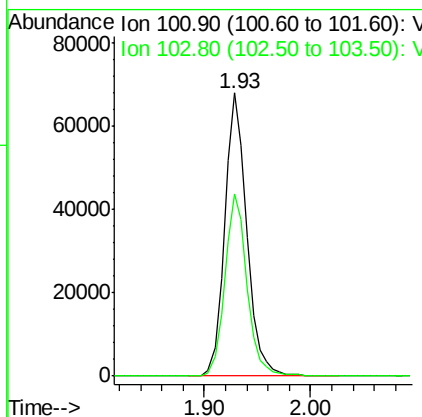
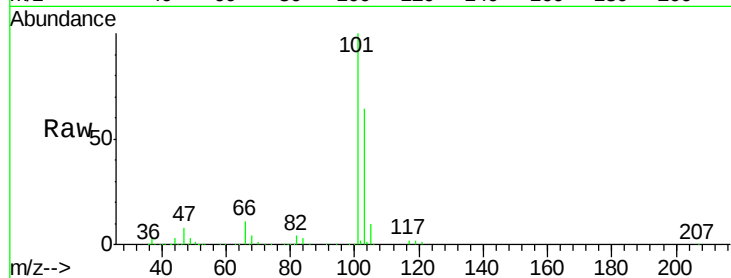
Trichlorofluoromethane
 Concen: 19.12 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.8	79.2

Manual Integrations
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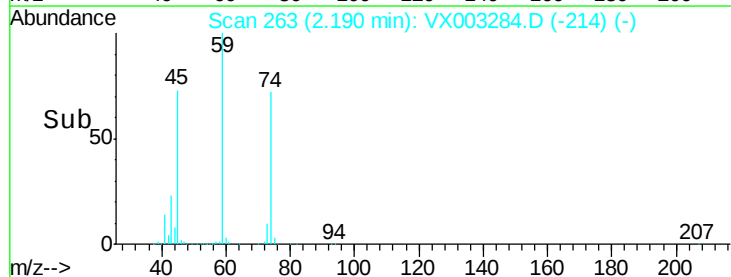
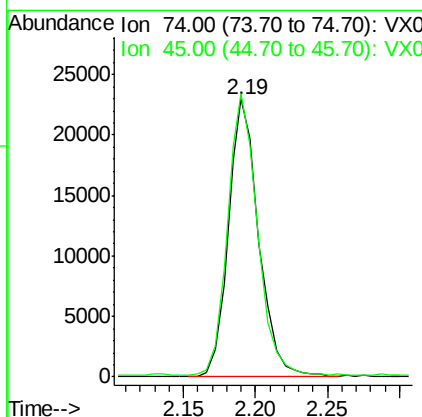
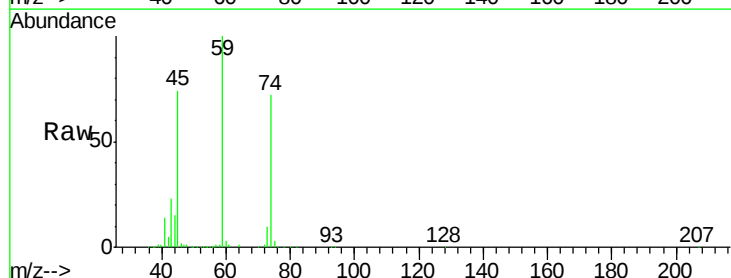
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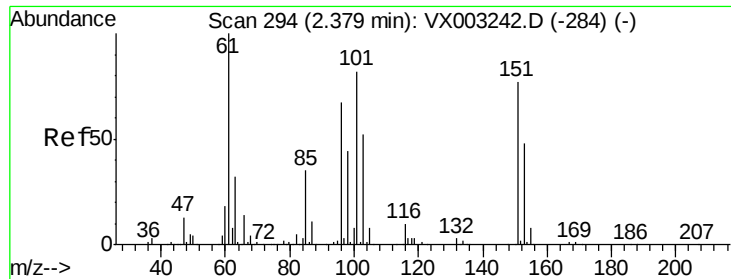


#8

Diethyl Ether
 Concen: 18.11 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	53.1	159.4





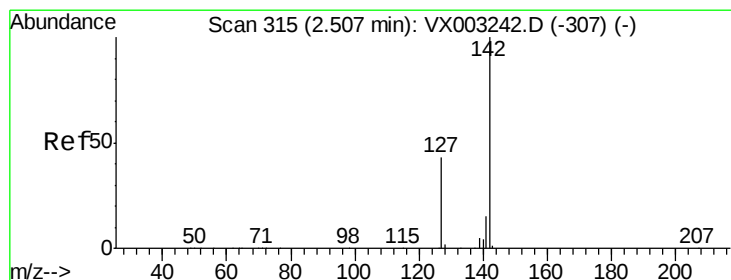
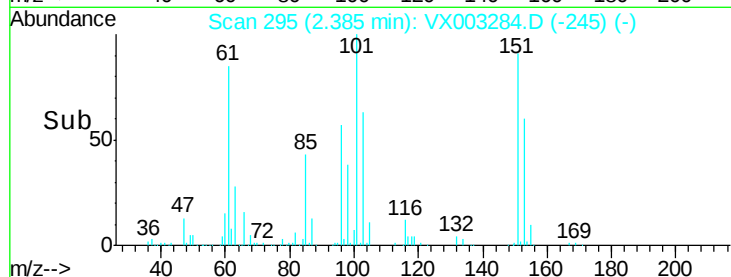
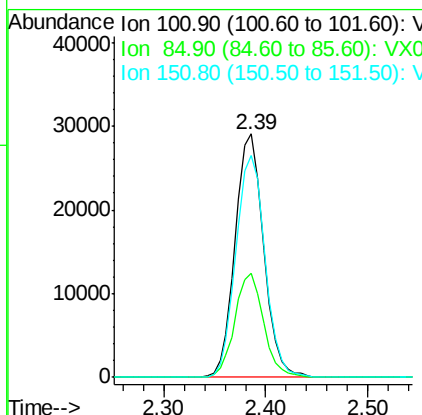
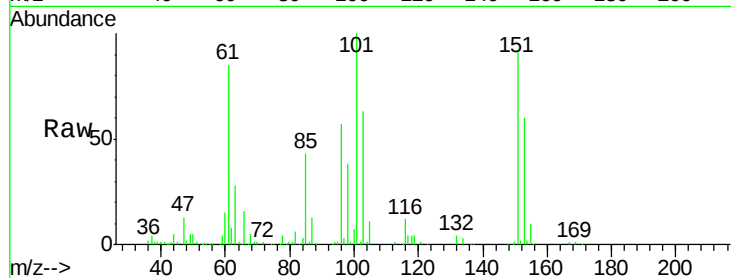
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.75 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	56484		
85	42.8		36.0	54.0
151	93.1		70.9	106.3

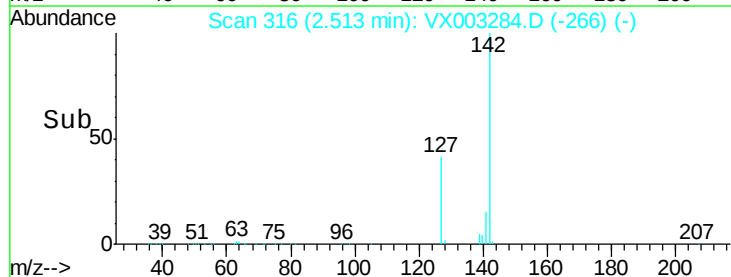
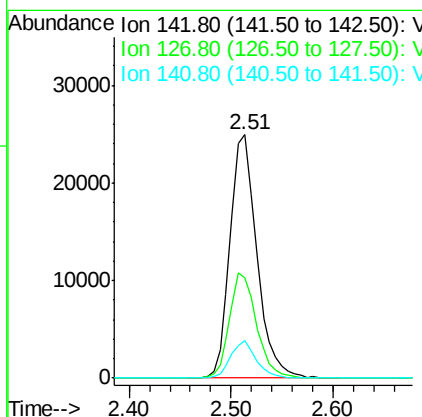
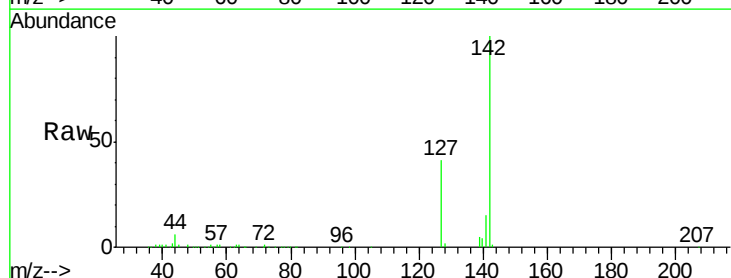
Manual Integrations
 APPROVED

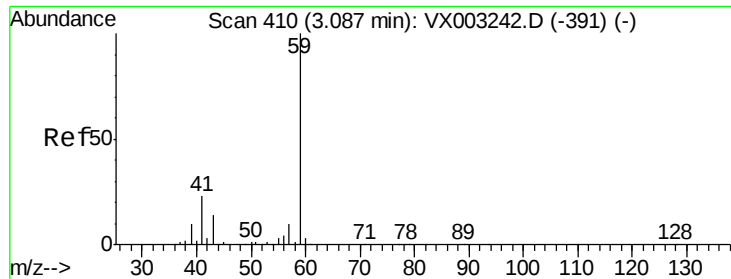
MMDadoda
 7/11/2018 3:09:26 PM



#10
 Methyl Iodide
 Concen: 17.76 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	45390		
127	43.5		36.6	55.0
141	14.6		11.3	16.9





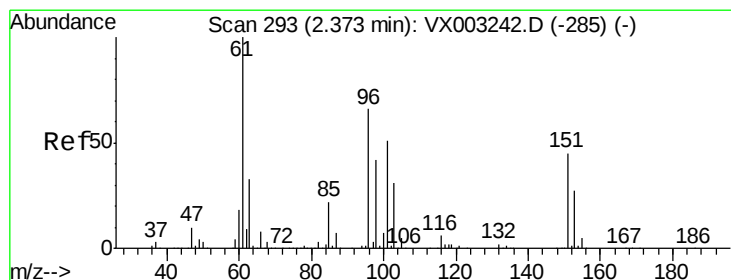
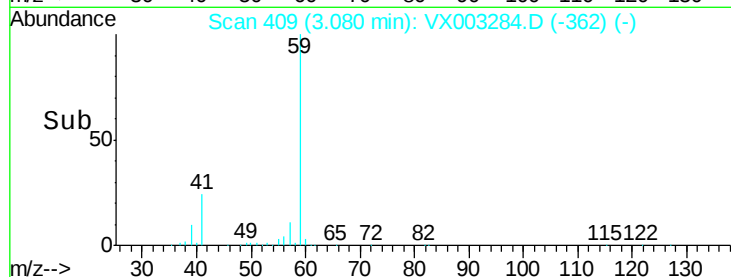
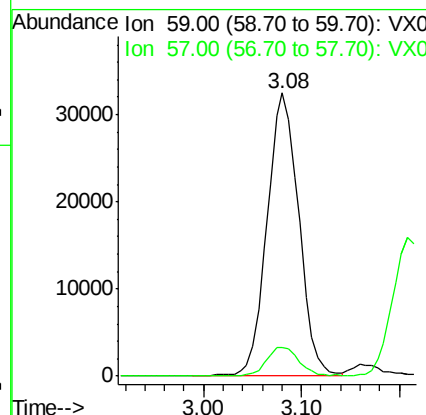
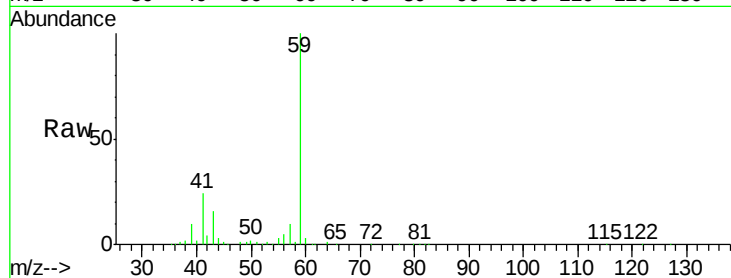
#11
Tert butyl alcohol
Concen: 105.35 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampled :
VX0710MBS01

Tot Ion: 59 Resp: 73329
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

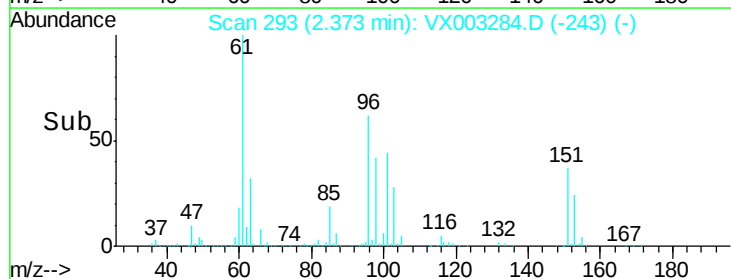
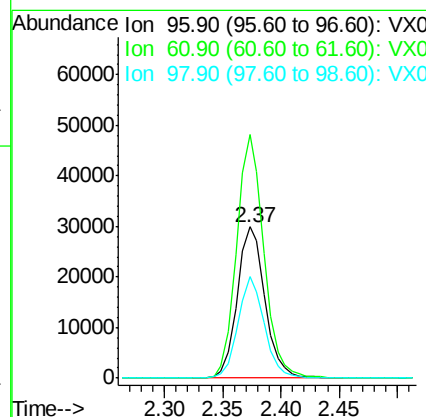
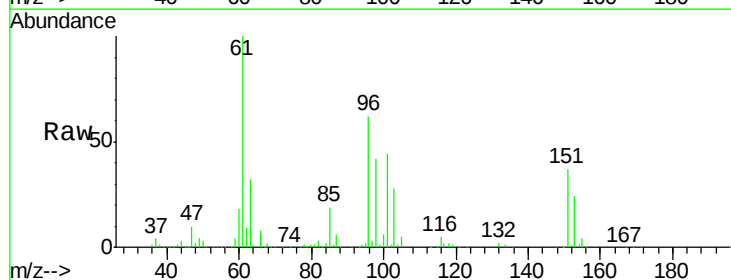
Manual Integrations
APPROVED

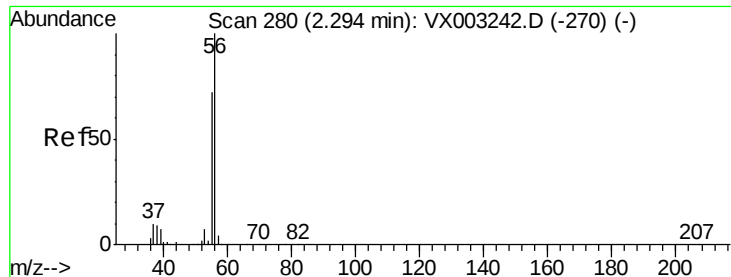
MMDadoda
7/11/2018 3:09:26 PM



#12
1,1-Dichloroethene
Concen: 18.22 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 96 Resp: 49950
Ion Ratio Lower Upper
96 100
61 161.2 137.9 206.9
98 67.3 51.6 77.4





#13

Acrolein

Concen: 82.90 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 56 Resp: 46497

Ion Ratio Lower Upper

56 100

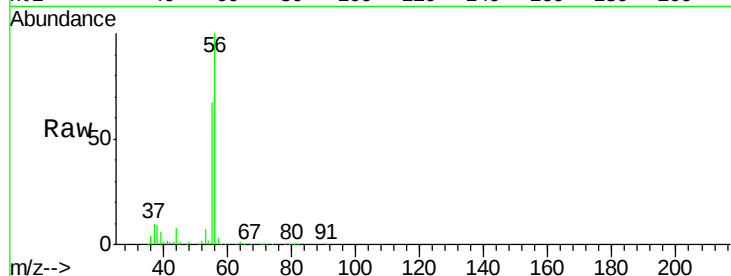
55 71.4 57.0 85.4

Manual Integrations

APPROVED

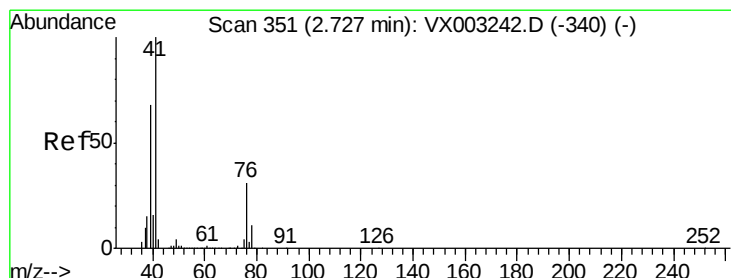
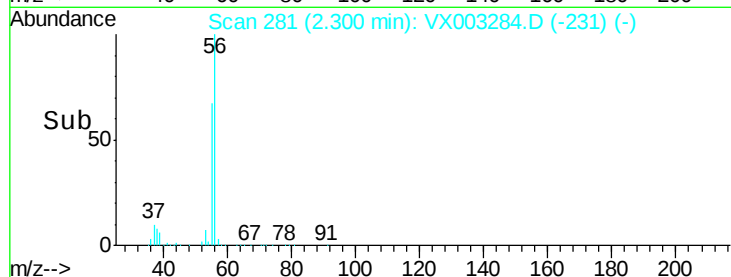
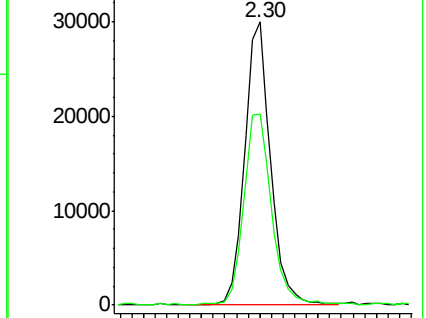
MMDadoda

7/11/2018 3:09:26 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

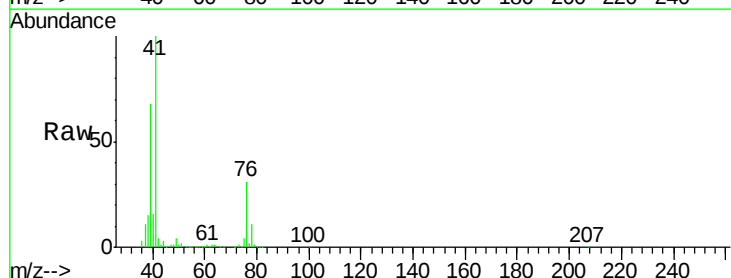
Tgt Ion: 41 Resp: 92531

Ion Ratio Lower Upper

41 100

39 67.1 56.8 85.2

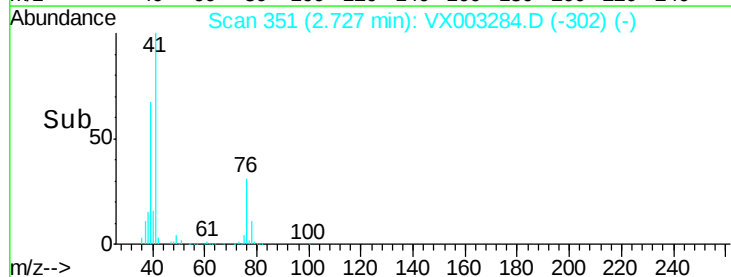
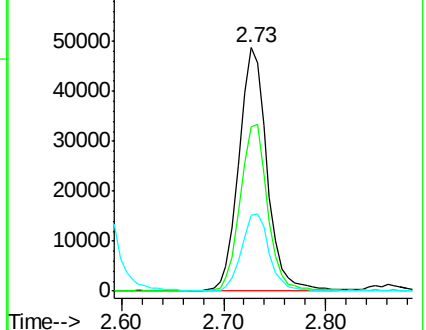
76 31.1 23.8 35.8

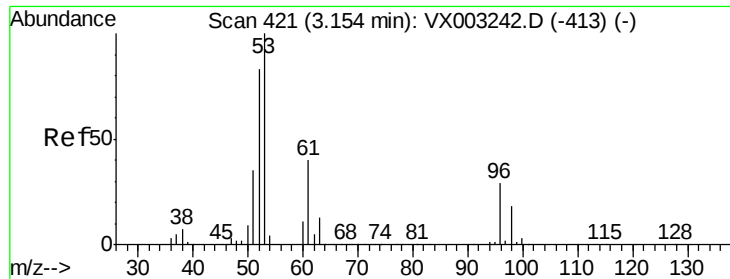


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





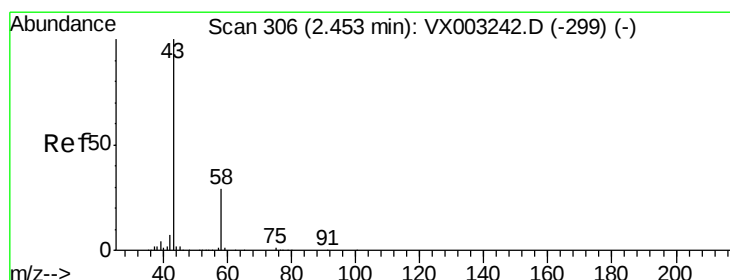
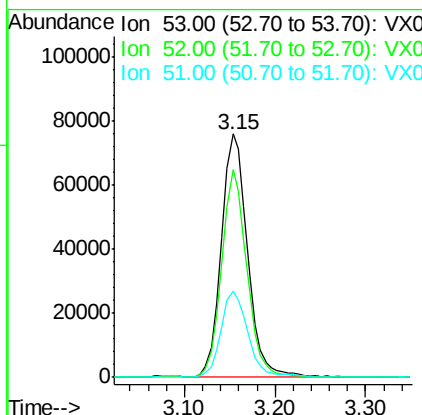
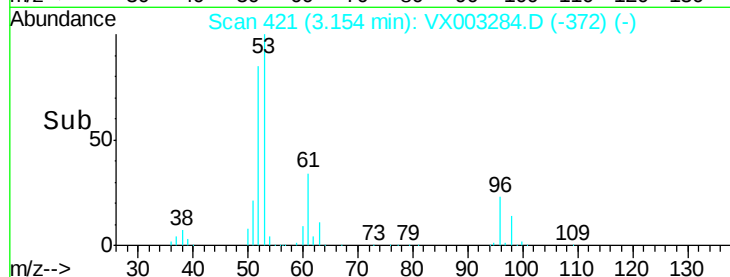
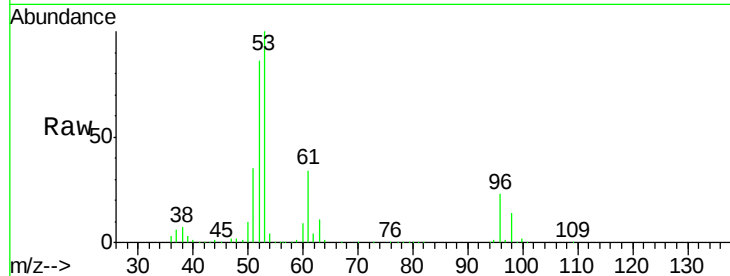
#15
 Acrylonitrile
 Concen: 97.74 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion:	53	Resp:	151905
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.7	100.1
51	36.3	29.9	44.9

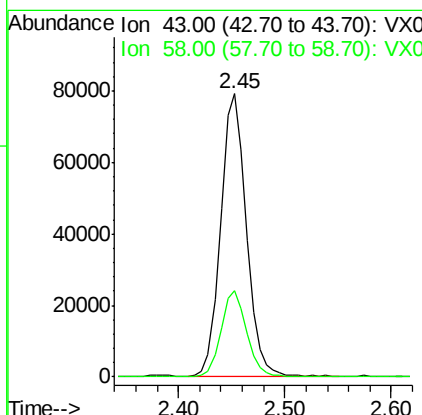
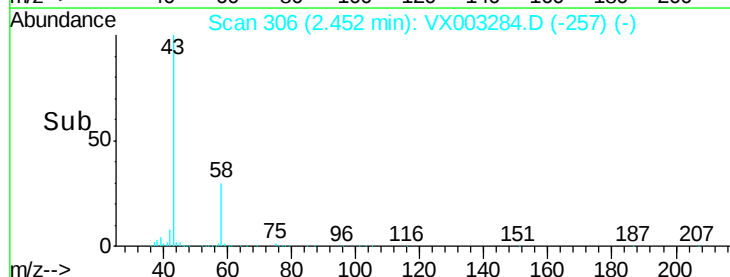
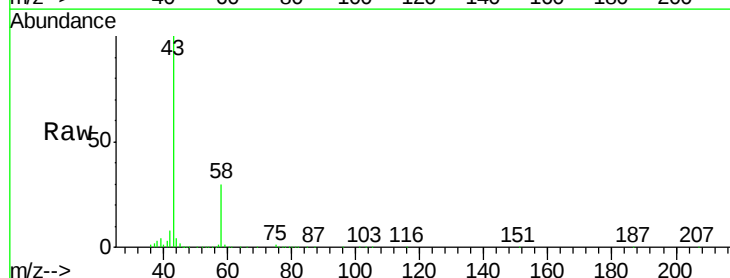
Manual Integrations
 APPROVED

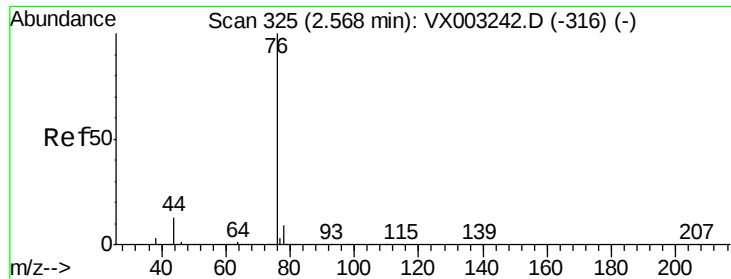
MMDadoda
 7/11/2018 3:09:26 PM



#16
 Acetone
 Concen: 97.14 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion:	43	Resp:	132409
Ion Ratio		Lower	Upper
43	100		
58	30.4	22.1	33.1





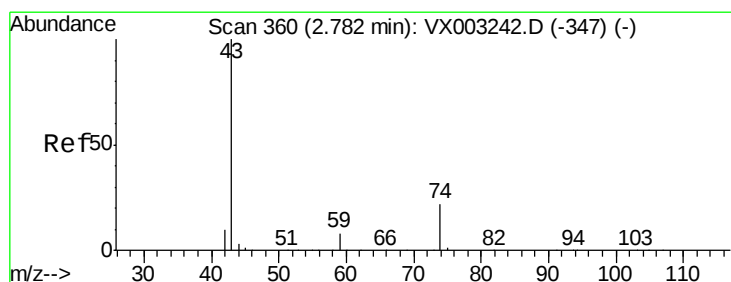
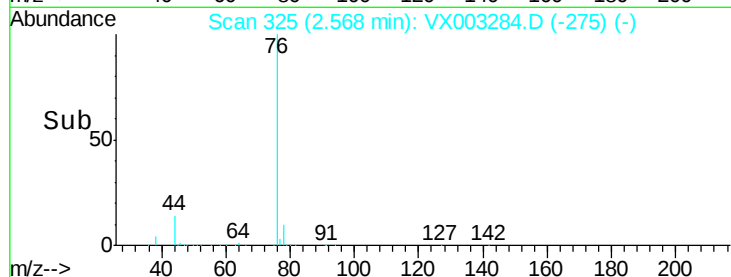
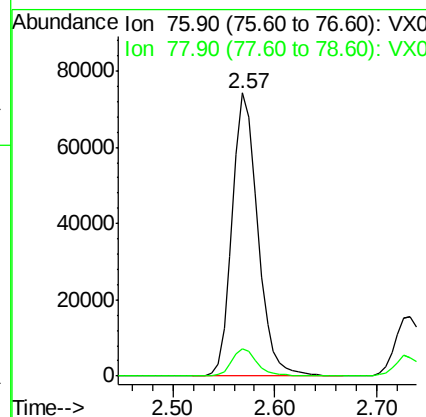
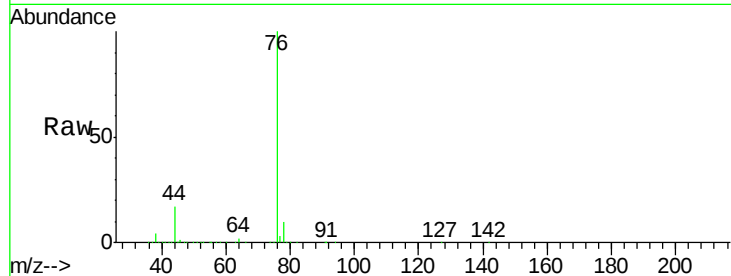
#17
Carbon Disulfide
Concen: 16.91 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.9	10.3

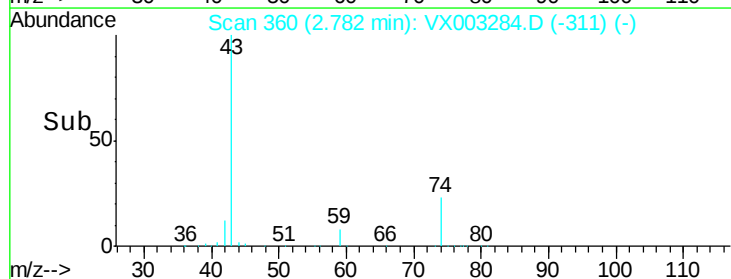
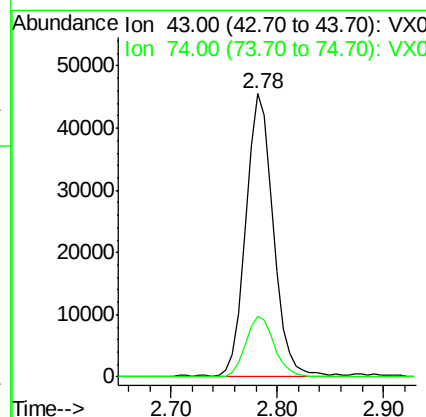
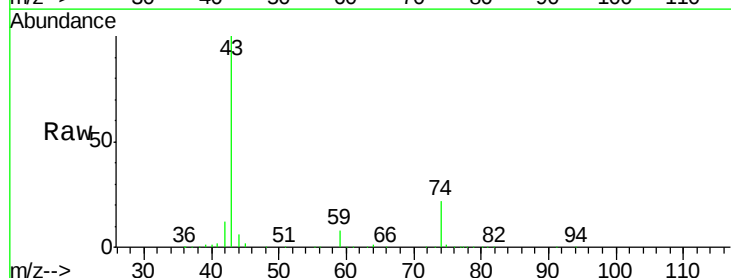
Manual Integrations
APPROVED

