

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003285.D
 Acq On : 10 Jul 2018 15:41
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 10 17:02:46 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	240354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	194148	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.51	113	162464	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.72	98	594106	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.14	95	218176	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77751	21.28	ug/l	99
3) Chloromethane	1.32	50	66585	20.04	ug/l	99
4) Vinyl Chloride	1.40	62	67933	19.92	ug/l	98
5) Bromomethane	1.64	94	23172	22.96	ug/l	97
6) Chloroethane	1.72	64	38553	20.41	ug/l	99
7) Trichlorofluoromethane	1.93	101	103142	20.35	ug/l	99
8) Diethyl Ether	2.19	74	36654	20.00	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58123	19.58	ug/l	95
10) Methyl Iodide	2.51	142	55560	20.69	ug/l	98
11) Tert butyl alcohol	3.08	59	75339	109.86	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53260	19.72	ug/l	92
13) Acrolein	2.30	56	48881	88.45	ug/l	98
14) Allyl chloride	2.73	41	100948	20.18	ug/l	95
15) Acrylonitrile	3.15	53	162593	106.18	ug/l	99
16) Acetone	2.45	43	140965	104.97	ug/l	96
17) Carbon Disulfide	2.57	76	140208	18.68	ug/l	99
18) Methyl Acetate	2.78	43	87356	23.06	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	183157	20.30	ug/l	99
20) Methylene Chloride	2.86	84	60295	21.51	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	57437	19.95	ug/l	92
22) Diisopropyl ether	3.88	45	187401	18.41	ug/l	98
23) Vinyl Acetate	3.83	43	814918	94.30	ug/l	98
24) 1,1-Dichloroethane	3.70	63	105083	19.84	ug/l	98
25) 2-Butanone	4.72	43	252985	106.46	ug/l	98
26) 2,2-Dichloropropane	4.59	77	86364	18.64	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	69721	19.70	ug/l	93
28) Bromochloromethane	5.03	49	57149	21.41	ug/l	92
29) Tetrahydrofuran	5.17	42	159861	103.65	ug/l	95
30) Chloroform	5.22	83	117395	20.15	ug/l	98
31) Cyclohexane	5.58	56	99011	19.96	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	102318	19.90	ug/l	98
36) 1,1-Dichloropropene	5.80	75	85396	19.60	ug/l	99
37) Ethyl Acetate	4.87	43	96254	20.15	ug/l	97
38) Carbon Tetrachloride	5.79	117	91089	19.11	ug/l	99

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Manual Integrations
 APPROVED

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 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	96965	18.89	ug/l	98
40) Benzene	6.15	78	257825	19.97	ug/l	99
41) Methacrylonitrile	5.07	41	52325	20.01	ug/l	95
42) 1,2-Dichloroethane	6.20	62	95125	19.72	ug/l	98
43) Isopropyl Acetate	6.48	43	147147	19.62	ug/l	96
44) Trichloroethene	7.22	130	76028	19.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66722	19.87	ug/l	98
46) Dibromomethane	7.67	93	45186	19.75	ug/l	93
47) Bromodichloromethane	7.90	83	81355	19.27	ug/l	97
48) Methyl methacrylate	7.78	41	76904	19.99	ug/l	93
49) 1,4-Dioxane	7.76	88	32344	402.08	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	491774	105.31	ug/l	98
52) Toluene	8.79	92	164162	20.11	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95461	19.21	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	86065	19.03	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	67623	19.97	ug/l	98
56) Ethyl methacrylate	9.19	69	92106	19.86	ug/l	92
57) 1,3-Dichloropropane	9.38	76	108564	19.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240559	107.52	ug/l	97
59) 2-Hexanone	9.50	43	376845	106.24	ug/l	96
60) Dibromochloromethane	9.59	129	65664	18.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70420	19.84	ug/l	99
64) Tetrachloroethene	9.34	164	86638	20.25	ug/l	98
65) Chlorobenzene	10.14	112	186218	19.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	68401	19.71	ug/l	99
67) Ethyl Benzene	10.26	91	306051	19.68	ug/l	99
68) m/p-Xylenes	10.37	106	244341	40.38	ug/l	96
69) o-Xylene	10.70	106	115629	19.73	ug/l	98
70) Styrene	10.71	104	190013	19.99	ug/l	98
71) Bromoform	10.86	173	50977	17.86	ug/l	100
73) Isopropylbenzene	11.02	105	318824	20.36	ug/l	100
74) N-amyl acetate	6.48	43	147147	19.70	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	98311	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84725m	19.77	ug/l	
77) Bromobenzene	11.26	156	90069	19.92	ug/l	95
78) n-propylbenzene	11.37	91	354560	20.37	ug/l	98
79) 2-Chlorotoluene	11.43	91	212742	20.06	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	268263	20.58	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23728	18.10	ug/l	98
82) 4-Chlorotoluene	11.51	91	248863	20.10	ug/l	98
83) tert-Butylbenzene	11.77	119	257476	19.77	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	274321	20.55	ug/l	98
85) sec-Butylbenzene	11.95	105	309604	20.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	283148	20.19	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160597	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	163682	19.50	ug/l	99
89) n-Butylbenzene	12.39	91	230079	19.64	ug/l	99
90) Hexachloroethane	12.60	117	38231	17.86	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	163403	19.62	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21200	20.35	ug/l	96

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ClientSampleId :
VX0710WBS01

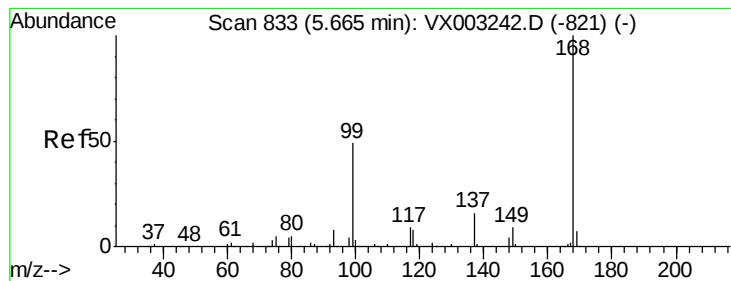
Manual Integrations
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7/11/2018 3:09:26 PM

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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	121571	20.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	60928	20.20	ug/l	98
95) Naphthalene	13.84	128	335512	21.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125431	20.75	ug/l	100

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



#1

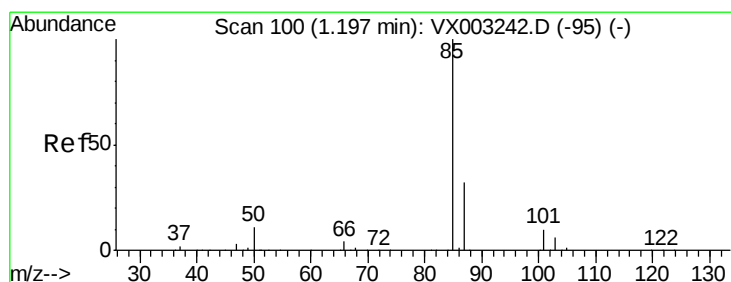
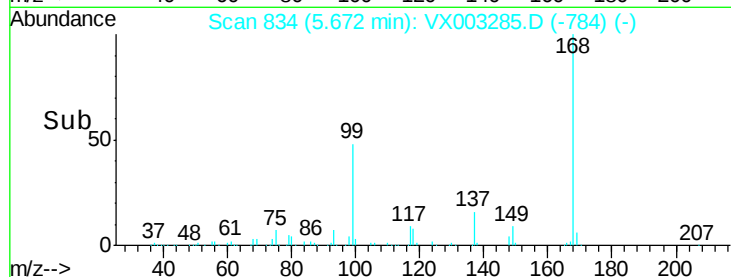
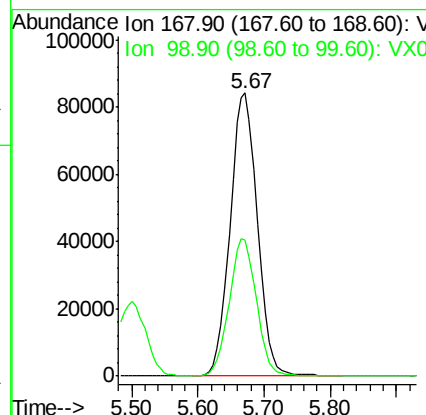
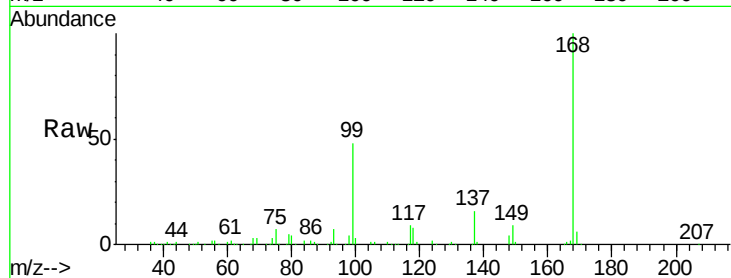
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	240354		
99	48.0	39.3	58.9	

Manual Integrations
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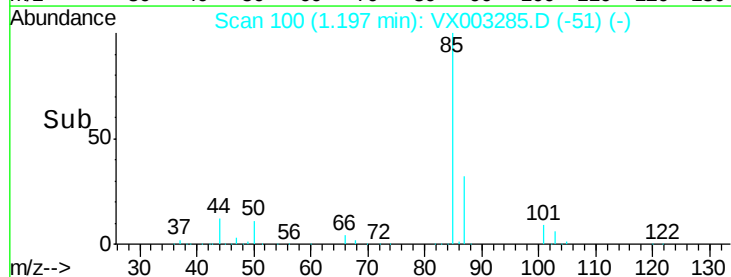
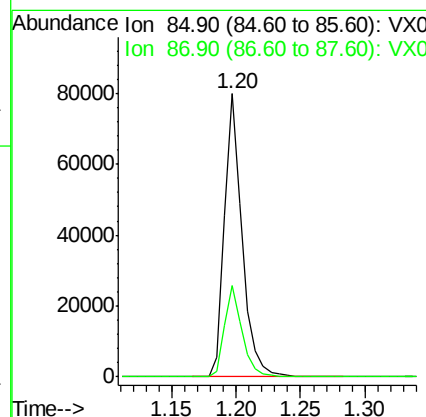
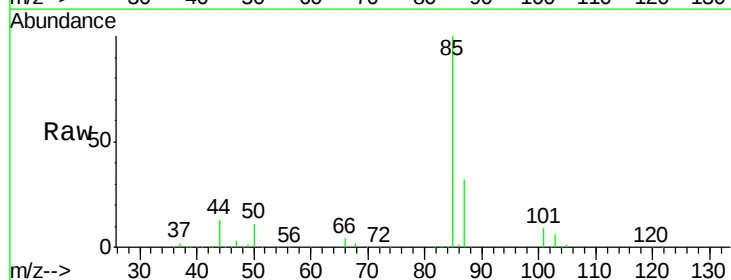
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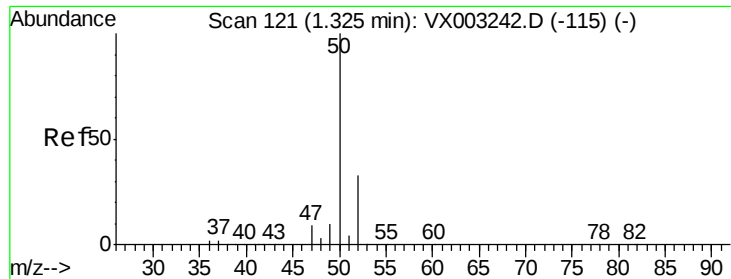


#2

Dichlorodifluoromethane
 Concen: 21.28 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	77751		
87	32.3	16.0	47.9	





#3

Chloromethane

Concen: 20.04 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 50 Resp: 66585

Ion Ratio Lower Upper

50 100

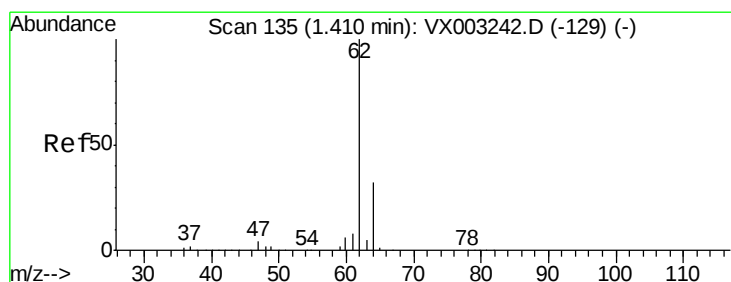
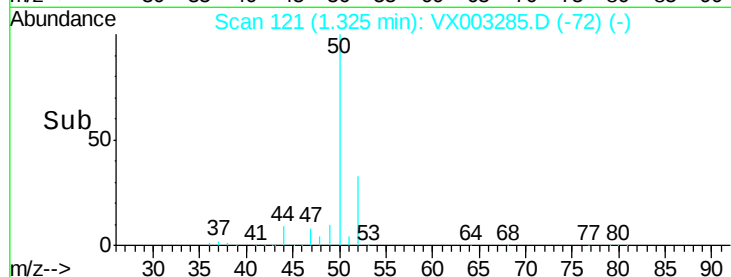
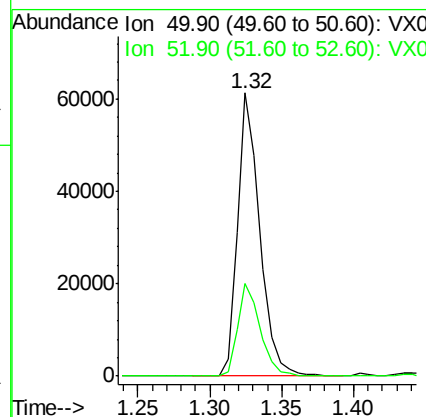
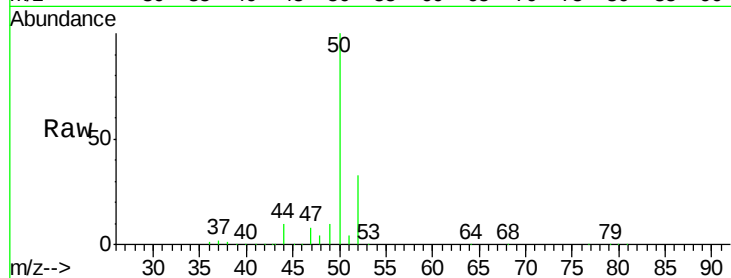
52 32.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003285.D

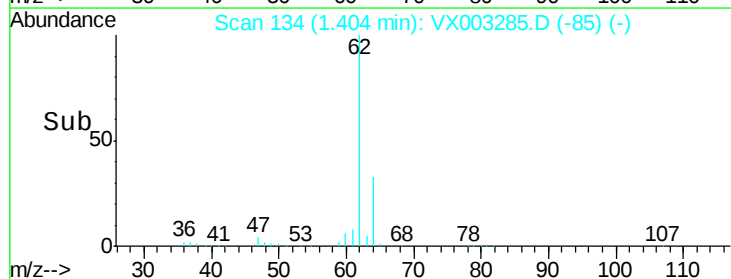
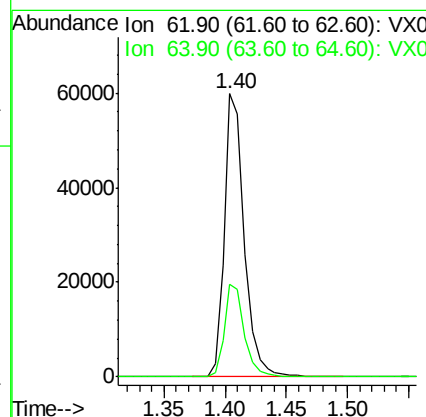
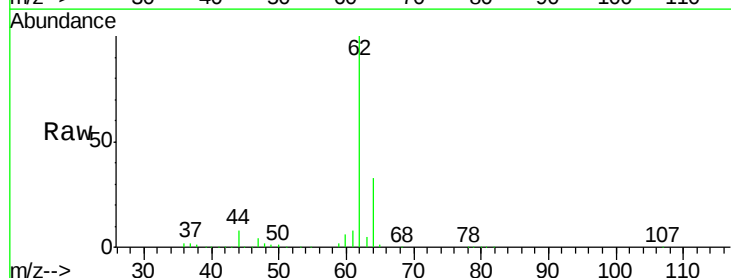
Acq: 10 Jul 2018 15:41

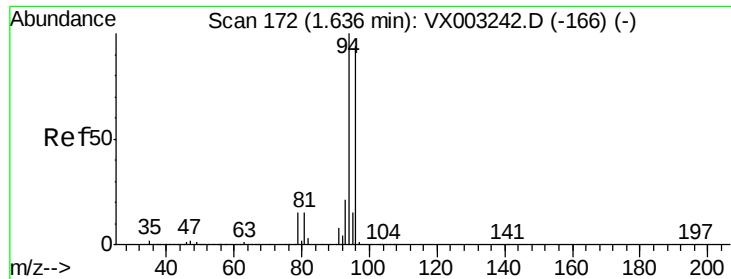
Tgt Ion: 62 Resp: 67933

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2





#5

Bromomethane

Concen: 22.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tot Ion: 94 Resp: 23172

Ion Ratio Lower Upper

94 100

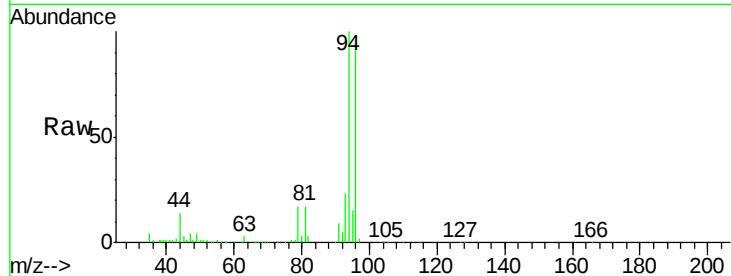
96 96.2 74.9 112.3

Manual Integrations

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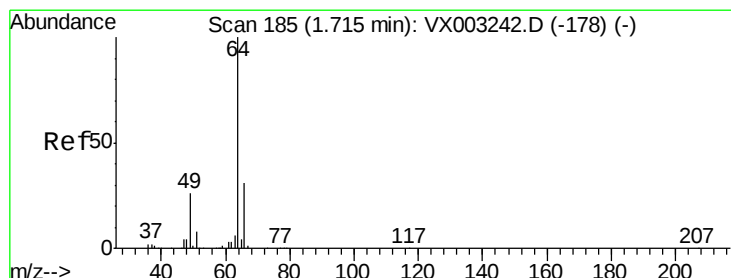
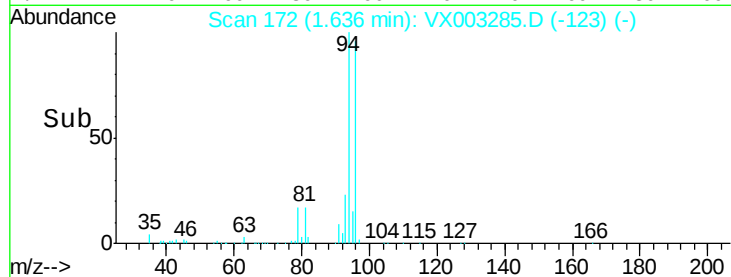
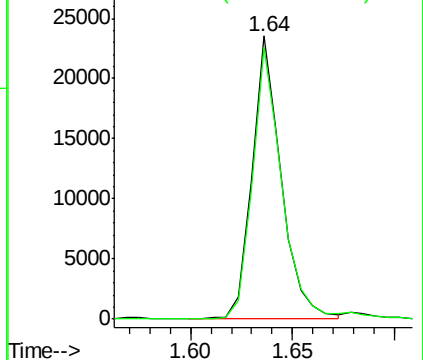
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.41 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003285.D

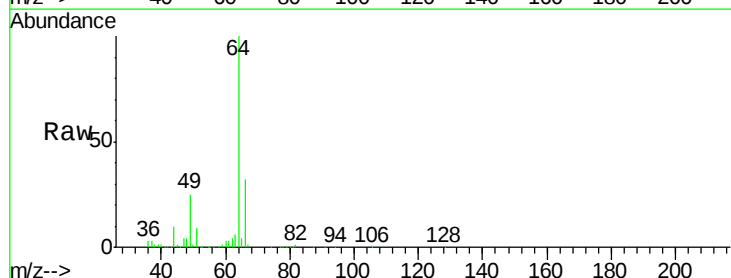
Acq: 10 Jul 2018 15:41

Tgt Ion: 64 Resp: 38553

Ion Ratio Lower Upper

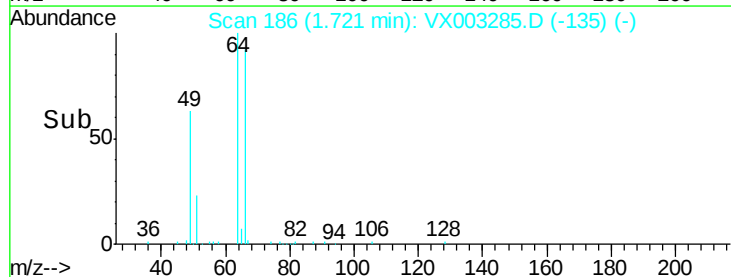
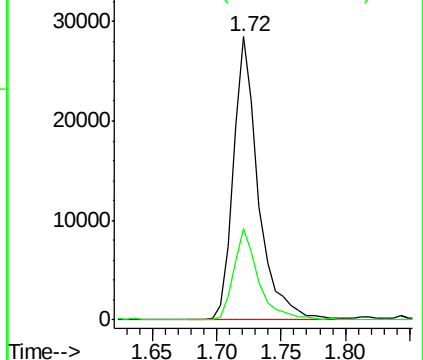
64 100

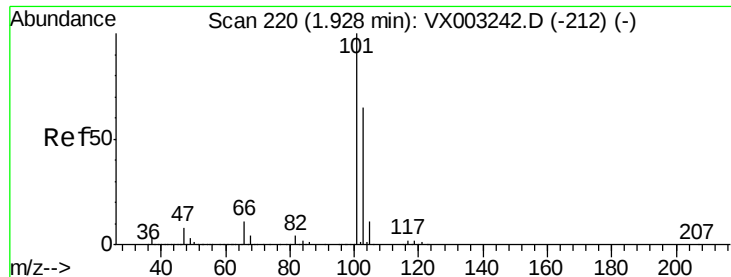
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

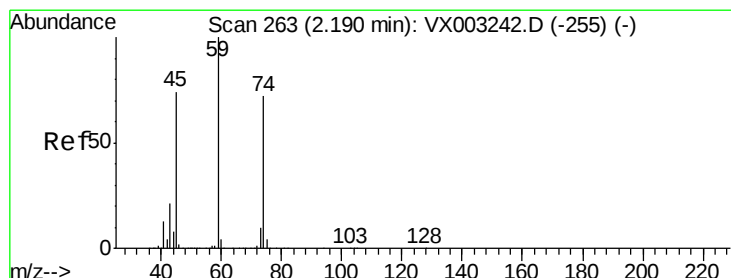
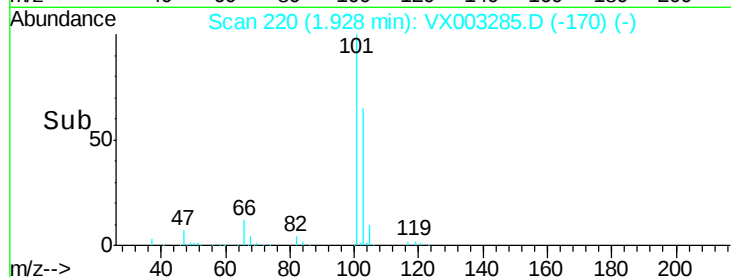
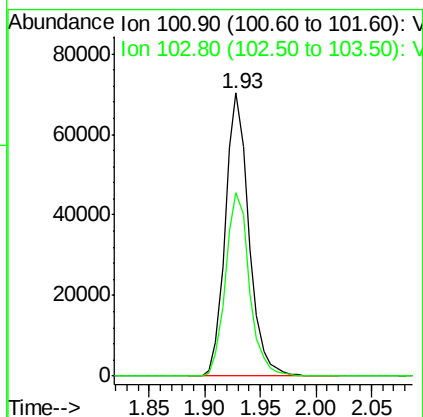
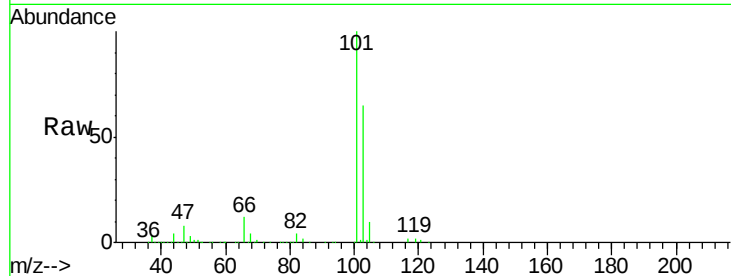
Trichlorofluoromethane
 Concen: 20.35 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.8	79.2

Manual Integrations
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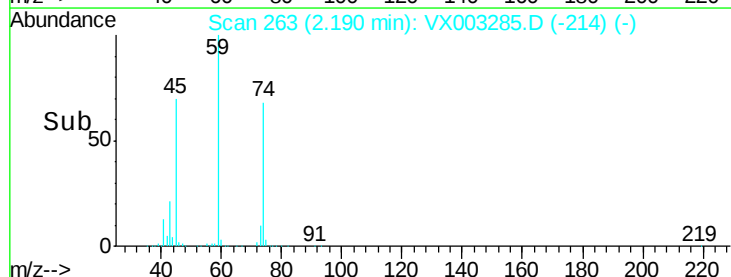
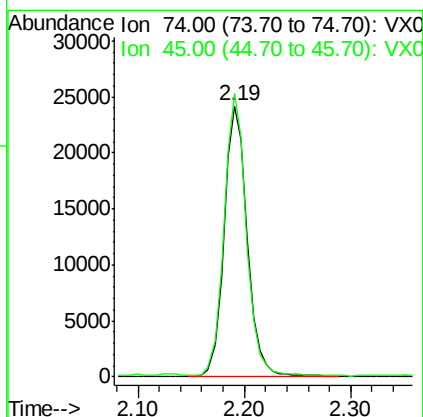
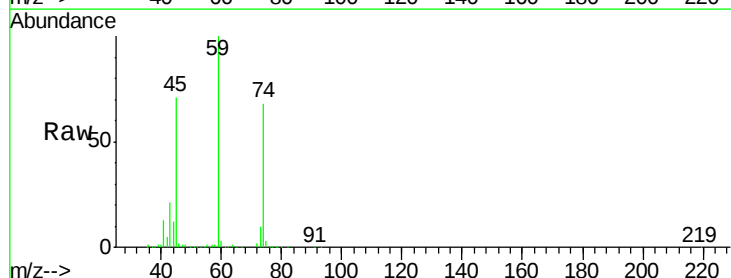
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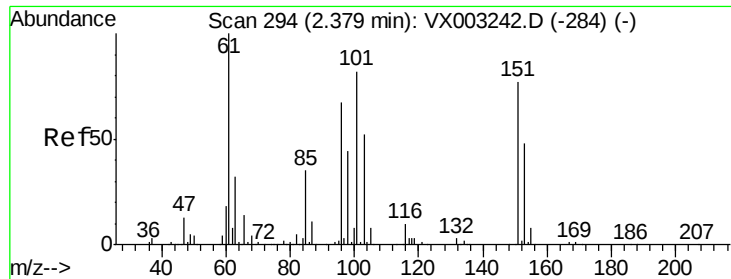


#8

Diethyl Ether
 Concen: 20.00 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.58 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

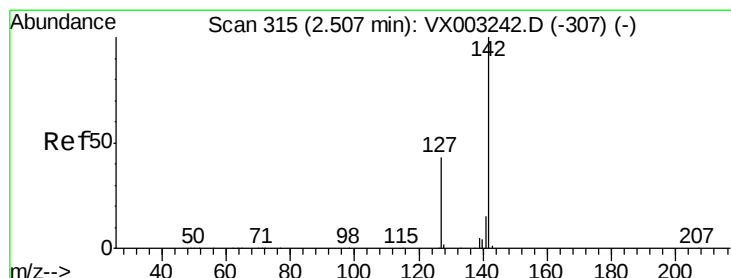
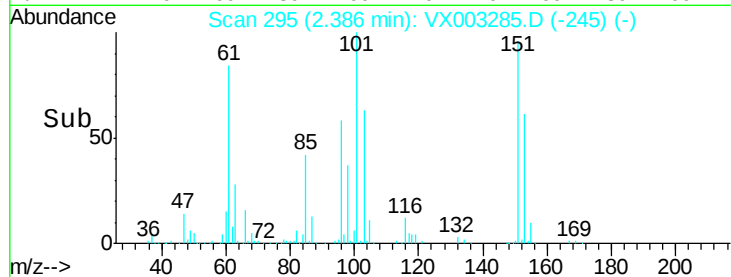
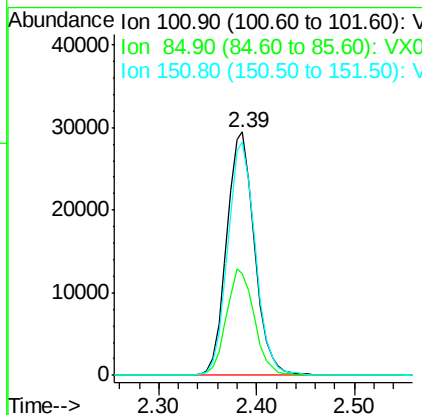
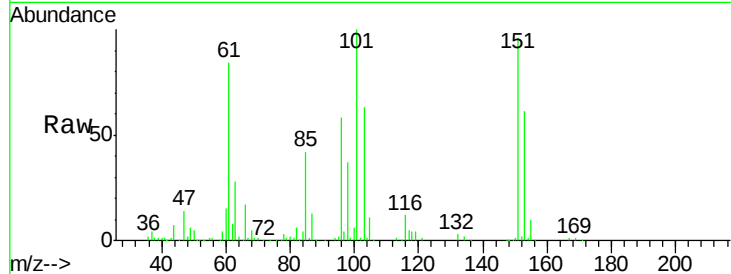
ClientSampleId :

VX0710WBS01

Tot Ion:	101	Resp:	58123
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.0	54.0
151	94.8	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.69 ug/l

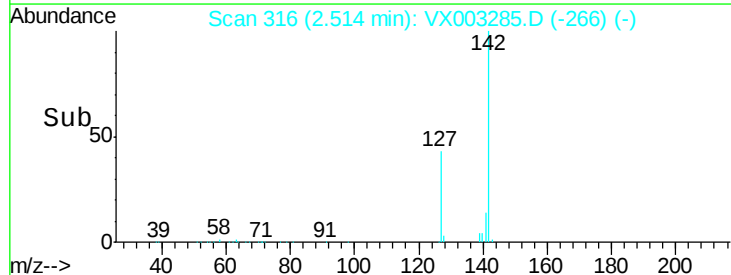
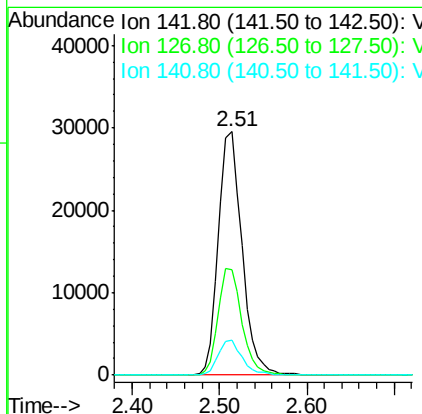
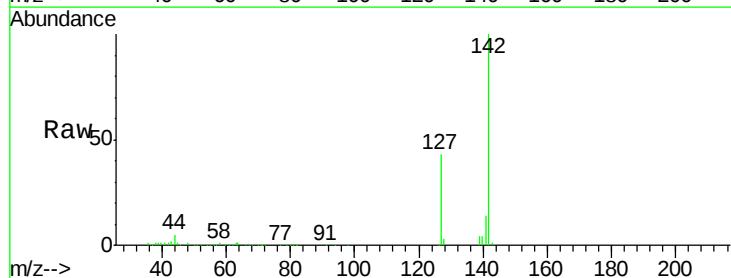
RT: 2.51 min Scan# 316

