

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002438.D
 Acq On : 11 Jun 2018 13:00
 Operator : JC/MD
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Quant Time: Jun 11 16:34:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	397126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187988	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.51	113	146641	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.72	98	565152	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	214392	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54457	18.41	ug/l	99
3) Chloromethane	1.32	50	60376	15.85	ug/l	99
4) Vinyl Chloride	1.40	62	68207	18.29	ug/l	99
5) Bromomethane	1.64	94	35780	14.59	ug/l	98
6) Chloroethane	1.73	64	51121	21.19	ug/l	94
7) Trichlorofluoromethane	1.93	101	117042	20.60	ug/l	96
8) Diethyl Ether	2.19	74	41321	18.98	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67448	22.00	ug/l	99
10) Methyl Iodide	2.51	142	49836	11.56	ug/l	99
11) Tert butyl alcohol	3.06	59	74821	75.92	ug/l	98
12) 1,1-Dichloroethene	2.38	96	57831	19.09	ug/l	96
13) Acrolein	2.29	56	30890	69.39	ug/l	95
14) Allyl chloride	2.73	41	114894	17.47	ug/l	98
15) Acrylonitrile	3.15	53	168621	91.19	ug/l	99
16) Acetone	2.45	43	189580	96.53	ug/l	100
17) Carbon Disulfide	2.57	76	135689	16.99	ug/l	98
18) Methyl Acetate	2.78	43	81664	18.32	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	217215	19.11	ug/l	100
20) Methylene Chloride	2.86	84	65416	18.59	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	61303	18.35	ug/l	96
22) Diisopropyl ether	3.87	45	231858	20.22	ug/l	97
23) Vinyl Acetate	3.82	43	986874	92.58	ug/l	100
24) 1,1-Dichloroethane	3.70	63	122496	18.85	ug/l	99
25) 2-Butanone	4.70	43	229531	82.25	ug/l	100
26) 2,2-Dichloropropane	4.59	77	89269	17.57	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	64201	17.67	ug/l	94
28) Bromochloromethane	5.02	49	61492	20.12	ug/l	100
29) Tetrahydrofuran	5.16	42	140108	77.87	ug/l	99
30) Chloroform	5.22	83	110649	17.64	ug/l	98
31) Cyclohexane	5.58	56	94801	18.45	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	97190	18.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80072	19.18	ug/l	99
37) Ethyl Acetate	4.86	43	87125	17.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	85477	19.57	ug/l	100

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 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Quant Time: Jun 11 16:34:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100366	19.62	ug/l	96
40) Benzene	6.15	78	235431	18.39	ug/l	99
41) Methacrylonitrile	5.06	41	51105	17.78	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93168	18.32	ug/l	99
43) Isopropyl Acetate	6.46	43	148147	17.37	ug/l	99
44) Trichloroethene	7.21	130	67745	19.07	ug/l	95
45) 1,2-Dichloropropane	7.52	63	63189	18.28	ug/l	100
46) Dibromomethane	7.67	93	42586	18.18	ug/l	98
47) Bromodichloromethane	7.90	83	78208	18.46	ug/l	99
48) Methyl methacrylate	7.78	41	75507	17.63	ug/l	98
49) 1,4-Dioxane	7.75	88	27207	339.69	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	468369	88.19	ug/l	99
52) Toluene	8.79	92	155667	19.12	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	92642	18.23	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	86063	17.95	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	62842	18.77	ug/l	99
56) Ethyl methacrylate	9.18	69	94549	17.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	103968	18.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	257947	104.25	ug/l	99
59) 2-Hexanone	9.50	43	366302	89.30	ug/l	100
60) Dibromochloromethane	9.59	129	62435	18.54	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64772	18.55	ug/l	100
64) Tetrachloroethene	9.34	164	74073	19.12	ug/l	95
65) Chlorobenzene	10.14	112	179746	19.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64248	18.98	ug/l	99
67) Ethyl Benzene	10.26	91	311513	19.91	ug/l	98
68) m/p-Xylenes	10.36	106	238215	39.17	ug/l	100
69) o-Xylene	10.70	106	116908	19.32	ug/l	99
70) Styrene	10.71	104	189489	19.15	ug/l	99
71) Bromoform	10.86	173	46512	17.74	ug/l #	100
73) Isopropylbenzene	11.02	105	323508	19.18	ug/l	100
74) N-amyl acetate	6.46	43	148147	16.30	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91875	17.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	105075	19.74	ug/l	80
77) Bromobenzene	11.26	156	85294	18.01	ug/l	100
78) n-propylbenzene	11.37	91	372220	19.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	216289	18.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	275401	19.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23865	15.72	ug/l	93
82) 4-Chlorotoluene	11.51	91	257576	18.85	ug/l	99
83) tert-Butylbenzene	11.77	119	270139	19.17	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	282585	18.97	ug/l	100
85) sec-Butylbenzene	11.95	105	338907	20.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	305895	20.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	160464	18.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	162797	18.65	ug/l	100
89) n-Butylbenzene	12.39	91	273818	21.70	ug/l	100
90) Hexachloroethane	12.60	117	43431	18.08	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	159945	18.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20016	17.25	ug/l	96

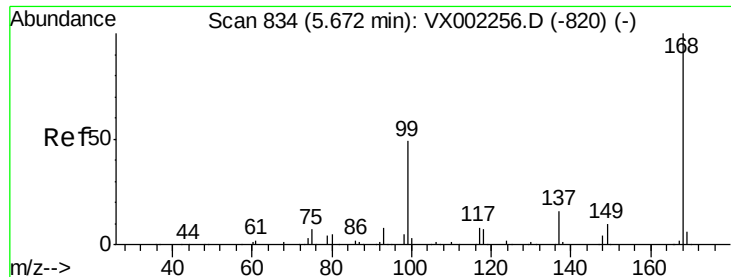
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061118\
Data File : VX002438.D
Acq On : 11 Jun 2018 13:00
Operator : JC/MD
Sample : VX0611WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Quant Time: Jun 11 16:34:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123615	20.12	ug/l	97
94) Hexachlorobutadiene	13.79	225	67642	22.28	ug/l	100
95) Naphthalene	13.84	128	322193	18.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121718	19.43	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

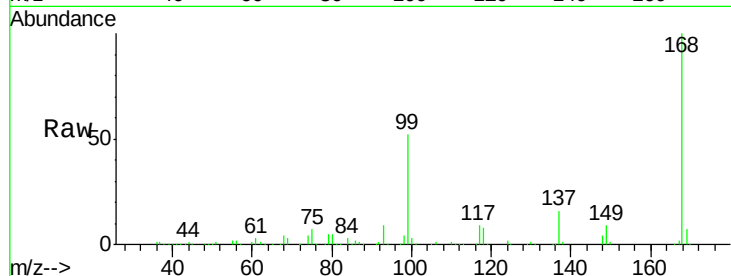
VX0611WBS01

Tot Ion:168 Resp: 284624

Ion Ratio Lower Upper

168 100

99 52.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

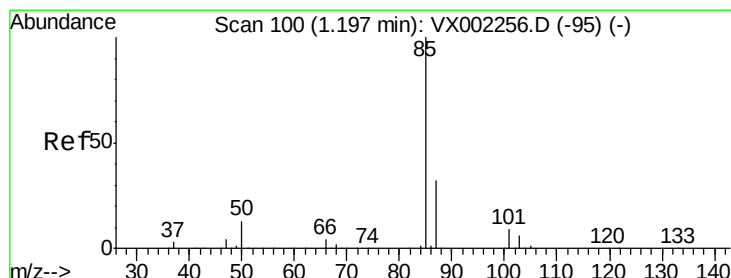
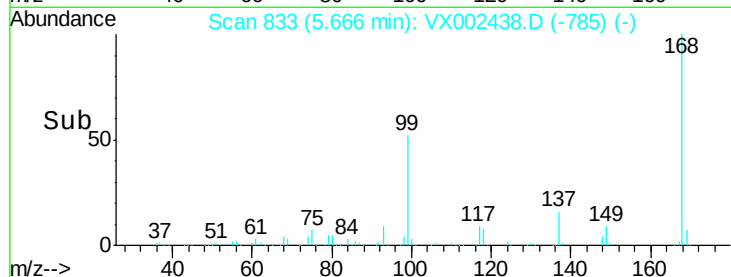
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.41 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002438.D

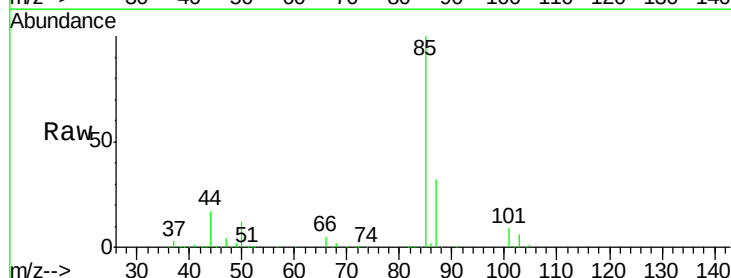
Acq: 11 Jun 2018 13:00

Tgt Ion: 85 Resp: 54457

Ion Ratio Lower Upper

85 100

87 32.4 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

60000

50000

40000

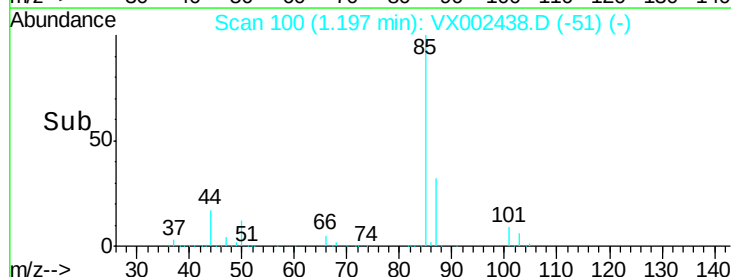
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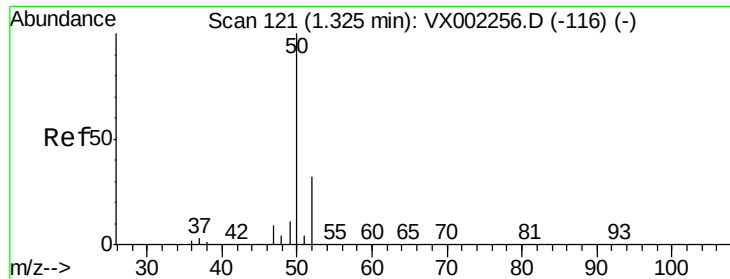
20000

10000

0

Time--> 1.15 1.20 1.25 1.30

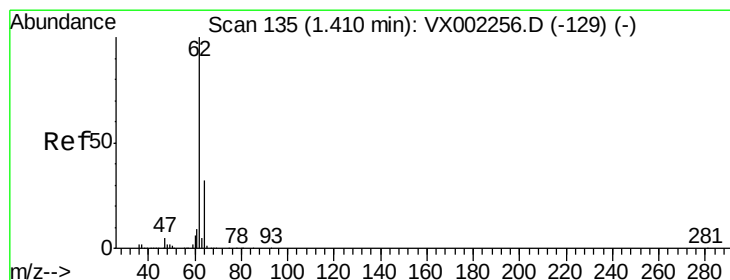
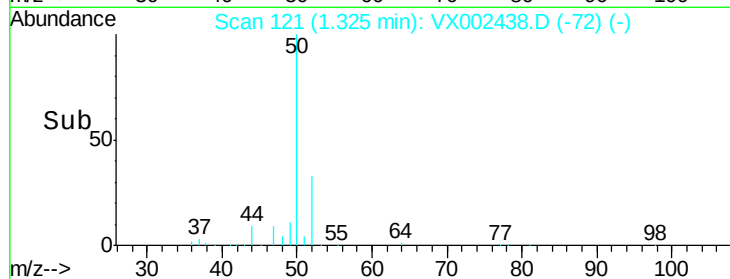
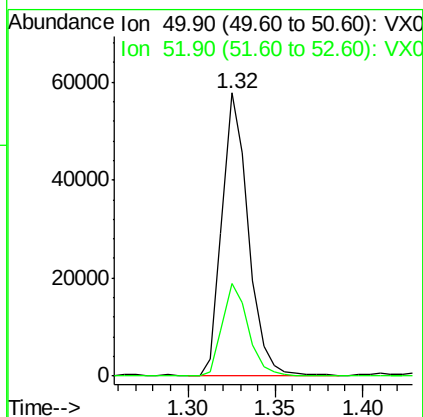
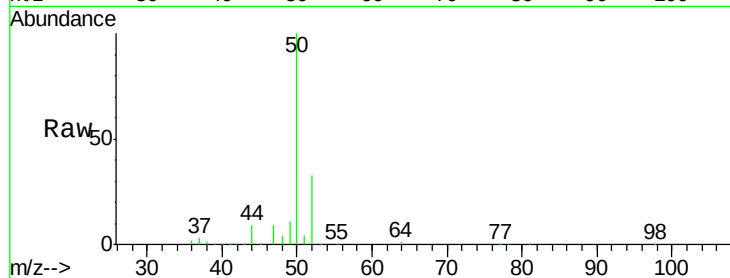




#3
Chloromethane
Concen: 15.85 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

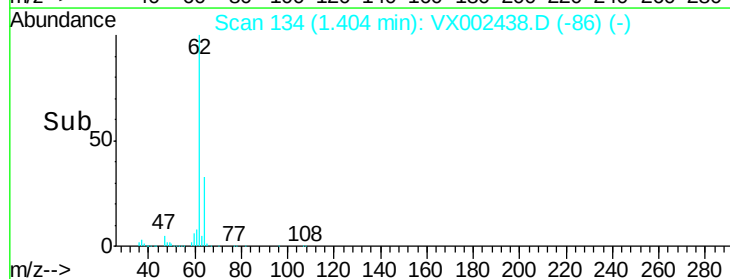
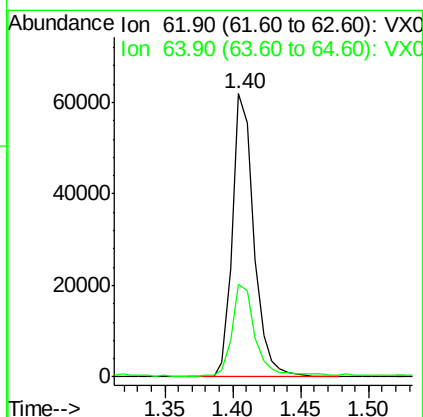
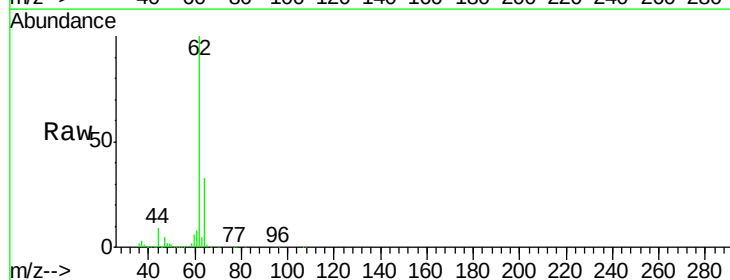
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

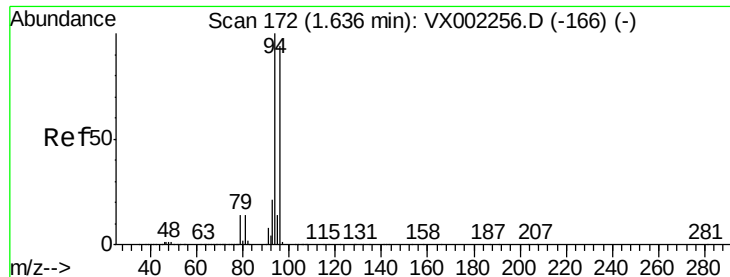
Tot Ion: 50 Resp: 60376
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 18.29 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 62 Resp: 68207
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5