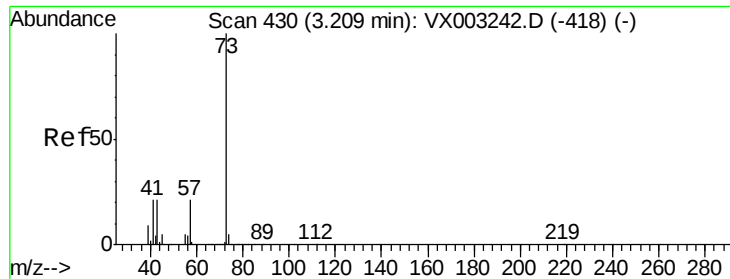
MMDadoda
7/11/2018 3:09:26 PM



#18
Methyl Acetate
Concen: 21.39 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





#19

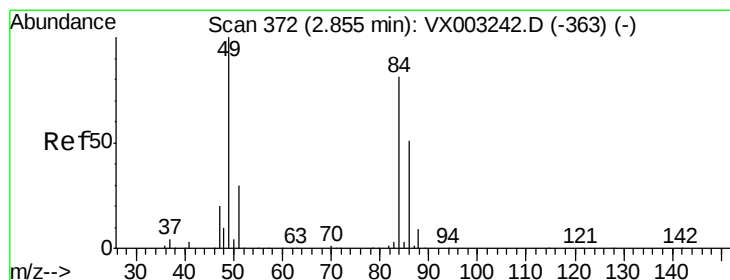
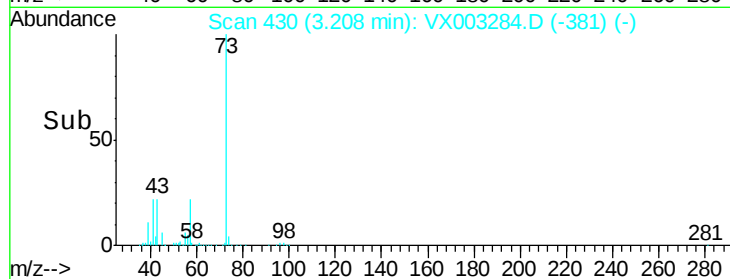
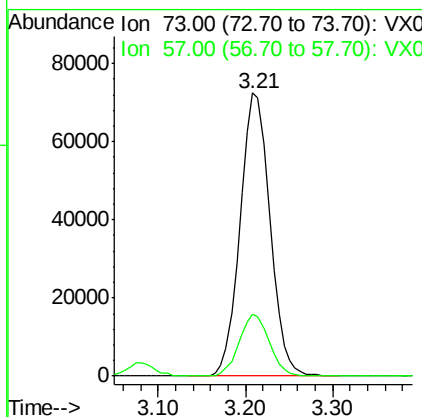
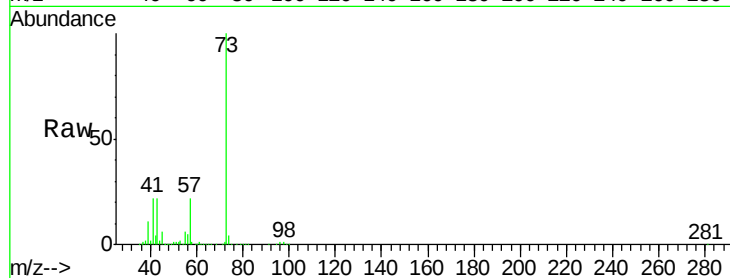
Methyl tert-butyl Ether
 Concen: 18.84 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

Manual Integrations
 APPROVED

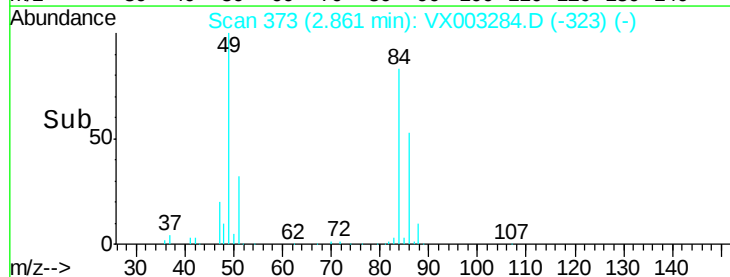
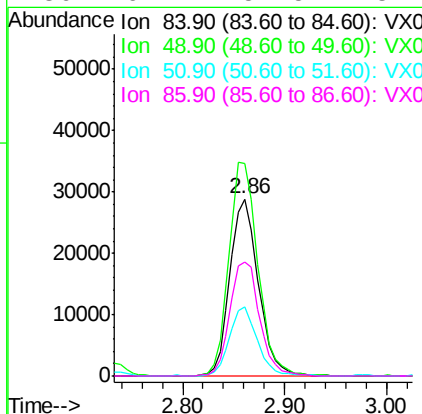
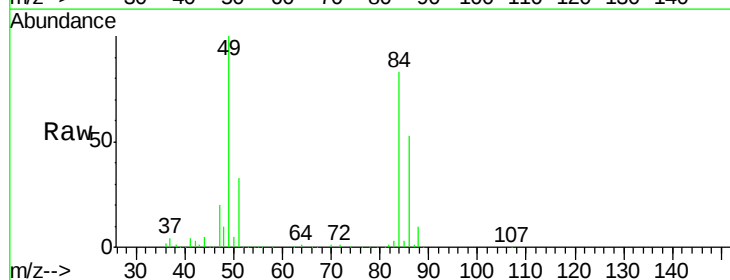
MMDadoda
 7/11/2018 3:09:26 PM

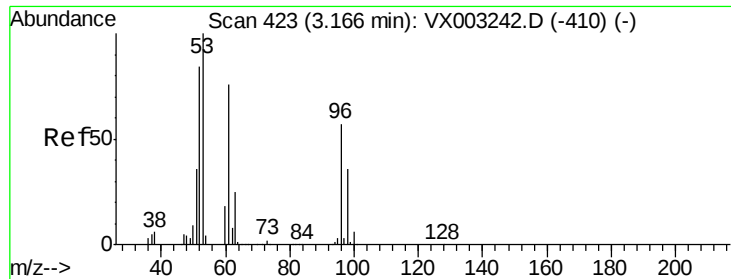


#20

Methylene Chloride
 Concen: 19.55 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	107.8	161.6
51	39.5	32.8	49.2
86	64.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.74 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

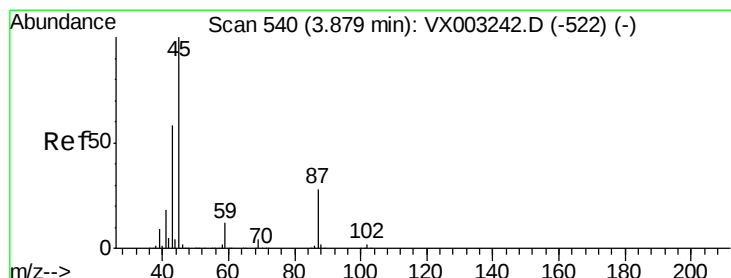
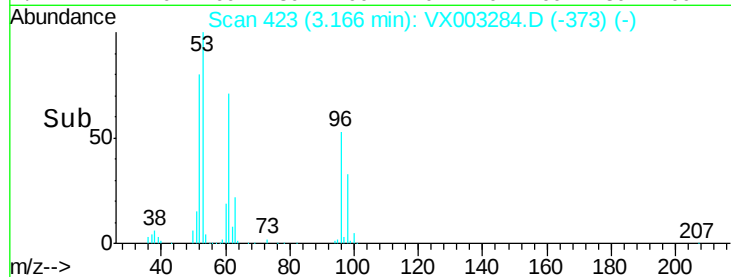
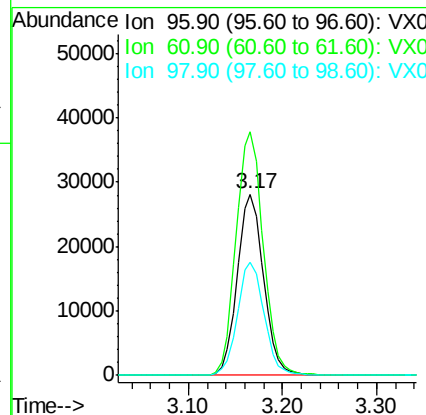
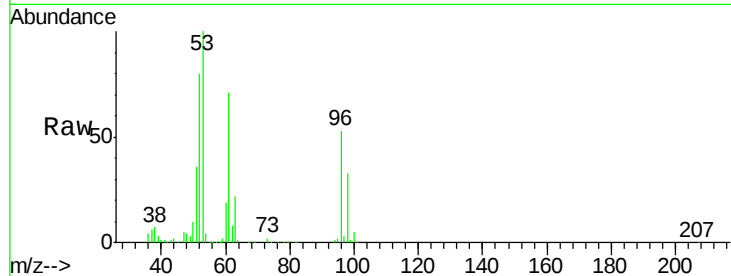
ClientSampleId :

VX0710MBS01

Tot Ion:	96	Resp:	54749
Ion	Ratio	Lower	Upper
96	100		
61	134.5	117.0	175.4
98	62.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.82 ug/l

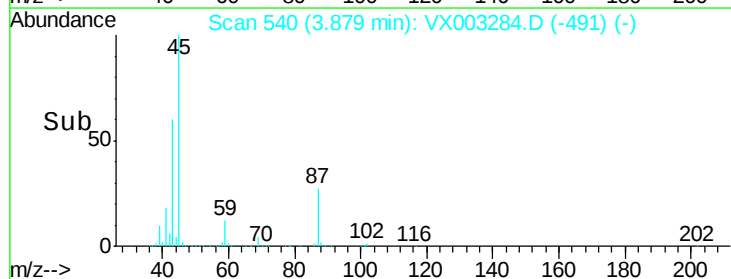
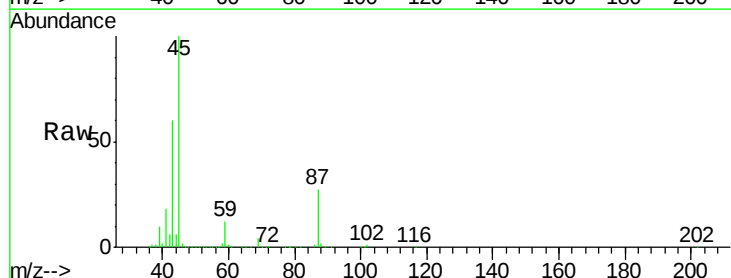
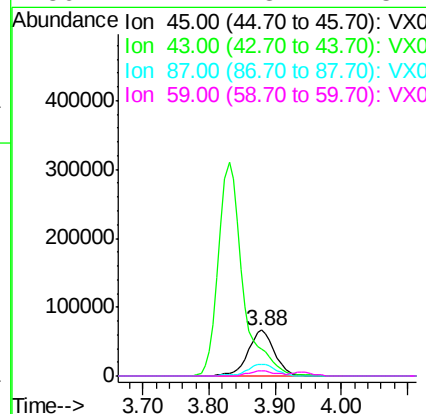
RT: 3.88 min Scan# 540

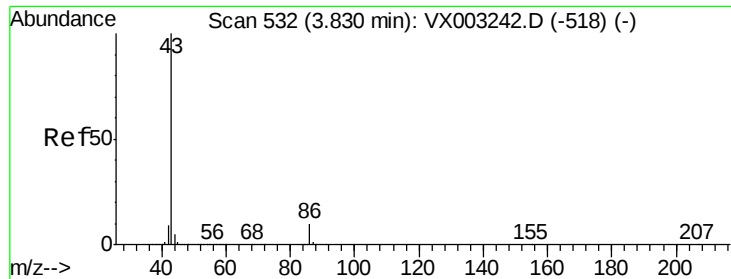
Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Tgt Ion:	45	Resp:	184106
Ion	Ratio	Lower	Upper
45	100		
43	59.8	46.8	70.2
87	26.8	20.2	30.4
59	11.7	8.7	13.1





#23

Vinyl Acetate

Concen: 91.23 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 43 Resp: 800145

Ion Ratio Lower Upper

43 100

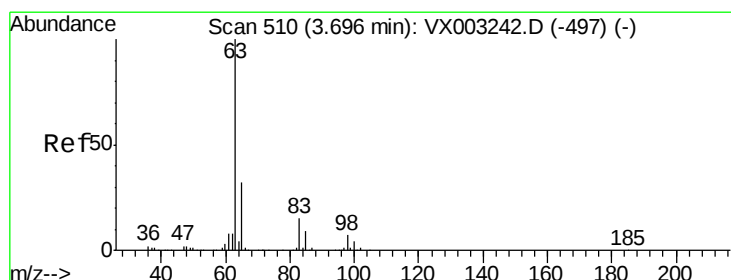
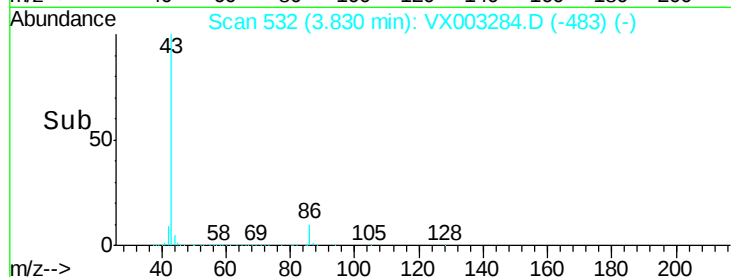
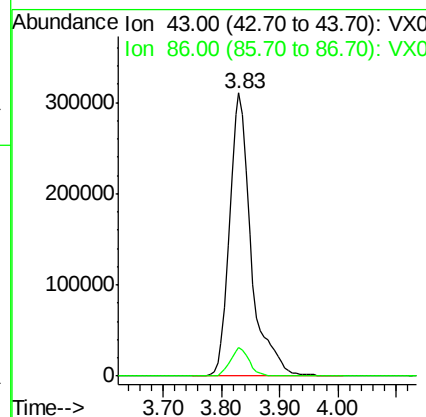
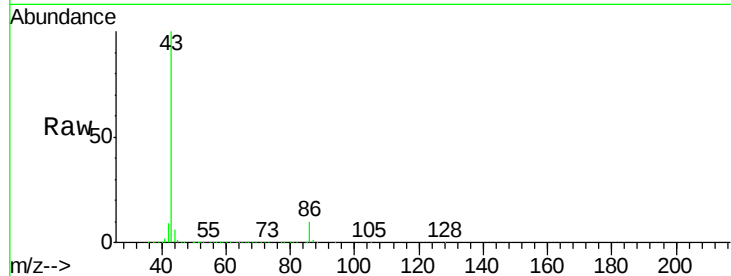
86 10.0 7.4 11.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 19.18 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

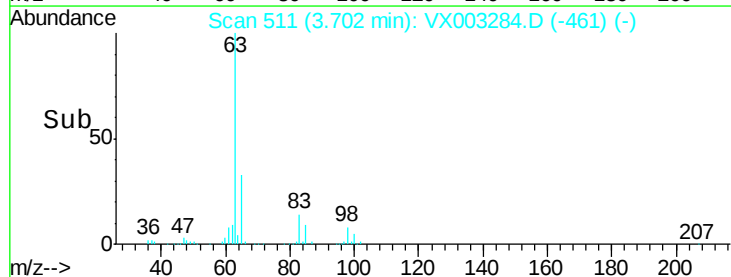
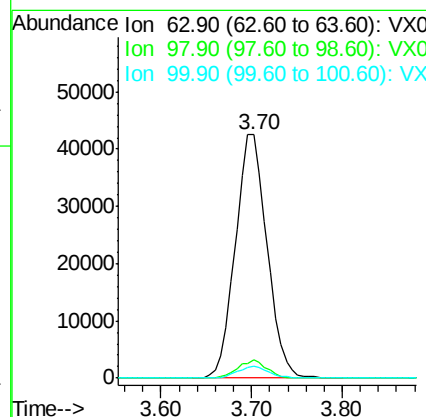
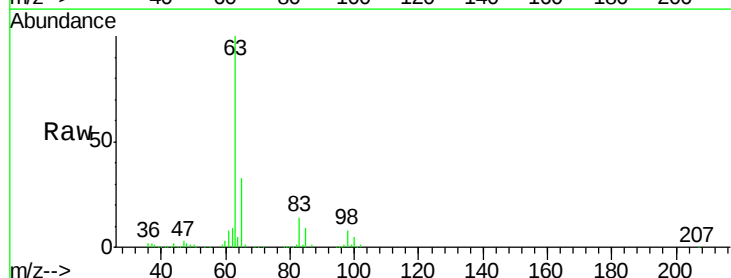
Tgt Ion: 63 Resp: 103140

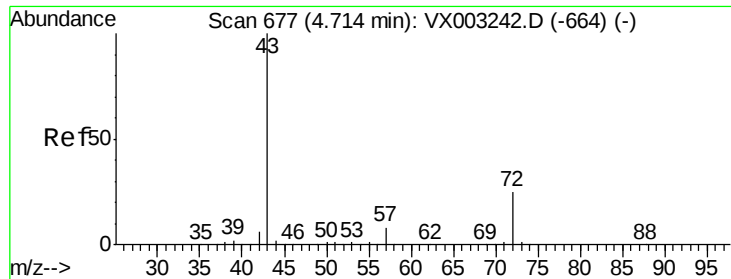
Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 103.56 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 43 Resp: 249772

Ion Ratio Lower Upper

43 100

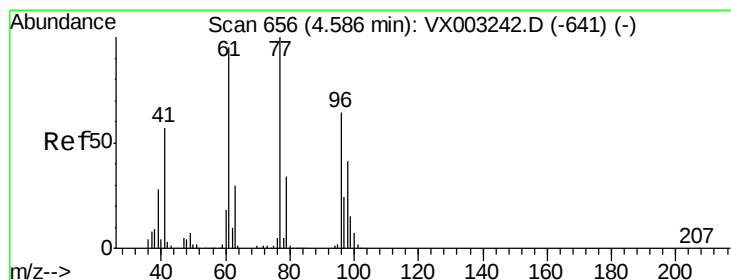
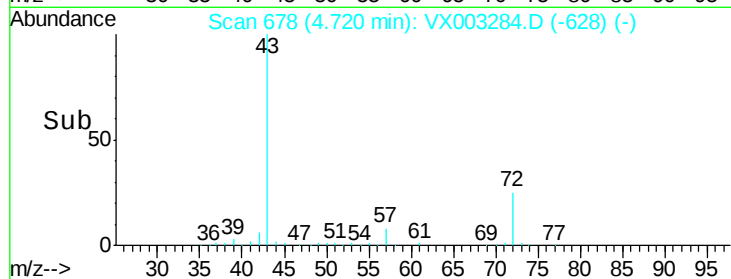
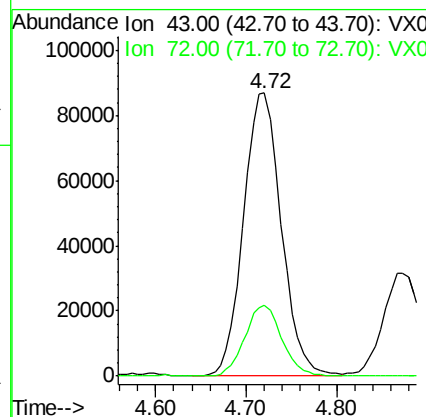
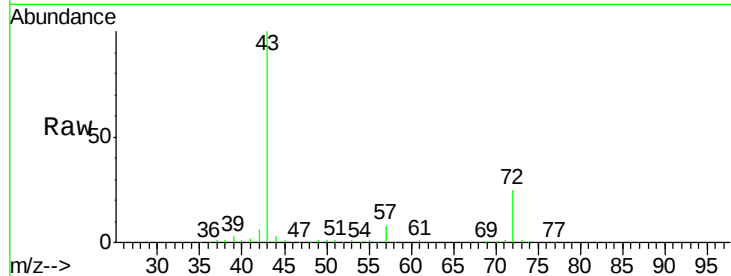
72 25.1 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003284.D

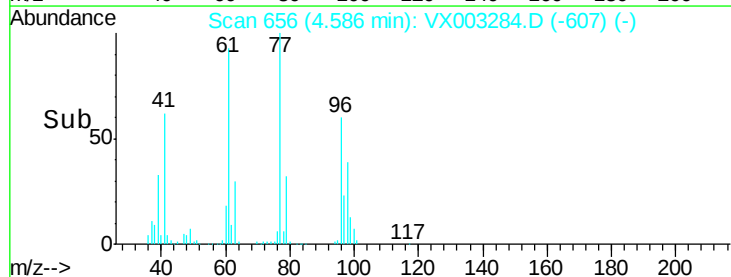
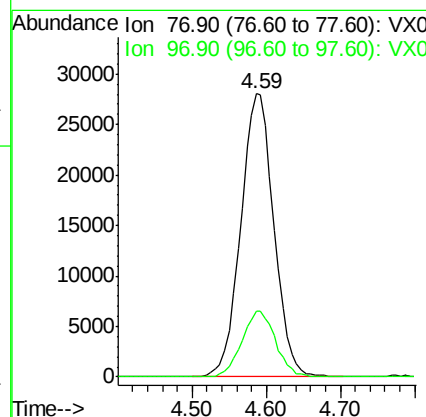
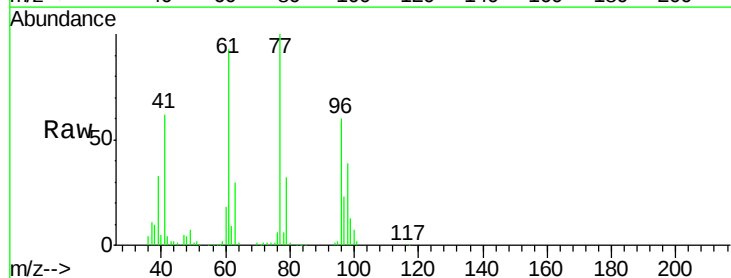
Acq: 10 Jul 2018 15:15

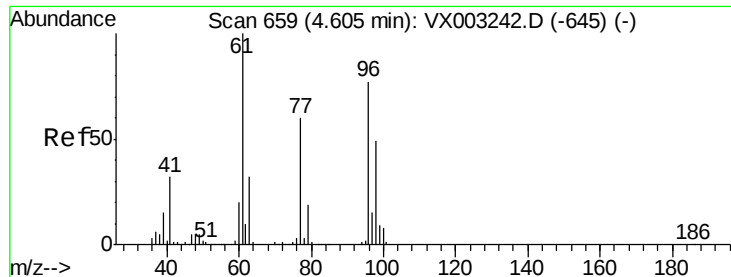
Tgt Ion: 77 Resp: 87350

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.5





#27

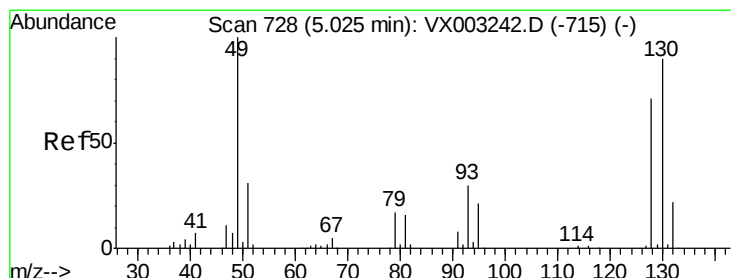
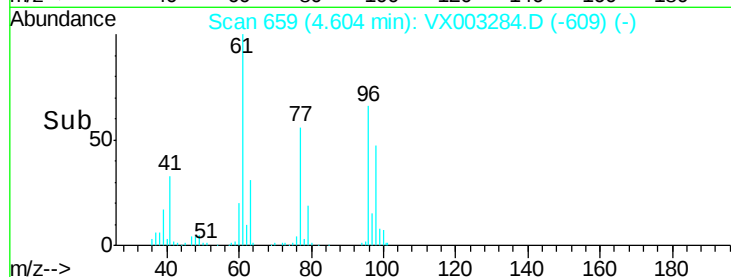
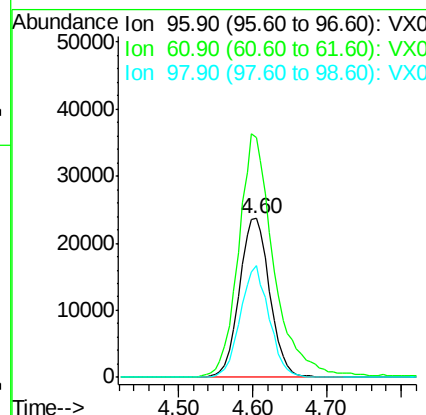
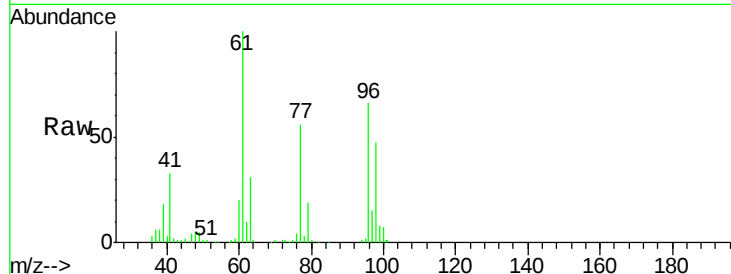
cis-1,2-Dichloroethene
Concen: 18.94 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	68006		
61	177.9		0.0	330.2
98	66.6		0.0	130.2

Manual Integrations
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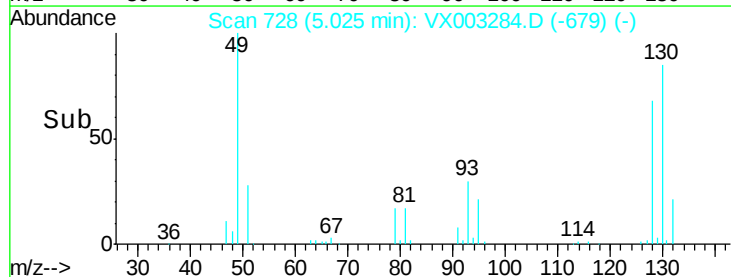
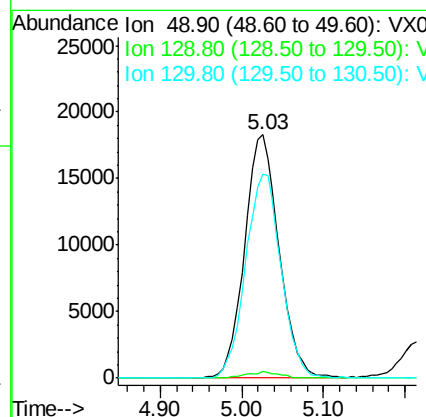
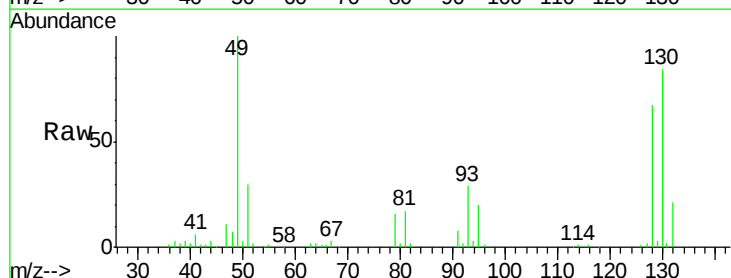
MMDadoda
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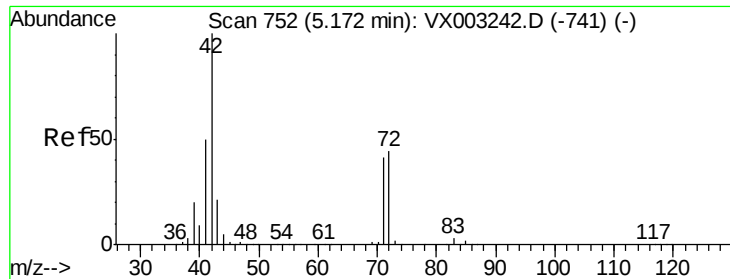


#28

Bromochloromethane
Concen: 19.80 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	53632		
129	2.3		0.0	4.2
130	86.3		61.2	91.8