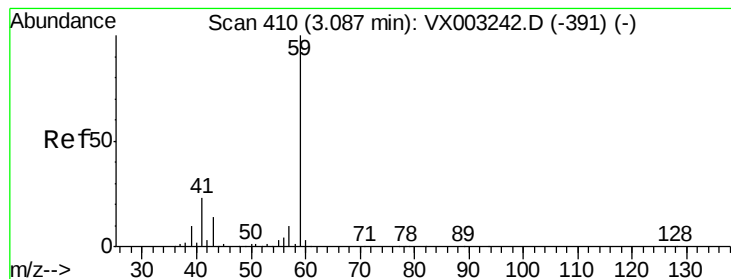
Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Tgt Ion:	142	Resp:	55560
Ion Ratio	Lower	Upper	
142	100		
127	44.0	36.6	55.0
141	14.2	11.3	16.9





#11

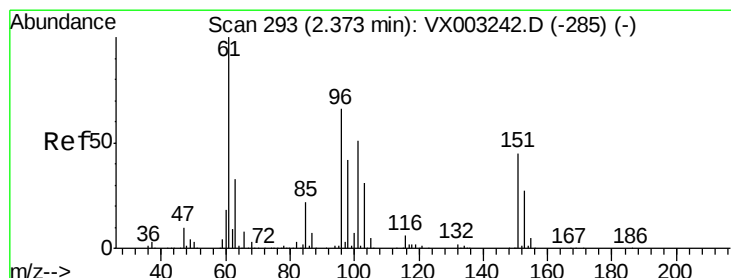
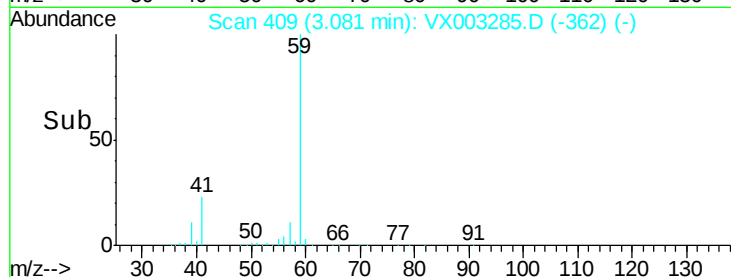
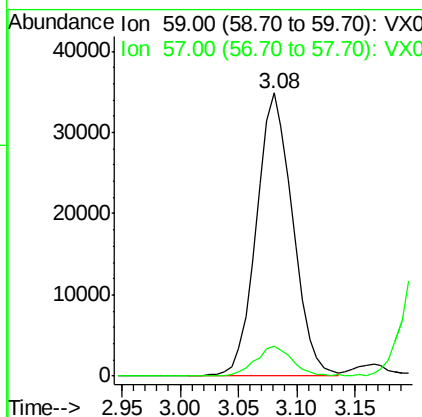
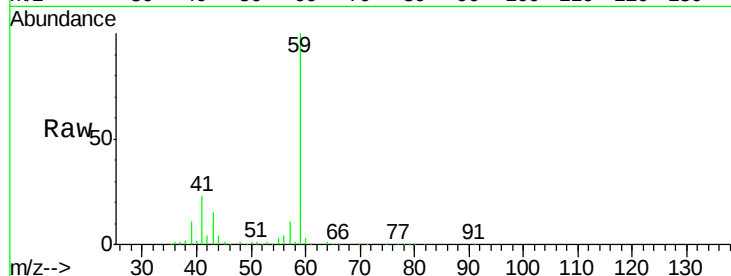
Tert butyl alcohol
Concen: 109.86 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	59	Resp	75339
Ion Ratio	100	Lower	Upper
57	10.8	8.2	12.2

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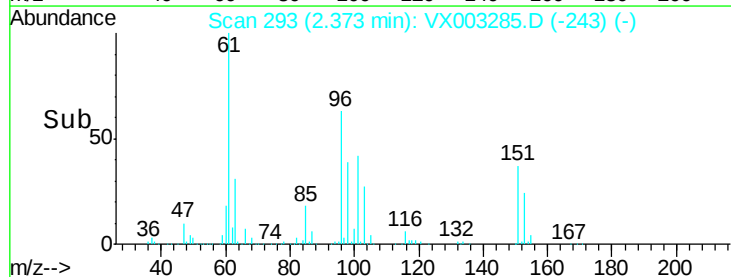
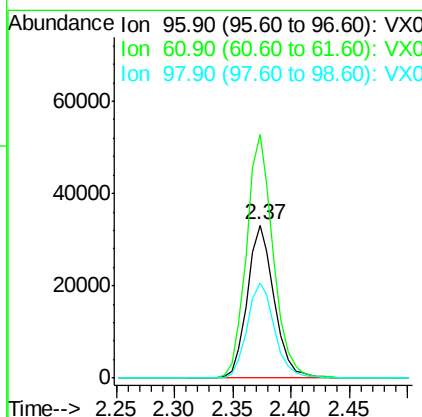
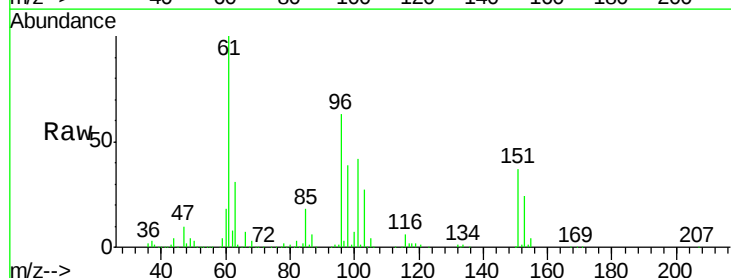
MMDadoda
7/11/2018 3:09:26 PM

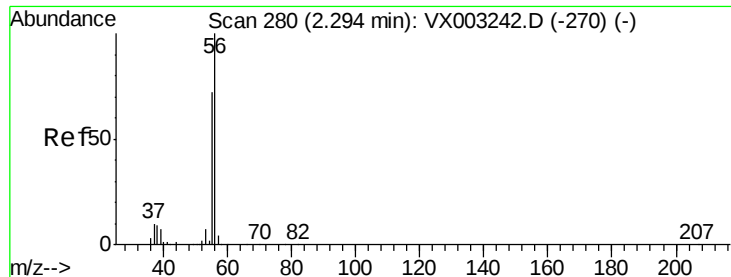


#12

1,1-Dichloroethene
Concen: 19.72 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	96	Resp	53260
Ion Ratio	100	Lower	Upper
61	159.1	137.9	206.9
98	61.8	51.6	77.4





#13

Acrolein

Concen: 88.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 56 Resp: 48881

Ion Ratio Lower Upper

56 100

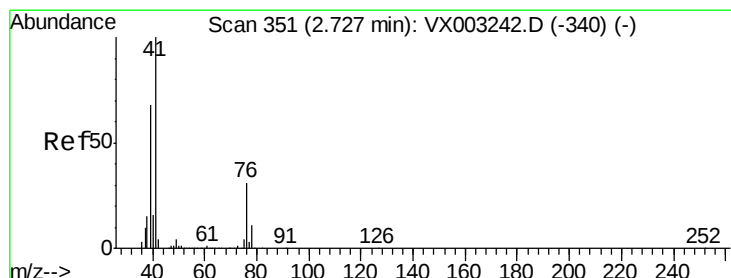
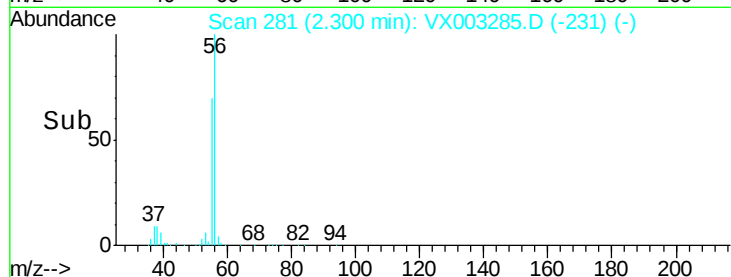
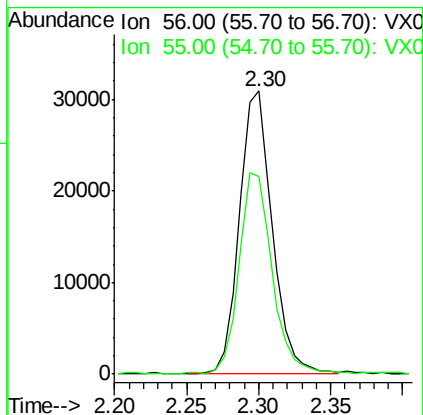
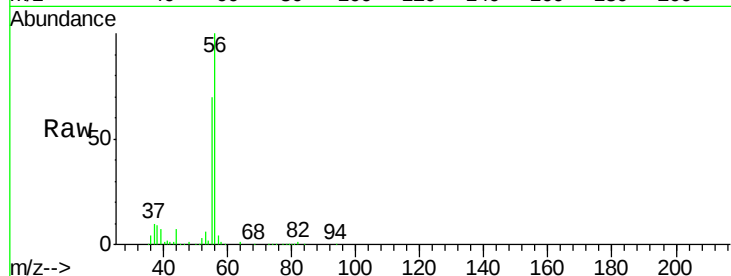
55 72.5 57.0 85.4

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 20.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

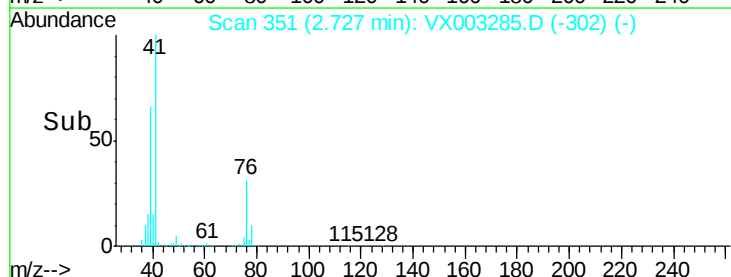
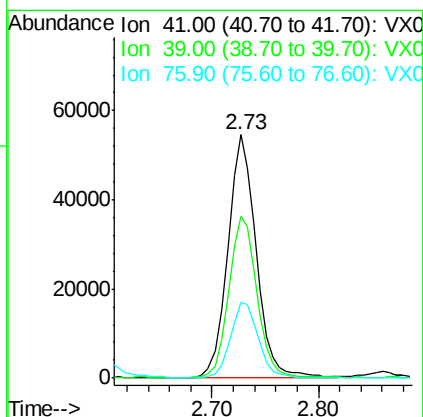
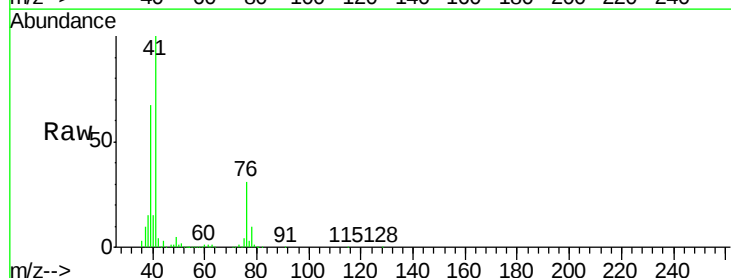
Tgt Ion: 41 Resp: 100948

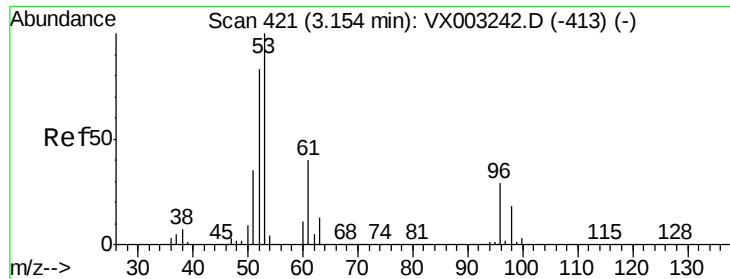
Ion Ratio Lower Upper

41 100

39 66.2 56.8 85.2

76 31.1 23.8 35.8





#15

Acrylonitrile

Concen: 106.18 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

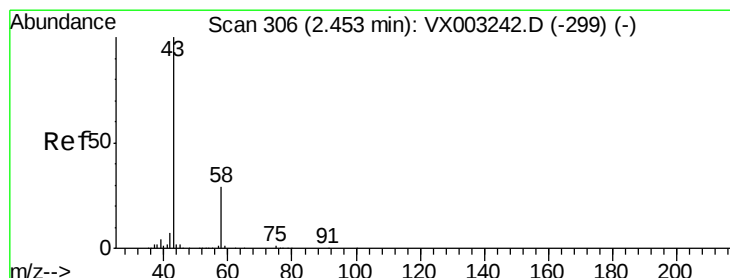
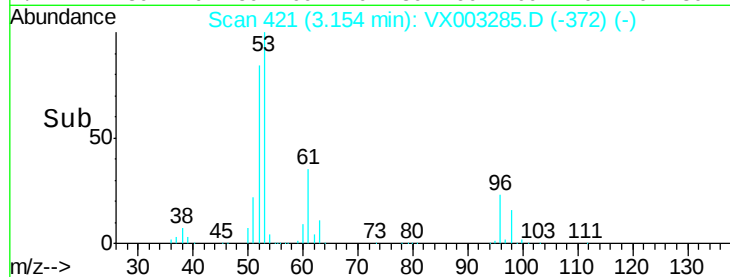
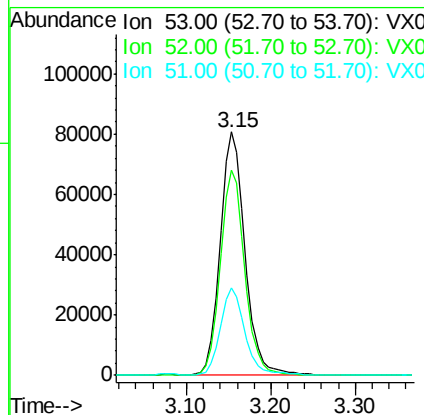
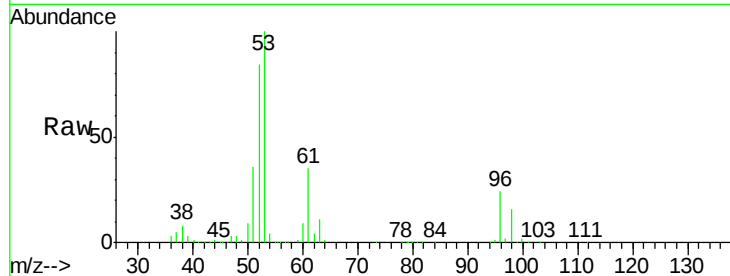
ClientSampleId :

VX0710WBS01

Tot Ion:	53	Resp:	162593
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.7	100.1
51	35.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 104.97 ug/l

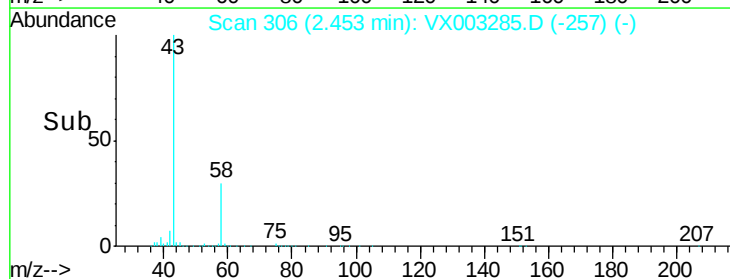
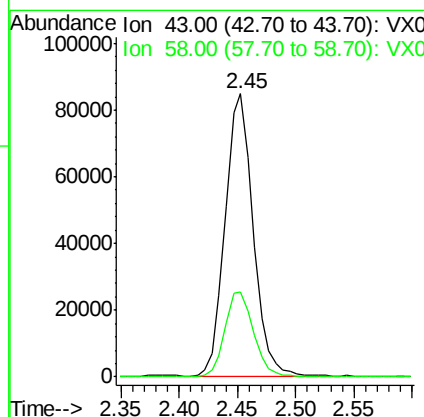
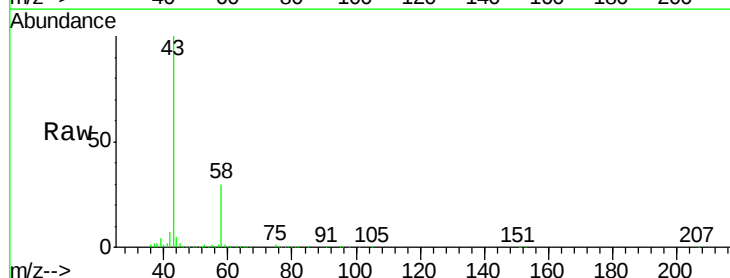
RT: 2.45 min Scan# 306

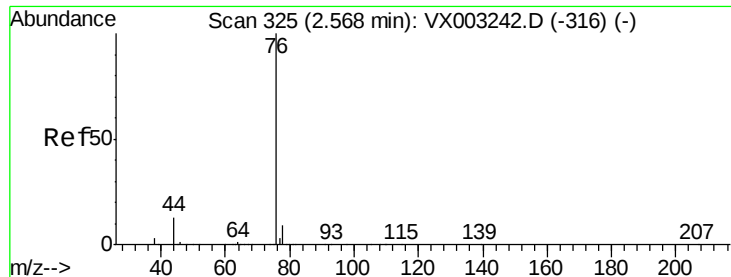
Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Tgt Ion:	43	Resp:	140965
Ion Ratio		Lower	Upper
43	100		
58	29.9	22.1	33.1





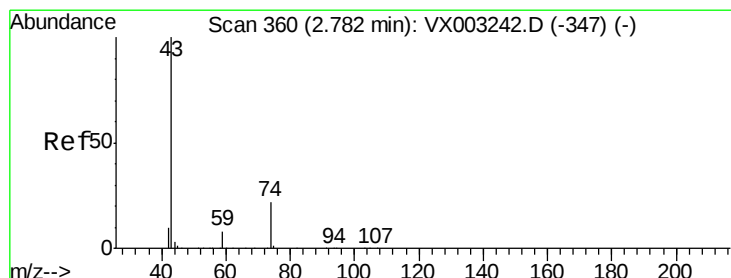
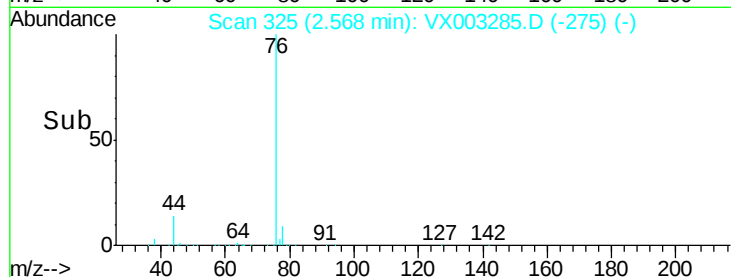
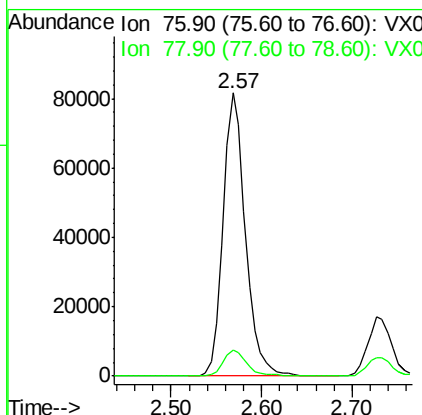
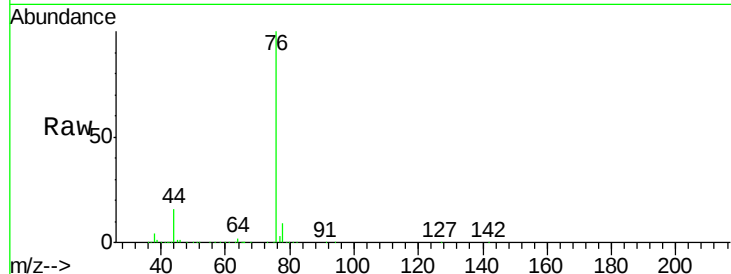
#17
Carbon Disulfide
Concen: 18.68 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

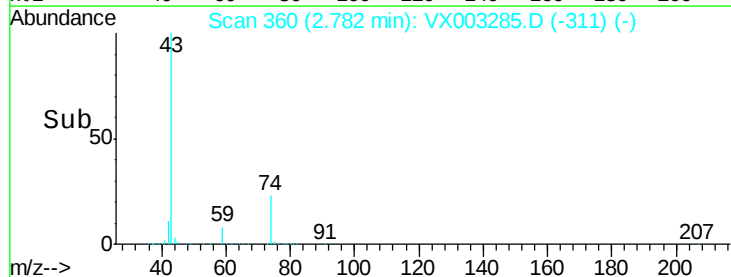
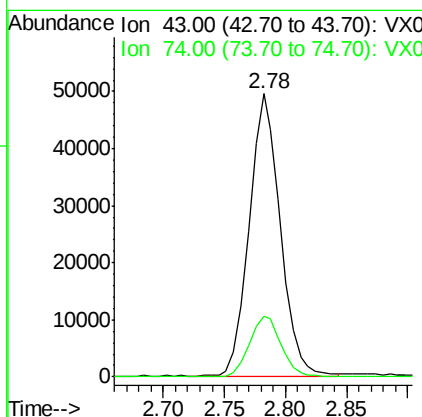
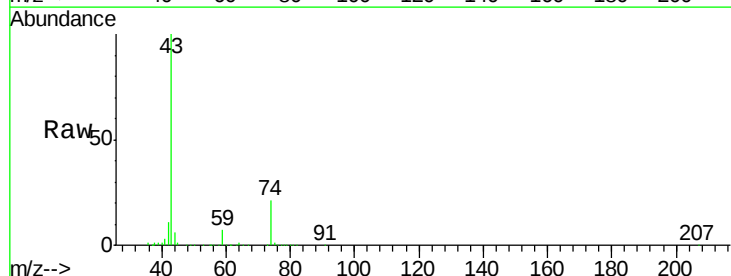
Manual Integrations
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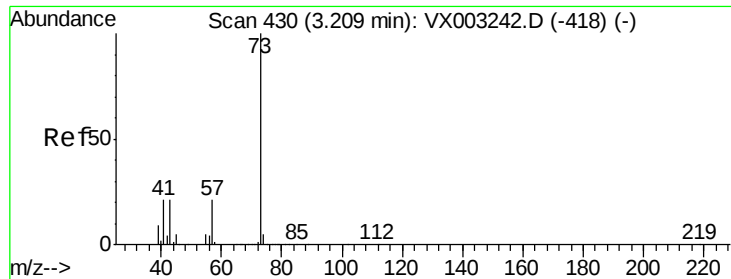
MMDadoda
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#18
Methyl Acetate
Concen: 23.06 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.7	25.1





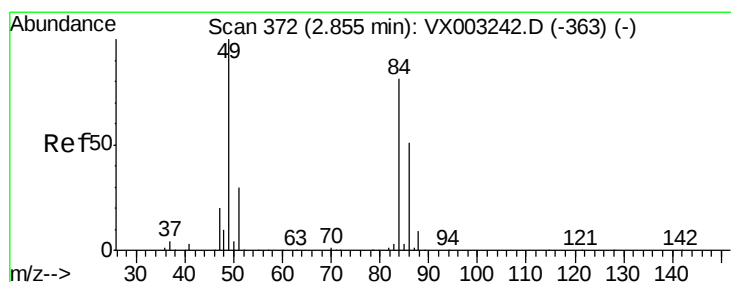
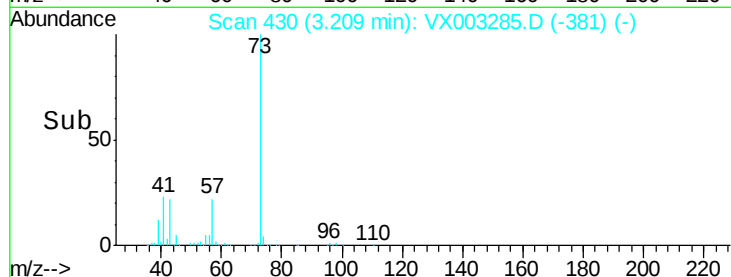
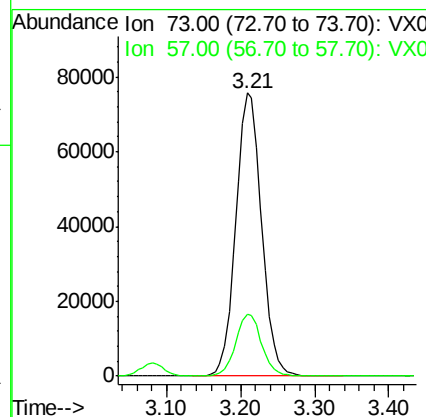
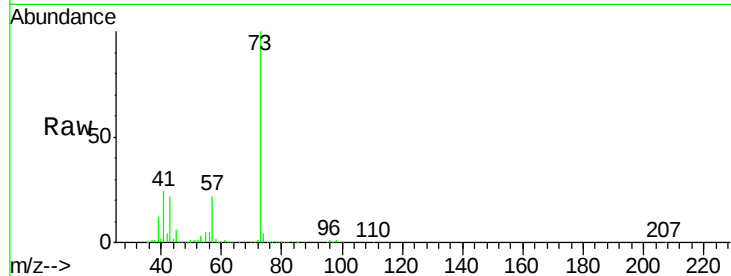
#19
Methvl tert-butvl Ether
Concen: 20.30 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion: 73 Resp: 183157
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

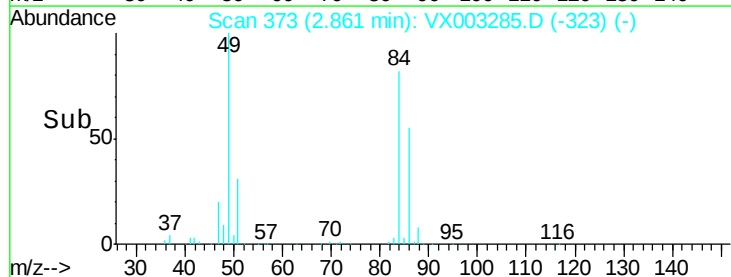
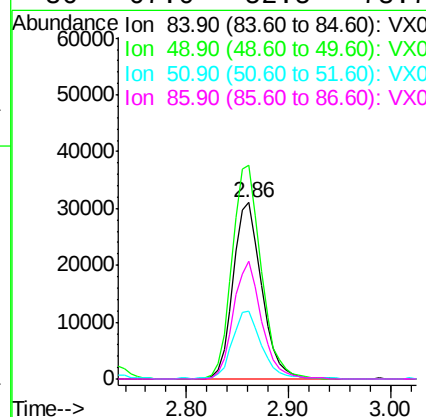
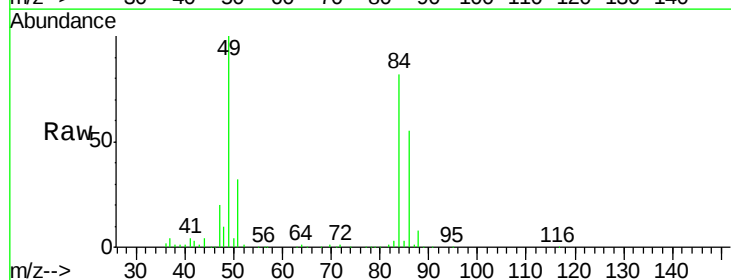
Manual Integrations
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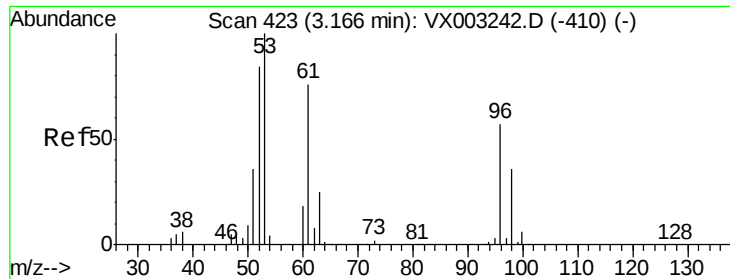
MMDadoda
7/11/2018 3:09:26 PM



#20
Methylene Chloride
Concen: 21.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion: 84 Resp: 60295
Ion Ratio Lower Upper
84 100
49 121.1 107.8 161.6
51 37.9 32.8 49.2
86 67.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tot Ion: 96 Resp: 57437

Ion Ratio Lower Upper

96 100

61 135.4 117.0 175.4

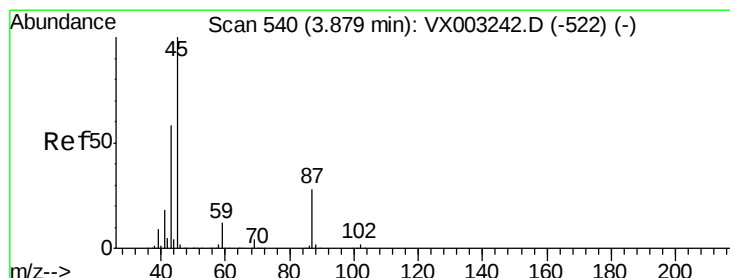
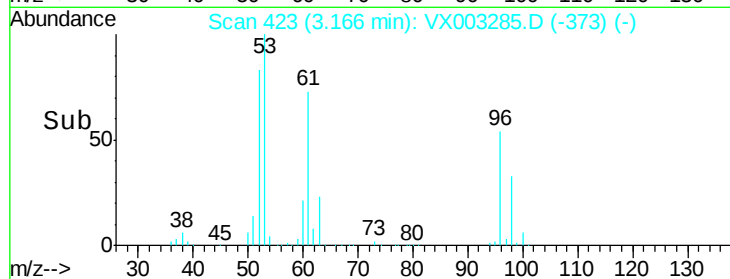
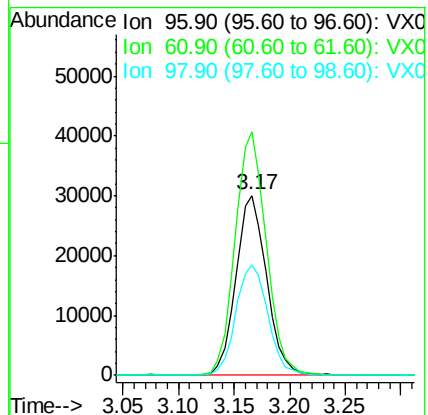
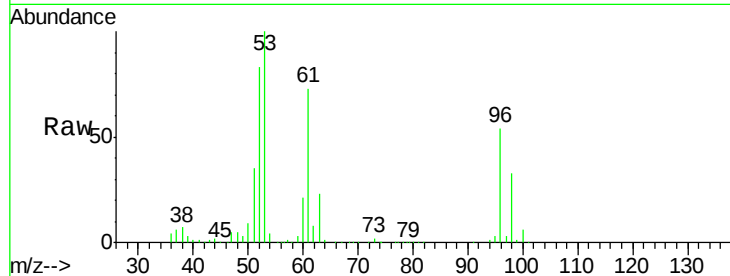
98 61.6 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.41 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Tgt Ion: 45 Resp: 187401

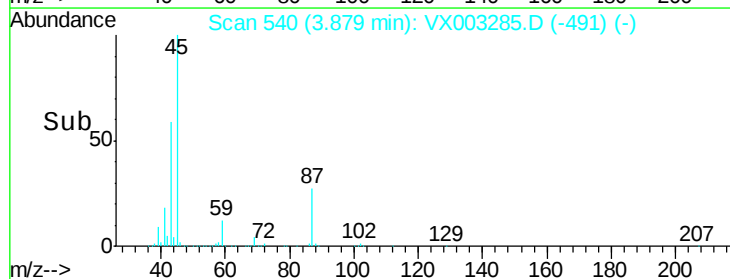
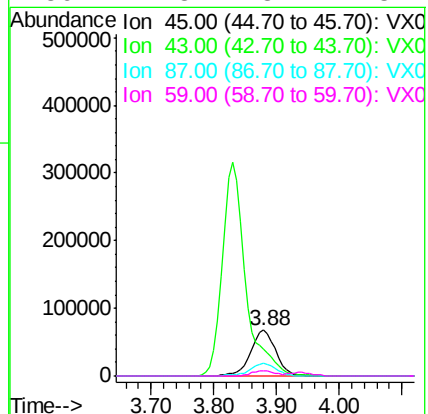
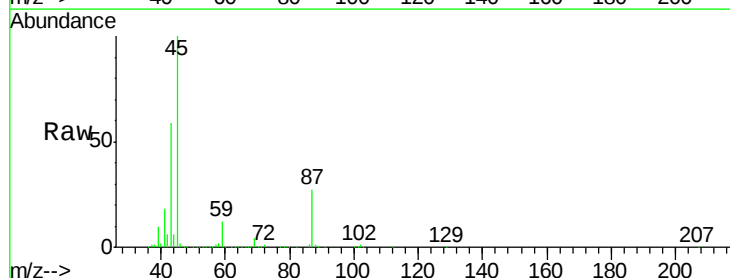
Ion Ratio Lower Upper

