

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071018\
 Data File : VX003305.D
 Acq On : 11 Jul 2018 01:30
 Operator : JC/MD
 Sample : VX0710WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:31 PM

Quant Time: Jul 11 05:11:39 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	234106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177730	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	152771	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.72	98	562756	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.14	95	204292	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74363	20.89	ug/l	100
3) Chloromethane	1.32	50	63122	19.51	ug/l	99
4) Vinyl Chloride	1.41	62	62931	18.95	ug/l	99
5) Bromomethane	1.64	94	23367	23.85	ug/l	98
6) Chloroethane	1.72	64	35299	19.18	ug/l	99
7) Trichlorofluoromethane	1.93	101	99389	20.13	ug/l	98
8) Diethyl Ether	2.19	74	32713	18.33	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54636	18.90	ug/l	95
10) Methyl Iodide	2.51	142	58568	21.93	ug/l	97
11) Tert butyl alcohol	3.08	59	72478	108.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49686	18.89	ug/l	92
13) Acrolein	2.30	56	38342	71.23	ug/l	99
14) Allyl chloride	2.73	41	87980	18.06	ug/l	95
15) Acrylonitrile	3.15	53	146329	98.11	ug/l	99
16) Acetone	2.45	43	136223	104.14	ug/l	97
17) Carbon Disulfide	2.57	76	129928	17.77	ug/l	99
18) Methyl Acetate	2.78	43	79978	21.67	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	168113	19.13	ug/l	99
20) Methylene Chloride	2.86	84	55155	20.16	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	53015	18.90	ug/l	93
22) Diisopropyl ether	3.88	45	172755	17.43	ug/l	97
23) Vinyl Acetate	3.83	43	730580	86.80	ug/l	97
24) 1,1-Dichloroethane	3.70	63	100014	19.38	ug/l	99
25) 2-Butanone	4.71	43	239106	103.31	ug/l	95
26) 2,2-Dichloropropane	4.59	77	51602	11.43	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	67749	19.66	ug/l	92
28) Bromochloromethane	5.03	49	52820	20.32	ug/l	86
29) Tetrahydrofuran	5.17	42	151586	100.91	ug/l	95
30) Chloroform	5.22	83	112352	19.79	ug/l	98
31) Cyclohexane	5.57	56	93774	19.41	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	99463	19.86	ug/l	98
36) 1,1-Dichloropropene	5.80	75	81881	19.54	ug/l	98
37) Ethyl Acetate	4.87	43	88540	19.28	ug/l	97
38) Carbon Tetrachloride	5.78	117	89635	19.56	ug/l	98

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Manual Integrations
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MMDadoda
 7/11/2018 3:09:31 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91535	18.54	ug/l	97
40) Benzene	6.15	78	251466	20.25	ug/l	99
41) Methacrylonitrile	5.07	41	49928	19.85	ug/l	95
42) 1,2-Dichloroethane	6.21	62	89644	19.32	ug/l	97
43) Isopropyl Acetate	6.48	43	139886	19.39	ug/l	95
44) Trichloroethene	7.22	130	76010	20.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62610	19.40	ug/l	100
46) Dibromomethane	7.66	93	44390	20.17	ug/l	93
47) Bromodichloromethane	7.90	83	80506	19.83	ug/l	96
48) Methyl methacrylate	7.79	41	74901	20.25	ug/l	92
49) 1,4-Dioxane	7.76	88	32913	425.52	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	483752	107.73	ug/l	98
52) Toluene	8.79	92	160980	20.51	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87344	18.28	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	78404	18.03	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66024	20.28	ug/l	97
56) Ethyl methacrylate	9.18	69	89362	20.04	ug/l	91
57) 1,3-Dichloropropane	9.38	76	106617	20.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	226805	105.42	ug/l	97
59) 2-Hexanone	9.50	43	370097	108.51	ug/l	96
60) Dibromochloromethane	9.59	129	65336	19.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68764	20.15	ug/l	100
64) Tetrachloroethene	9.34	164	90062	22.18	ug/l	99
65) Chlorobenzene	10.14	112	184841	20.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68352	20.76	ug/l	98
67) Ethyl Benzene	10.26	91	298481	20.22	ug/l	99
68) m/p-Xylenes	10.36	106	234629	40.86	ug/l	98
69) o-Xylene	10.70	106	114114	20.51	ug/l	97
70) Styrene	10.71	104	185795	20.60	ug/l	98
71) Bromoform	10.86	173	51309	18.94	ug/l #	100
73) Isopropylbenzene	11.02	105	311618	20.83	ug/l	99
74) N-amyl acetate	6.48	43	139886	19.60	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	93927	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91059m	22.23	ug/l	
77) Bromobenzene	11.26	156	87315	20.21	ug/l	96
78) n-propylbenzene	11.37	91	342973	20.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	208125	20.53	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	257598	20.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19728	15.74	ug/l	96
82) 4-Chlorotoluene	11.51	91	241874	20.44	ug/l	97
83) tert-Butylbenzene	11.77	119	250533	20.13	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	267151	20.94	ug/l	97
85) sec-Butylbenzene	11.95	105	304680	20.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	274599	20.49	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	158350	19.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161780	20.16	ug/l	98
89) n-Butylbenzene	12.39	91	218251	19.49	ug/l	99
90) Hexachloroethane	12.60	117	36389	17.78	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	161053	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20041	20.13	ug/l	94

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MSVOA_X
ClientSampleId :
VX0710WBSD02

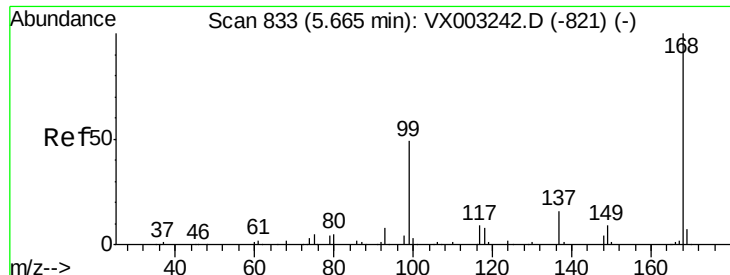
Manual Integrations
APPROVED

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7/11/2018 3:09:31 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110752	19.12	ug/l	99
94) Hexachlorobutadiene	13.79	225	53940	18.71	ug/l	99
95) Naphthalene	13.84	128	314728	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117492	20.34	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: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion:168 Resp: 234106

Ion Ratio Lower Upper

168 100

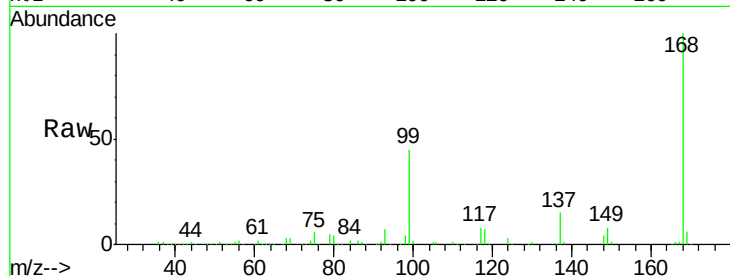
99 44.8 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

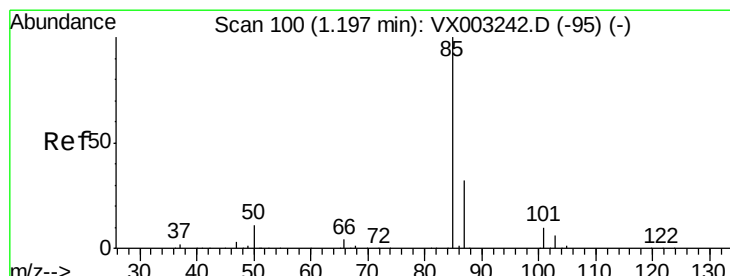
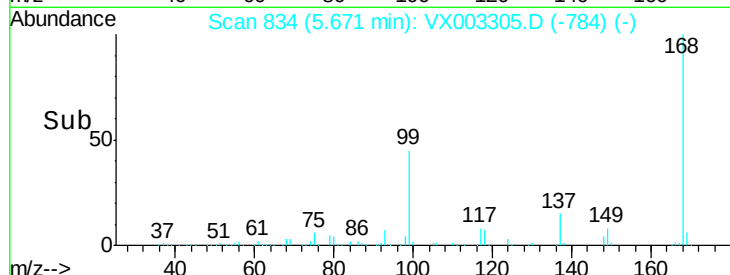
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003305.D

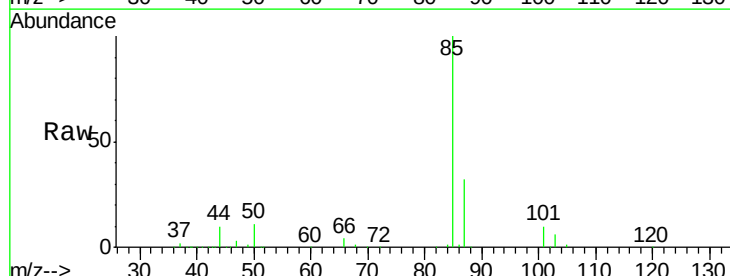
Acq: 11 Jul 2018 01:30

Tgt Ion: 85 Resp: 74363

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

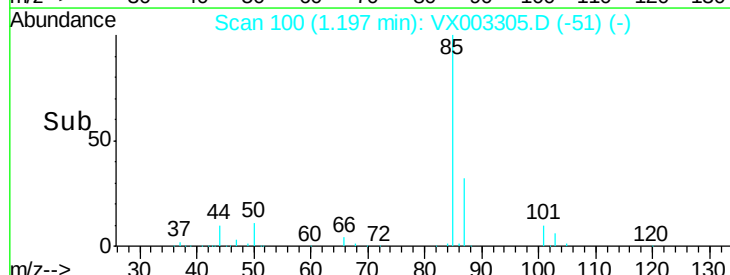
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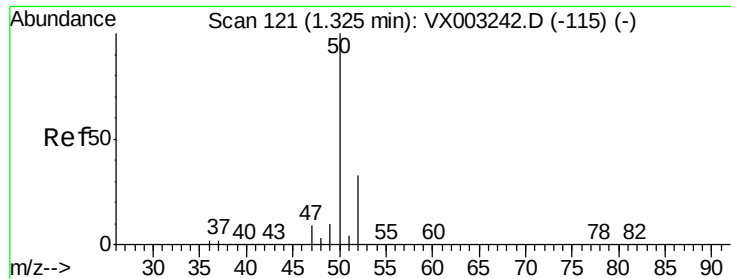
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 50 Resp: 63122

Ion Ratio Lower Upper

50 100

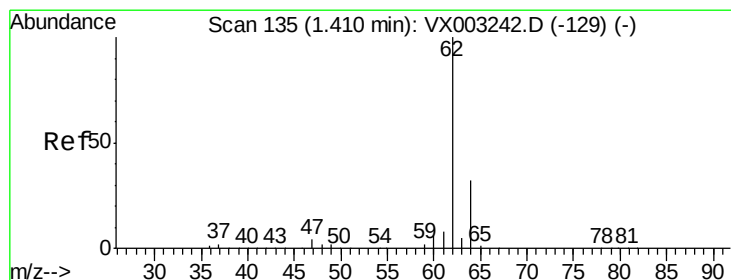
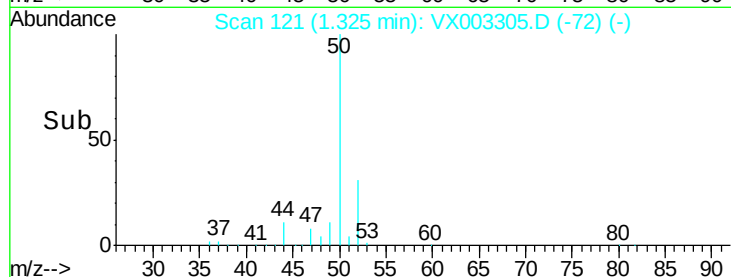
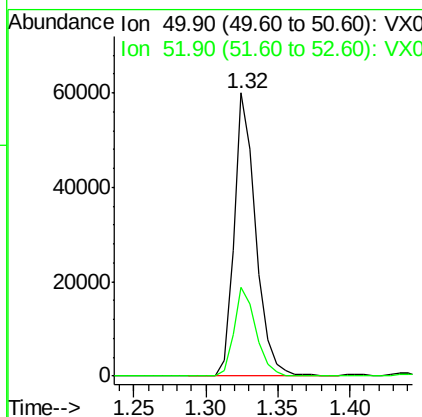
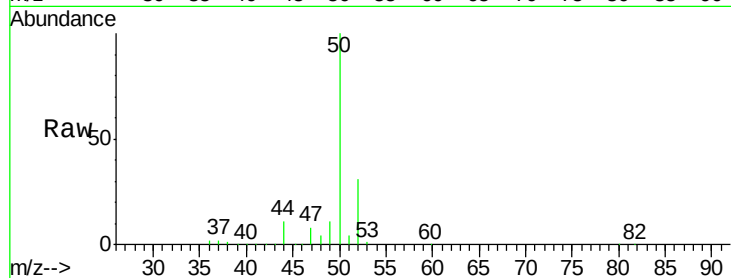
52 31.4 25.7 38.5

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 18.95 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003305.D

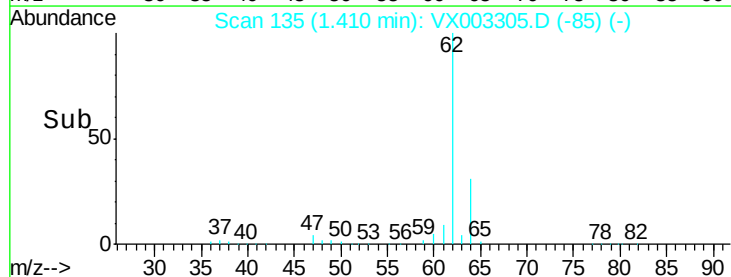
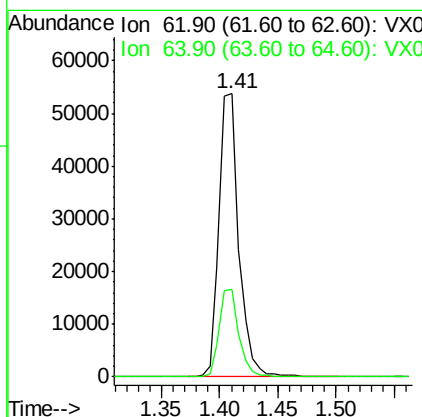
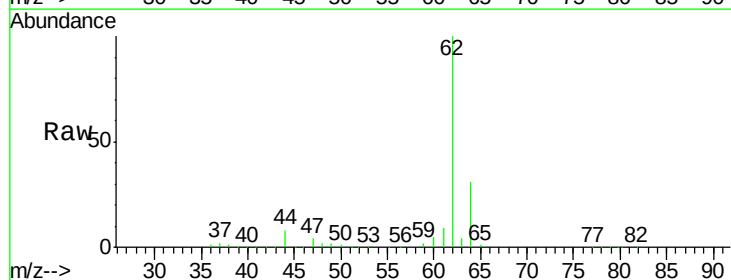
Acq: 11 Jul 2018 01:30

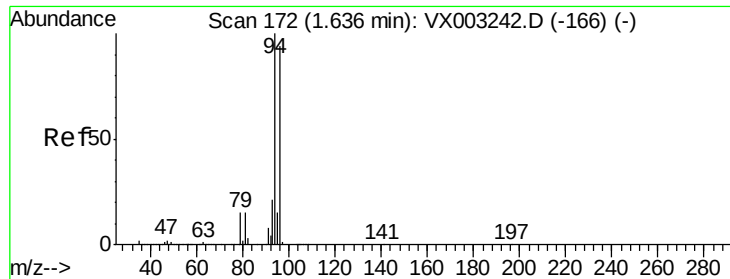
Tgt Ion: 62 Resp: 62931

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.2





#5

Bromomethane

Concen: 23.85 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 94 Resp: 23367

Ion Ratio Lower Upper

94 100

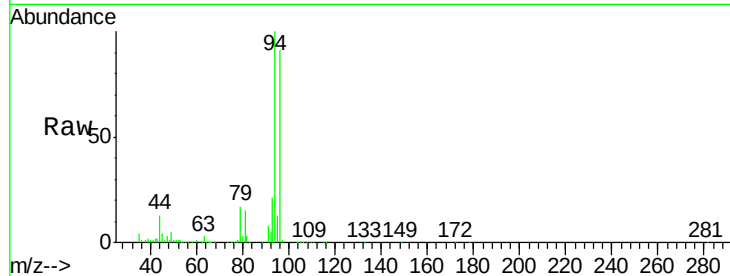
96 91.3 74.9 112.3

Manual Integrations

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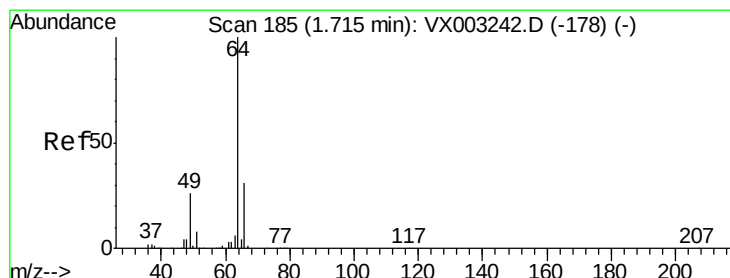
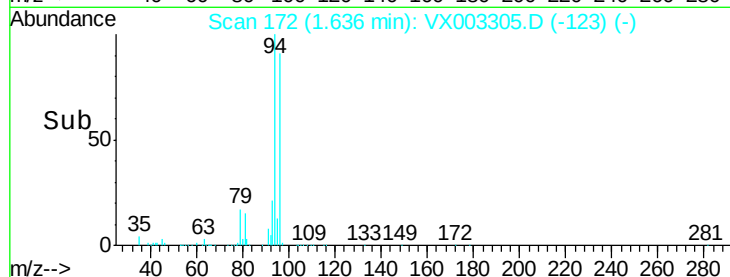
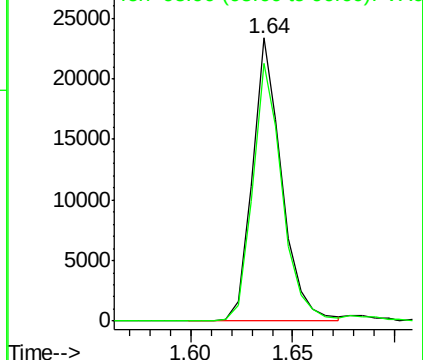
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.18 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003305.D

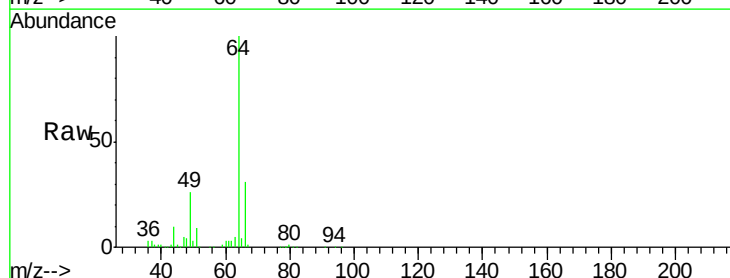
Acq: 11 Jul 2018 01:30

Tgt Ion: 64 Resp: 35299

Ion Ratio Lower Upper

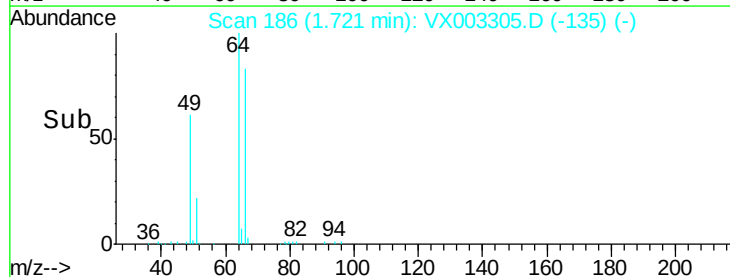
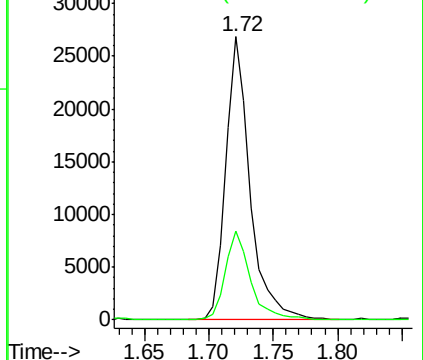
64 100

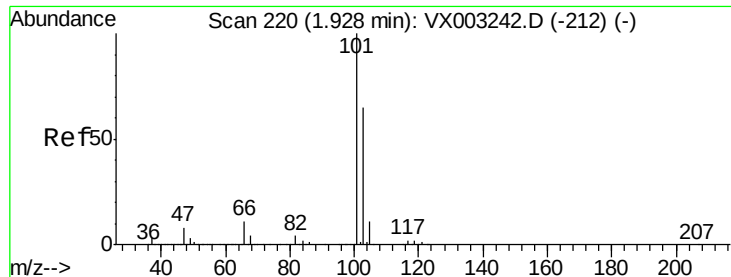
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

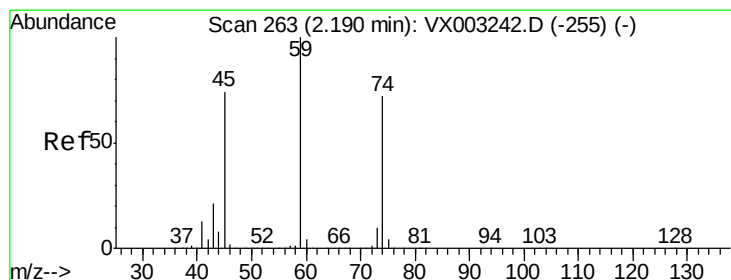
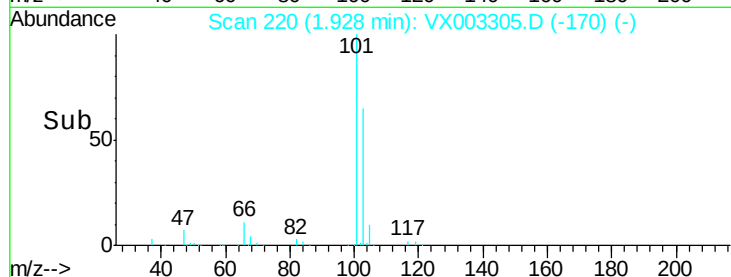
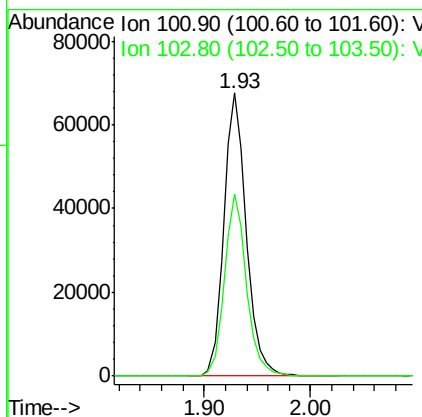
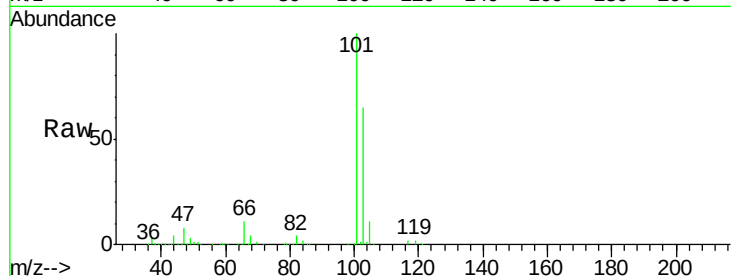
Trichlorofluoromethane
Concen: 20.13 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
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ClientSampleId :
VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.8	79.2

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APPROVED

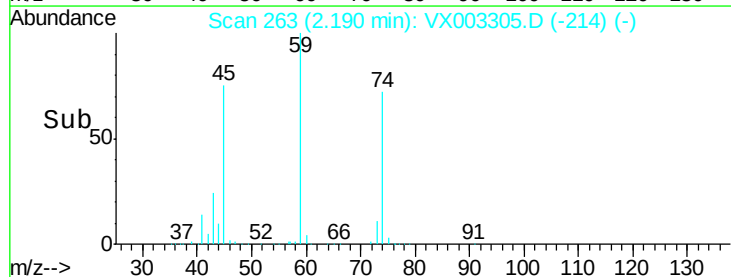
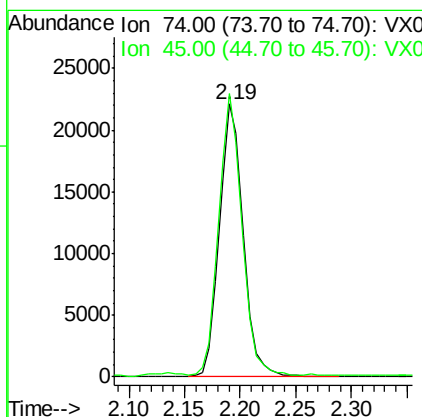
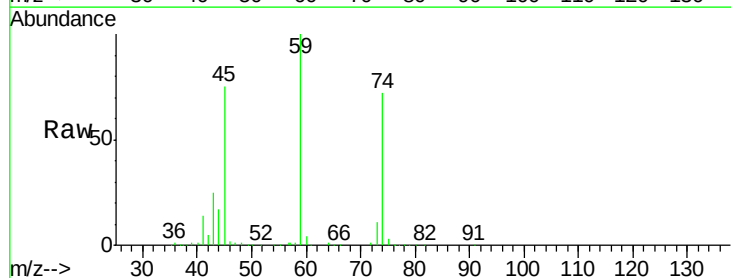
MMDadoda
7/11/2018 3:09:31 PM

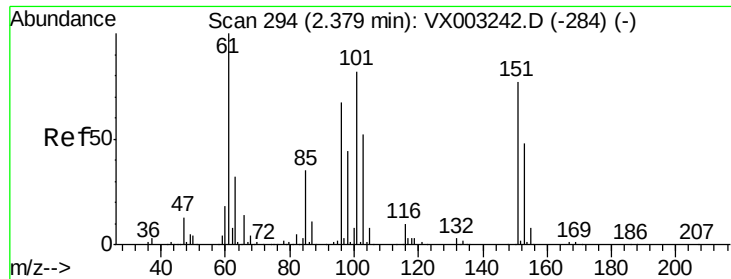


#8

Diethyl Ether
Concen: 18.33 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

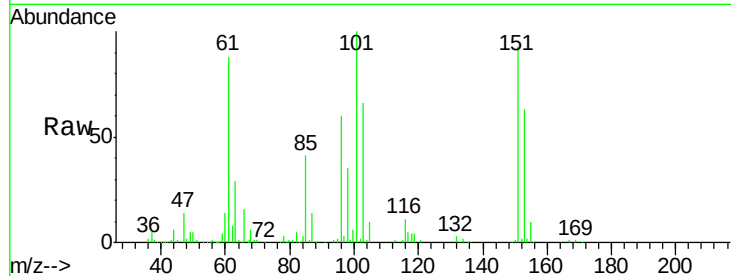
ClientSampleId :

VX0710WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	54636		
85	43.2	36.0	54.0	
151	94.2	70.9	106.3	

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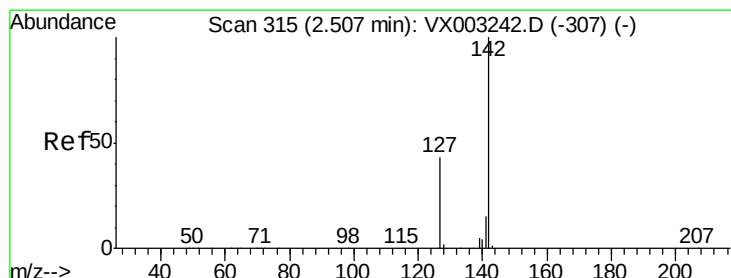
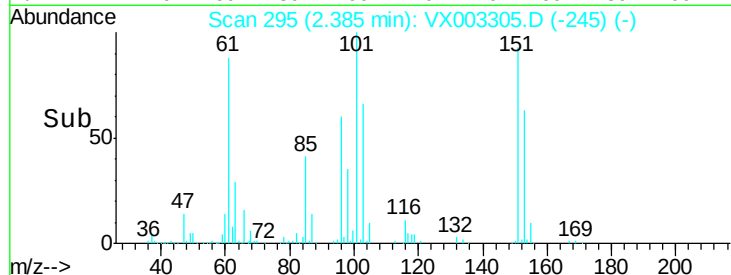
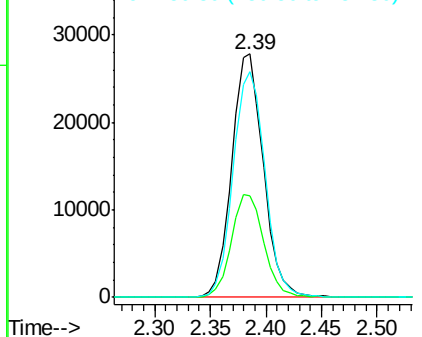
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.93 ug/l

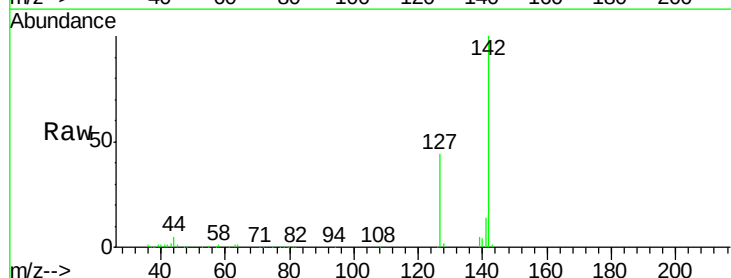
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

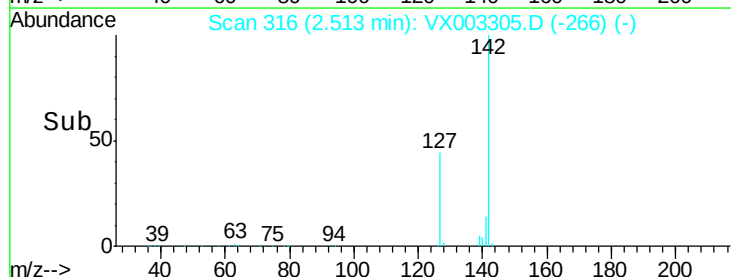
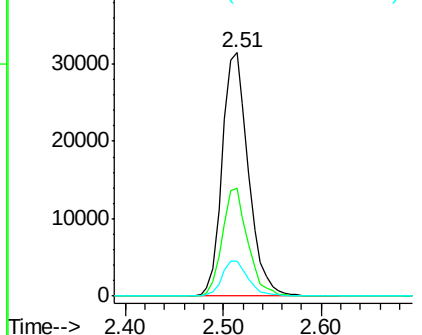
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	58568		
127	43.4	36.6	55.0	
141	14.4	11.3	16.9	

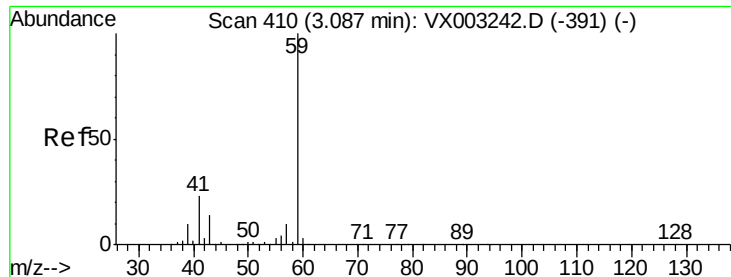


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

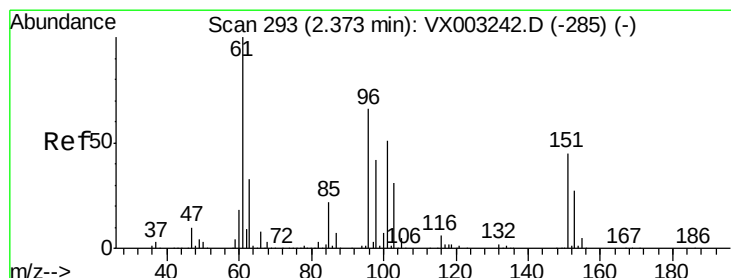
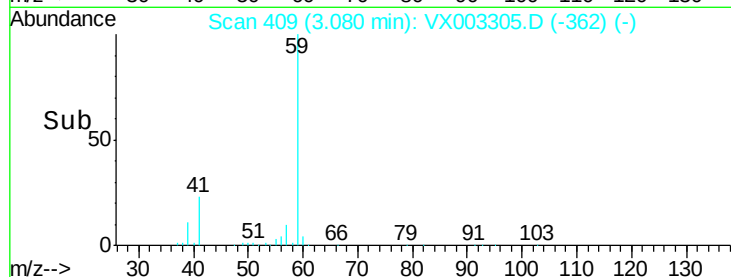
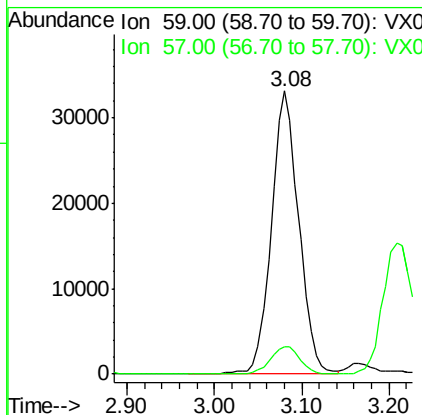
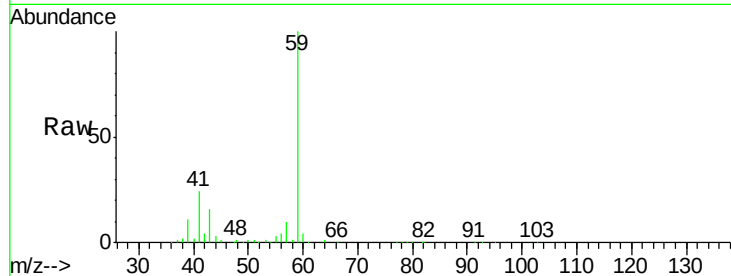
Tert butyl alcohol
Concen: 108.51 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampled :
VX0710WBSD02