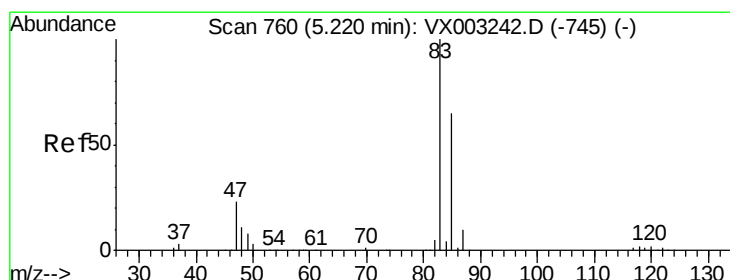
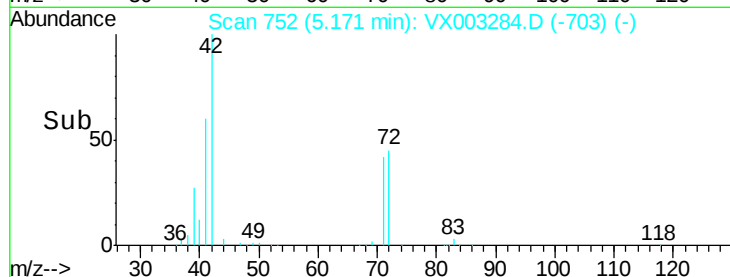
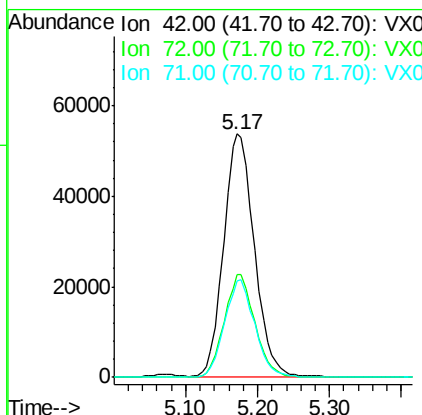
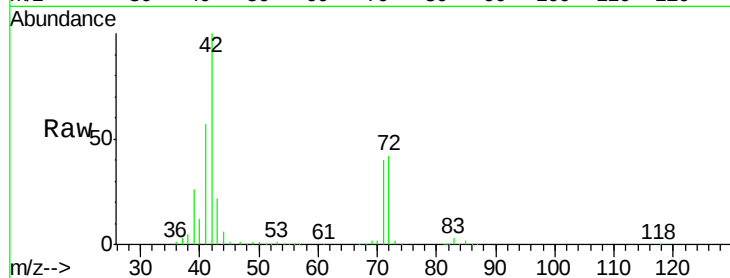
#29
Tetrahydrofuran
Concen: 101.15 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.0	48.0
71	39.8	30.1	45.1

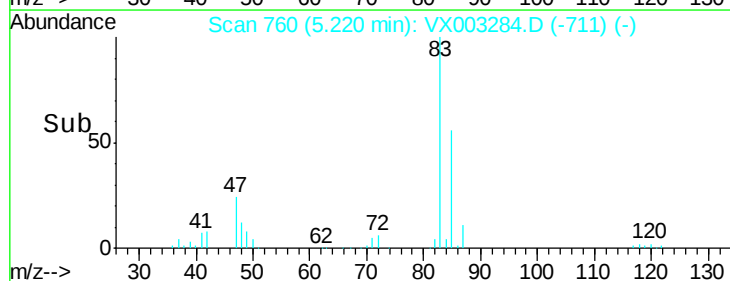
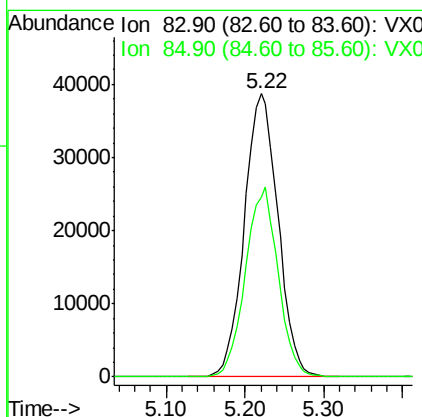
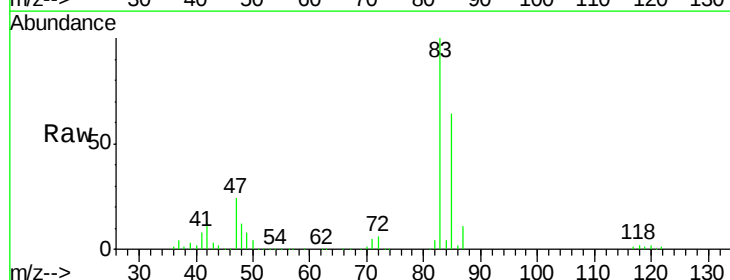
Manual Integrations
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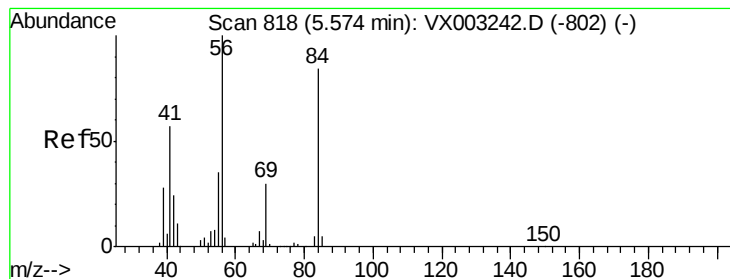
MMDadoda
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#30
Chloroform
Concen: 19.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.4	75.6





#31

Cyclohexane

Concen: 19.25 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

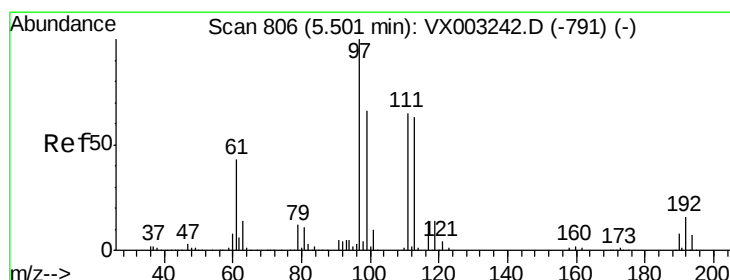
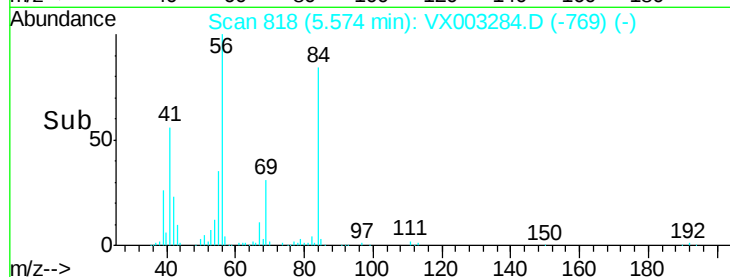
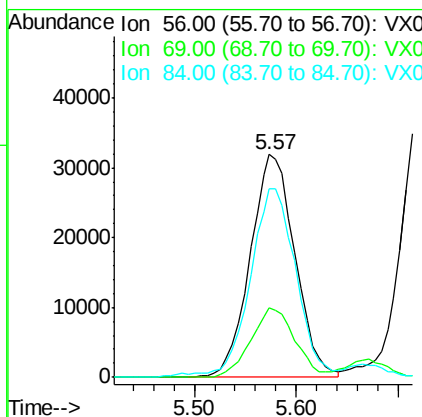
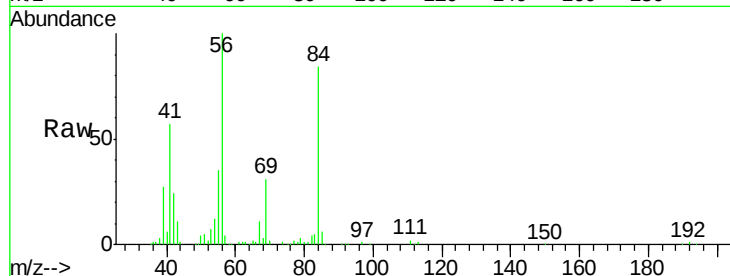
ClientSampleId :

VX0710MBS01

Tot Ion:	56	Resp:	96918
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	82.8	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 19.22 ug/l

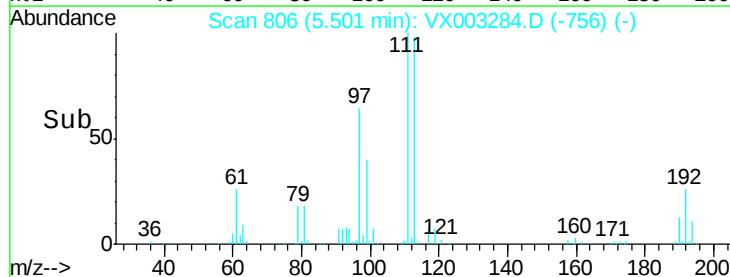
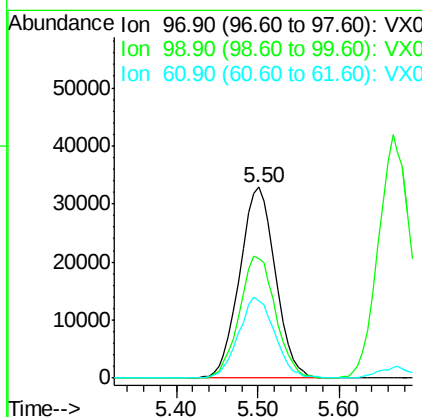
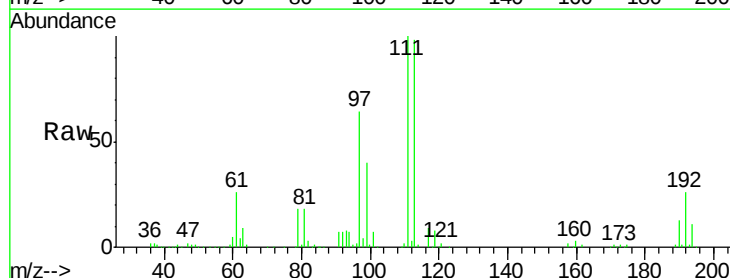
RT: 5.50 min Scan# 806

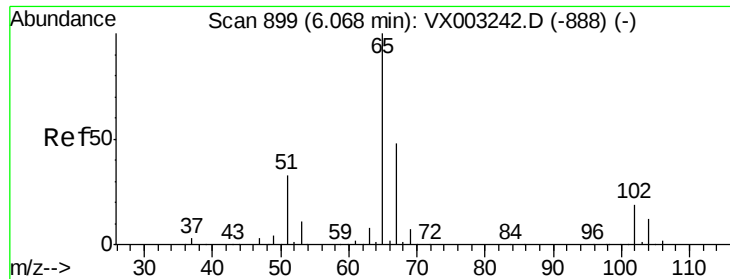
Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Tgt Ion:	97	Resp:	100290
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	42.9	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 49.11 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 65 Resp: 188562

Ion Ratio Lower Upper

65 100

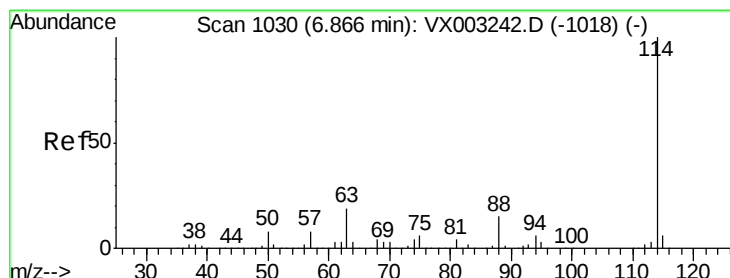
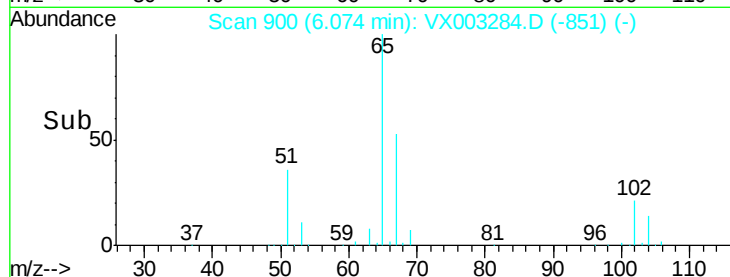
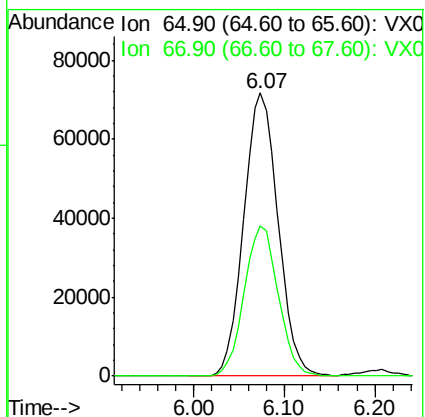
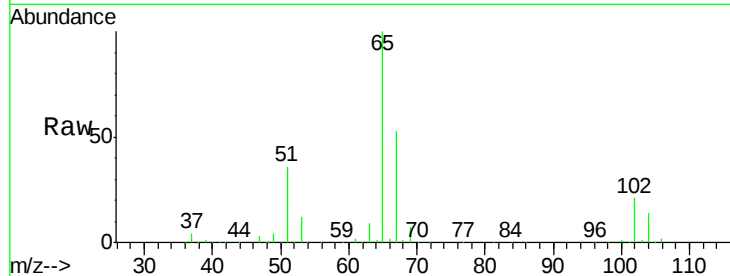
67 52.6 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

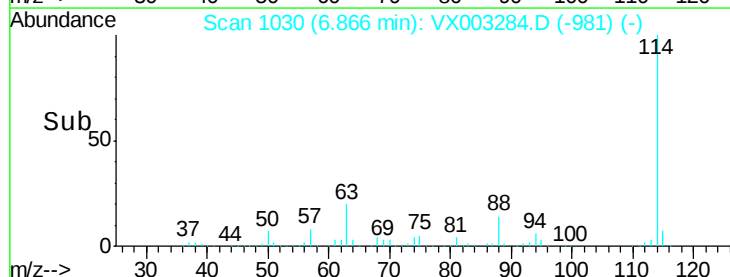
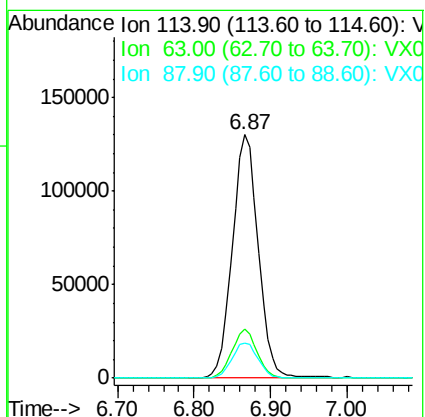
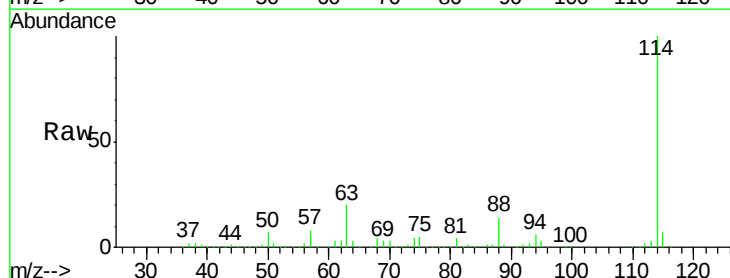
Tgt Ion: 114 Resp: 304556

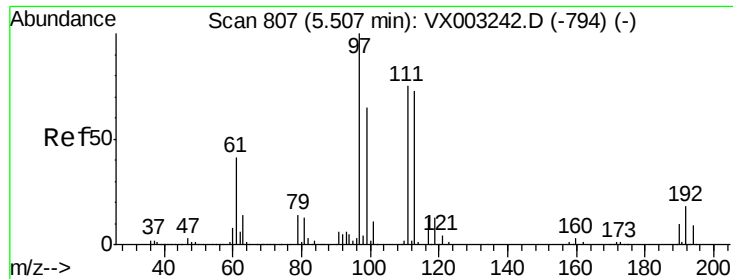
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 14.4 0.0 30.0





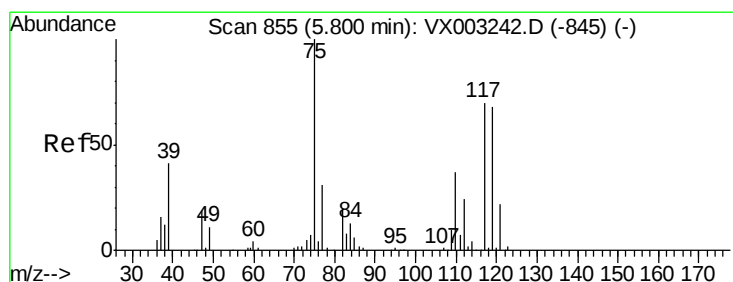
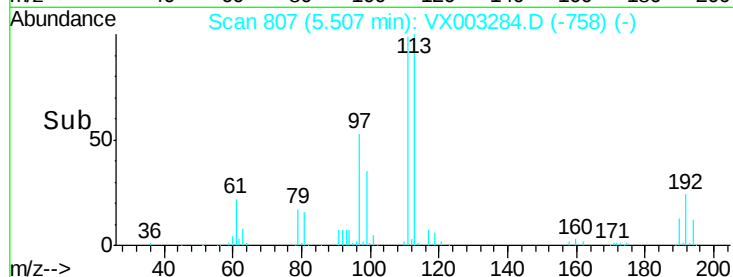
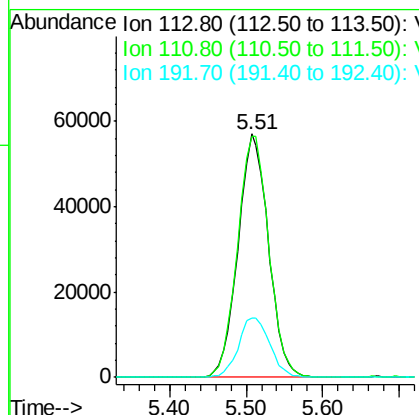
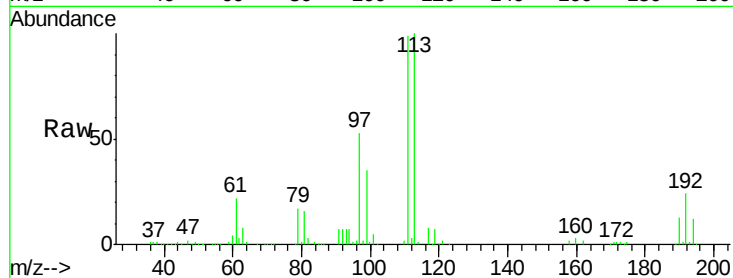
#35
 Dibromofluoromethane
 Concen: 48.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157082		
111	101.9	81.4	122.0	
192	25.4	19.1	28.7	

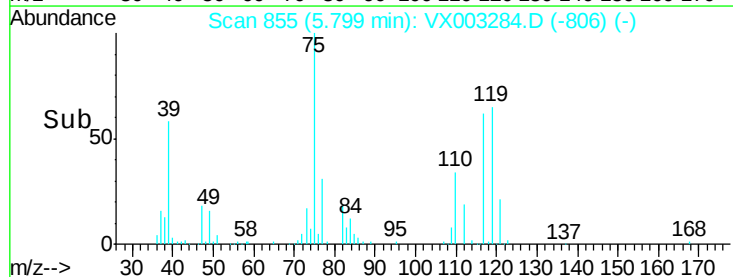
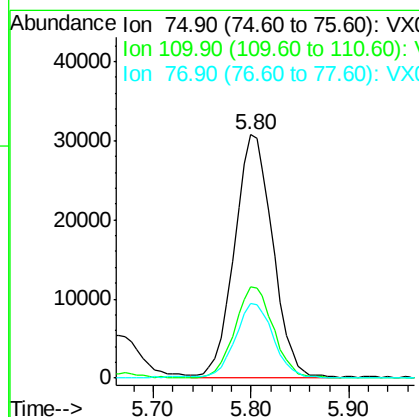
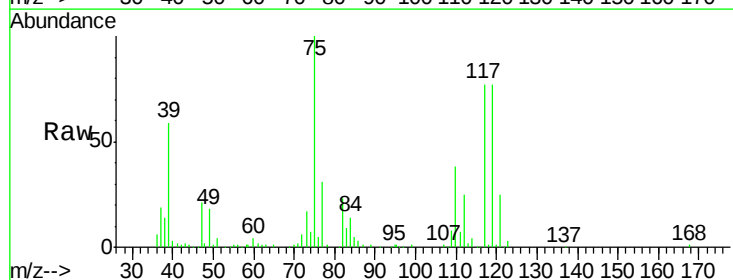
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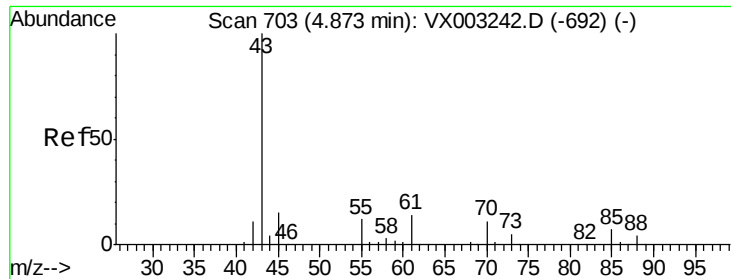
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#36
 1,1-Dichloropropene
 Concen: 19.15 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82554		
110	38.3	18.1	54.4	
77	31.0	24.3	36.5	





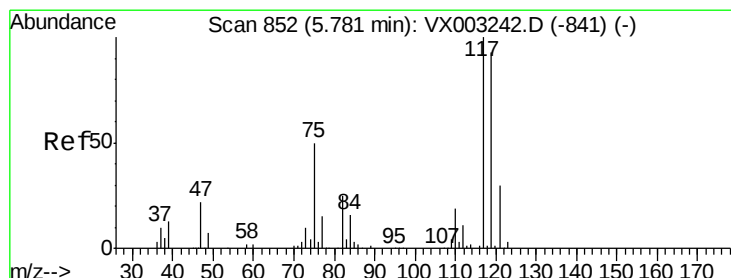
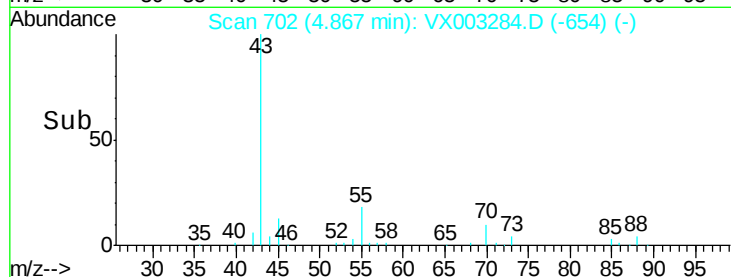
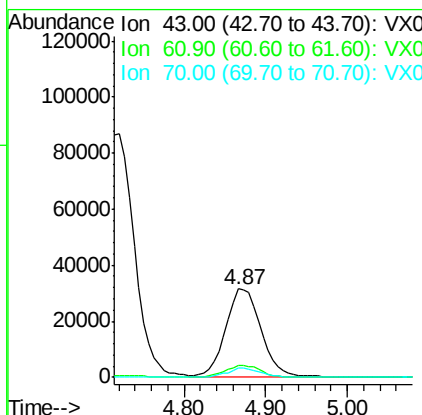
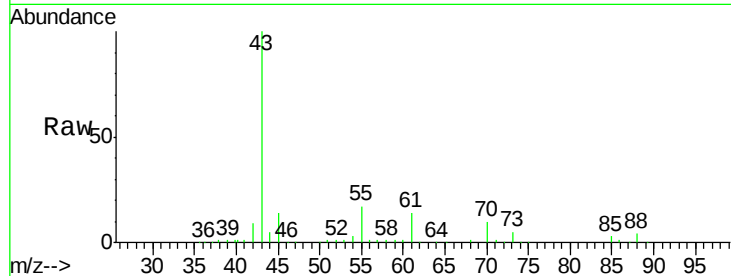
#37
Ethyl Acetate
Concen: 19.99 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	9.9	7.6	11.4

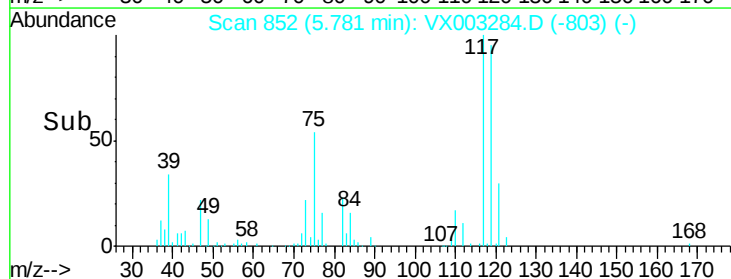
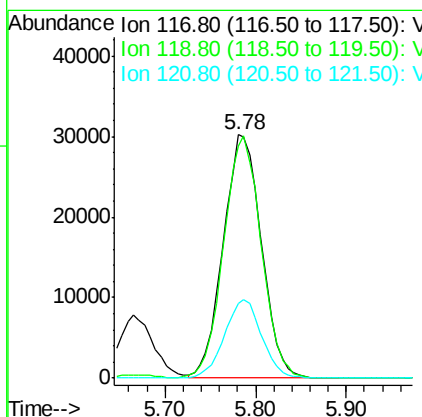
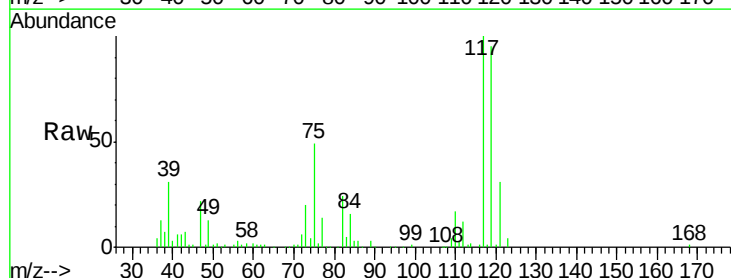
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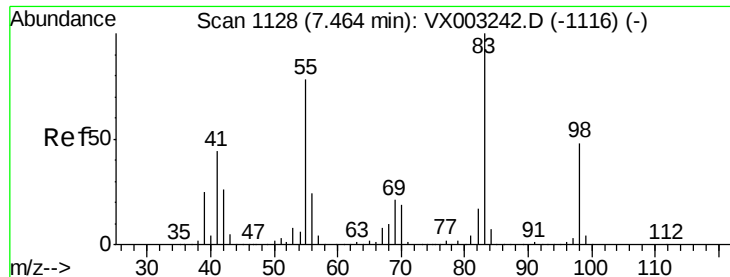
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.75 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
121	30.8	24.4	36.6





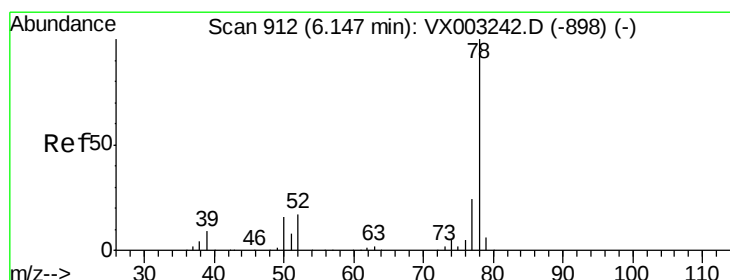
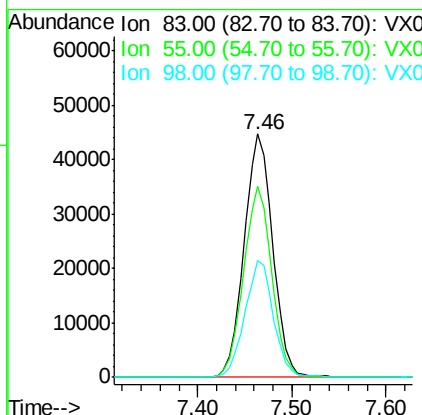
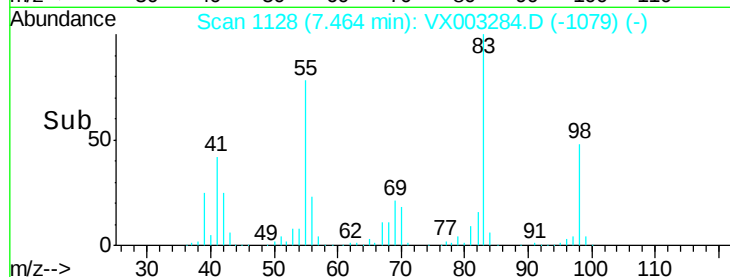
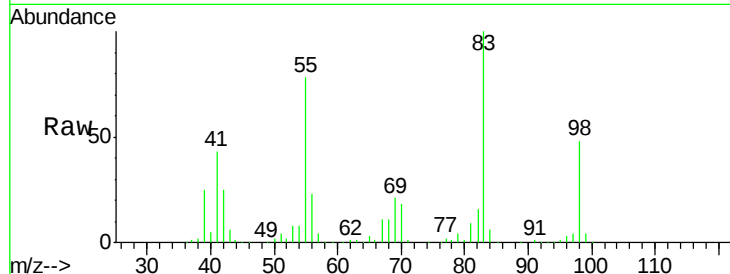
#39
Methvlcvclohexane
Concen: 18.78 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.4	98.0
98	48.2	37.4	56.0