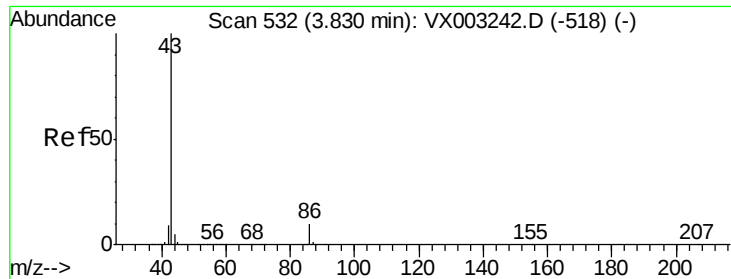
45 100

43 59.1 46.8 70.2

87 27.4 20.2 30.4

59 11.8 8.7 13.1





#23

Vinyl Acetate

Concen: 94.30 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 43 Resp: 814918

Ion Ratio Lower Upper

43 100

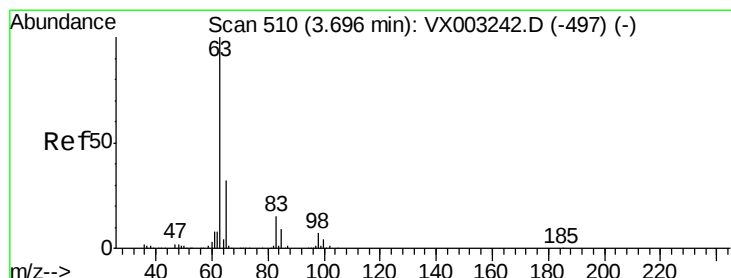
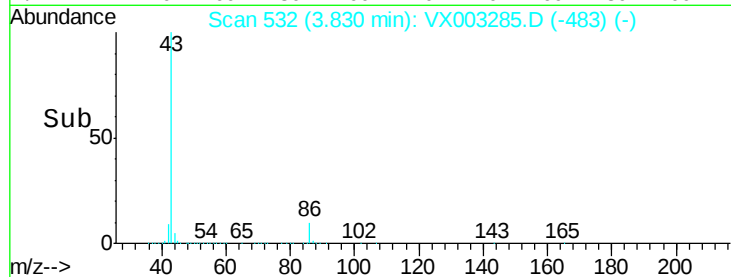
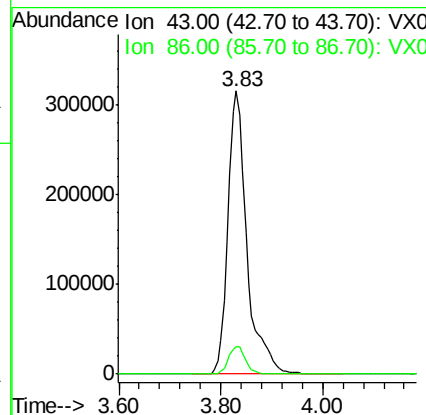
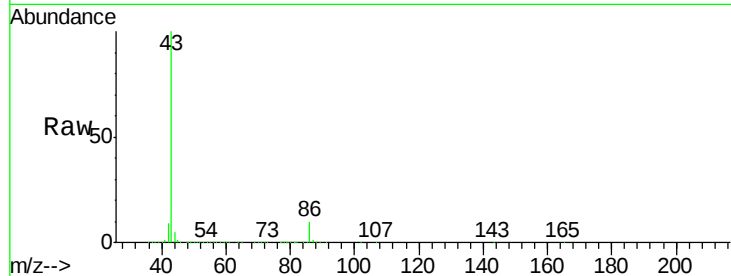
86 9.8 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.84 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

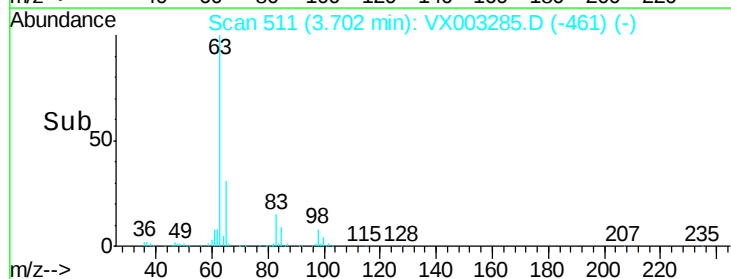
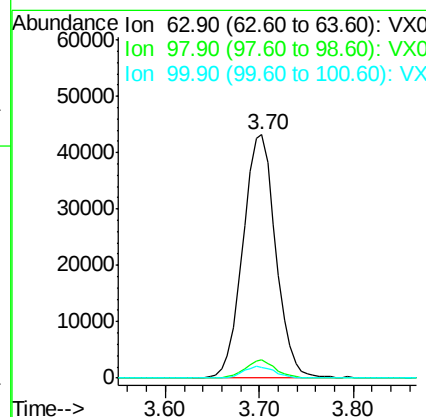
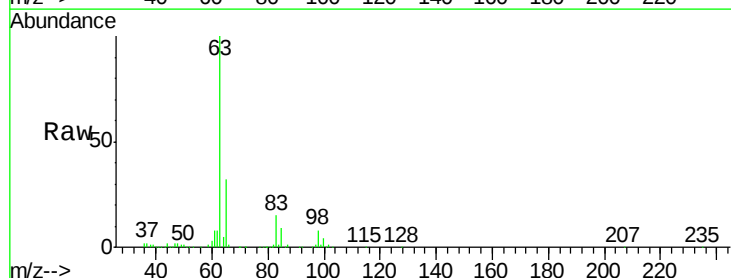
Tgt Ion: 63 Resp: 105083

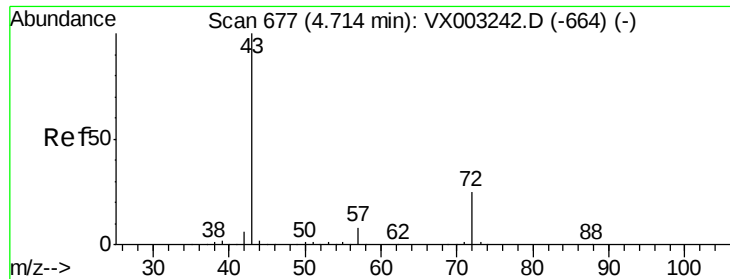
Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 106.46 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tot Ion: 43 Resp: 252985

Ion Ratio Lower Upper

43 100

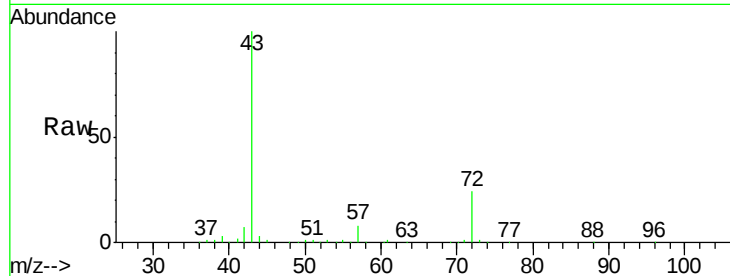
72 24.0 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

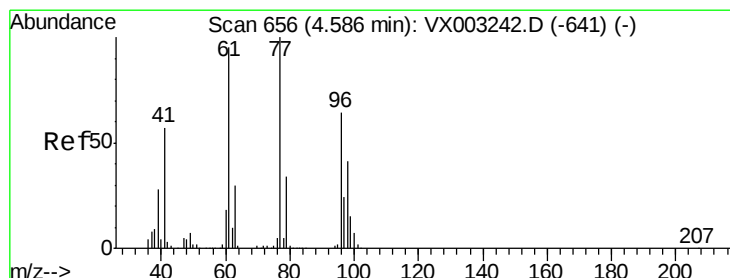
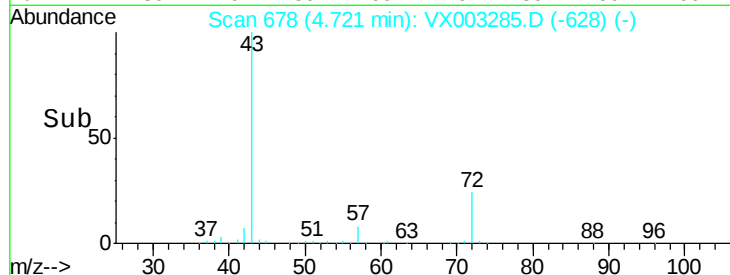
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.64 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003285.D

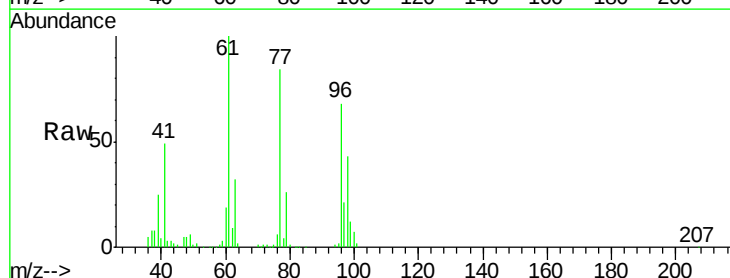
Acq: 10 Jul 2018 15:41

Tgt Ion: 77 Resp: 86364

Ion Ratio Lower Upper

77 100

97 24.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

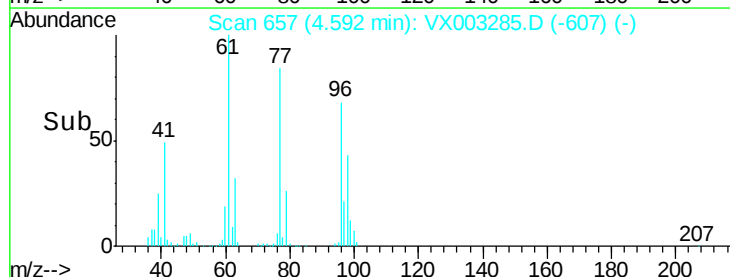
10000

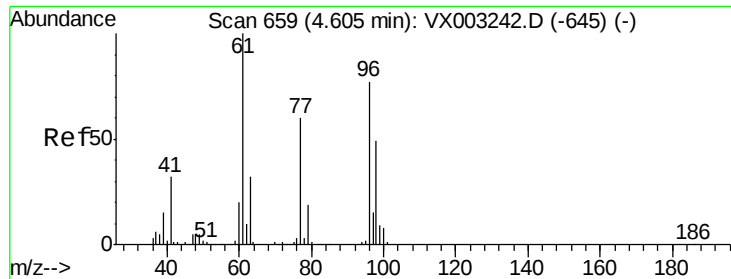
5000

0

4.50 4.60 4.70

Time-->





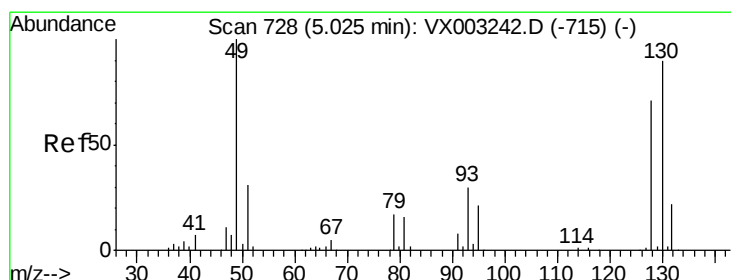
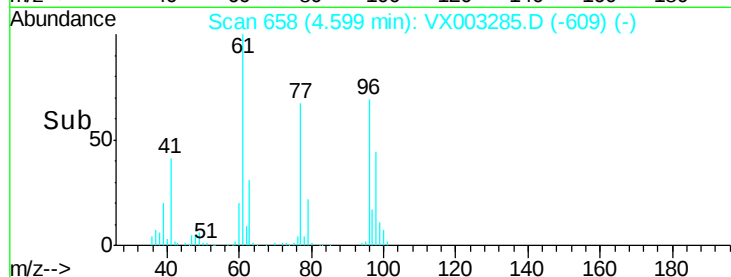
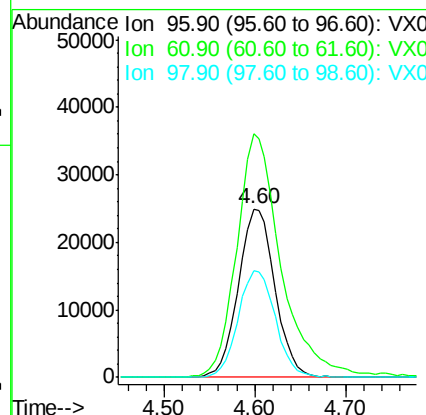
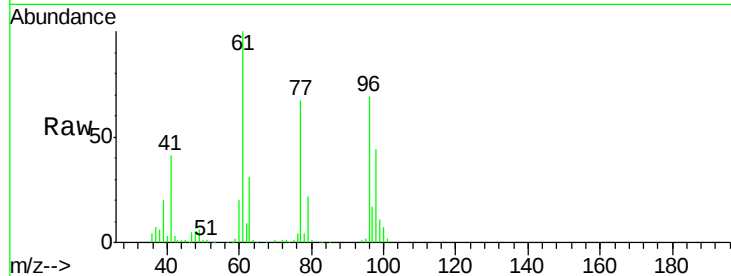
#27
 cis-1,2-Dichloroethene
 Concen: 19.70 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	177.2	0.0	330.2	
98	64.5	0.0	130.2	

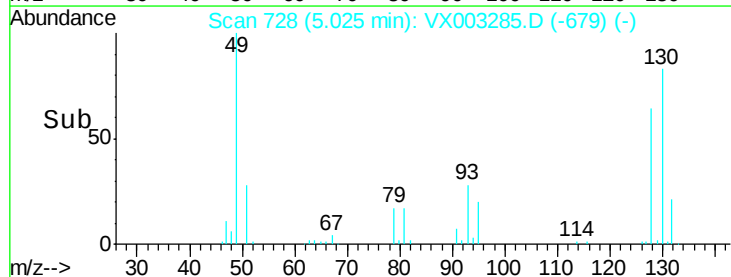
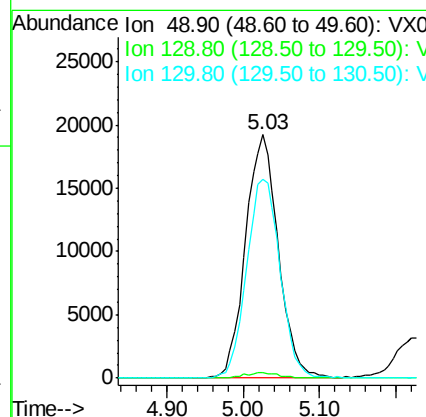
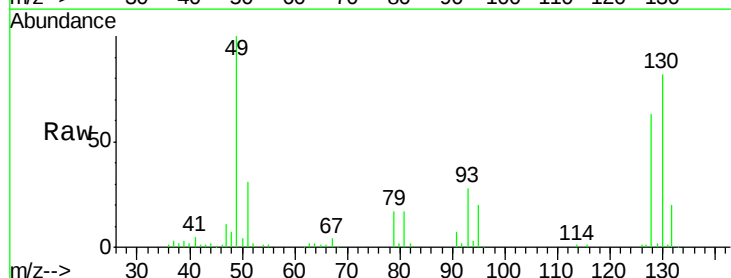
Manual Integrations
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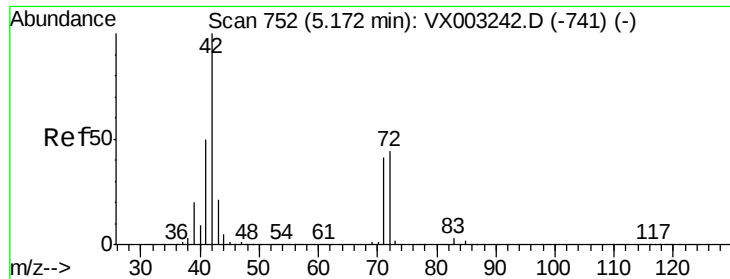
MMDadoda
 7/11/2018 3:09:26 PM



#28
 Bromochloromethane
 Concen: 21.41 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	83.7	61.2	91.8	





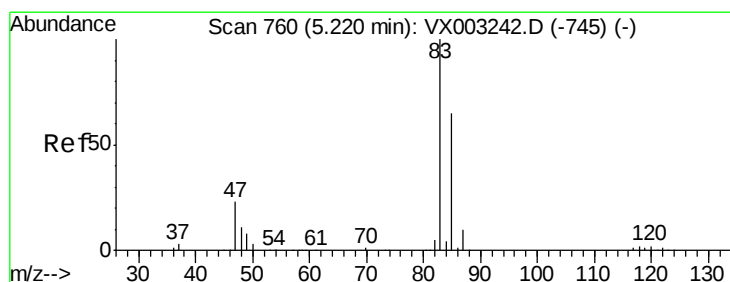
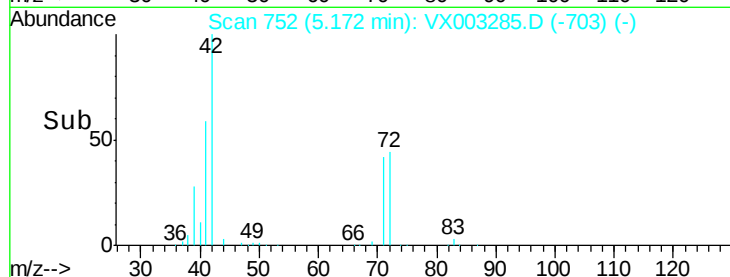
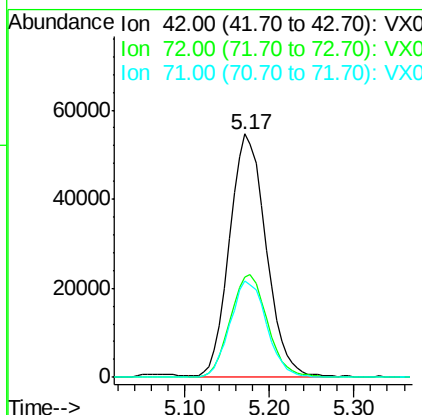
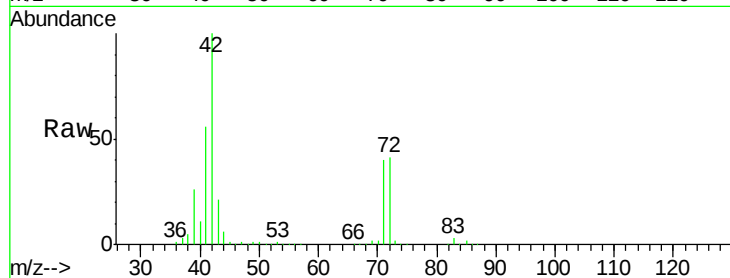
#29
Tetrahydrofuran
Concen: 103.65 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	32.0	48.0
71	40.2	30.1	45.1

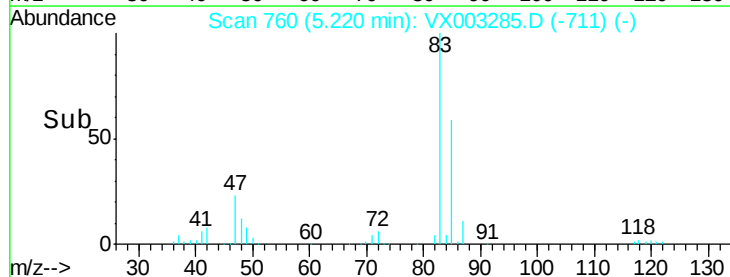
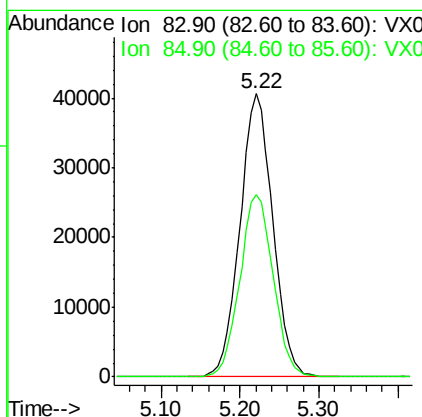
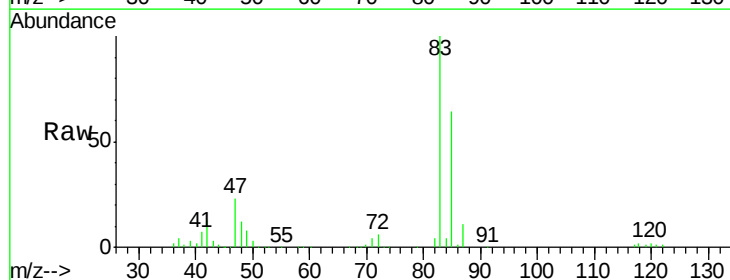
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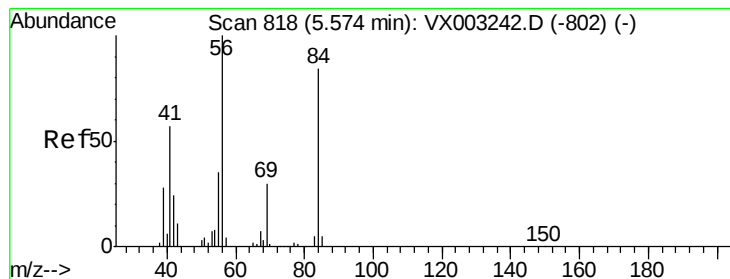
MMDadoda
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#30
Chloroform
Concen: 20.15 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.4	75.6





#31

Cyclohexane

Concen: 19.96 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

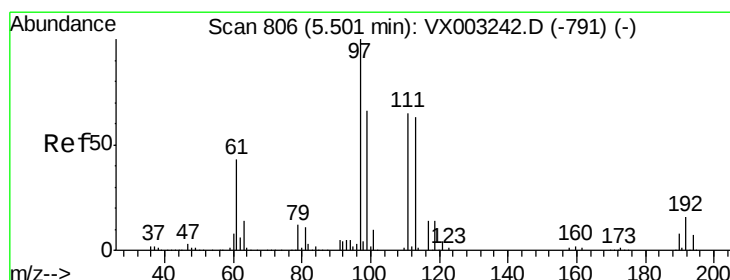
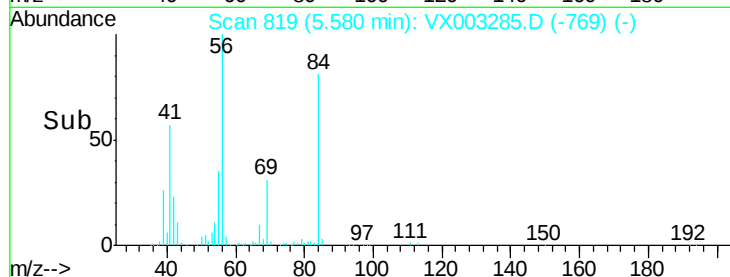
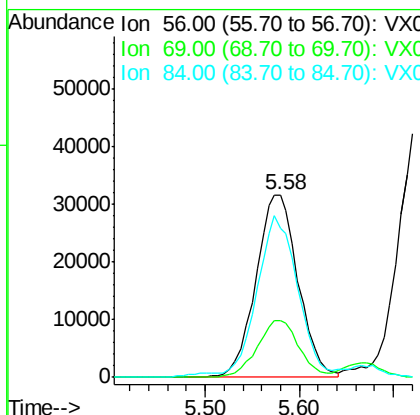
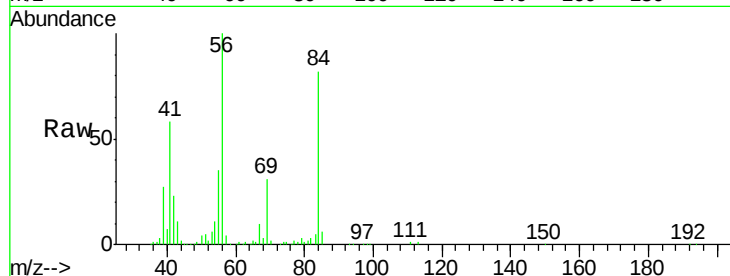
ClientSampleId :

VX0710WBS01

Tot Ion:	56	Resp:	99011
Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.7	35.5
84	80.2	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.90 ug/l

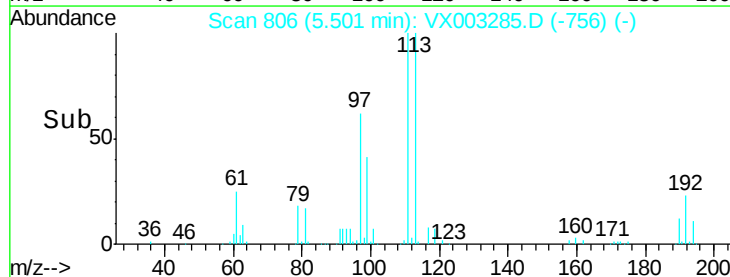
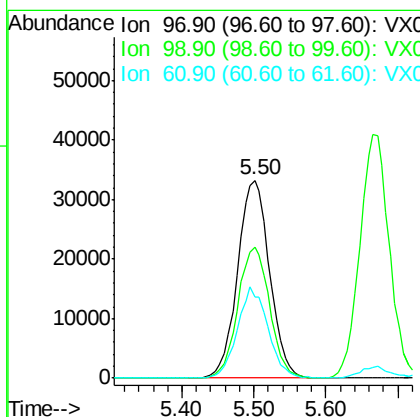
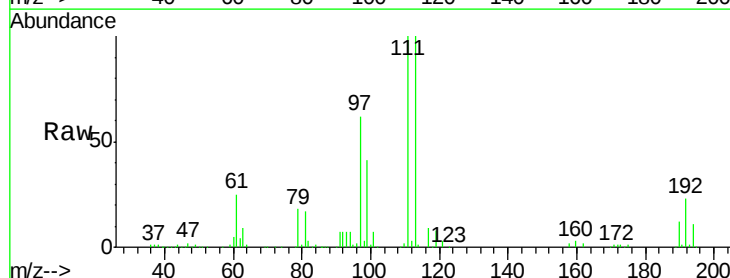
RT: 5.50 min Scan# 806

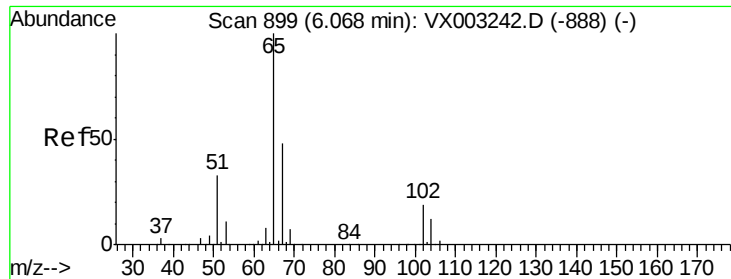
Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Tgt Ion:	97	Resp:	102318
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.6	77.4
61	43.7	36.4	54.6





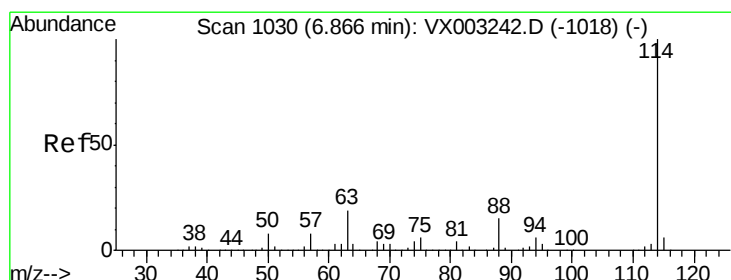
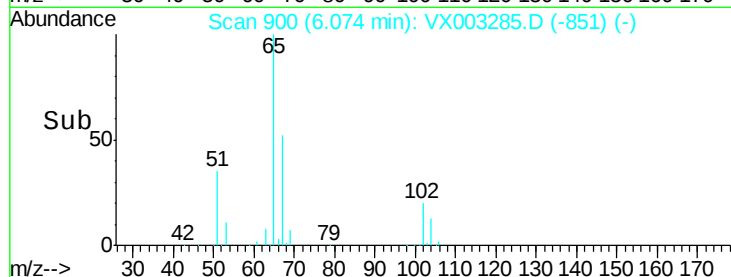
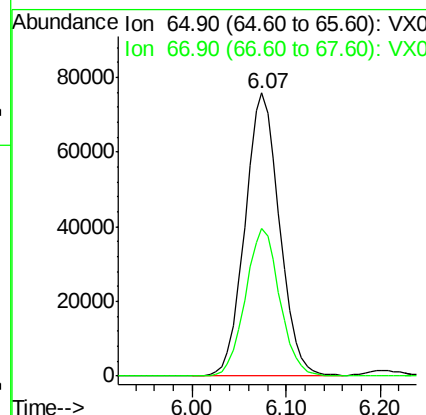
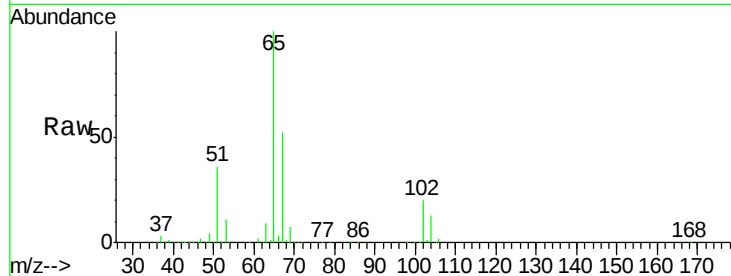
#33
 1,2-Dichloroethane-d4
 Concen: 51.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6

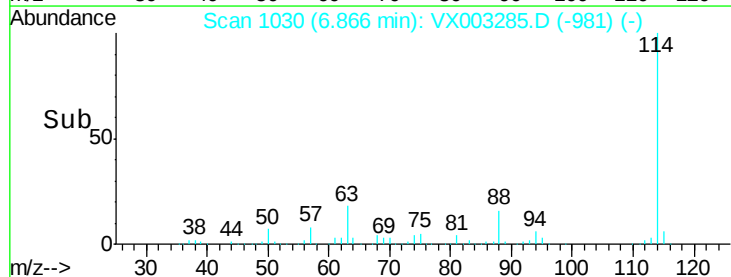
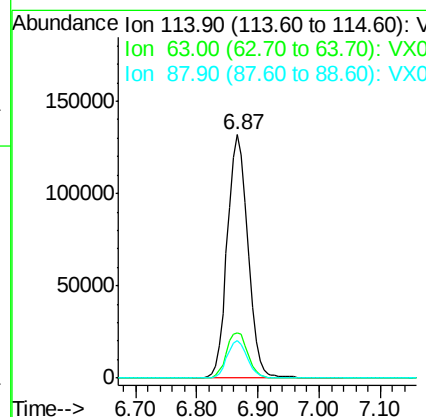
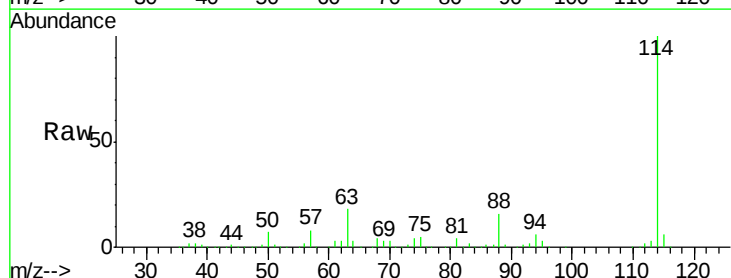
Manual Integrations
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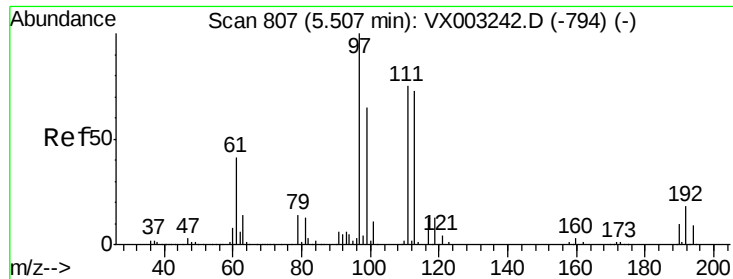
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.4
88	15.7	0.0	30.0