Tot Ion	59	Resp	72478
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.2

Manual Integrations
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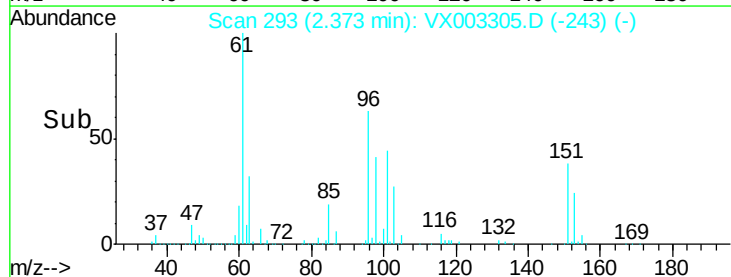
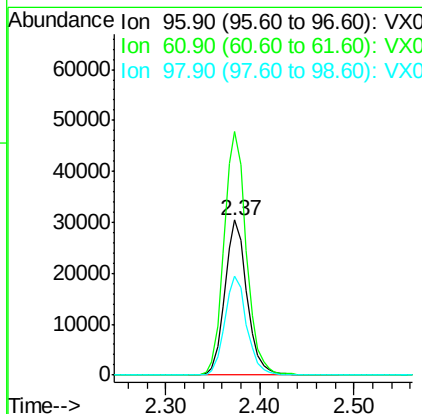
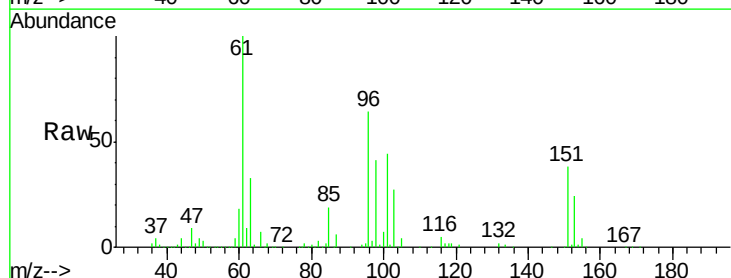
MMDadoda
7/11/2018 3:09:31 PM

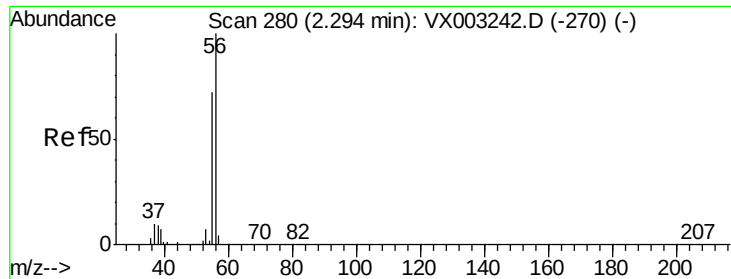


#12

1,1-Dichloroethene
Concen: 18.89 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	96	Resp	49686
Ion Ratio	100	Lower	Upper
61	157.4	137.9	206.9
98	64.2	51.6	77.4





#13

Acrolein

Concen: 71.23 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 56 Resp: 38342

Ion Ratio Lower Upper

56 100

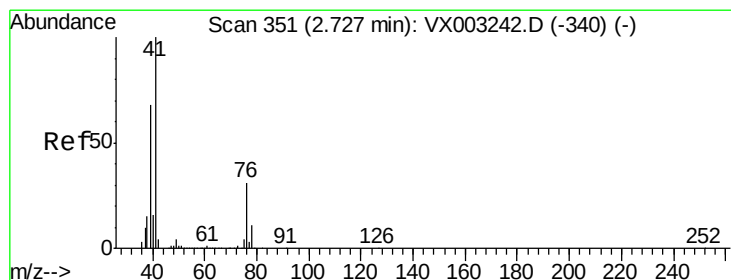
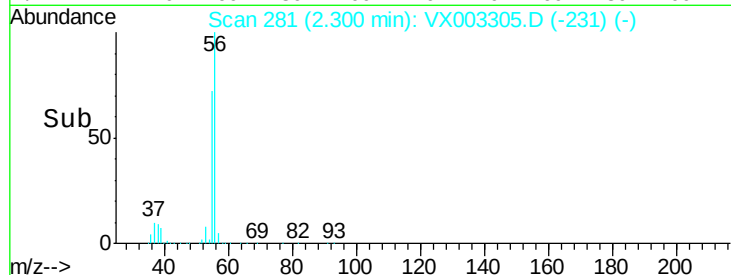
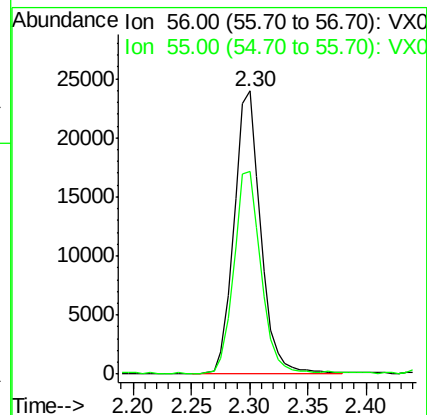
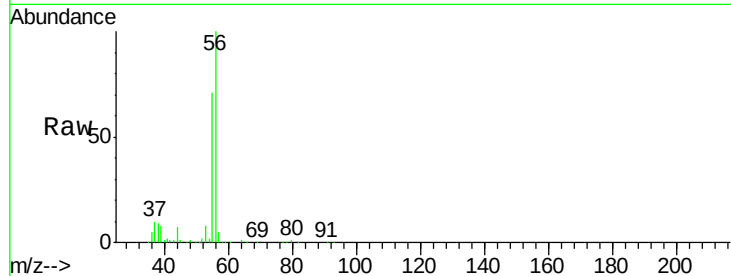
55 71.7 57.0 85.4

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 18.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

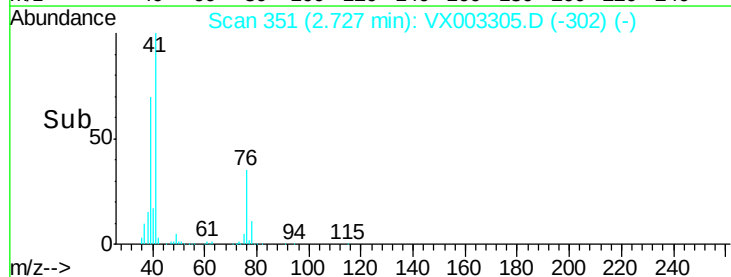
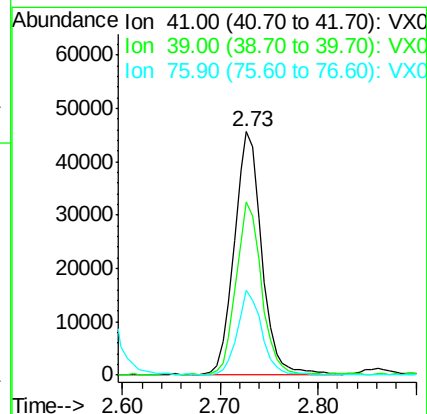
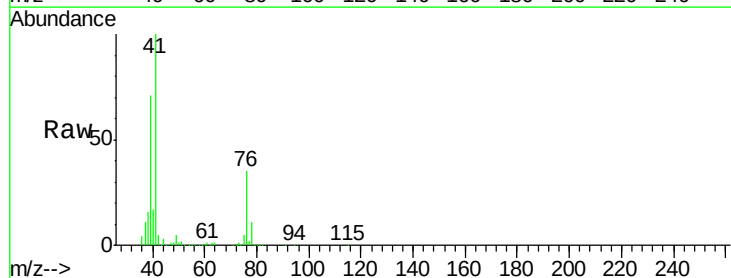
Tgt Ion: 41 Resp: 87980

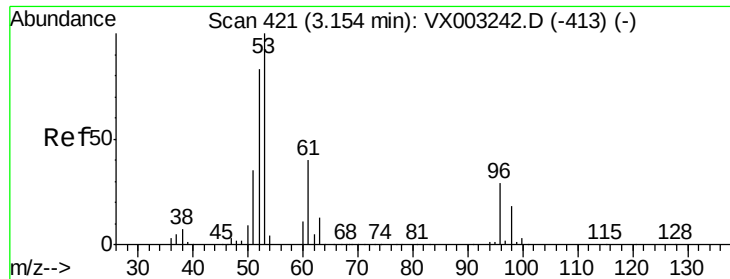
Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

76 31.6 23.8 35.8





#15

Acrylonitrile

Concen: 98.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 53 Resp: 146329

Ion Ratio Lower Upper

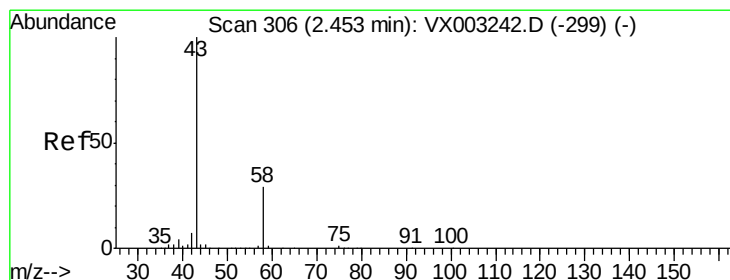
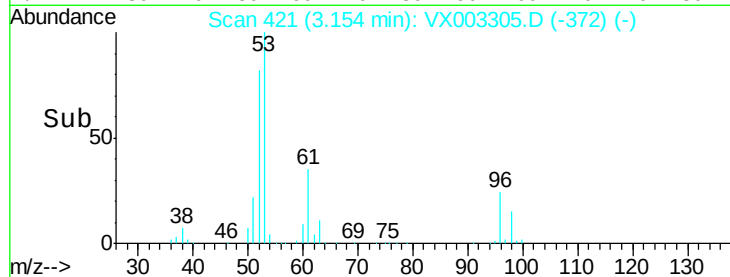
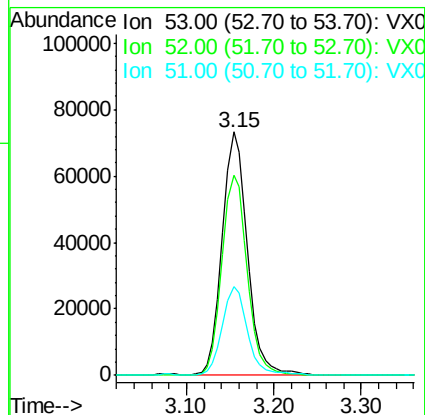
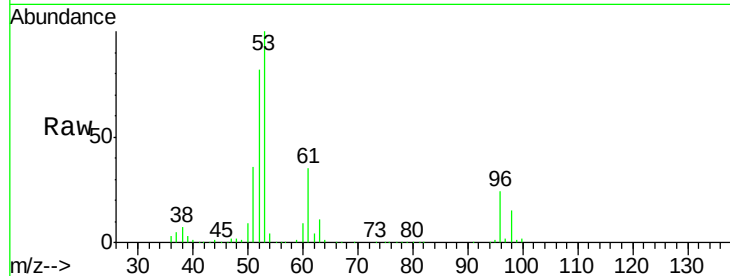
53 100

52 82.7 66.7 100.1

51 36.9 29.9 44.9

Manual Integrations
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#16

Acetone

Concen: 104.14 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003305.D

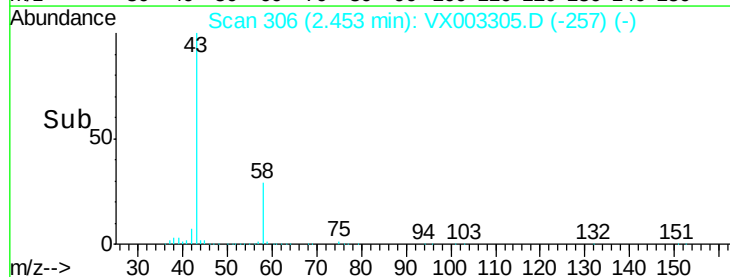
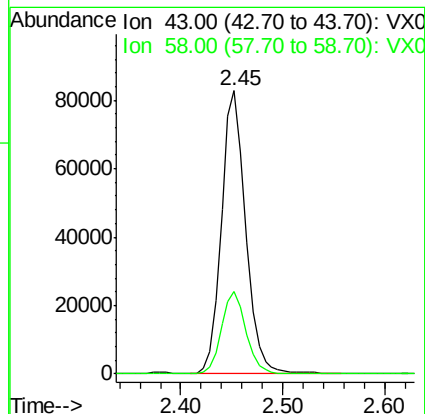
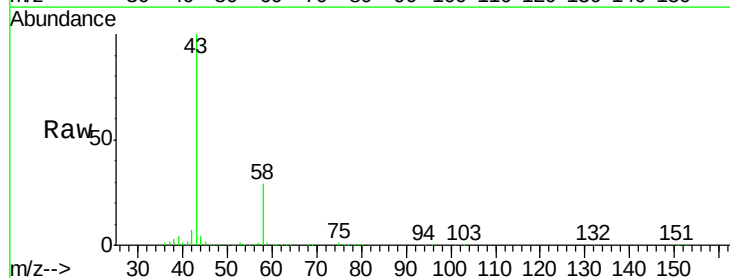
Acq: 11 Jul 2018 01:30

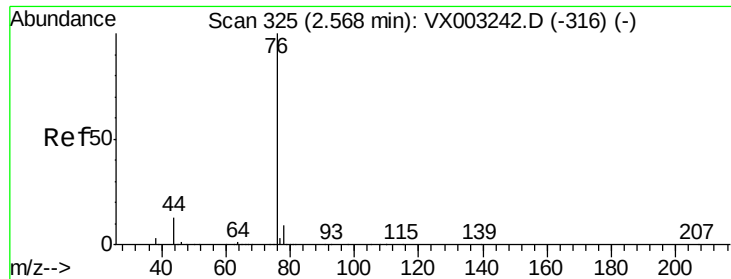
Tgt Ion: 43 Resp: 136223

Ion Ratio Lower Upper

43 100

58 29.2 22.1 33.1





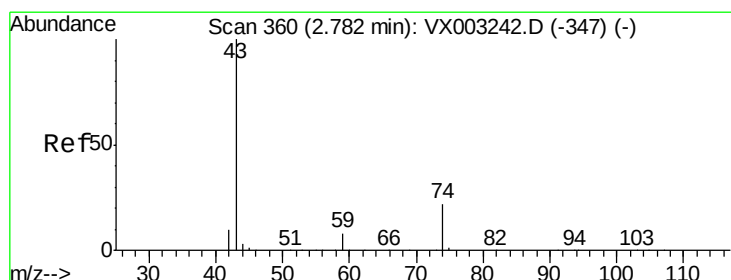
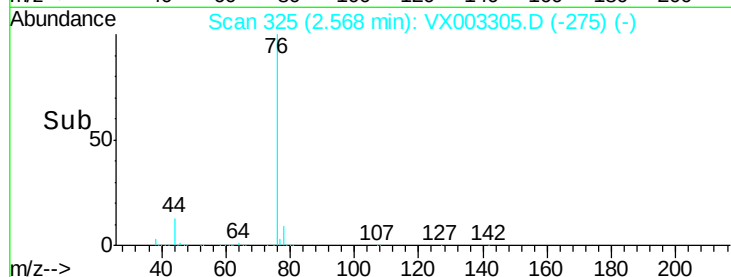
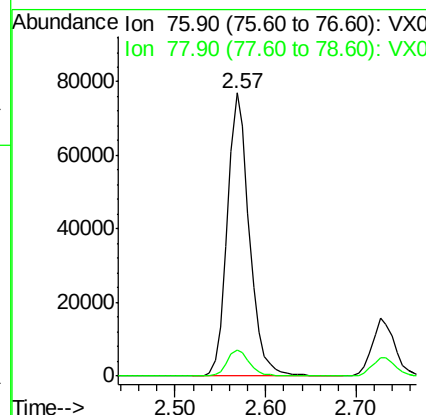
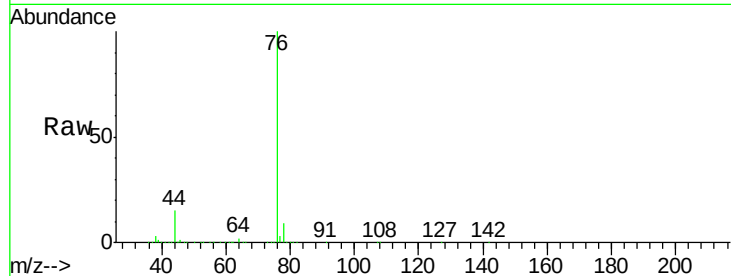
#17
Carbon Disulfide
Concen: 17.77 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

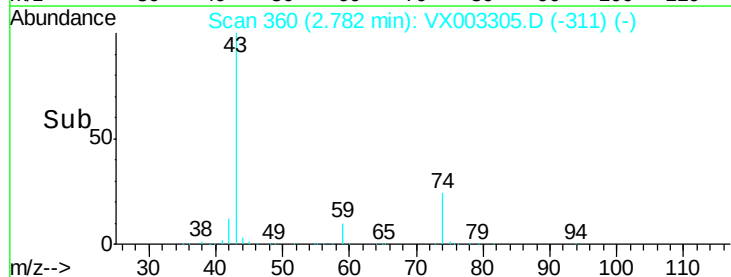
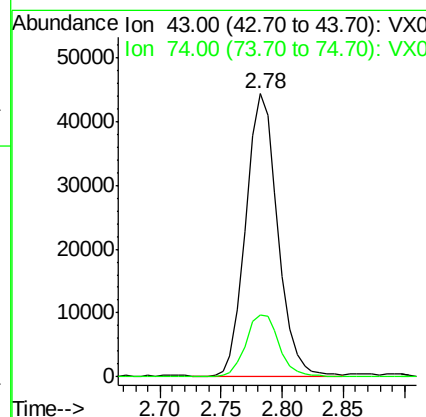
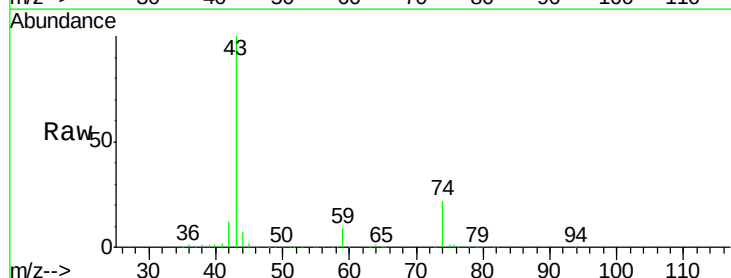
Manual Integrations
APPROVED

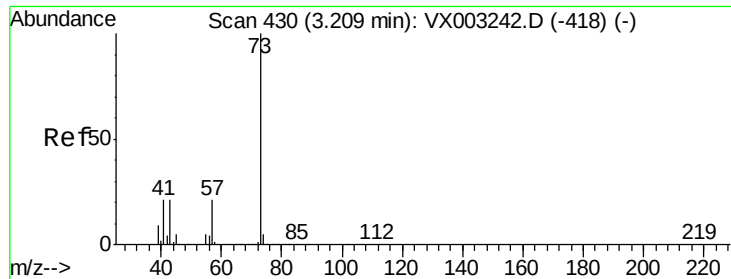
MMDadoda
7/11/2018 3:09:31 PM



#18
Methyl Acetate
Concen: 21.67 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	16.7	25.1





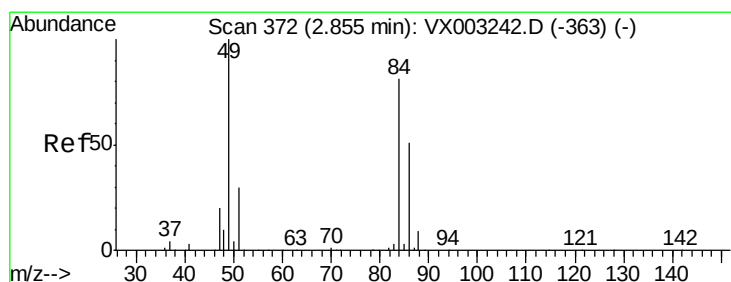
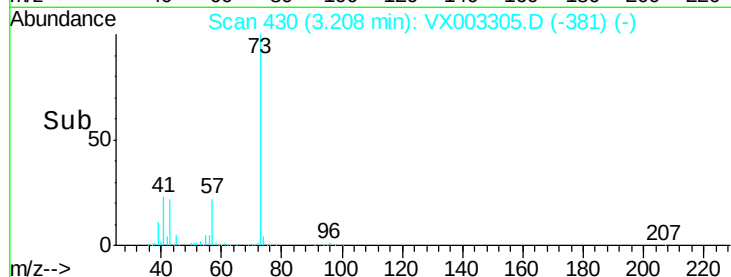
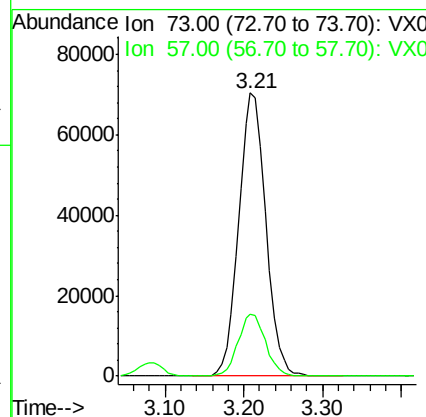
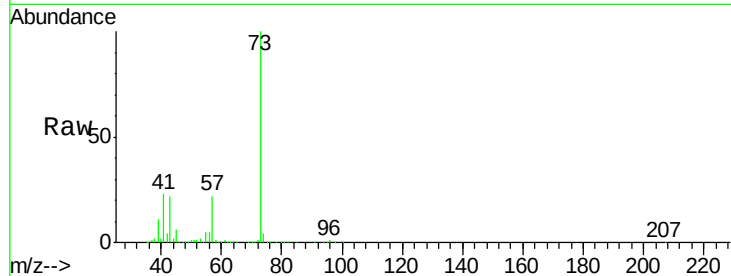
#19
Methyl tert-butyl Ether
Concen: 19.13 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 73 Resp: 168113
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

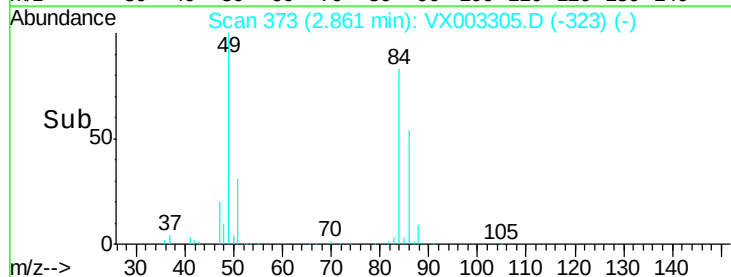
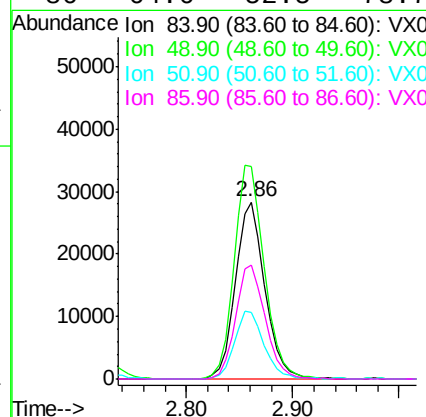
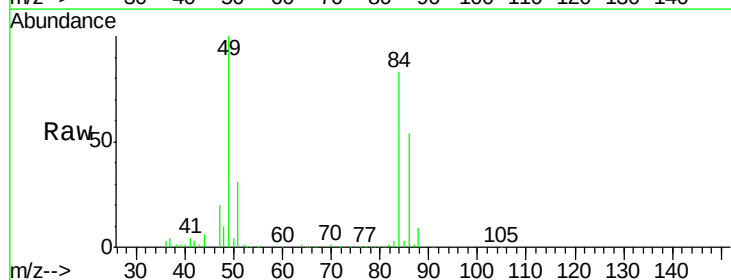
Manual Integrations
APPROVED

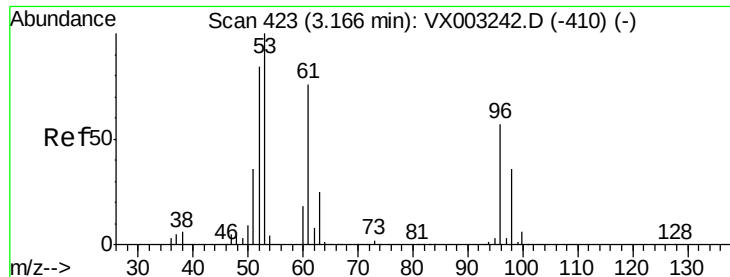
MMDadoda
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#20
Methylene Chloride
Concen: 20.16 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 84 Resp: 55155
Ion Ratio Lower Upper
84 100
49 120.1 107.8 161.6
51 37.3 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.90 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

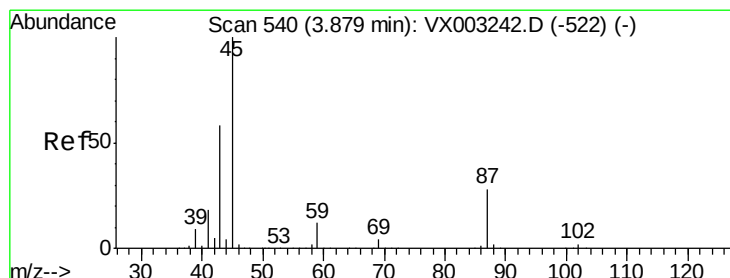
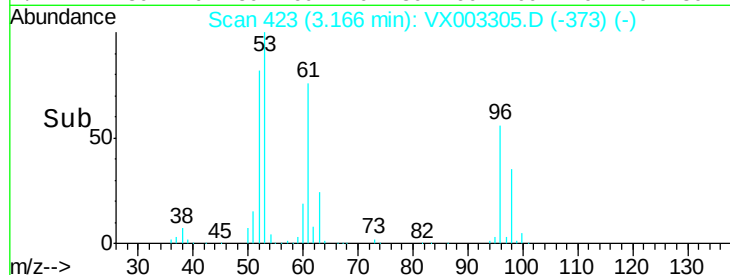
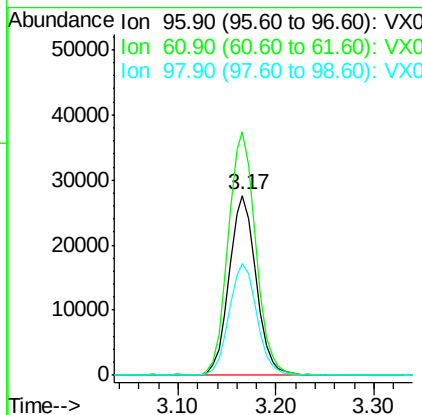
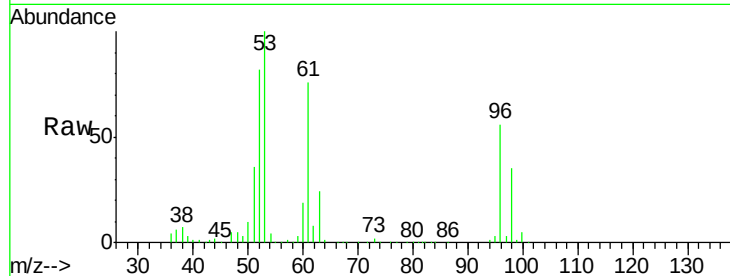
ClientSampleId :

VX0710WBSD02

Tot Ion:	96	Resp:	53015
Ion	Ratio	Lower	Upper
96	100		
61	135.0	117.0	175.4
98	62.1	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.43 ug/l

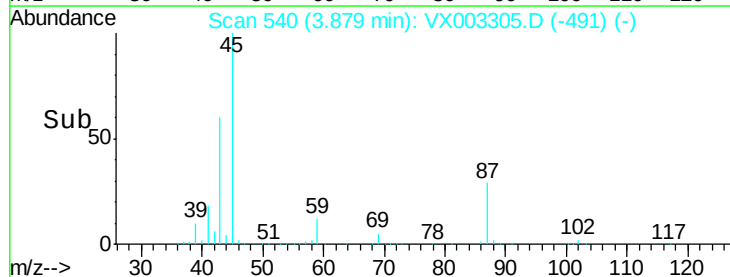
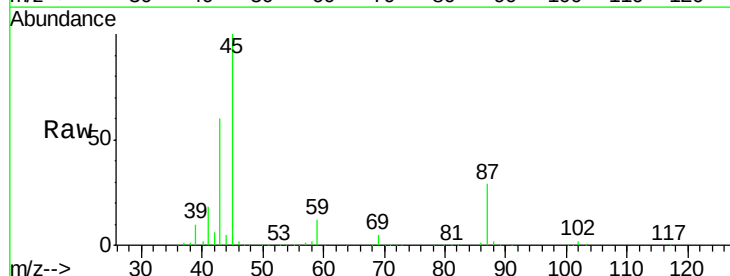
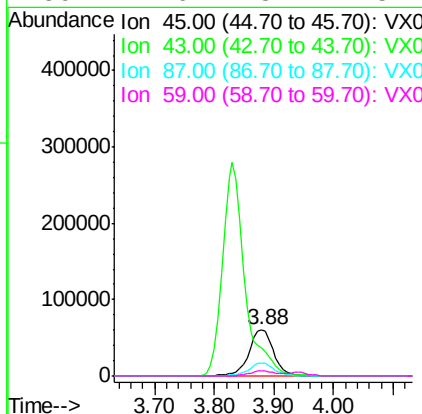
RT: 3.88 min Scan# 540

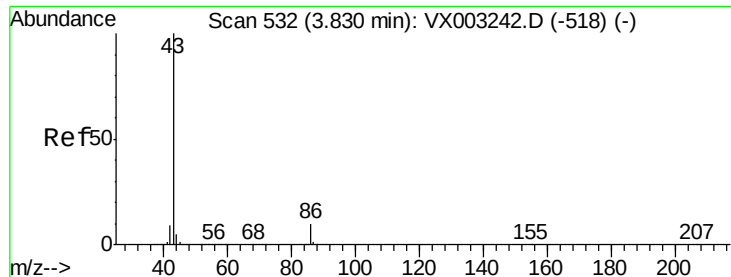
Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Tgt Ion:	45	Resp:	172755
Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.8	70.2
87	28.9	20.2	30.4
59	11.6	8.7	13.1





#23

Vinyl Acetate

Concen: 86.80 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 43 Resp: 730580