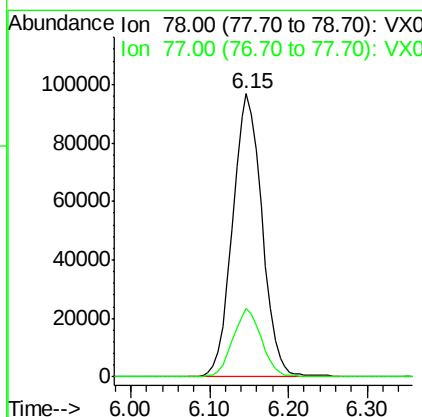
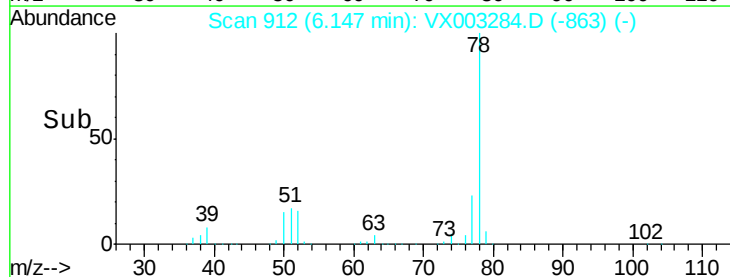
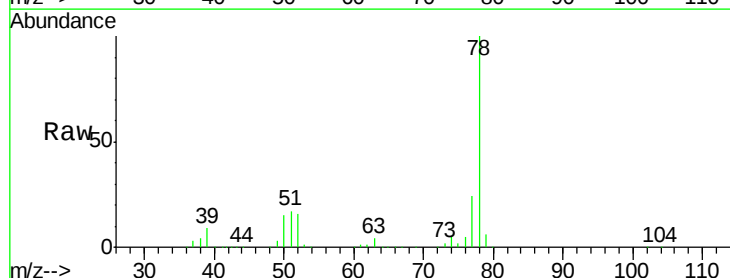
Manual Integrations
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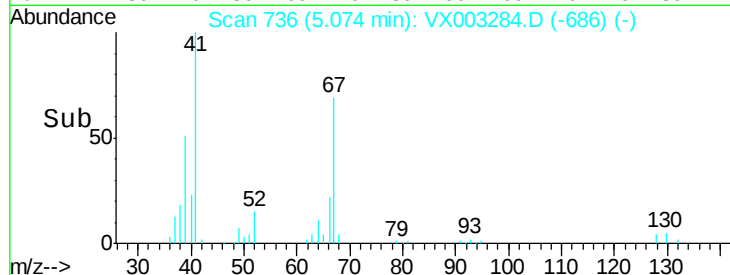
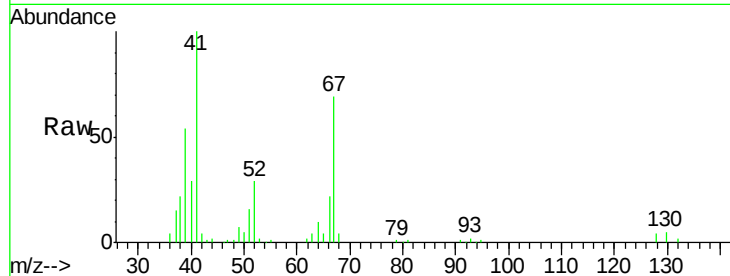
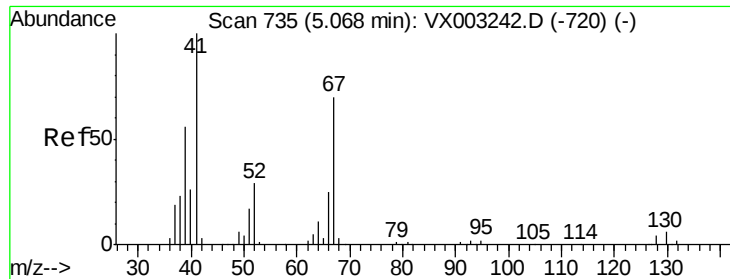
MMDadoda
7/11/2018 3:09:26 PM



#40
Benzene
Concen: 19.71 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





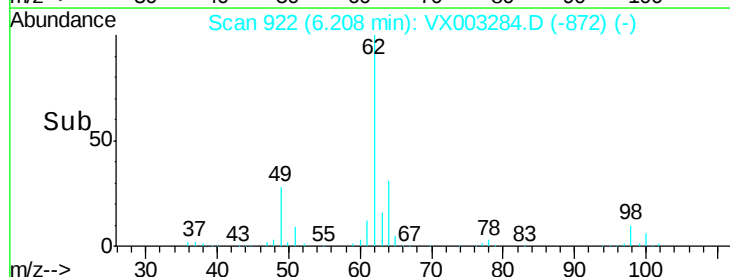
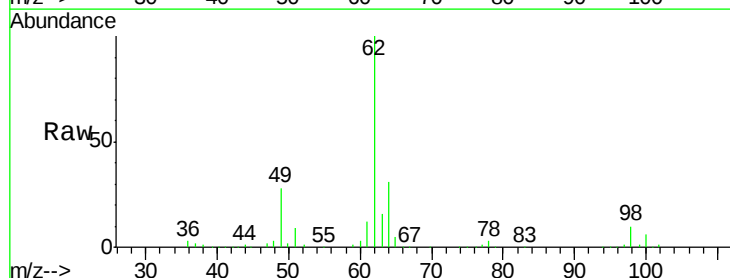
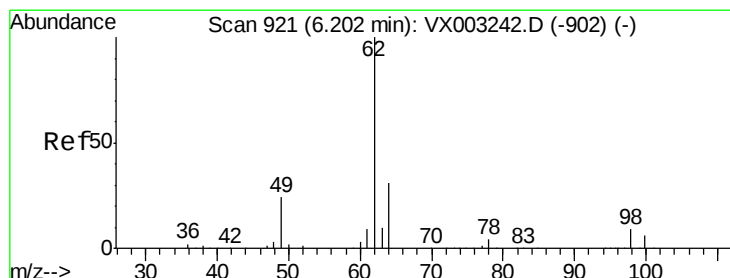
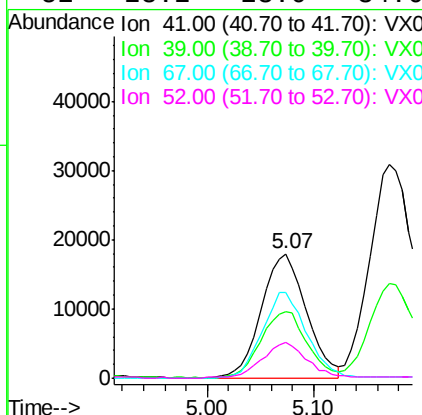
#41
Methacrylonitrile
Concen: 20.49 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		53031		
39	54.5	45.8	68.6		
67	68.0	51.3	76.9		
52	28.2	23.0	34.6		

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

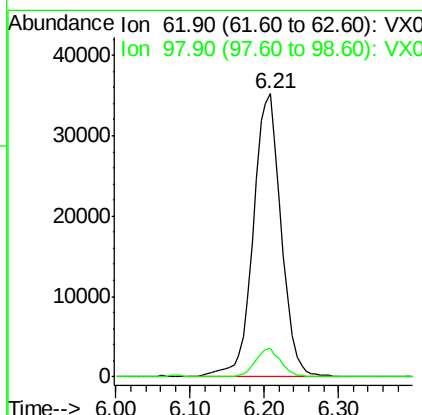
Manual Integrations
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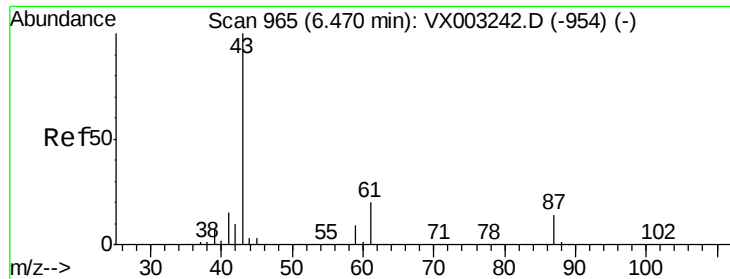
MMDadoda
7/11/2018 3:09:26 PM



#42
1,2-Dichloroethane
Concen: 19.19 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		91581		
98	9.5	0.0	16.6		





#43

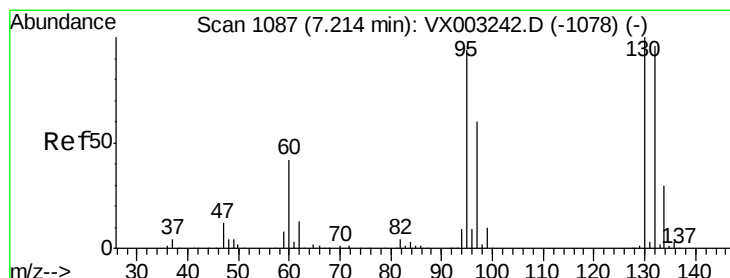
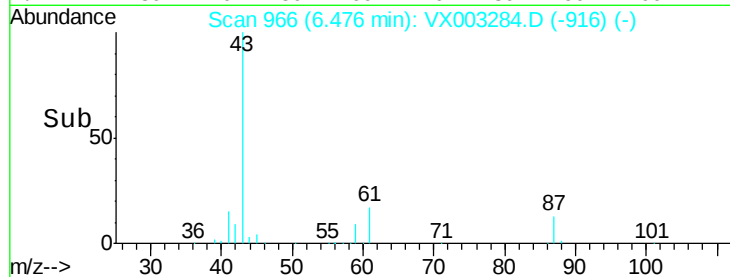
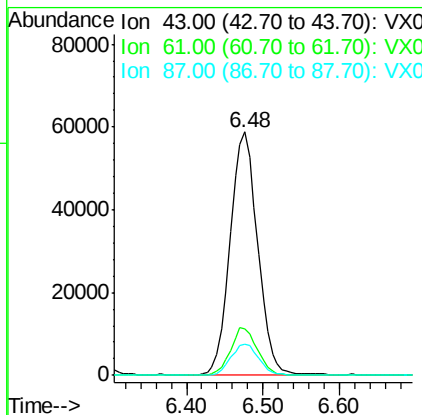
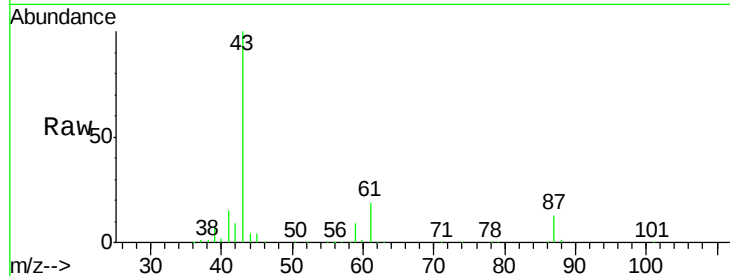
Isopropyl Acetate
 Concen: 19.59 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.4	21.6
87	13.1	9.5	14.3

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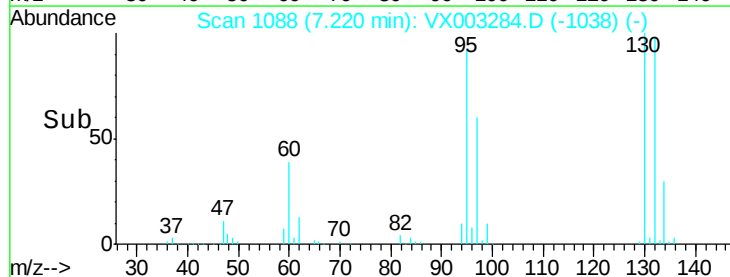
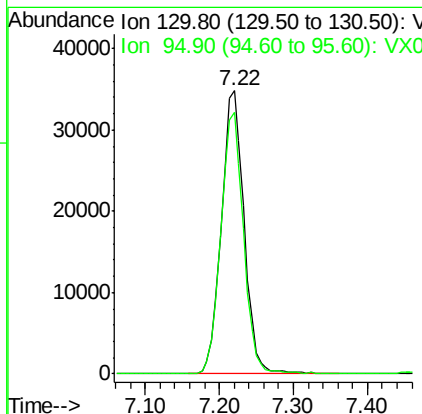
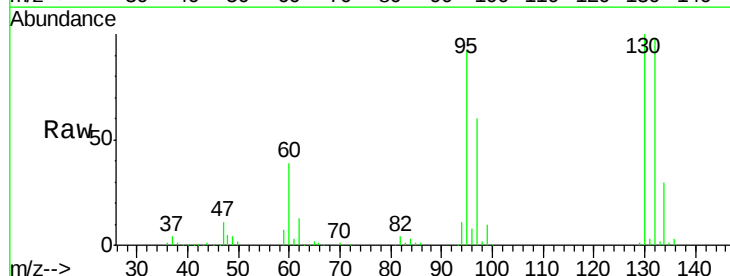
MMDadoda
 7/11/2018 3:09:26 PM

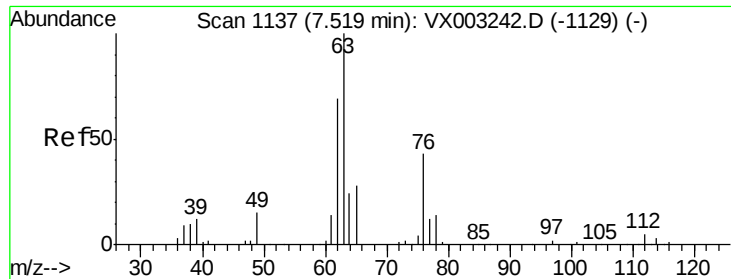


#44

Trichloroethene
 Concen: 19.57 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 19.21 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 63 Resp: 63805

Ion Ratio Lower Upper

63 100

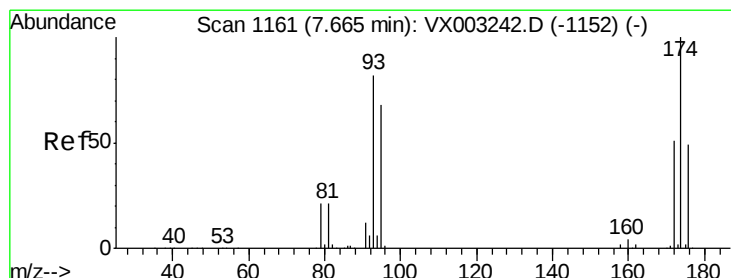
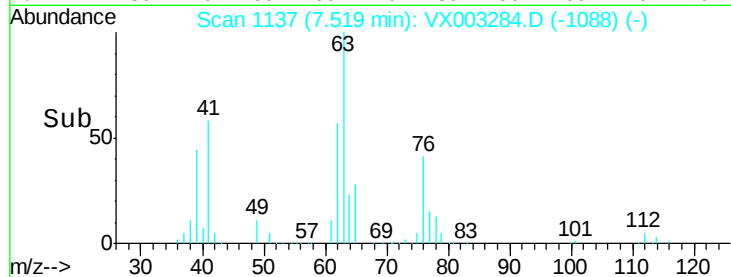
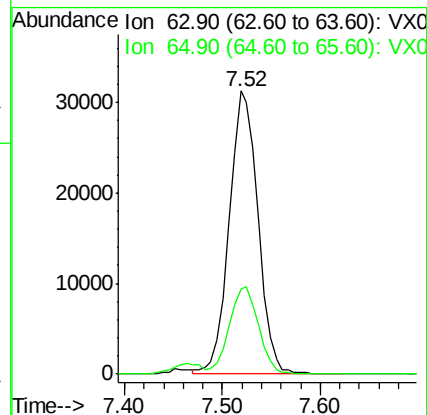
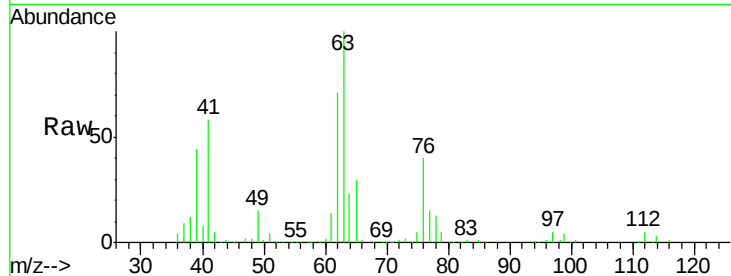
65 29.7 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 19.38 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

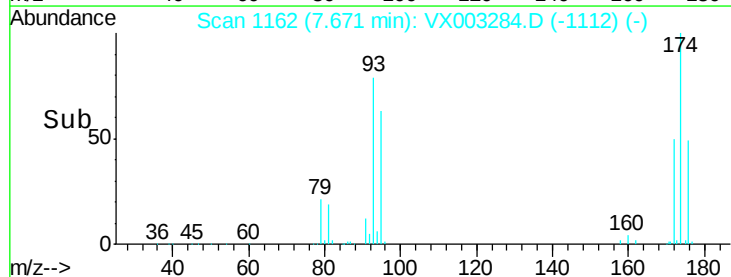
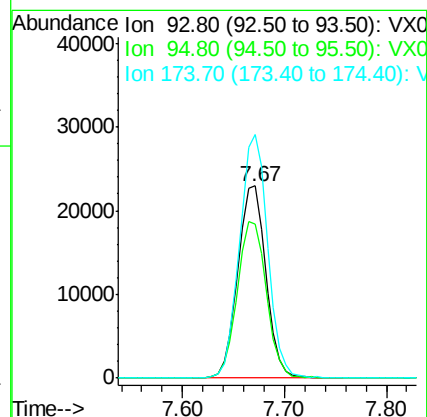
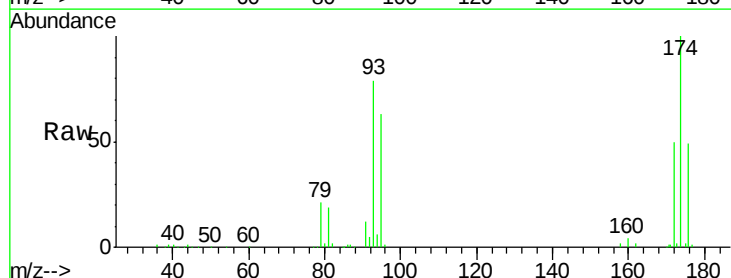
Tgt Ion: 93 Resp: 43886

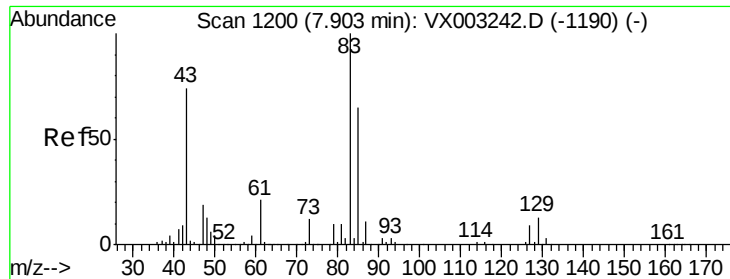
Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

174 126.2 92.4 138.6





#47

Bromodichloromethane

Concen: 18.64 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

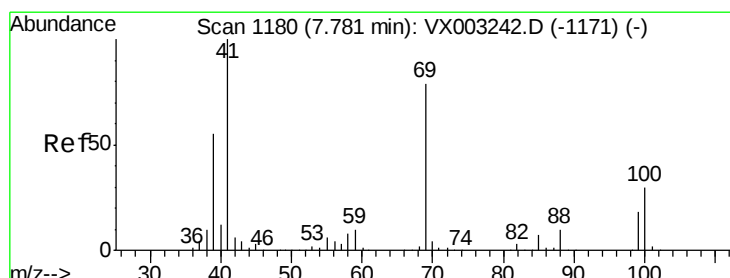
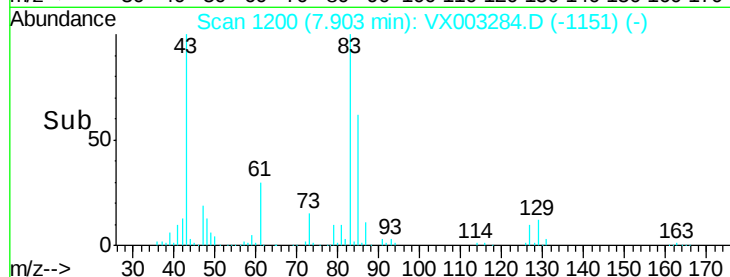
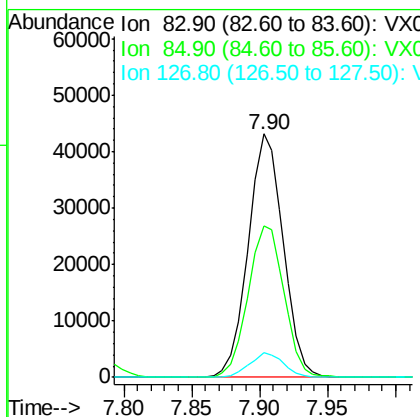
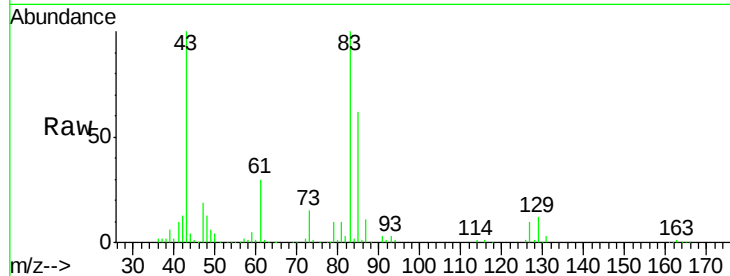
ClientSampleId :

VX0710MBS01

Tot Ion:	83	Resp:	77854
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.3	75.5
127	10.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.62 ug/l

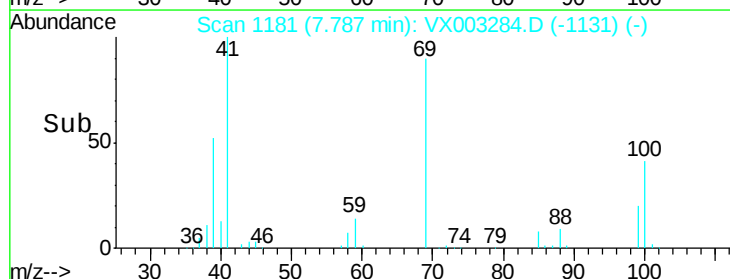
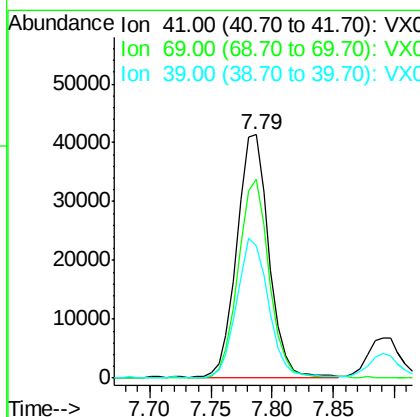
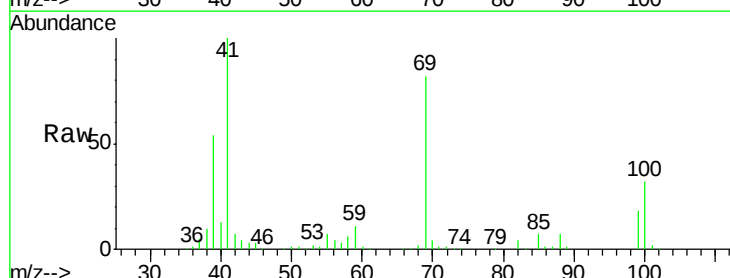
RT: 7.79 min Scan# 1181

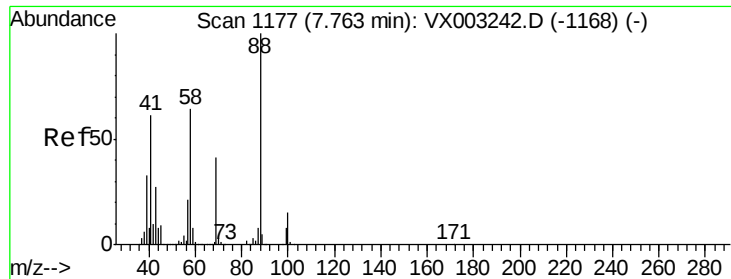
Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Tgt Ion:	41	Resp:	74682
Ion	Ratio	Lower	Upper
41	100		
69	80.1	59.1	88.7
39	56.9	48.9	73.3





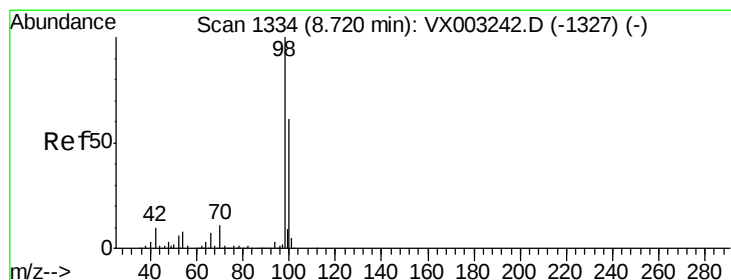
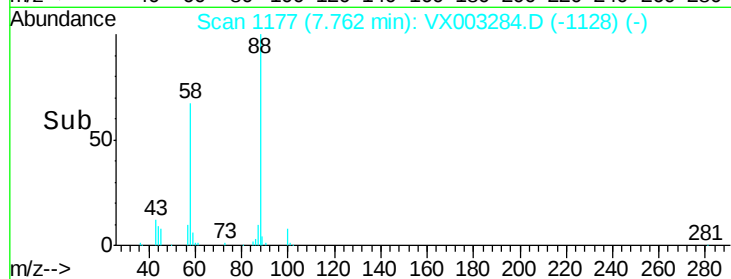
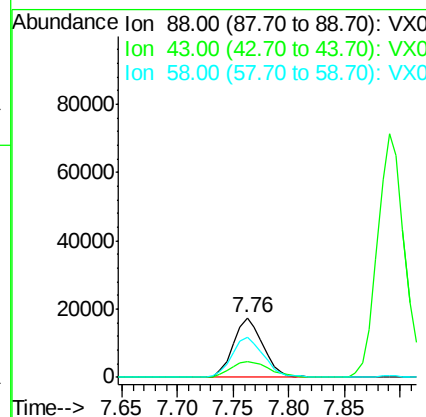
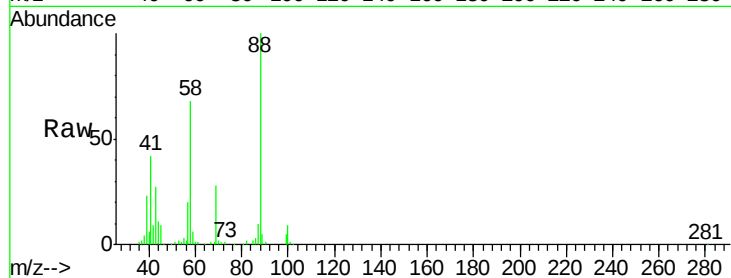
#49
1,4-Dioxane
Concen: 406.08 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	29.8	44.6
58	72.6	57.1	85.7

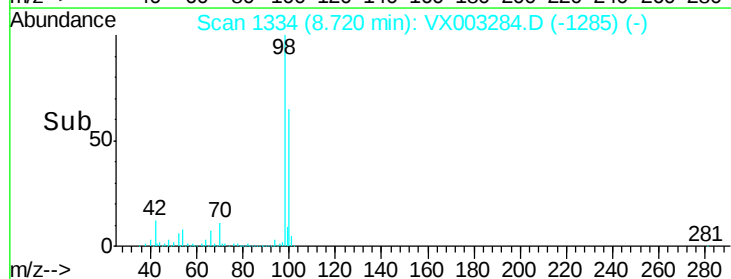
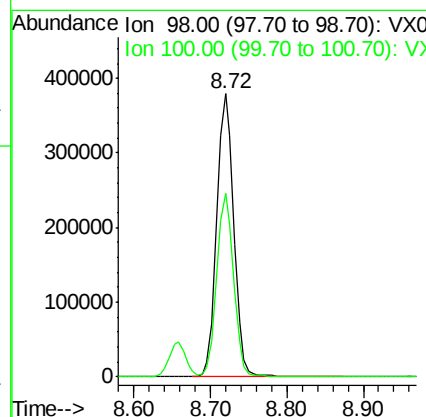
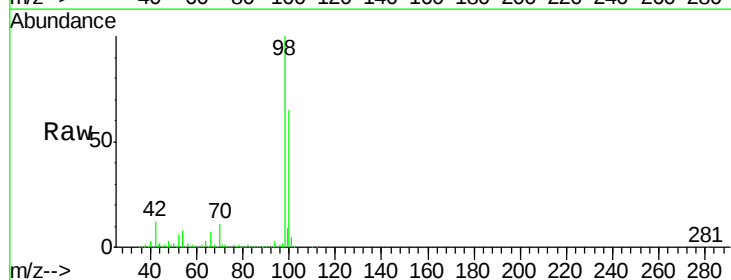
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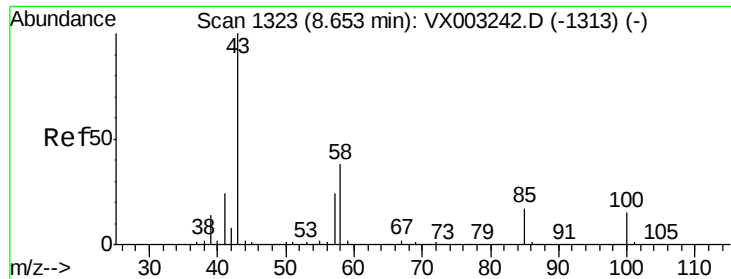
MMDadoda
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#50
Toluene-d8
Concen: 50.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3





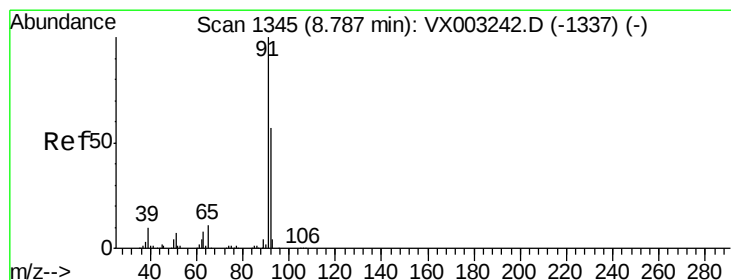
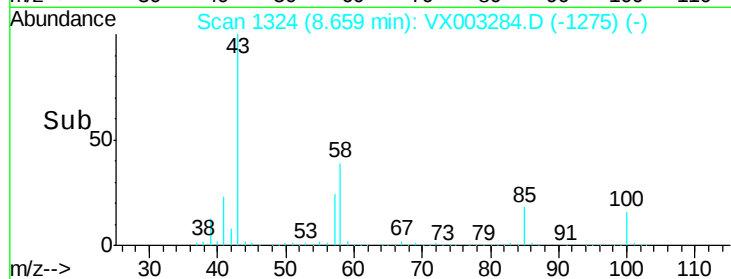
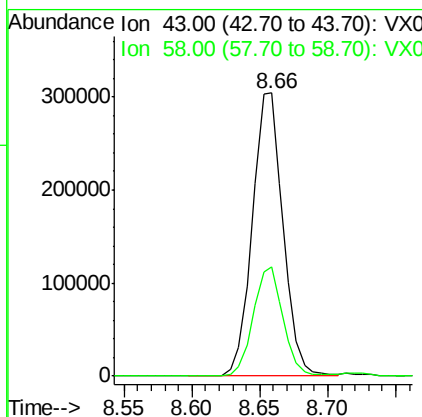
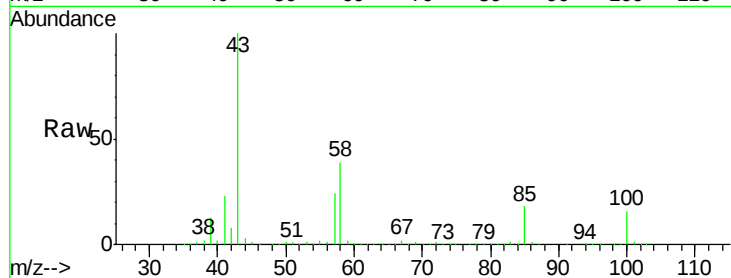
#51
4-Methyl-2-Pentanone
Concen: 104.42 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion: 43 Resp: 482490
Ion Ratio Lower Upper
43 100
58 37.6 28.6 42.8