Bromomethane

Concen: 14.59 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

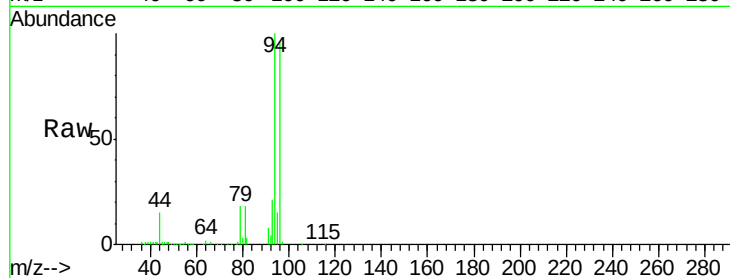
VX0611WBS01

Tot Ion: 94 Resp: 35780

Ion Ratio Lower Upper

94 100

96 95.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

15000

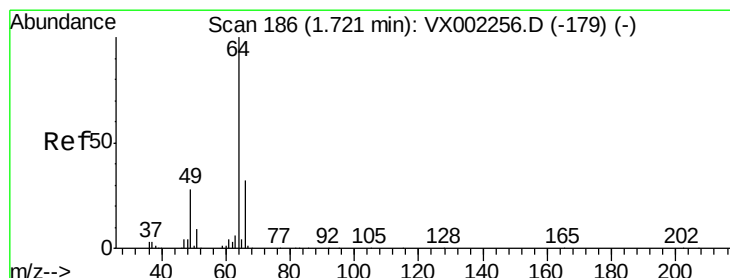
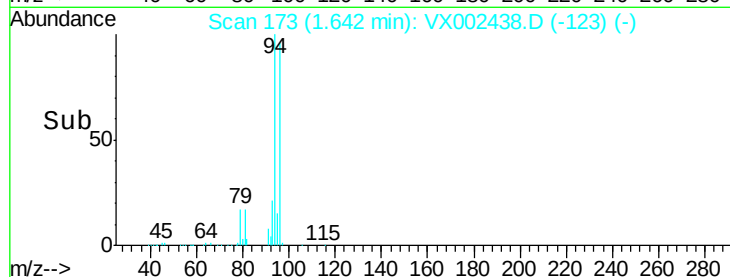
10000

5000

0

Time-->

1.60 1.70 1.80



#6

Chloroethane

Concen: 21.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002438.D

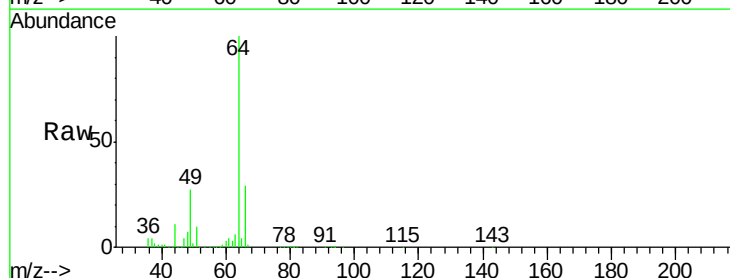
Acq: 11 Jun 2018 13:00

Tgt Ion: 64 Resp: 51121

Ion Ratio Lower Upper

64 100

66 28.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

30000

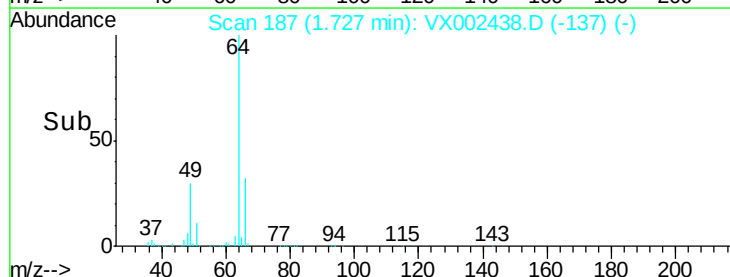
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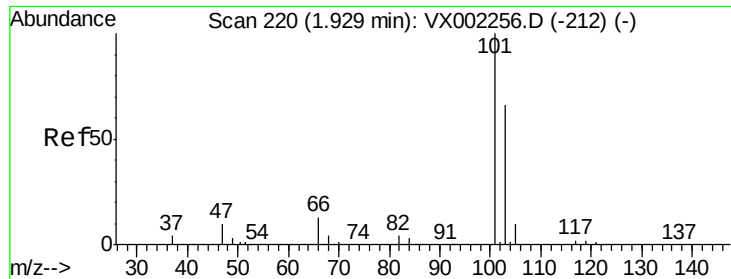
10000

0

Time-->

1.60 1.70 1.80



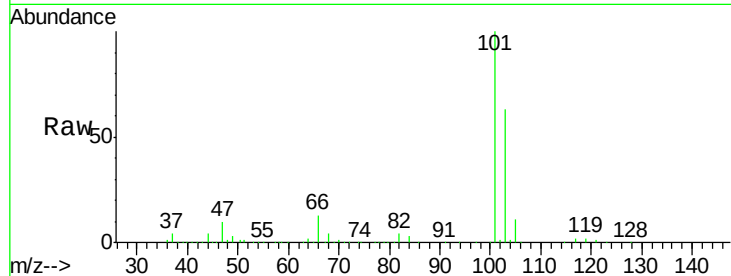


#7

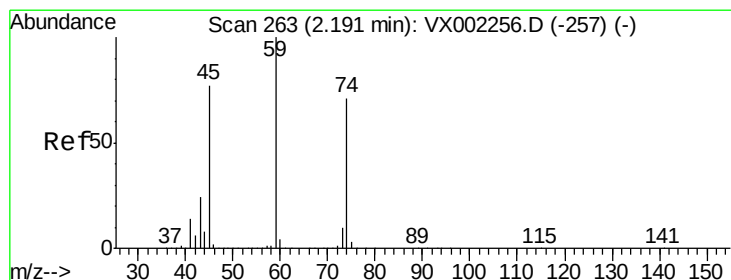
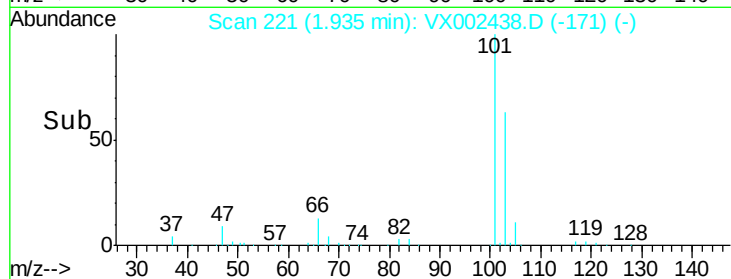
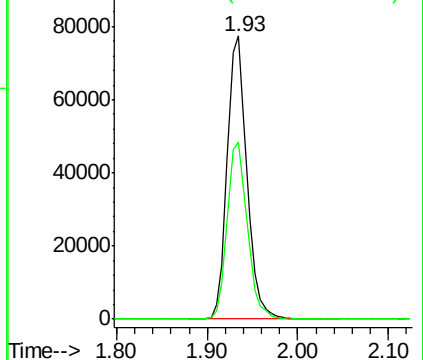
Trichlorofluoromethane
 Concen: 20.60 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion:101 Resp: 117042
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.8 79.2



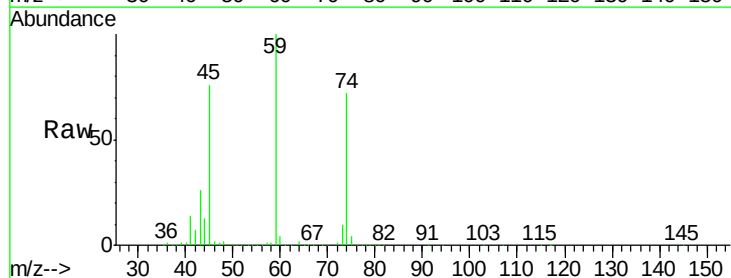
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



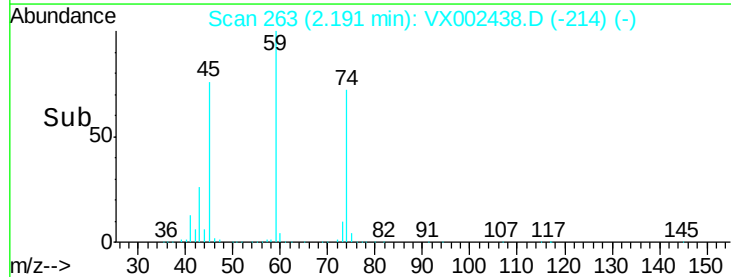
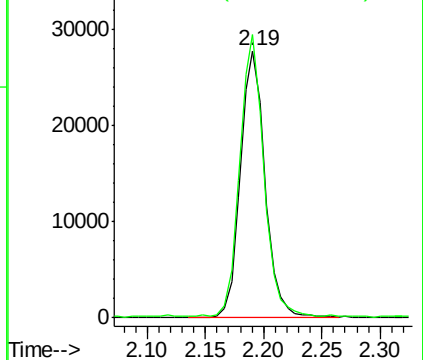
#8

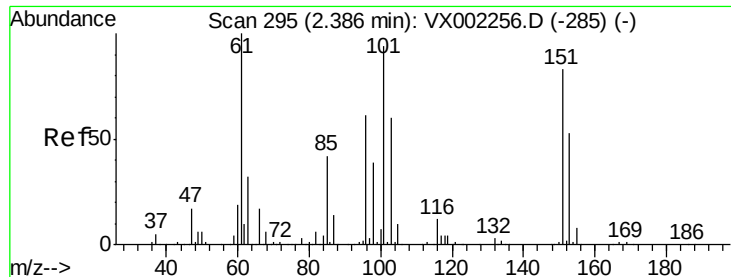
Diethyl Ether
 Concen: 18.98 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion: 74 Resp: 41321
 Ion Ratio Lower Upper
 74 100
 45 102.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.00 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

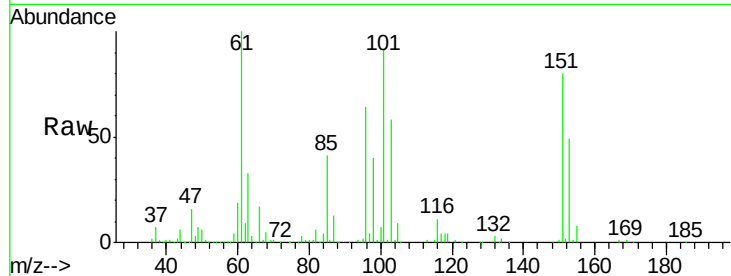
Tot Ion:101 Resp: 67448

Ion Ratio Lower Upper

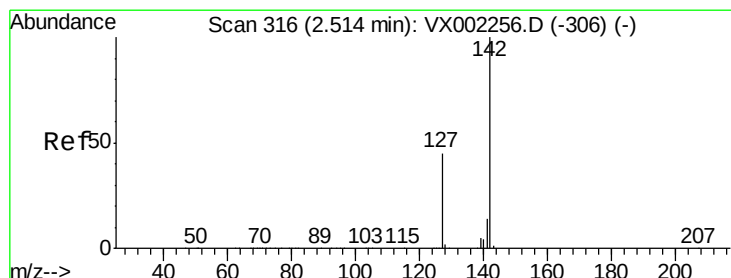
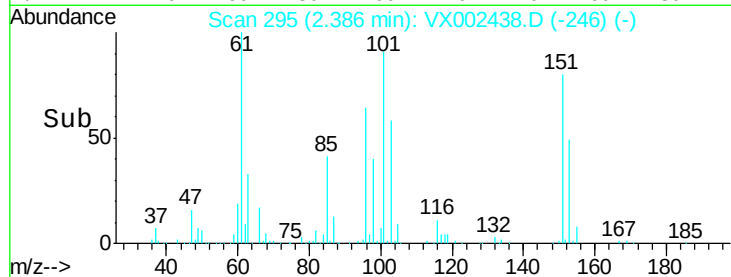
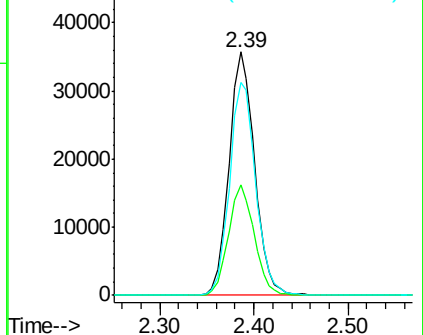
101 100

85 45.8 36.0 54.0

151 89.3 70.9 106.3



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: 11.56 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

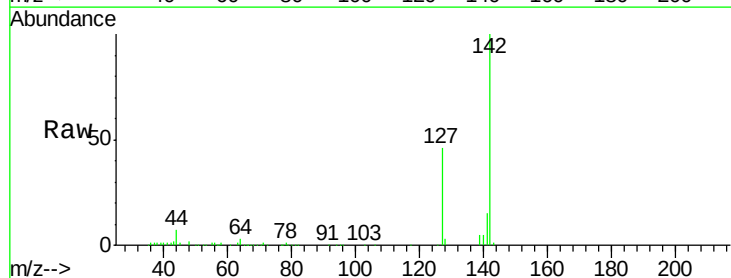
Tgt Ion:142 Resp: 49836

Ion Ratio Lower Upper

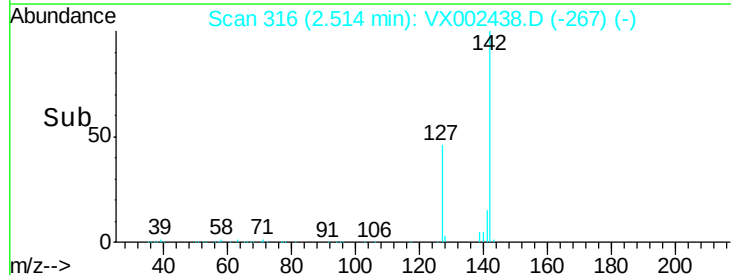
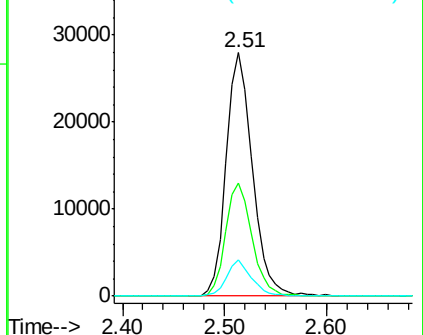
142 100

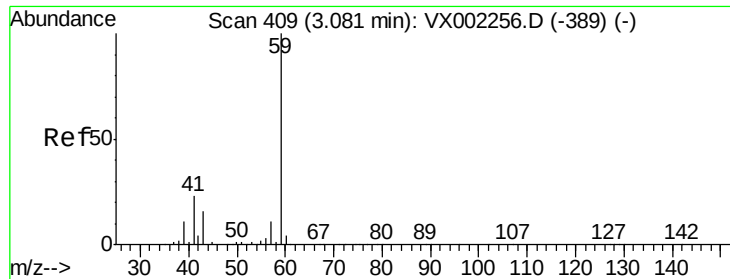
127 46.5 36.6 55.0

141 14.1 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

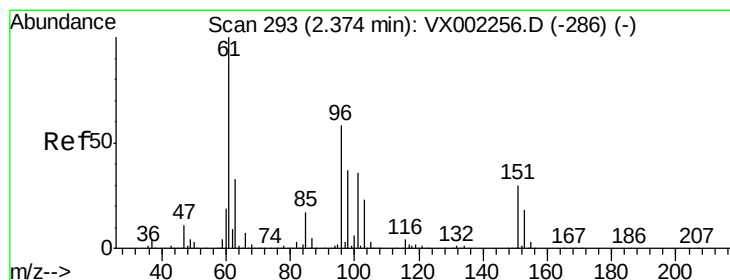
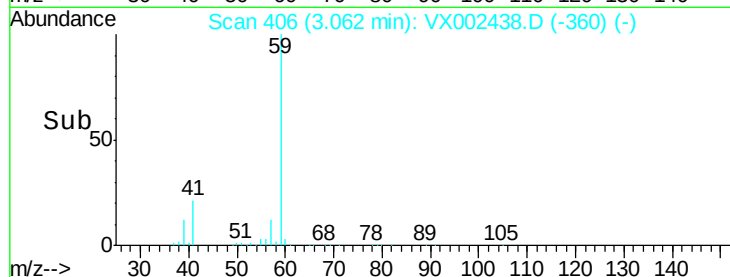
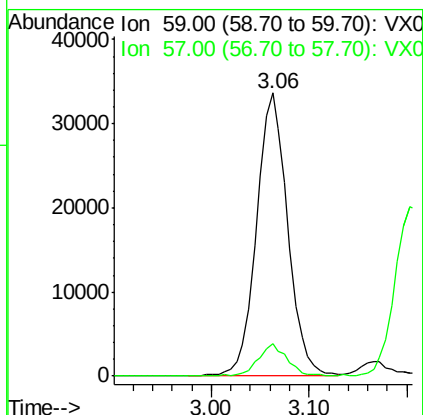
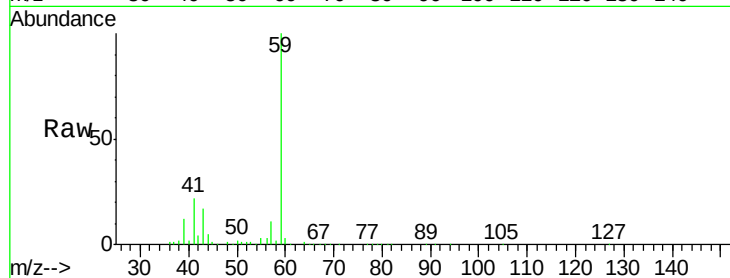