Ion Ratio Lower Upper

43 100

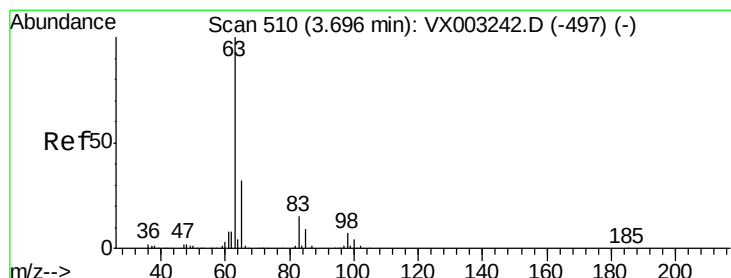
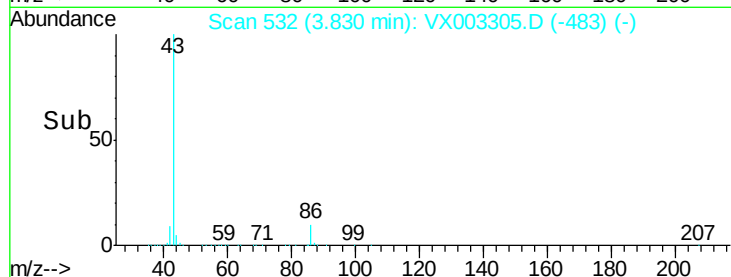
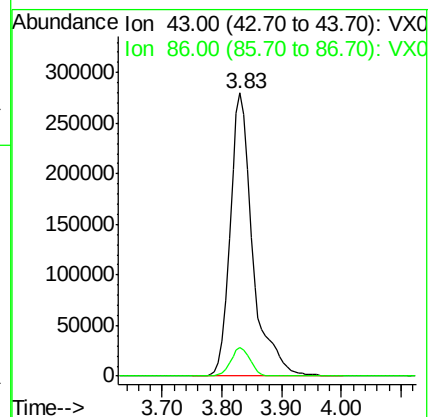
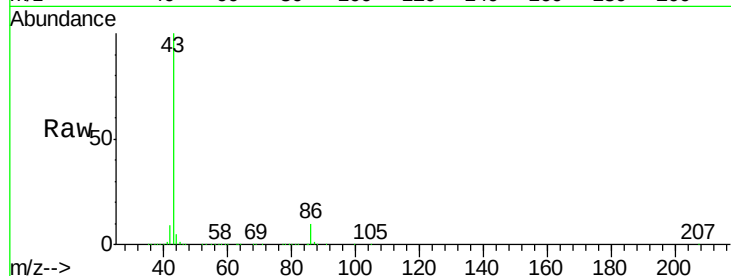
86 10.1 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.38 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

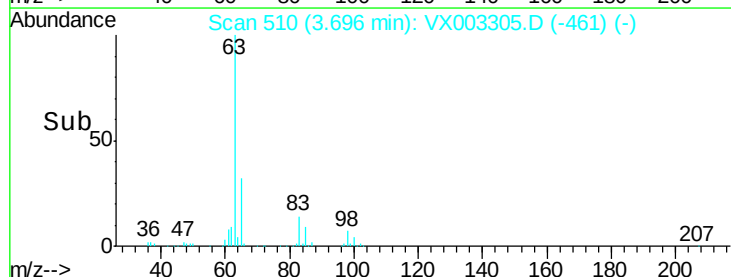
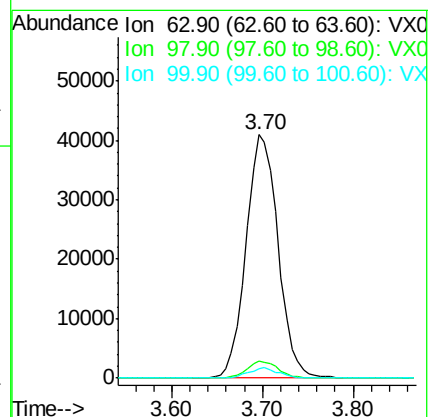
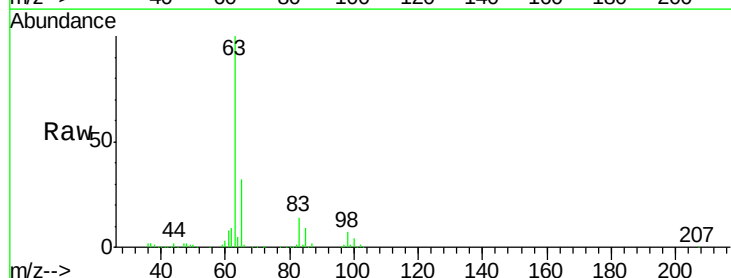
Tgt Ion: 63 Resp: 100014

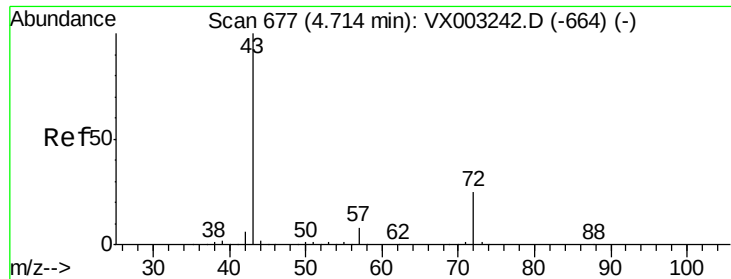
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 103.31 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 43 Resp: 239106

Ion Ratio Lower Upper

43 100

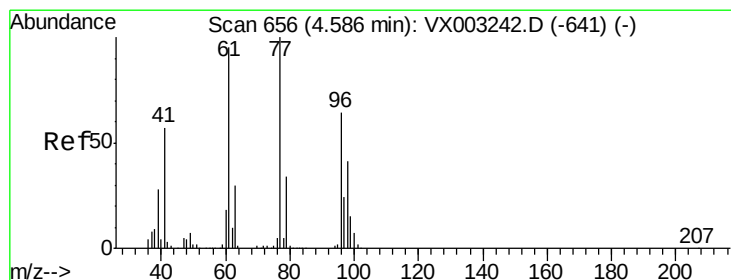
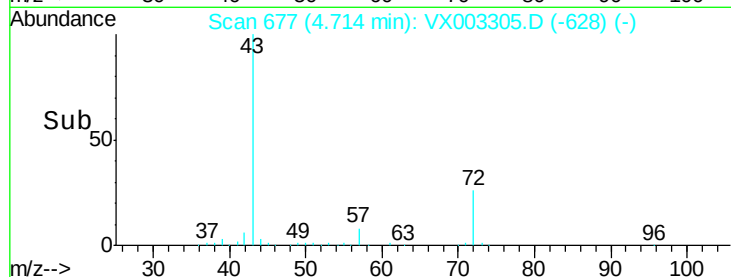
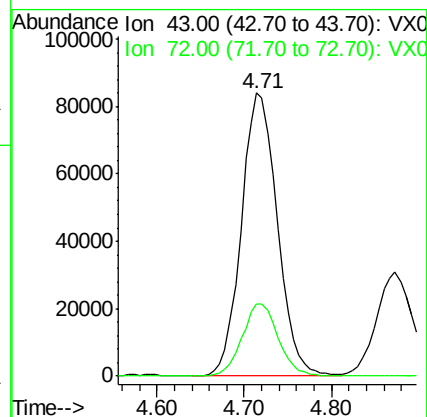
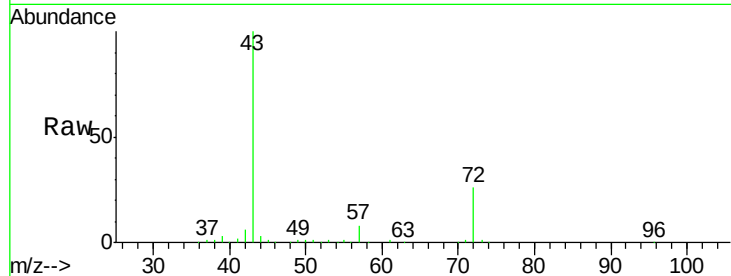
72 25.6 18.5 27.7

Manual Integrations

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7/11/2018 3:09:31 PM



#26

2,2-Dichloropropane

Concen: 11.43 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003305.D

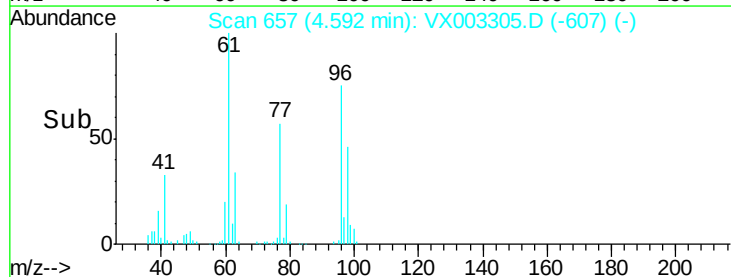
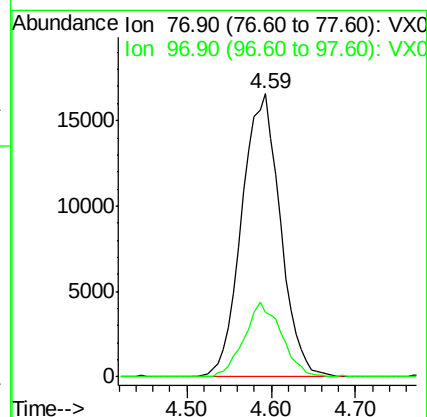
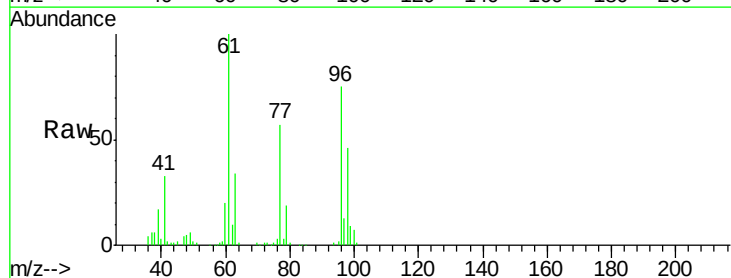
Acq: 11 Jul 2018 01:30

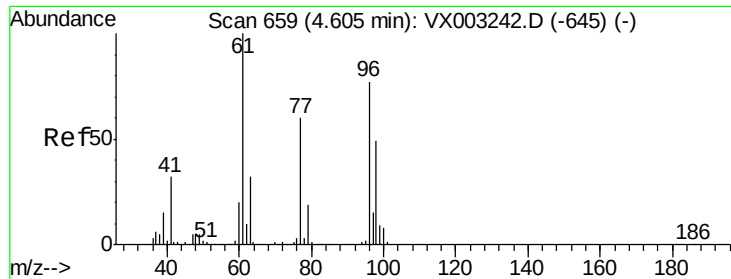
Tgt Ion: 77 Resp: 51602

Ion Ratio Lower Upper

77 100

97 25.5 11.2 33.5





#27

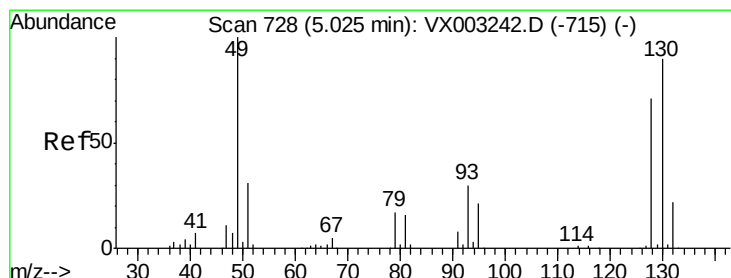
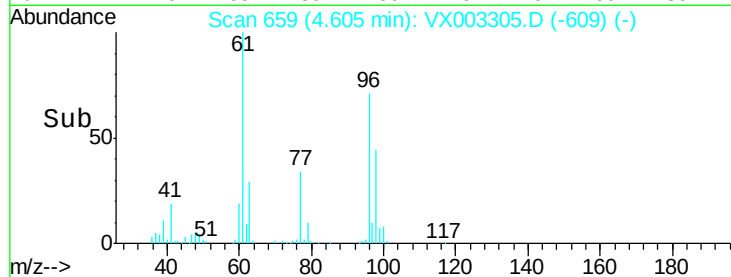
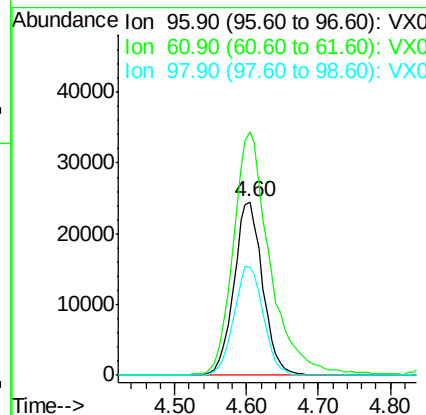
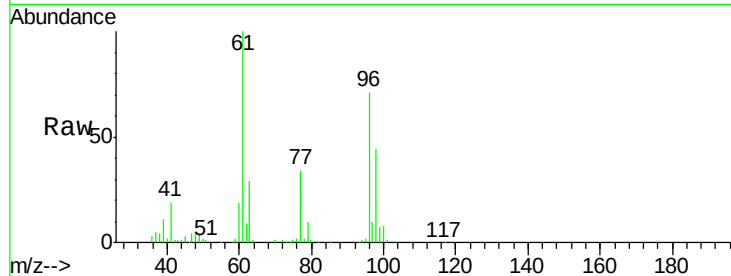
cis-1,2-Dichloroethene
Concen: 19.66 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	179.3	0.0	330.2
98	64.6	0.0	130.2

Manual Integrations
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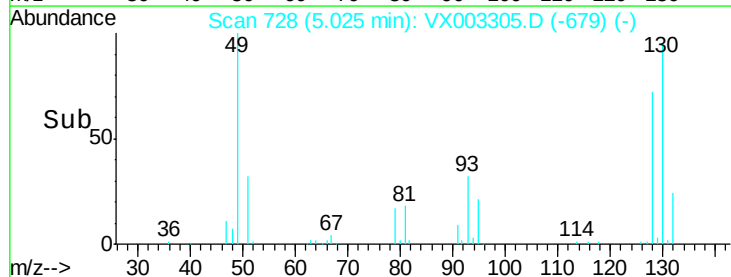
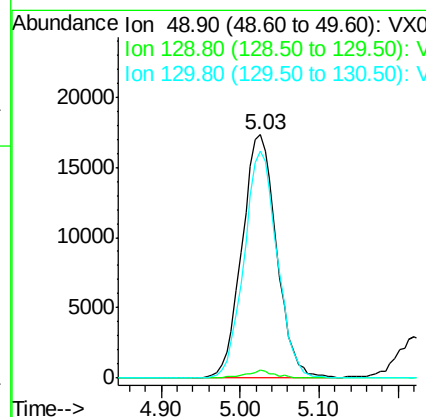
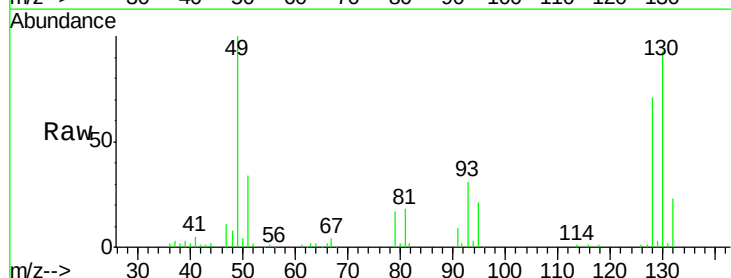
MMDadoda
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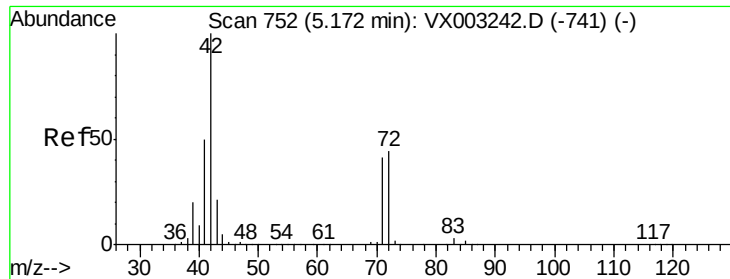


#28

Bromochloromethane
Concen: 20.32 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	89.2	61.2	91.8





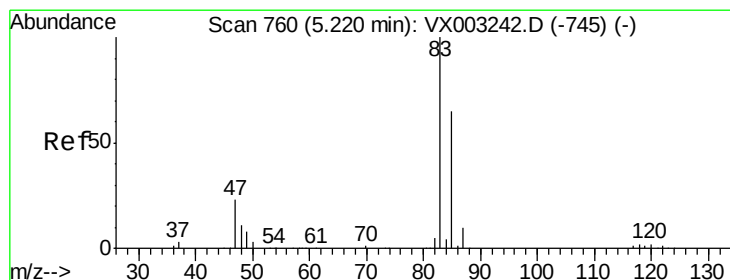
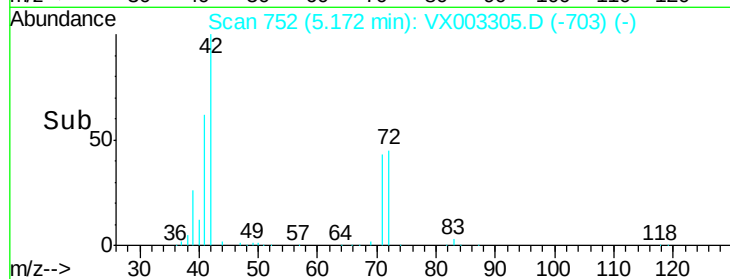
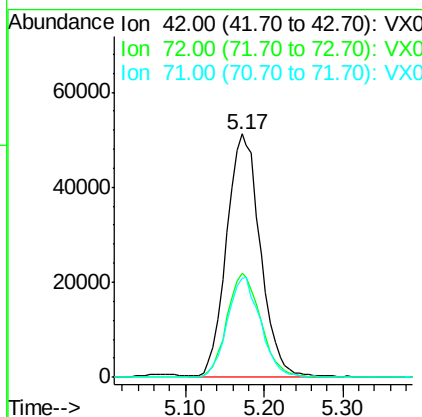
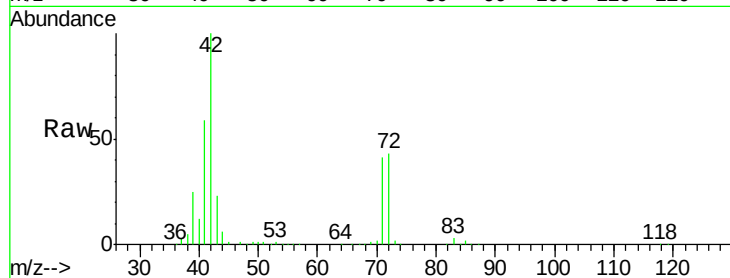
#29
Tetrahydrofuran
Concen: 100.91 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	32.0	48.0
71	40.7	30.1	45.1

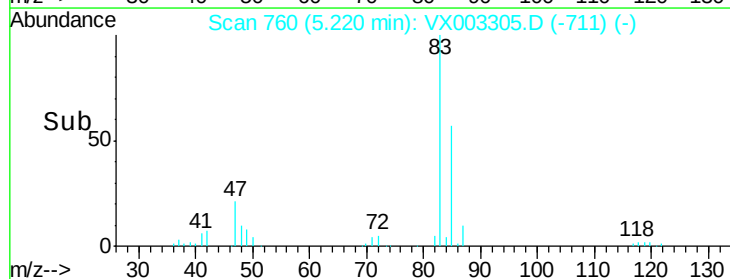
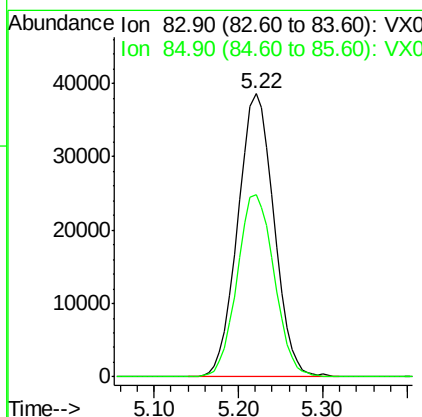
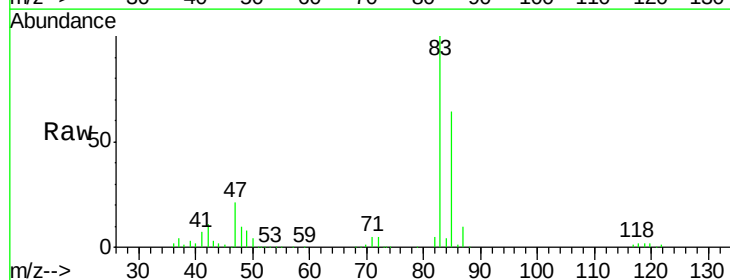
Manual Integrations
APPROVED

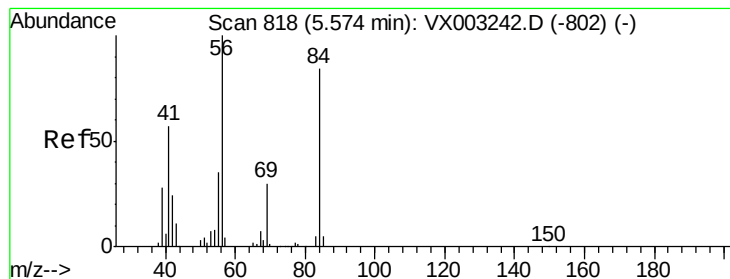
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#30
Chloroform
Concen: 19.79 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.4	75.6





#31

Cyclohexane

Concen: 19.41 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

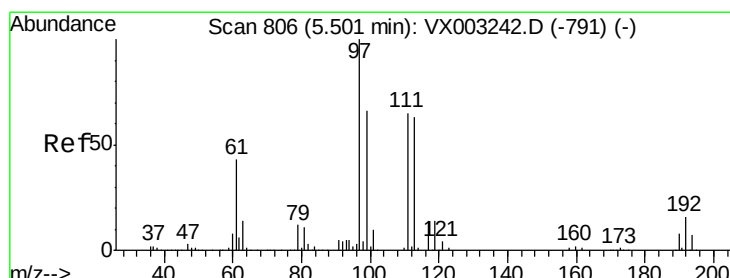
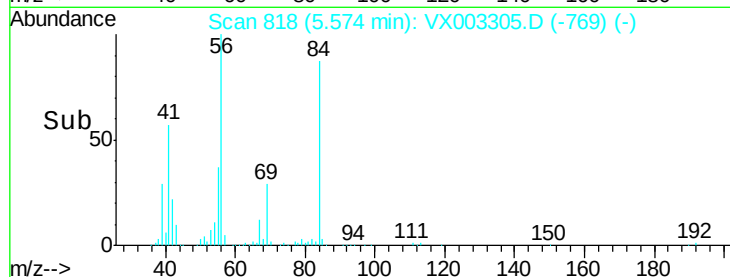
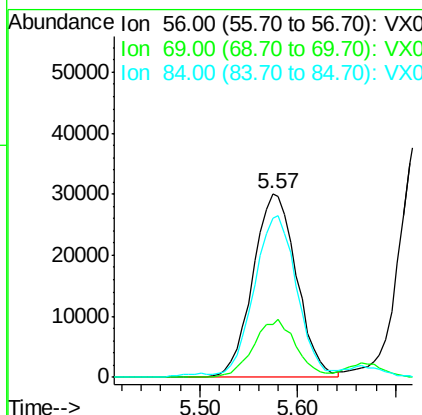
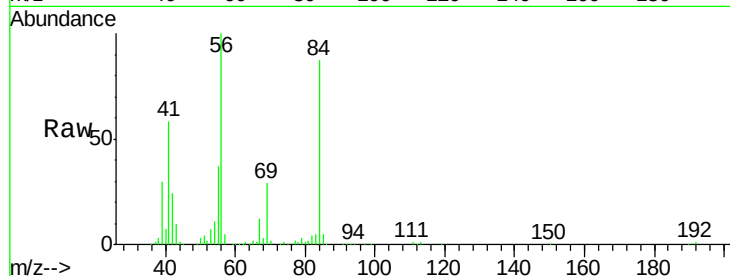
ClientSampleId :

VX0710WBSD02

Tot Ion:	56	Resp:	93774
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.7	35.5
84	85.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.86 ug/l

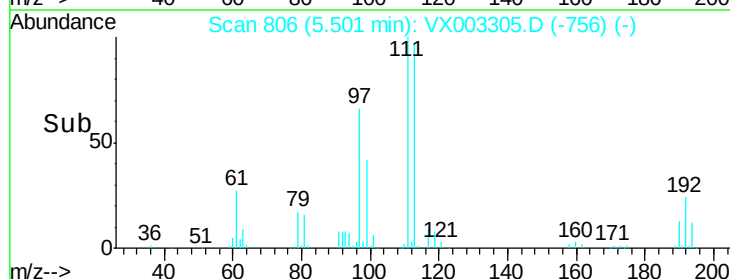
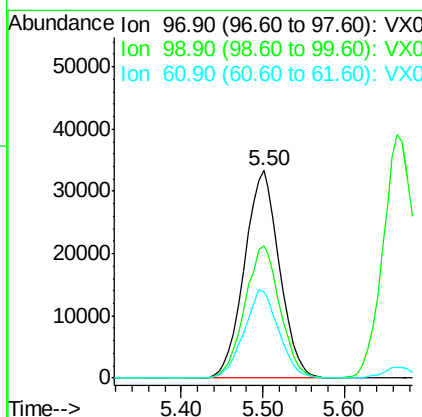
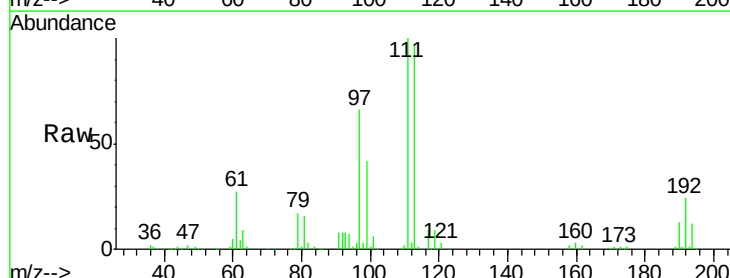
RT: 5.50 min Scan# 806

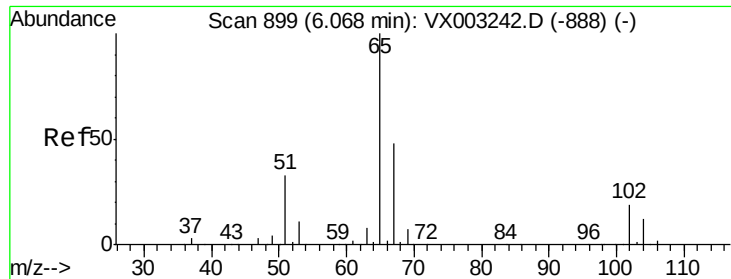
Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Tgt Ion:	97	Resp:	99463
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	42.2	36.4	54.6





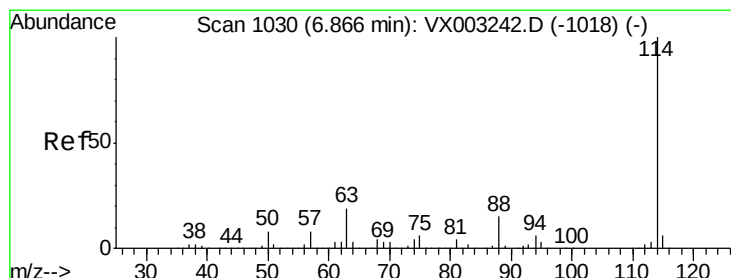
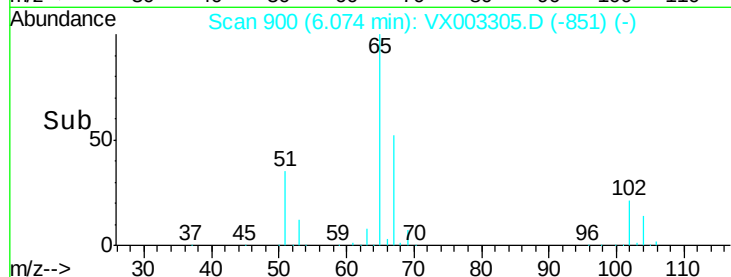
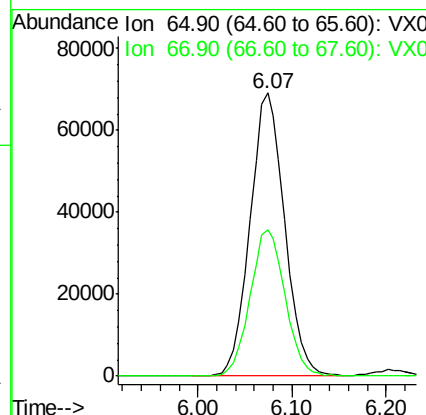
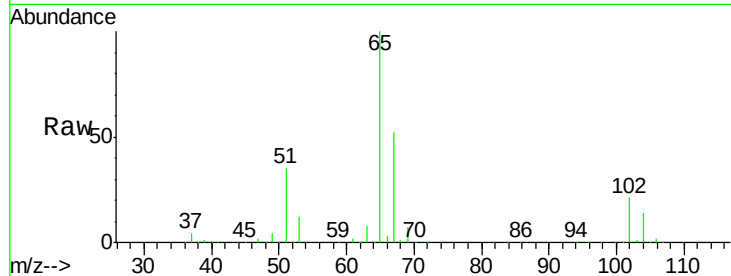
#33
 1,2-Dichloroethane-d4
 Concen: 48.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177730		
67	52.4	0.0	102.6	

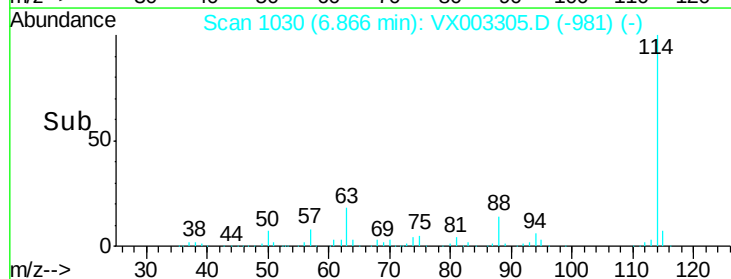
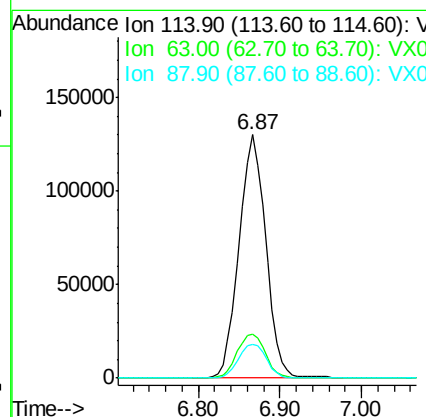
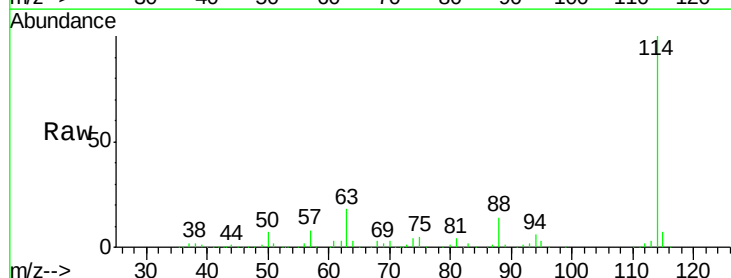
Manual Integrations
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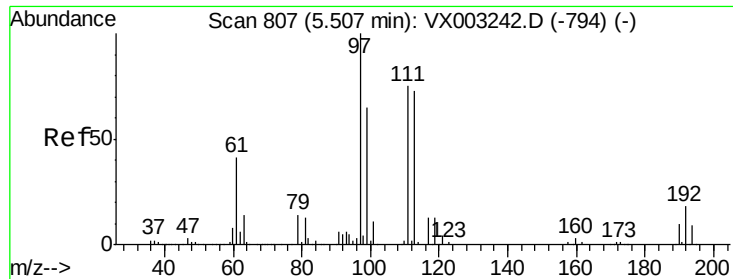
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	295973		
63	18.1	0.0	41.4	
88	14.1	0.0	30.0	





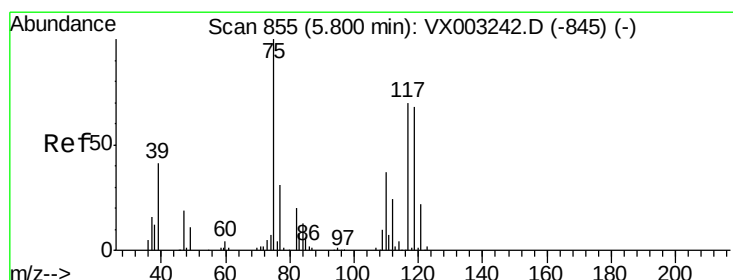
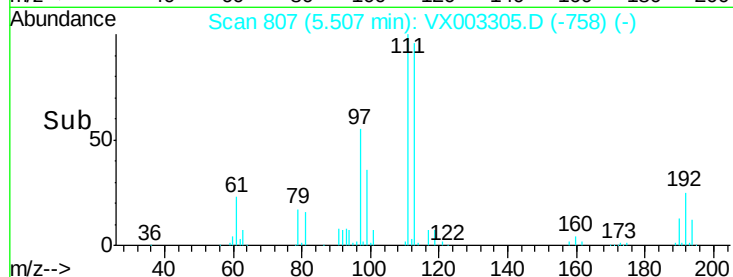
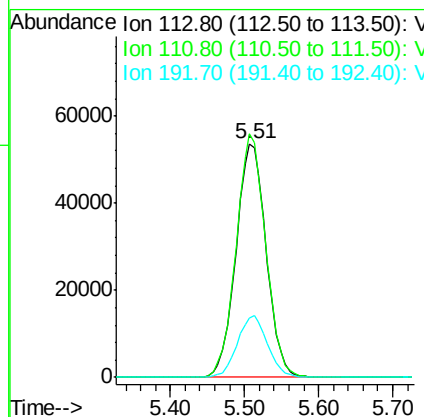
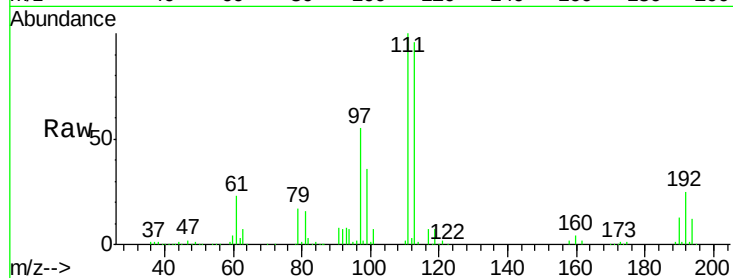
#35
 Dibromofluoromethane
 Concen: 48.05 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152771		
111	101.8	81.4	122.0	
192	26.3	19.1	28.7	