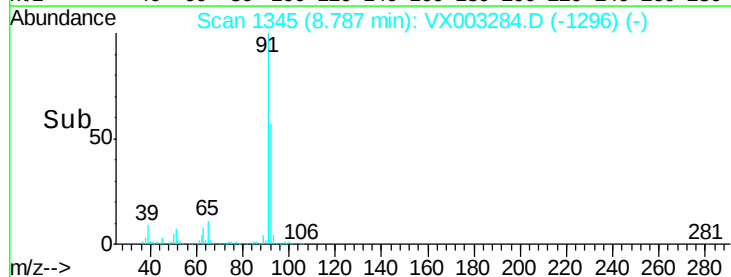
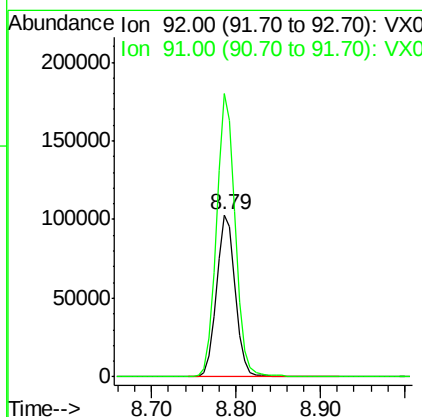
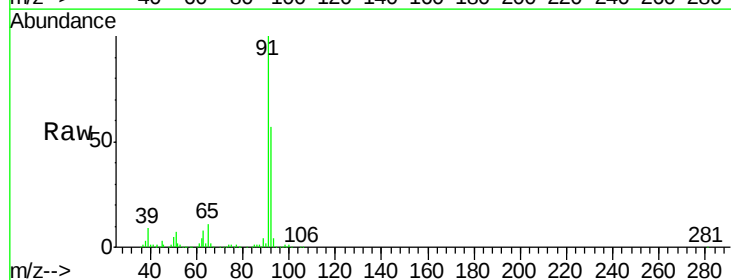
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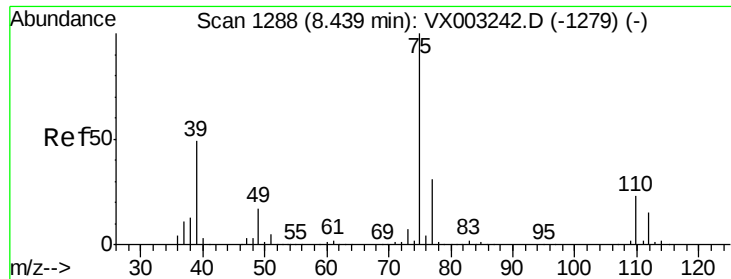
MMDadoda
7/11/2018 3:09:26 PM



#52
Toluene
Concen: 19.75 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 92 Resp: 159484
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6





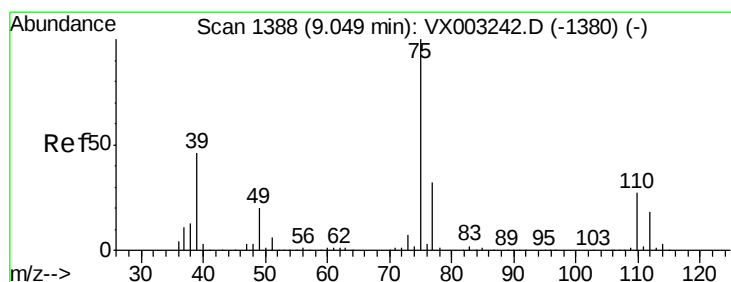
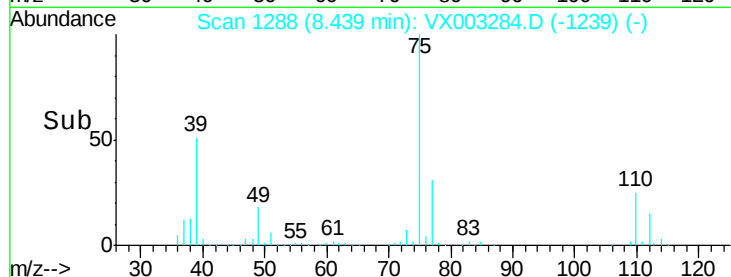
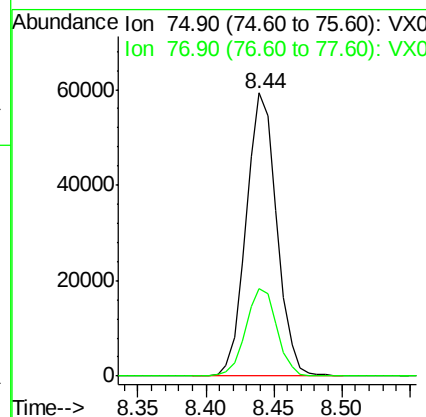
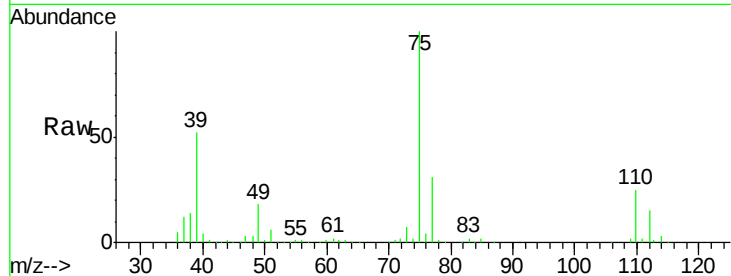
#53
t-1,3-Dichloropropene
Concen: 19.01 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion: 75 Resp: 93433
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

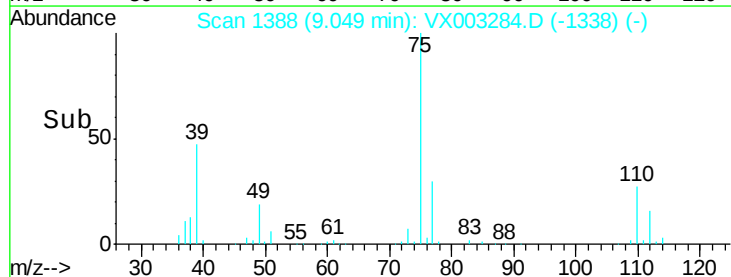
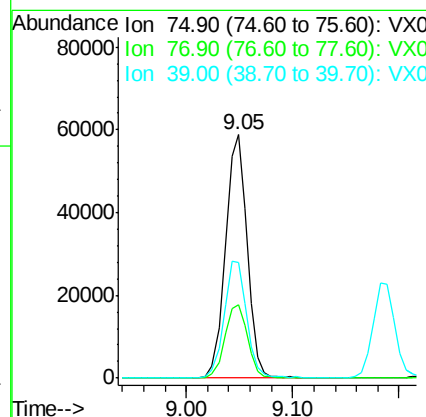
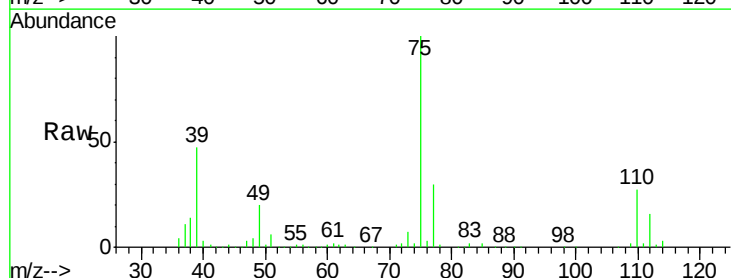
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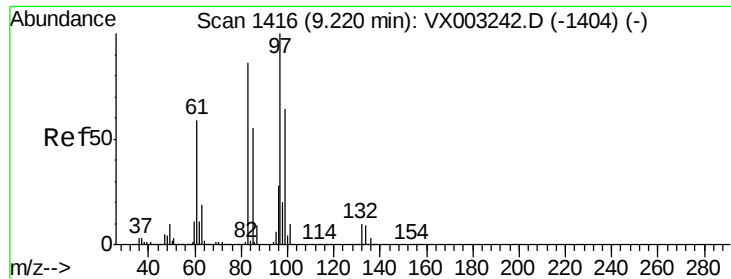
MMDadoda
7/11/2018 3:09:26 PM



#54
cis-1,3-Dichloropropene
Concen: 18.68 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 75 Resp: 83560
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2
39 47.0 42.4 63.6





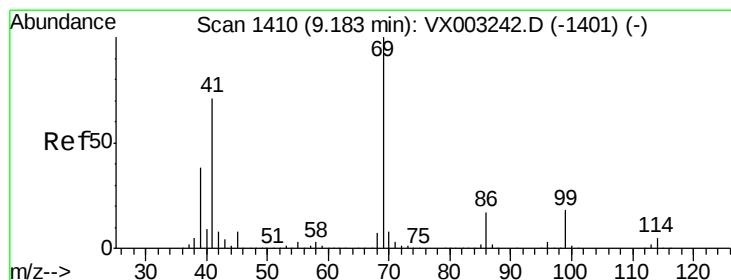
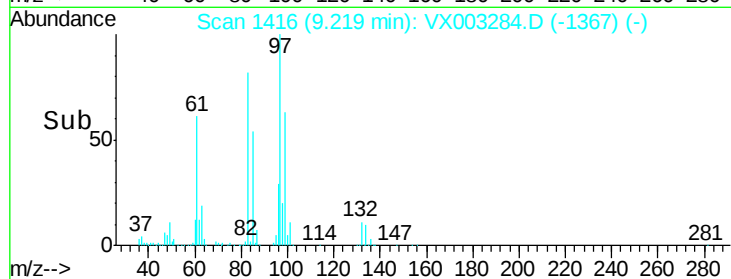
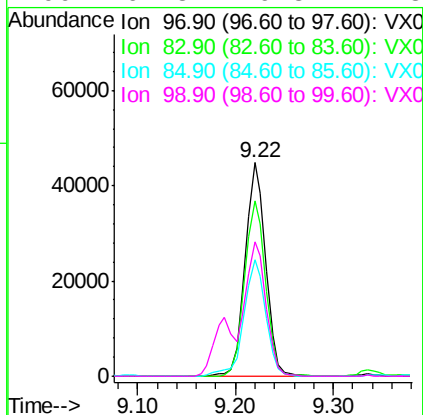
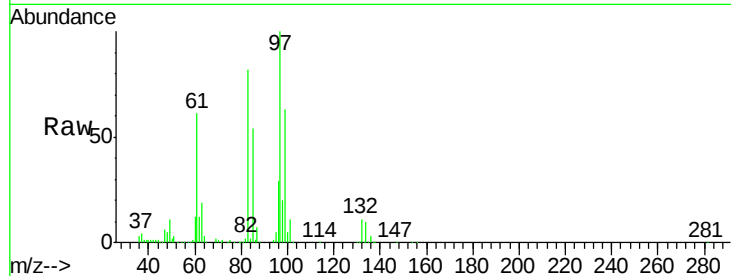
#55
 1,1,2-Trichloroethane
 Concen: 19.45 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion:	97	Resp:	65155
Ion	Ratio	Lower	Upper
97	100		
83	82.3	70.2	105.2
85	54.3	44.9	67.3
99	62.8	49.8	74.8

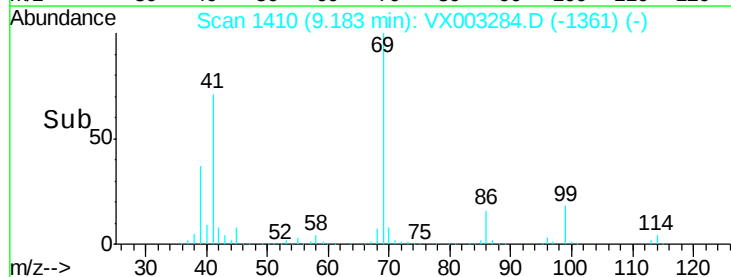
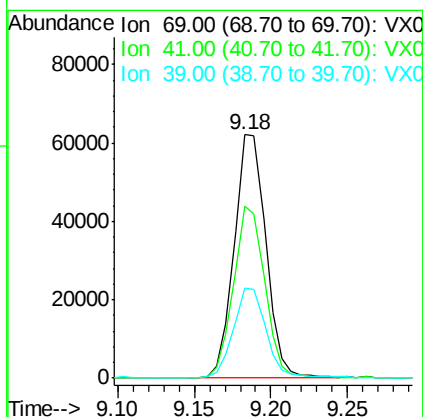
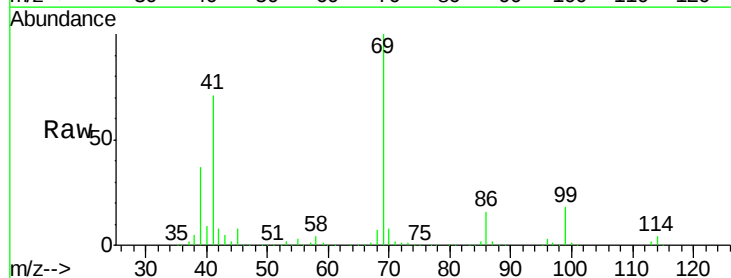
Manual Integrations
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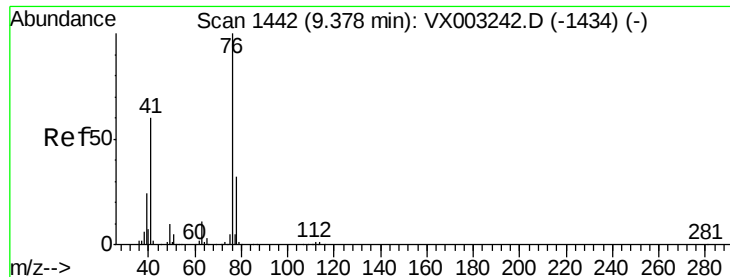
MMDadoda
 7/11/2018 3:09:26 PM



#56
 Ethyl methacrylate
 Concen: 19.52 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion:	69	Resp:	89576
Ion	Ratio	Lower	Upper
69	100		
41	69.3	60.3	90.5
39	37.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.57 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 76 Resp: 105592

Ion Ratio Lower Upper

76 100

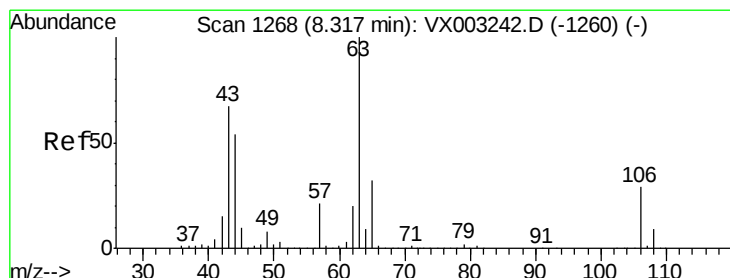
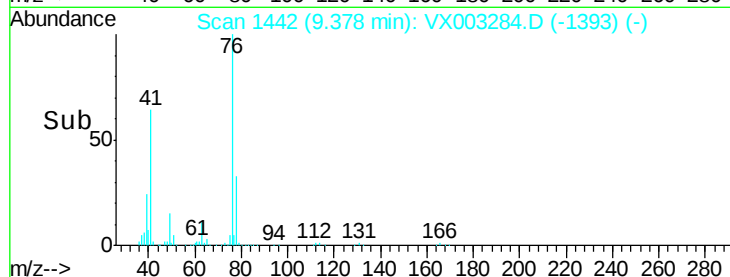
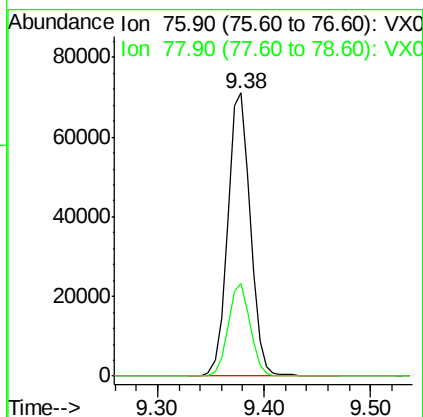
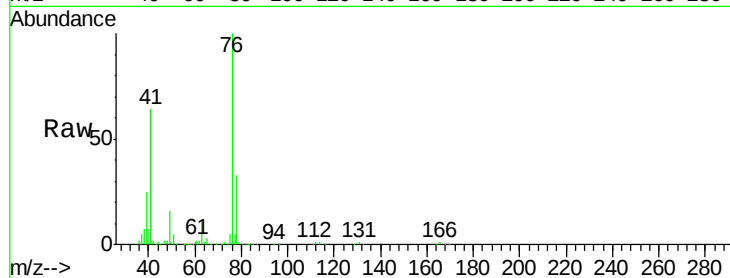
78 32.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 108.31 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003284.D

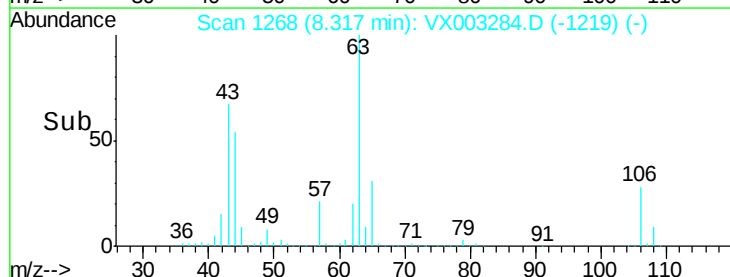
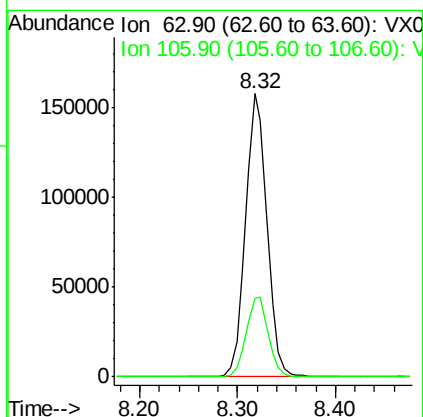
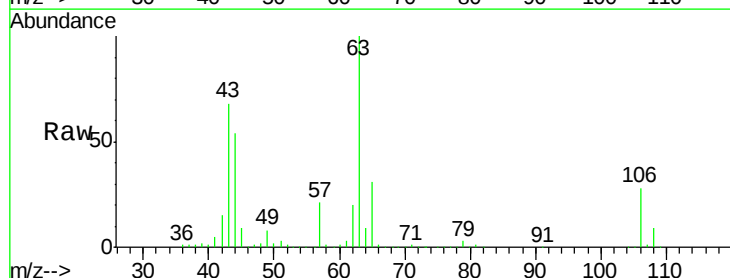
Acq: 10 Jul 2018 15:15

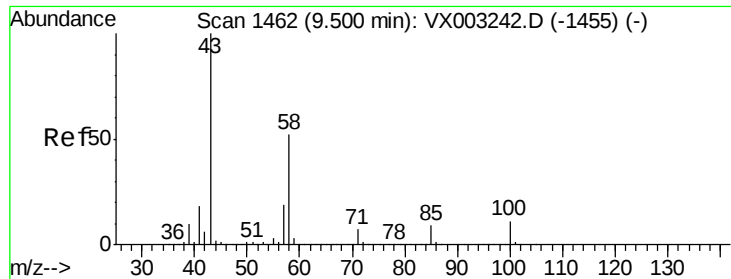
Tgt Ion: 63 Resp: 239760

Ion Ratio Lower Upper

63 100

106 29.2 21.8 32.8





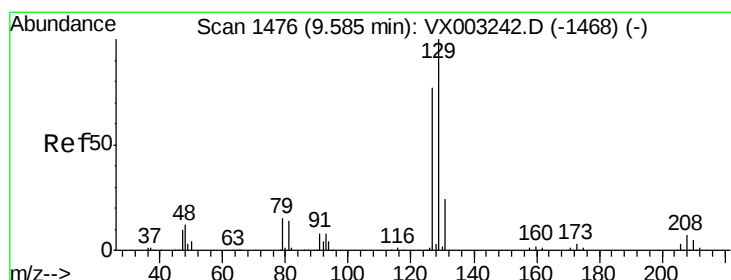
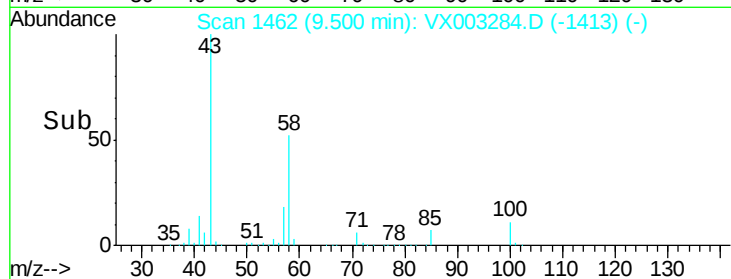
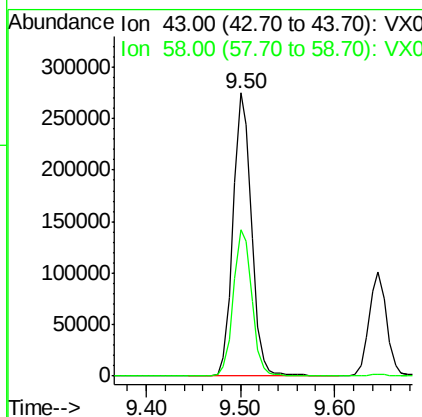
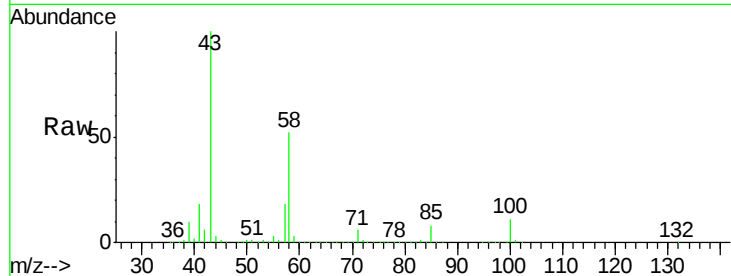
#59
2-Hexanone
Concen: 106.41 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion: 43 Resp: 373457
Ion Ratio Lower Upper
43 100
58 52.0 24.6 73.6

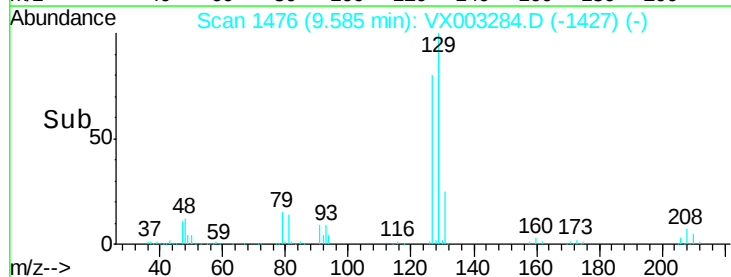
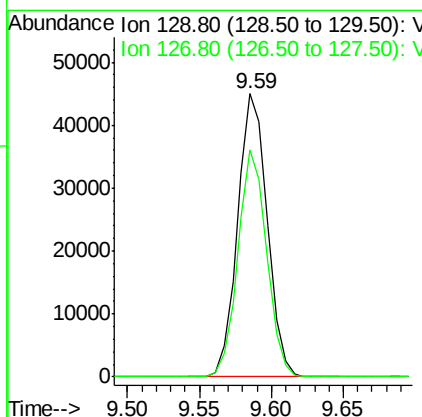
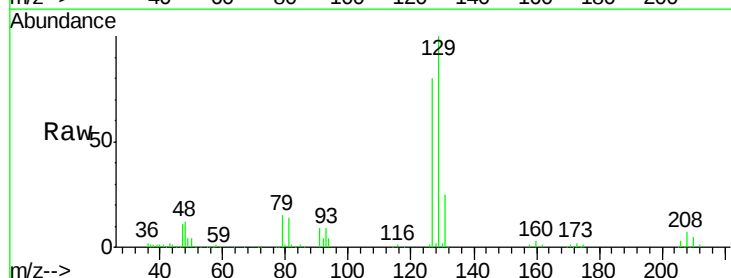
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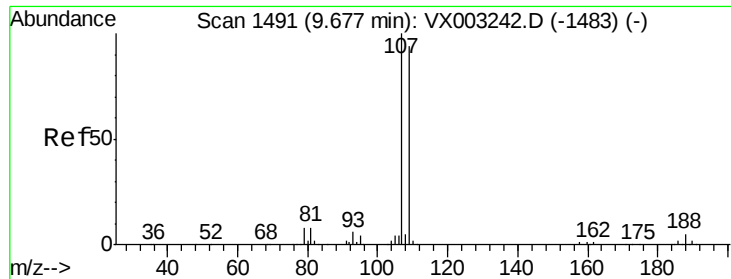
MMDadoda
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#60
Dibromochloromethane
Concen: 18.34 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 129 Resp: 64165
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





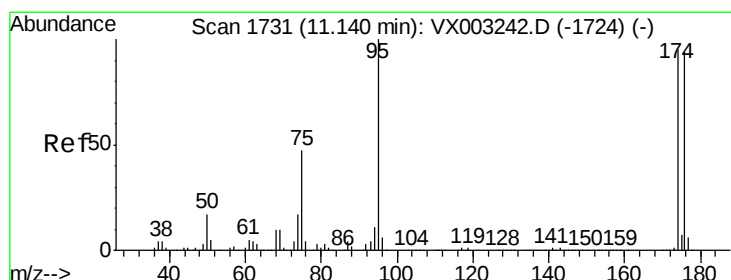
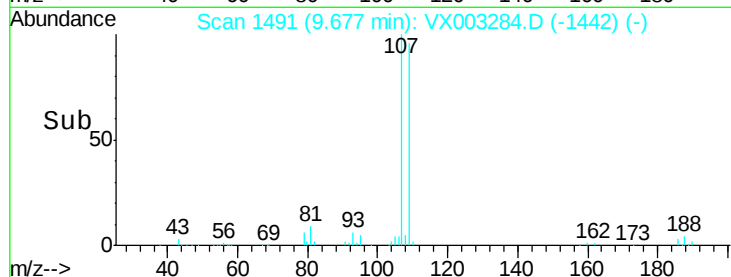
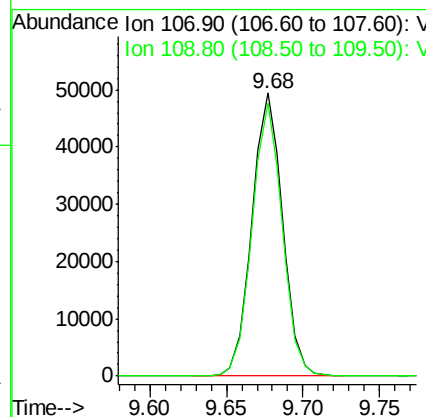
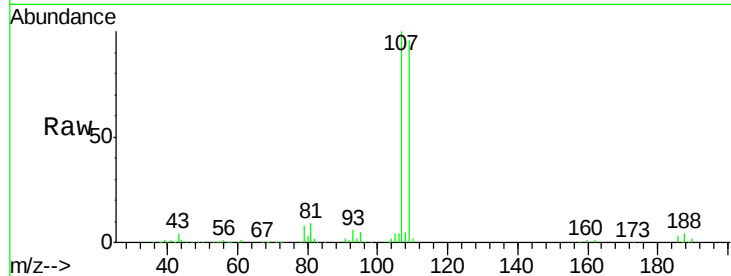
#61
 1,2-Dibromoethane
 Concen: 19.51 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.3	112.9

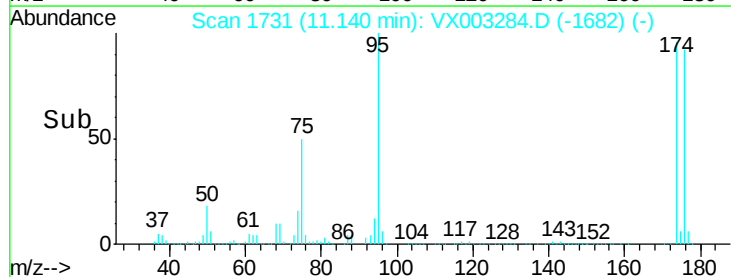
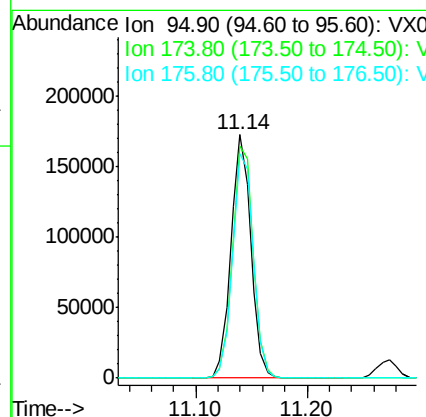
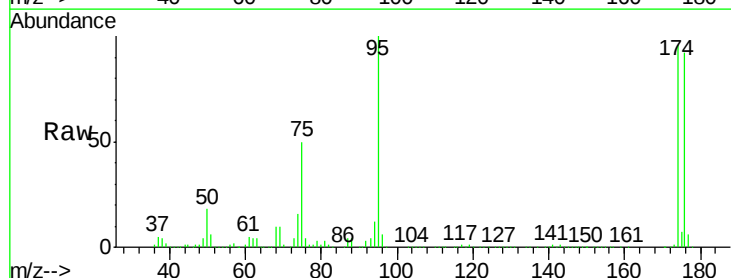
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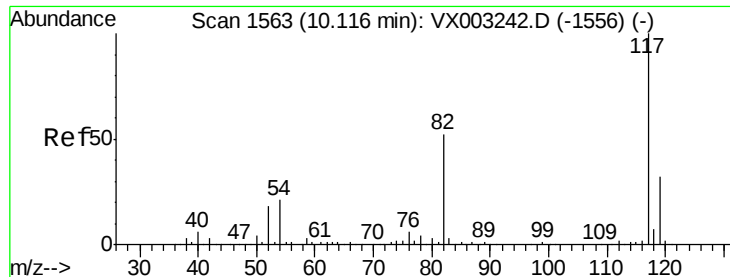
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.63 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.5	0.0	187.4
176	96.1	0.0	181.0