#11
Tert butyl alcohol
Concen: 75.92 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

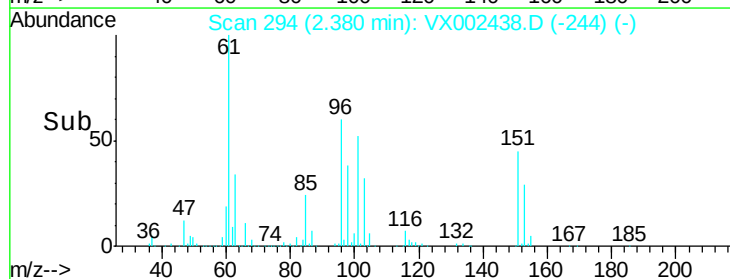
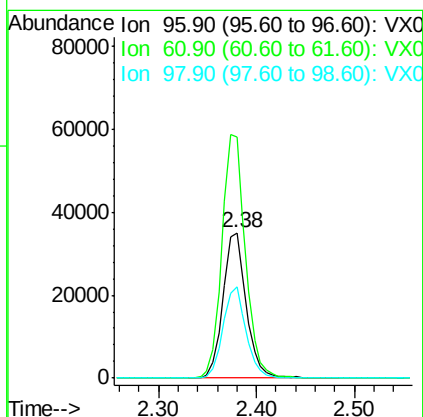
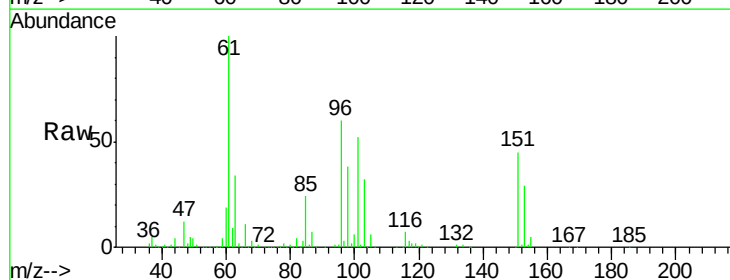
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

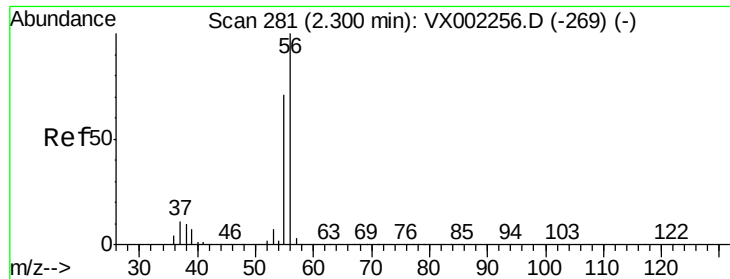
Tot Ion: 59 Resp: 74821
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.09 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 96 Resp: 57831
Ion Ratio Lower Upper
96 100
61 165.9 137.9 206.9
98 62.5 51.6 77.4





#13

Acrolein

Concen: 69.39 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

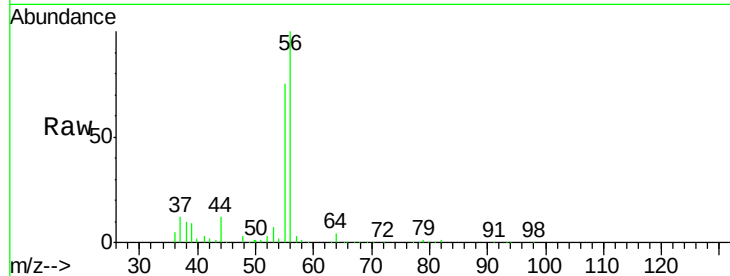
VX0611WBS01

Tot Ion: 56 Resp: 30890

Ion Ratio Lower Upper

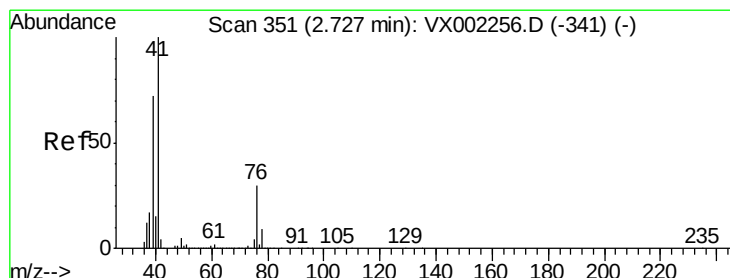
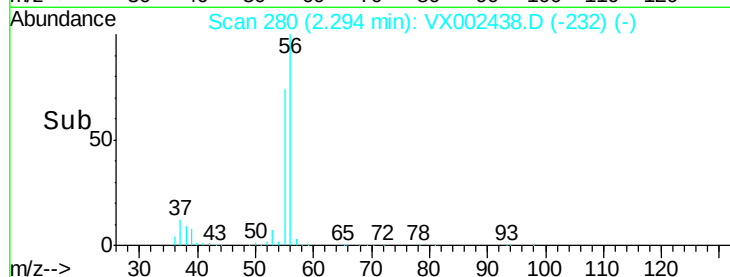
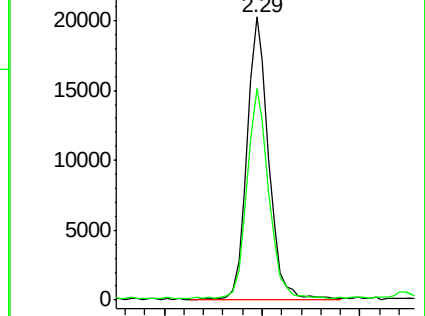
56 100

55 75.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.47 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

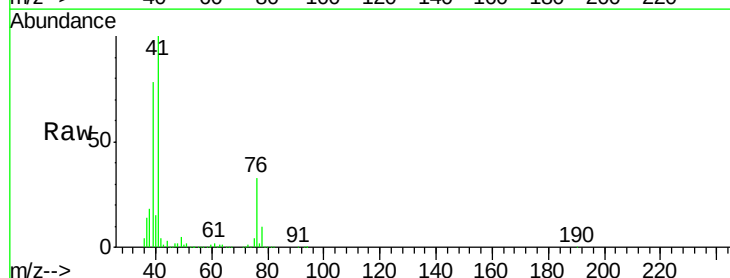
Tgt Ion: 41 Resp: 114894

Ion Ratio Lower Upper

41 100

39 72.8 56.8 85.2

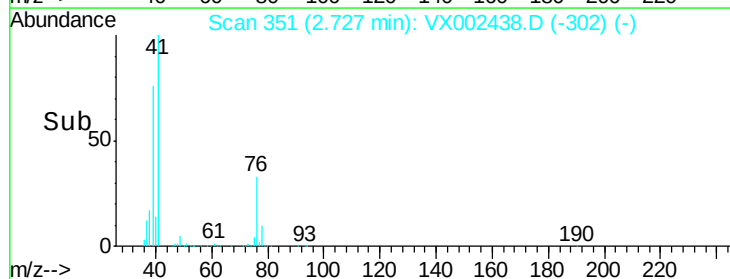
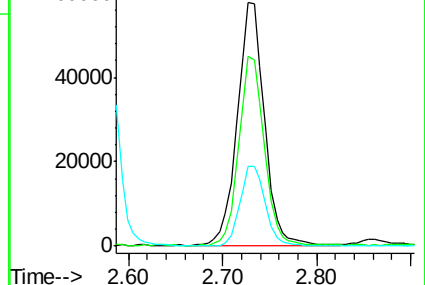
76 30.4 23.8 35.8

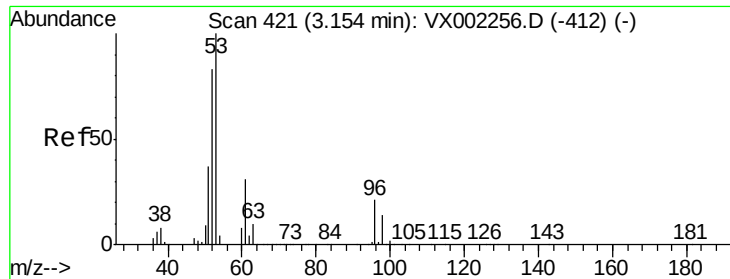


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.19 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

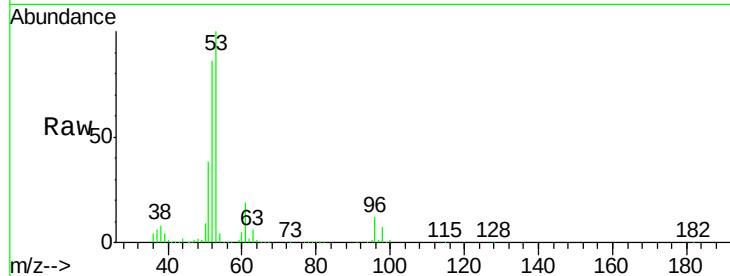
Tot Ion: 53 Resp: 168621

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

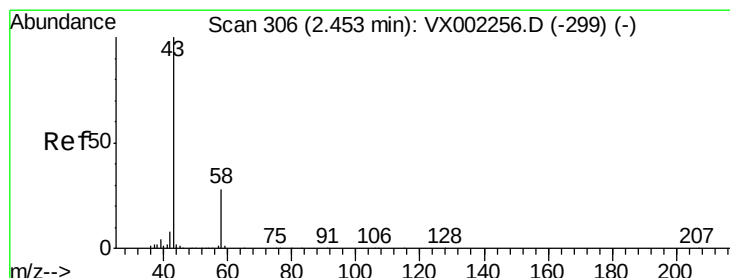
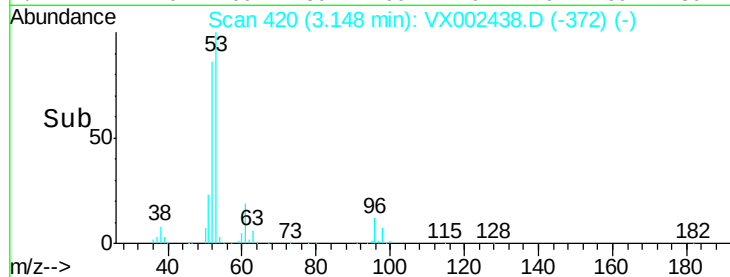
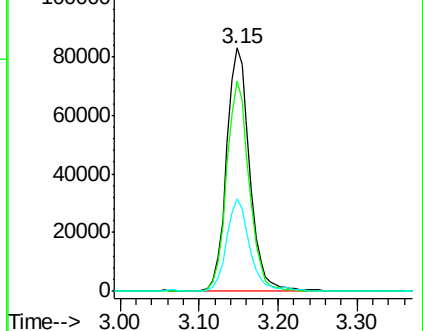
51 37.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002438.D

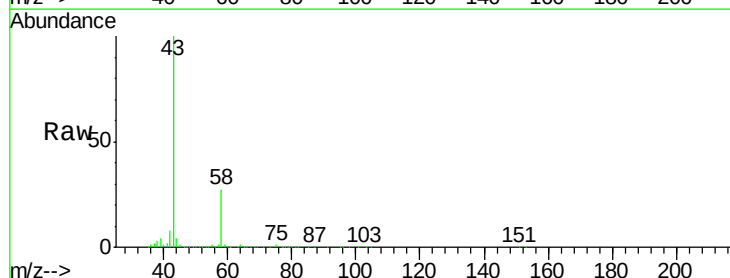
Acq: 11 Jun 2018 13:00

Tgt Ion: 43 Resp: 189580

Ion Ratio Lower Upper

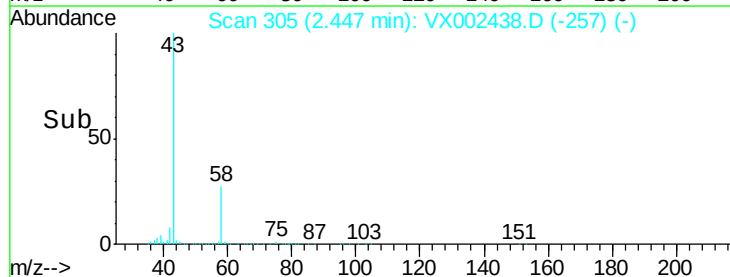
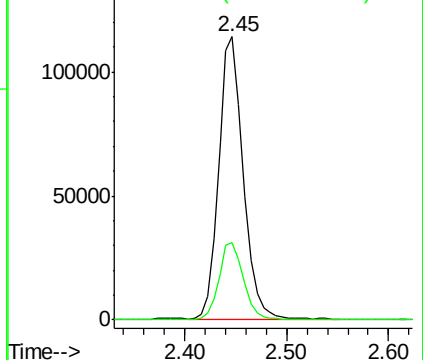
43 100

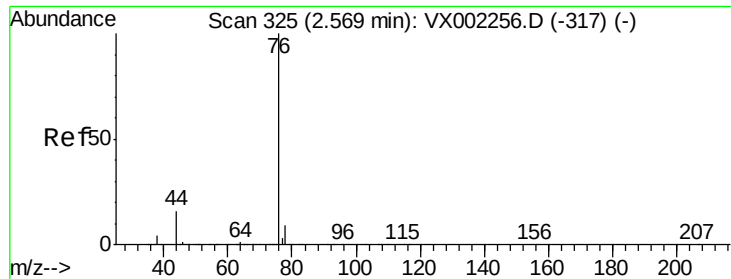
58 27.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