#35

Dibromofluoromethane

Concen: 49.13 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

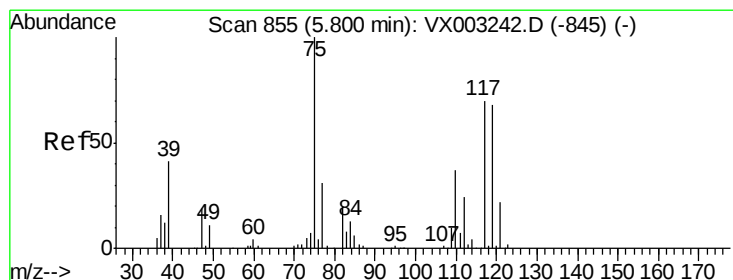
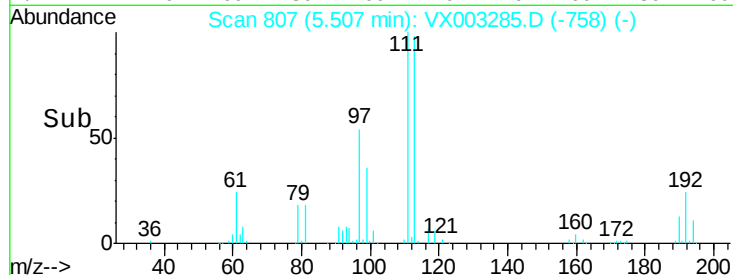
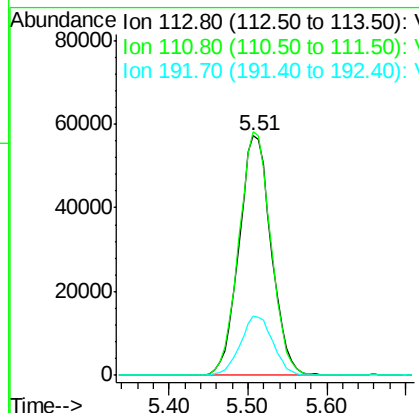
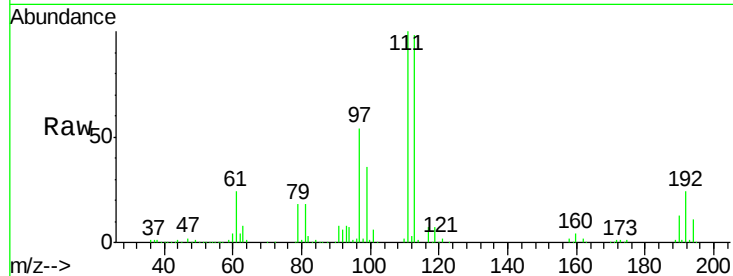
ClientSampleId :

VX0710WBS01

Tot Ion:	113	Resp:	162464
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.0
192	25.0	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 19.60 ug/l

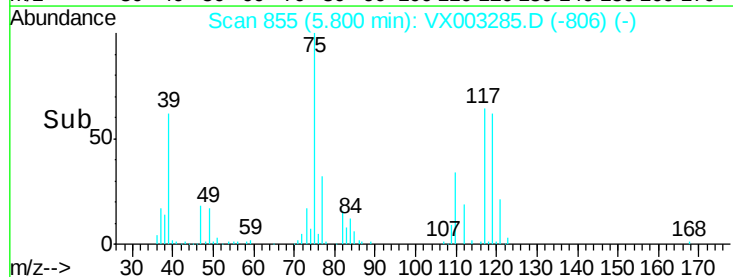
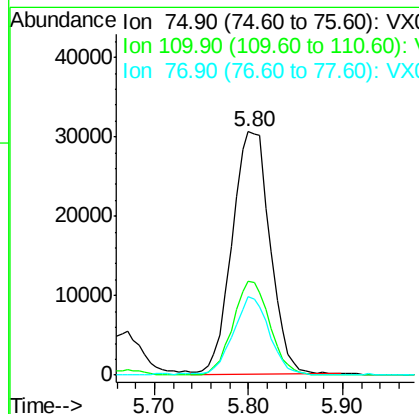
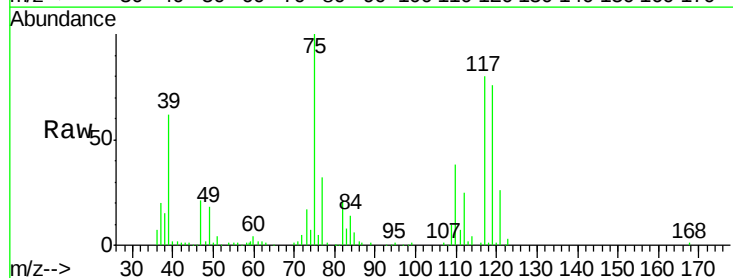
RT: 5.80 min Scan# 855

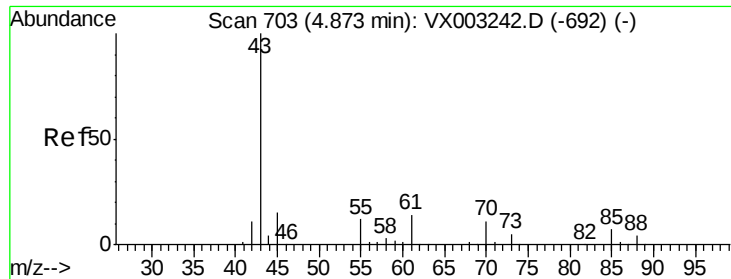
Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Tgt Ion:	75	Resp:	85396
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.1	54.4
77	30.7	24.3	36.5





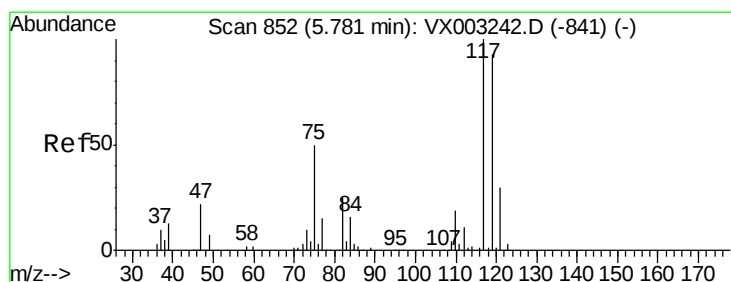
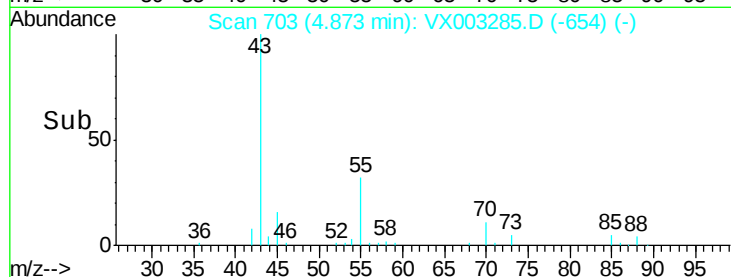
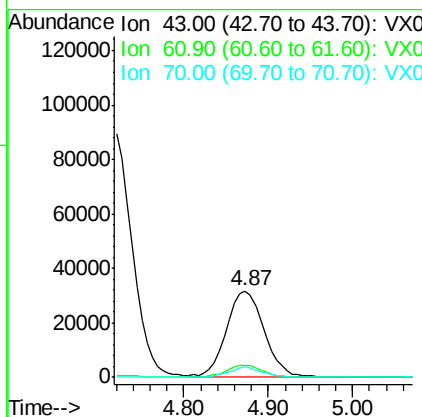
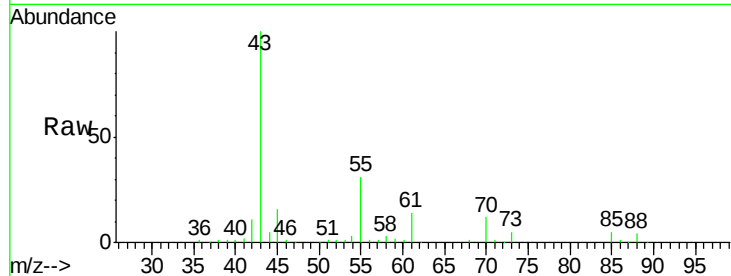
#37
Ethyl Acetate
Concen: 20.15 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	10.5	7.6	11.4

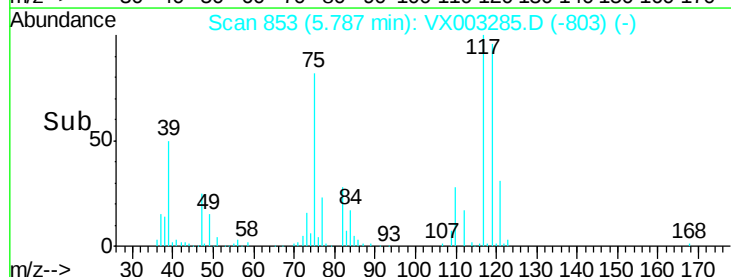
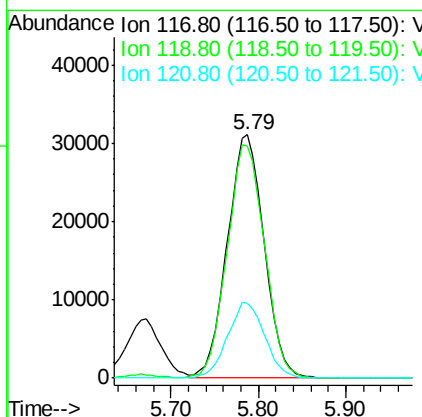
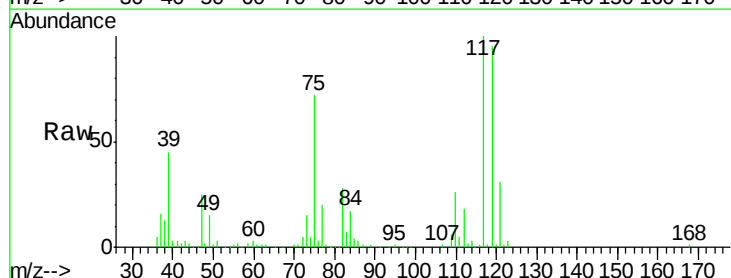
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#38
Carbon Tetrachloride
Concen: 19.11 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
121	30.5	24.4	36.6





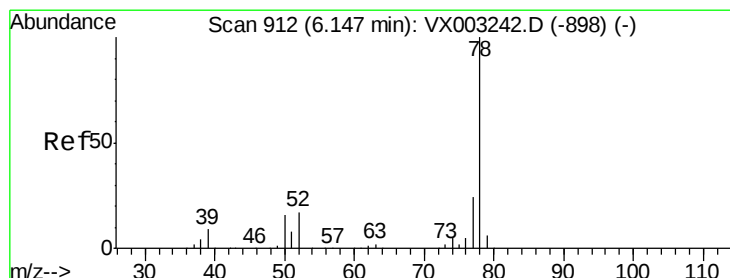
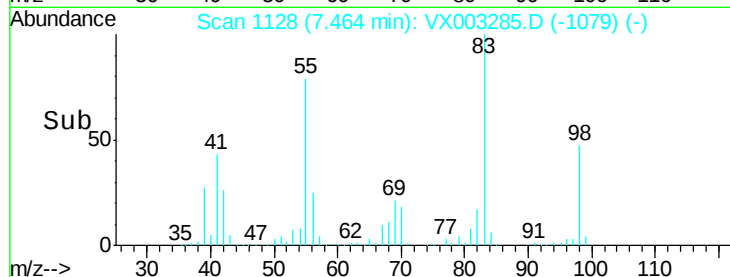
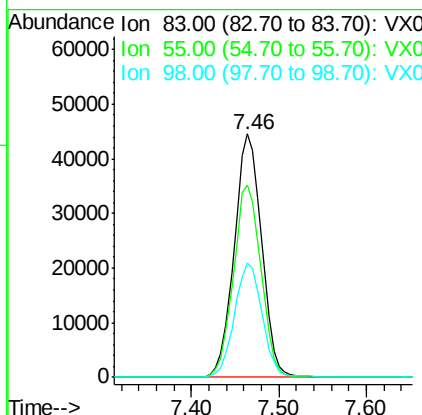
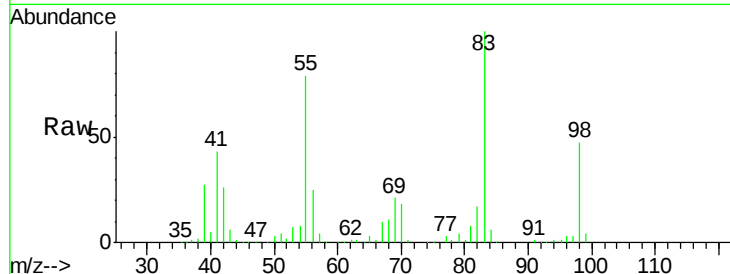
#39
Methylvlcvclohexane
Concen: 18.89 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	83	Resp	96965
Ion Ratio	100	Lower	Upper
83	100		
55	78.7	65.4	98.0
98	46.9	37.4	56.0

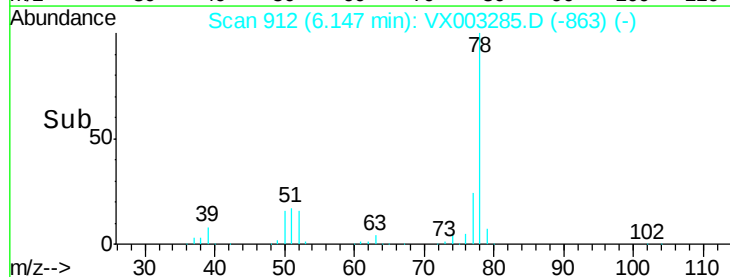
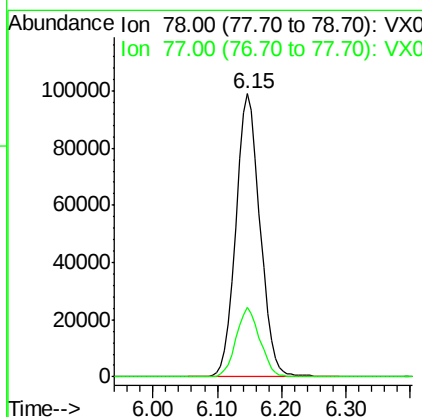
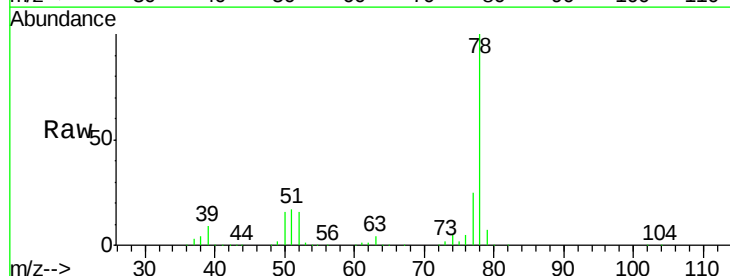
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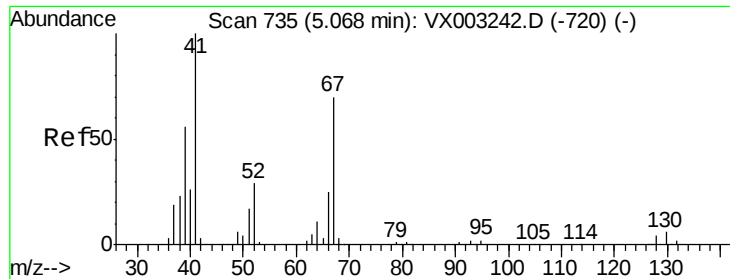
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#40
Benzene
Concen: 19.97 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	78	Resp	257825
Ion Ratio	100	Lower	Upper
78	100		
77	24.5	19.1	28.7





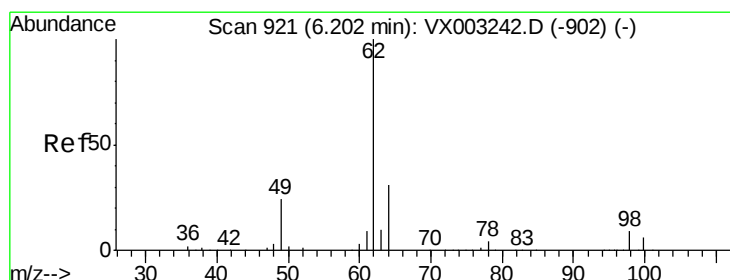
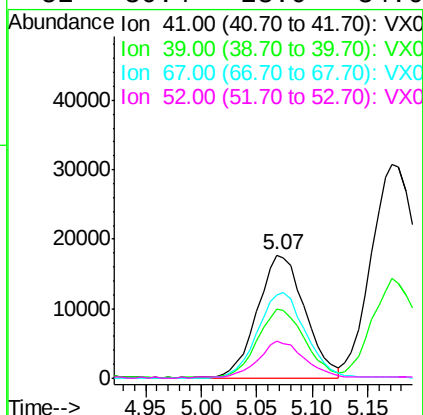
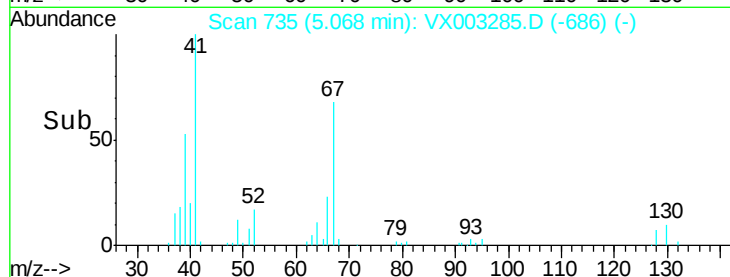
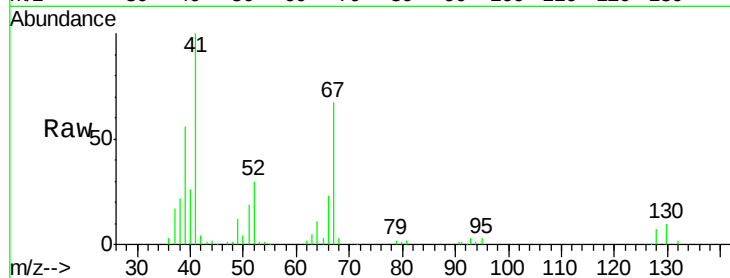
#41
Methacrylonitrile
Concen: 20.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion:	41	Resp:	52325
Ion Ratio	Lower	Upper	
41	100		
39	55.5	45.8	68.6
67	71.5	51.3	76.9
52	30.4	23.0	34.6

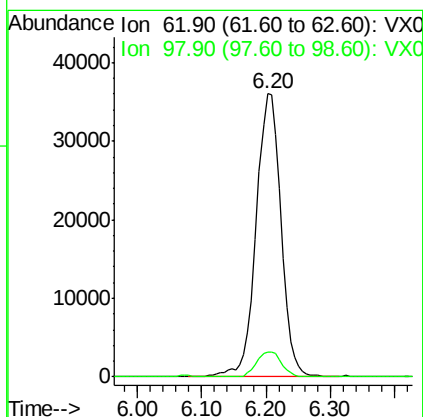
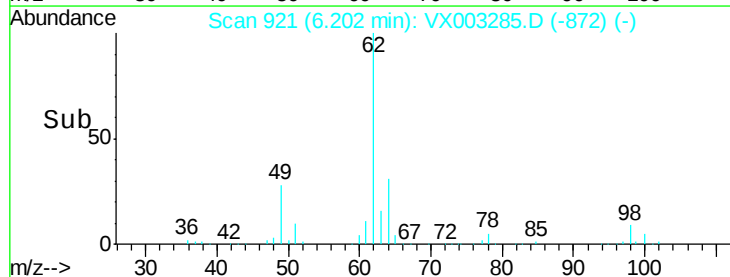
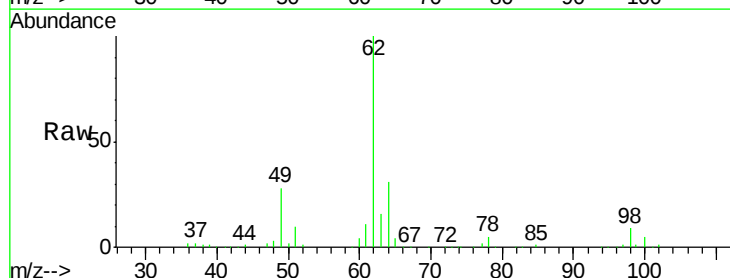
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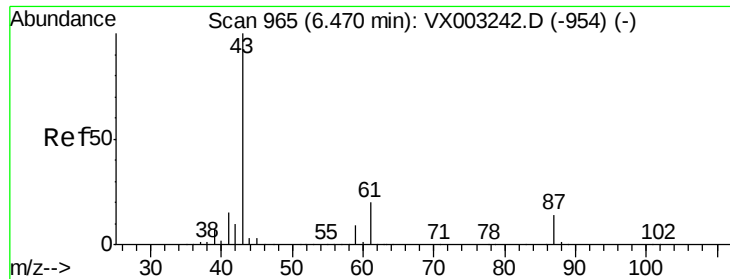
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.72 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion:	62	Resp:	95125
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	16.6





#43

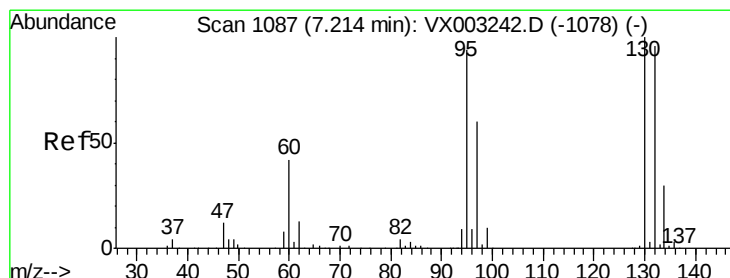
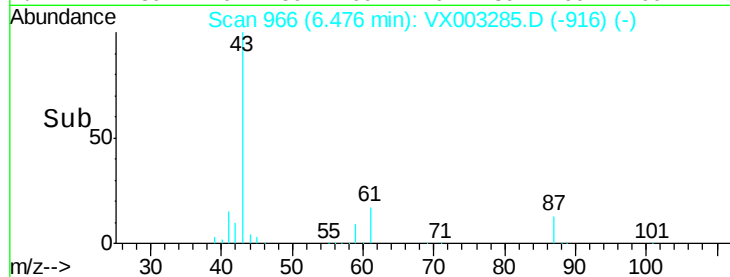
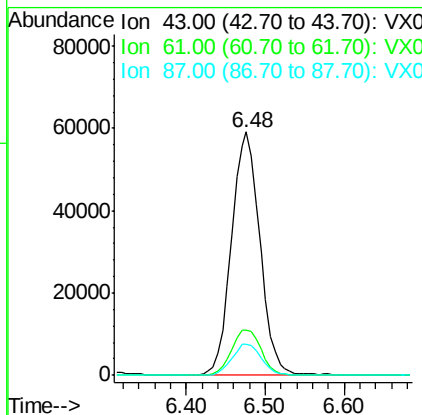
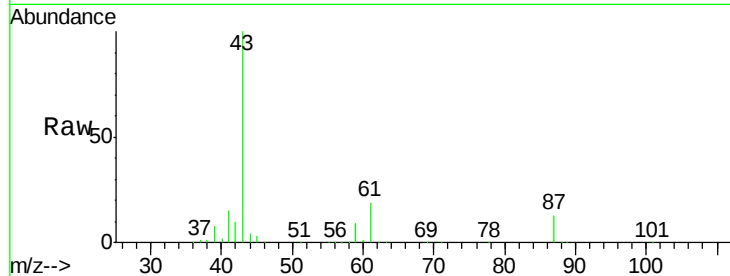
Isopropyl Acetate
 Concen: 19.62 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	43	61	87
Resp	147147		
Ratio	100	19.7	13.3
Lower		14.4	9.5
Upper		21.6	14.3

Manual Integrations
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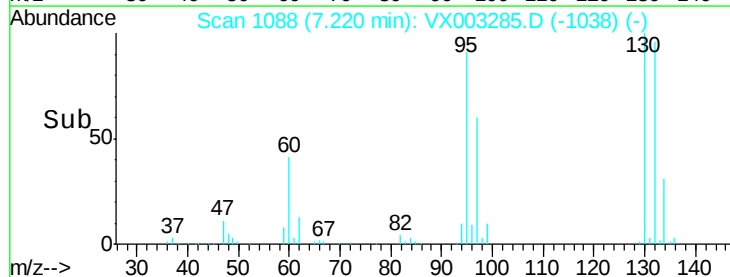
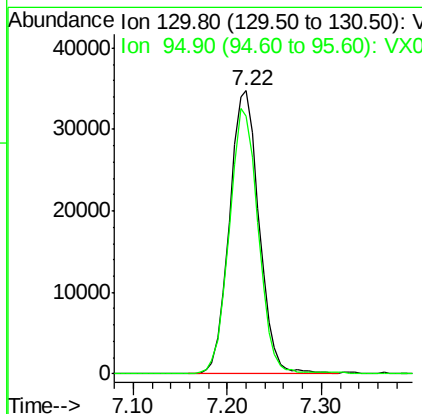
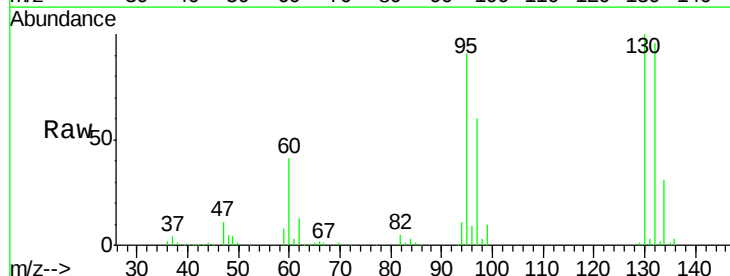
MMDadoda
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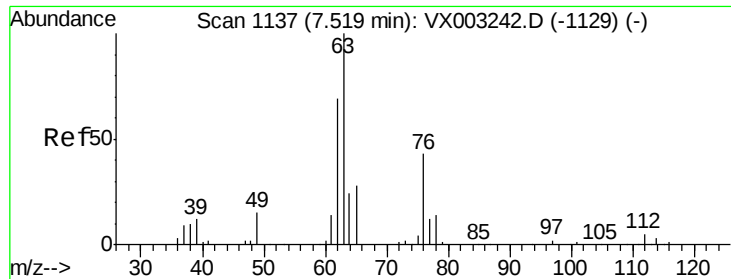


#44

Trichloroethene
 Concen: 19.91 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	130	95
Resp	76028	
Ratio	100	91.1
Lower		0.0
Upper		185.4





#45

1,2-Dichloropropane

Concen: 19.87 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 63 Resp: 66722

Ion Ratio Lower Upper

63 100

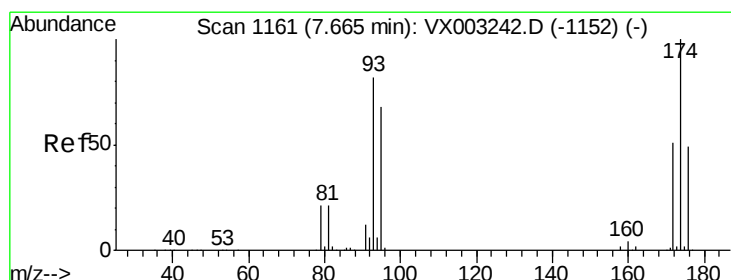
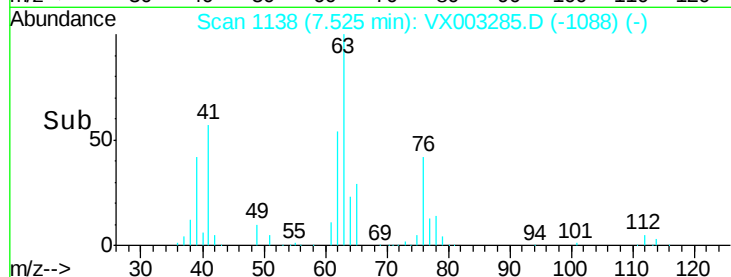
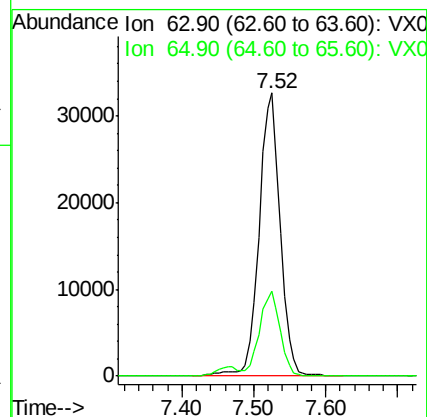
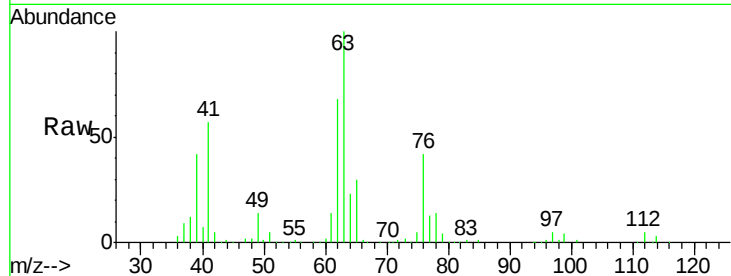
65 30.1 24.7 37.1

Manual Integrations

APPROVED

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#46

Dibromomethane

Concen: 19.75 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

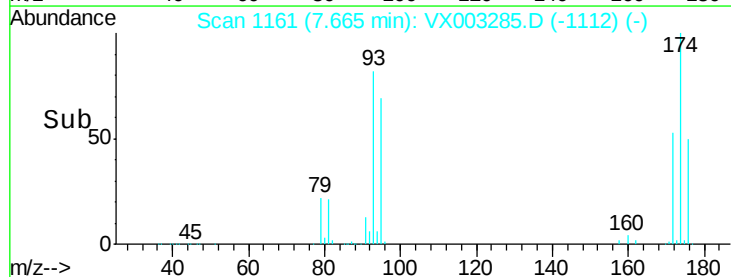
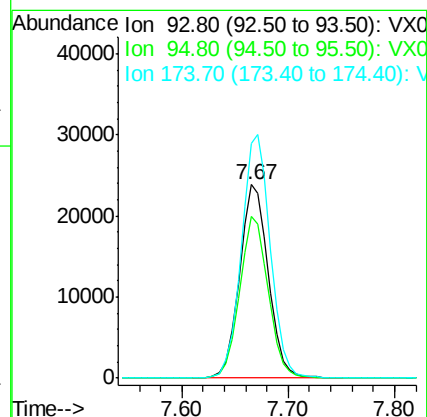
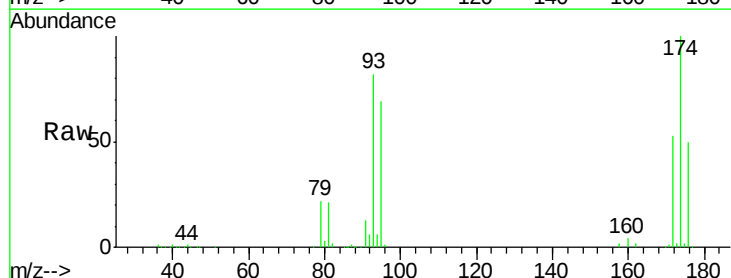
Tgt Ion: 93 Resp: 45186

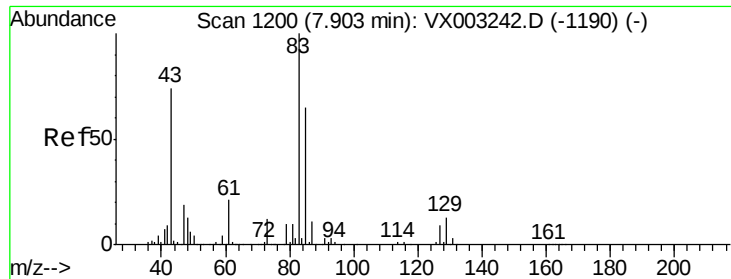
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 126.7 92.4 138.6