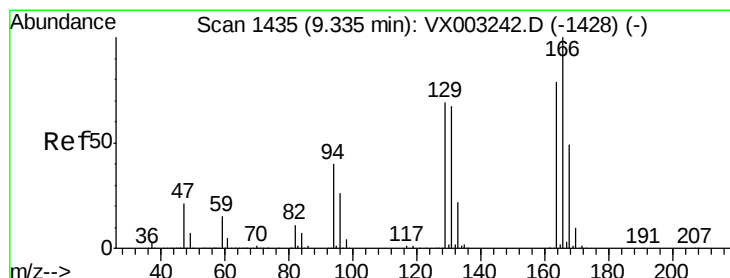
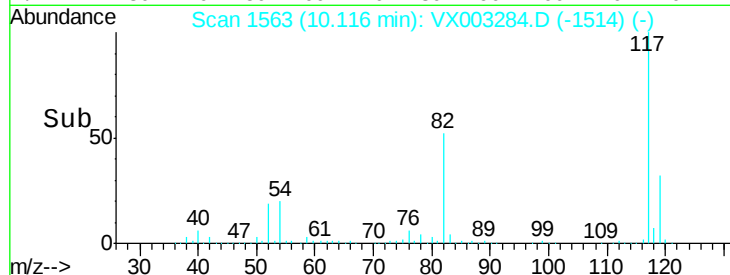
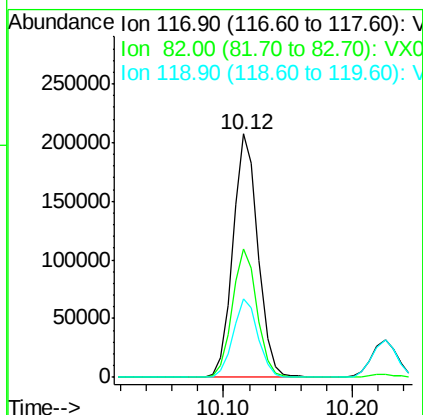
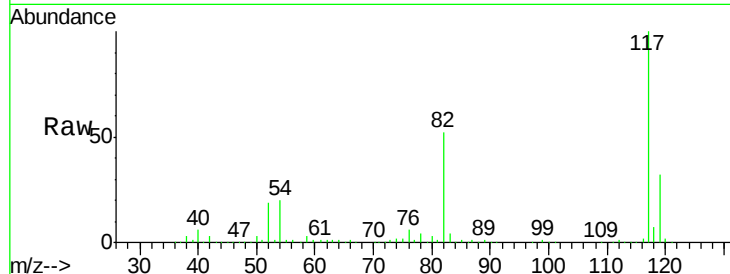
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.0	67.4
119	32.4	25.8	38.6

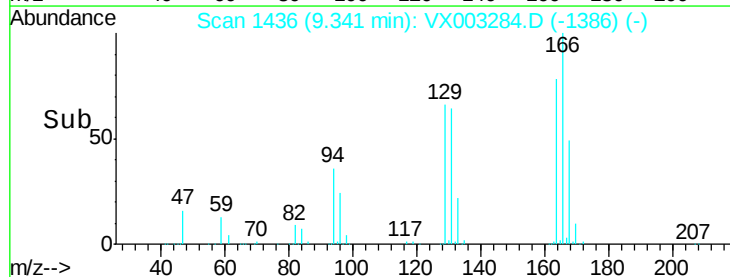
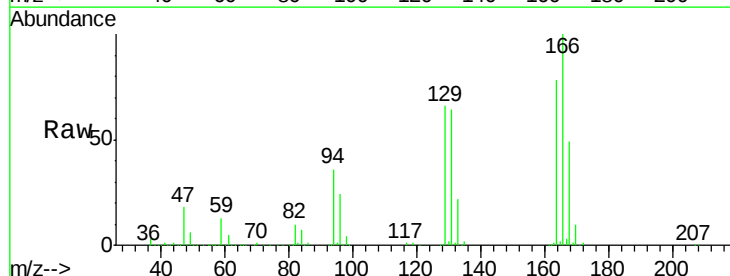
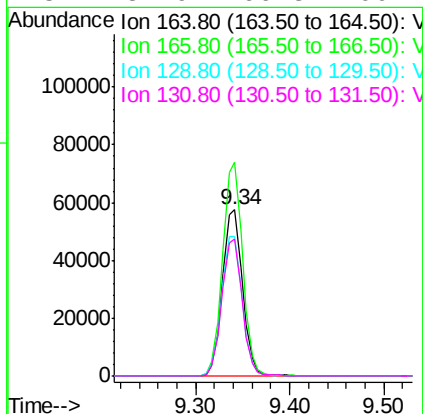
Manual Integrations
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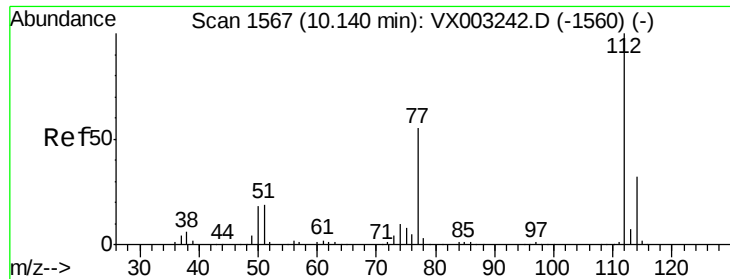
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#64
Tetrachloroethene
Concen: 20.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.9	154.3
129	84.4	68.6	102.8
131	82.9	66.8	100.2





#65

Chlorobenzene

Concen: 19.13 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampled :

VX0710MBS01

Tot Ion:112 Resp: 182823

Ion Ratio Lower Upper

112 100

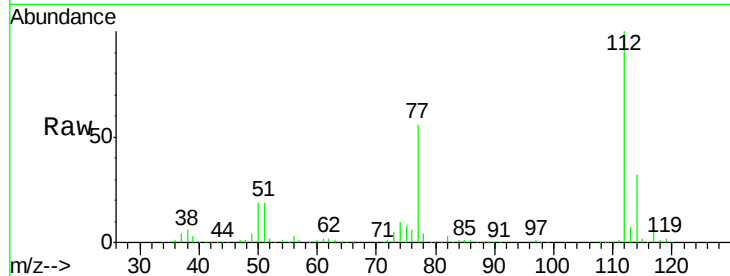
114 31.7 25.3 37.9

Manual Integrations

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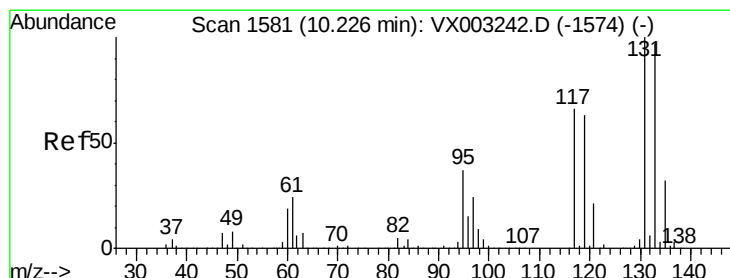
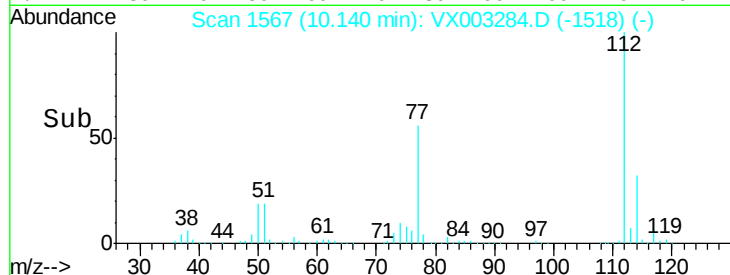
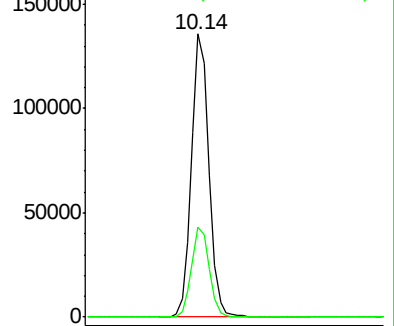
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.36 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

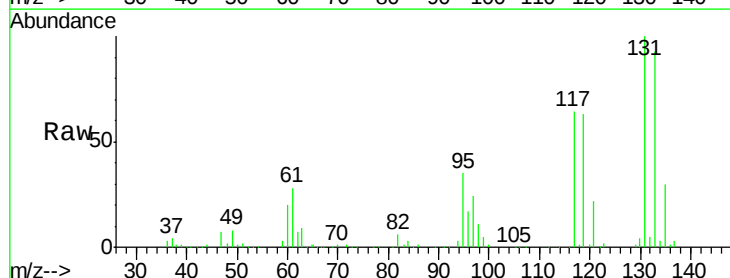
Tgt Ion:131 Resp: 66739

Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.6

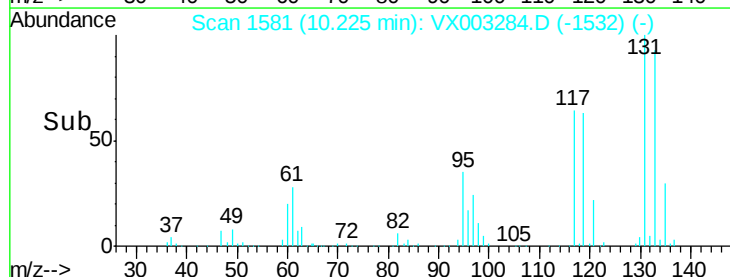
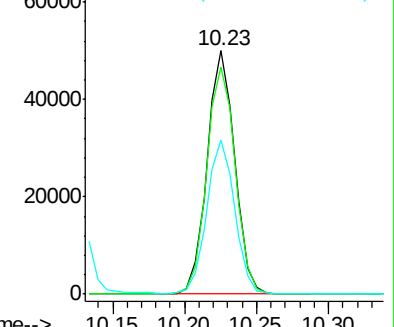
119 64.1 31.8 95.3

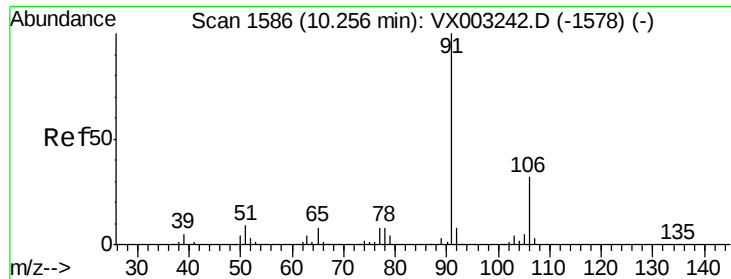


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





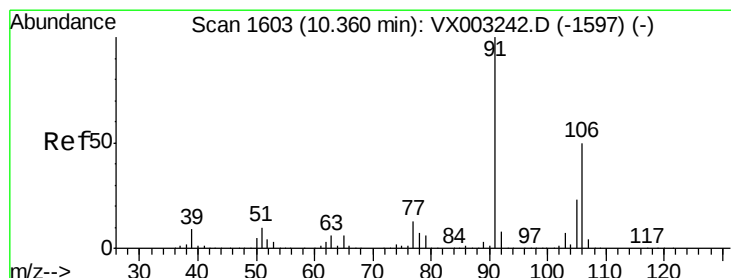
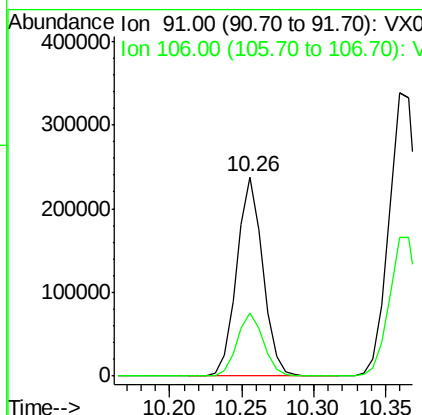
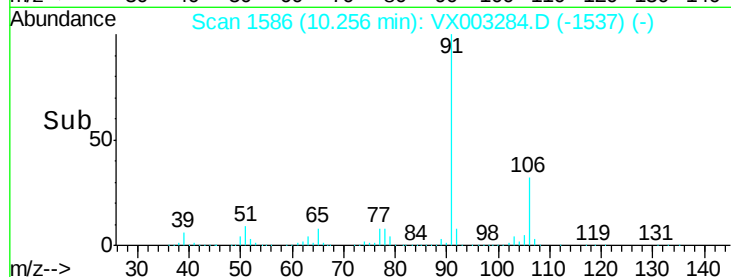
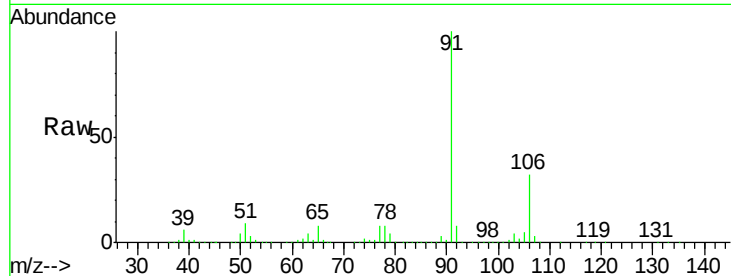
#67
Ethyl Benzene
Concen: 19.50 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion: 91 Resp: 301363
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

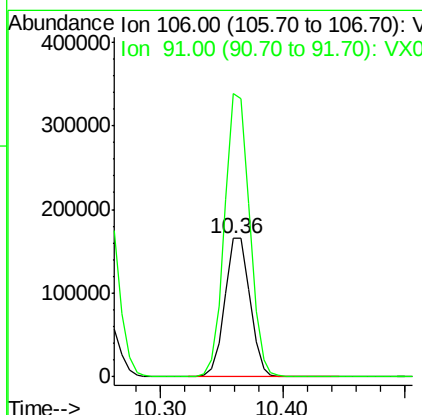
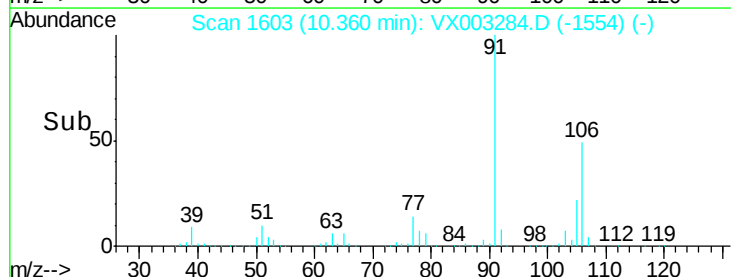
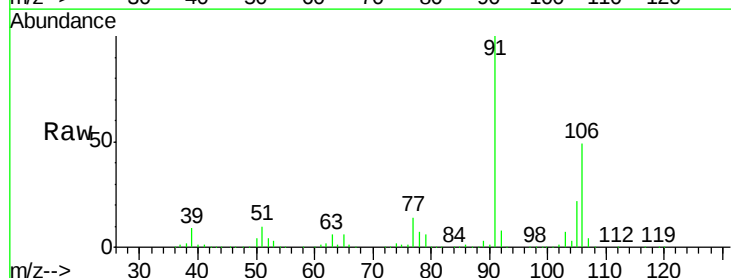
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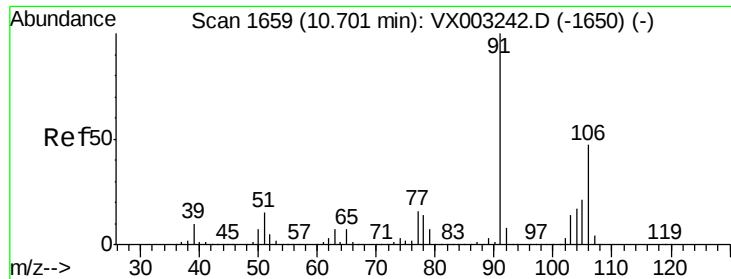
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#68
m/p-Xylenes
Concen: 39.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 106 Resp: 235608
Ion Ratio Lower Upper
106 100
91 202.5 163.4 245.2





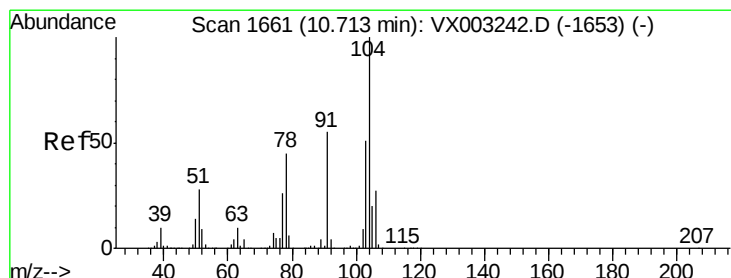
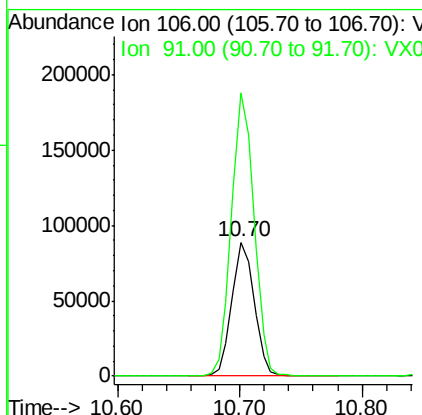
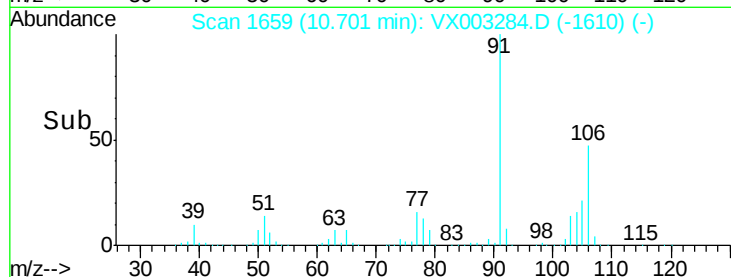
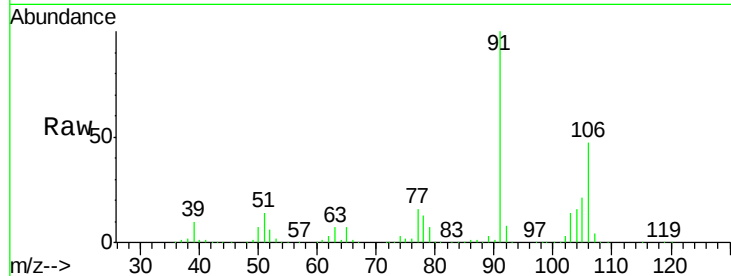
#69
o-Xylene
Concen: 19.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampled :
VX0710MBS01

Tot Ion:106 Resp: 112709
Ion Ratio Lower Upper
106 100
91 213.3 108.2 324.6

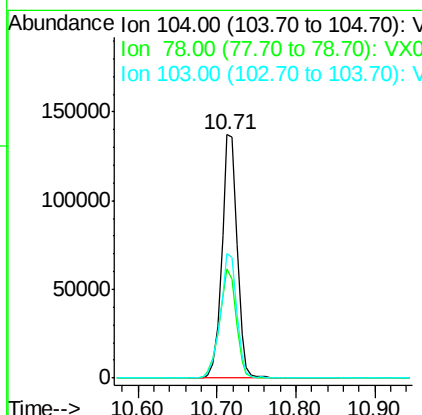
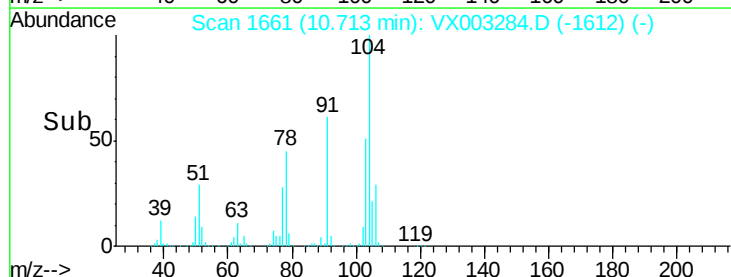
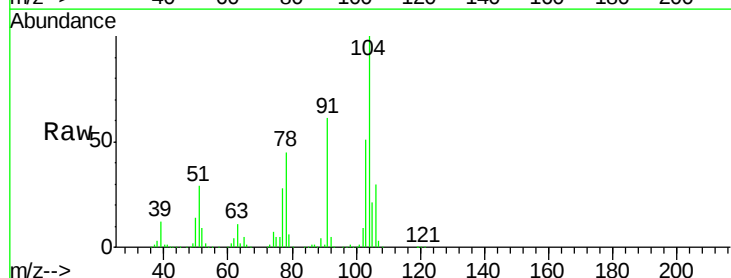
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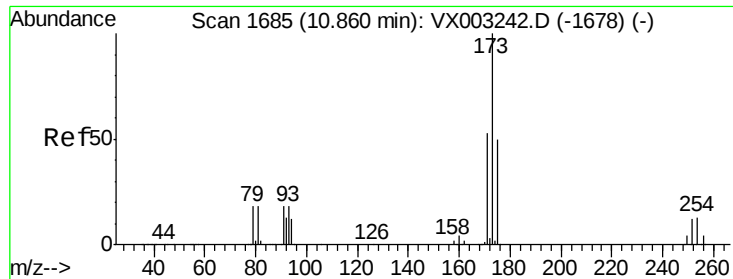
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#70
Styrene
Concen: 19.66 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion:104 Resp: 185691
Ion Ratio Lower Upper
104 100
78 49.0 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 17.63 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

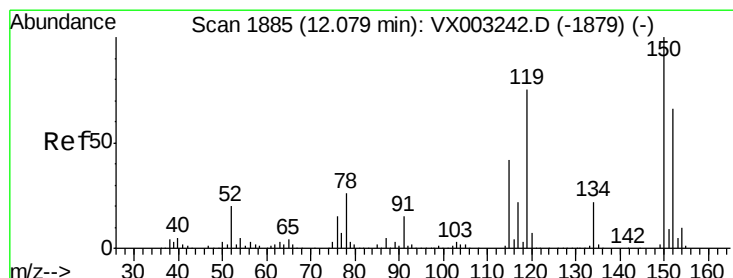
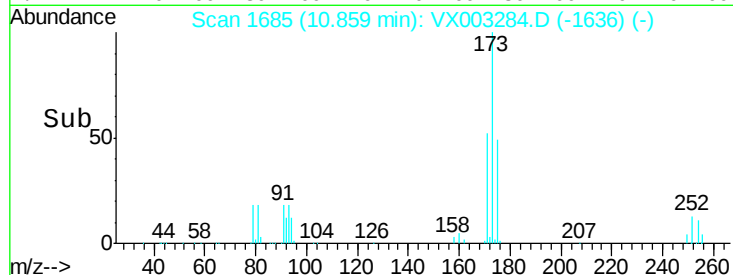
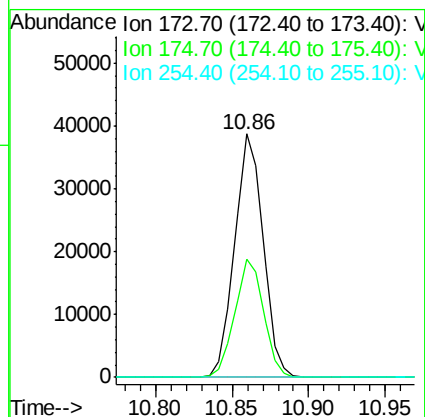
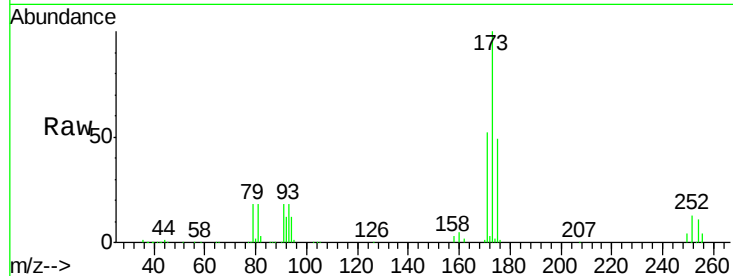
ClientSampleId :

VX0710MBS01

Tot Ion:173 Resp: 50004
 Ion Ratio Lower Upper
 173 100
 175 49.1 24.7 74.1
 254 0.1 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

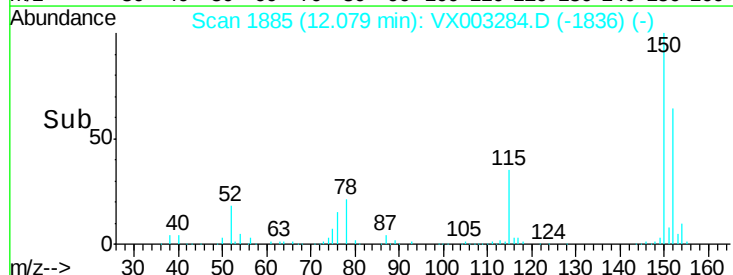
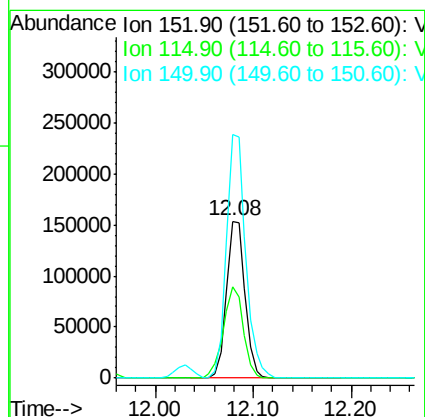
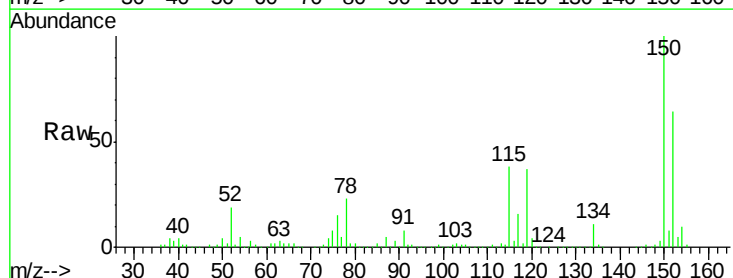
RT: 12.08 min Scan# 1885

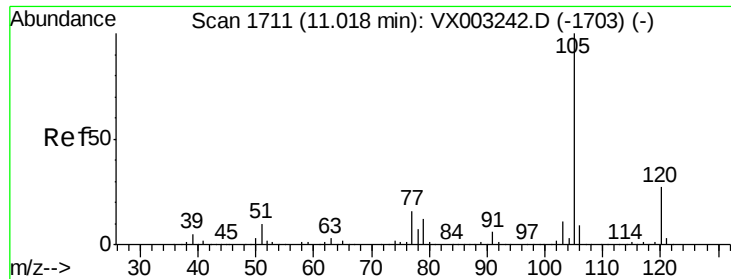
Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Tgt Ion:152 Resp: 200094
 Ion Ratio Lower Upper
 152 100
 115 63.4 40.1 120.2
 150 162.4 0.0 347.2





#73

Isopropylbenzene

Concen: 19.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion:105 Resp: 310827

Ion Ratio Lower Upper

105 100

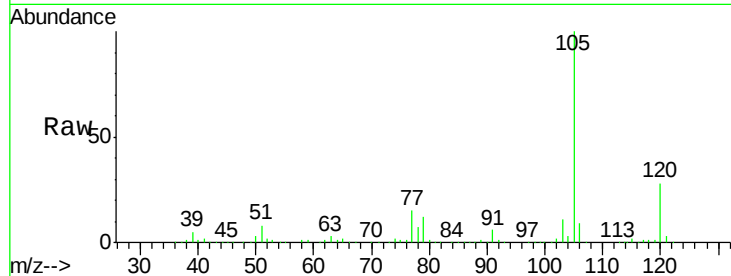
120 27.2 13.5 40.4

Manual Integrations

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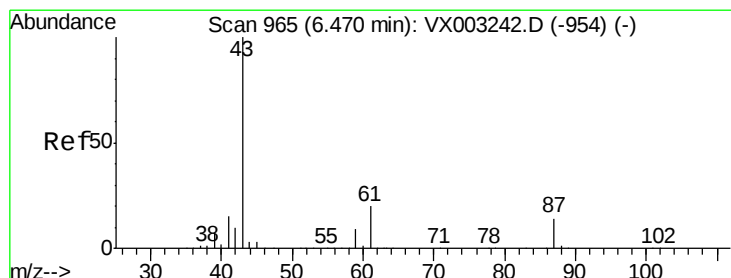
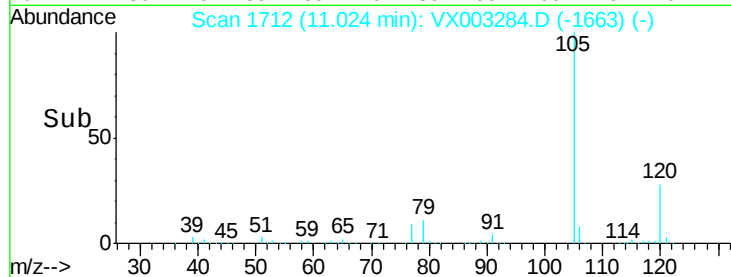
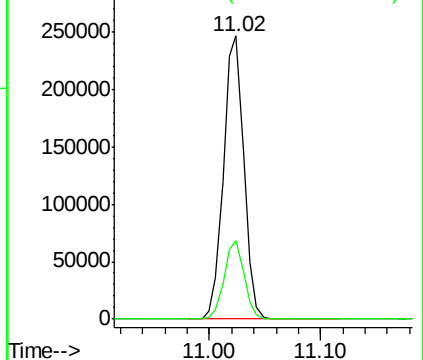
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Tgt Ion: 43 Resp: 145410