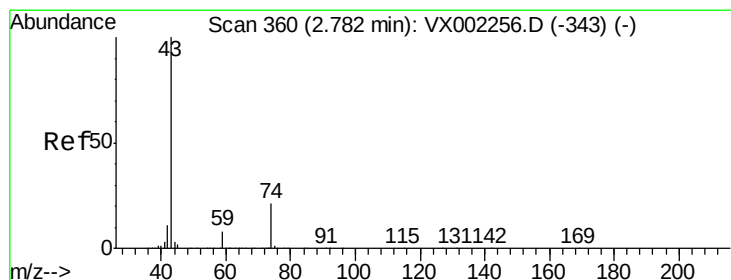
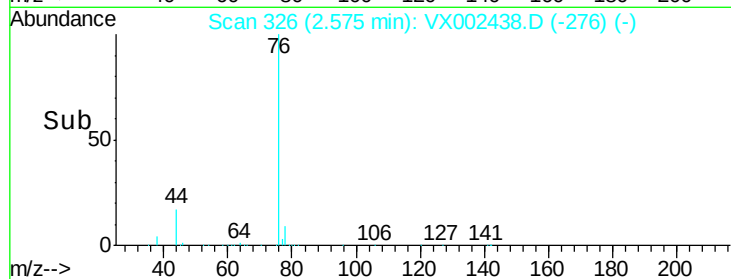
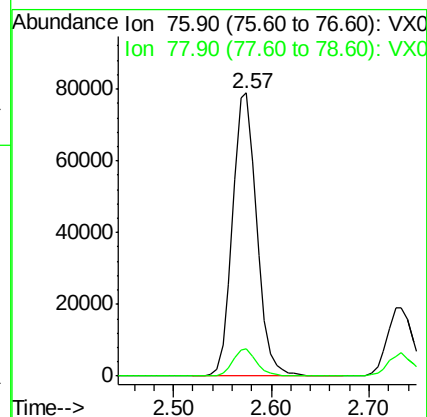
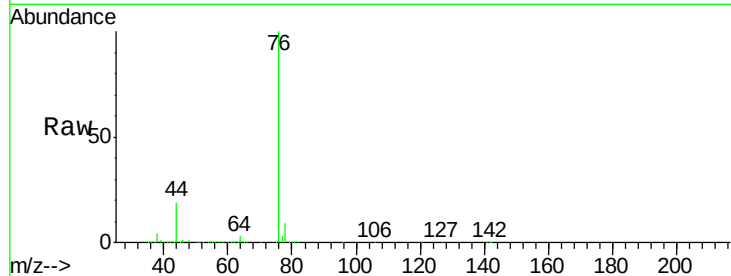




#17
Carbon Disulfide
Concen: 16.99 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

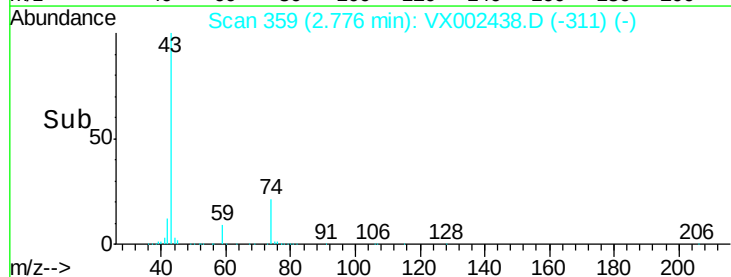
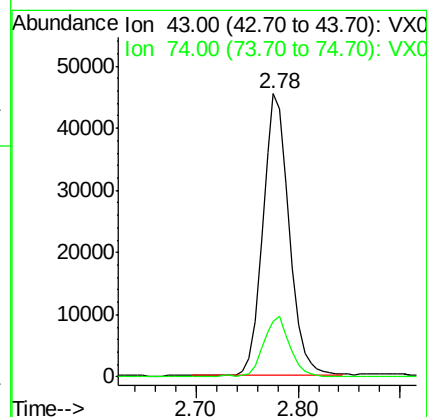
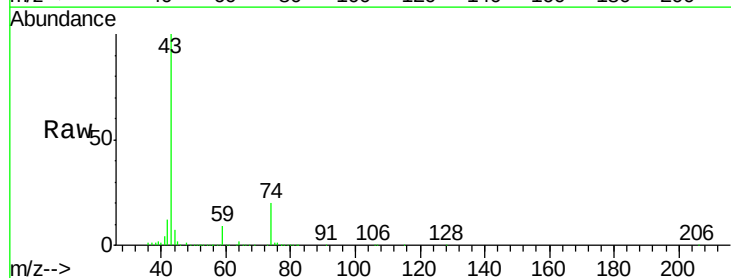
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

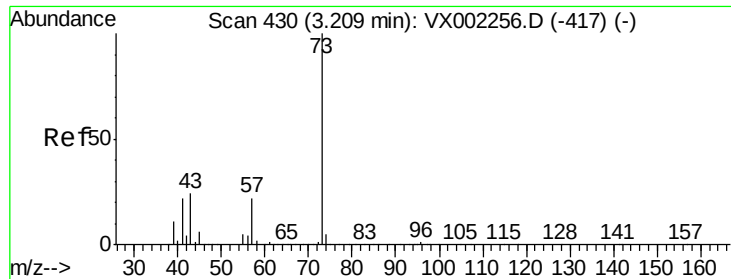
Tot Ion: 76 Resp: 135689
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 18.32 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 43 Resp: 81664
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1

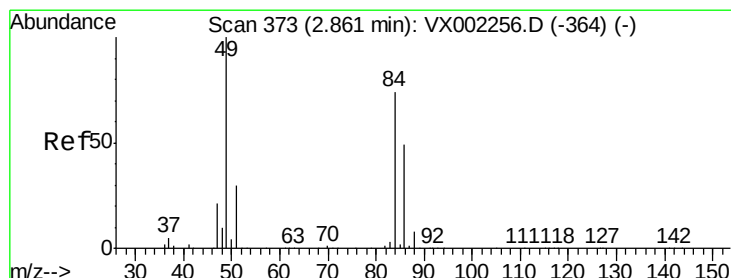
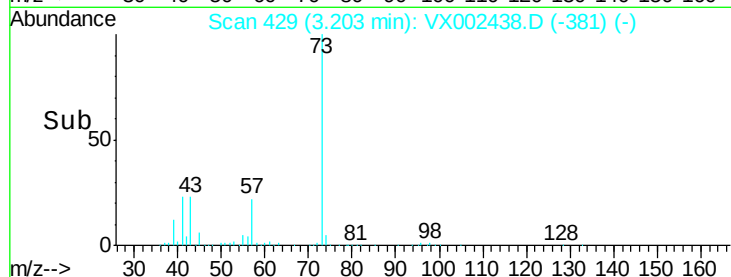
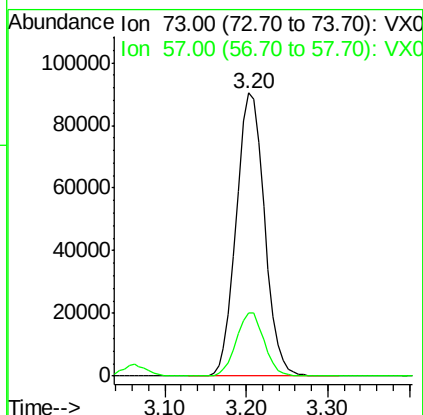
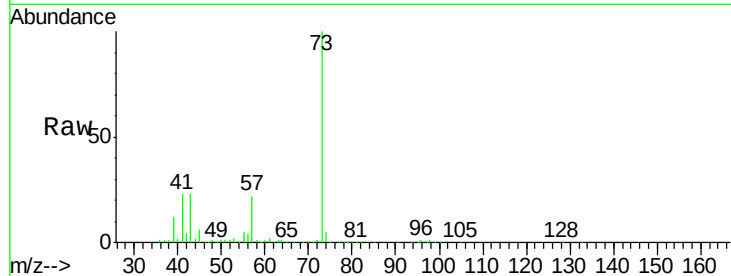




#19
Methyl tert-butyl Ether
Concen: 19.11 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

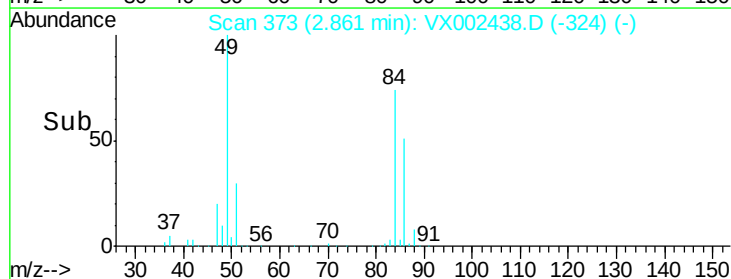
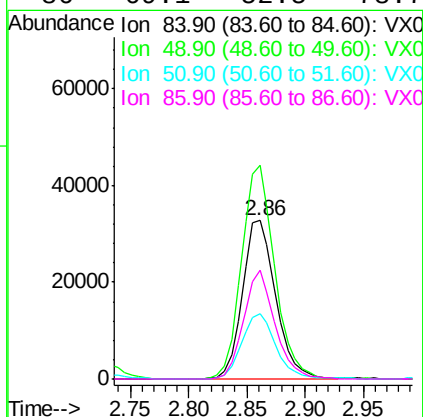
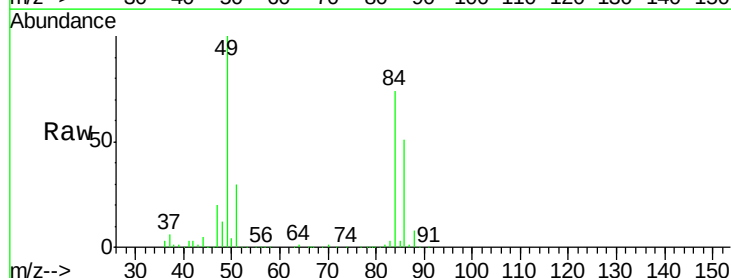
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

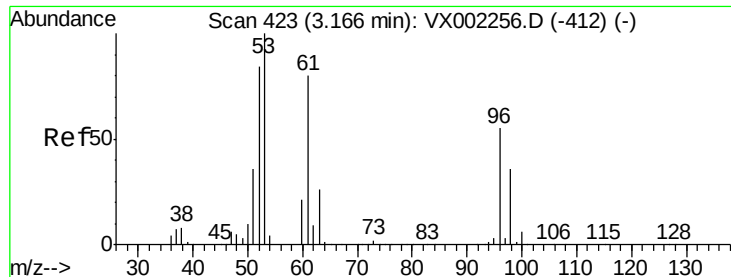
Tot Ion: 73 Resp: 217215
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 18.59 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 84 Resp: 65416
Ion Ratio Lower Upper
84 100
49 134.9 107.8 161.6
51 40.6 32.8 49.2
86 69.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

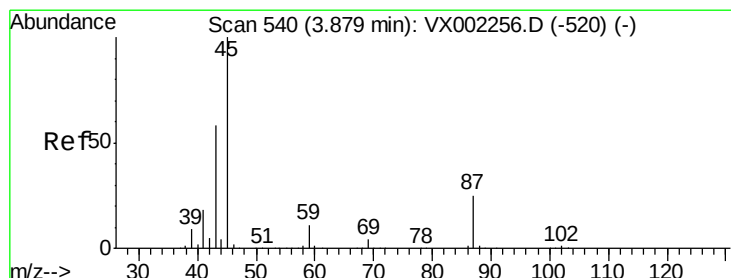
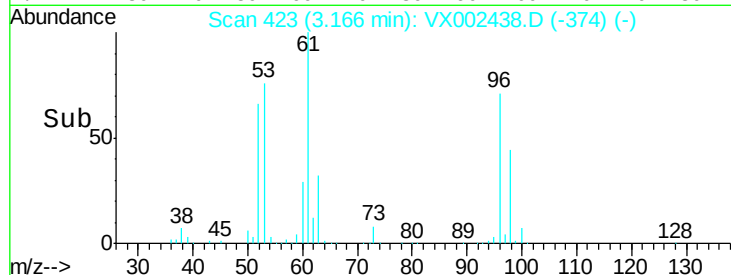
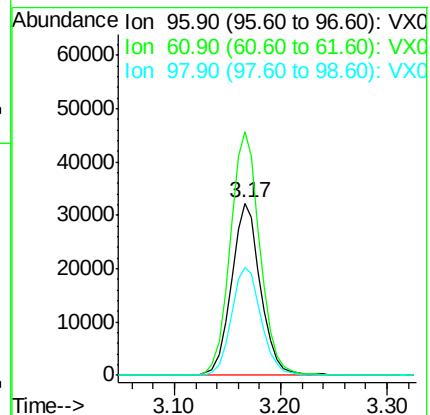
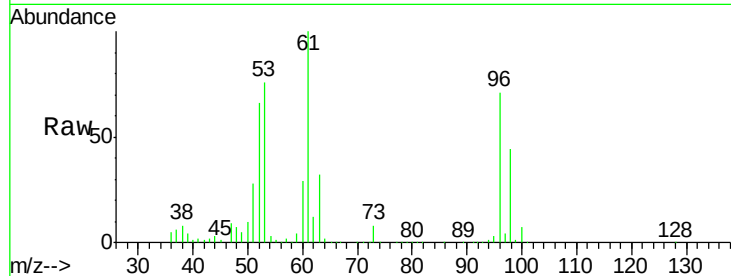
Tot Ion: 96 Resp: 61303

Ion Ratio Lower Upper

96 100

61 141.3 117.0 175.4

98 62.9 52.4 78.6



#22

Diisopropyl ether

Concen: 20.22 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Tgt Ion: 45 Resp: 231858

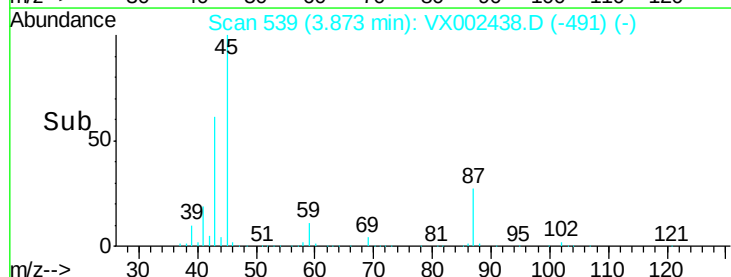
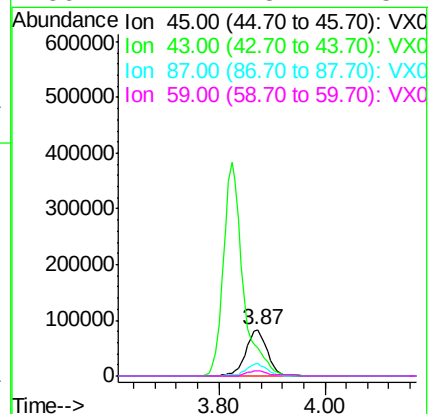
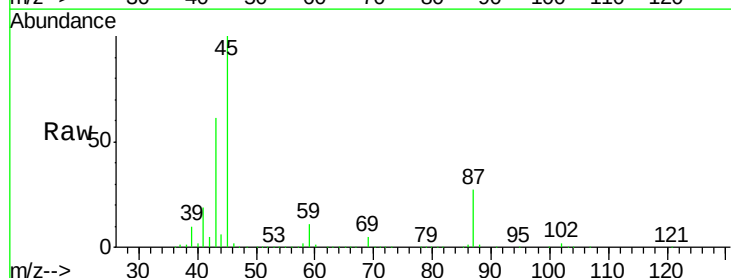
Ion Ratio Lower Upper

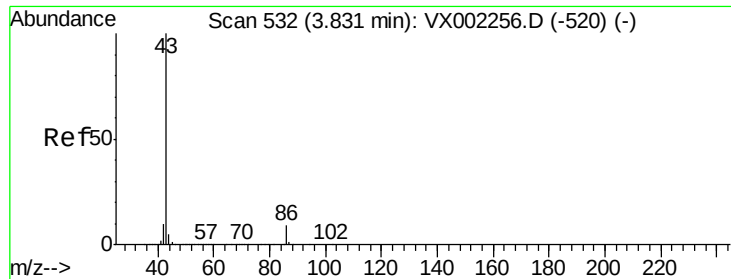
45 100

43 61.3 46.8 70.2

87 26.6 20.2 30.4

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 92.58 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