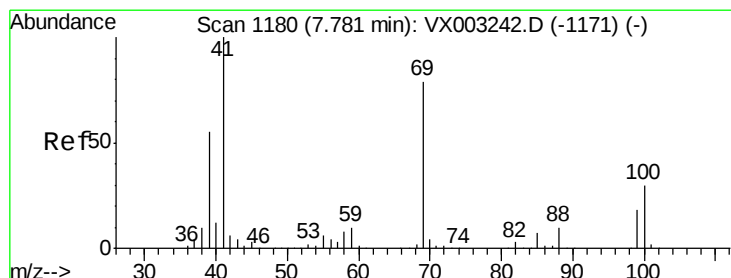
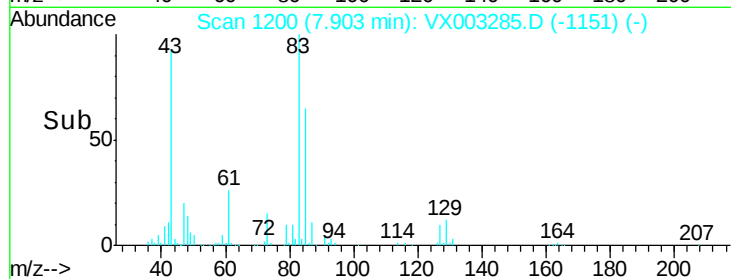
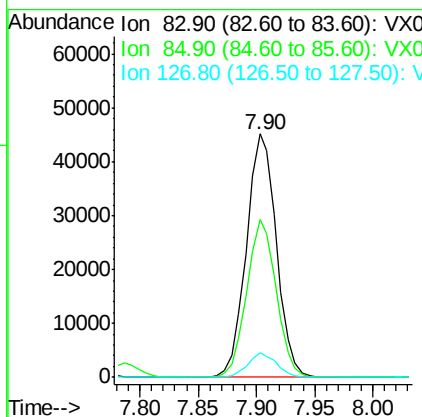
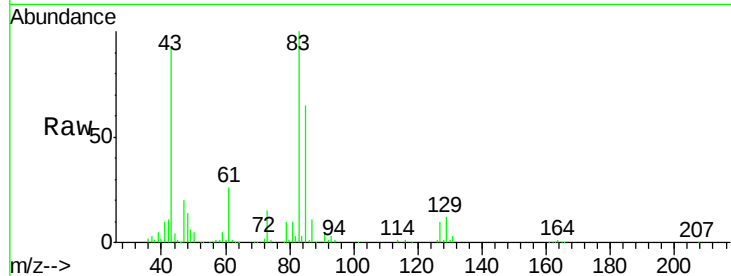
#47
Bromodichloromethane
Concen: 19.27 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5
127	9.9	7.0	10.4

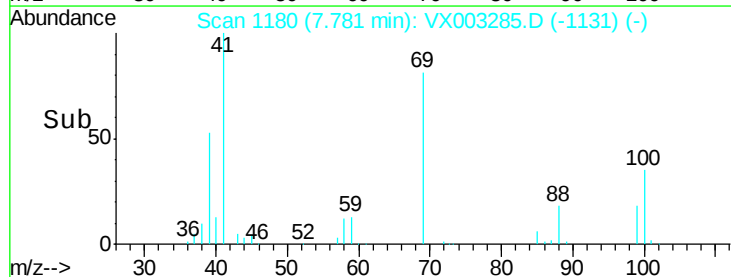
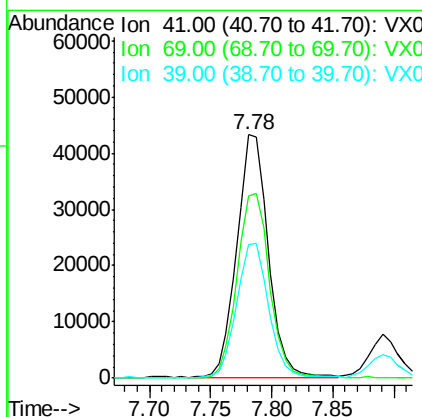
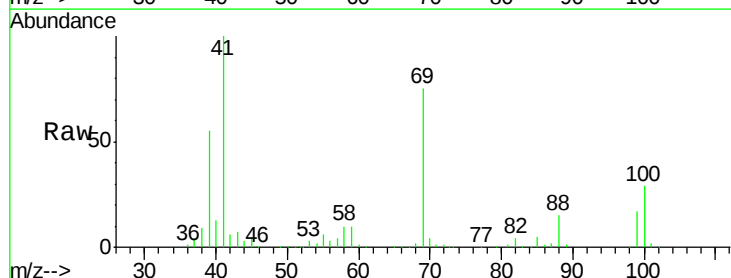
Manual Integrations
APPROVED

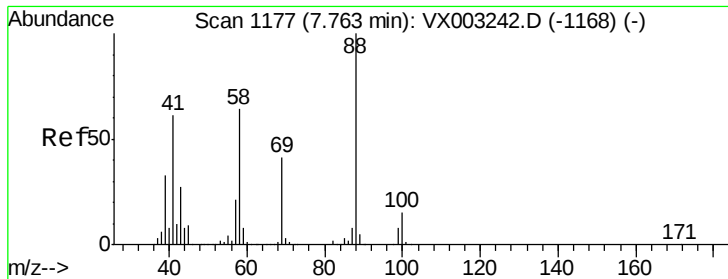
MMDadoda
7/11/2018 3:09:26 PM



#48
Methyl methacrylate
Concen: 19.99 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.4	59.1	88.7
39	56.1	48.9	73.3





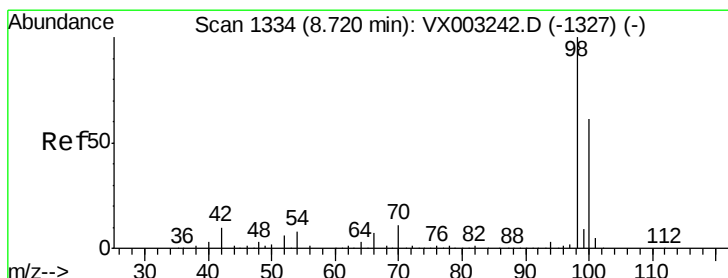
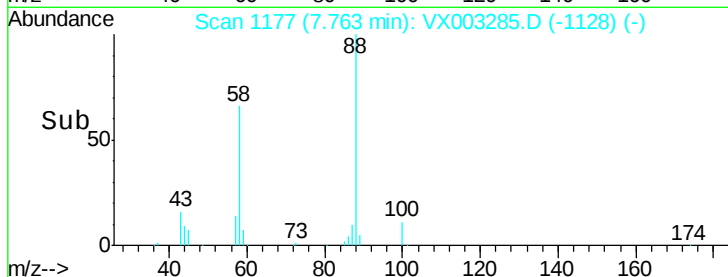
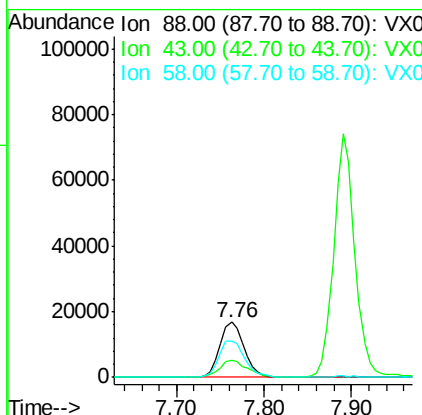
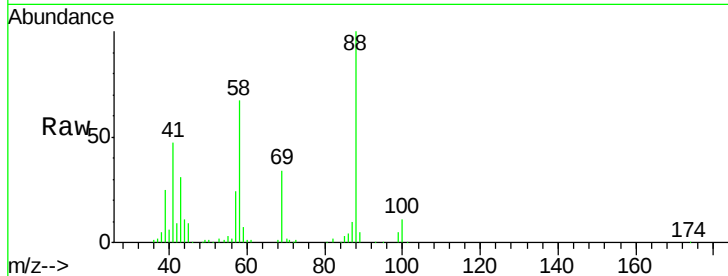
#49
1,4-Dioxane
Concen: 402.08 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	29.8	44.6
58	71.7	57.1	85.7

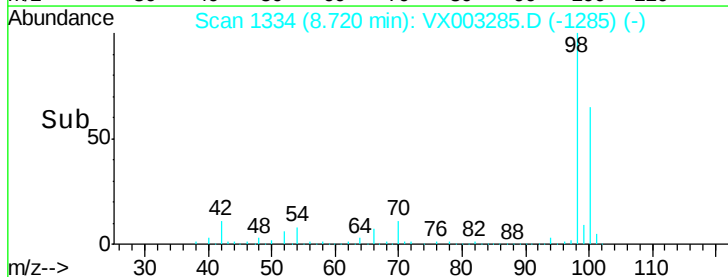
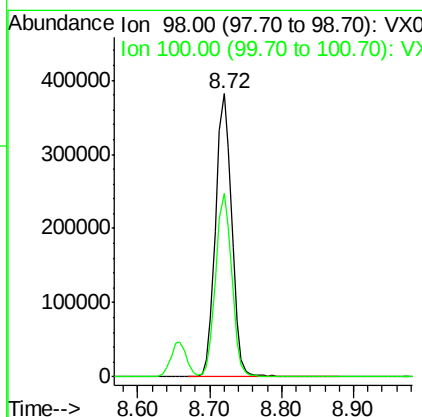
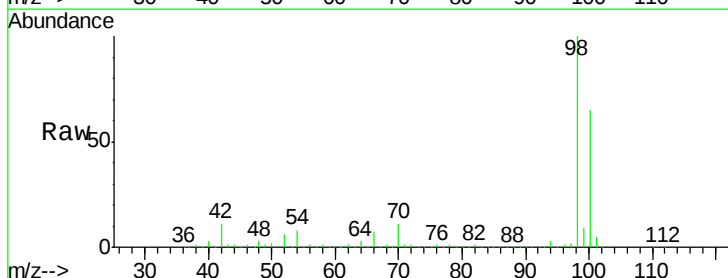
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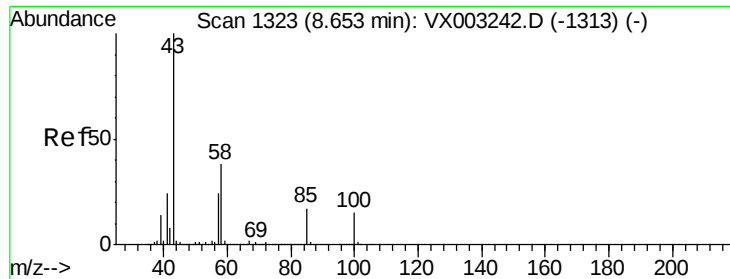
MMDadoda
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#50
Toluene-d8
Concen: 50.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 105.31 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 43 Resp: 491774

Ion Ratio Lower Upper

43 100

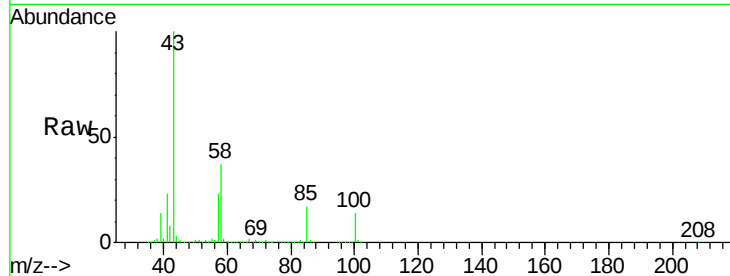
58 37.2 28.6 42.8

Manual Integrations

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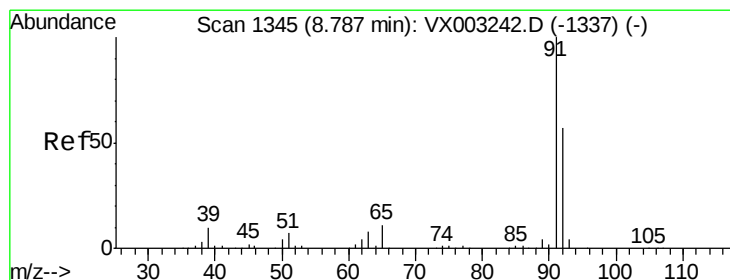
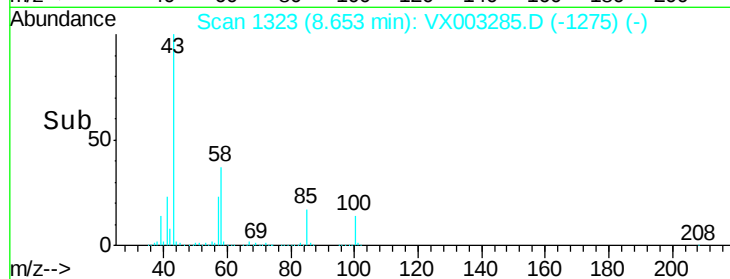
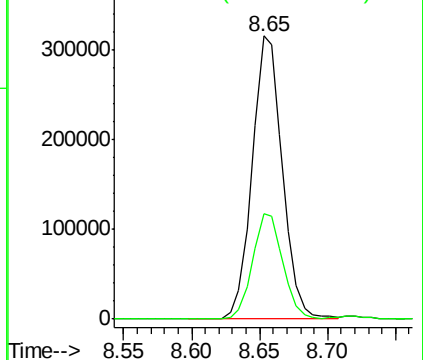
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.11 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003285.D

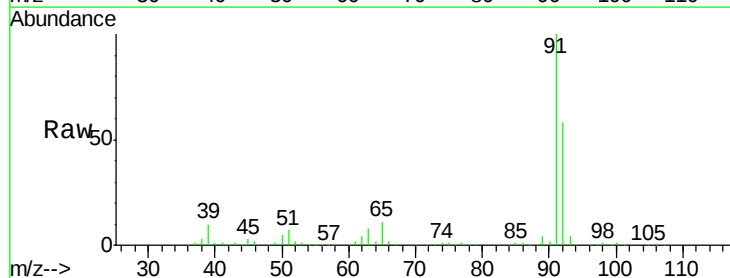
Acq: 10 Jul 2018 15:41

Tgt Ion: 92 Resp: 164162

Ion Ratio Lower Upper

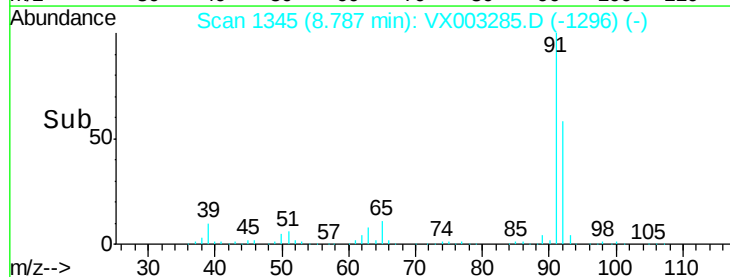
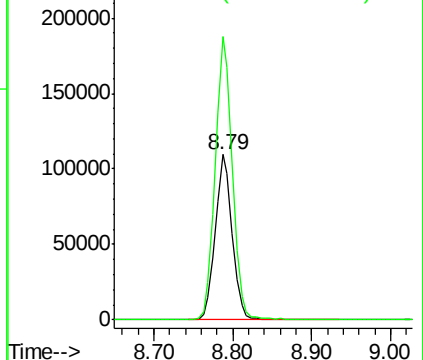
92 100

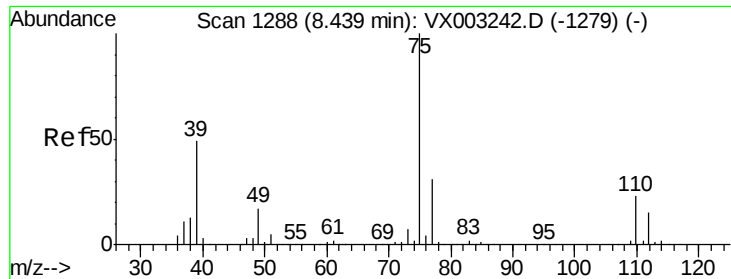
91 173.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





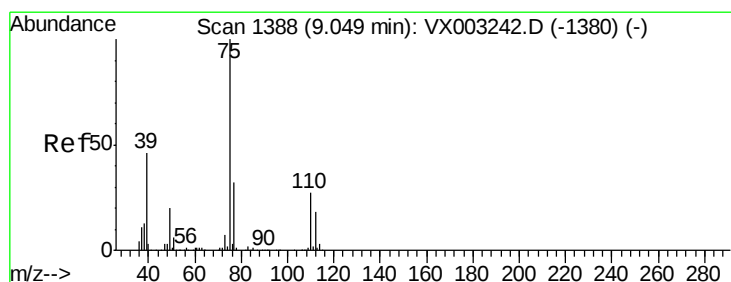
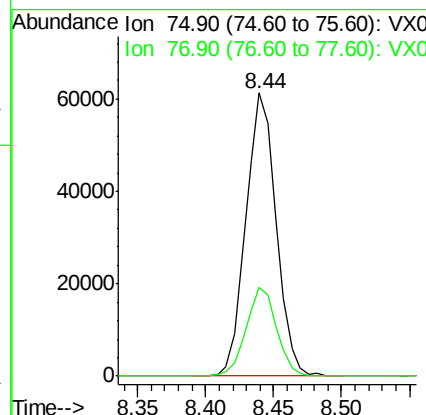
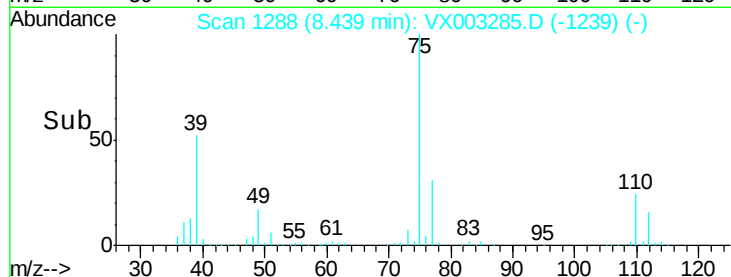
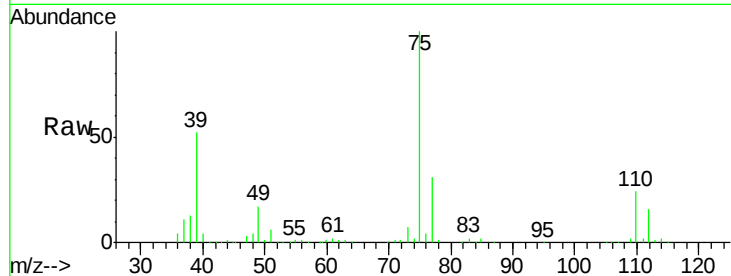
#53
t-1,3-Dichloropropene
Concen: 19.21 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion: 75 Resp: 95461
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

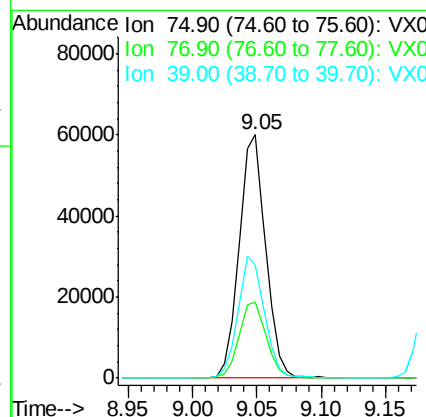
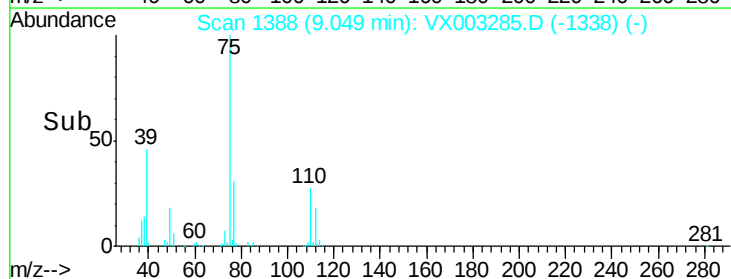
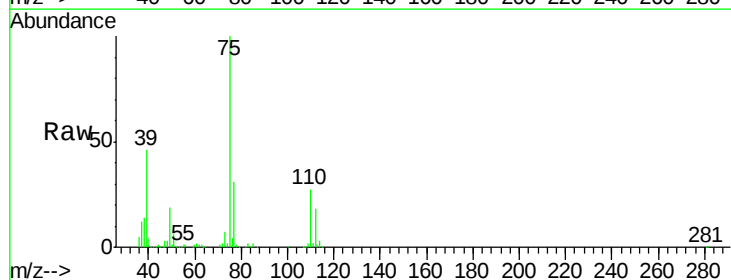
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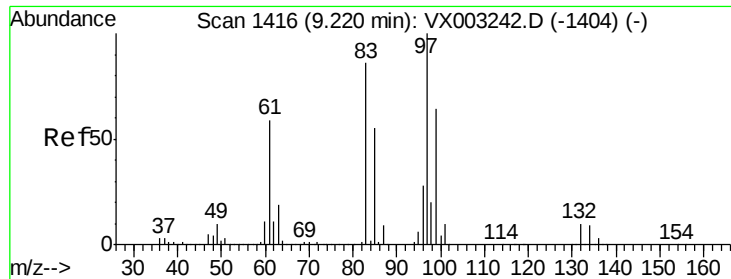
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#54
cis-1,3-Dichloropropene
Concen: 19.03 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion: 75 Resp: 86065
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 46.2 42.4 63.6





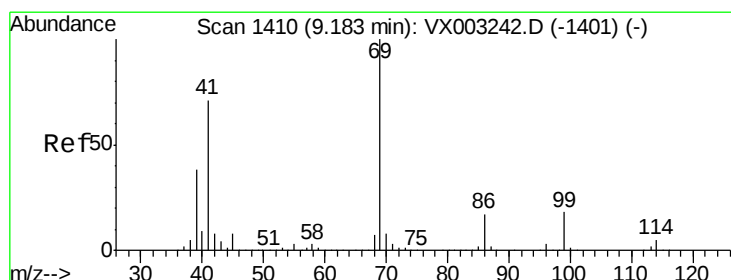
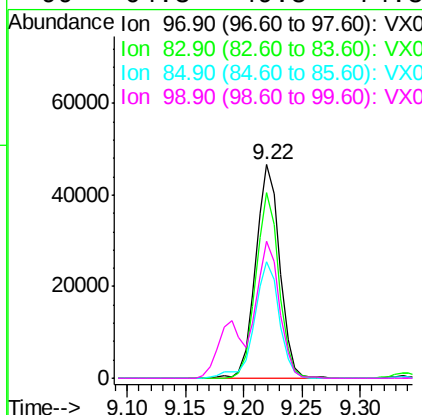
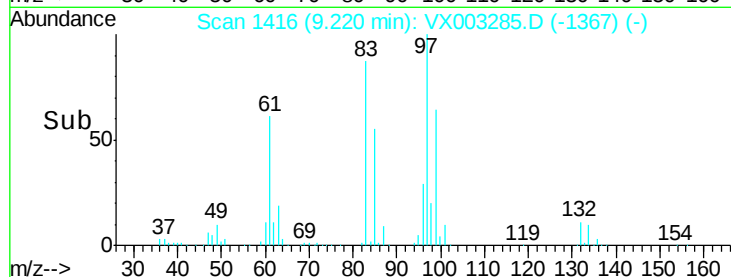
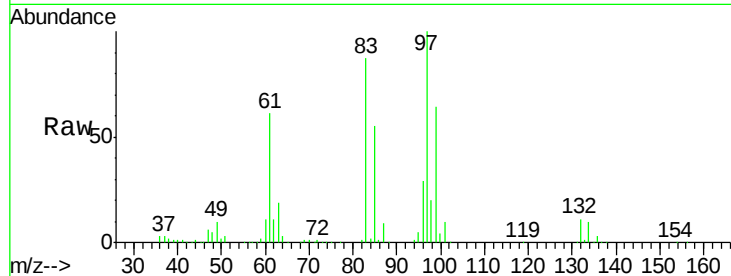
#55
 1,1,2-Trichloroethane
 Concen: 19.97 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion:	97	Resp:	67623
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	54.7	44.9	67.3
99	64.3	49.8	74.8

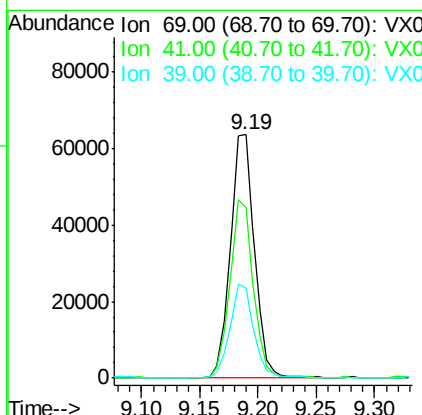
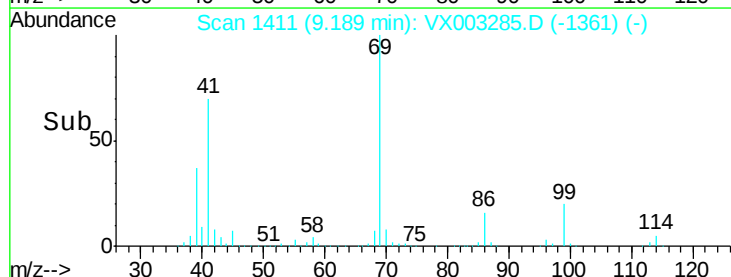
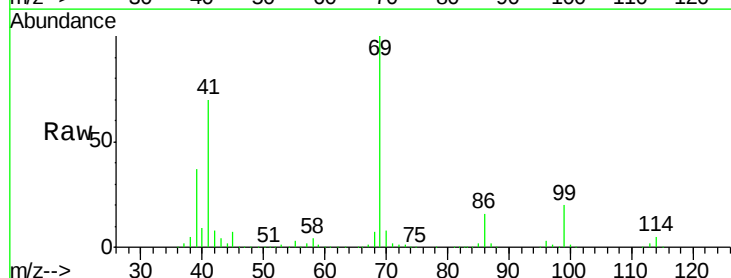
Manual Integrations
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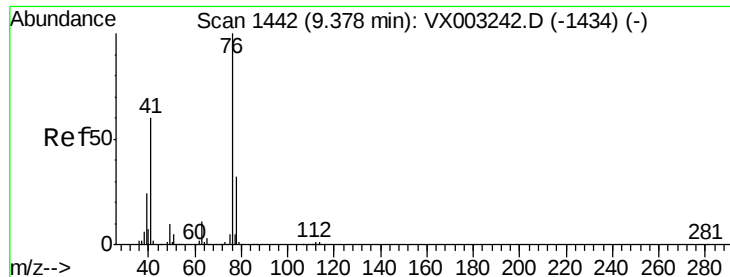
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#56
 Ethyl methacrylate
 Concen: 19.86 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion:	69	Resp:	92106
Ion	Ratio	Lower	Upper
69	100		
41	70.4	60.3	90.5
39	37.4	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.90 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 76 Resp: 108564

Ion Ratio Lower Upper

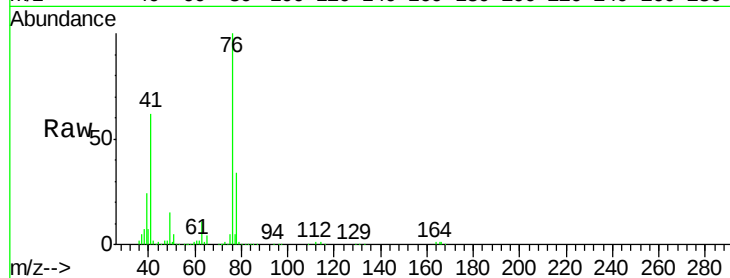
76 100

78 32.9 25.8 38.6

Manual Integrations
APPROVED

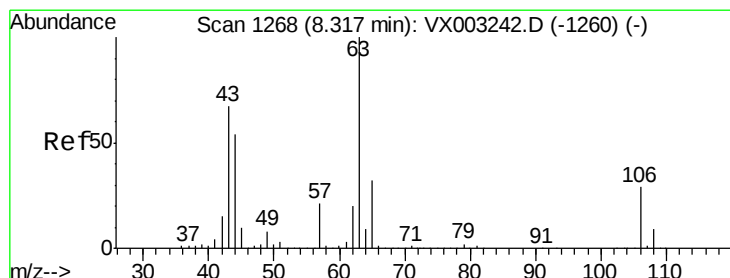
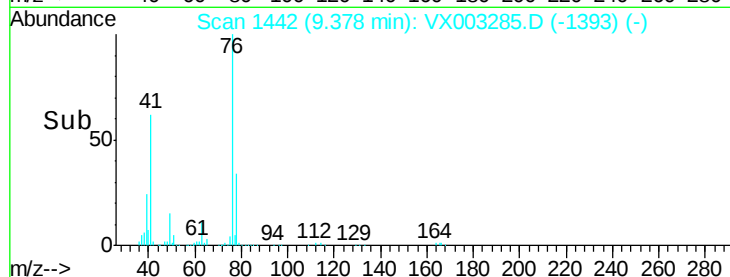
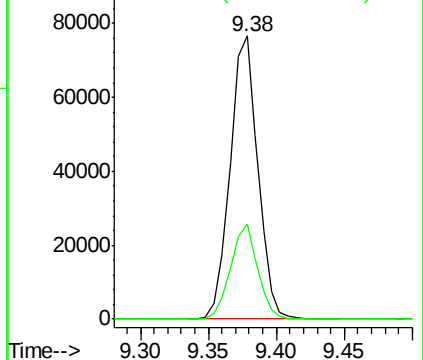
MMDadoda

7/11/2018 3:09:26 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.52 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003285.D

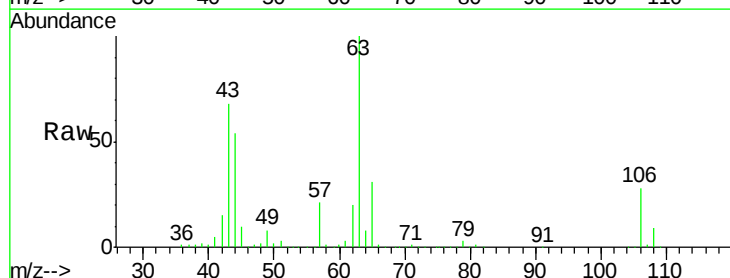
Acq: 10 Jul 2018 15:41

Tgt Ion: 63 Resp: 240559

Ion Ratio Lower Upper

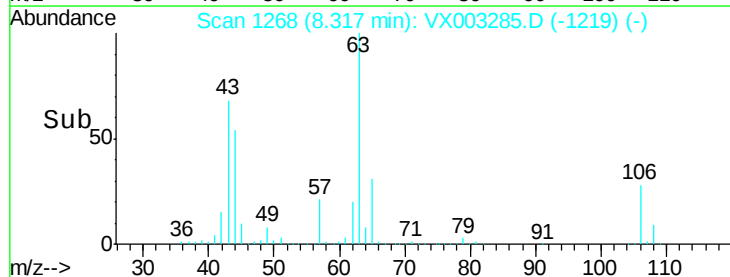
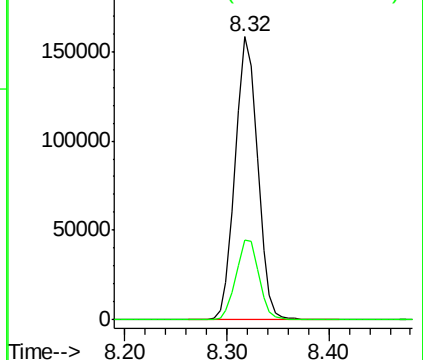
63 100

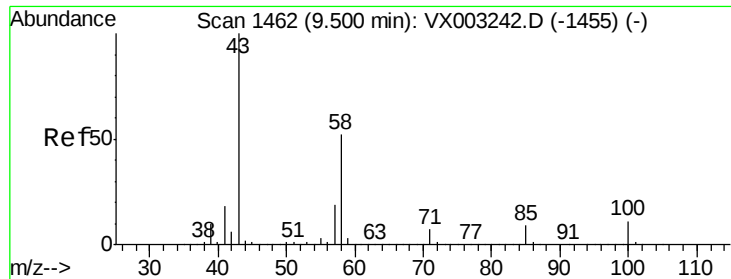
106 28.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