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

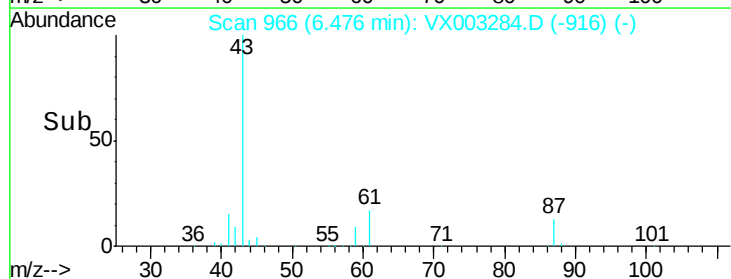
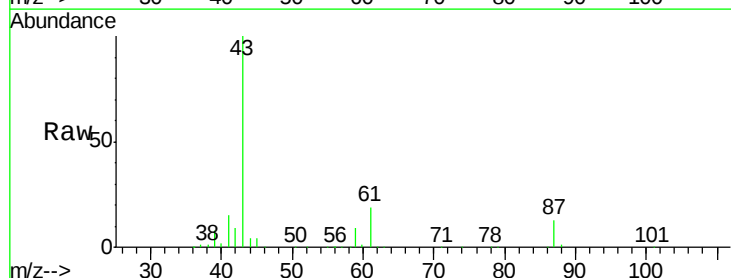
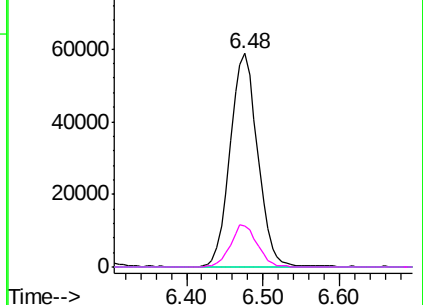
61 19.4 14.4 21.6

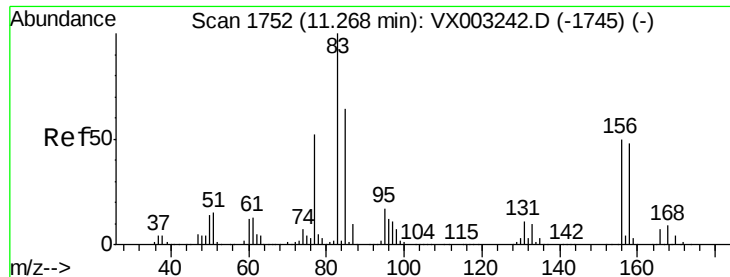
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

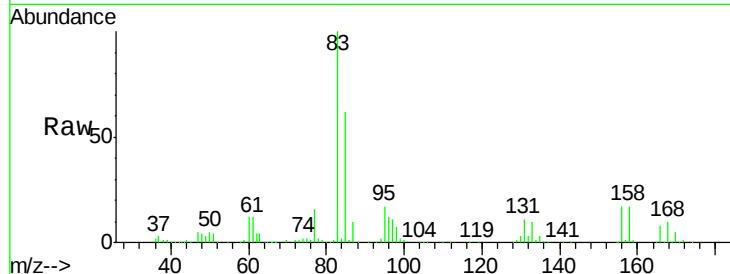
ClientSampleId :

VX0710MBS01

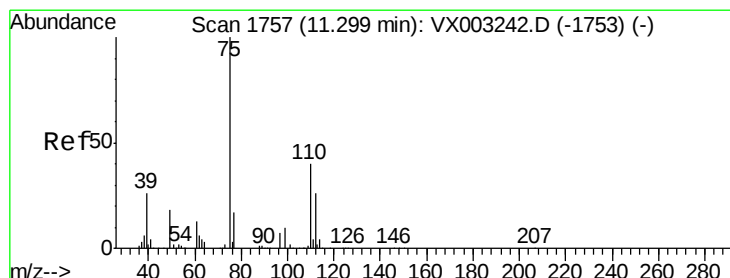
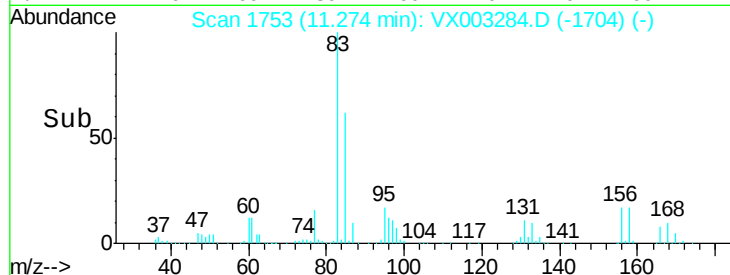
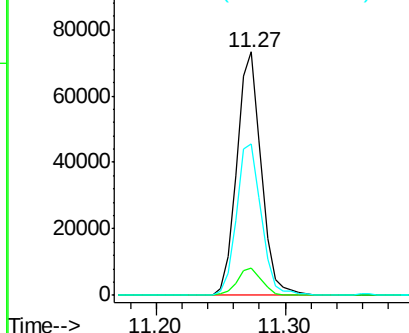
Tot Ion:	83	Resp:	96387
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.6	16.8
85	63.8	32.4	97.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.36 ug/l m

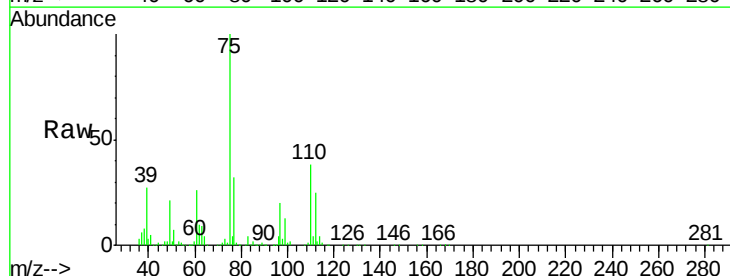
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

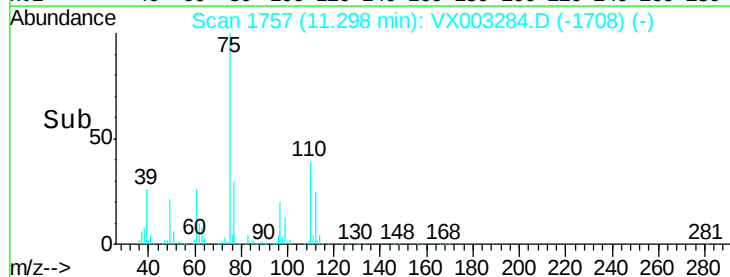
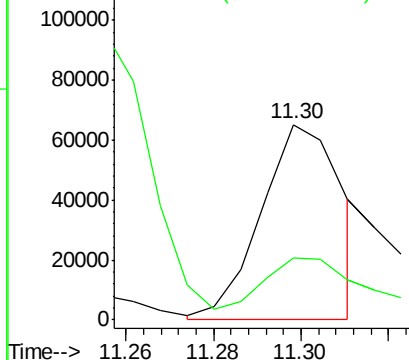
Lab File: VX003284.D

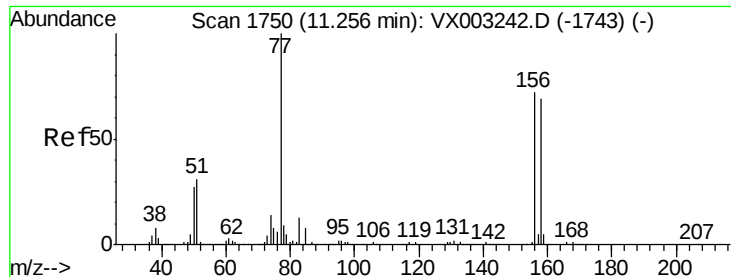
Acq: 10 Jul 2018 15:15

Tgt Ion:	75	Resp:	83709
Ion Ratio	Lower	Upper	
75	100		
77	42.1	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.43 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion:156 Resp: 88619

Ion Ratio Lower Upper

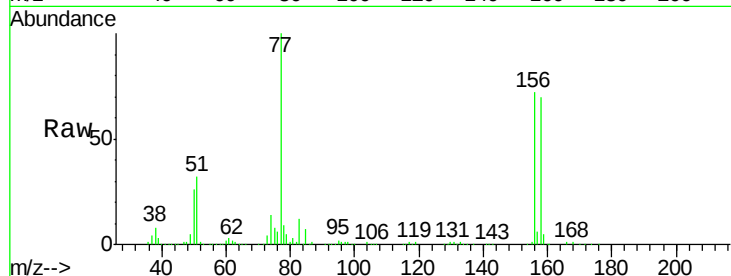
156 100

77 133.2 71.4 214.2

158 97.2 48.9 146.6

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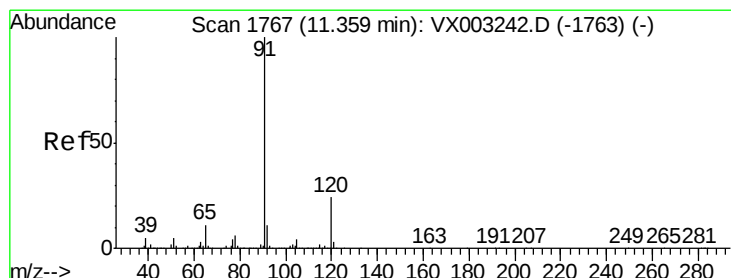
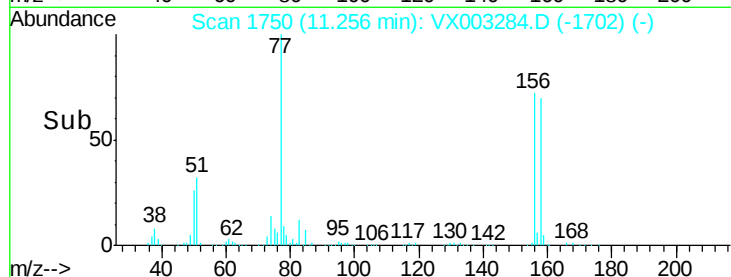
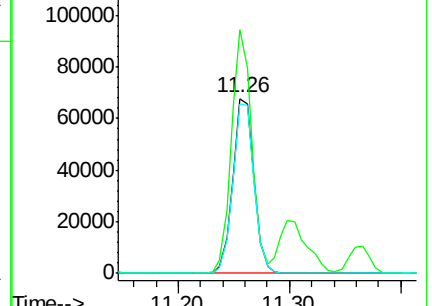
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.93 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003284.D

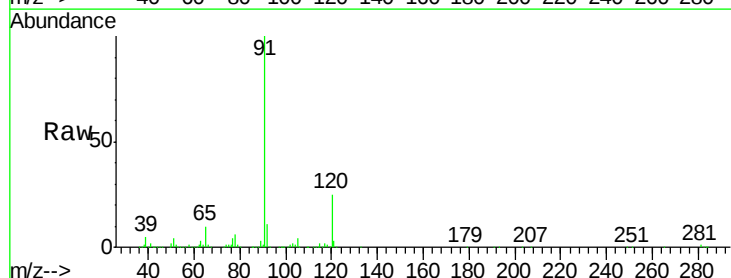
Acq: 10 Jul 2018 15:15

Tgt Ion: 91 Resp: 350113

Ion Ratio Lower Upper

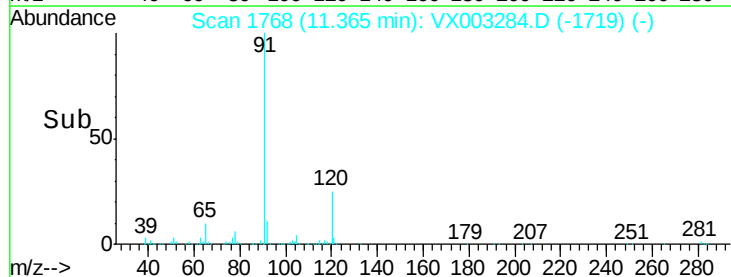
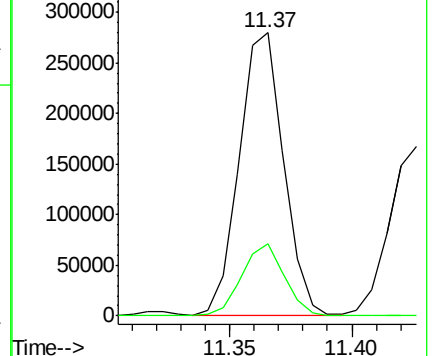
91 100

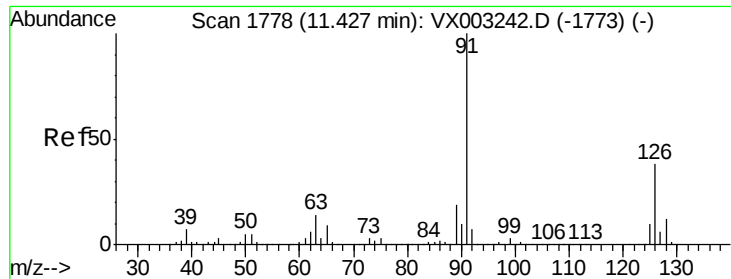
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.60 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion: 91 Resp: 209751

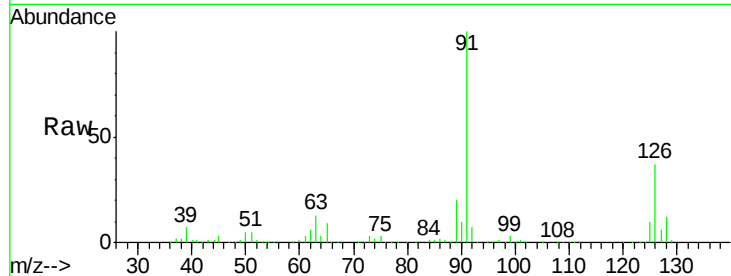
Ion Ratio Lower Upper

91 100

126 36.3 17.7 53.1

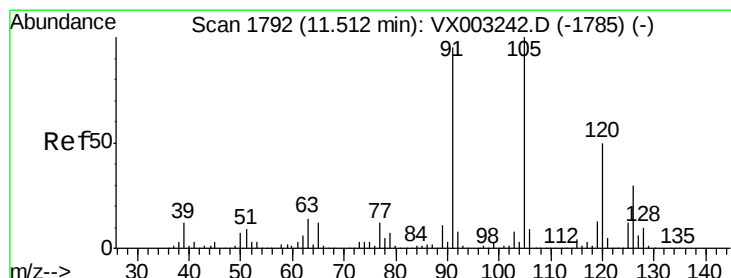
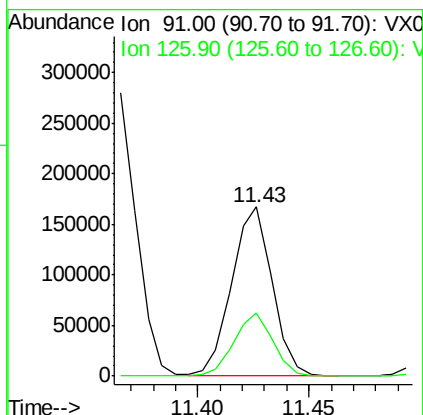
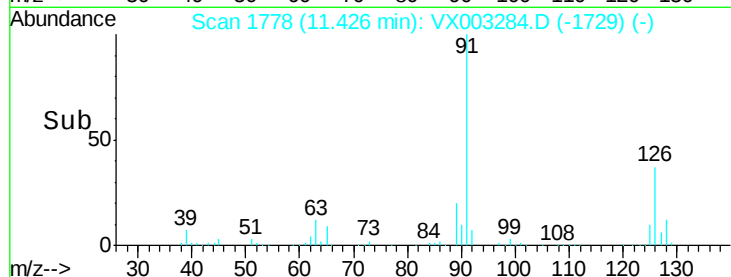
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX003242.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003242.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.76 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003284.D

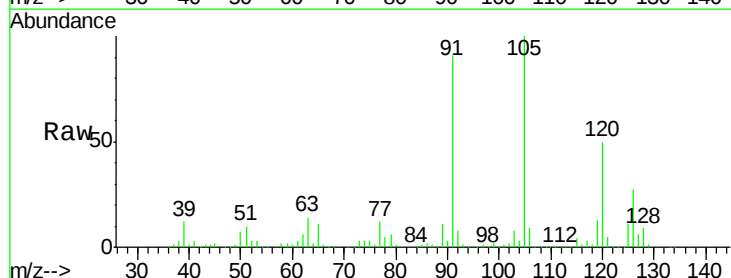
Acq: 10 Jul 2018 15:15

Tgt Ion: 105 Resp: 259964

Ion Ratio Lower Upper

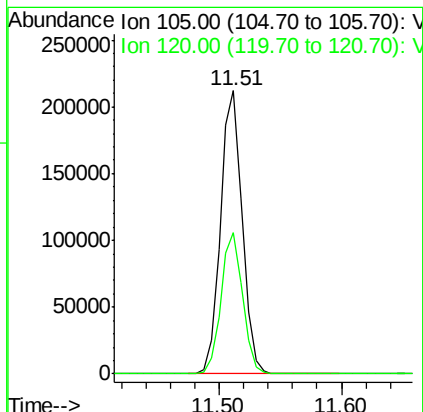
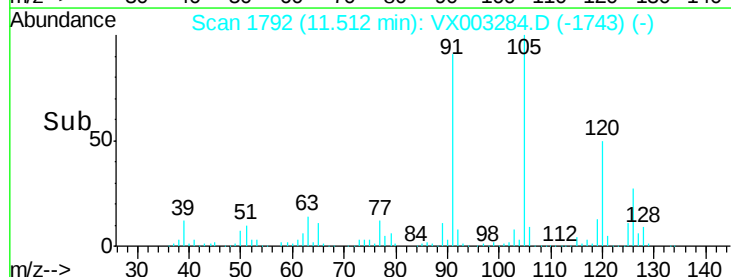
105 100

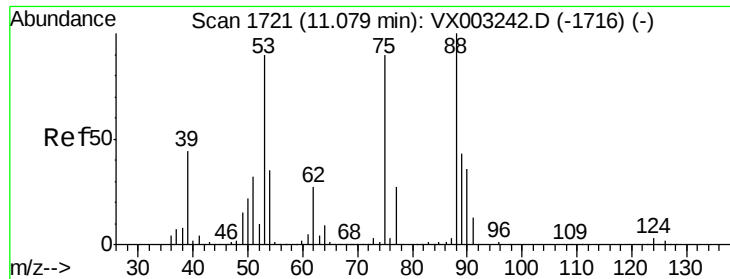
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003242.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003242.D (-1785) (-)





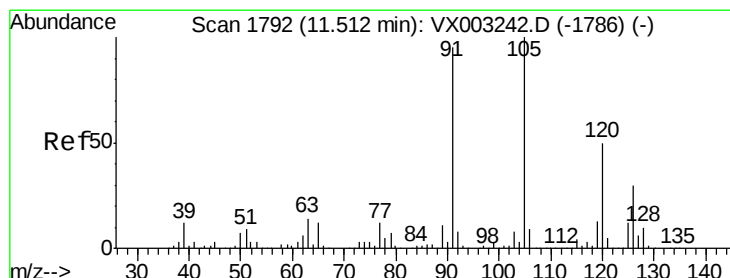
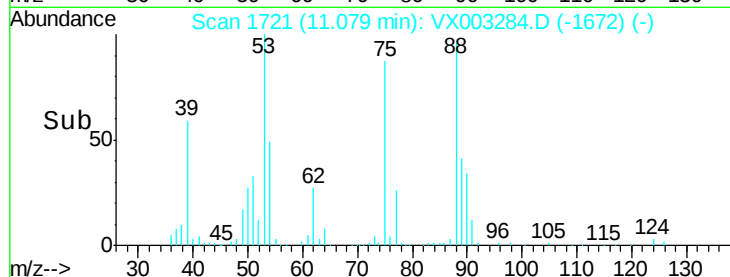
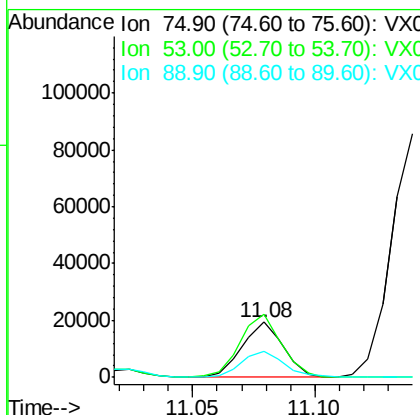
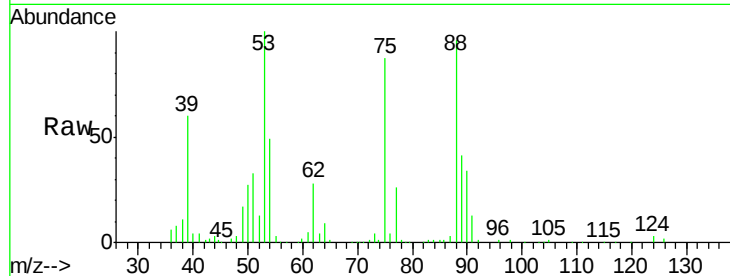
#81
trans-1,4-Dichloro-2-butene
Concen: 17.10 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion: 75 Resp: 22622
Ion Ratio Lower Upper
75 100
53 116.8 86.8 130.2
89 50.8 38.2 57.2

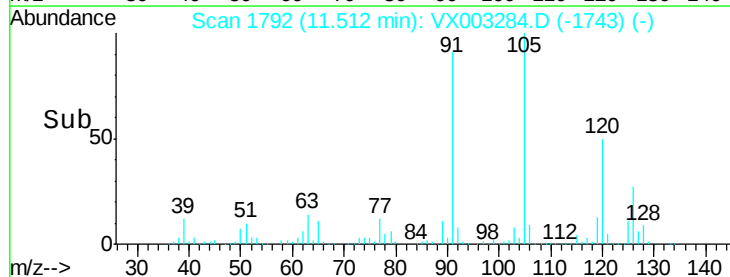
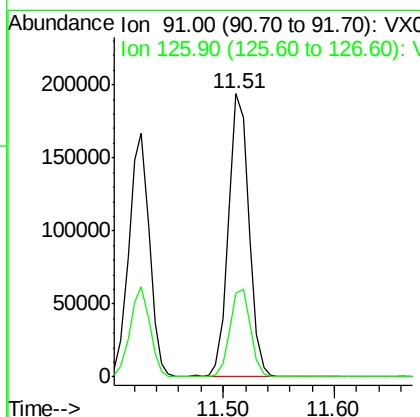
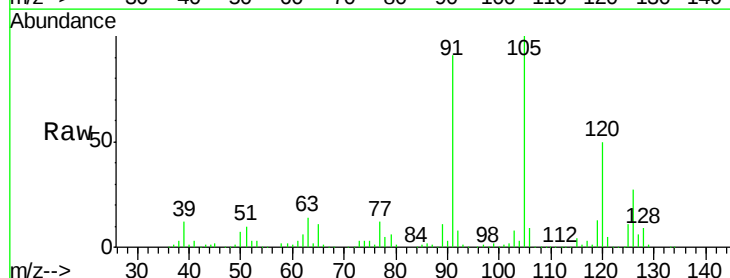
Manual Integrations
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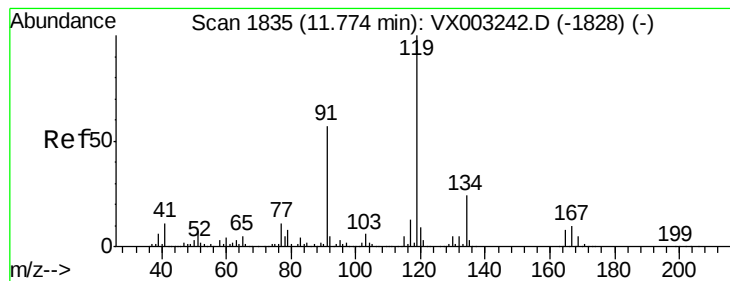
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#82
4-Chlorotoluene
Concen: 19.68 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion: 91 Resp: 245856
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.4





#83

tert-Butylbenzene

Concen: 19.14 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion:119 Resp: 251485

Ion Ratio Lower Upper

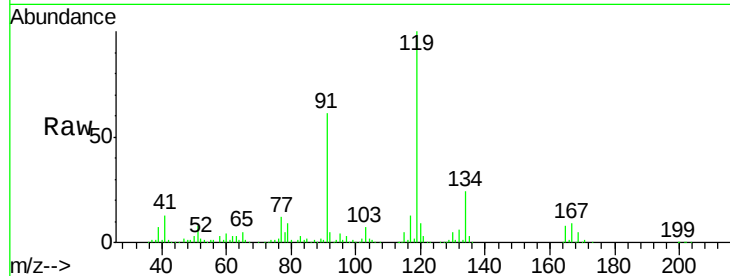
119 100

91 58.2 30.3 90.9

134 24.3 11.7 35.1

Manual Integrations
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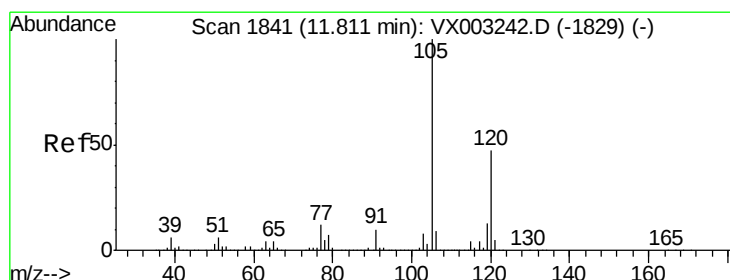
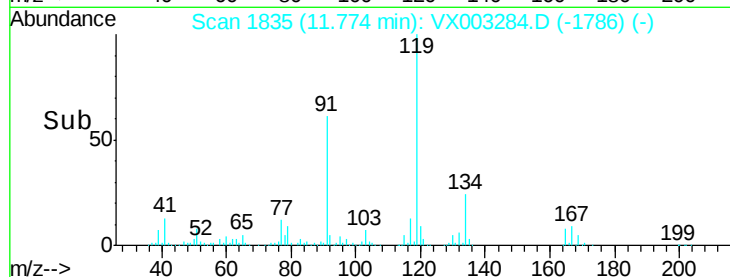
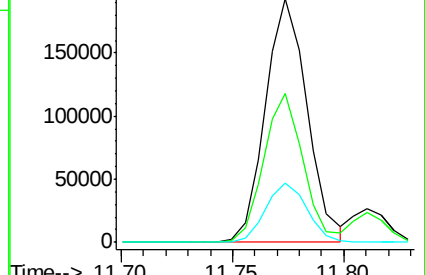
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.72 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003284.D

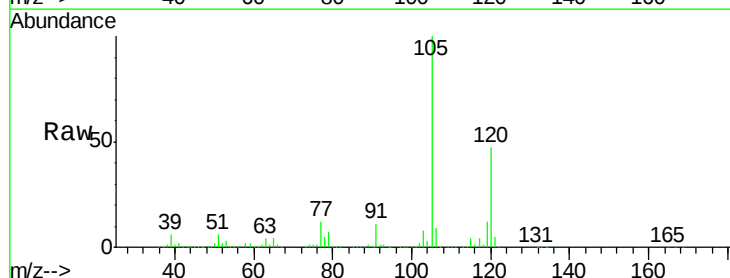
Acq: 10 Jul 2018 15:15

Tgt Ion:105 Resp: 265621

Ion Ratio Lower Upper

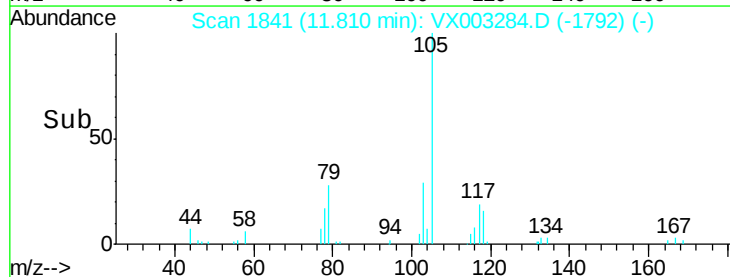
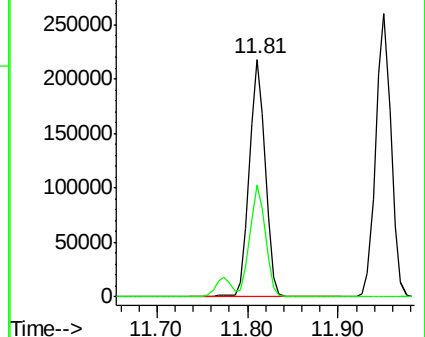
105 100

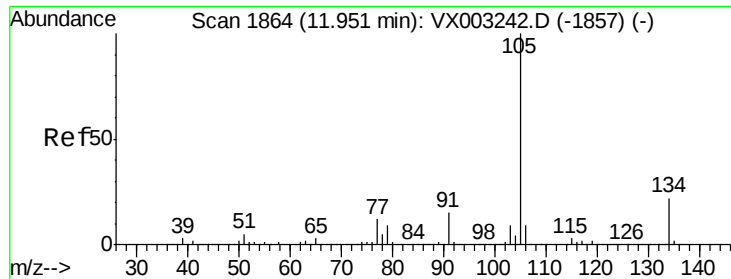
120 46.1 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.61 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBS01