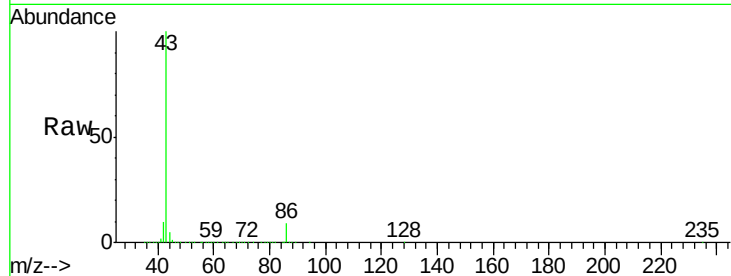
VX0611WBS01

Tot Ion: 43 Resp: 986874

Ion Ratio Lower Upper

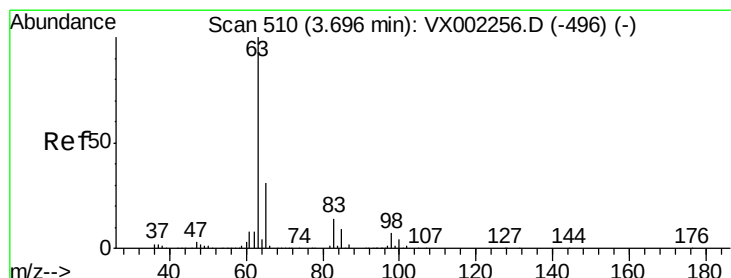
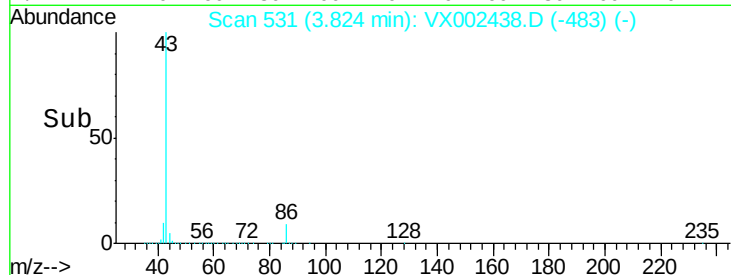
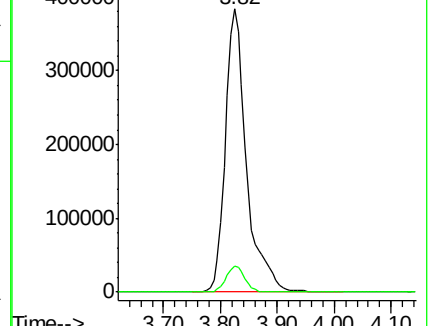
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.85 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

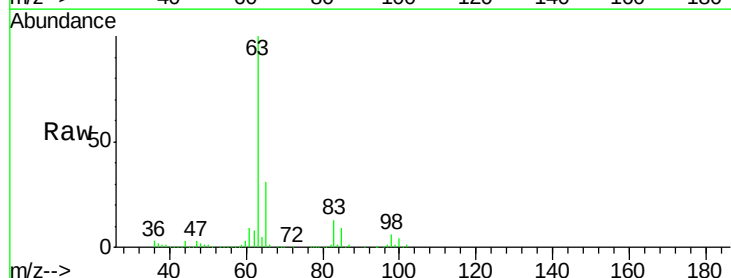
Tgt Ion: 63 Resp: 122496

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

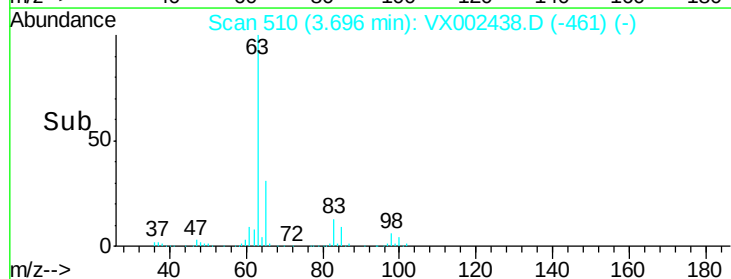
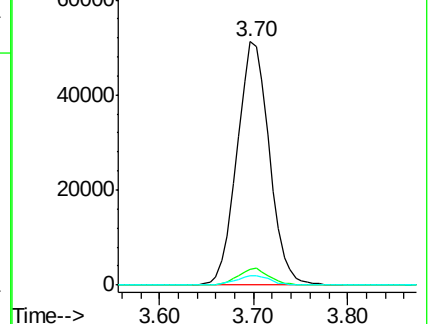
100 4.1 2.0 6.0

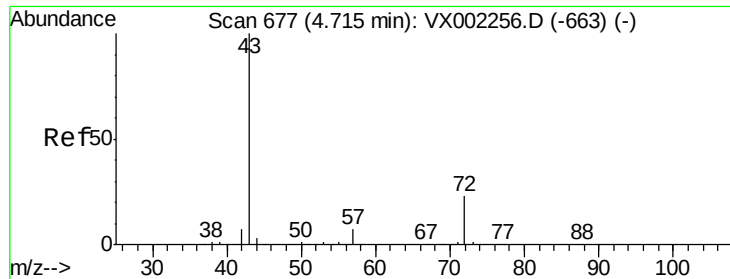


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 82.25 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

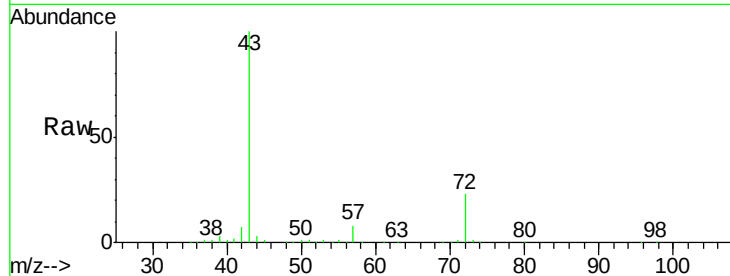
VX0611WBS01

Tot Ion: 43 Resp: 229531

Ion Ratio Lower Upper

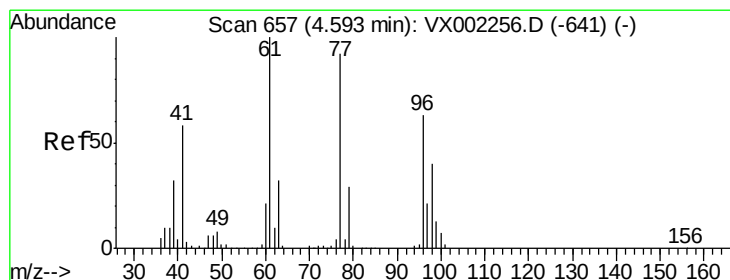
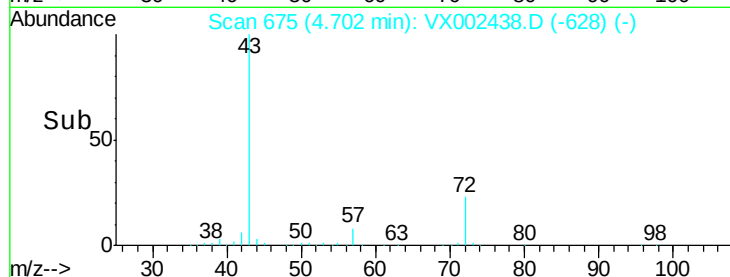
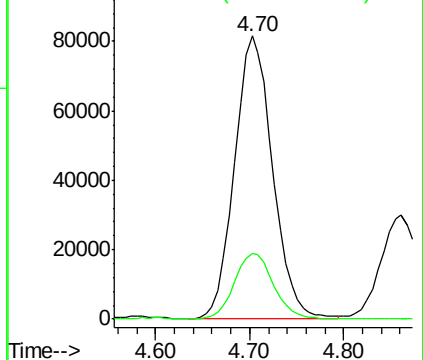
43 100

72 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002438.D

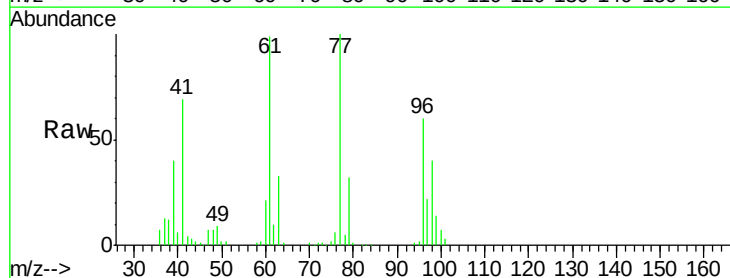
Acq: 11 Jun 2018 13:00

Tgt Ion: 77 Resp: 89269

Ion Ratio Lower Upper

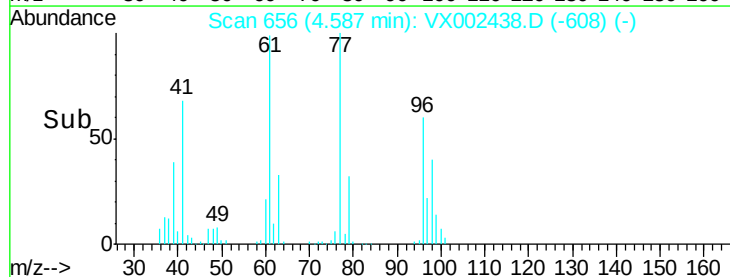
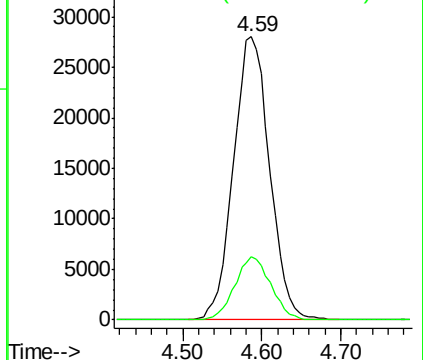
77 100

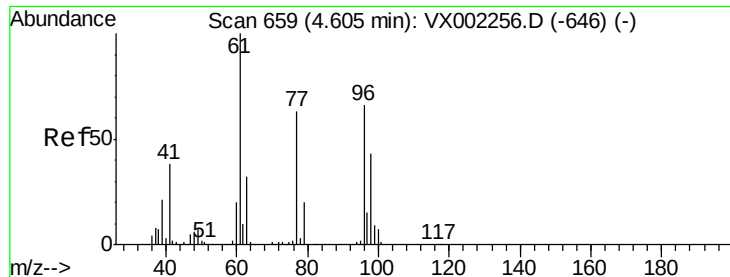
97 22.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 17.67 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

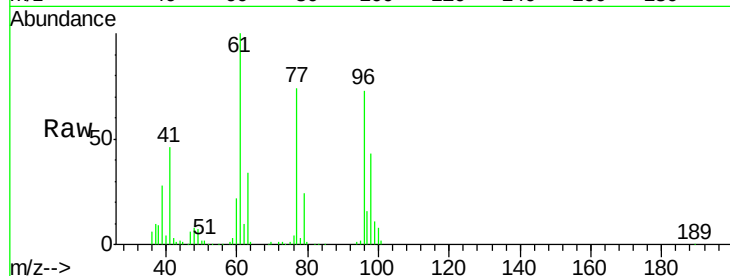
Tot Ion: 96 Resp: 64201

Ion Ratio Lower Upper

96 100

61 155.2 0.0 330.2

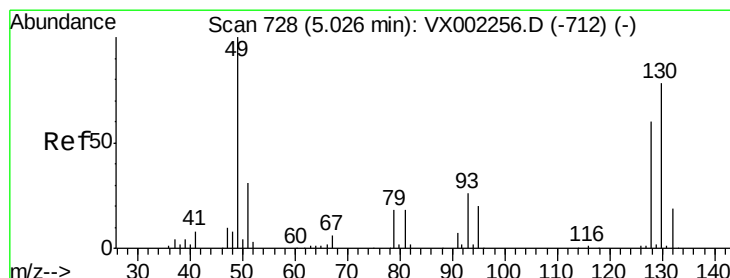
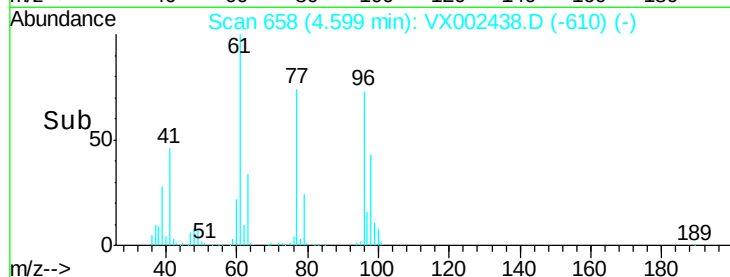
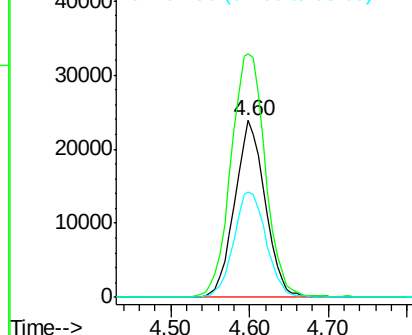
98 63.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.12 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

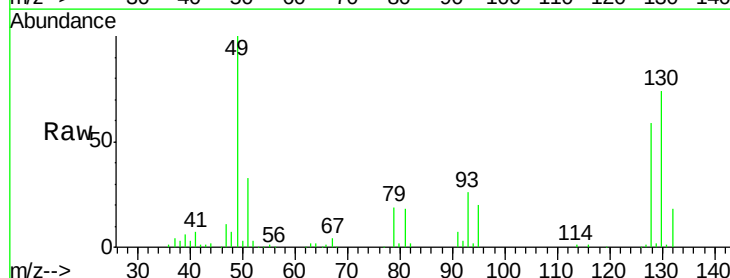
Tgt Ion: 49 Resp: 61492

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

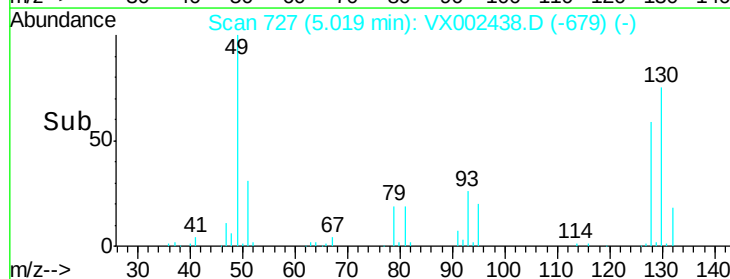
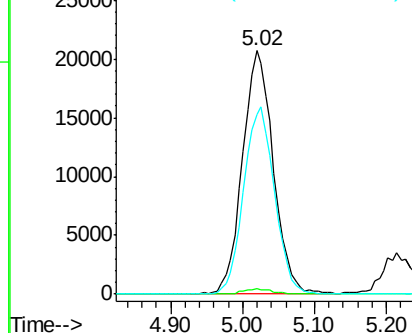
130 76.9 61.2 91.8

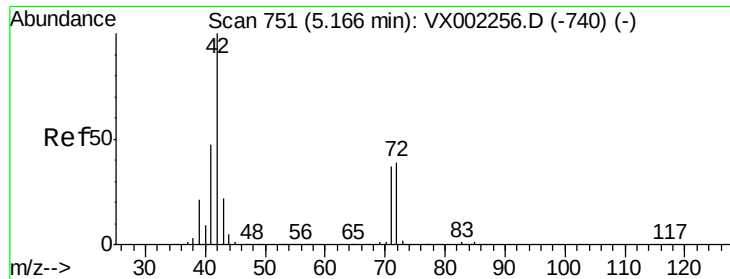


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 77.87 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