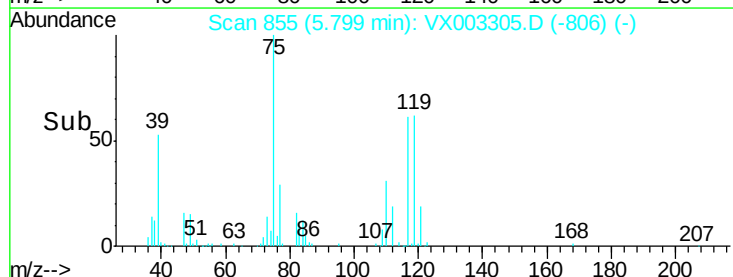
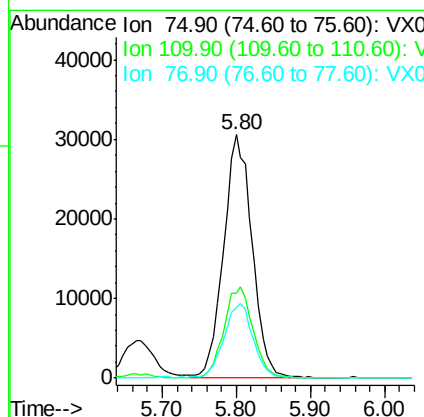
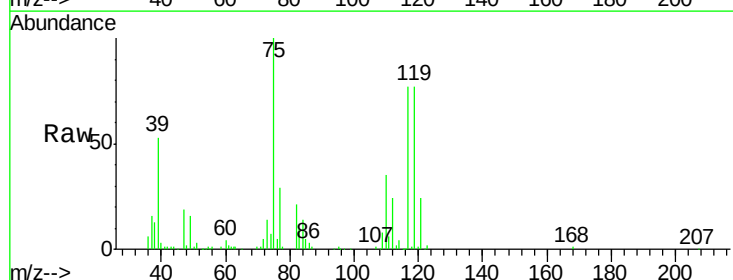
Manual Integrations
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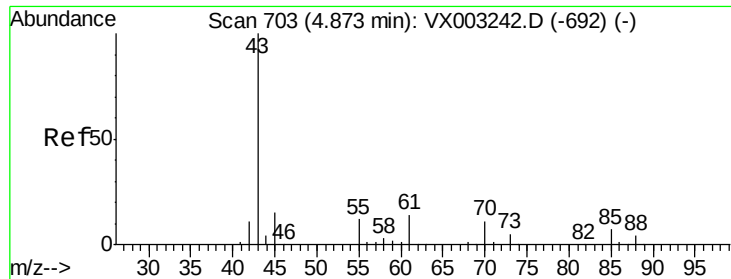
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#36
 1,1-Dichloropropene
 Concen: 19.54 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81881		
110	38.1	18.1	54.4	
77	31.3	24.3	36.5	





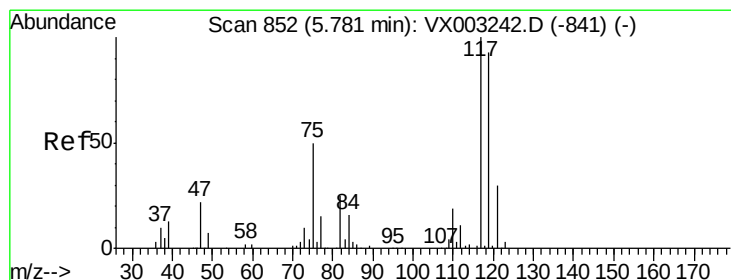
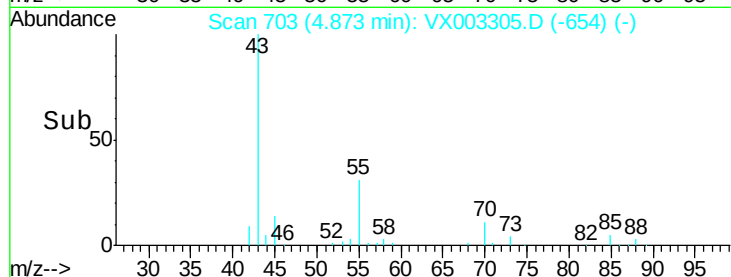
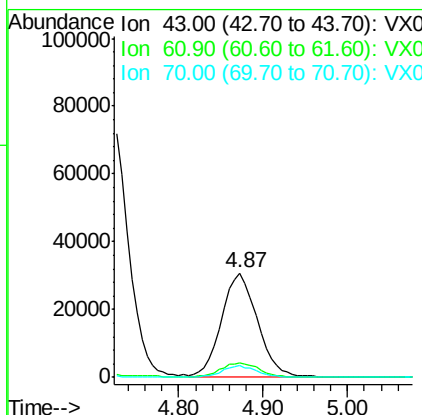
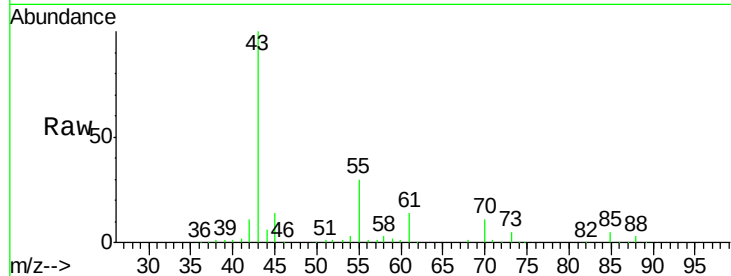
#37
Ethyl Acetate
Concen: 19.28 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion:	43	Resp:	88540
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.9	7.6	11.4

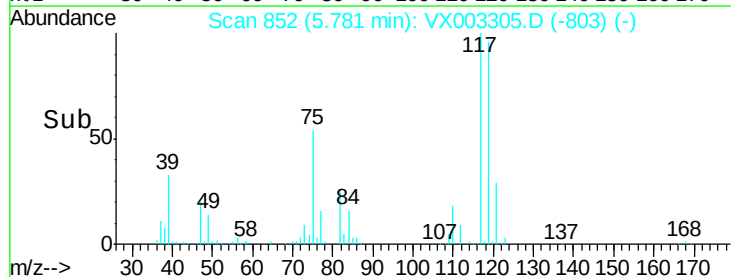
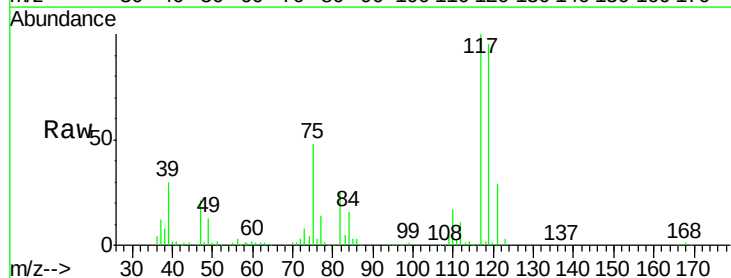
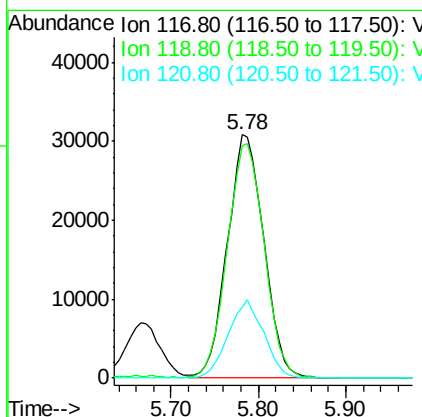
Manual Integrations
APPROVED

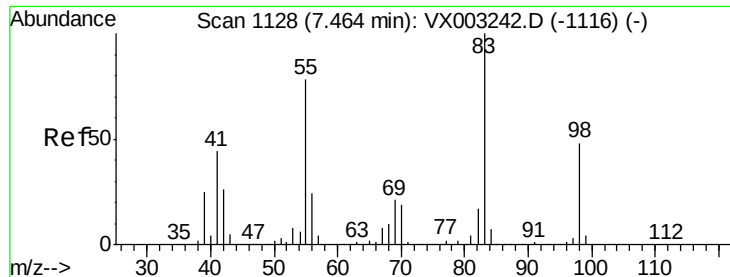
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#38
Carbon Tetrachloride
Concen: 19.56 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion:	117	Resp:	89635
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
121	29.0	24.4	36.6





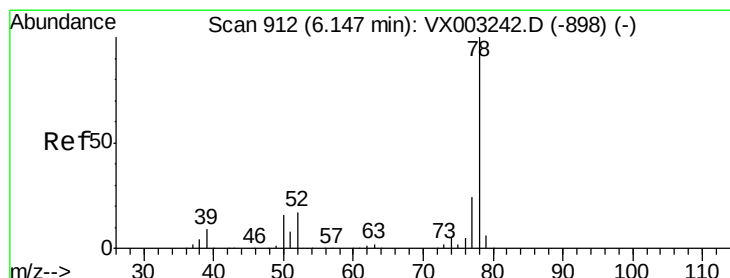
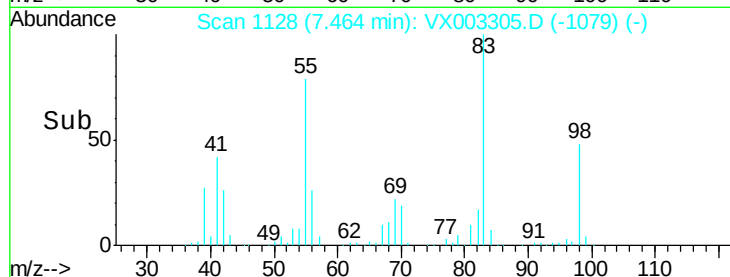
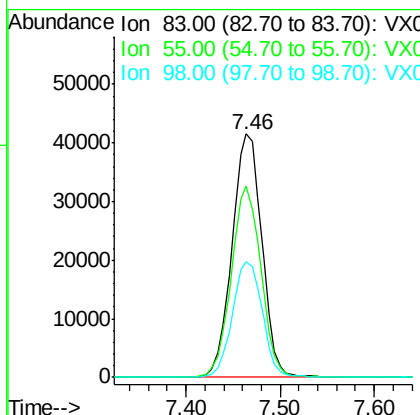
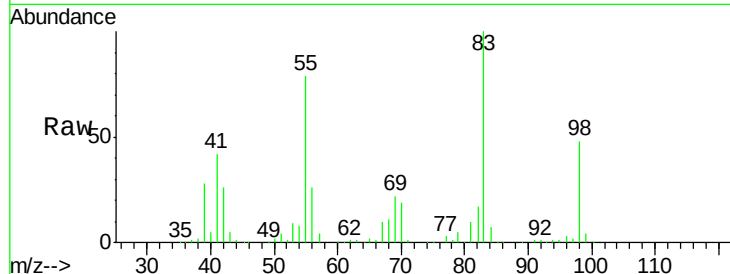
#39
Methylvlcyclohexane
Concen: 18.54 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion	83	Resp	91535
Ion Ratio	Lower	Upper	
83	100		
55	78.5	65.4	98.0
98	47.7	37.4	56.0

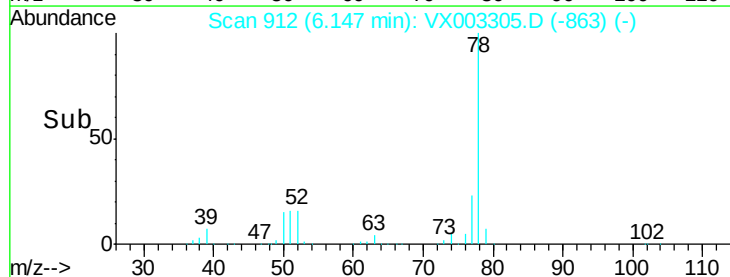
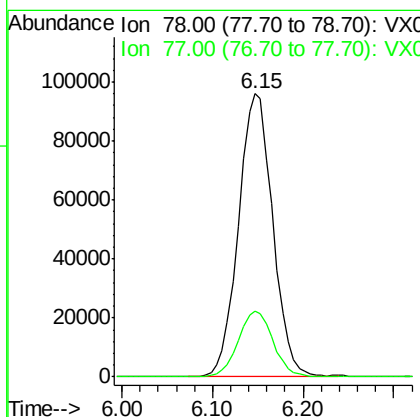
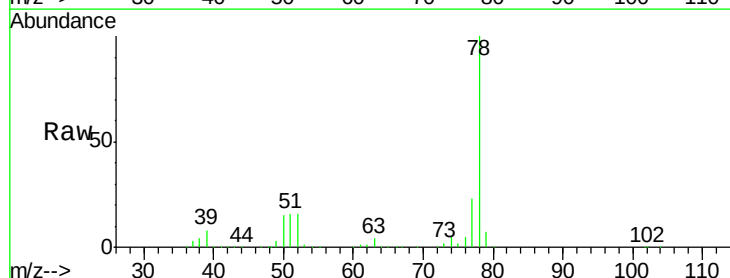
Manual Integrations
APPROVED

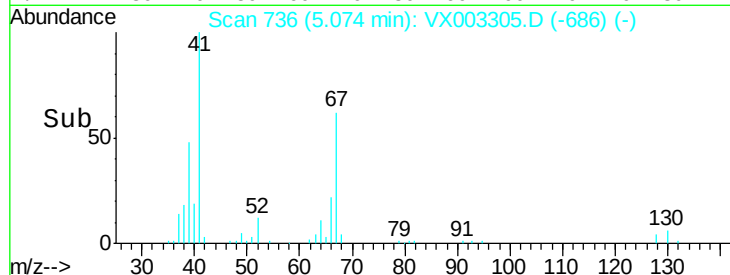
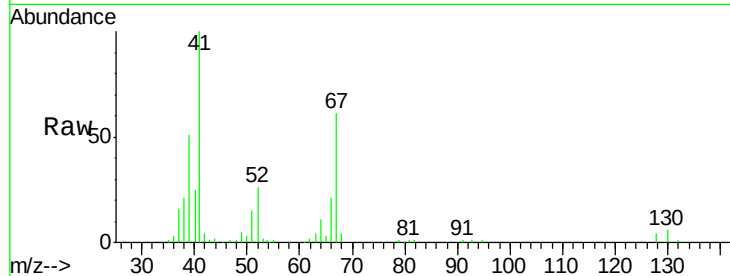
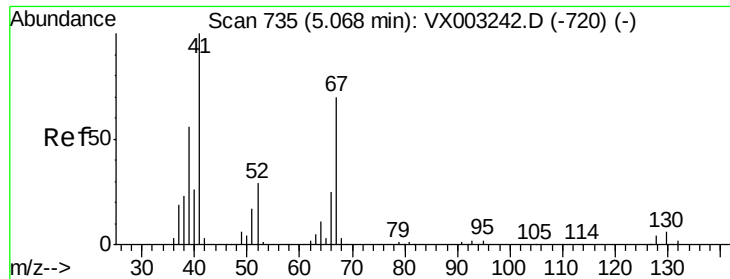
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#40
Benzene
Concen: 20.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	78	Resp	251466
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.1	28.7





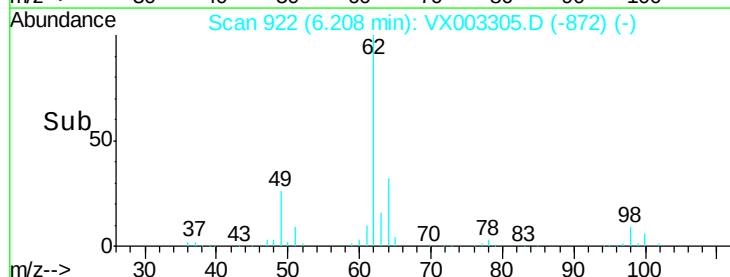
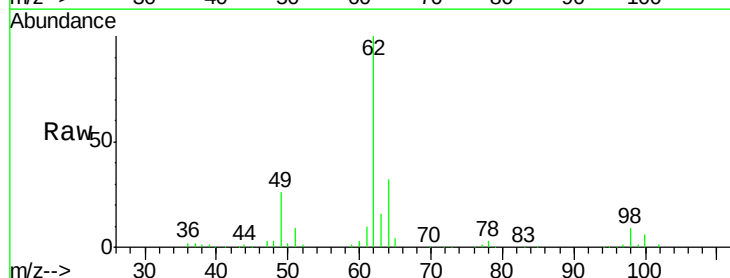
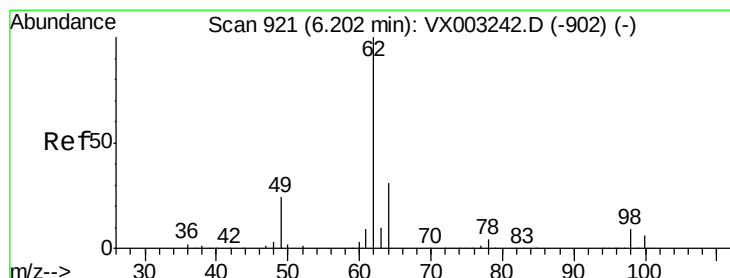
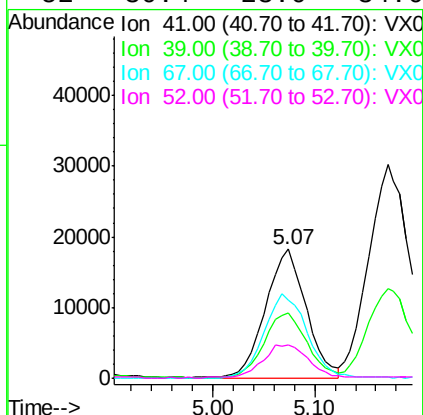
#41
Methacrylonitrile
Concen: 19.85 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tot Ion	41	Resp	49928
Ion Ratio	Lower	Upper	
41	100		
39	54.8	45.8	68.6
67	70.0	51.3	76.9
52	30.4	23.0	34.6

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

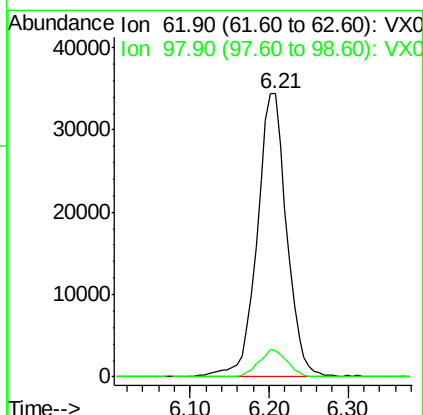
Manual Integrations
APPROVED

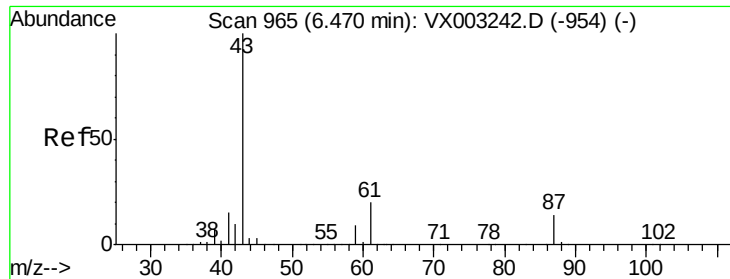
MMDadoda
7/11/2018 3:09:31 PM



#42
1,2-Dichloroethane
Concen: 19.32 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	62	Resp	89644
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	16.6





#43

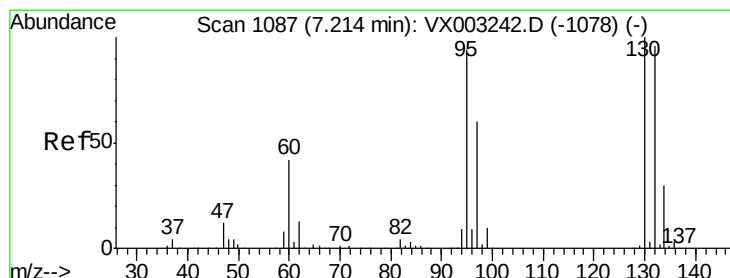
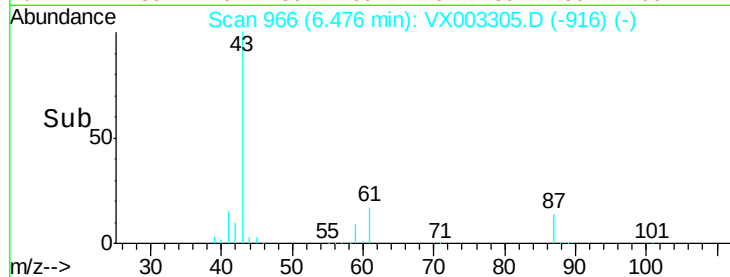
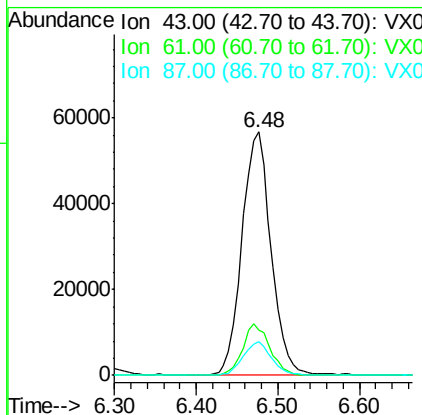
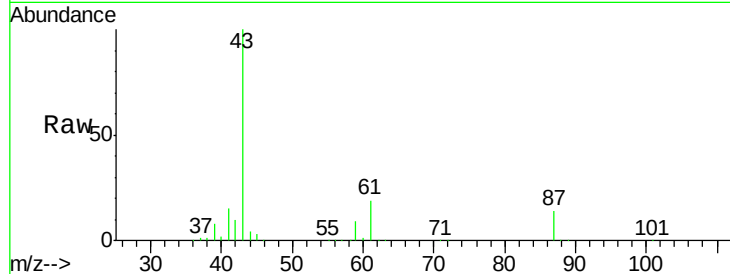
Isopropyl Acetate
 Concen: 19.39 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.4	21.6
87	13.5	9.5	14.3

Manual Integrations
 APPROVED

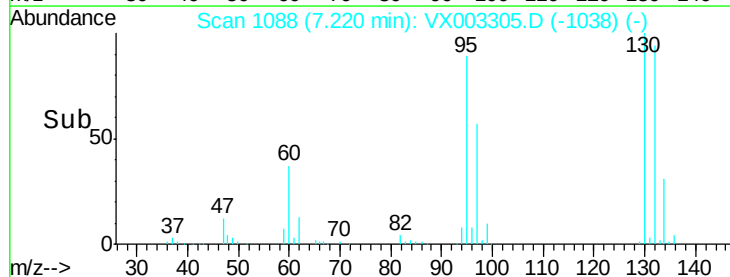
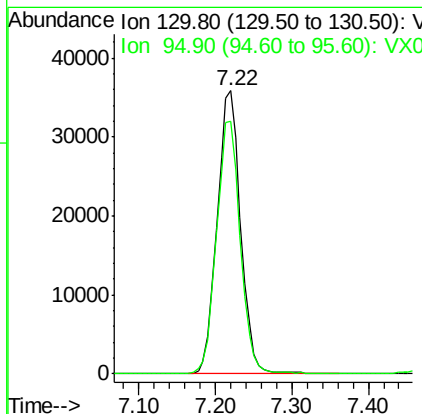
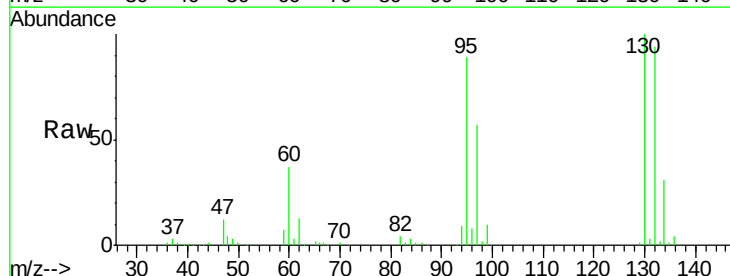
MMDadoda
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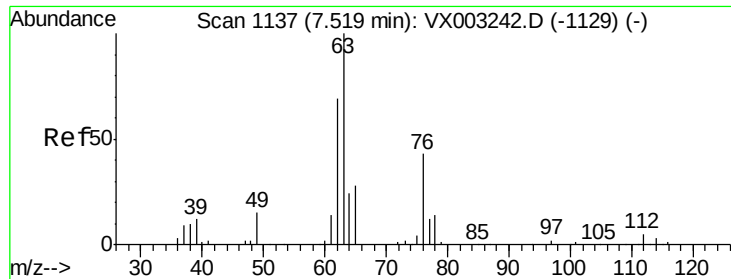


#44

Trichloroethene
 Concen: 20.70 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	185.4





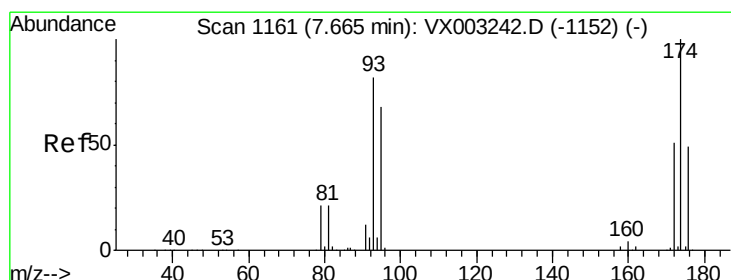
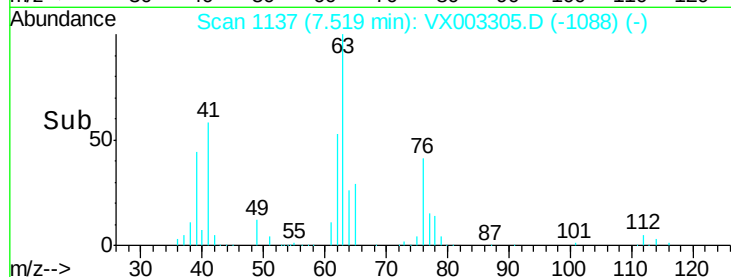
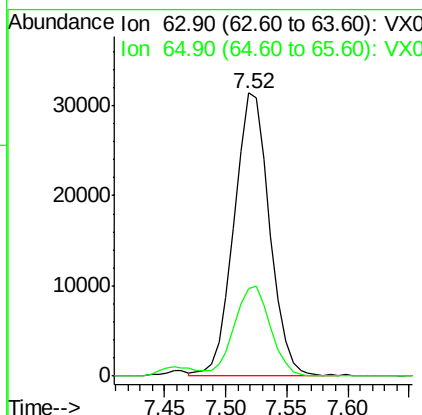
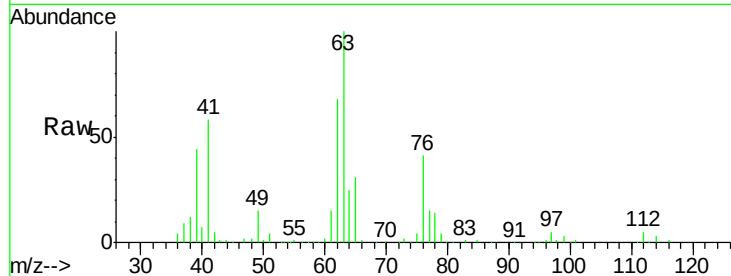
#45
 1,2-Dichloropropane
 Concen: 19.40 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0710WBSD02

Tot Ion: 63 Resp: 62610
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

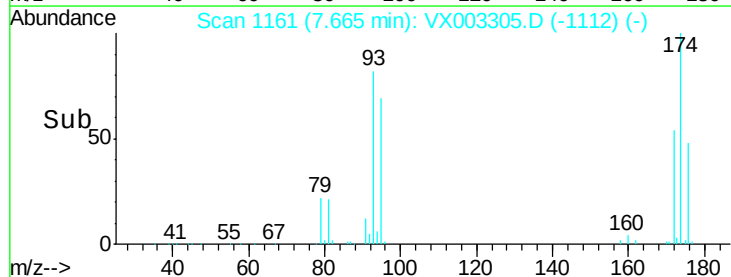
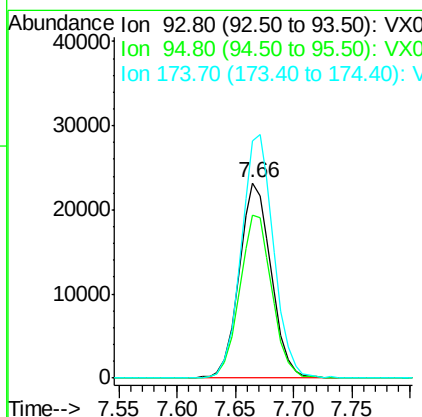
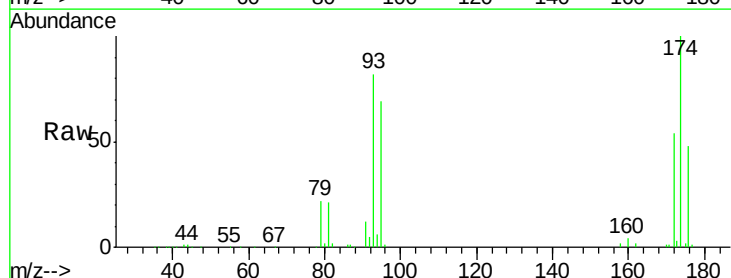
Manual Integrations
 APPROVED

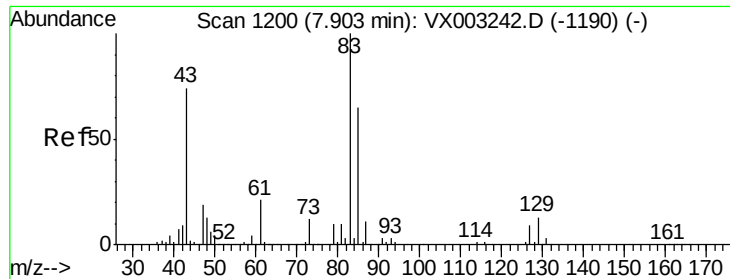
MMDadoda
 7/11/2018 3:09:31 PM



#46
 Dibromomethane
 Concen: 20.17 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 93 Resp: 44390
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 126.2 92.4 138.6





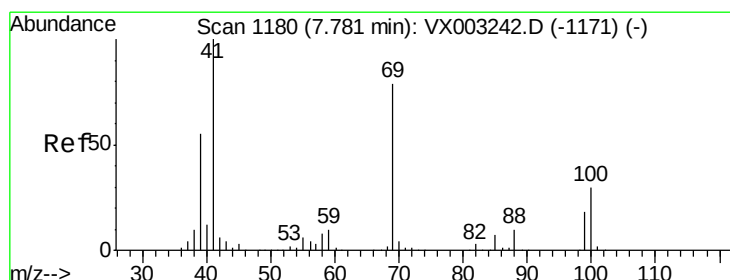
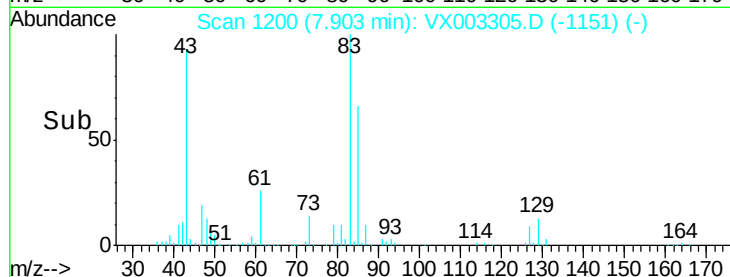
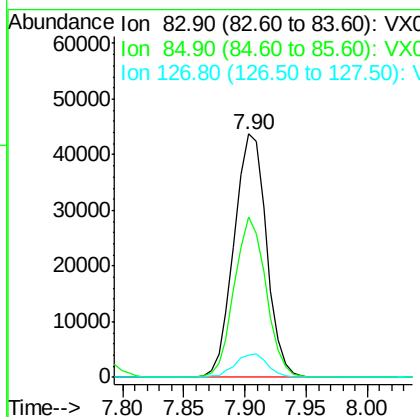
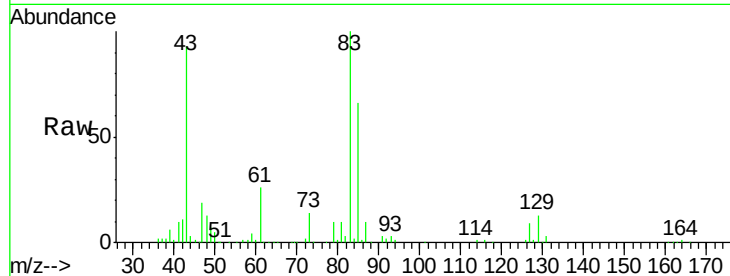
#47
Bromodichloromethane
Concen: 19.83 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.3	75.5
127	9.3	7.0	10.4