Tot Ion:105 Resp: 304515

Ion Ratio Lower Upper

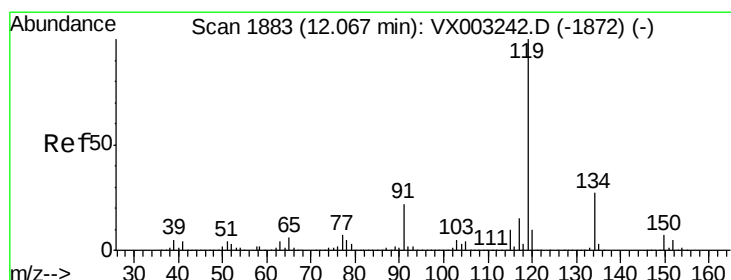
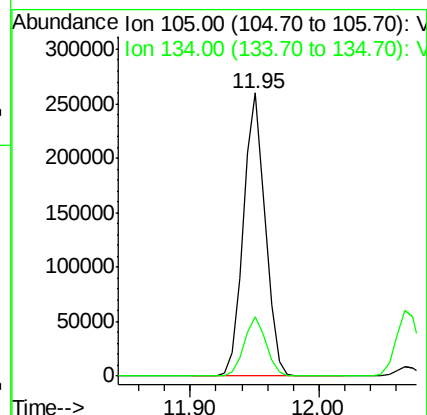
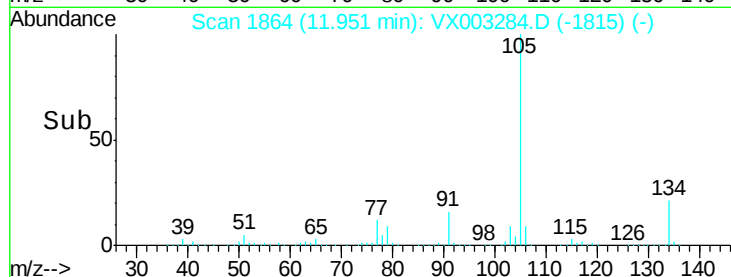
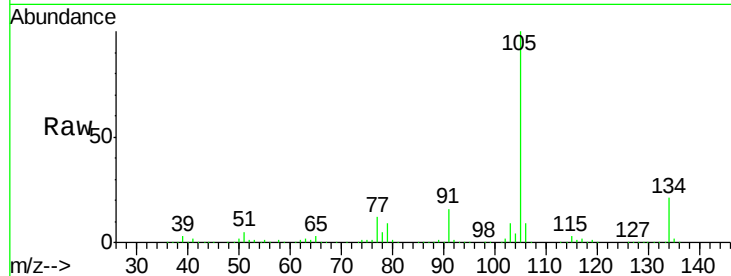
105 100

134 20.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.50 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

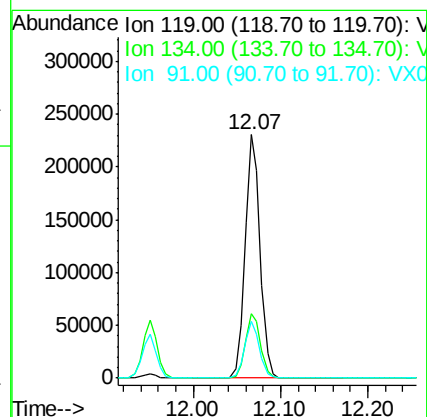
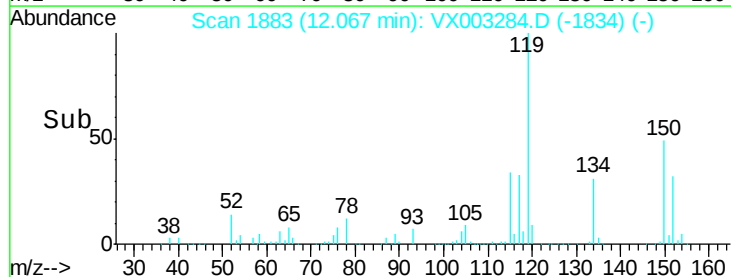
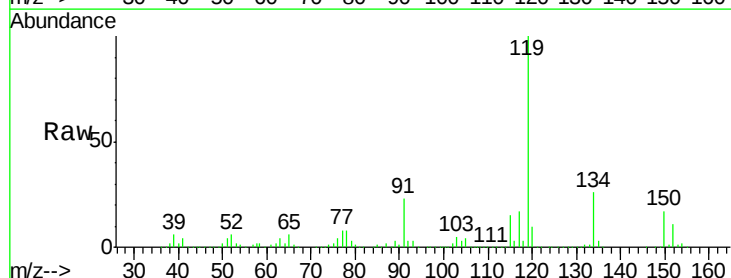
Tgt Ion:119 Resp: 275874

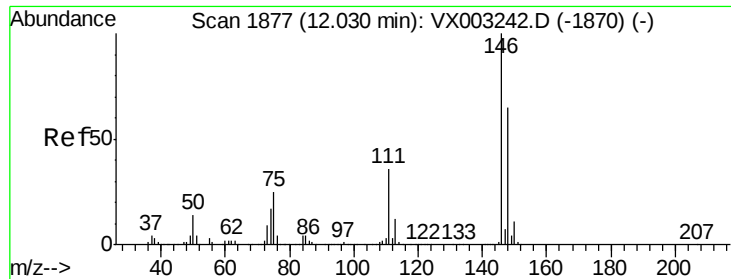
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 18.92 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

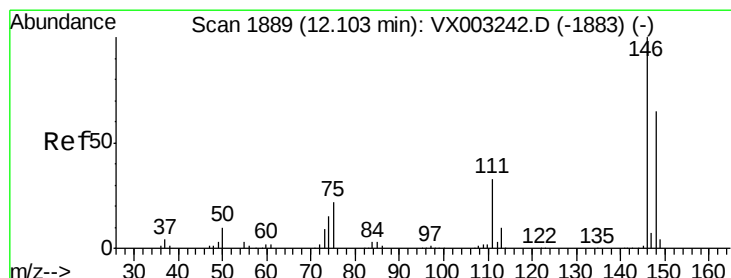
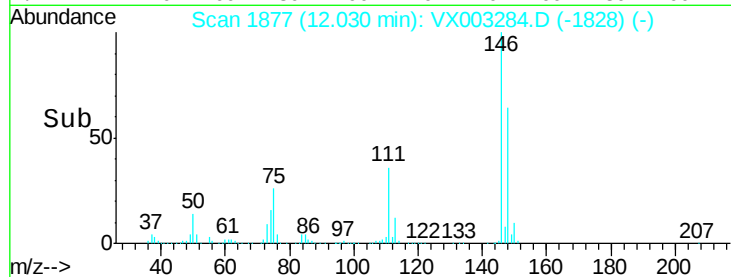
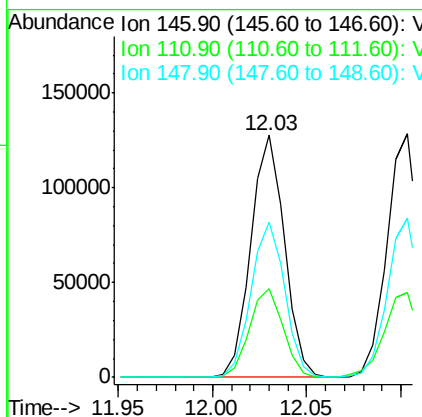
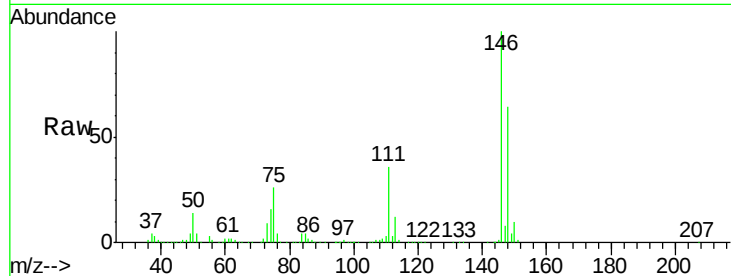
ClientSampleId :

VX0710MBS01

Tot Ion:	146	Resp:	158309
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.9	56.7
148	64.2	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.87 ug/l

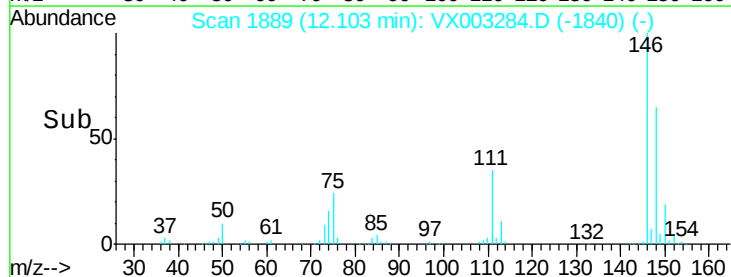
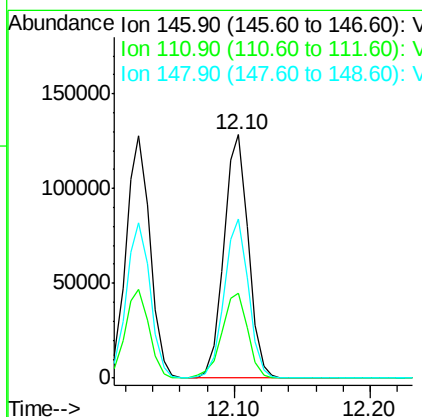
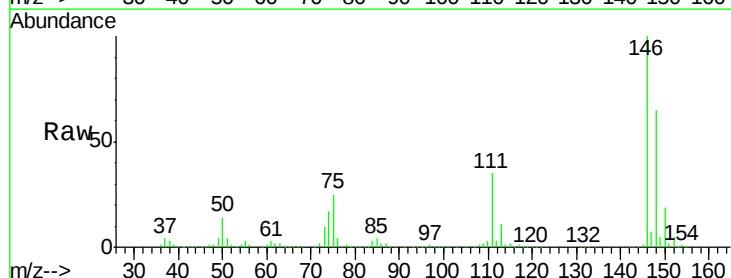
RT: 12.10 min Scan# 1889

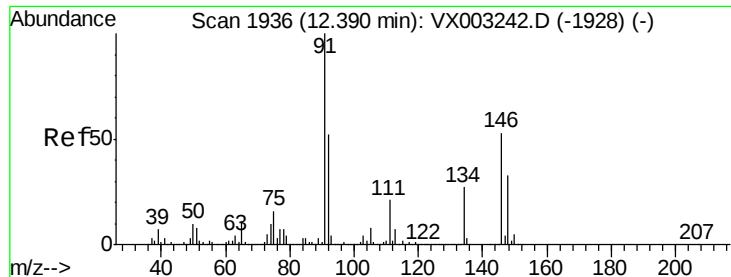
Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Tgt Ion:	146	Resp:	159884
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.7	56.1
148	65.1	32.4	97.0





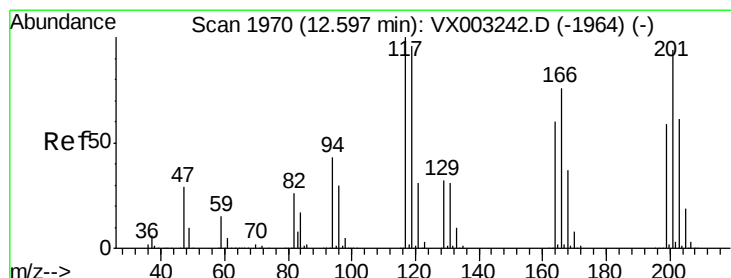
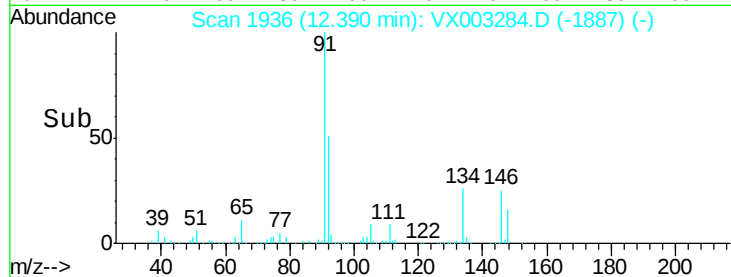
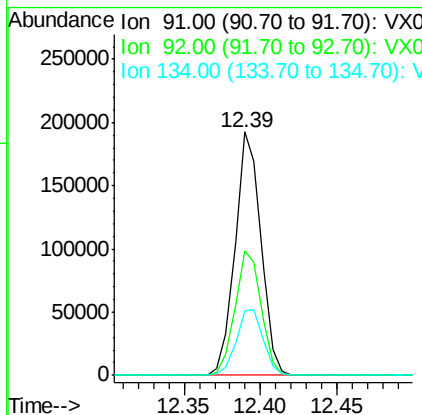
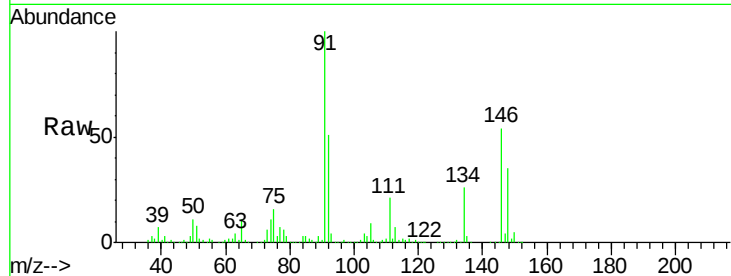
#89
n-Butylbenzene
Concen: 19.05 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	28.0	13.5	40.5

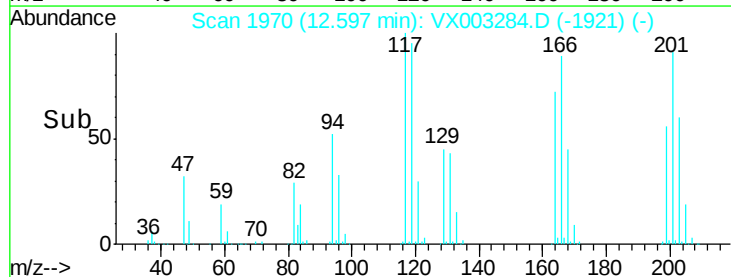
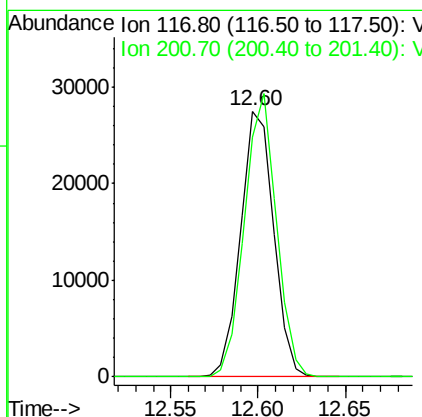
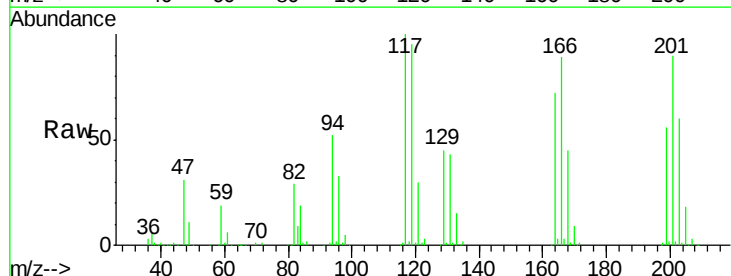
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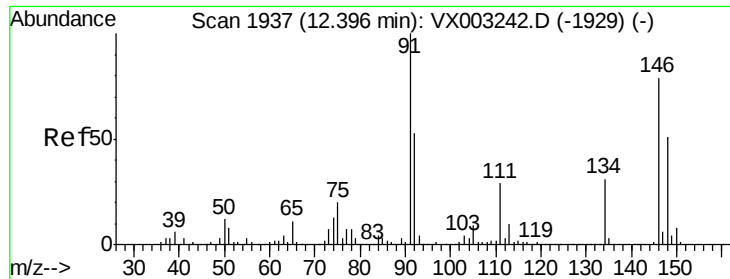
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#90
Hexachloroethane
Concen: 16.74 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003284.D
Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.4	49.0	147.0





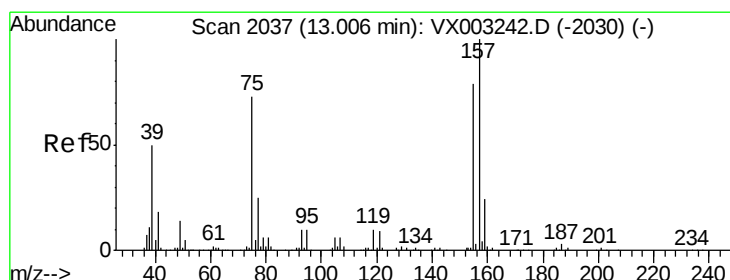
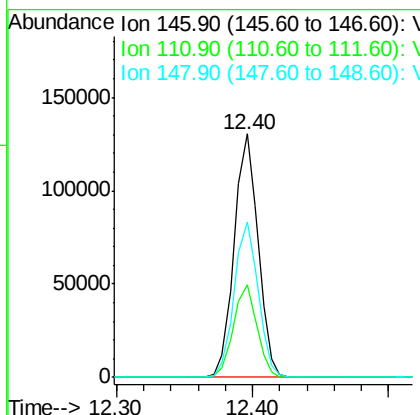
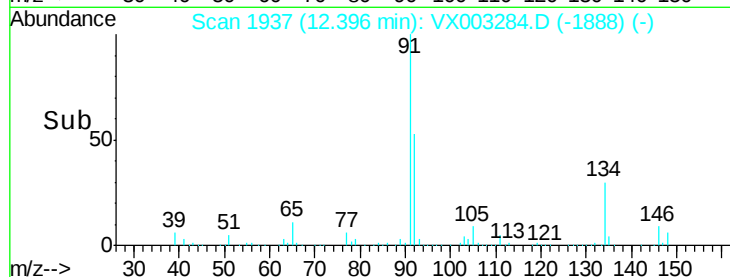
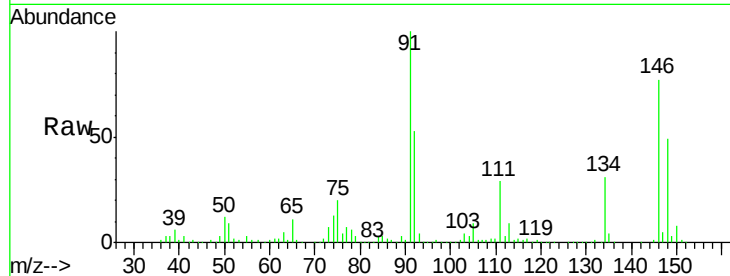
#91
 1,2-Dichlorobenzene
 Concen: 19.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.1
148	64.2	31.7	95.1

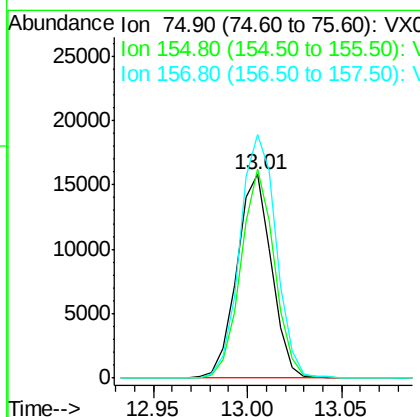
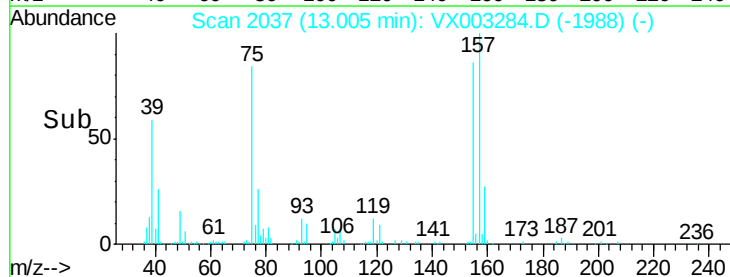
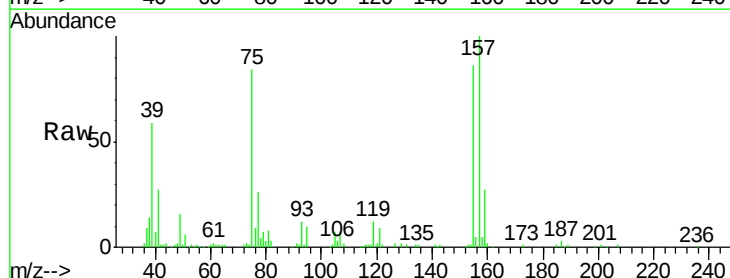
Manual Integrations
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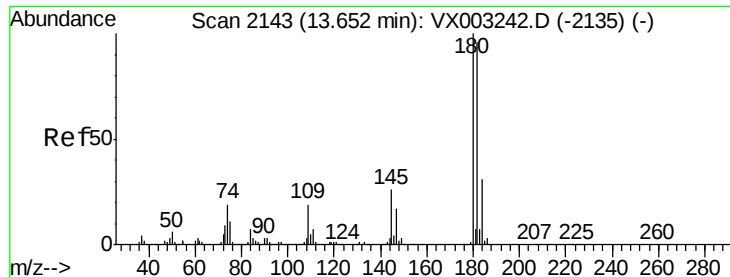
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.13 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.3	45.8	137.4
157	125.1	60.1	180.3





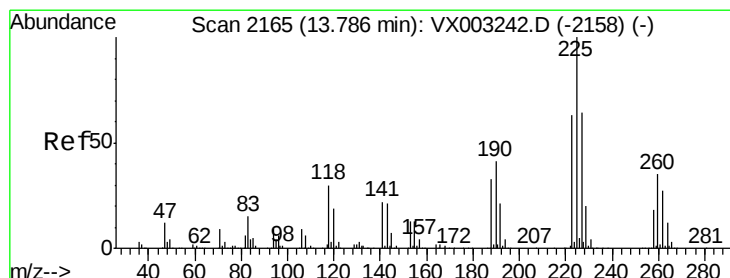
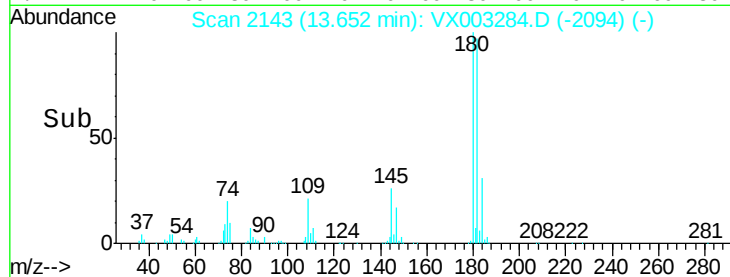
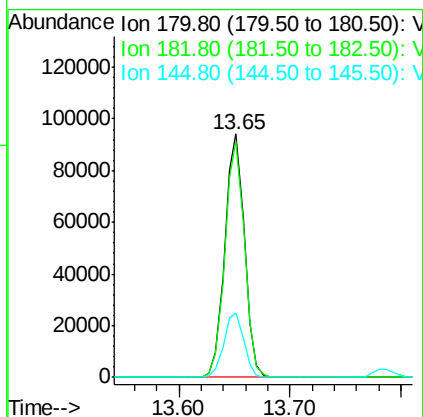
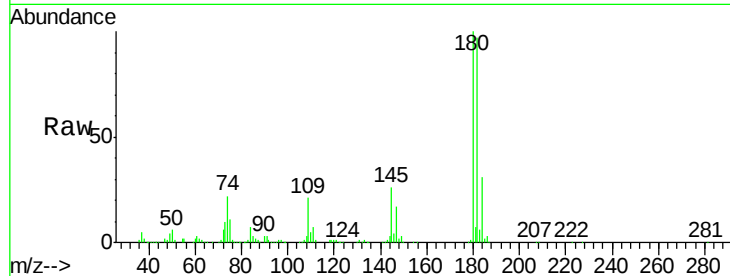
#93
 1,2,4-Trichlorobenzene
 Concen: 18.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.7	143.1
145	27.0	14.1	42.4

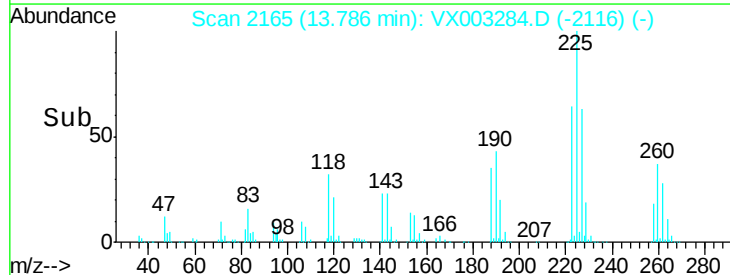
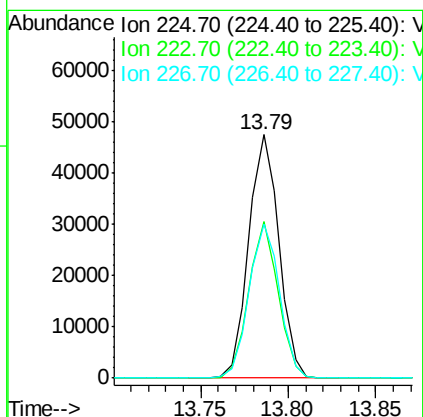
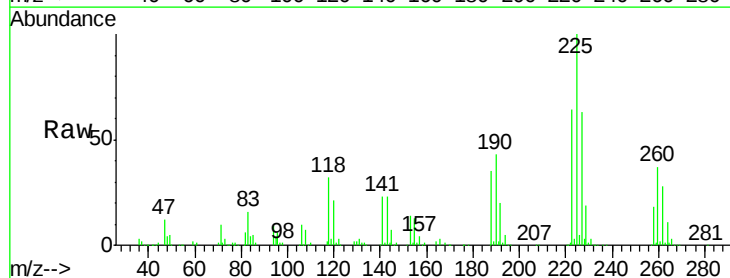
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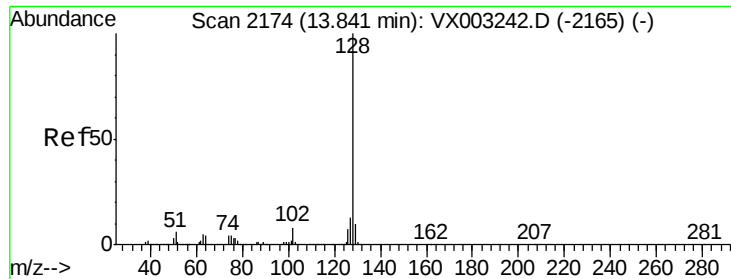
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#94
 Hexachlorobutadiene
 Concen: 18.73 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003284.D
 Acq: 10 Jul 2018 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.6	95.0
227	63.9	32.4	97.2





#95

Naphthalene

Concen: 19.94 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Instrument :

MSVOA_X

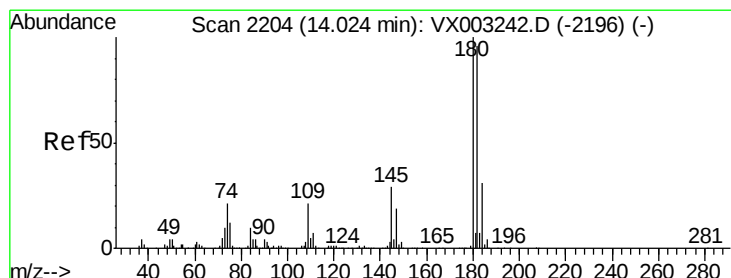
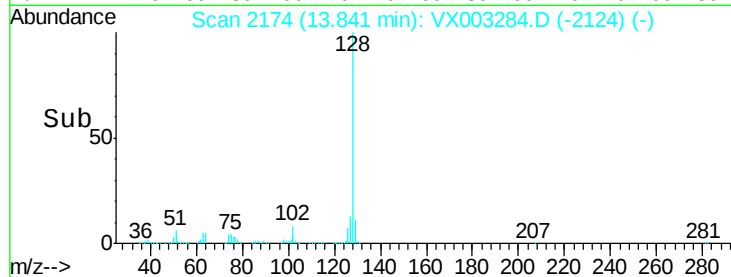
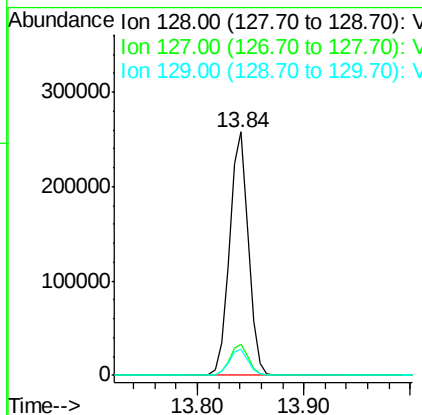
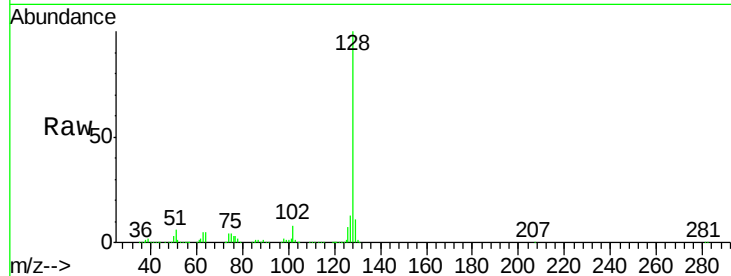
ClientSampleId :

VX0710MBS01

Tot Ion:	128	Resp:	318964
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.88 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003284.D

Acq: 10 Jul 2018 15:15

Tgt Ion:	180	Resp:	121223
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.0	144.0
145	28.8	14.8	44.3