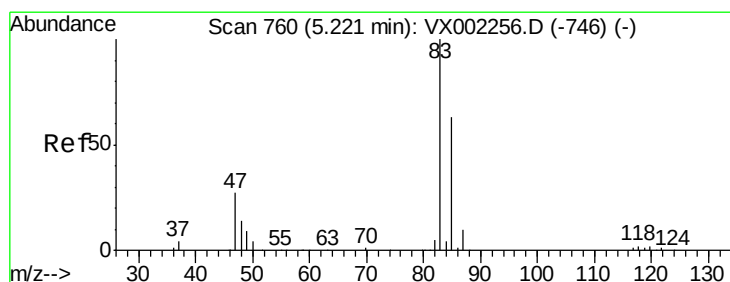
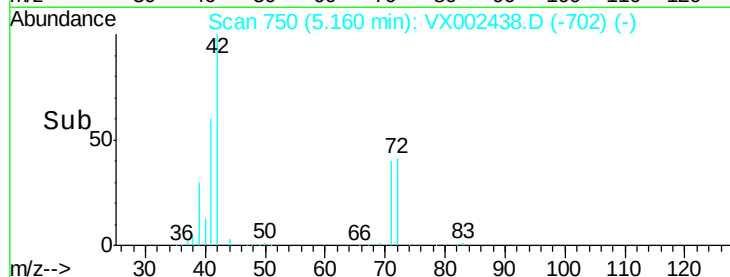
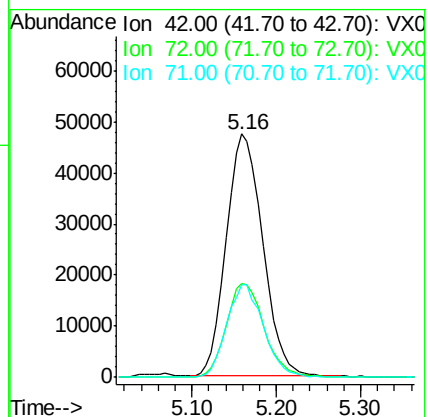
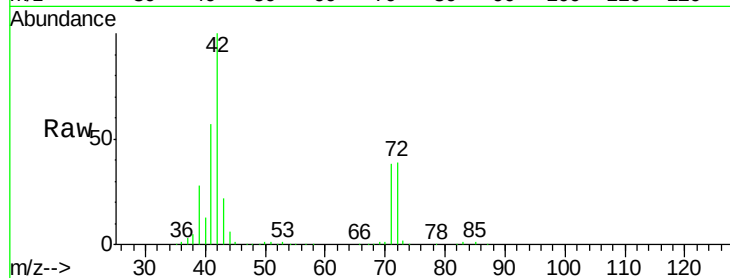
Tot Ion: 42 Resp: 140108

Ion Ratio Lower Upper

42 100

72 40.4 32.0 48.0

71 38.6 30.1 45.1



#30

Chloroform

Concen: 17.64 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002438.D

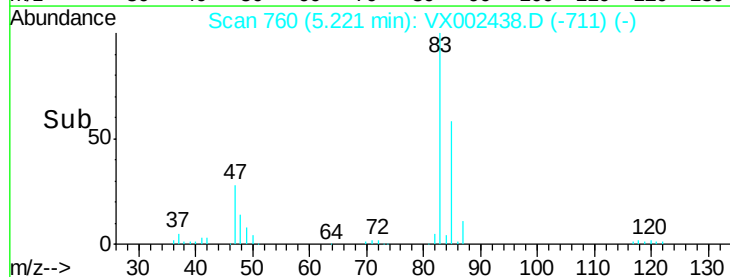
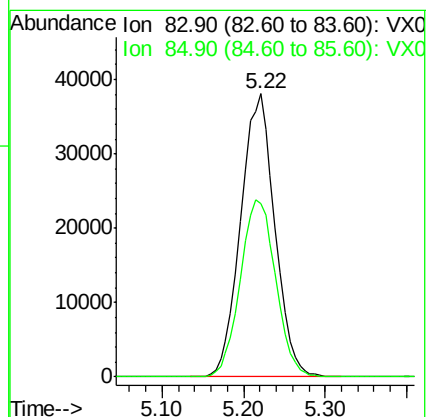
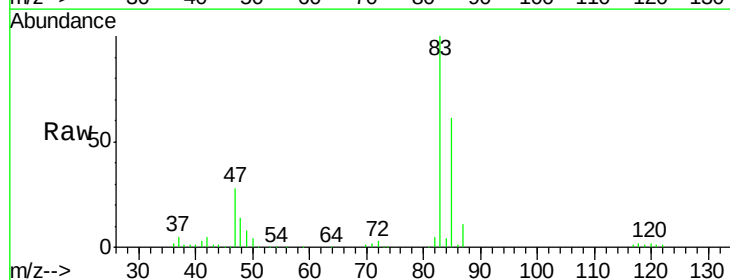
Acq: 11 Jun 2018 13:00

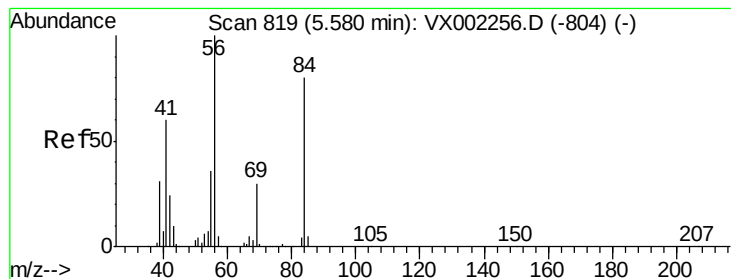
Tgt Ion: 83 Resp: 110649

Ion Ratio Lower Upper

83 100

85 61.4 50.4 75.6





#31

Cyclohexane

Concen: 18.45 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

VX0611WBS01

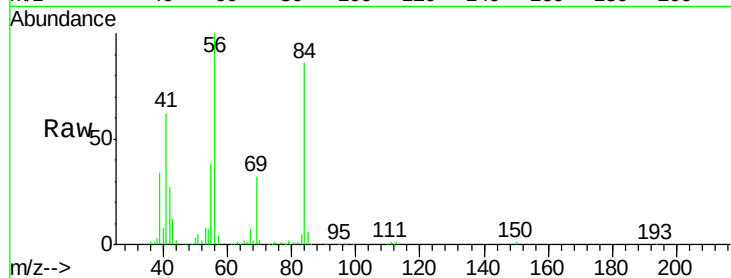
Tot Ion: 56 Resp: 94801

Ion Ratio Lower Upper

56 100

69 32.0 23.7 35.5

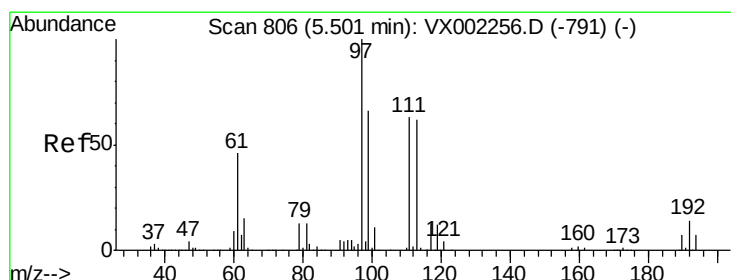
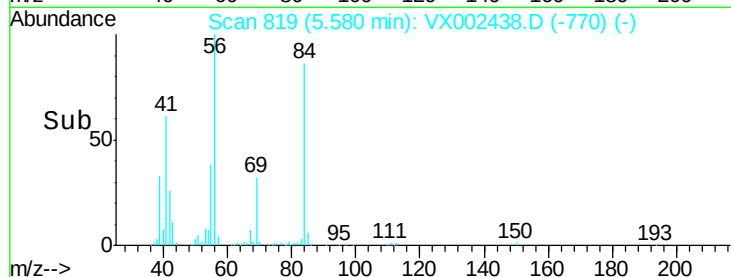
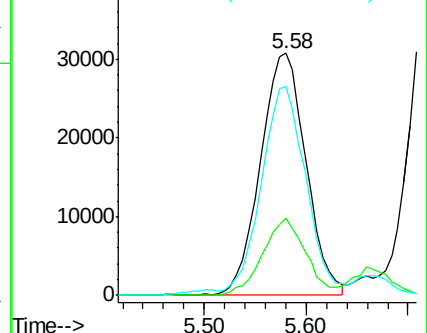
84 84.5 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.27 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

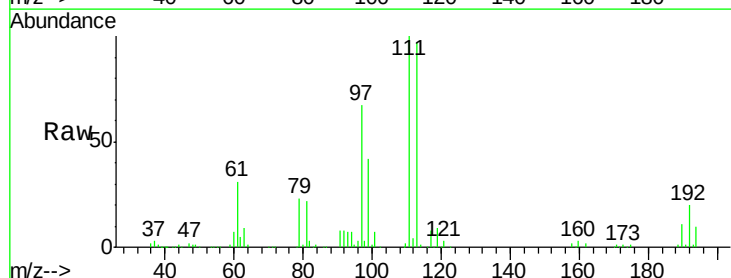
Tgt Ion: 97 Resp: 97190

Ion Ratio Lower Upper

97 100

99 63.3 51.6 77.4

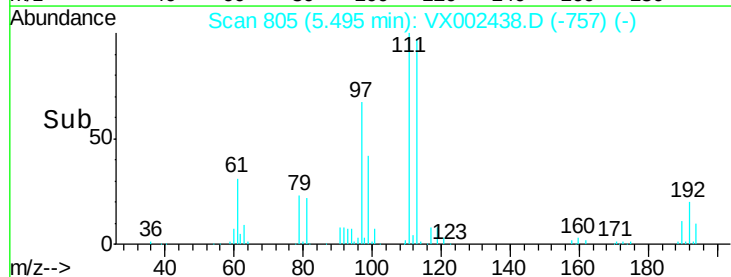
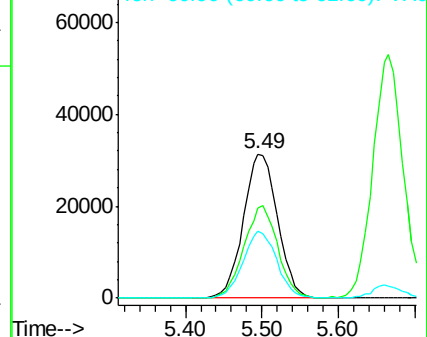
61 46.0 36.4 54.6

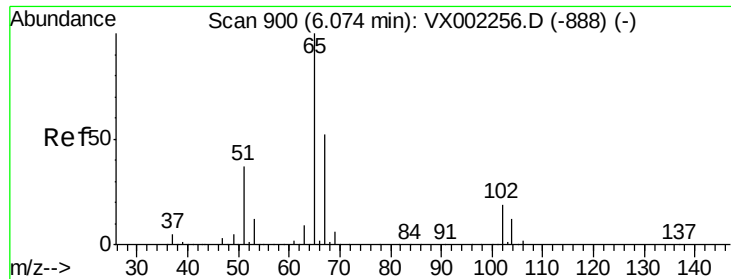


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

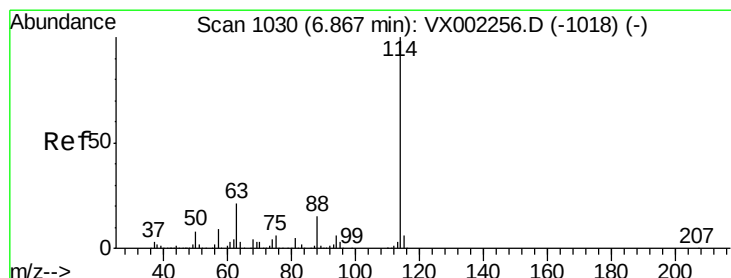
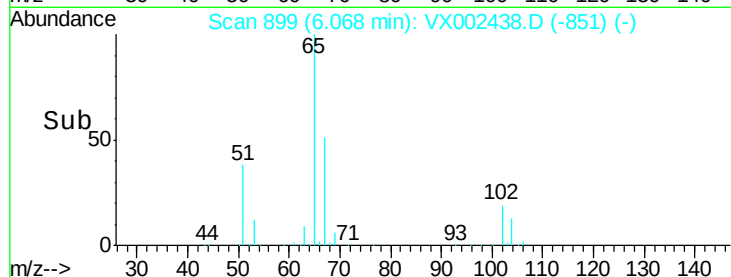
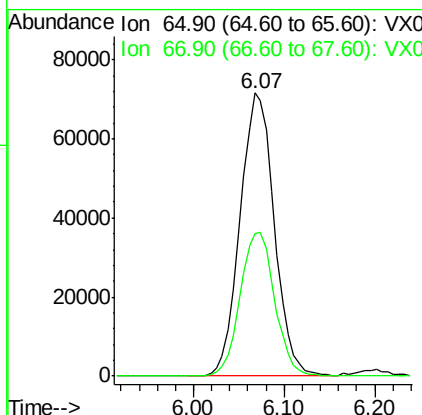
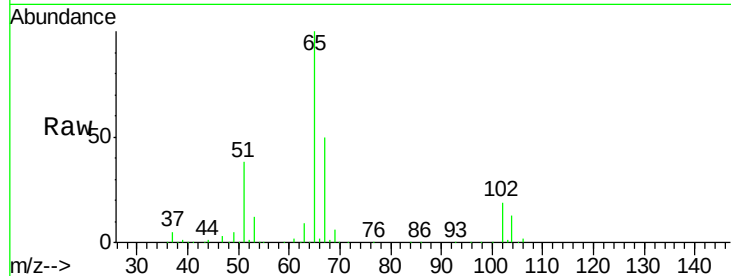




#33
 1,2-Dichloroethane-d4
 Concen: 45.90 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

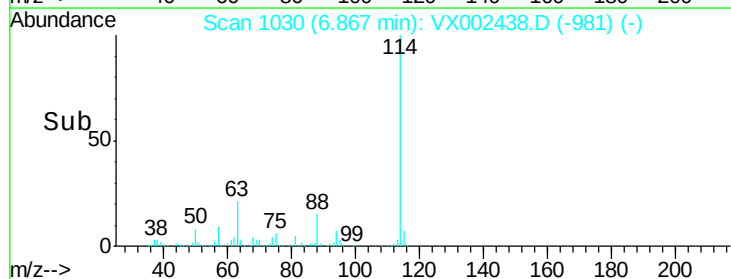
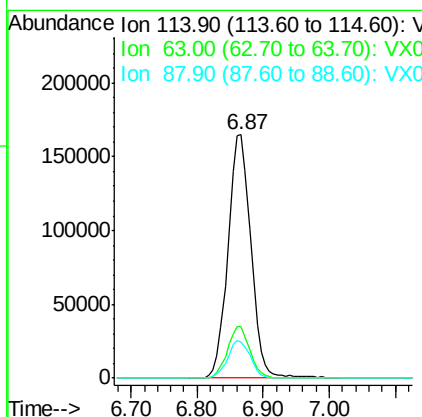
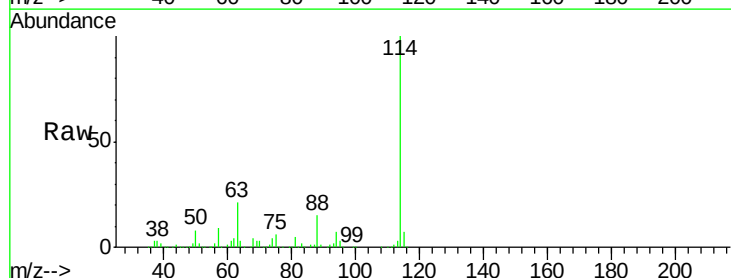
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

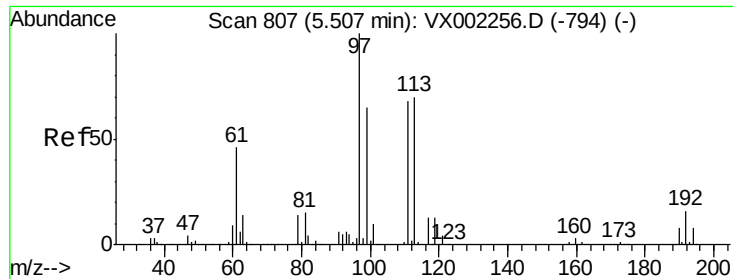
Tot Ion: 65 Resp: 187988
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion: 114 Resp: 397126
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.0 0.0 30.0