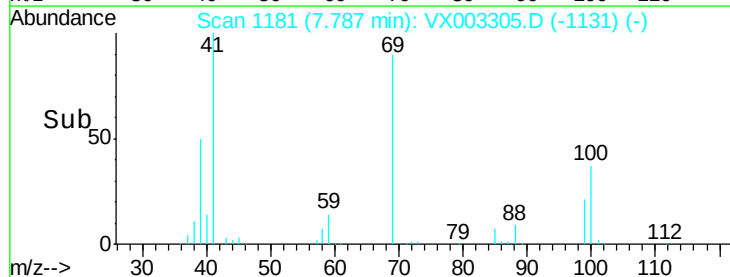
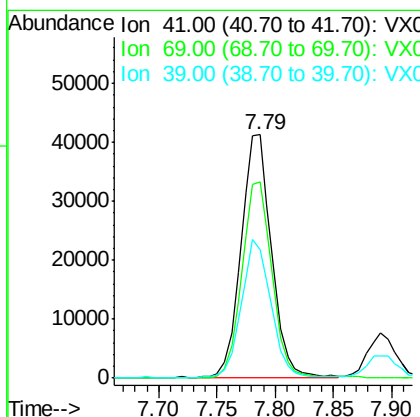
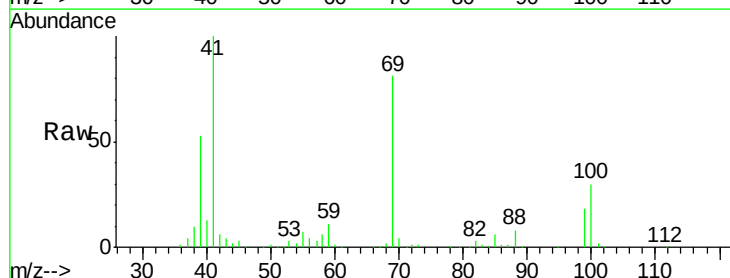
Manual Integrations
APPROVED

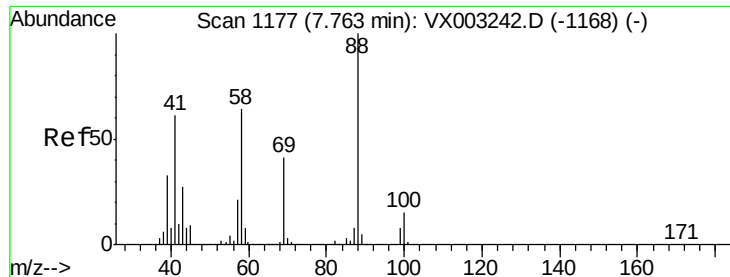
MMDadoda
7/11/2018 3:09:31 PM



#48
Methyl methacrylate
Concen: 20.25 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.8	59.1	88.7
39	55.3	48.9	73.3





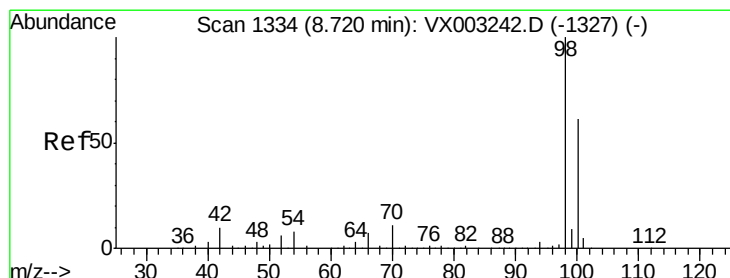
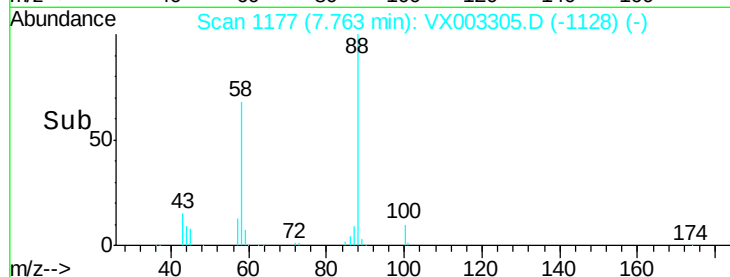
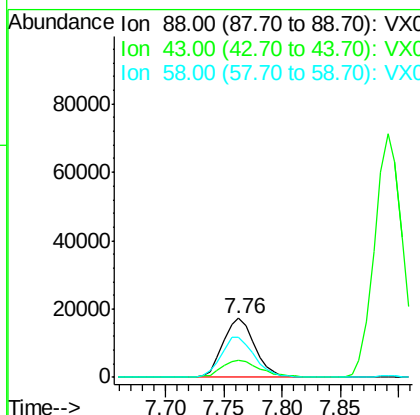
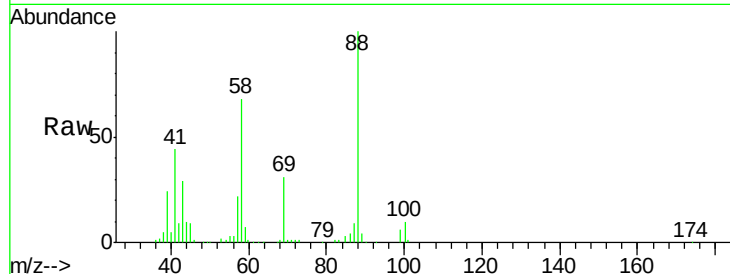
#49
1,4-Dioxane
Concen: 425.52 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	29.8	44.6
58	71.4	57.1	85.7

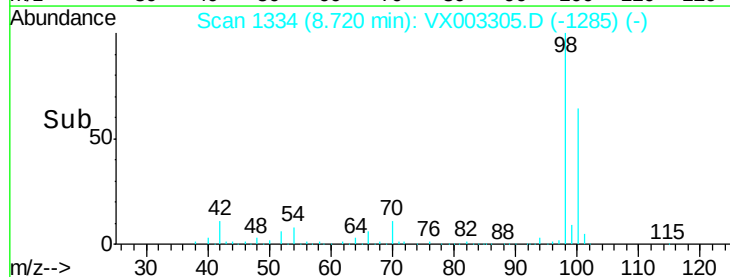
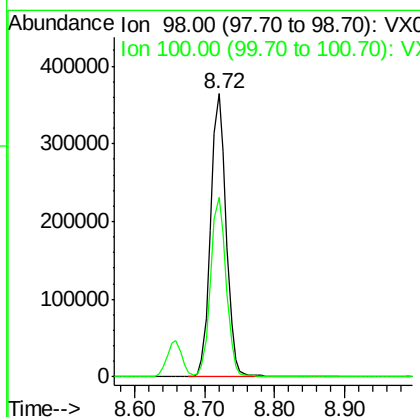
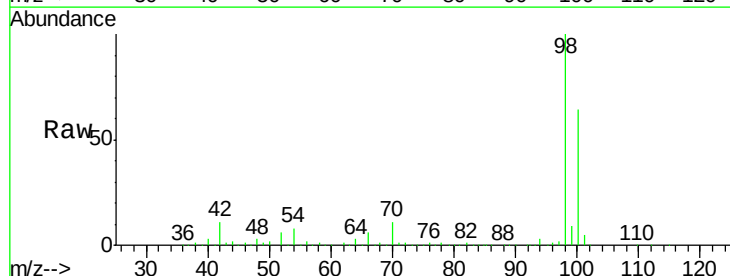
Manual Integrations
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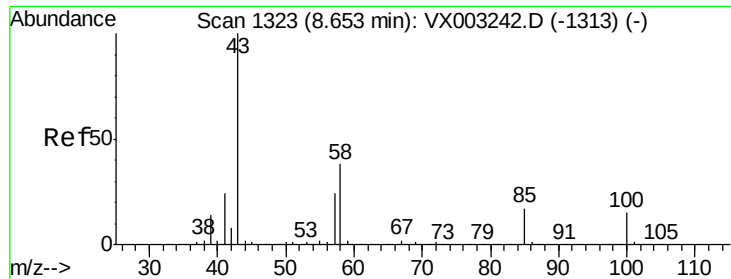
MMDadoda
7/11/2018 3:09:31 PM



#50
Toluene-d8
Concen: 49.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





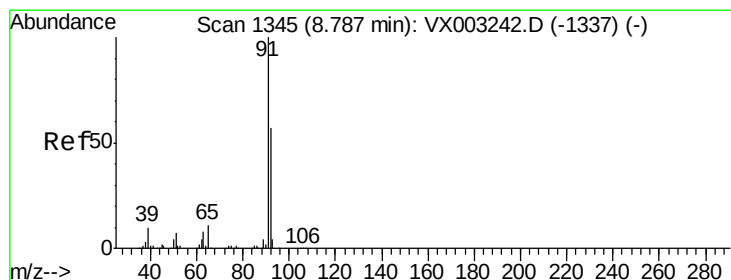
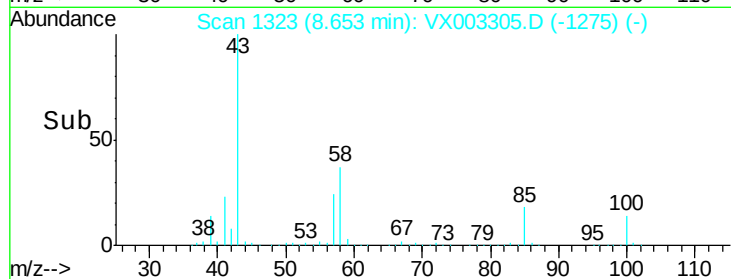
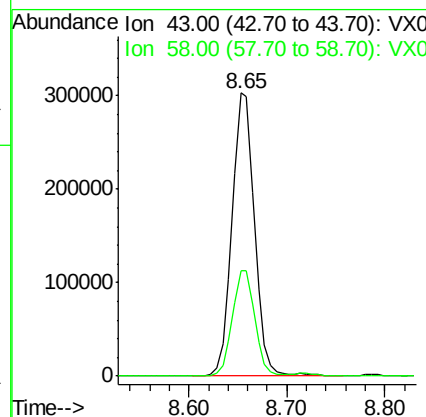
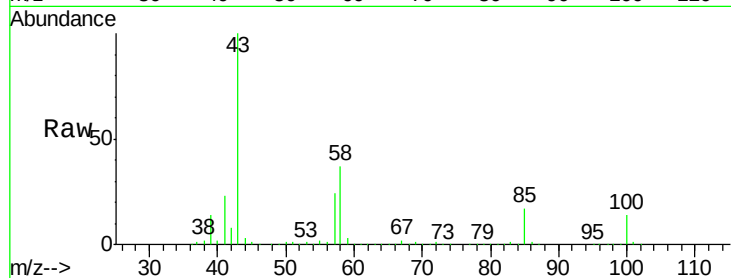
#51
4-Methyl-2-Pentanone
Concen: 107.73 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampled :
VX0710WBSD02

Tot Ion	43	Resp	483752
Ion Ratio	100	Lower	Upper
58	37.1	28.6	42.8

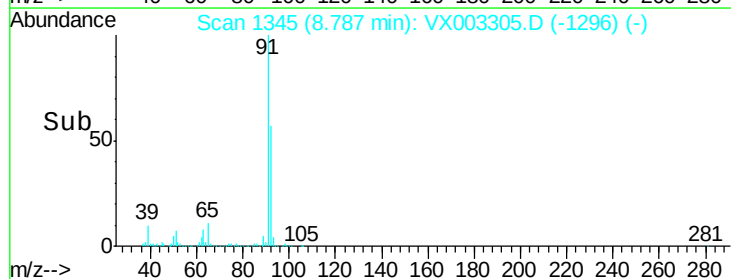
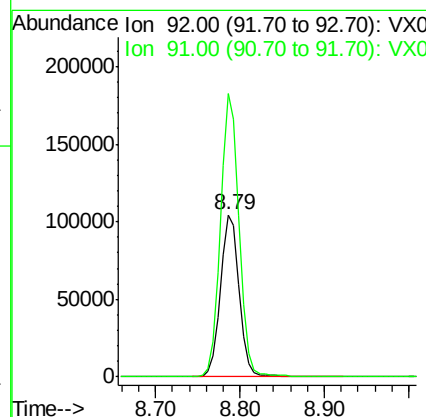
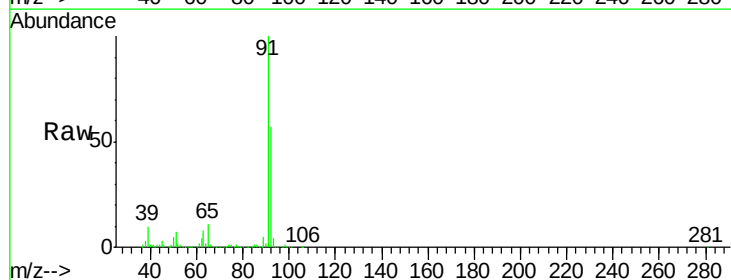
Manual Integrations
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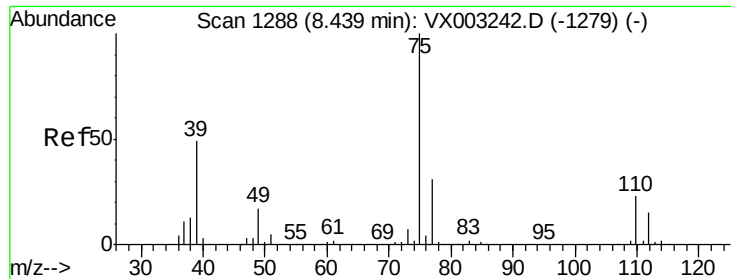
MMDadoda
7/11/2018 3:09:31 PM



#52
Toluene
Concen: 20.51 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	92	Resp	160980
Ion Ratio	100	Lower	Upper
91	173.2	140.4	210.6





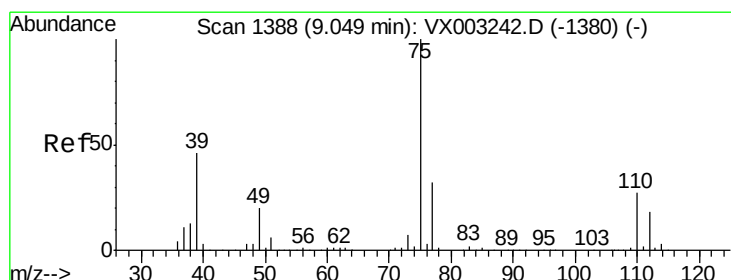
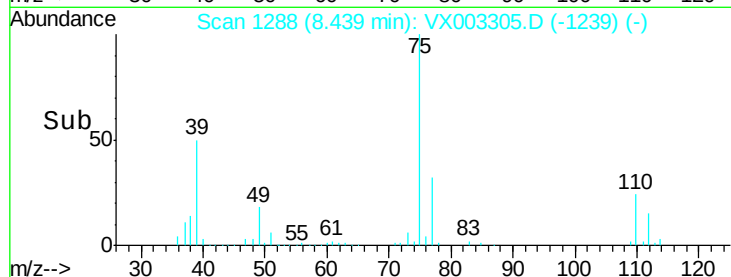
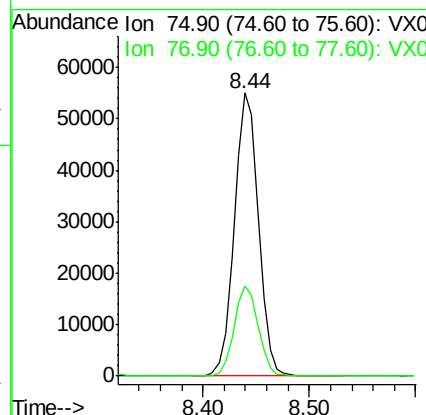
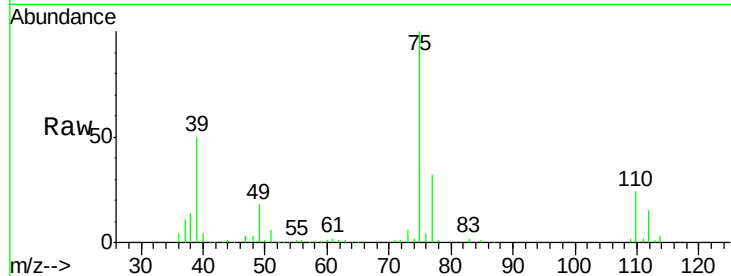
#53
t-1,3-Dichloropropene
Concen: 18.28 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 75 Resp: 87344
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

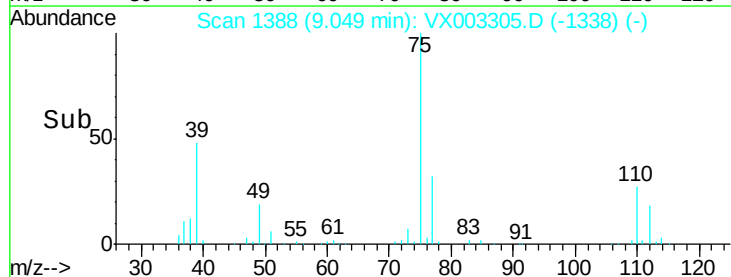
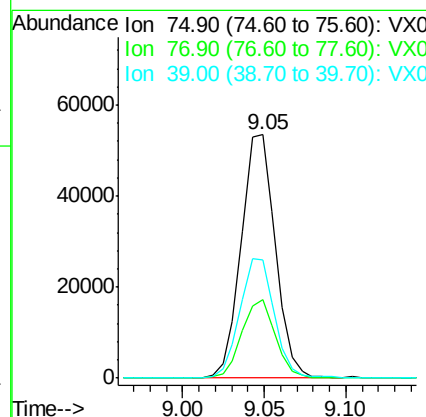
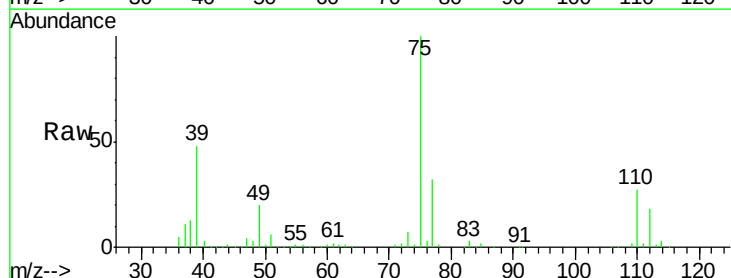
Manual Integrations
APPROVED

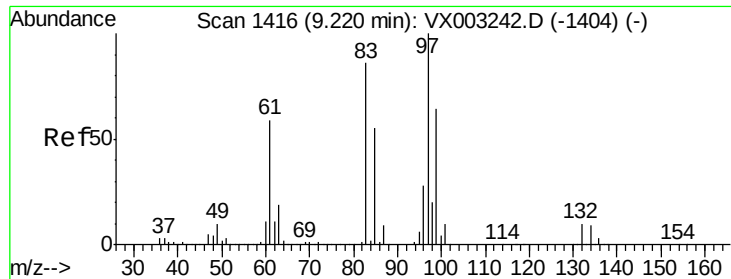
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.03 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 75 Resp: 78404
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 48.0 42.4 63.6





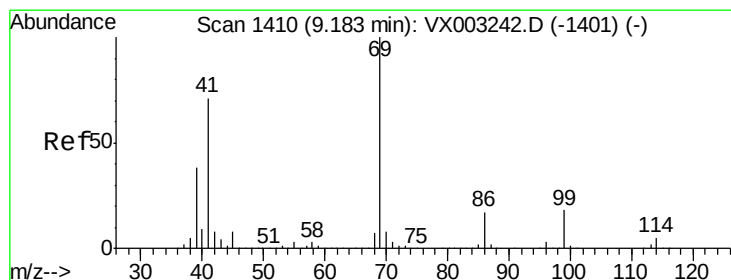
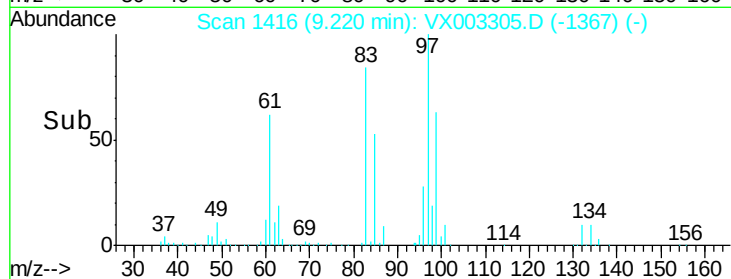
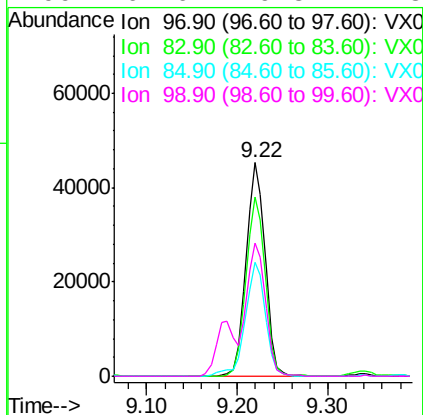
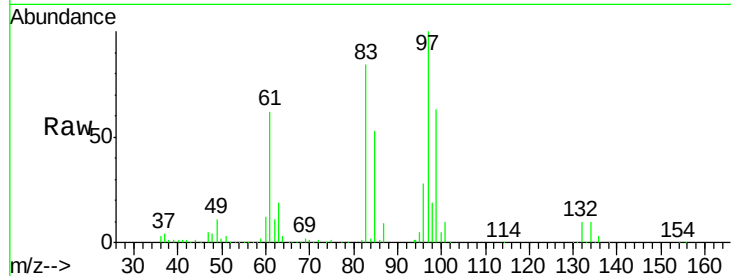
#55
 1,1,2-Trichloroethane
 Concen: 20.28 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion:	97	Resp:	66024
Ion	Ratio	Lower	Upper
97	100		
83	83.8	70.2	105.2
85	53.3	44.9	67.3
99	62.6	49.8	74.8

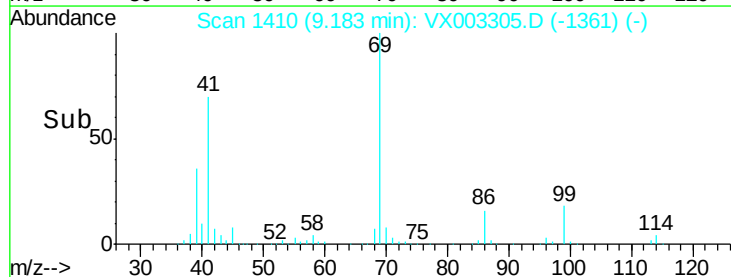
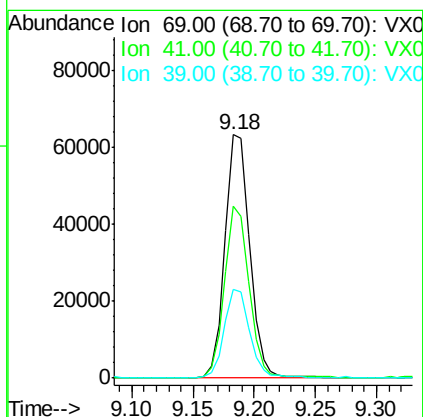
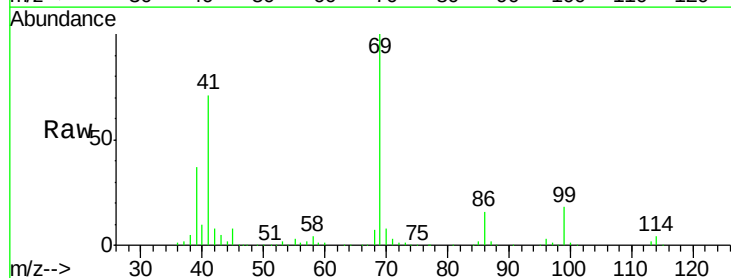
Manual Integrations
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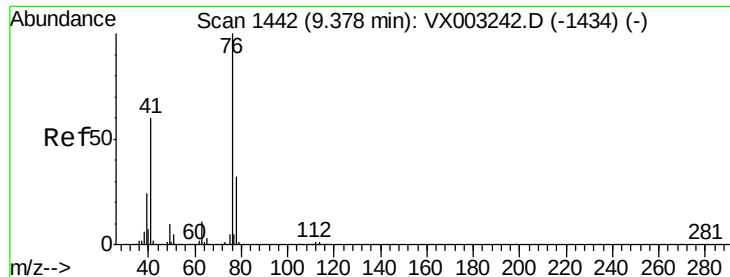
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#56
 Ethyl methacrylate
 Concen: 20.04 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion:	69	Resp:	89362
Ion	Ratio	Lower	Upper
69	100		
41	69.3	60.3	90.5
39	37.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.33 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 76 Resp: 106617

Ion Ratio Lower Upper

76 100

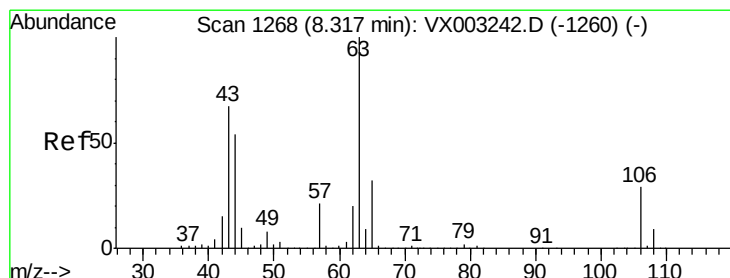
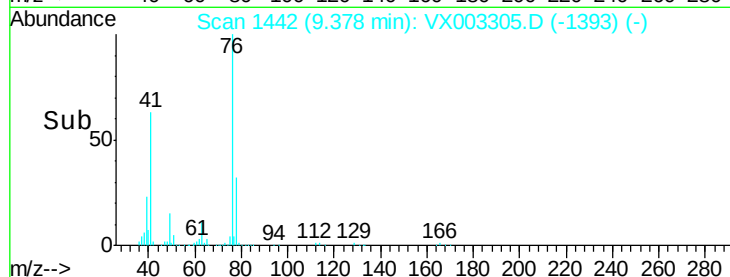
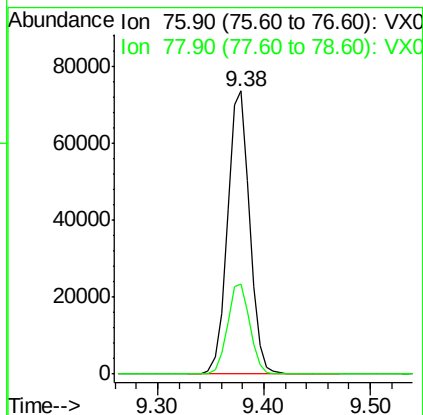
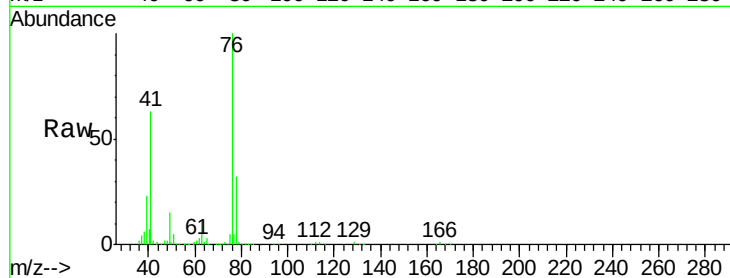
78 32.4 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 105.42 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003305.D

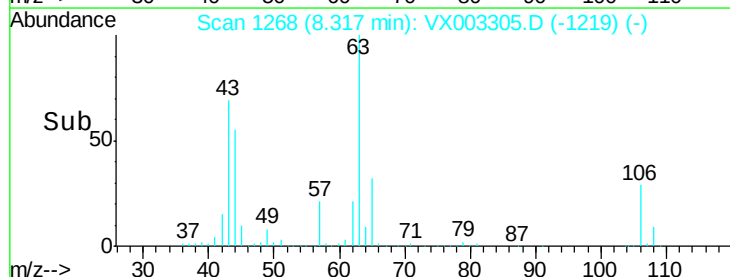
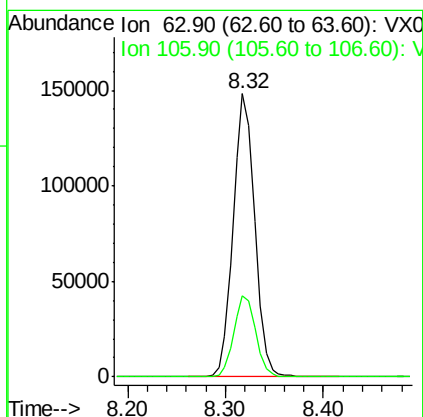
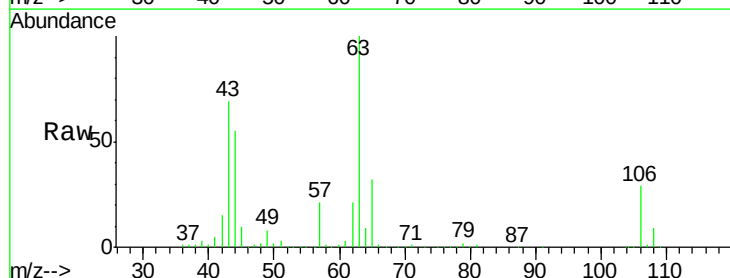
Acq: 11 Jul 2018 01:30

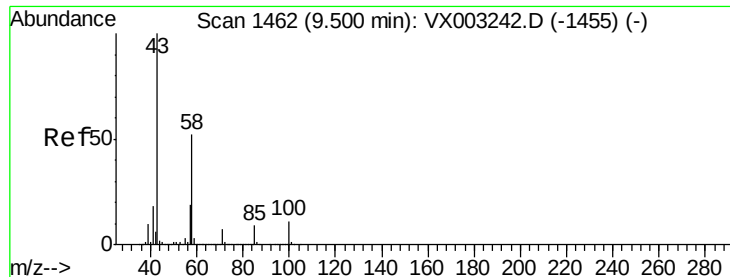
Tgt Ion: 63 Resp: 226805

Ion Ratio Lower Upper

63 100

106 29.1 21.8 32.8





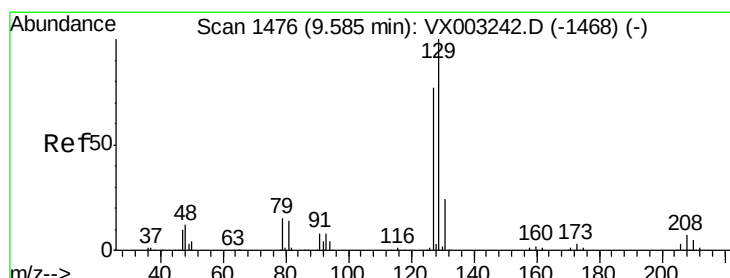
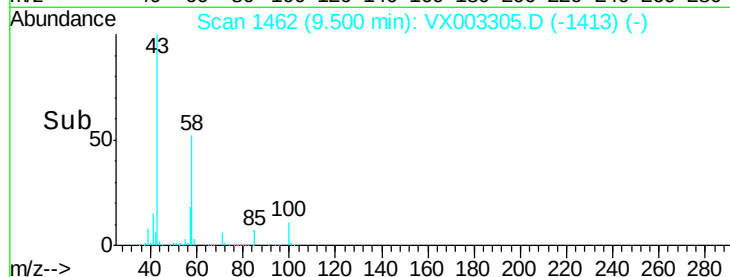
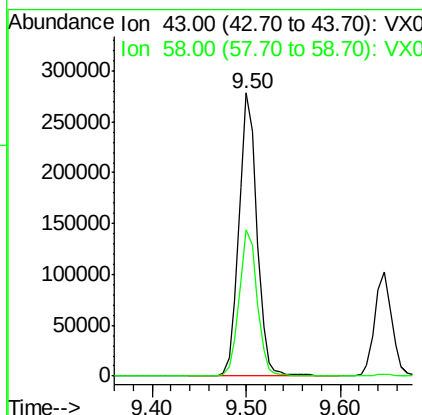
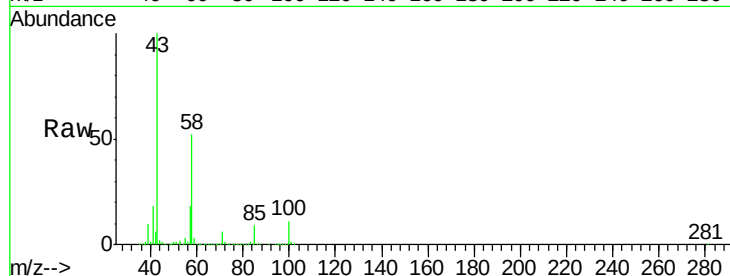
#59
2-Hexanone
Concen: 108.51 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 43 Resp: 370097
Ion Ratio Lower Upper
43 100
58 52.0 24.6 73.6