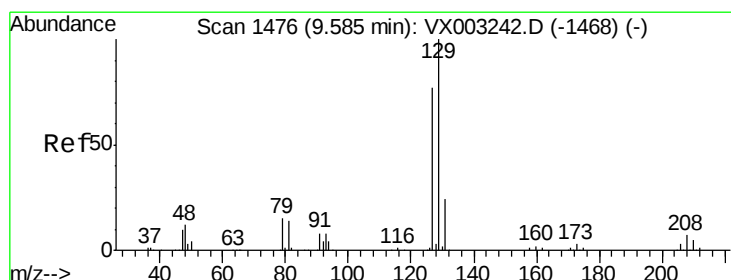
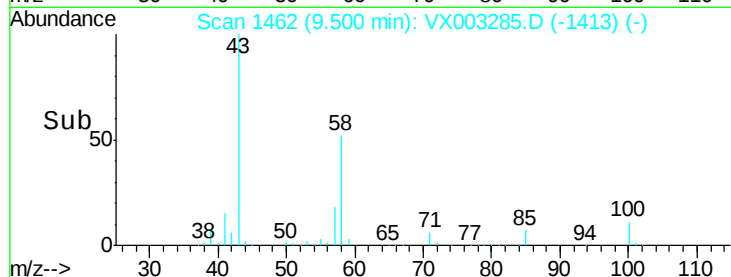
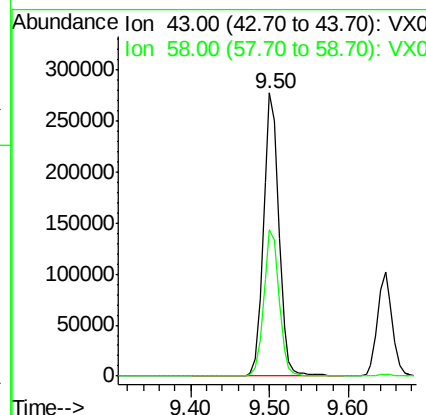
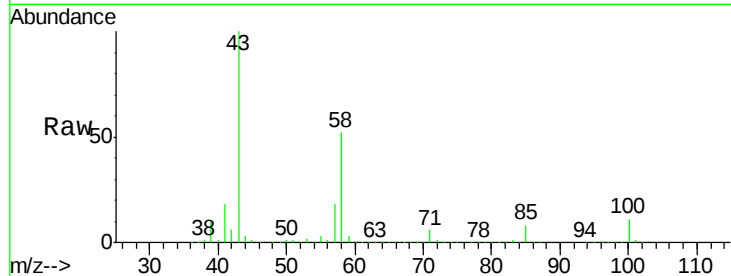
#59
2-Hexanone
Concen: 106.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion: 43 Resp: 376845
Ion Ratio Lower Upper
43 100
58 51.9 24.6 73.6

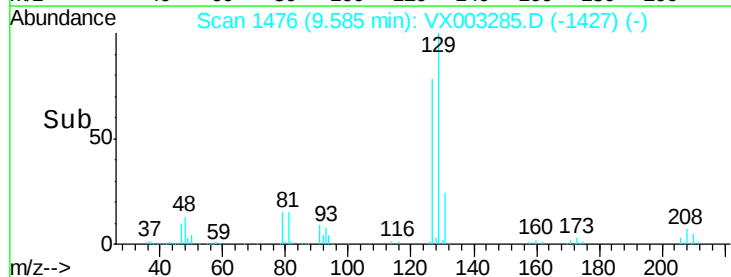
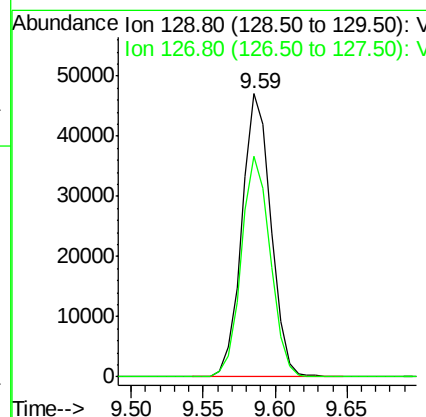
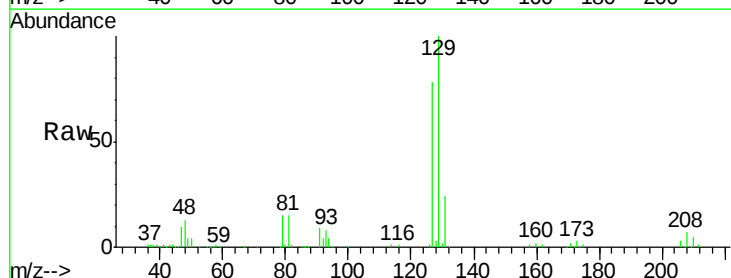
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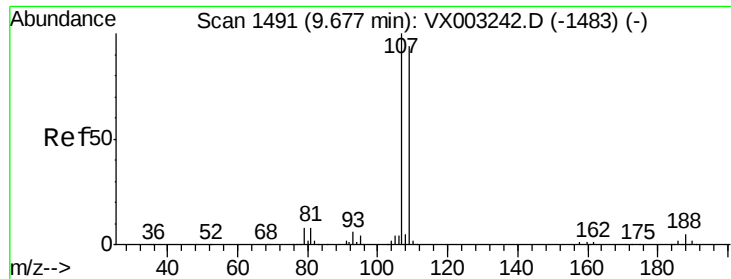
MMDadoda
7/11/2018 3:09:26 PM



#60
Dibromochloromethane
Concen: 18.57 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion: 129 Resp: 65664
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.84 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion:107 Resp: 70420

Ion Ratio Lower Upper

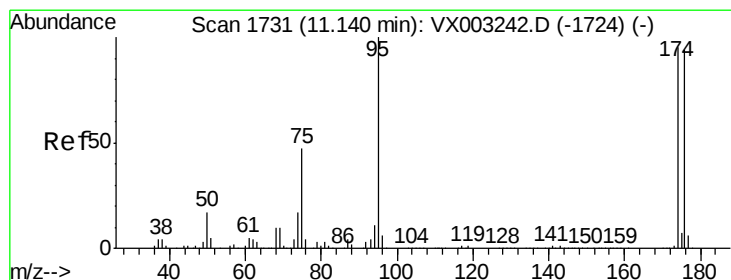
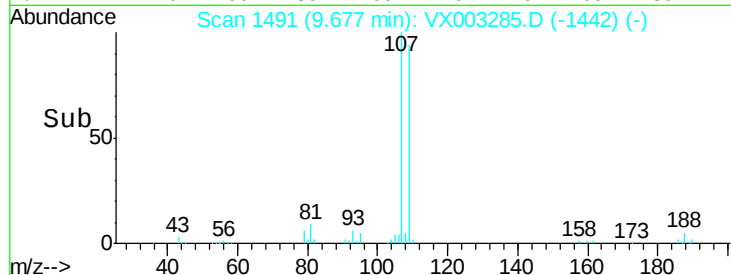
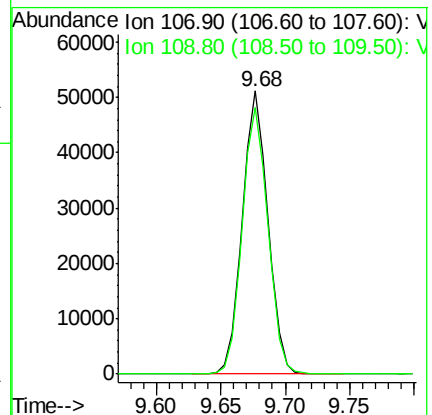
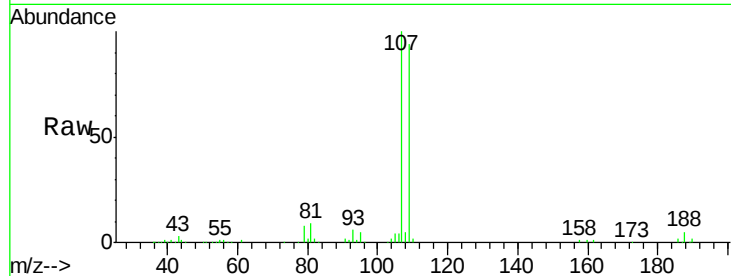
107 100

109 95.0 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 50.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

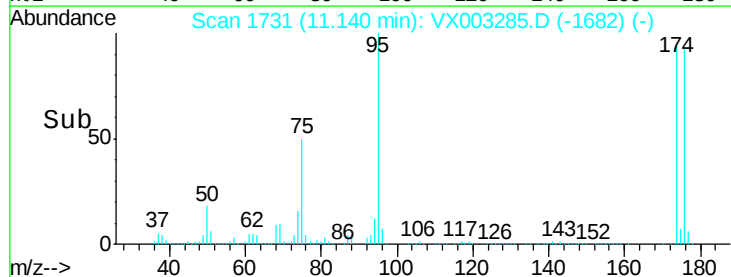
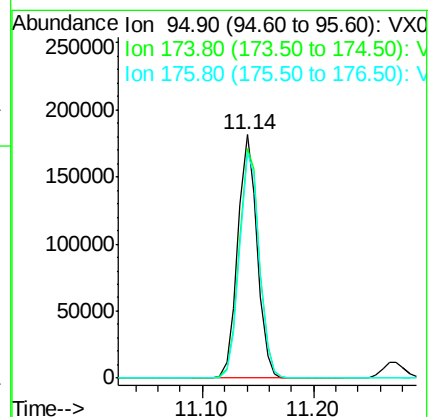
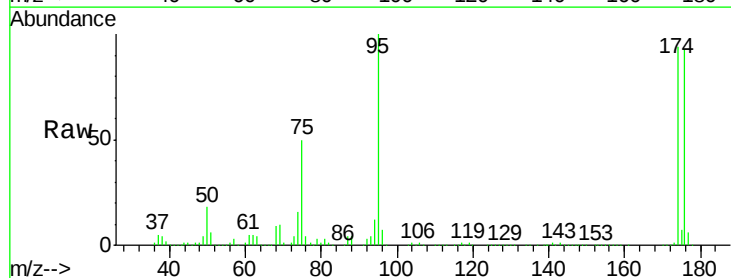
Tgt Ion: 95 Resp: 218176

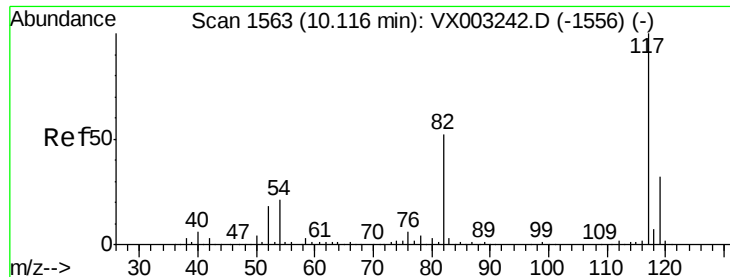
Ion Ratio Lower Upper

95 100

174 98.3 0.0 187.4

176 95.3 0.0 181.0





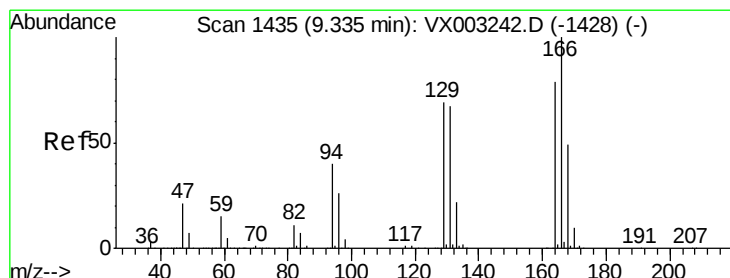
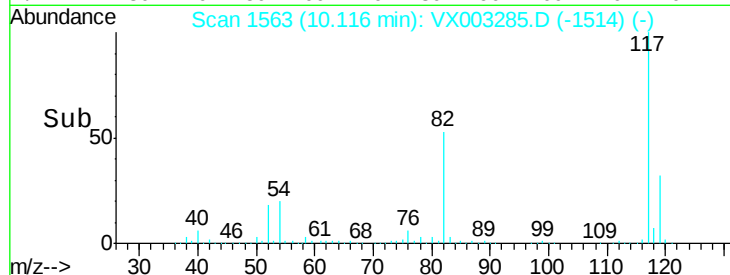
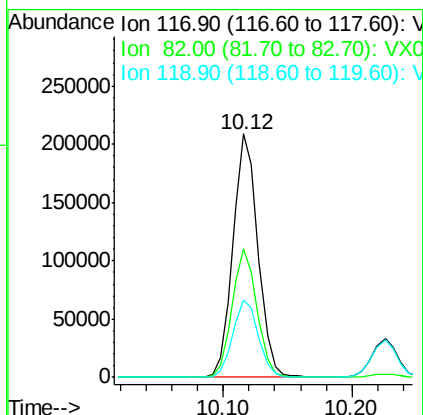
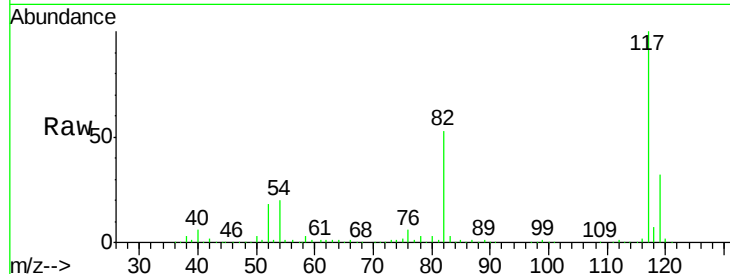
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.0	67.4
119	31.7	25.8	38.6

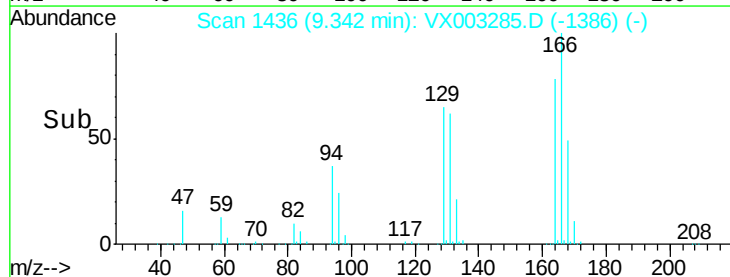
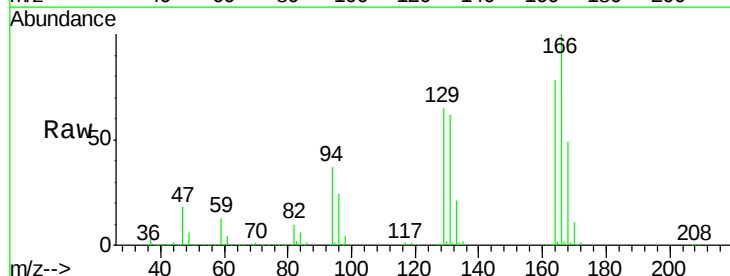
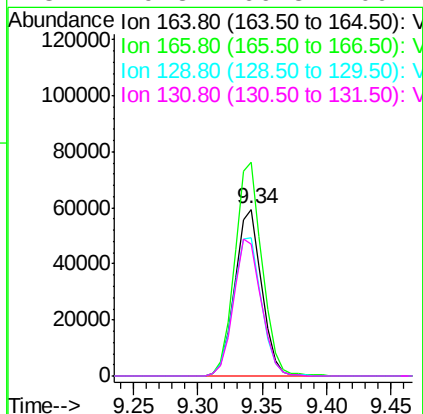
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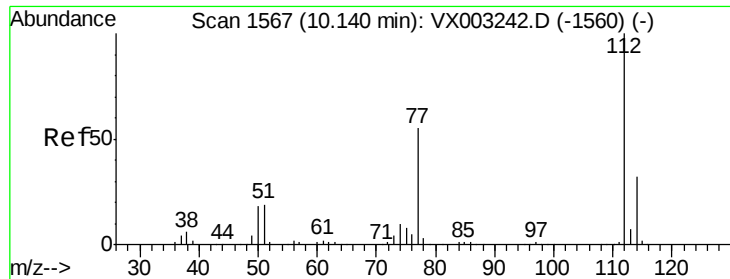
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#64
Tetrachloroethene
Concen: 20.25 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.9	154.3
129	82.8	68.6	102.8
131	79.3	66.8	100.2





#65

Chlorobenzene

Concen: 19.36 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tot Ion:112 Resp: 186218

Ion Ratio Lower Upper

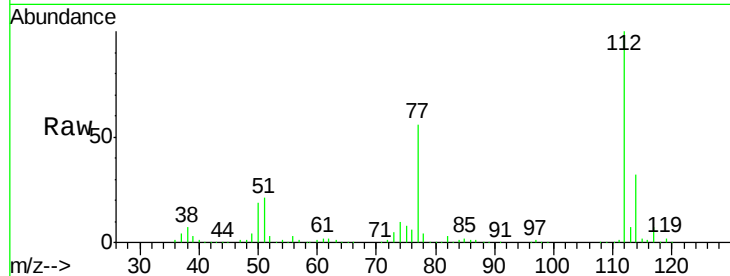
112 100

114 32.5 25.3 37.9

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

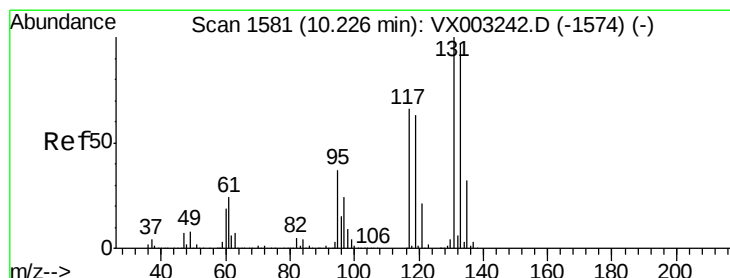
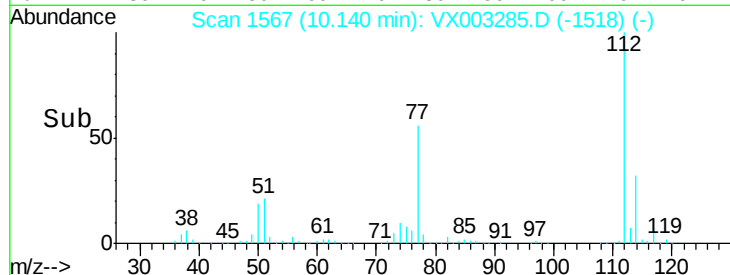
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.71 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

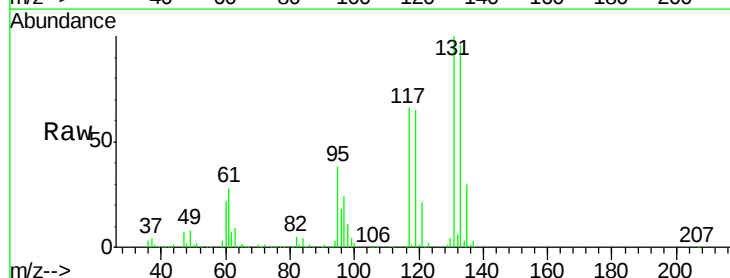
Tgt Ion:131 Resp: 68401

Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.6

119 62.8 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

10.23

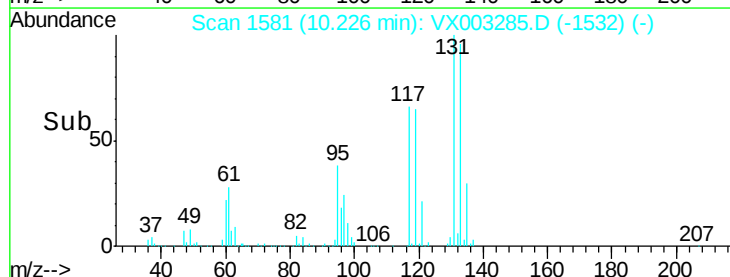
60000

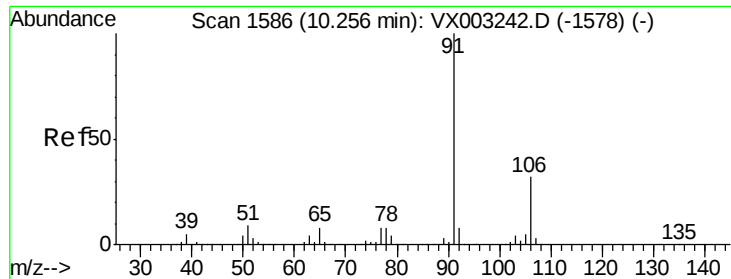
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 19.68 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 91 Resp: 306051

Ion Ratio Lower Upper

91 100

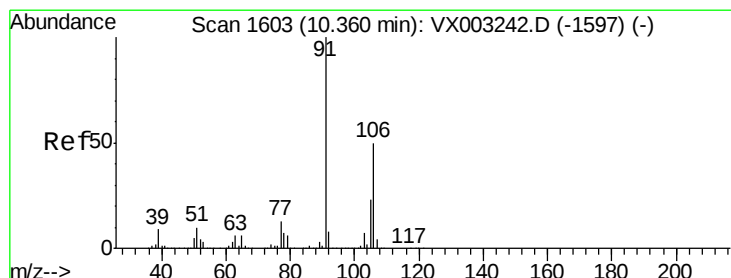
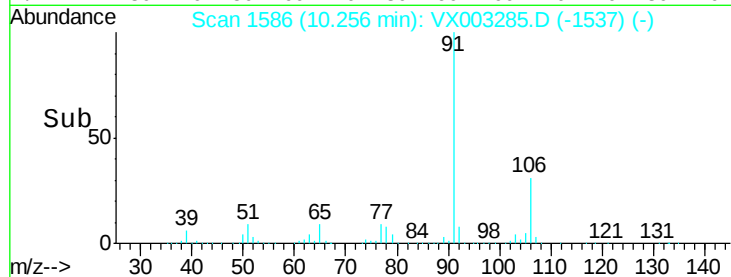
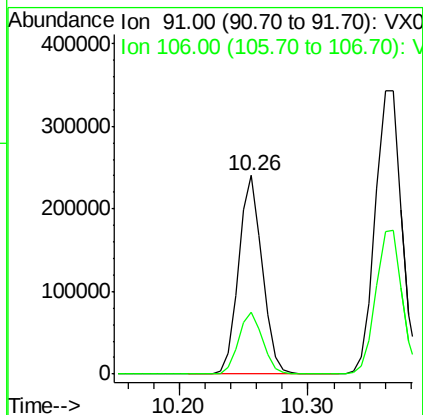
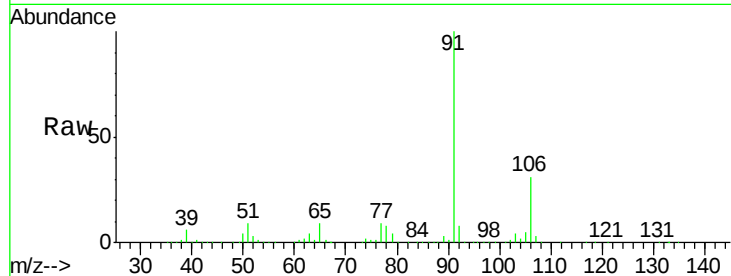
106 31.4 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.38 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003285.D

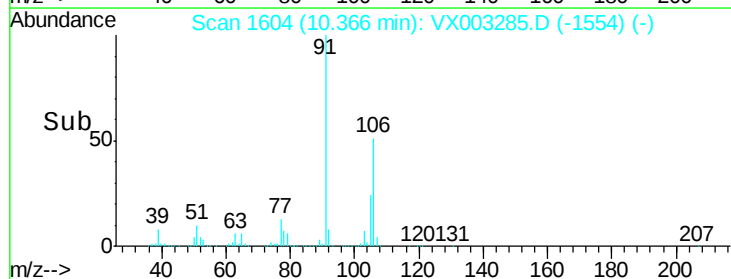
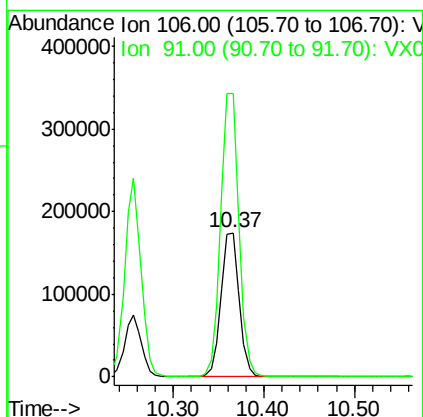
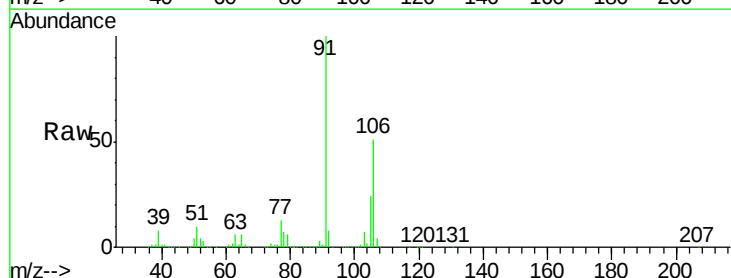
Acq: 10 Jul 2018 15:41

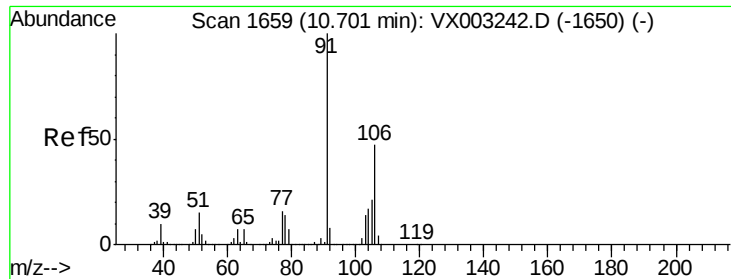
Tgt Ion: 106 Resp: 244341

Ion Ratio Lower Upper

106 100

91 198.4 163.4 245.2





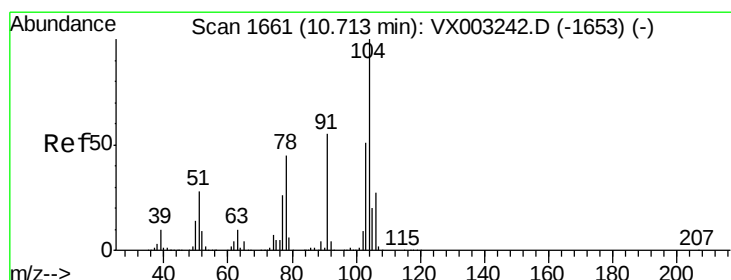
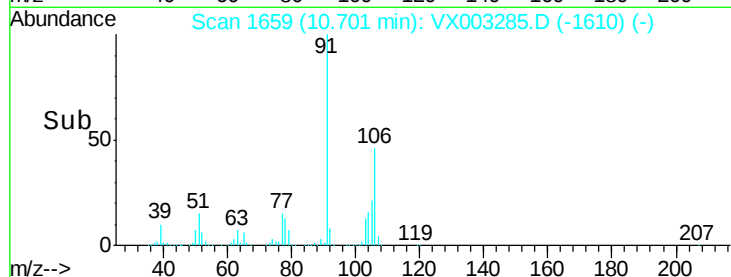
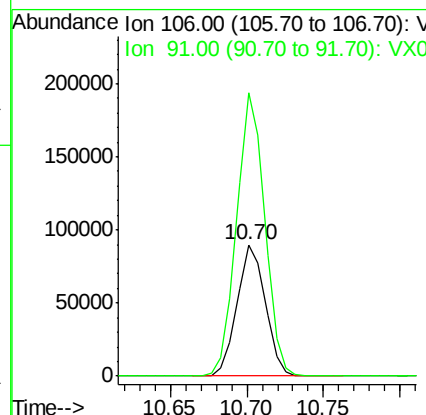
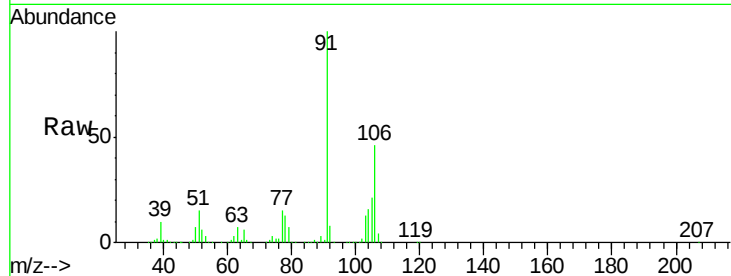
#69
o-Xylene
Concen: 19.73 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampled :
VX0710WBS01

Tot Ion:106 Resp: 115629
Ion Ratio Lower Upper
106 100
91 213.9 108.2 324.6

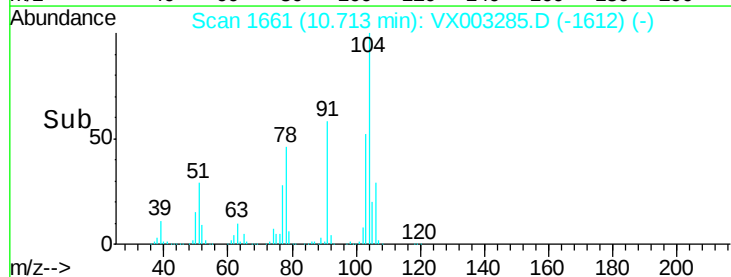
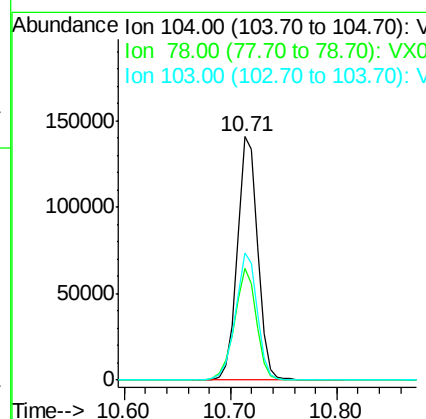
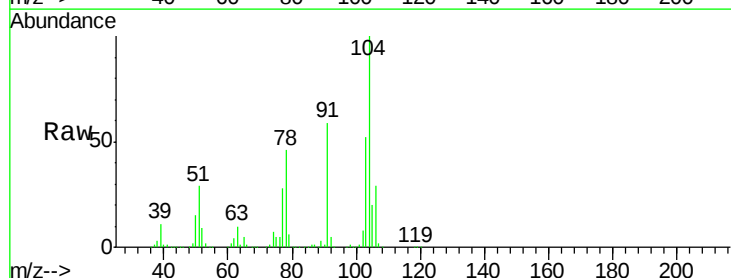
Manual Integrations
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#70
Styrene
Concen: 19.99 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion:104 Resp: 190013
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.6
103 55.7 44.2 66.4





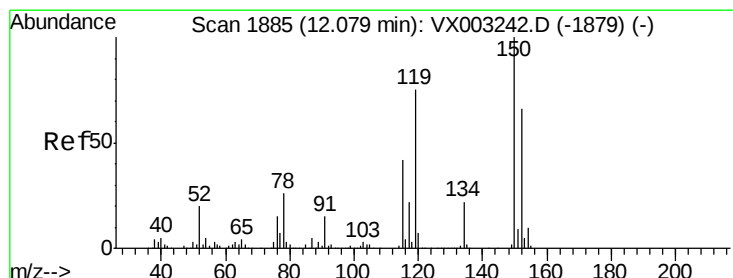
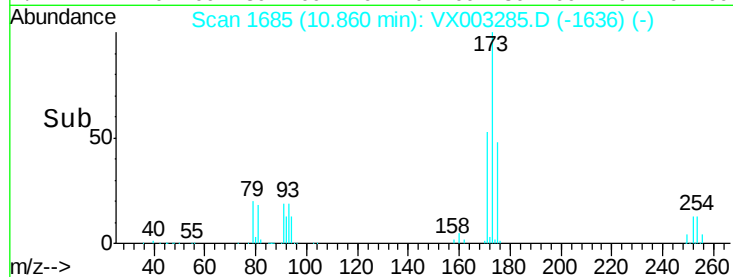
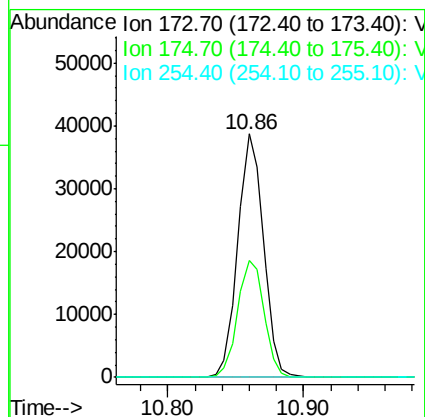
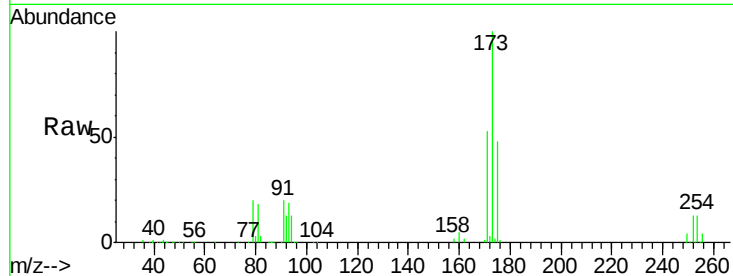
#71
Bromoform
Concen: 17.86 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.7	74.1
254	0.2	0.2	0.2