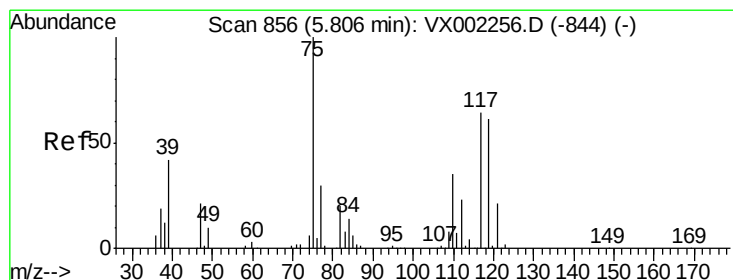
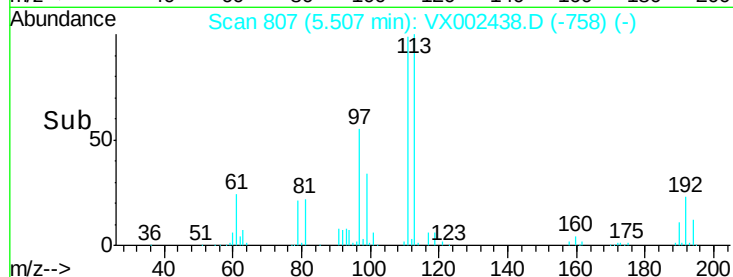
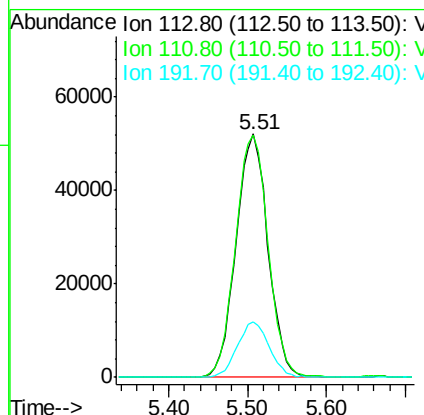
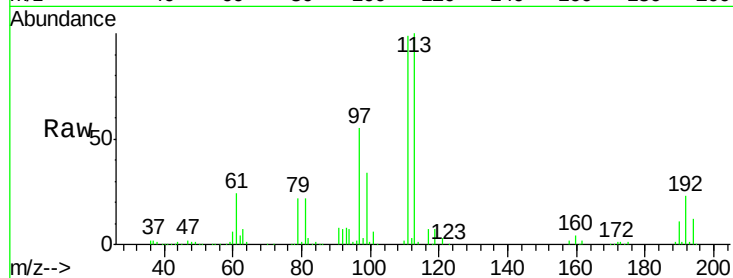




#35
 Dibromofluoromethane
 Concen: 46.95 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

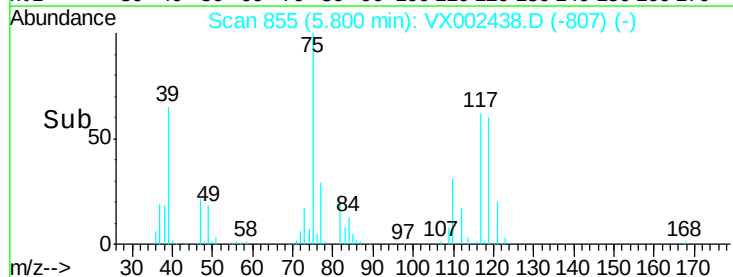
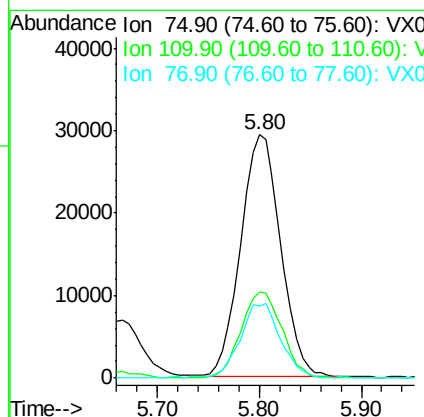
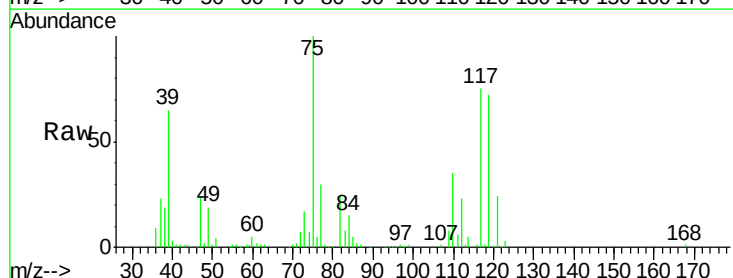
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBS01

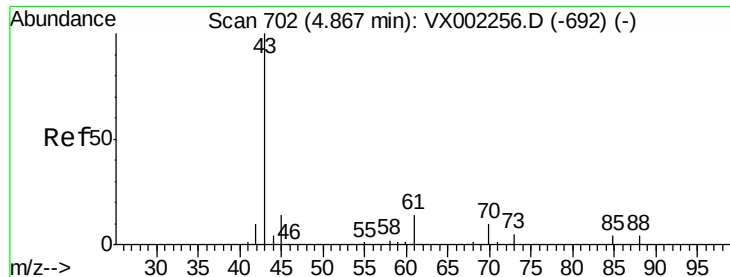
Tot Ion:113 Resp: 146641
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 22.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.18 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion: 75 Resp: 80072
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.1 54.4
 77 31.0 24.3 36.5

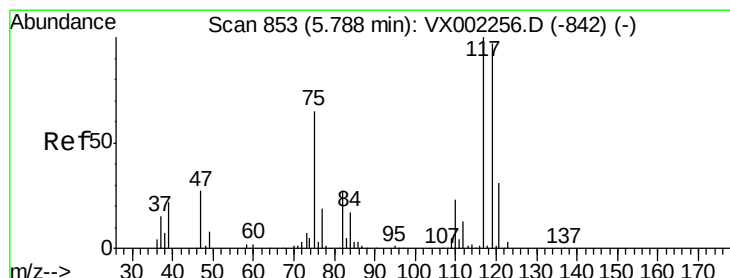
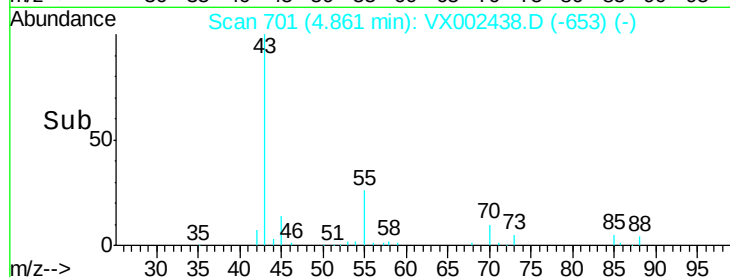
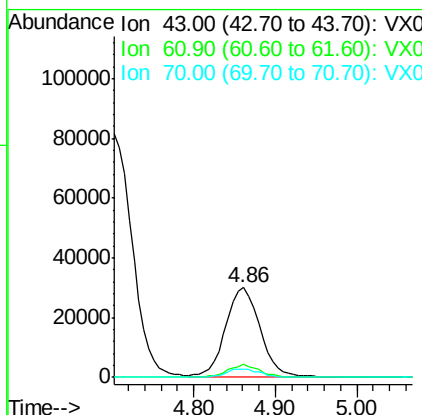
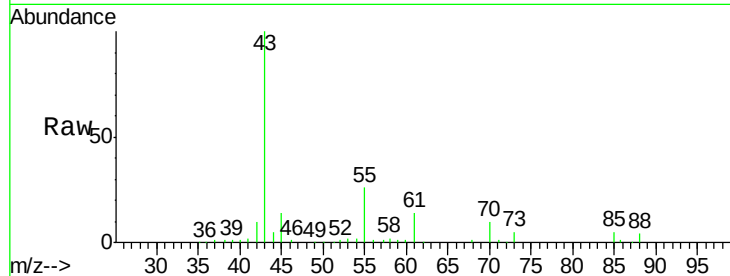




#37
Ethyl Acetate
Concen: 17.35 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

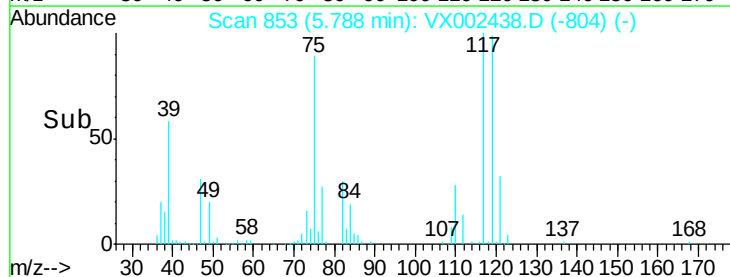
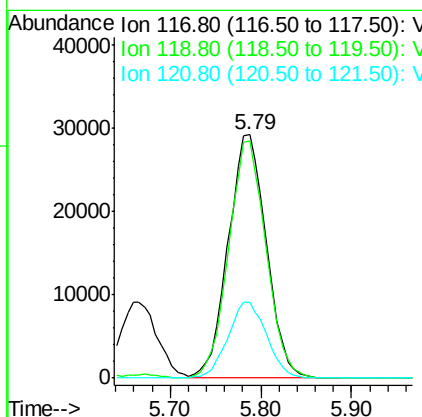
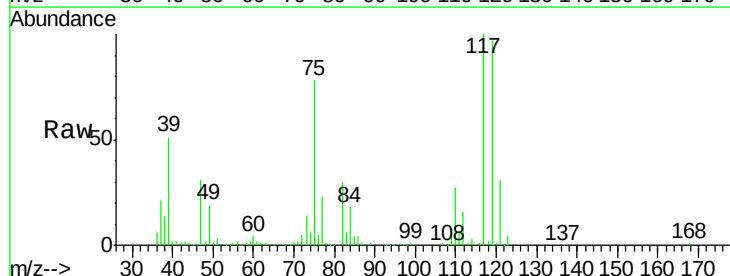
Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

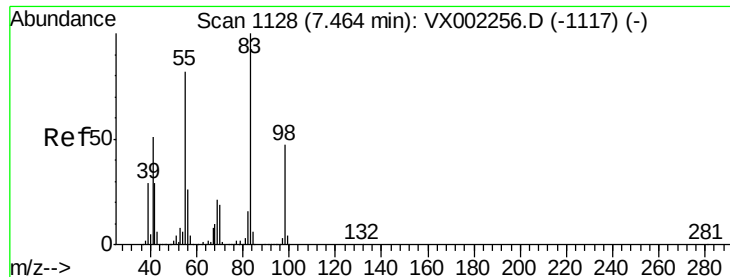
Tot Ion: 43 Resp: 87125
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.57 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 117 Resp: 85477
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 31.0 24.4 36.6

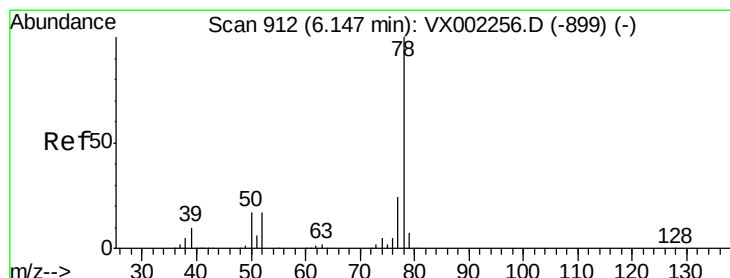
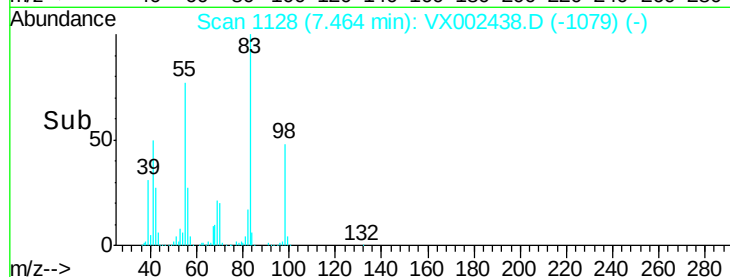
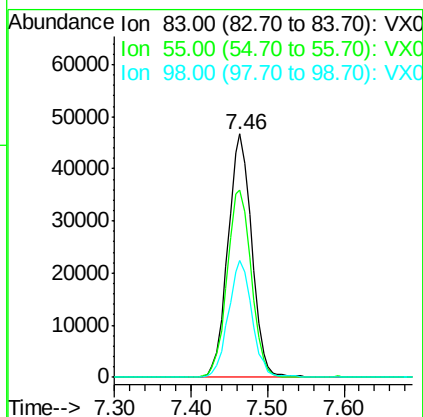
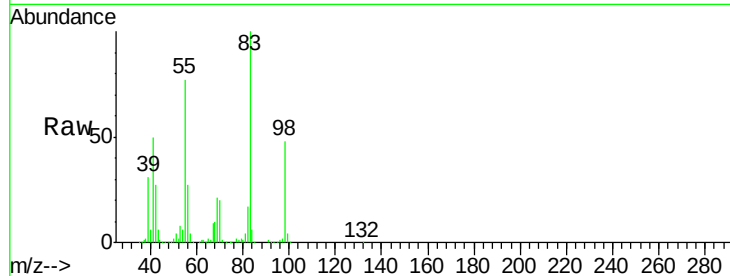




#39
Methylvlcyclohexane
Concen: 19.62 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

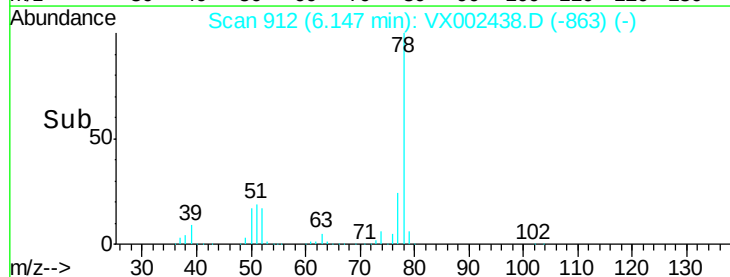
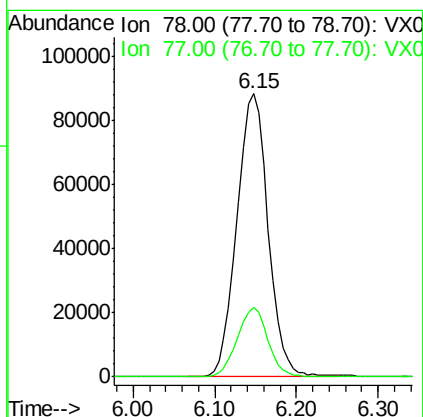
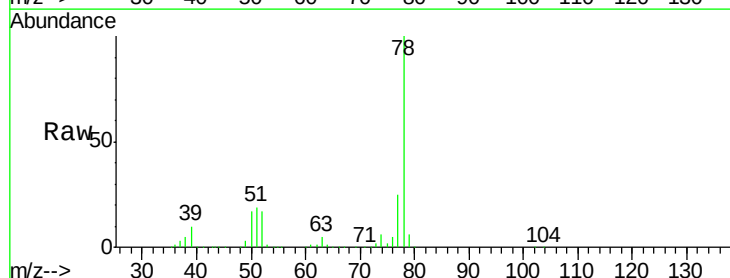
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

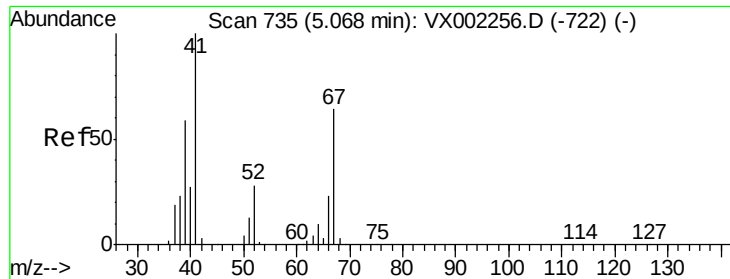
Tot Ion: 83 Resp: 100366
Ion Ratio Lower Upper
83 100
55 77.0 65.4 98.0
98 48.1 37.4 56.0



#40
Benzene
Concen: 18.39 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 78 Resp: 235431
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