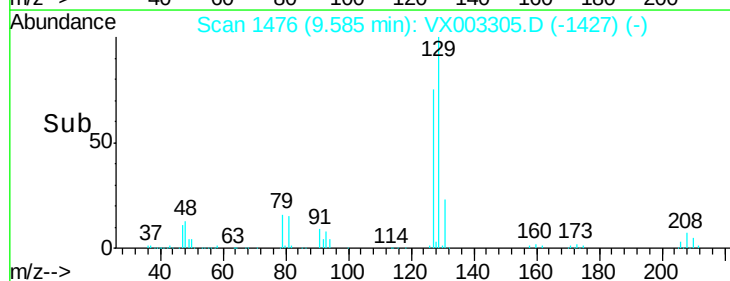
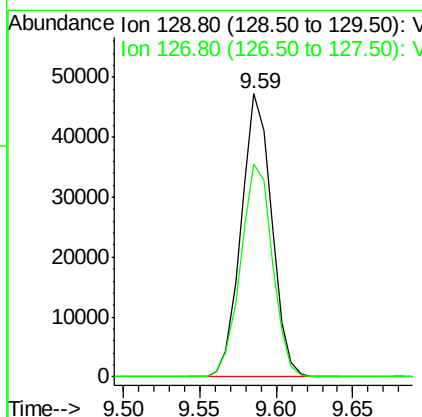
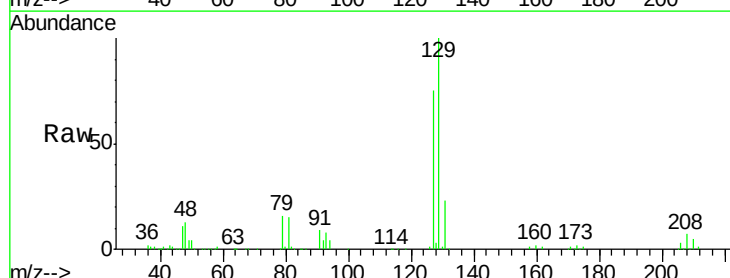
Manual Integrations
APPROVED

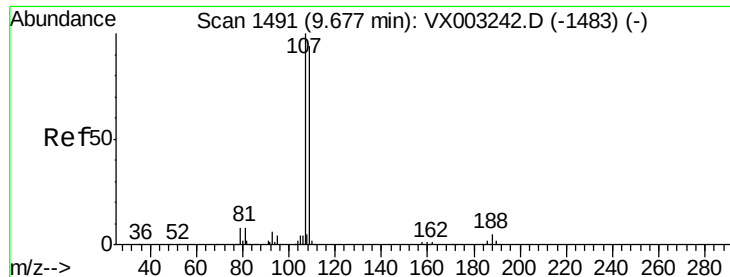
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7/11/2018 3:09:31 PM



#60
Dibromochloromethane
Concen: 19.22 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 129 Resp: 65336
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





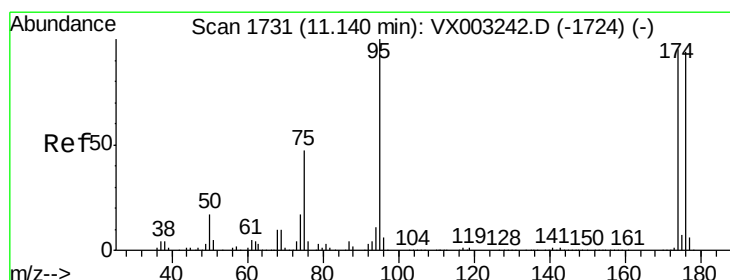
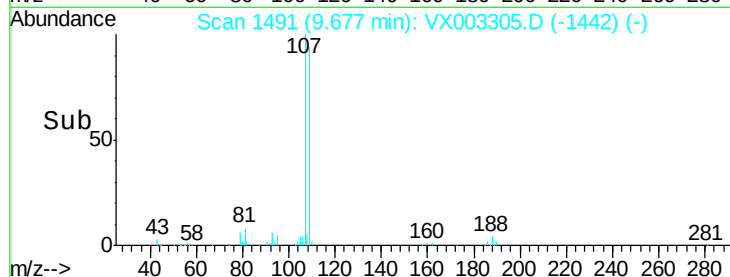
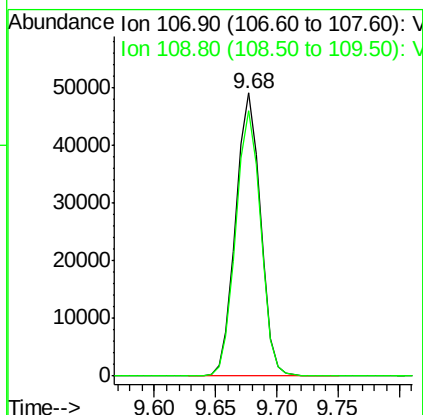
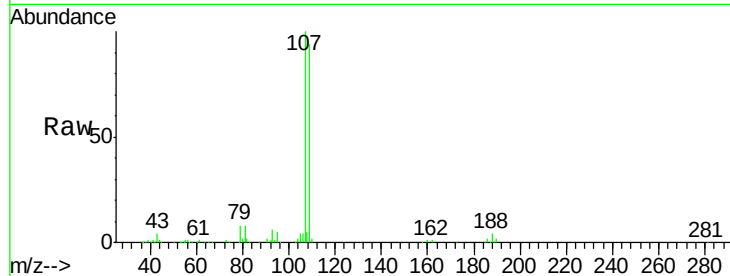
#61
 1,2-Dibromoethane
 Concen: 20.15 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion:107 Resp: 68764
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.3 112.9

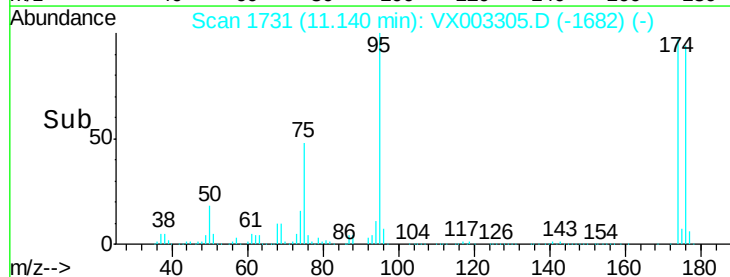
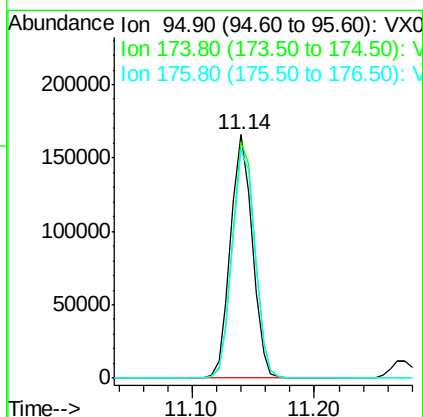
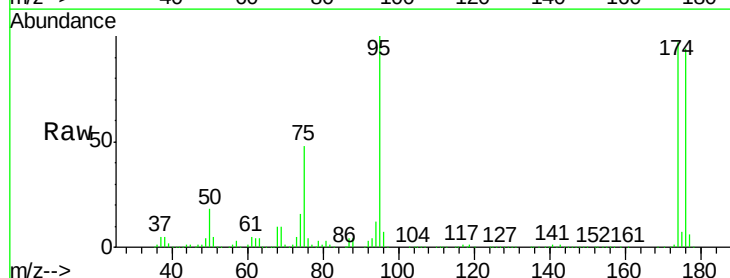
Manual Integrations
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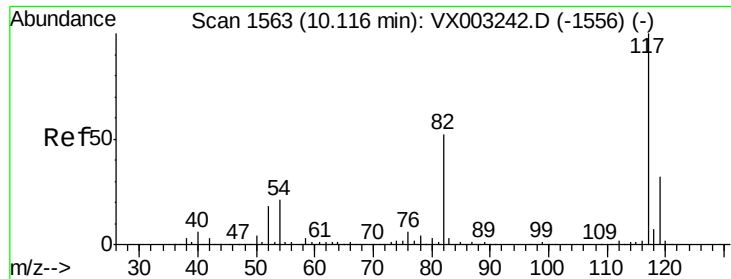
MMDadoda
 7/11/2018 3:09:31 PM



#62
 4-Bromofluorobenzene
 Concen: 48.95 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion: 95 Resp: 204292
 Ion Ratio Lower Upper
 95 100
 174 100.1 0.0 187.4
 176 97.2 0.0 181.0





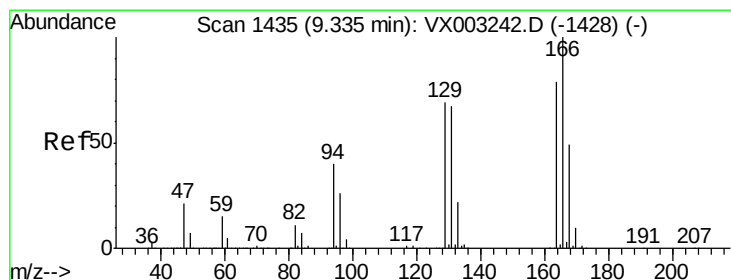
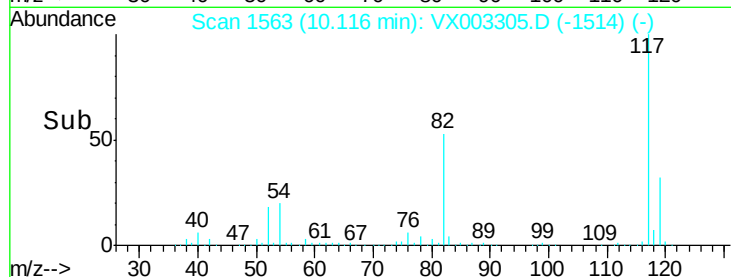
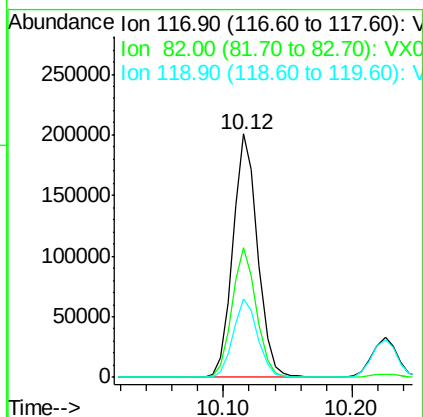
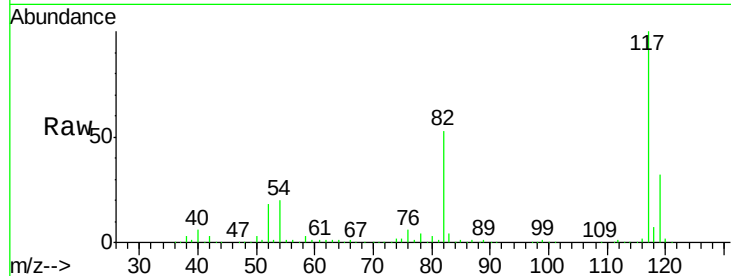
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	32.2	25.8	38.6

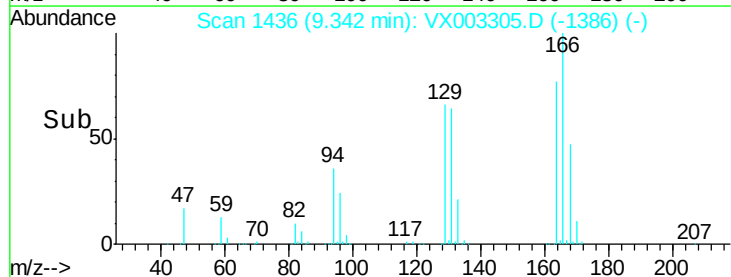
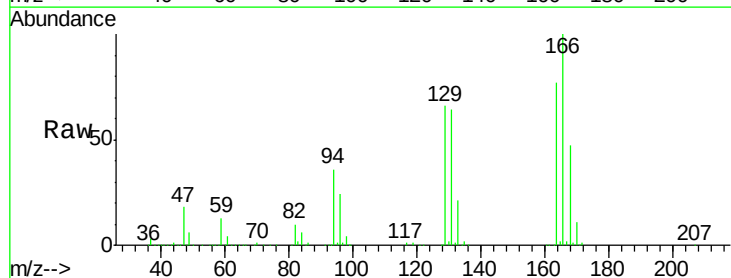
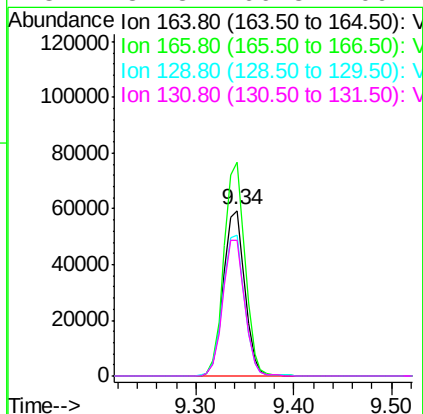
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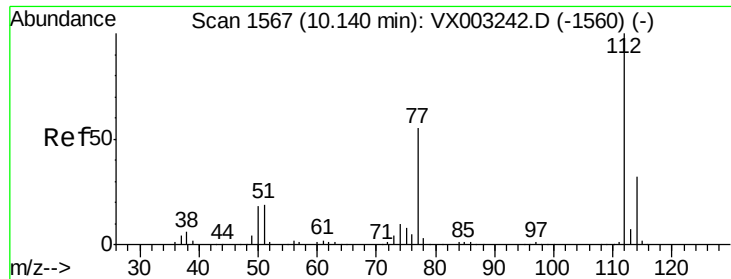
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#64
Tetrachloroethene
Concen: 22.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.9	154.3
129	85.5	68.6	102.8
131	82.3	66.8	100.2





#65

Chlorobenzene

Concen: 20.25 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion:112 Resp: 184841

Ion Ratio Lower Upper

112 100

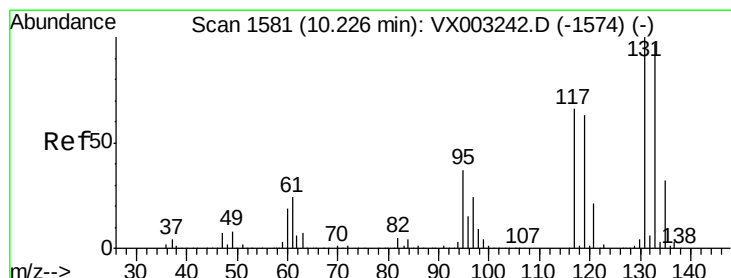
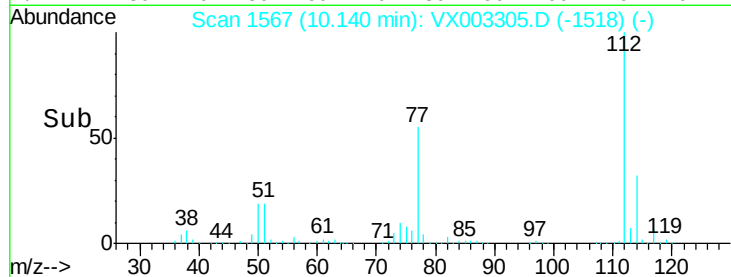
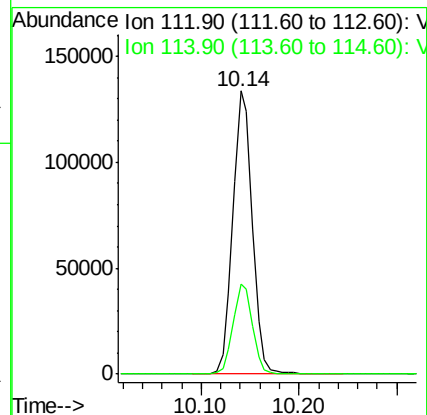
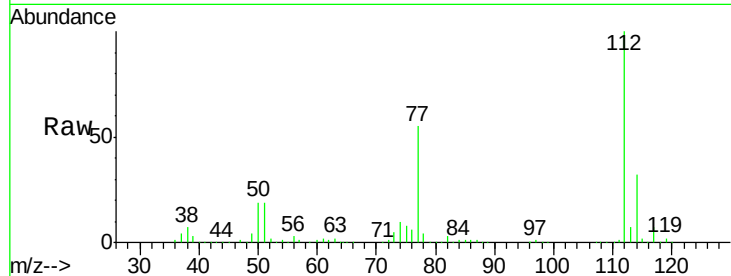
114 32.1 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.76 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

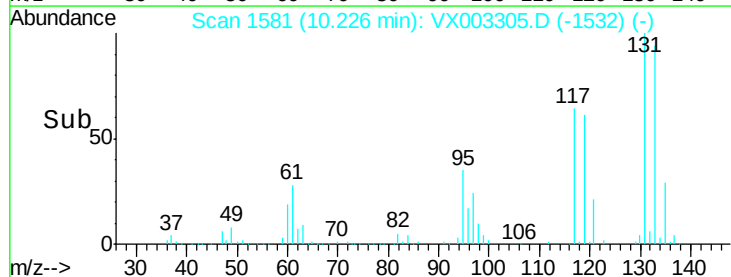
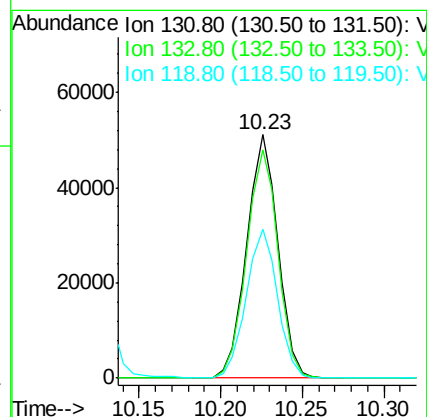
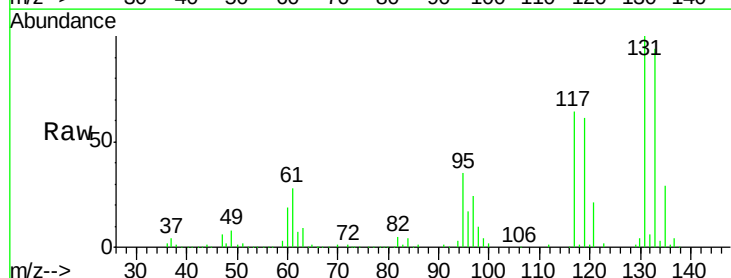
Tgt Ion:131 Resp: 68352

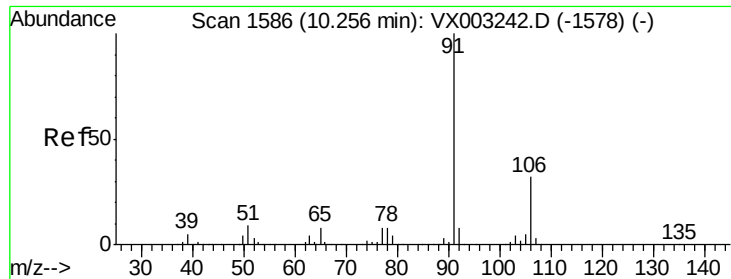
Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.6

119 61.5 31.8 95.3





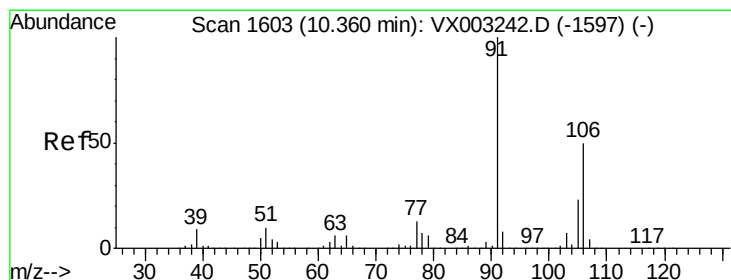
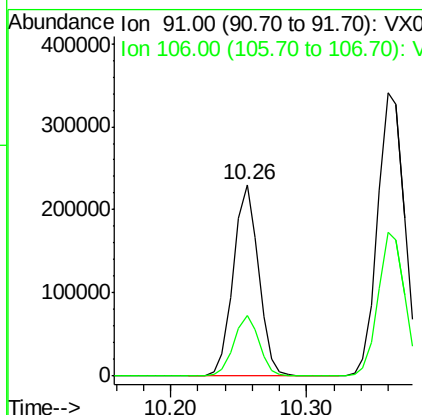
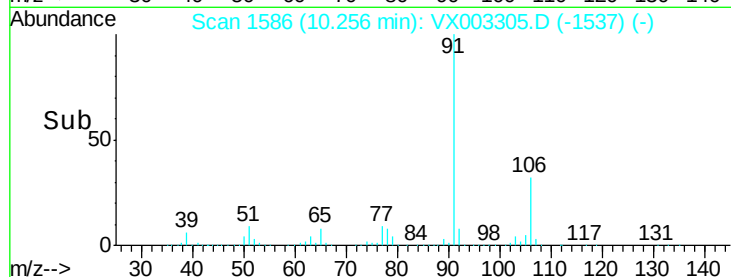
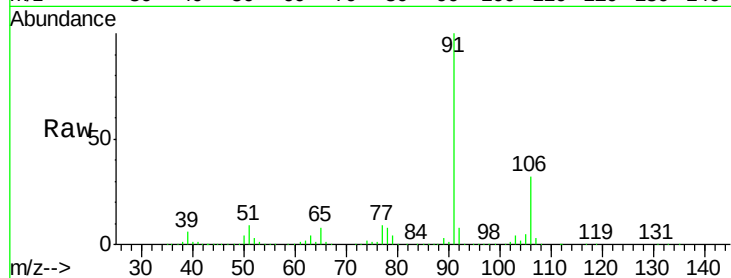
#67
Ethyl Benzene
Concen: 20.22 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 91 Resp: 298481
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

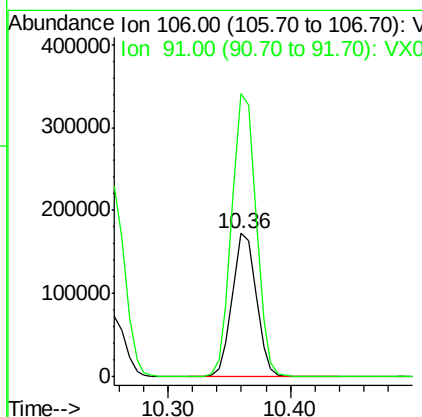
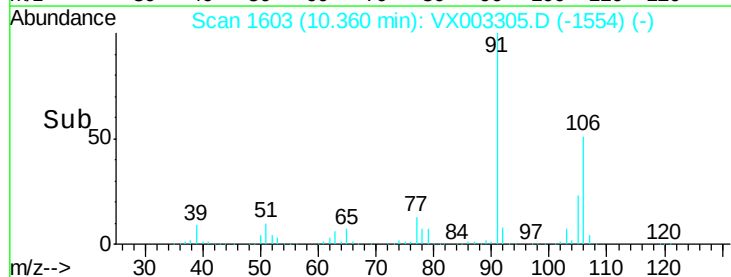
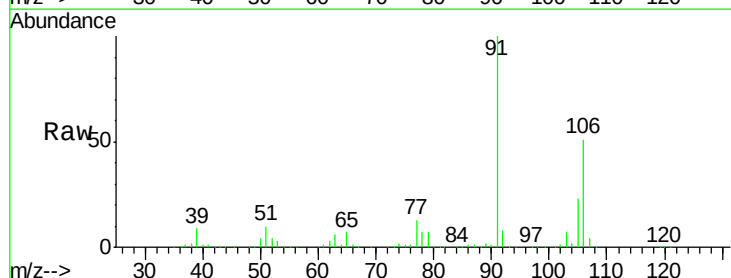
Manual Integrations
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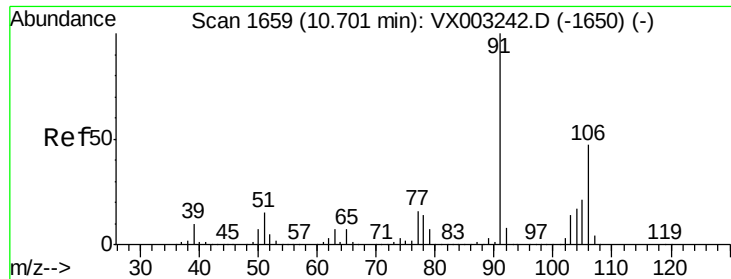
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#68
m/p-Xylenes
Concen: 40.86 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 106 Resp: 234629
Ion Ratio Lower Upper
106 100
91 201.1 163.4 245.2





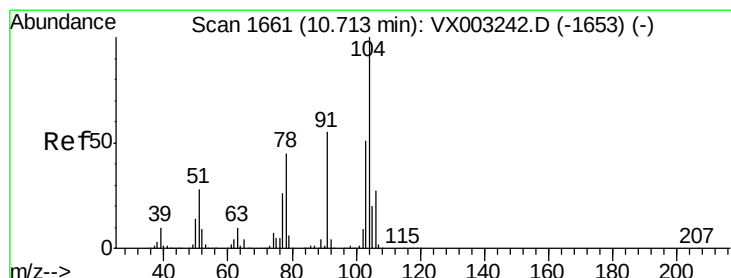
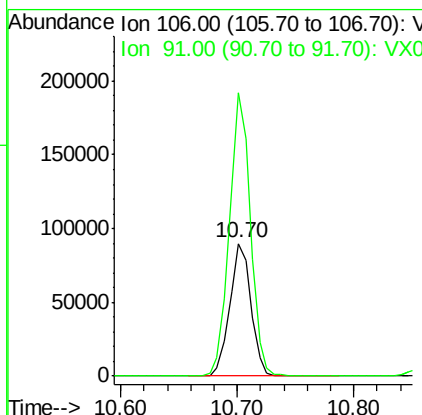
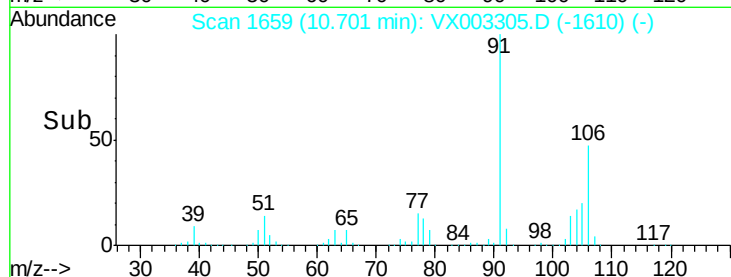
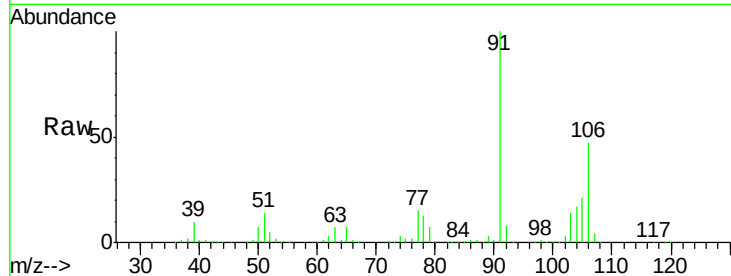
#69
o-Xylene
Concen: 20.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion:106 Resp: 114114
Ion Ratio Lower Upper
106 100
91 212.1 108.2 324.6

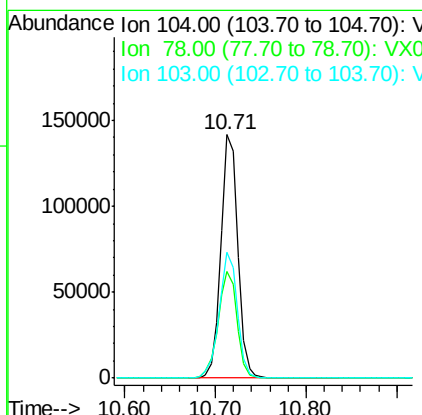
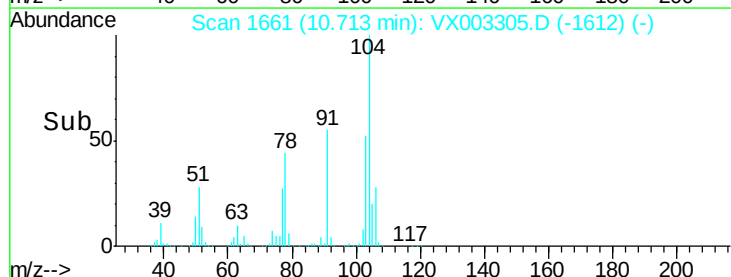
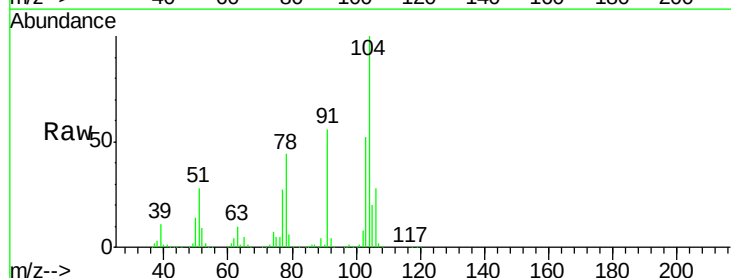
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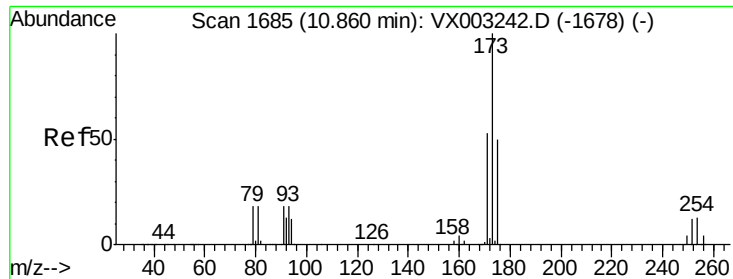
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#70
Styrene
Concen: 20.60 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion:104 Resp: 185795
Ion Ratio Lower Upper
104 100
78 48.9 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 18.94 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampled :

VX0710WBSD02

Tot Ion:173 Resp: 51309

Ion Ratio Lower Upper

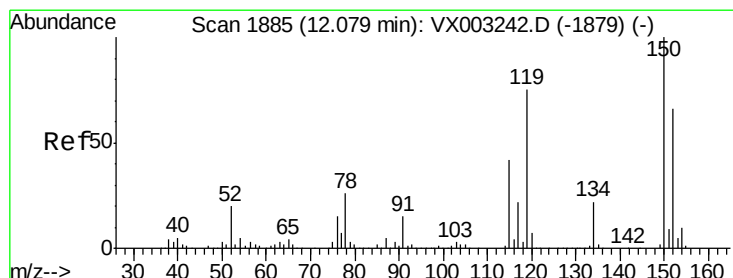
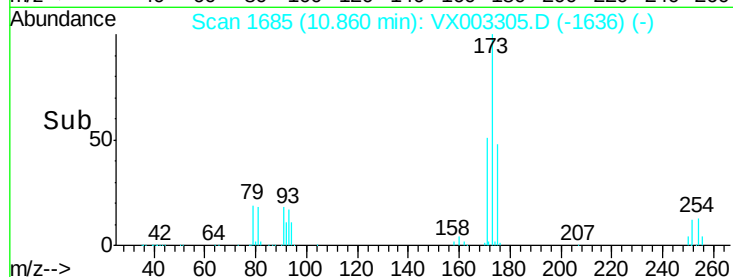
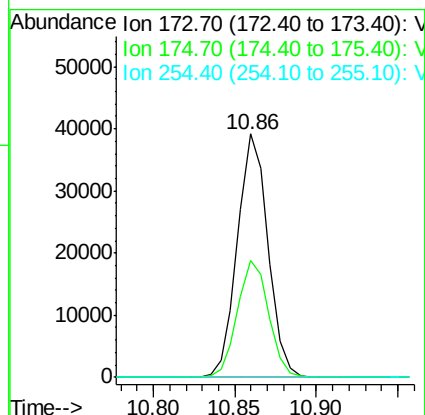
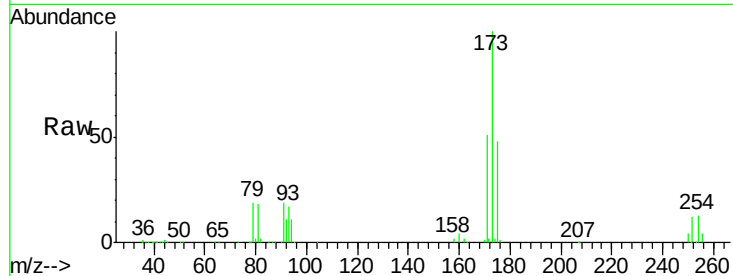
173 100