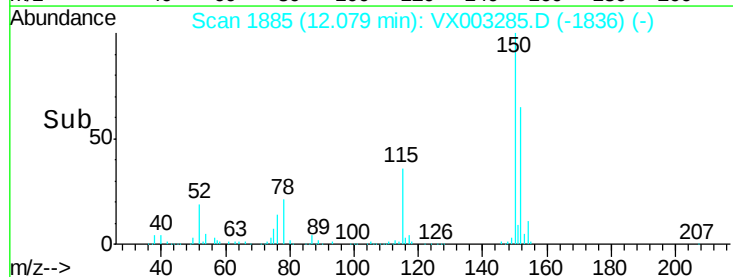
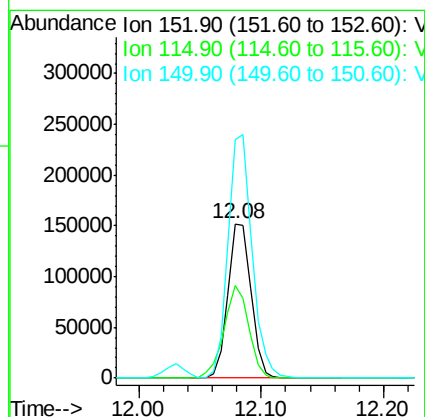
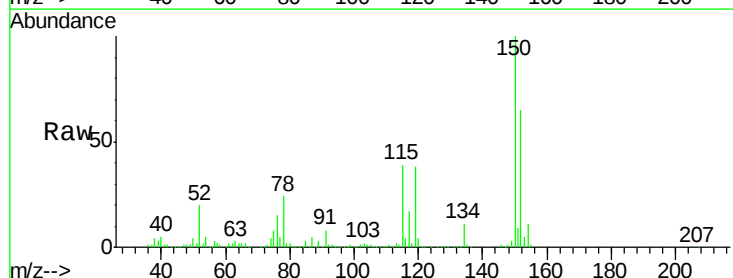
Manual Integrations
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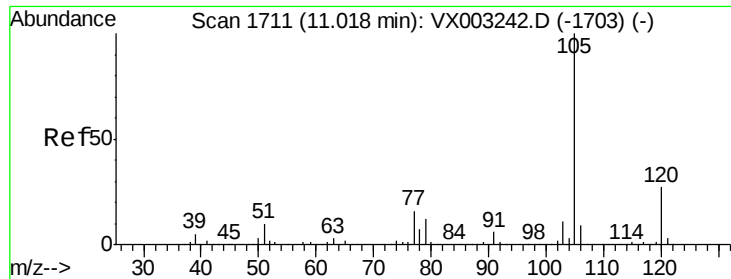
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	40.1	120.2
150	163.7	0.0	347.2





#73

Isopropylbenzene

Concen: 20.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 105 Resp: 318824

Ion Ratio Lower Upper

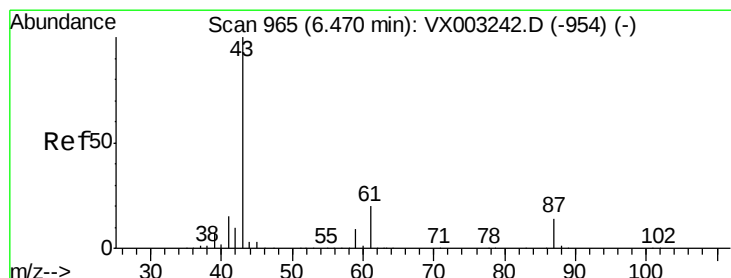
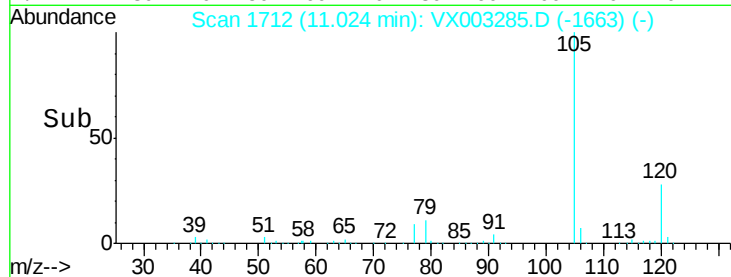
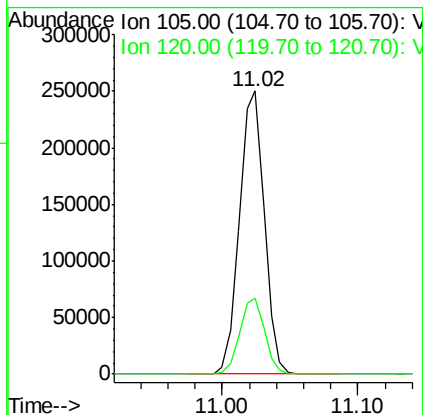
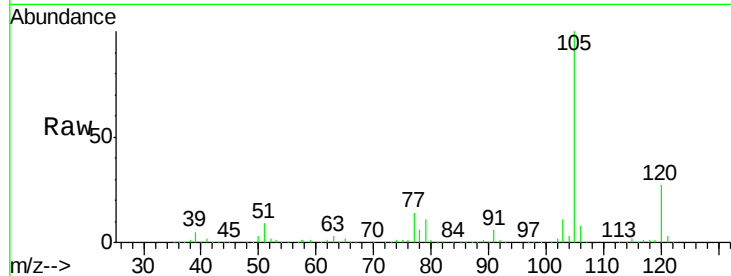
105 100

120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Tgt Ion: 43 Resp: 147147

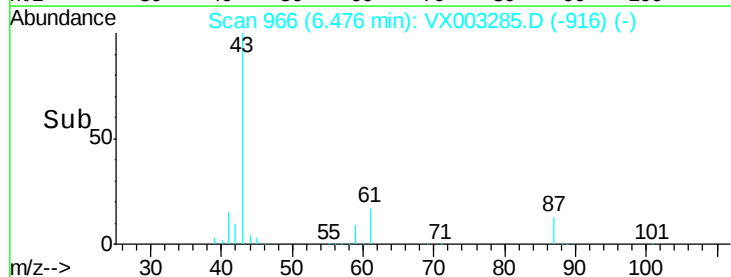
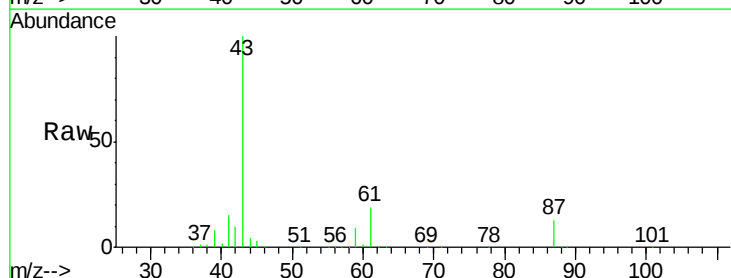
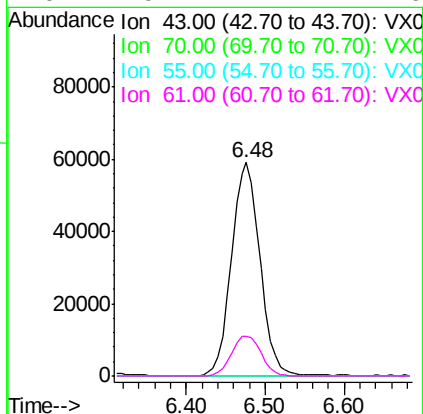
Ion Ratio Lower Upper

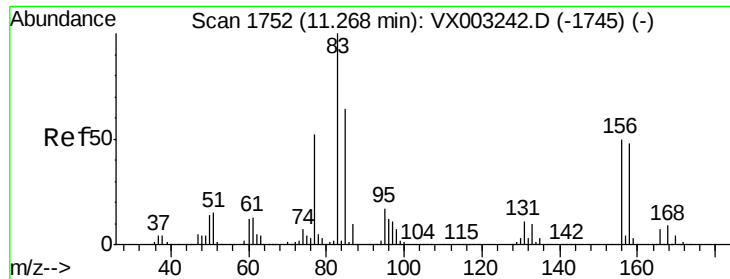
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

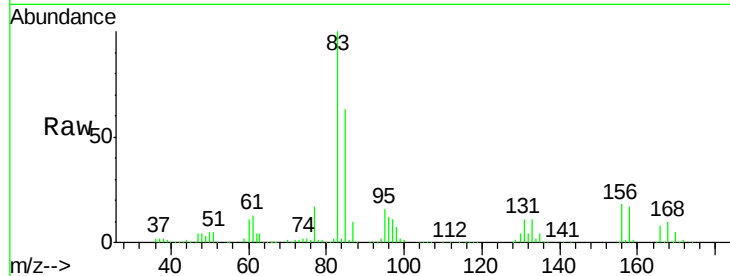
ClientSampleId :

VX0710WBS01

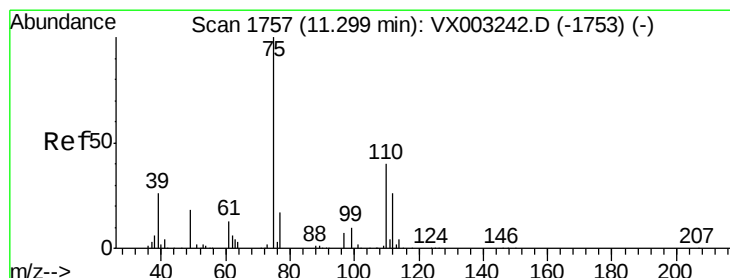
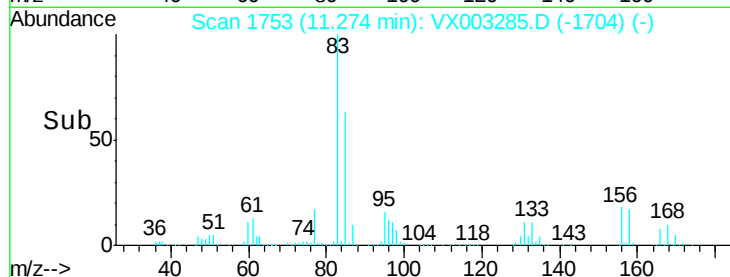
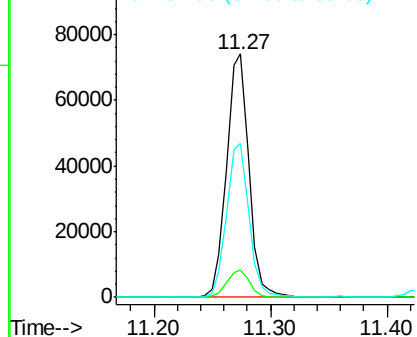
Tot Ion:	83	Resp:	98311
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	63.7	32.4	97.2

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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: 19.77 ug/l m

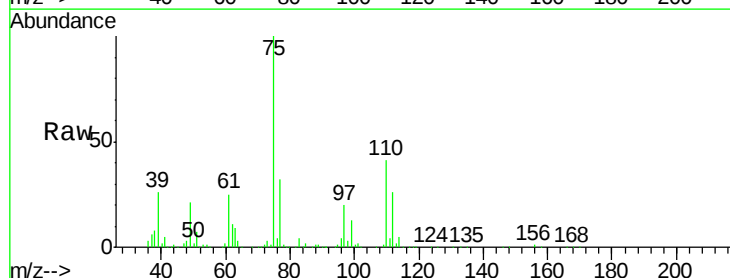
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

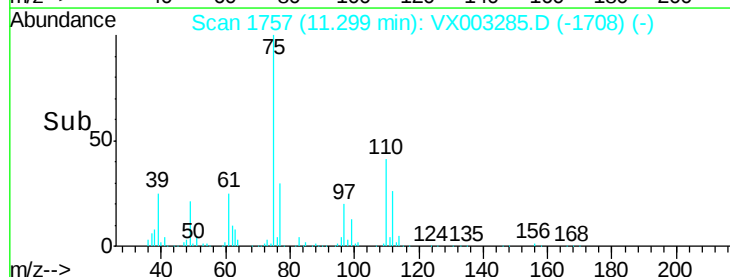
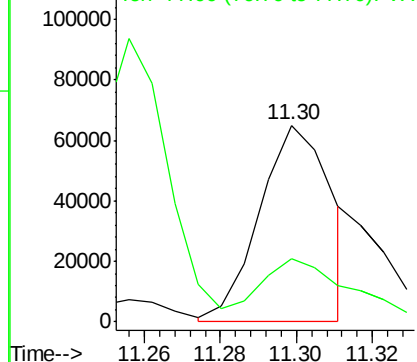
Lab File: VX003285.D

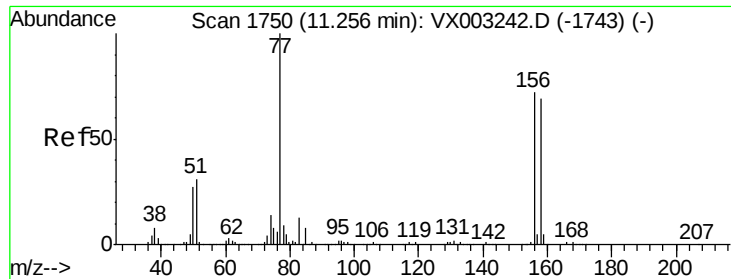
Acq: 10 Jul 2018 15:41

Tgt Ion:	75	Resp:	84725
Ion Ratio	Lower	Upper	
75	100		
77	41.2	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: 19.92 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion:156 Resp: 90069

Ion Ratio Lower Upper

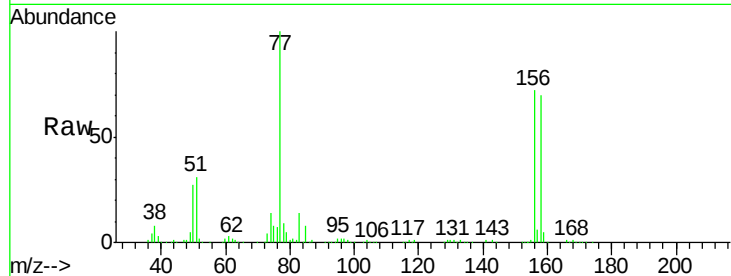
156 100

77 133.5 71.4 214.2

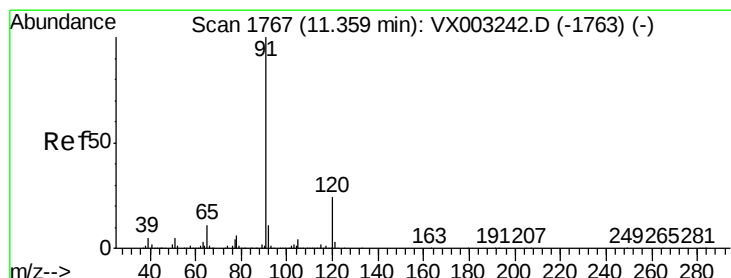
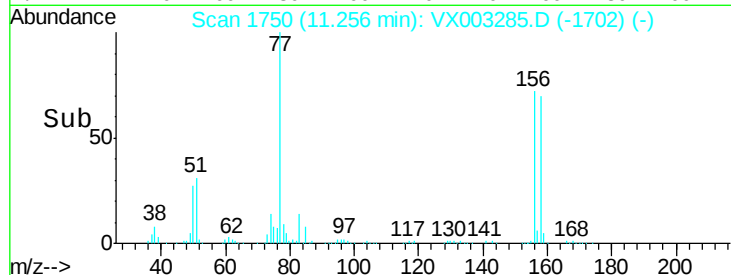
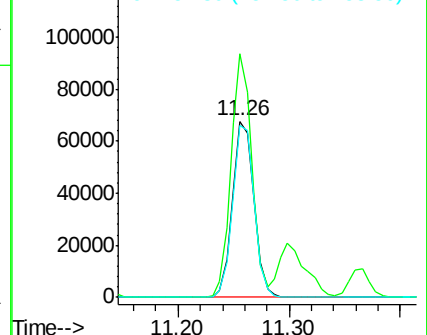
158 98.1 48.9 146.6

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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: 20.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003285.D

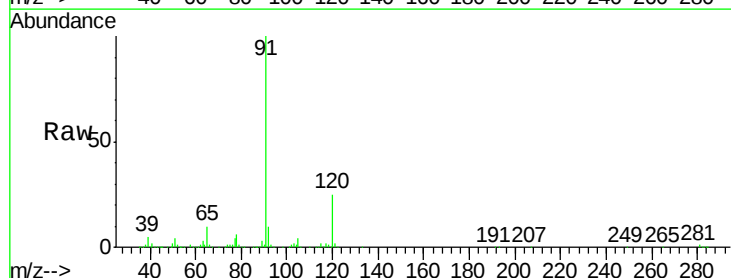
Acq: 10 Jul 2018 15:41

Tgt Ion: 91 Resp: 354560

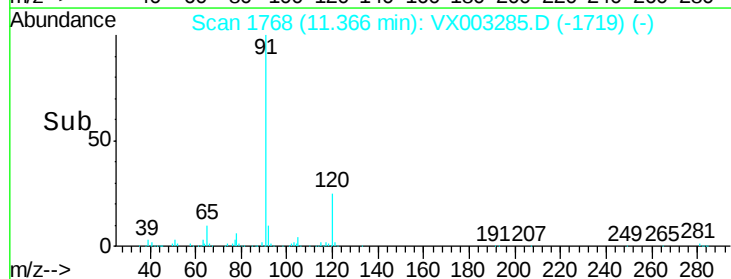
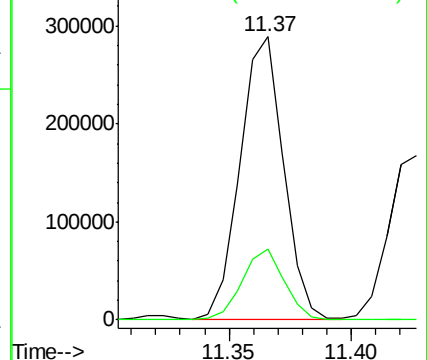
Ion Ratio Lower Upper

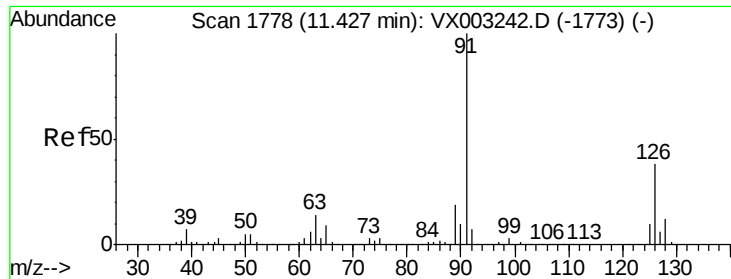
91 100

120 24.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





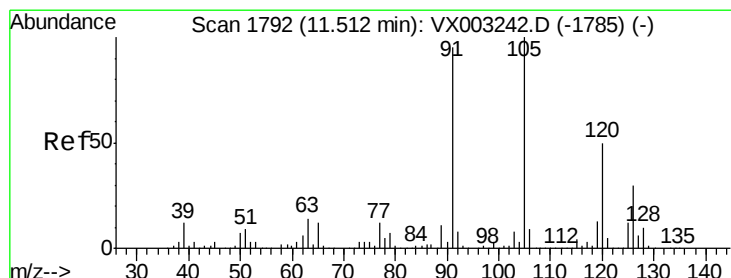
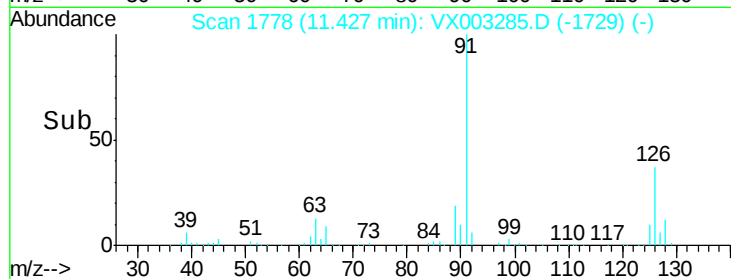
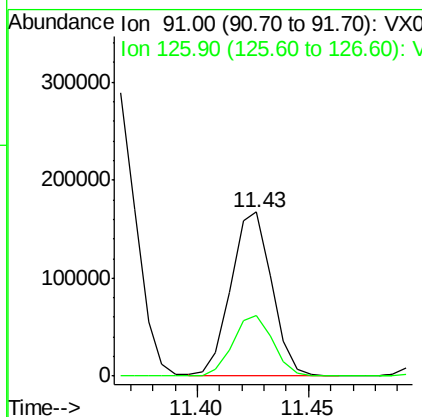
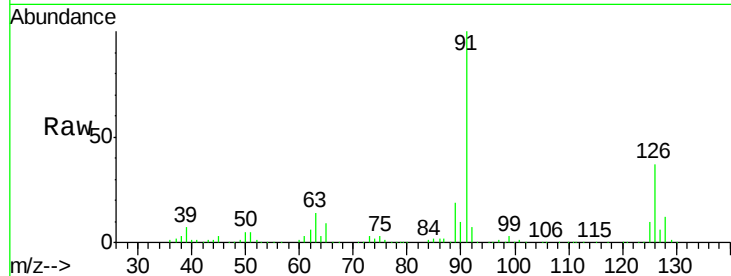
#79
 2-Chlorotoluene
 Concen: 20.06 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion: 91 Resp: 212742
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.7 53.1

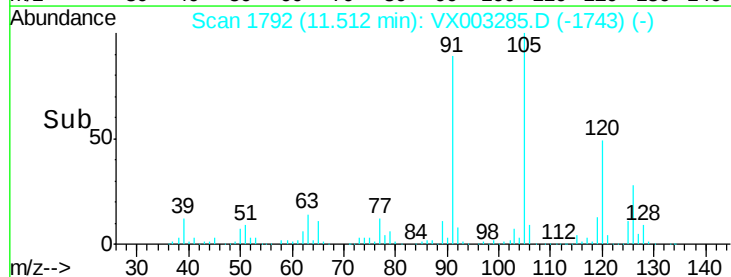
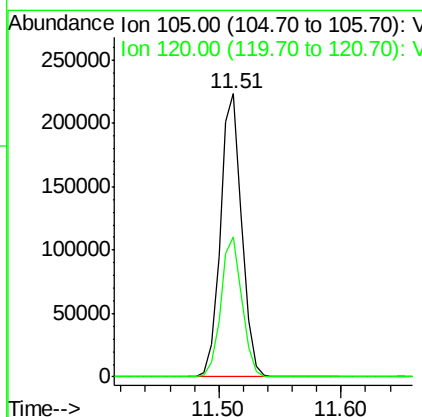
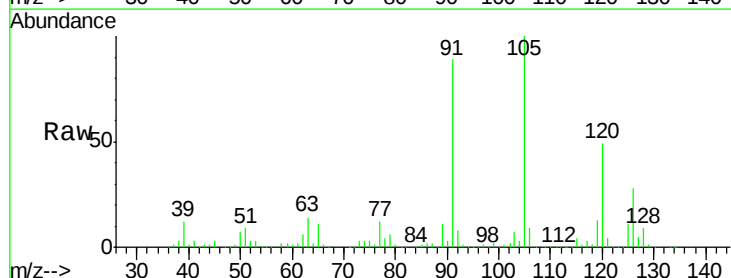
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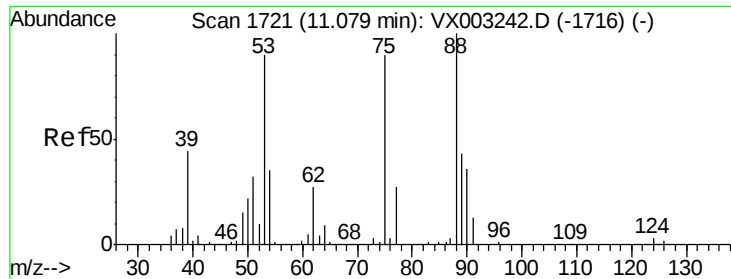
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.58 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion: 105 Resp: 268263
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.10 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS01

Tot Ion: 75 Resp: 23728

Ion Ratio Lower Upper

75 100

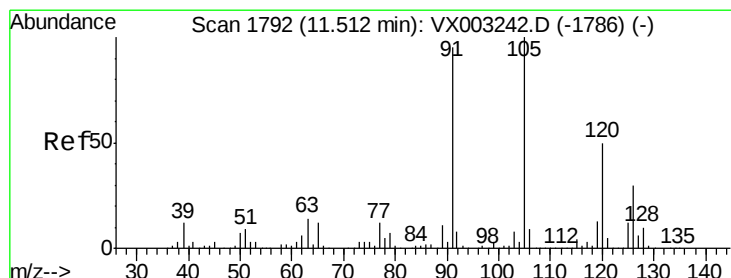
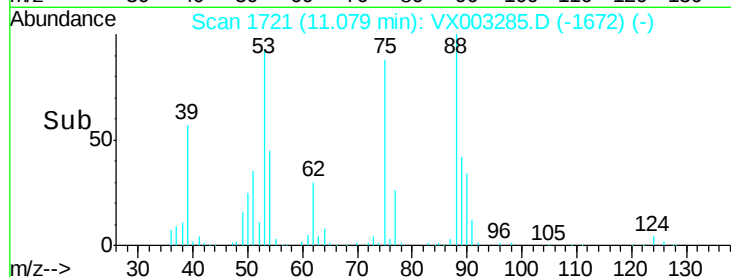
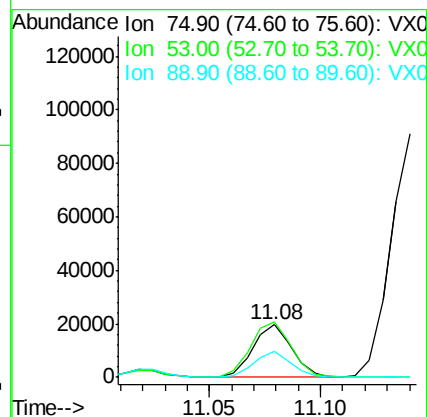
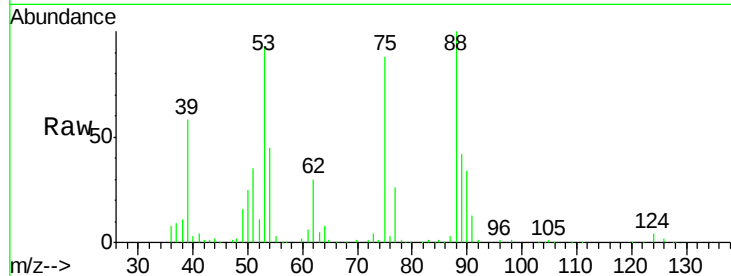
53 110.1 86.8 130.2

89 48.8 38.2 57.2

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#82

4-Chlorotoluene

Concen: 20.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003285.D

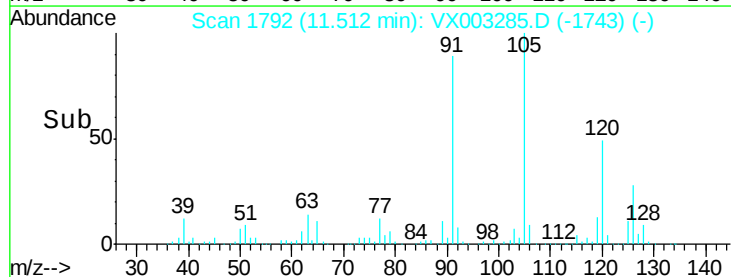
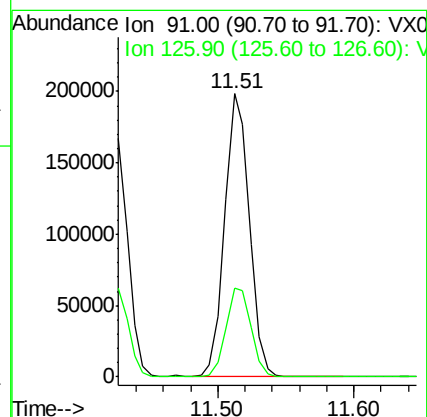
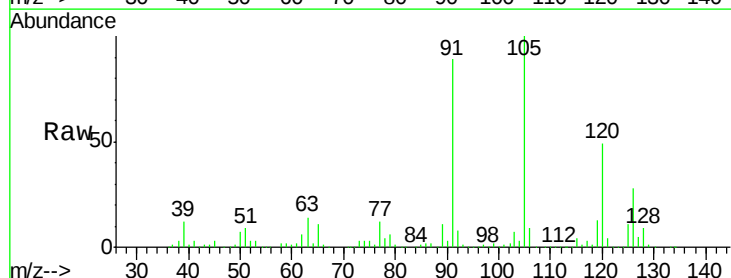
Acq: 10 Jul 2018 15:41

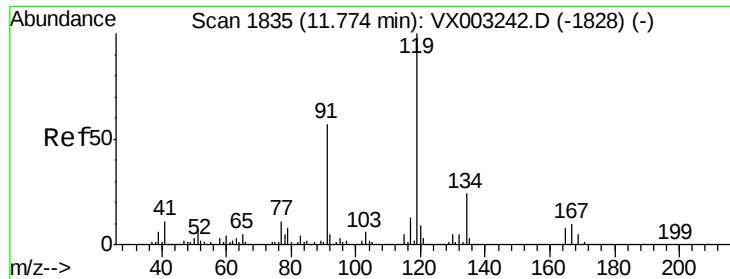
Tgt Ion: 91 Resp: 248863

Ion Ratio Lower Upper

91 100

126 32.0 15.4 46.4





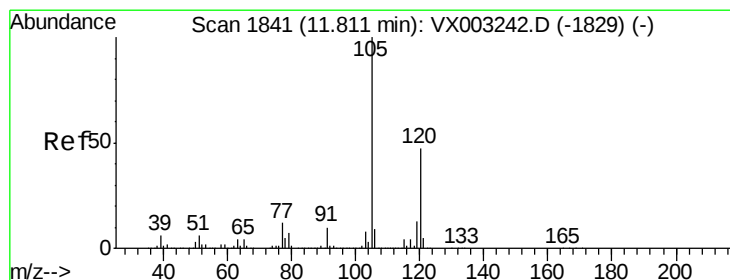
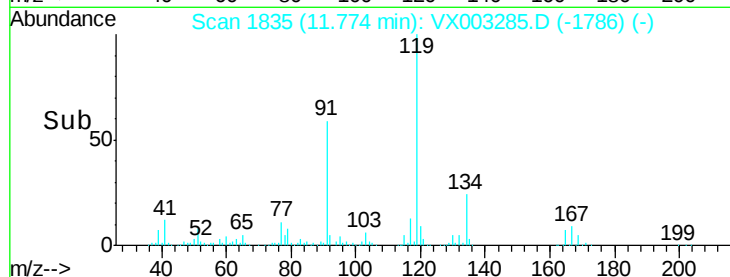
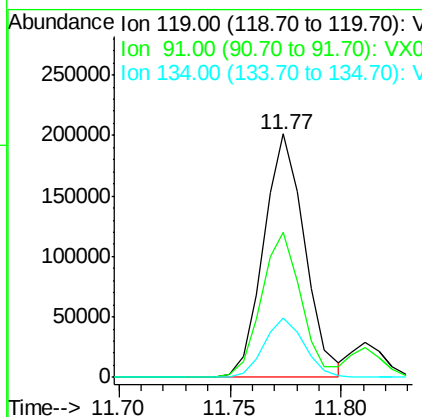
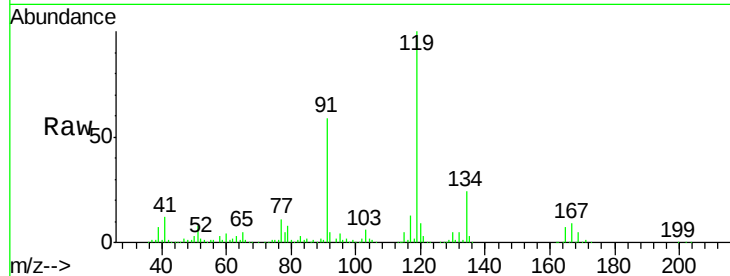
#83
 tert-Butylbenzene
 Concen: 19.77 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	30.3	90.9
134	24.0	11.7	35.1