175 49.3 24.7 74.1

254 0.0 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

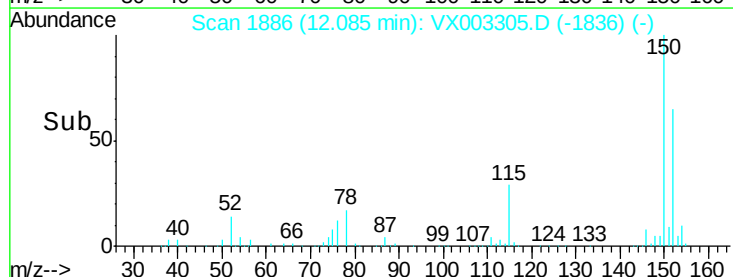
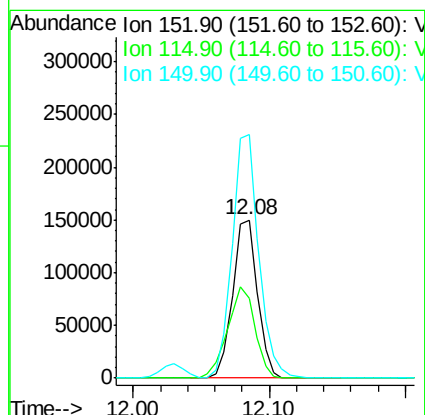
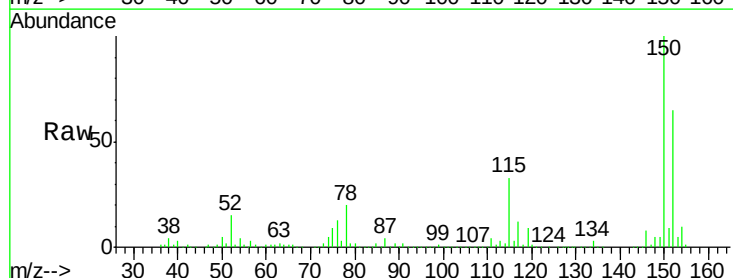
Tgt Ion:152 Resp: 189521

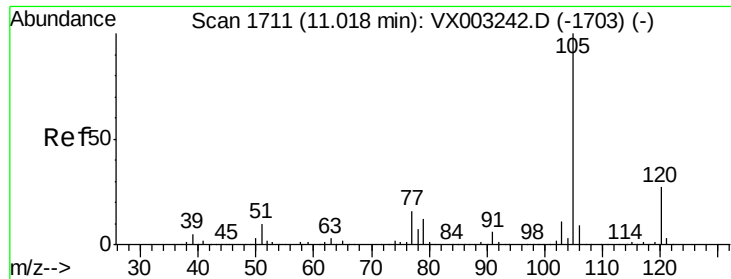
Ion Ratio Lower Upper

152 100

115 64.2 40.1 120.2

150 165.5 0.0 347.2





#73

Isopropylbenzene

Concen: 20.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion:105 Resp: 311618

Ion Ratio Lower Upper

105 100

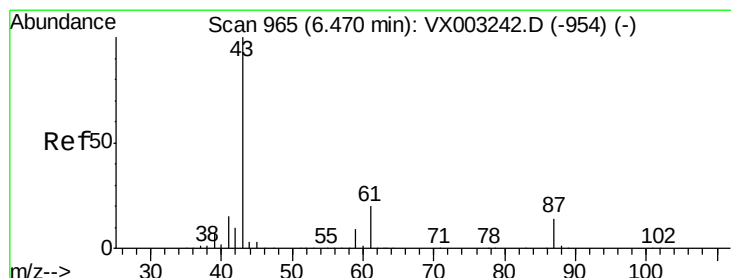
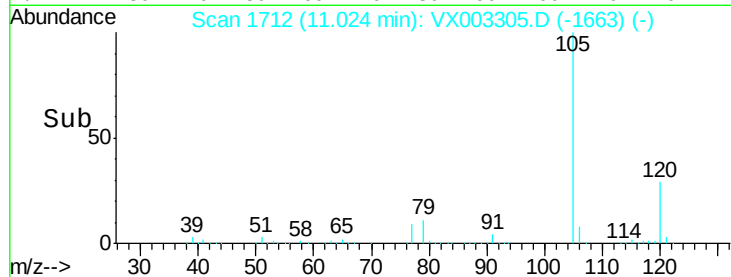
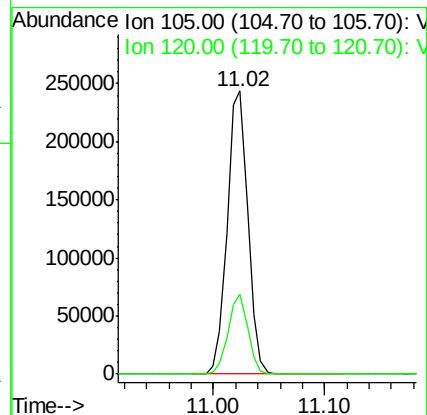
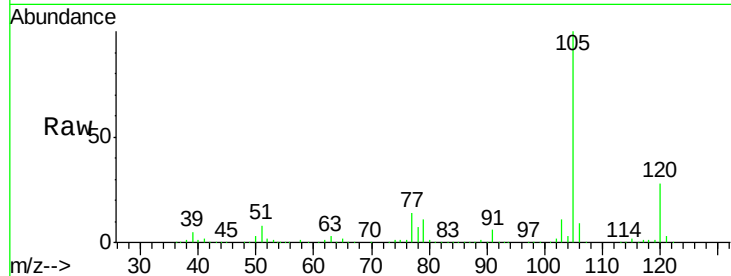
120 27.2 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.60 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Tgt Ion: 43 Resp: 139886

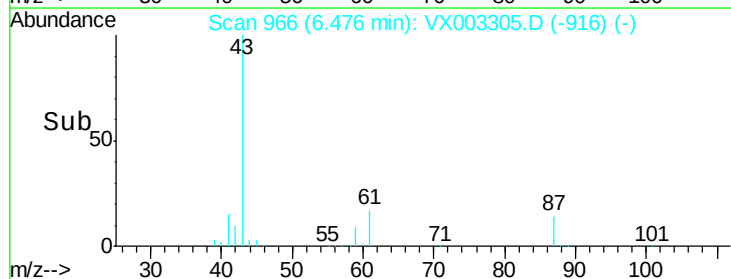
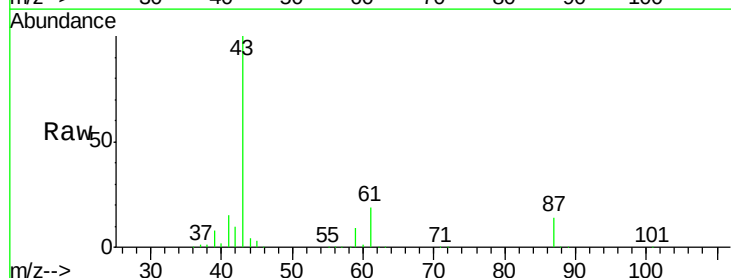
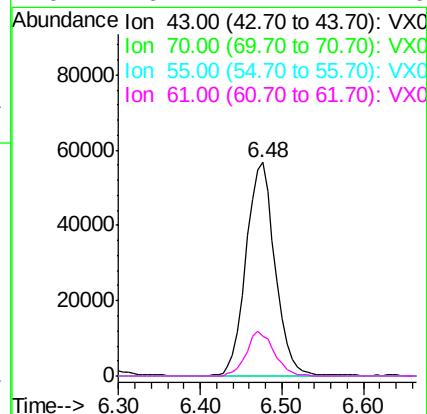
Ion Ratio Lower Upper

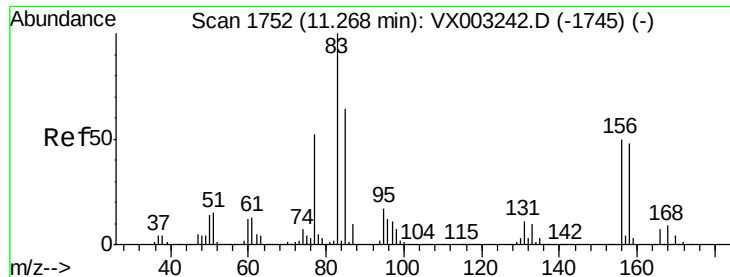
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 20.1 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: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

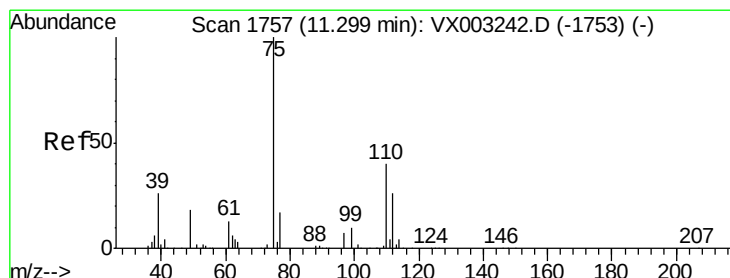
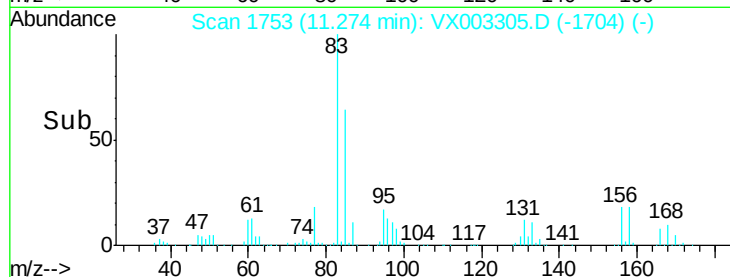
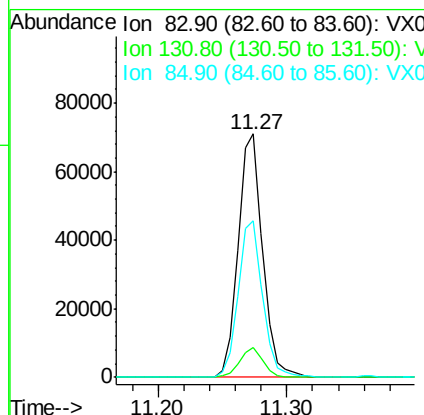
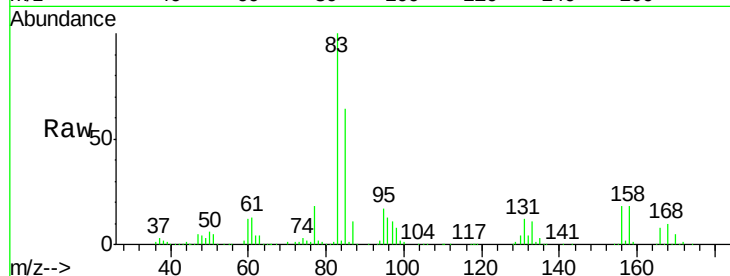
ClientSampleId :

VX0710WBSD02

Tot Ion:	83	Resp:	93927
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	64.3	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 22.23 ug/l m

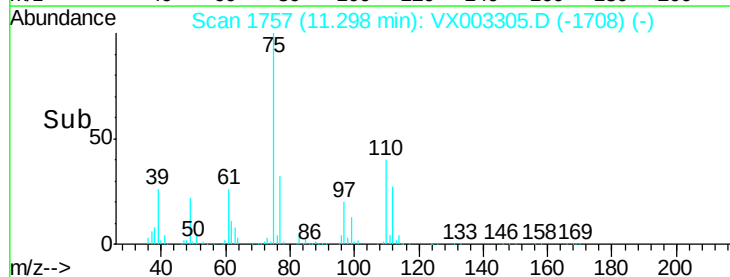
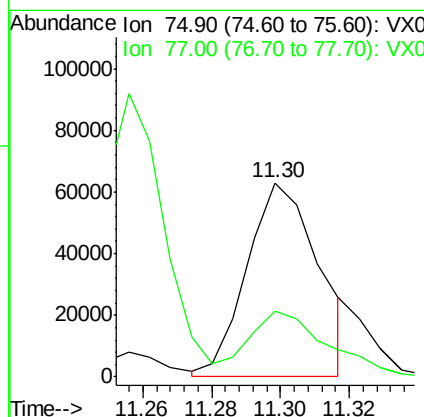
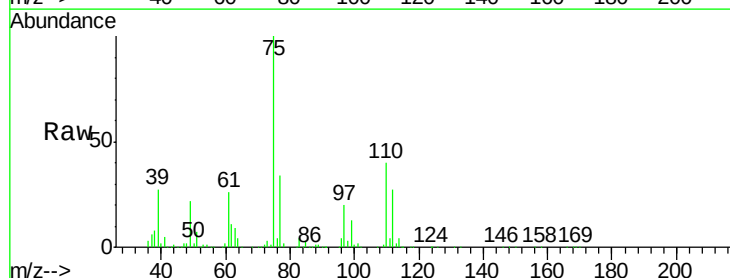
RT: 11.30 min Scan# 1757

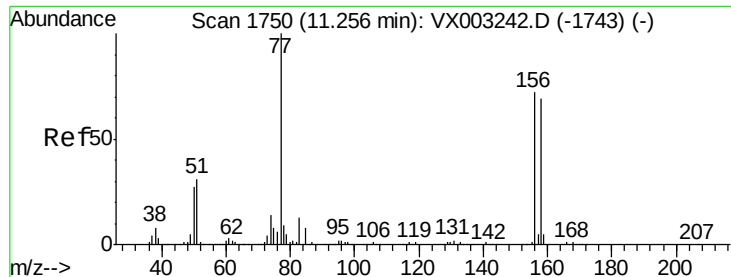
Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Tgt Ion:	75	Resp:	91059
Ion Ratio	Lower	Upper	
75	100		
77	37.2	22.8	68.3





#77

Bromobenzene

Concen: 20.21 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion:156 Resp: 87315

Ion Ratio Lower Upper

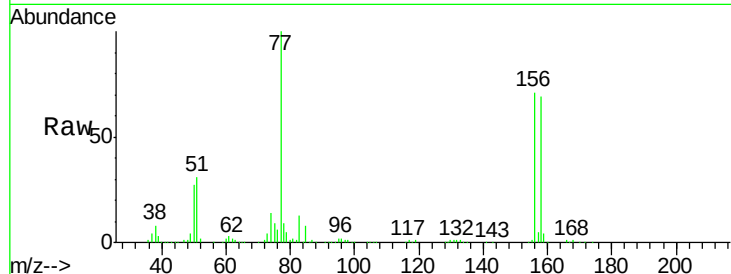
156 100

77 134.0 71.4 214.2

158 97.6 48.9 146.6

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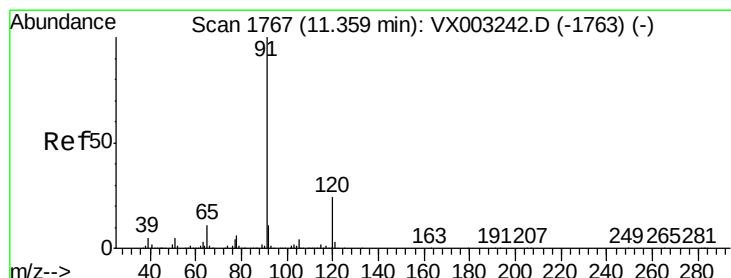
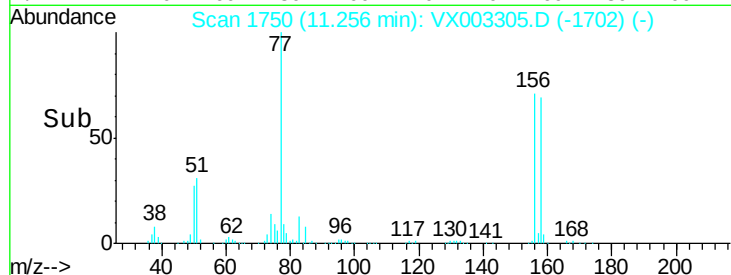
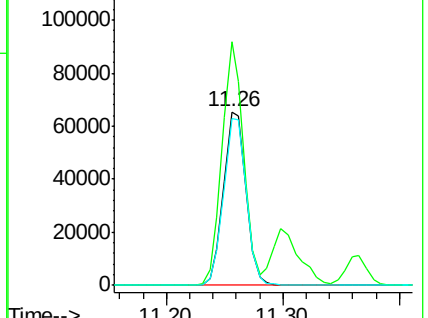
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003305.D

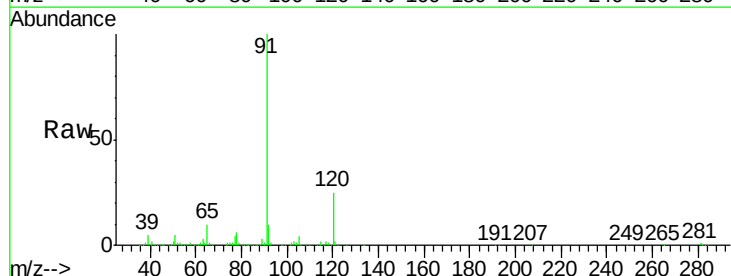
Acq: 11 Jul 2018 01:30

Tgt Ion: 91 Resp: 342973

Ion Ratio Lower Upper

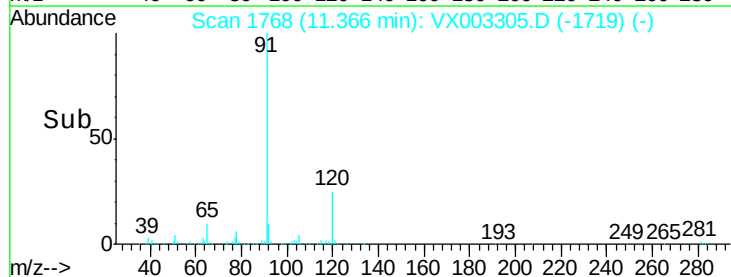
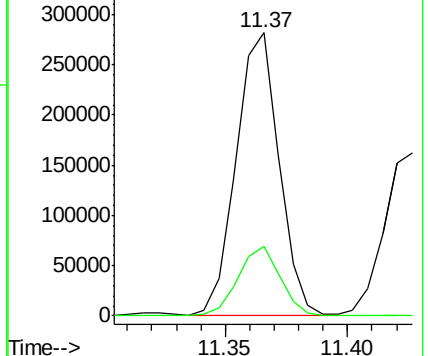
91 100

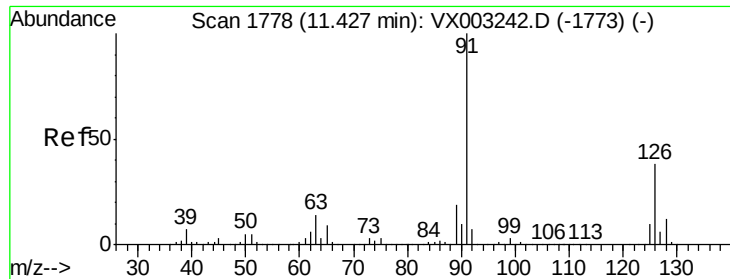
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.53 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion: 91 Resp: 208125

Ion Ratio Lower Upper

91 100

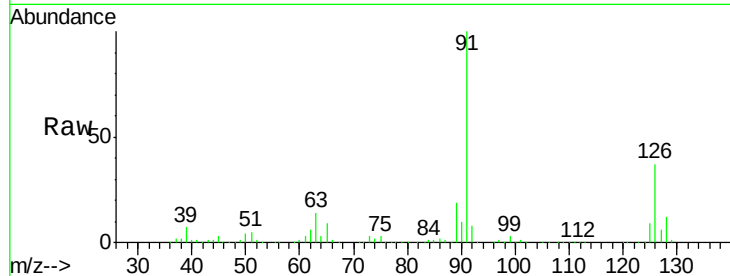
126 36.6 17.7 53.1

Manual Integrations

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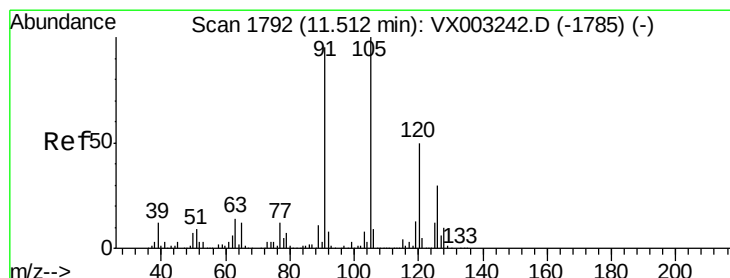
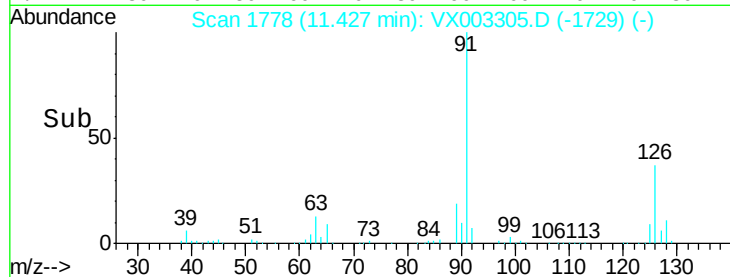
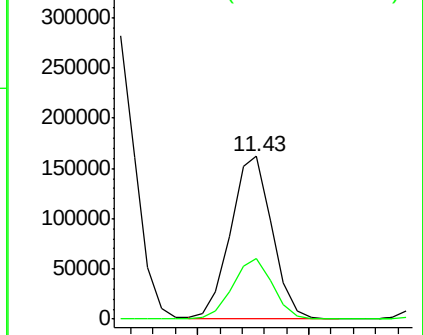
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003305.D

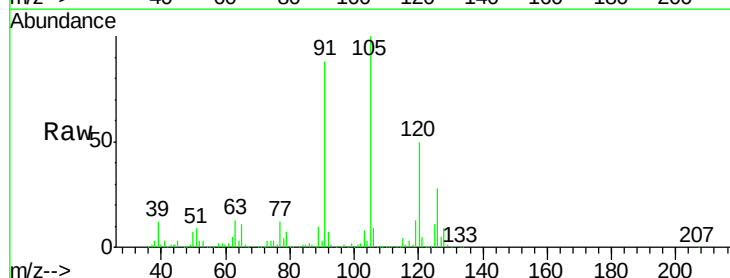
Acq: 11 Jul 2018 01:30

Tgt Ion:105 Resp: 257598

Ion Ratio Lower Upper

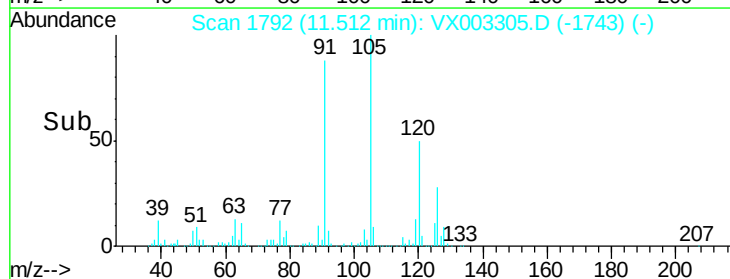
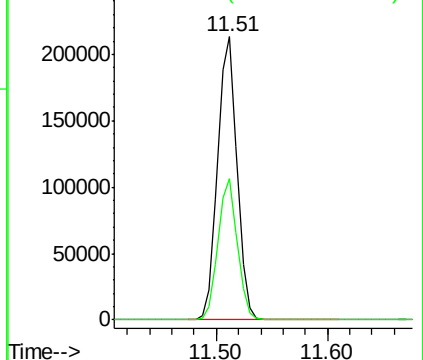
105 100

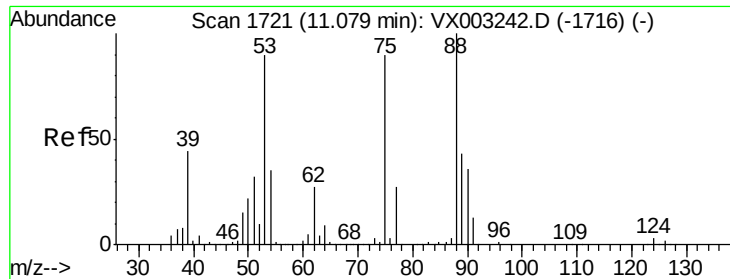
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





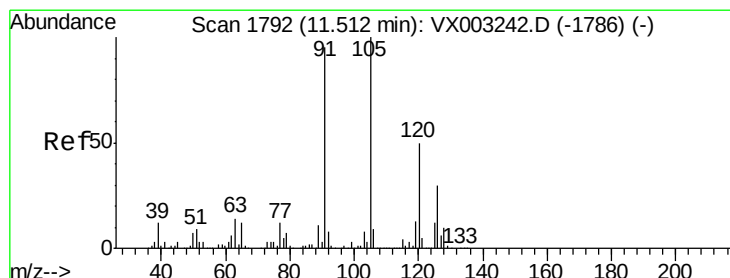
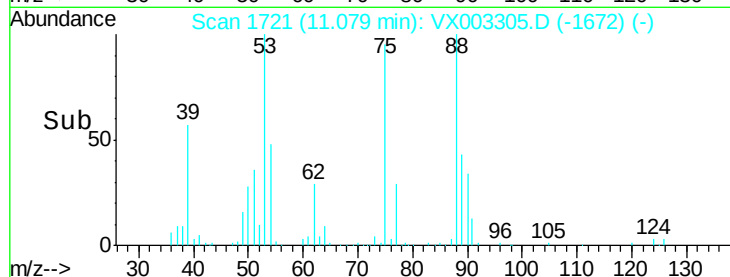
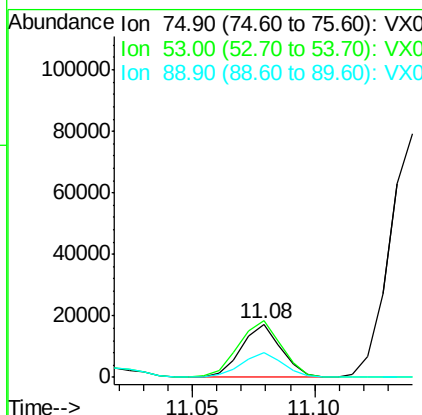
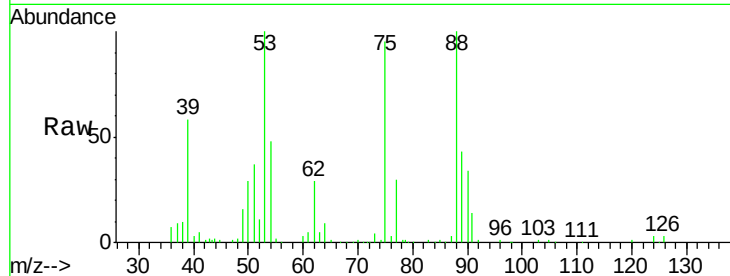
#81
trans-1,4-Dichloro-2-butene
Concen: 15.74 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Tot Ion: 75 Resp: 19728
Ion Ratio Lower Upper
75 100
53 114.4 86.8 130.2
89 48.0 38.2 57.2

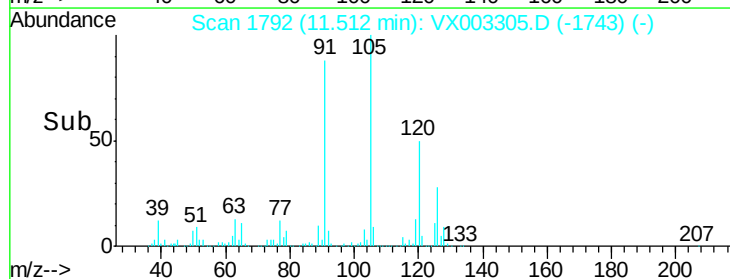
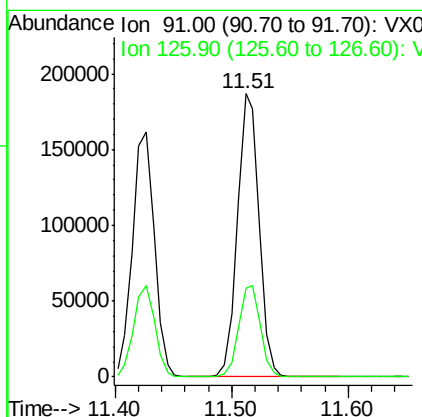
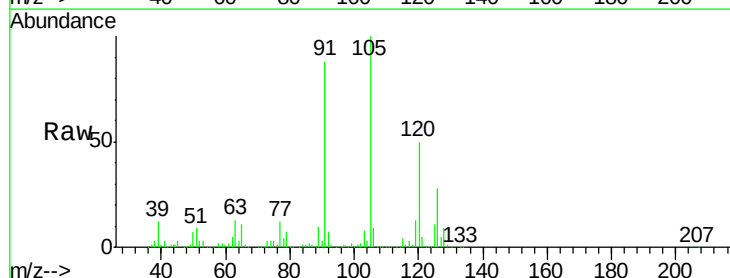
Manual Integrations
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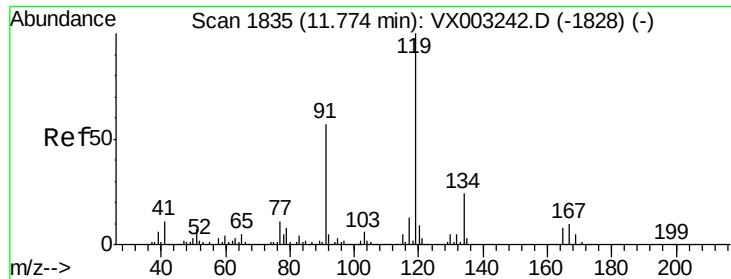
MMDadoda
7/11/2018 3:09:31 PM



#82
4-Chlorotoluene
Concen: 20.44 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion: 91 Resp: 241874
Ion Ratio Lower Upper
91 100
126 32.3 15.4 46.4





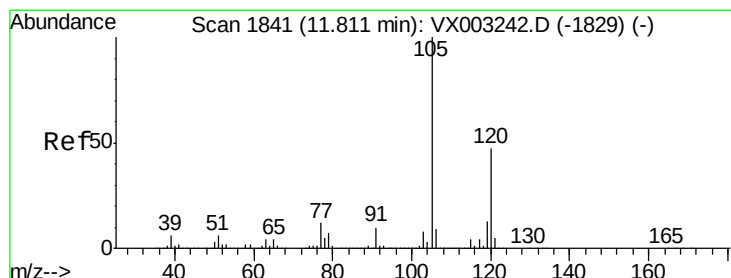
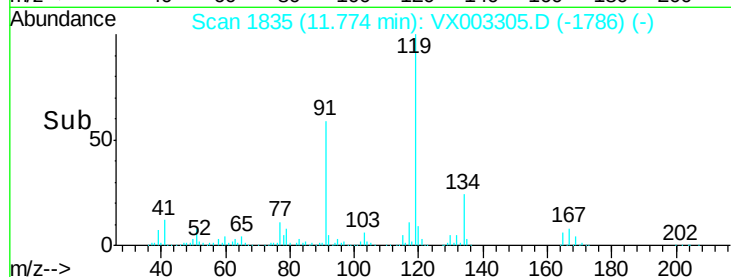
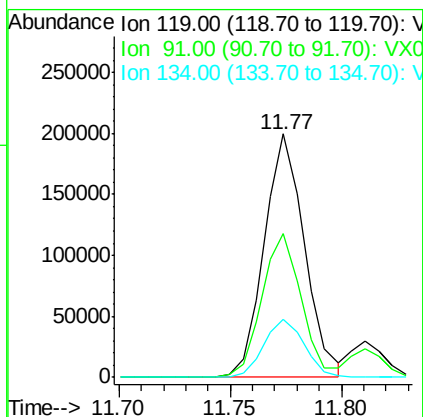
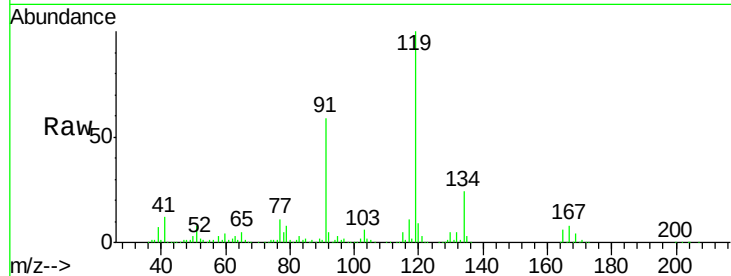
#83
 tert-Butylbenzene
 Concen: 20.13 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	30.3	90.9
134	24.2	11.7	35.1

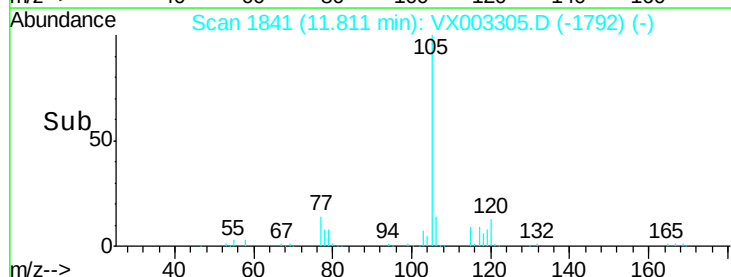
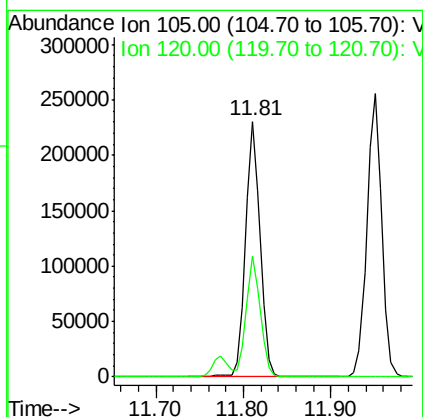
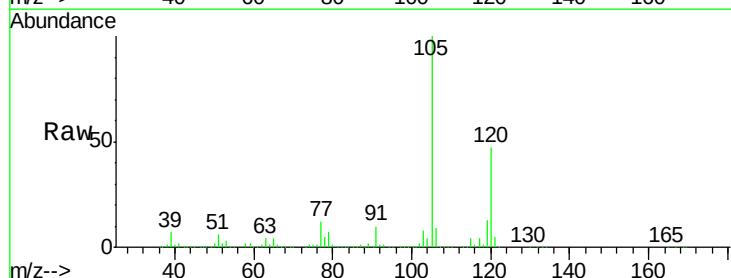
Manual Integrations
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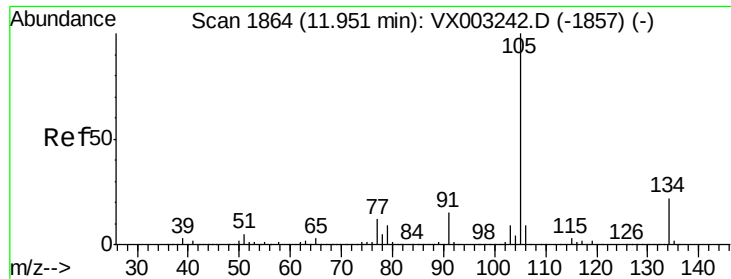
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.94 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.71 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBSD02

Tot Ion:105 Resp: 304680

Ion Ratio Lower Upper

105 100

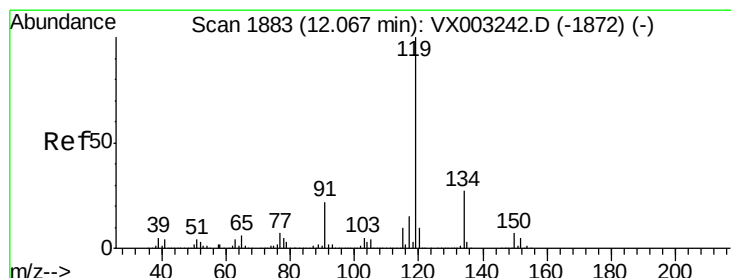
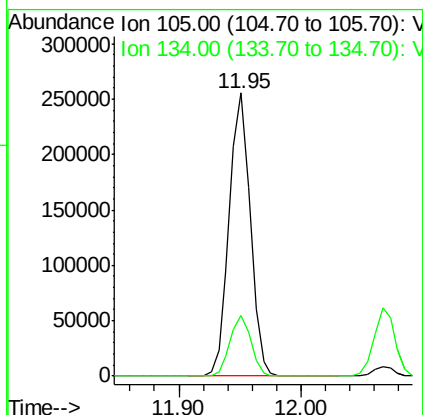
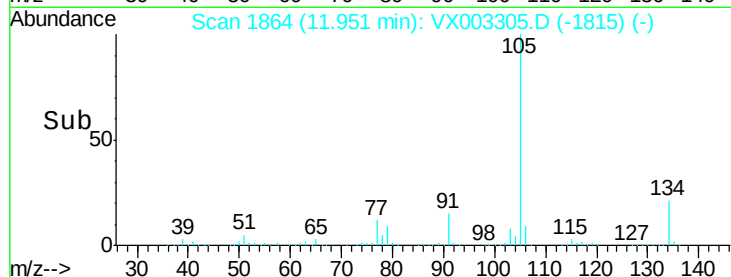
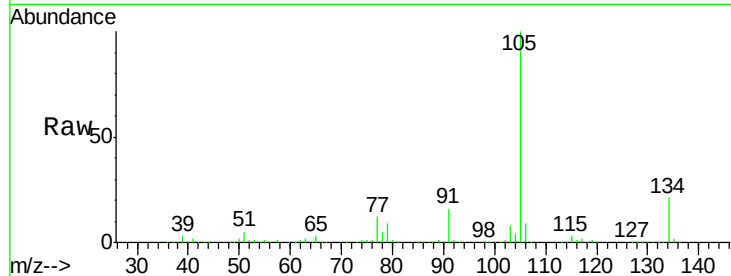
134 21.3 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

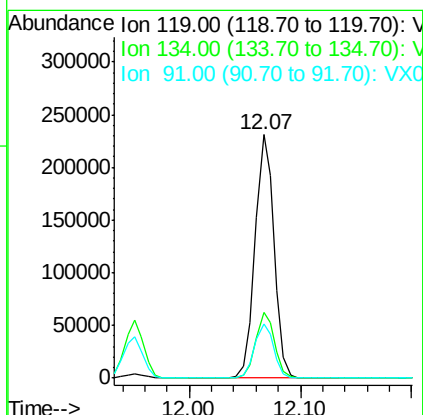
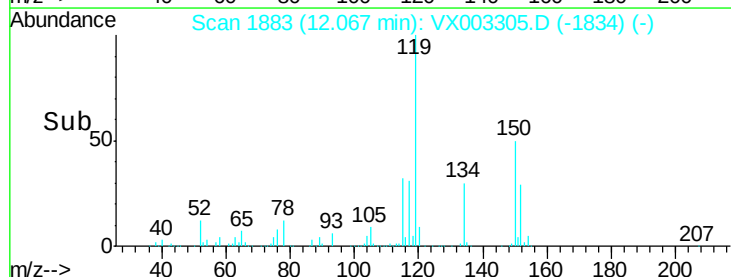
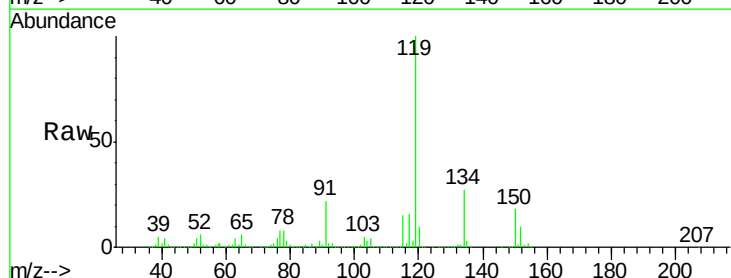
Tgt Ion:119 Resp: 274599

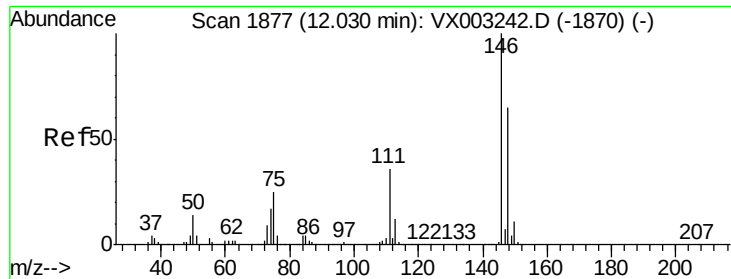
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.4 11.9 35.7





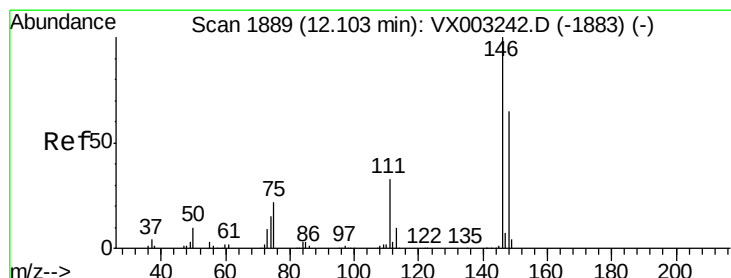
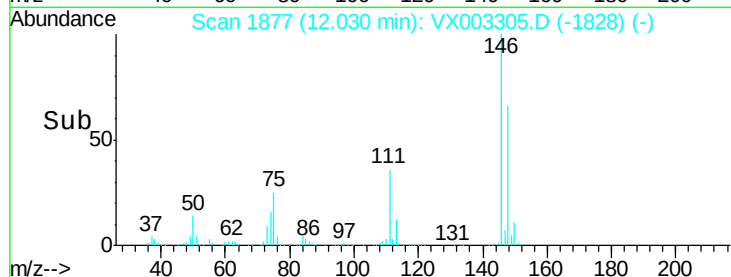
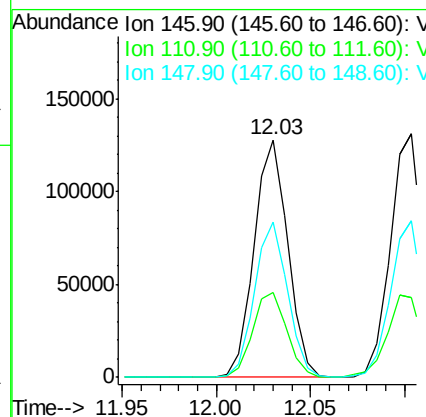
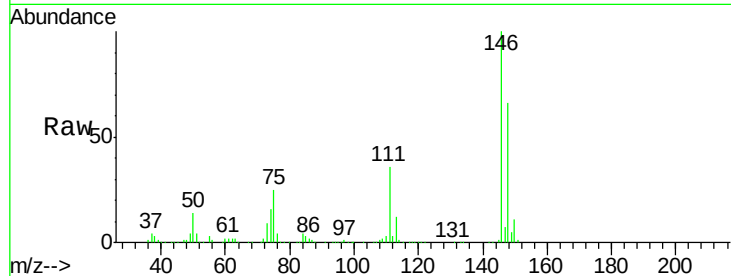
#87
 1,3-Dichlorobenzene
 Concen: 19.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.7
148	64.4	32.1	96.3

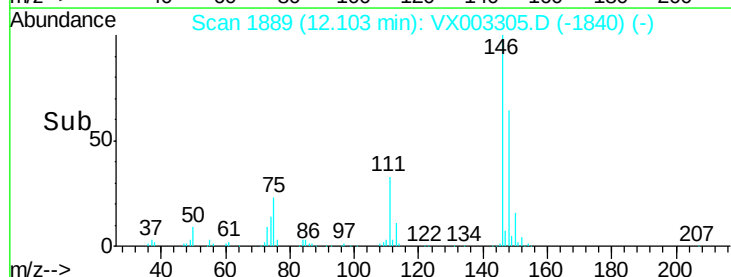
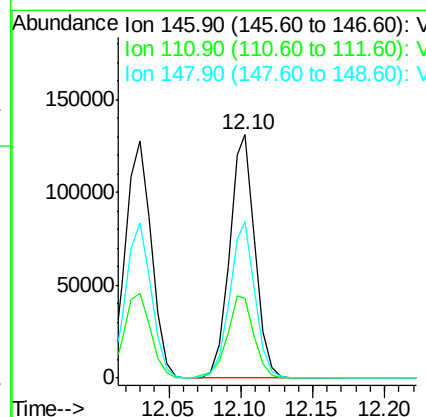
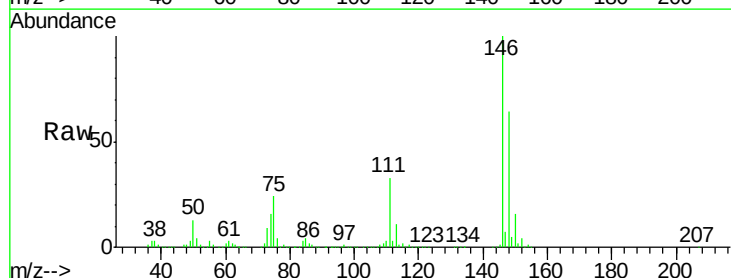
Manual Integrations
 APPROVED

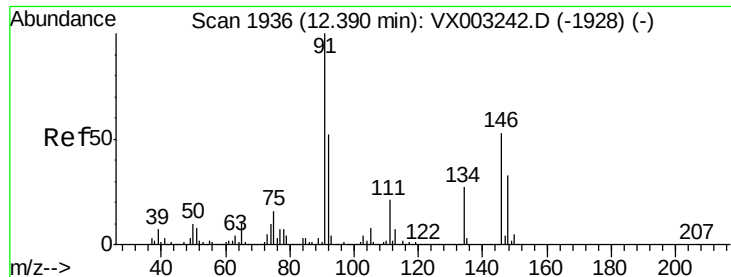
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 7/11/2018 3:09:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.16 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.7	56.1
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 19.49 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Instrument :

MSVOA_X

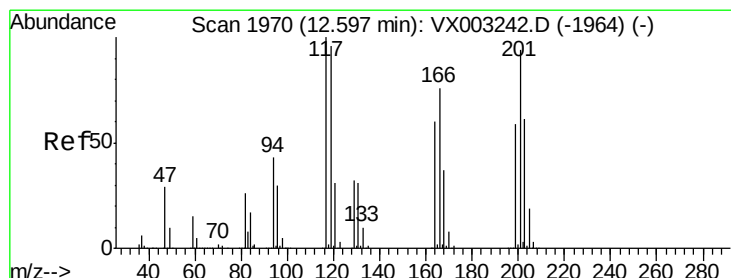
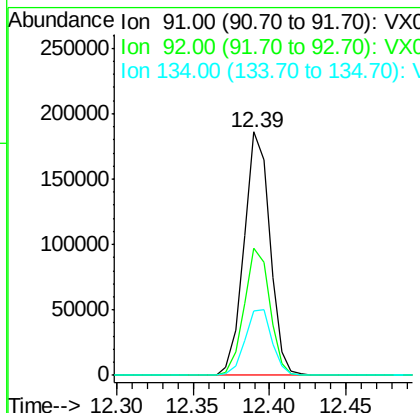
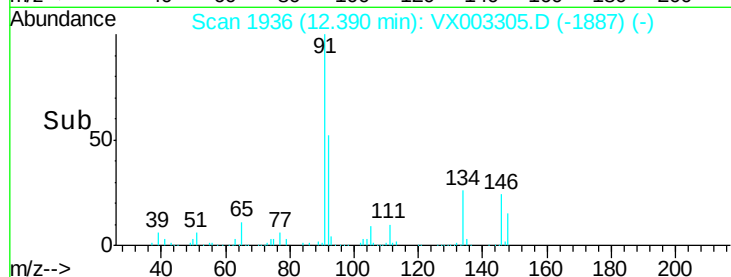
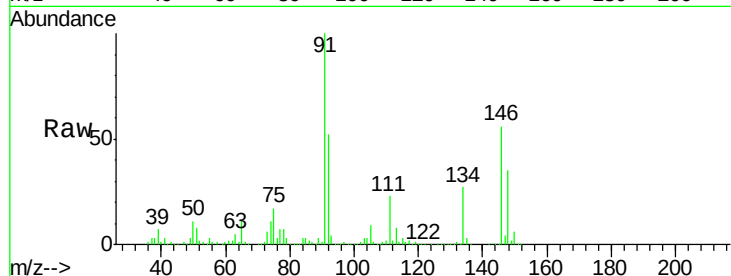
ClientSampleId :

VX0710WBSD02

Tot Ion:	91	Resp:	218251
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.0	78.0
134	28.0	13.5	40.5

Manual Integrations
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#90

Hexachloroethane

Concen: 17.78 ug/l

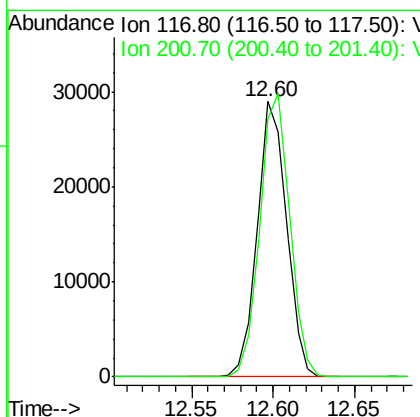
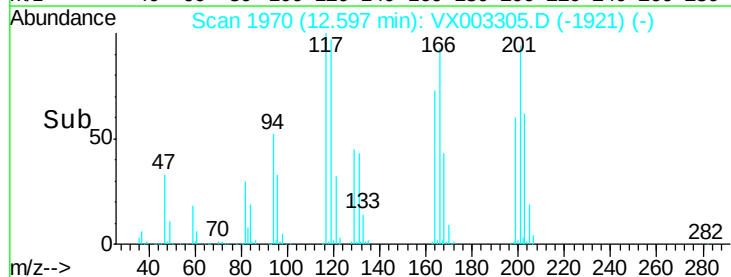
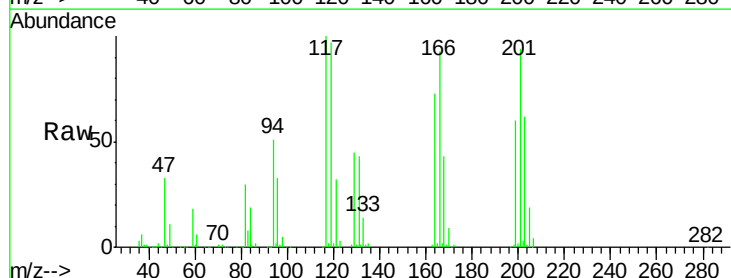
RT: 12.60 min Scan# 1970

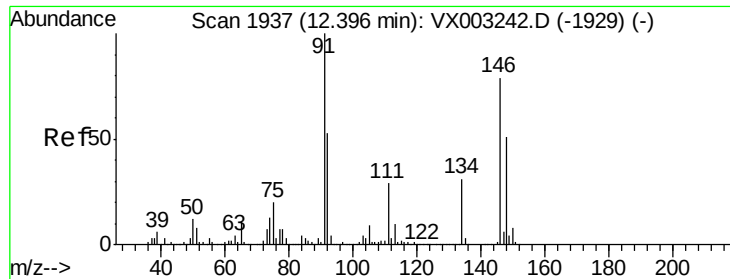
Delta R.T. -0.00 min

Lab File: VX003305.D

Acq: 11 Jul 2018 01:30

Tgt Ion:	117	Resp:	36389
Ion Ratio	Lower	Upper	
117	100		
201	104.7	49.0	147.0





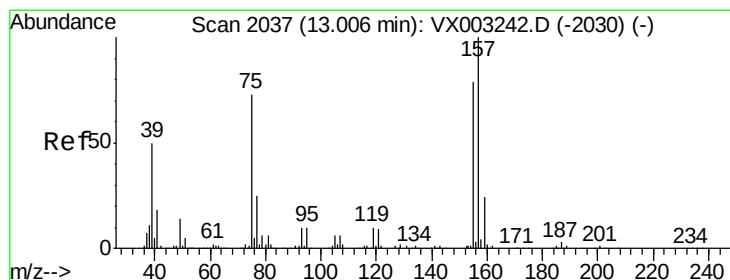
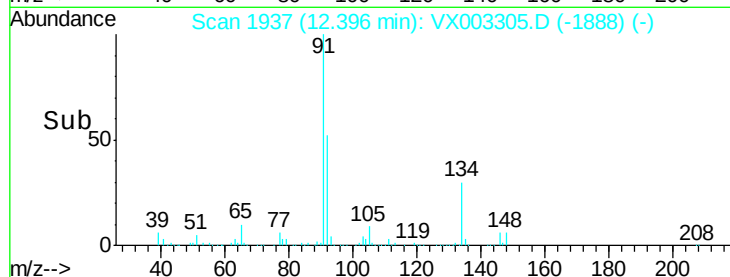
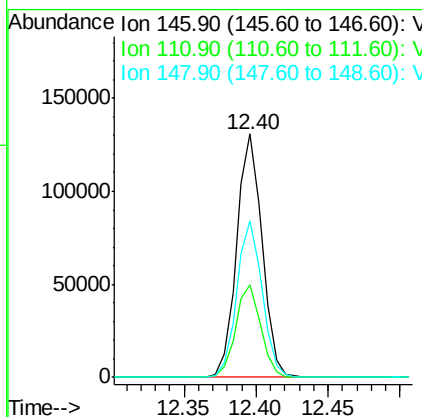
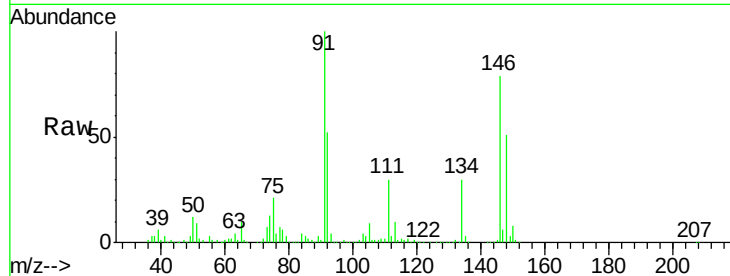
#91
 1,2-Dichlorobenzene
 Concen: 20.24 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.4	58.1
148	64.2	31.7	95.1

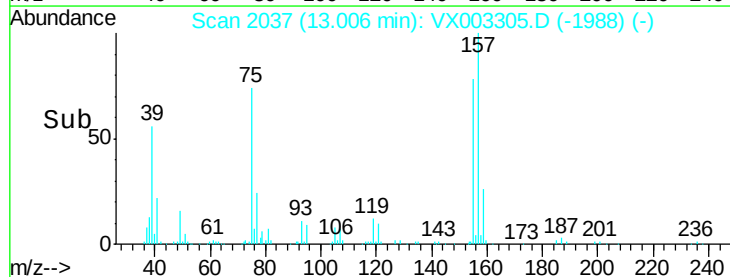
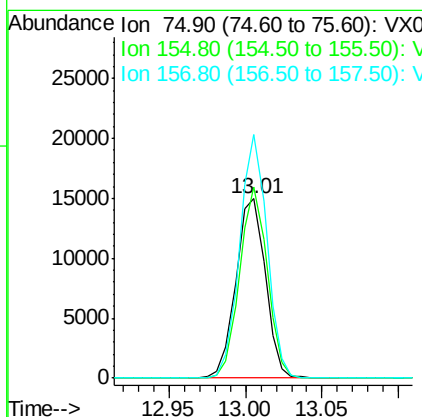
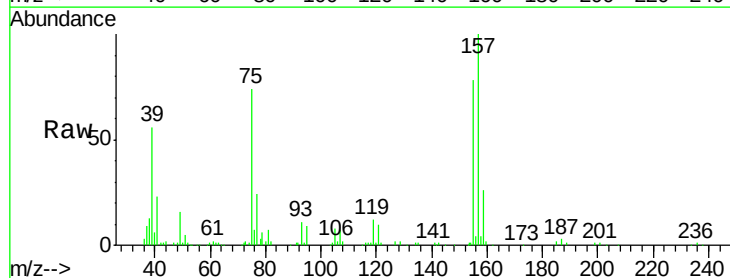
Manual Integrations
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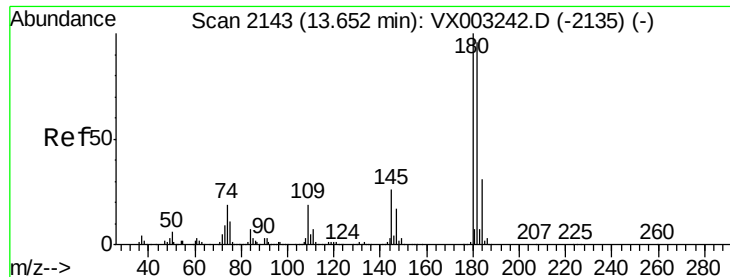
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.13 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.3	45.8	137.4
157	125.5	60.1	180.3





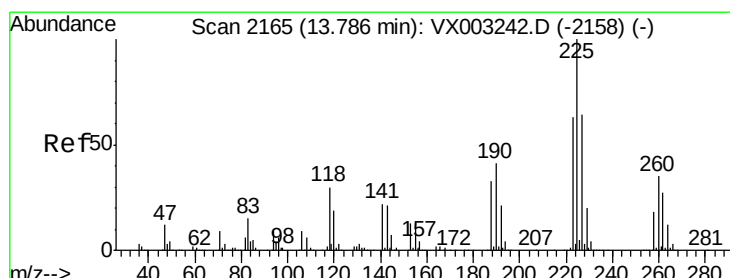
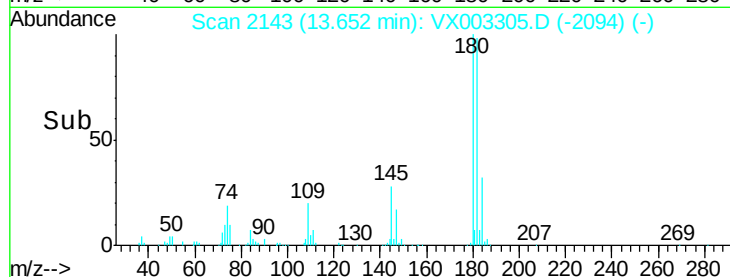
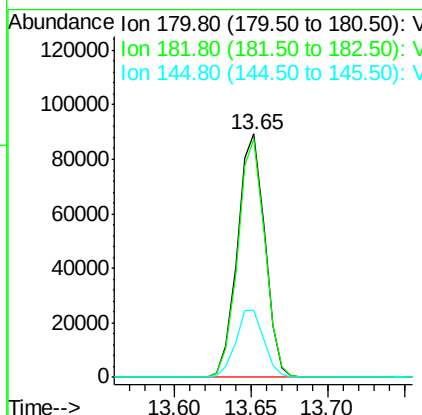
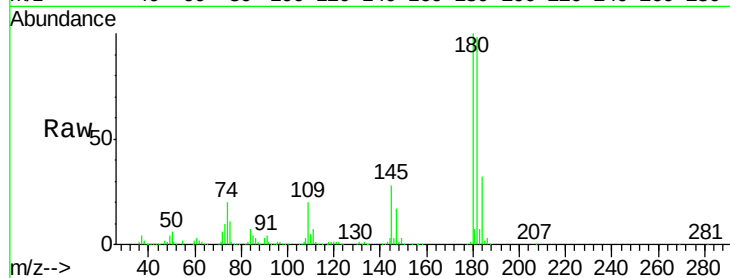
#93
 1,2,4-Trichlorobenzene
 Concen: 19.12 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	28.4	14.1	42.4

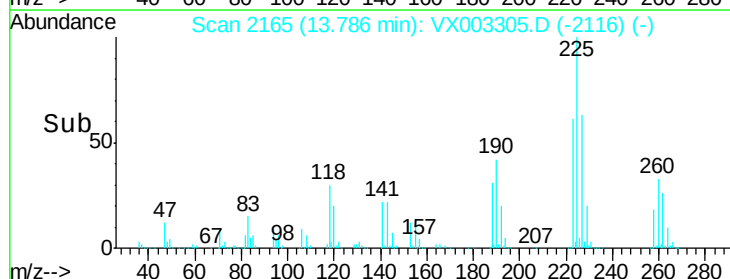
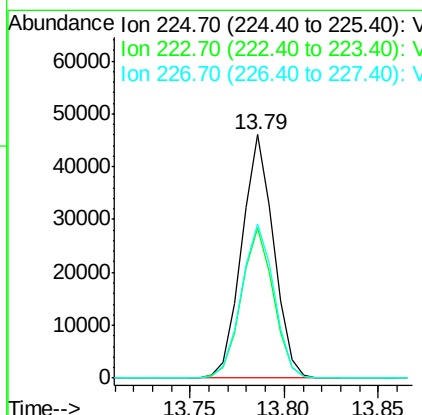
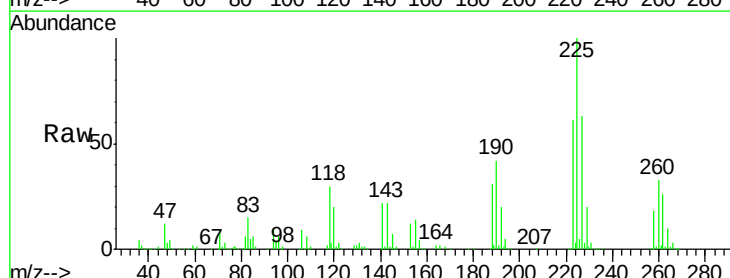
Manual Integrations
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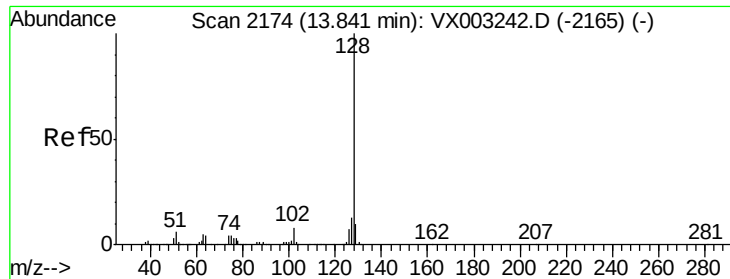
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#94
 Hexachlorobutadiene
 Concen: 18.71 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003305.D
 Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.6	95.0
227	64.9	32.4	97.2





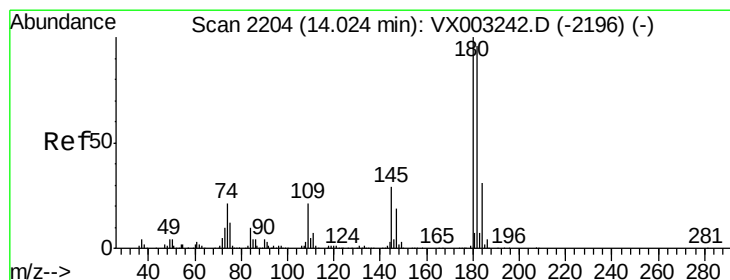
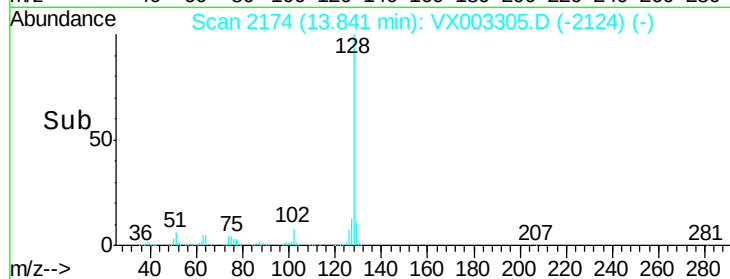
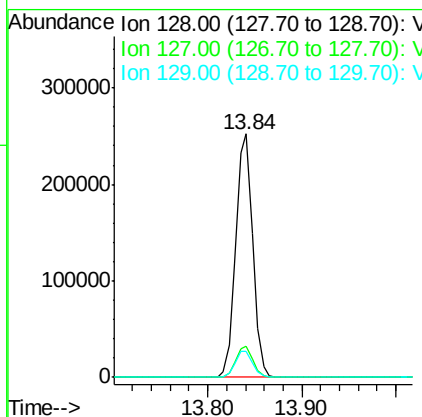
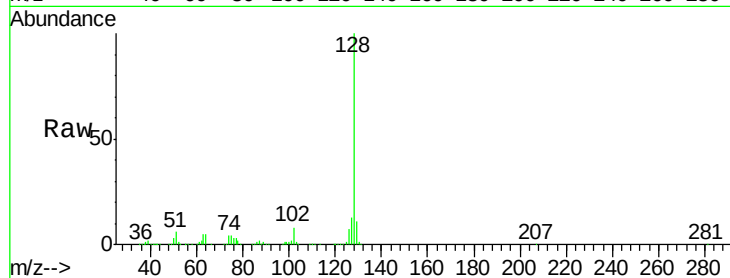
#95
Naphthalene
Concen: 20.77 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

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

Manual Integrations
APPROVED

MMDadoda
7/11/2018 3:09:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.34 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003305.D
Acq: 11 Jul 2018 01:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	29.5	14.8	44.3