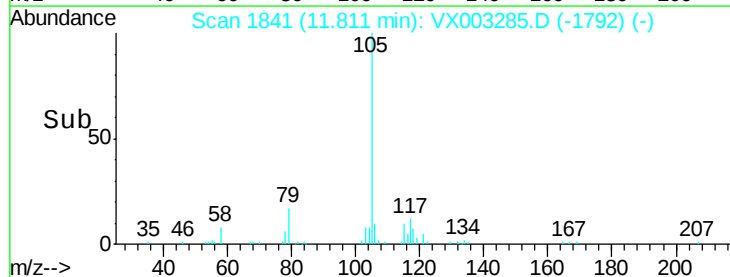
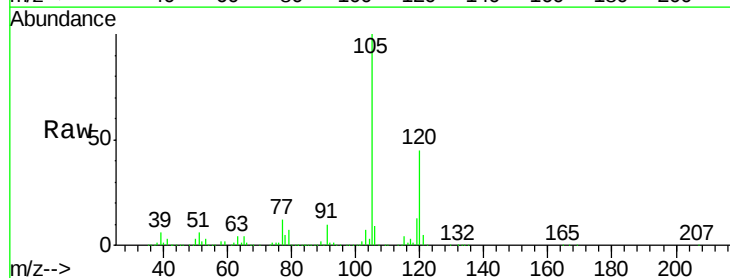
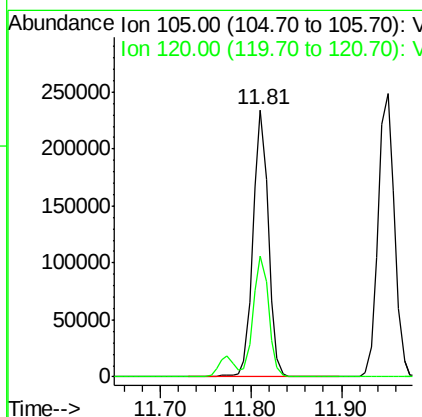
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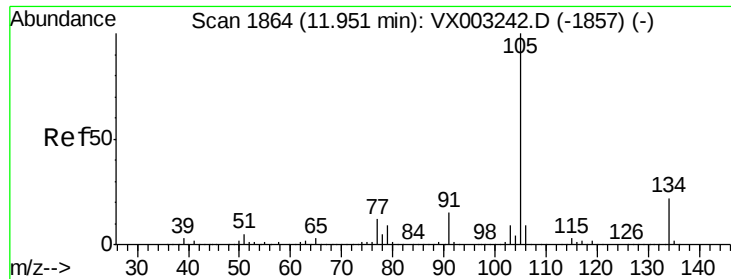
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.11 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS01

Tot Ion:105 Resp: 309604

Ion Ratio Lower Upper

105 100

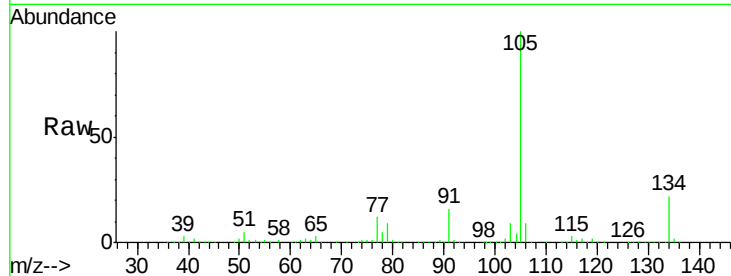
134 21.3 10.4 31.1

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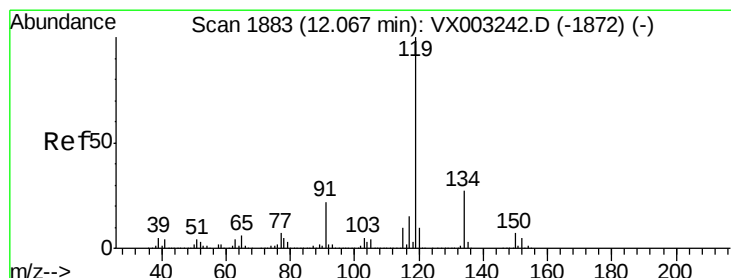
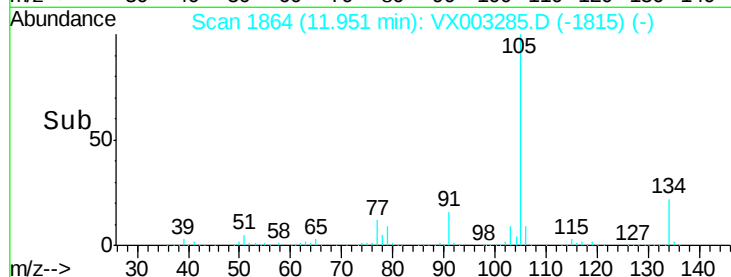
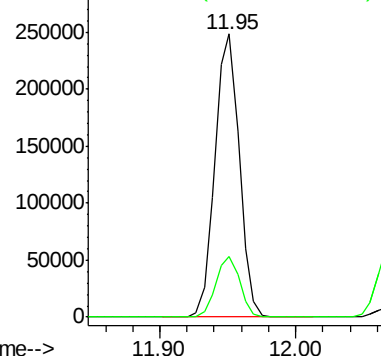
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.19 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

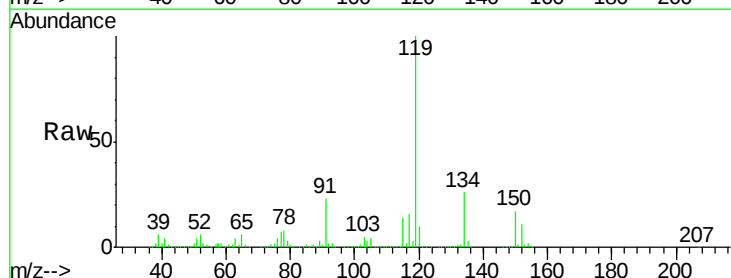
Tgt Ion:119 Resp: 283148

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

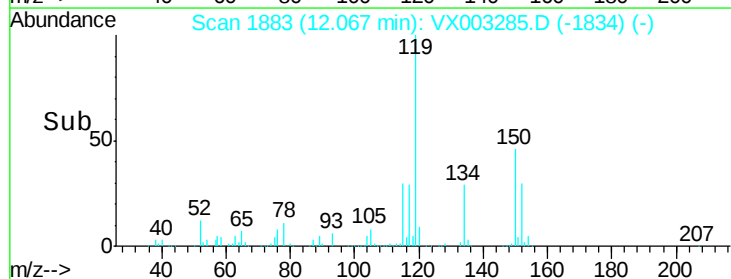
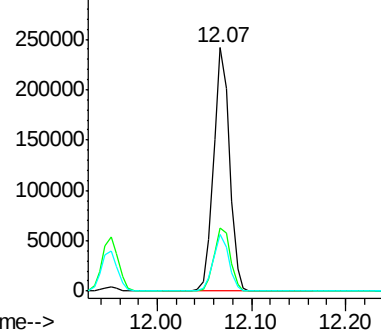
91 22.9 11.9 35.7

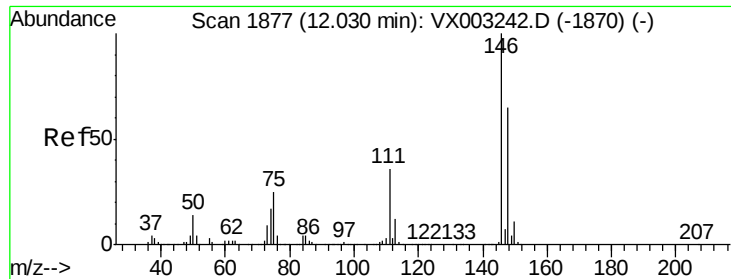


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





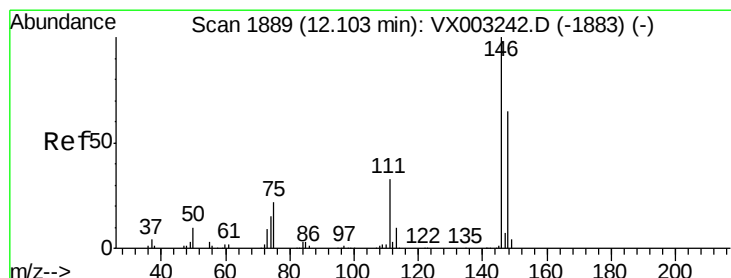
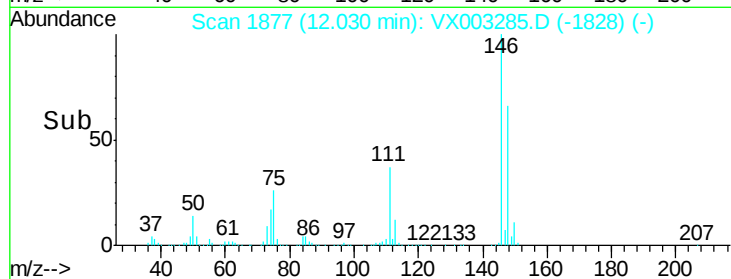
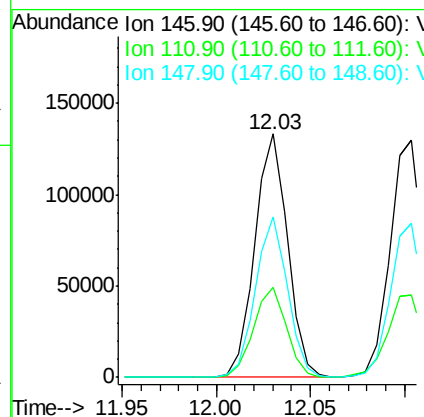
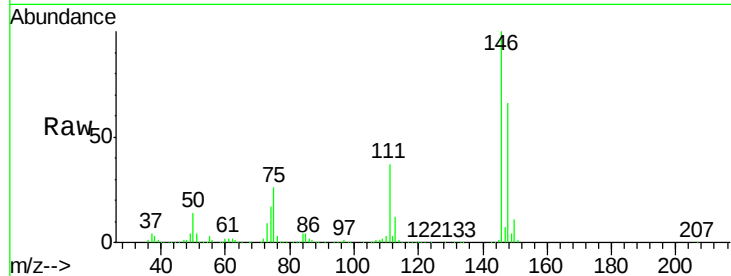
#87
 1,3-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.7	32.1	96.3

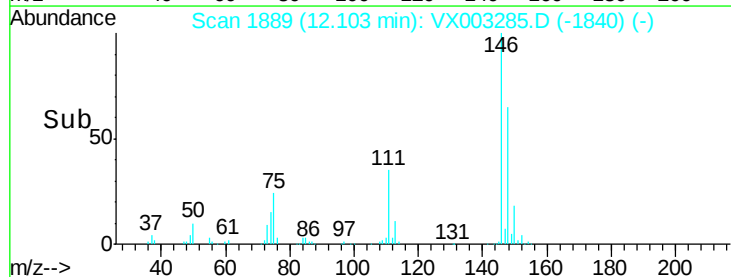
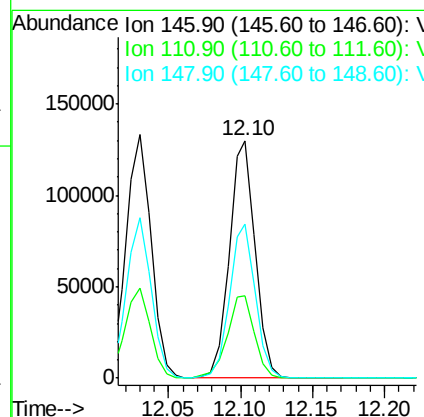
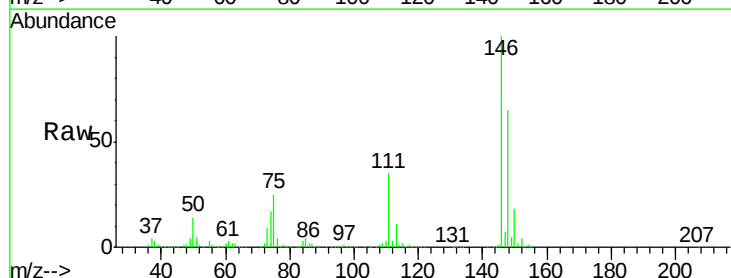
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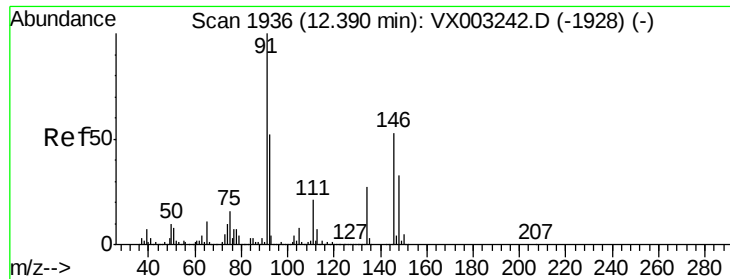
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#88
 1,4-Dichlorobenzene
 Concen: 19.50 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	64.9	32.4	97.0





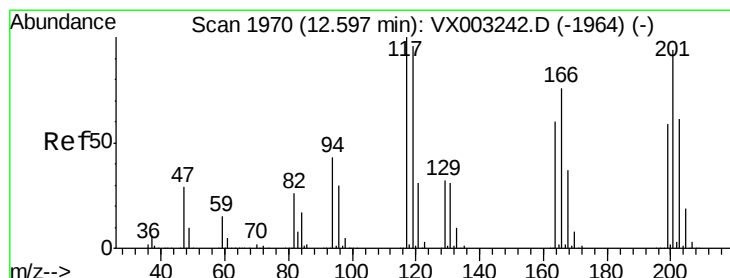
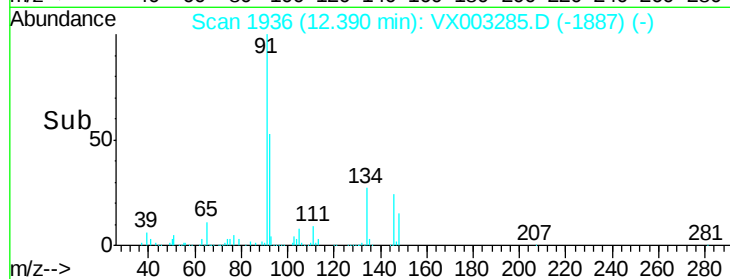
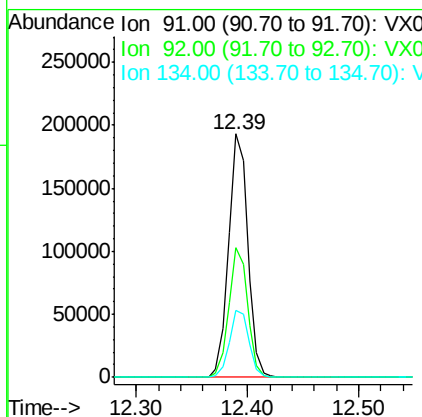
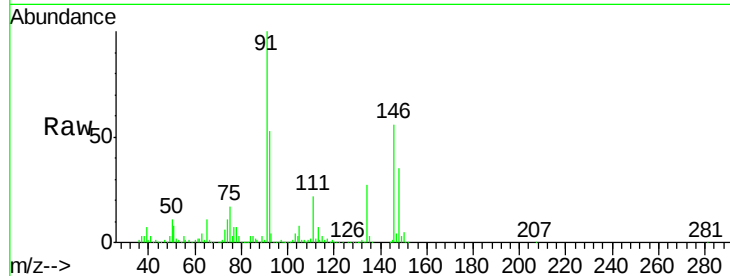
#89
n-Butylbenzene
Concen: 19.64 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.9	13.5	40.5

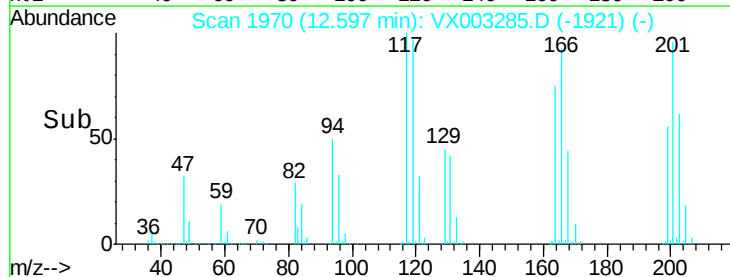
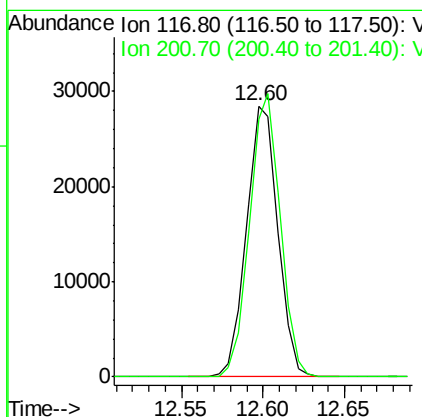
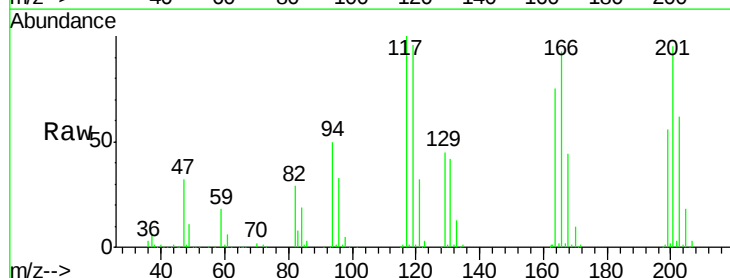
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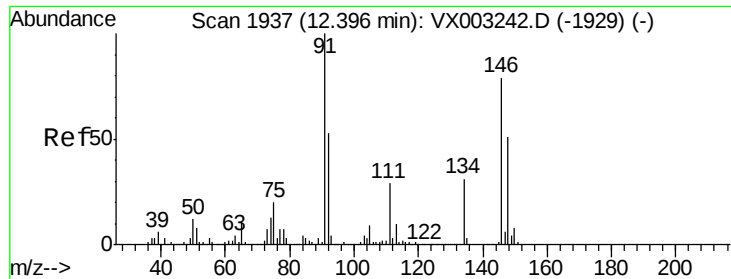
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#90
Hexachloroethane
Concen: 17.86 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003285.D
Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.1	49.0	147.0





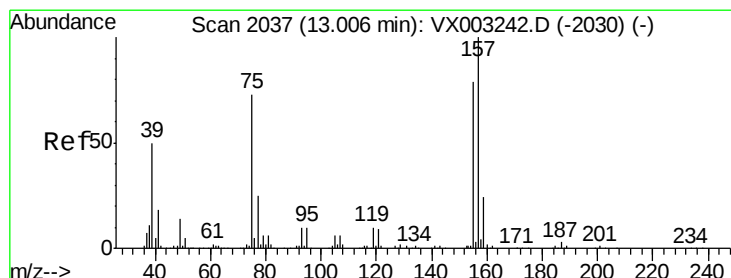
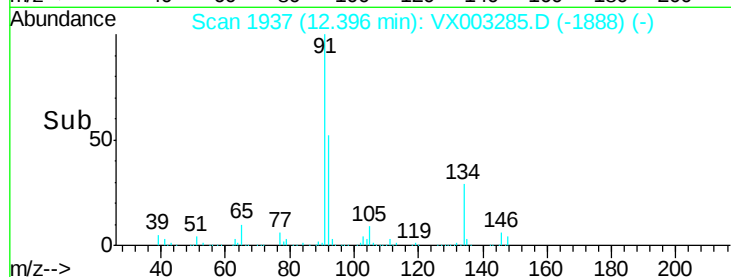
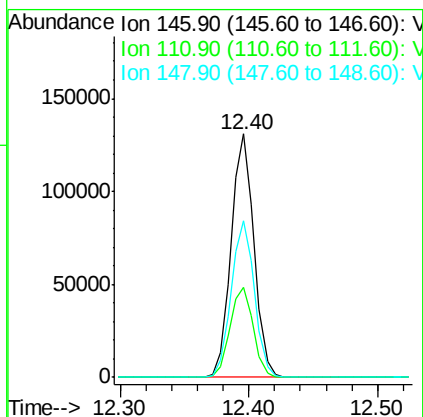
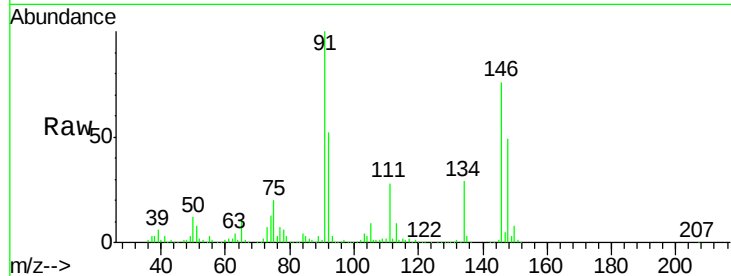
#91
 1,2-Dichlorobenzene
 Concen: 19.62 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.4	58.1
148	64.9	31.7	95.1

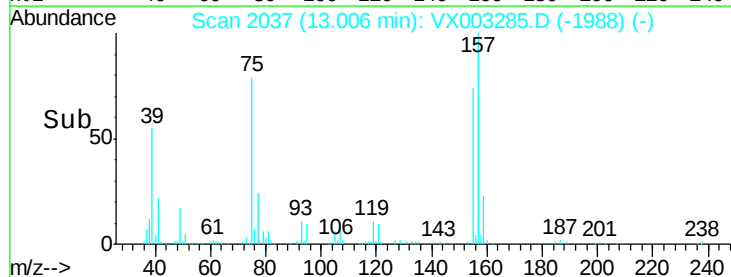
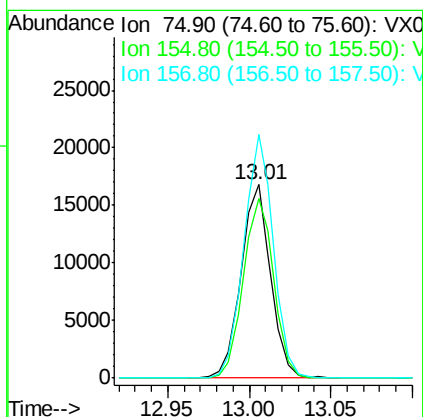
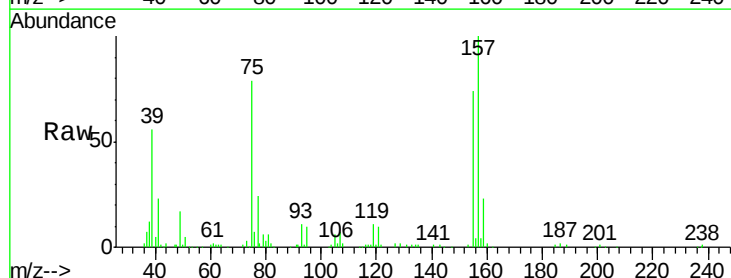
Manual Integrations
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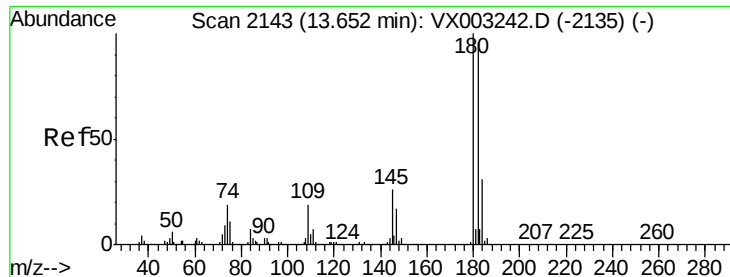
MMDadoda
 7/11/2018 3:09:26 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.35 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	45.8	137.4
157	125.3	60.1	180.3





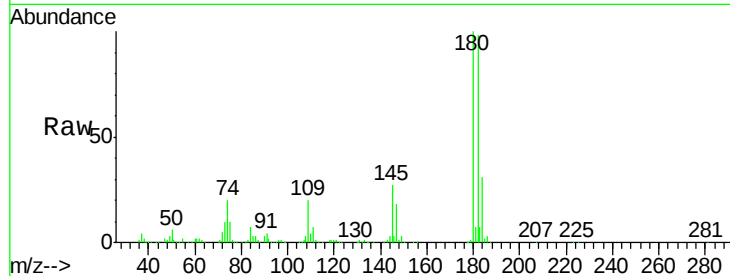
#93
 1,2,4-Trichlorobenzene
 Concen: 20.06 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0710WBS01

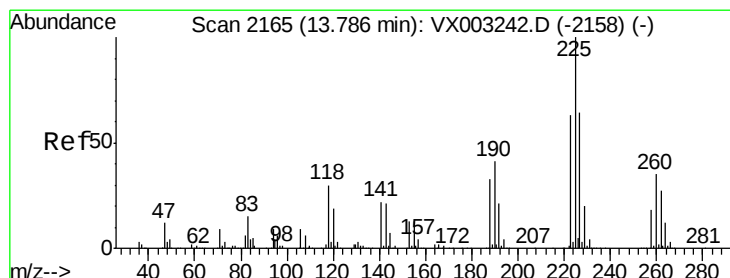
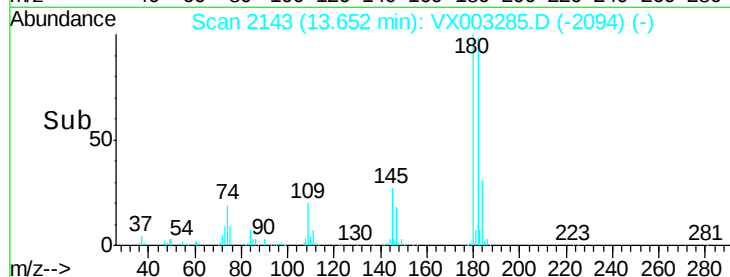
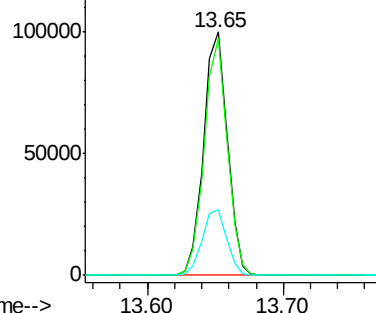
Tot Ion	Ratio	Resp	Lower	Upper
180	100	121571		
182	94.8	47.7	143.1	
145	27.8	14.1	42.4	

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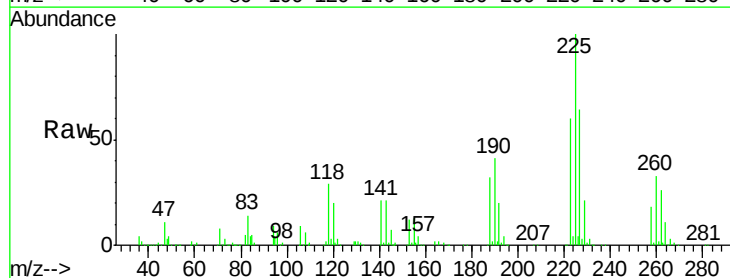


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

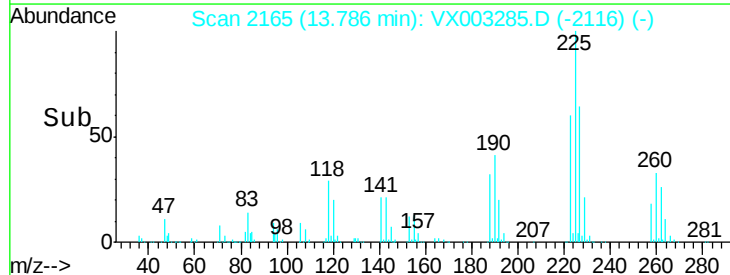
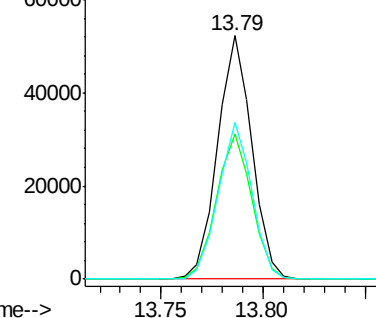


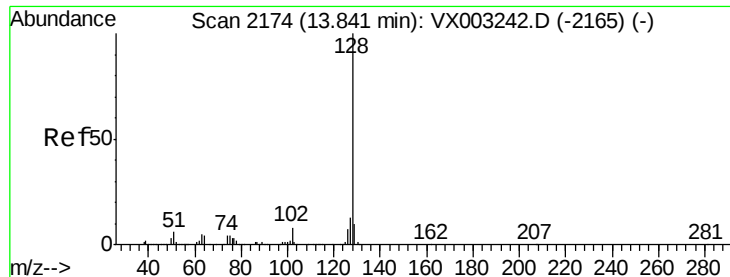
#94
 Hexachlorobutadiene
 Concen: 20.20 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003285.D
 Acq: 10 Jul 2018 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60928		
223	61.2	31.6	95.0	
227	63.6	32.4	97.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Instrument :

MSVOA_X

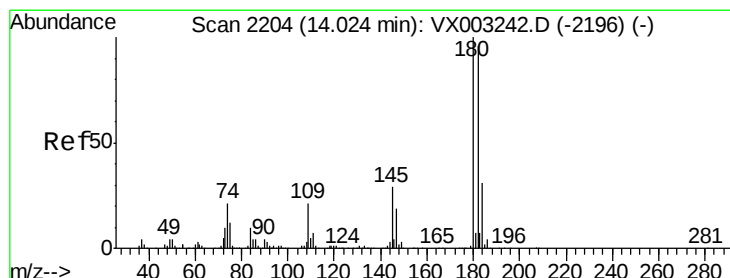
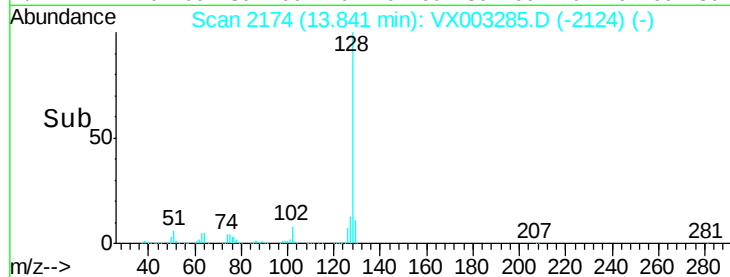
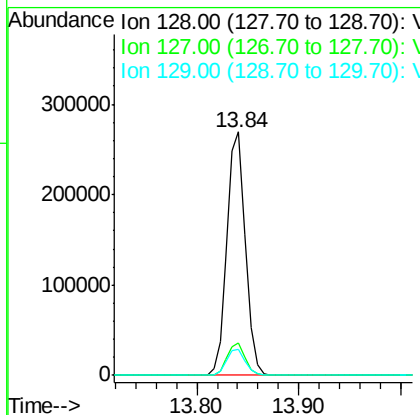
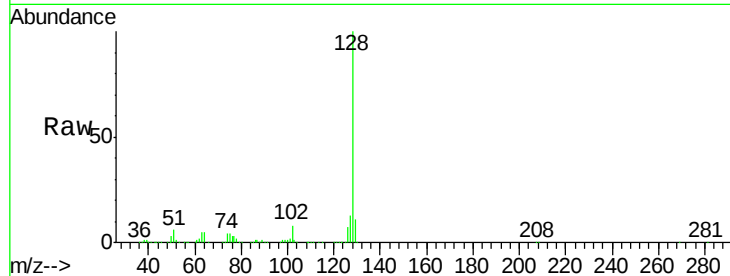
ClientSampleId :

VX0710WBS01

Tot Ion:	128	Resp:	335512
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 20.75 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003285.D

Acq: 10 Jul 2018 15:41

Tgt Ion:	180	Resp:	125431
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.0	144.0
145	29.3	14.8	44.3