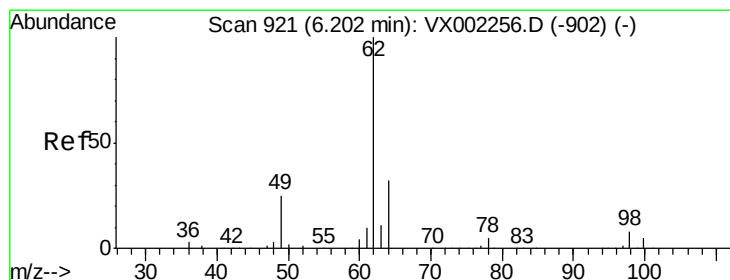
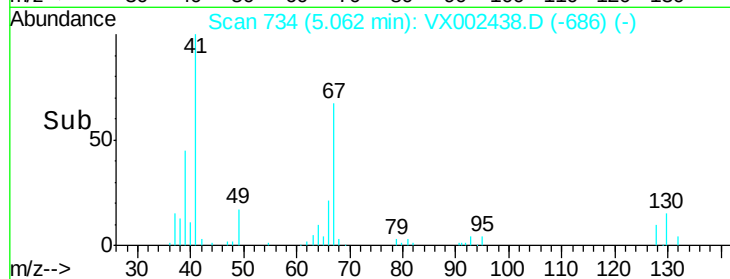
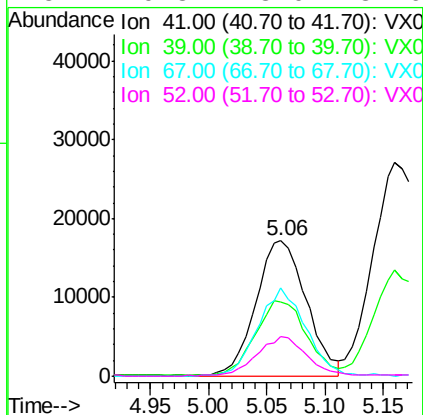
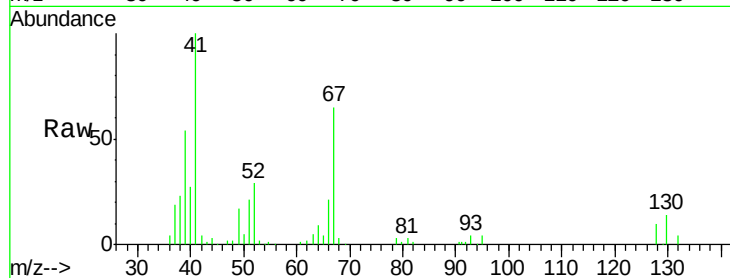




#41
Methacrylonitrile
Concen: 17.78 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

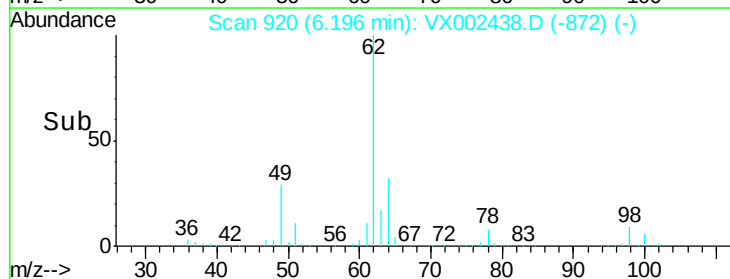
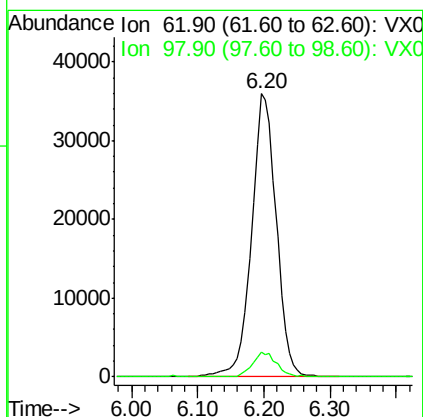
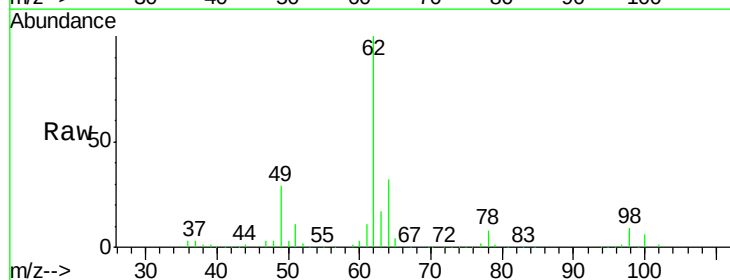
Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

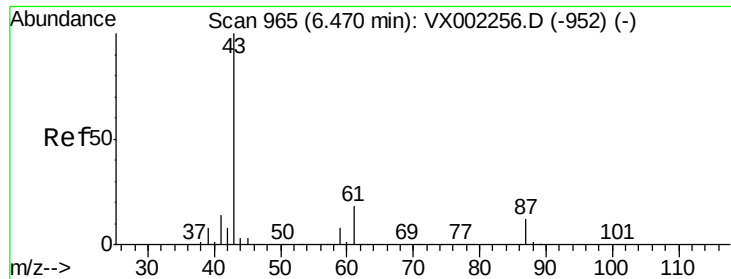
Tot Ion:	41	Resp:	51105
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.8	68.6
67	63.2	51.3	76.9
52	29.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.32 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion:	62	Resp:	93168
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6





#43

Isopropyl Acetate

Concen: 17.37 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

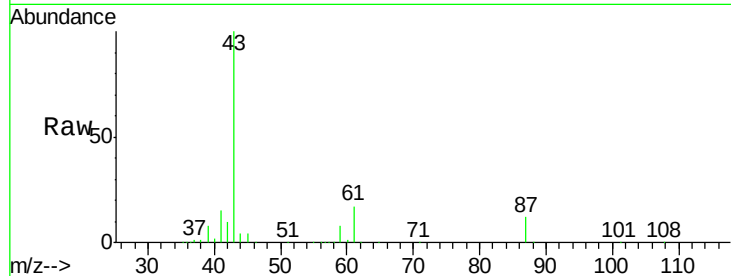
Tot Ion: 43 Resp: 148147

Ion Ratio Lower Upper

43 100

61 17.5 14.4 21.6

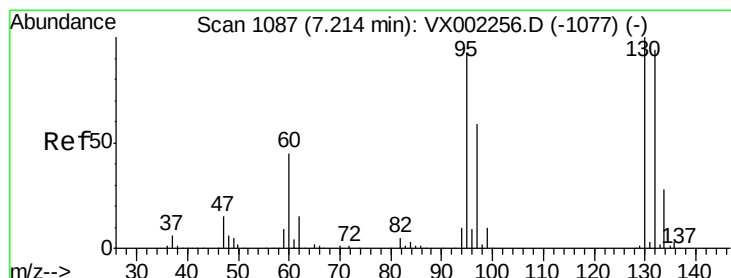
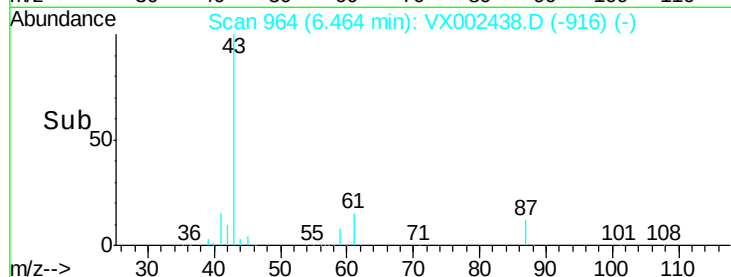
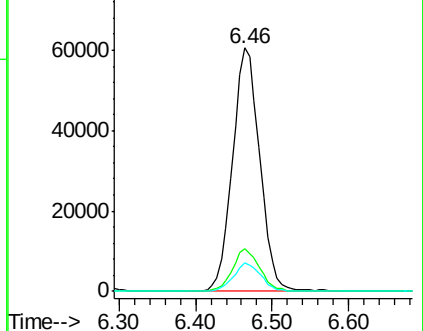
87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.07 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002438.D

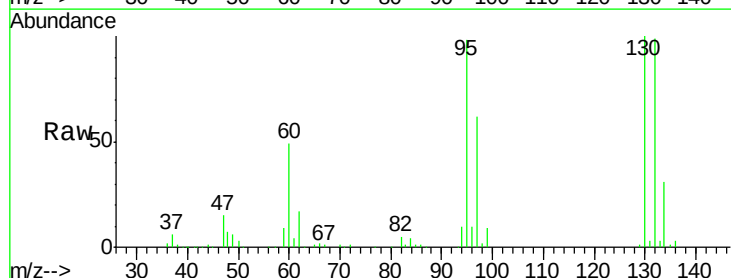
Acq: 11 Jun 2018 13:00

Tgt Ion:130 Resp: 67745

Ion Ratio Lower Upper

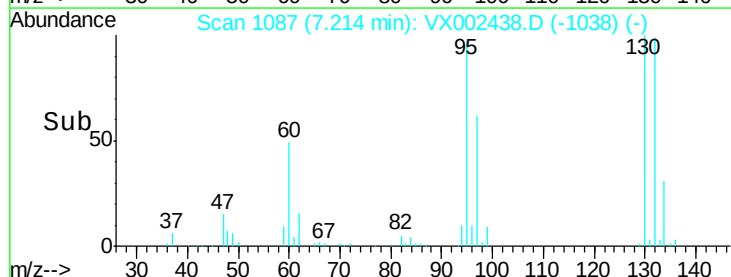
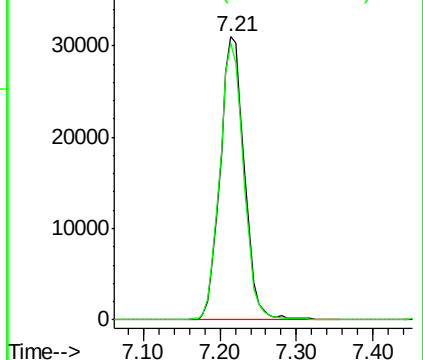
130 100

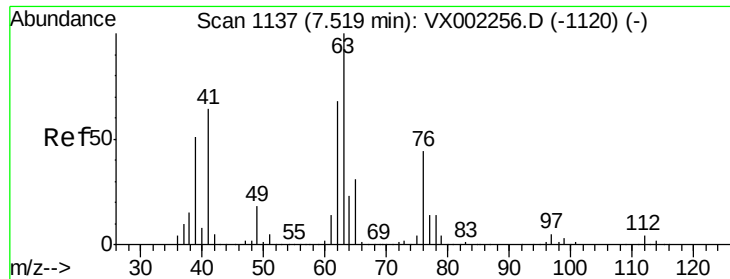
95 97.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

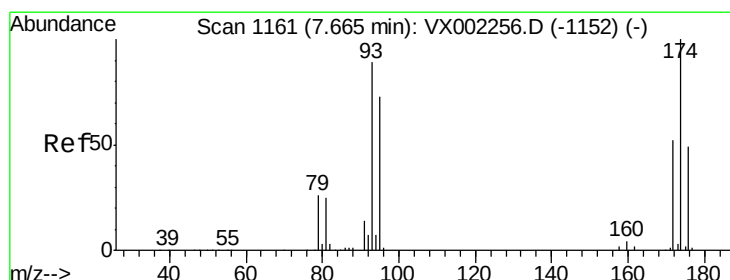
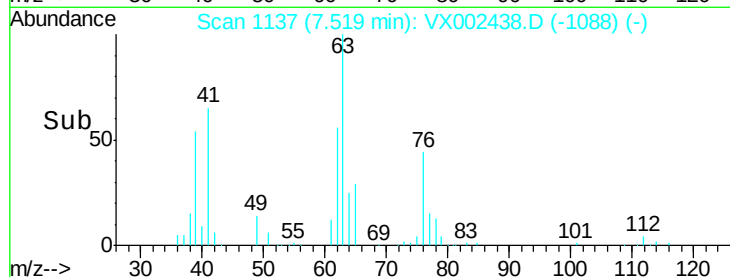
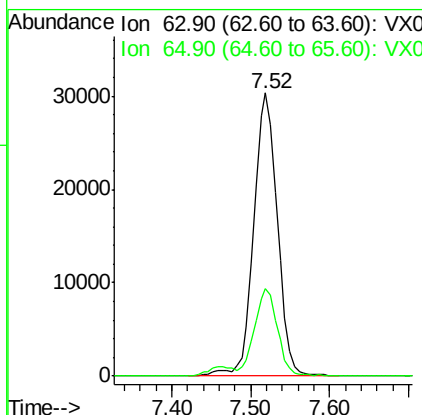
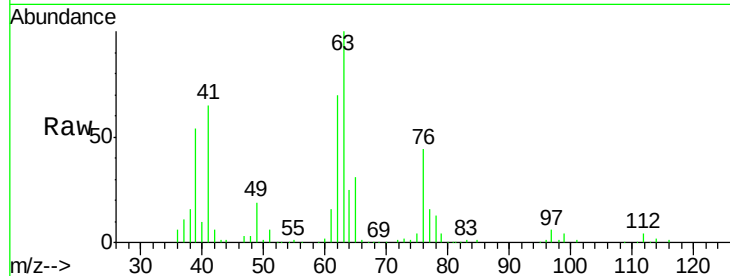




#45
1,2-Dichloropropane
Concen: 18.28 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

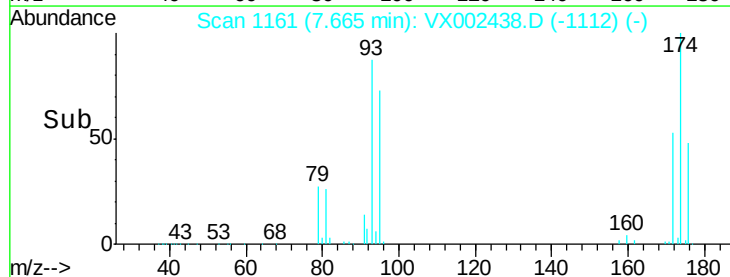
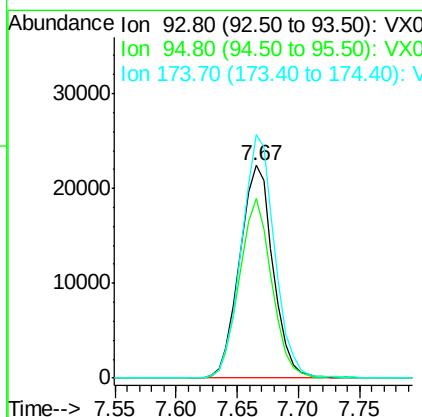
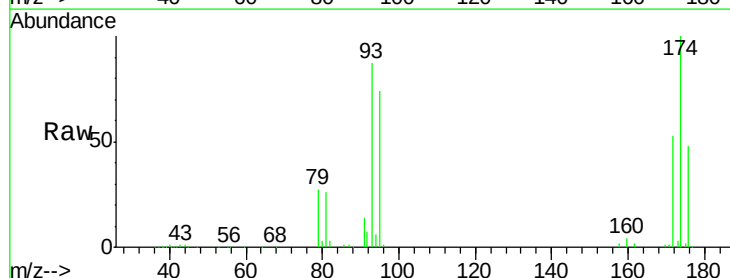
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

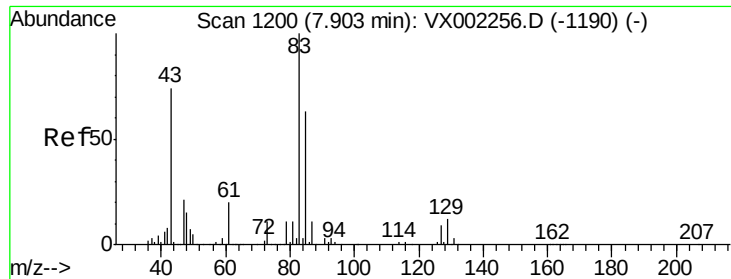
Tot Ion: 63 Resp: 63189
Ion Ratio Lower Upper
63 100
65 30.8 24.7 37.1



#46
Dibromomethane
Concen: 18.18 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 93 Resp: 42586
Ion Ratio Lower Upper
93 100
95 81.5 65.9 98.9
174 113.5 92.4 138.6

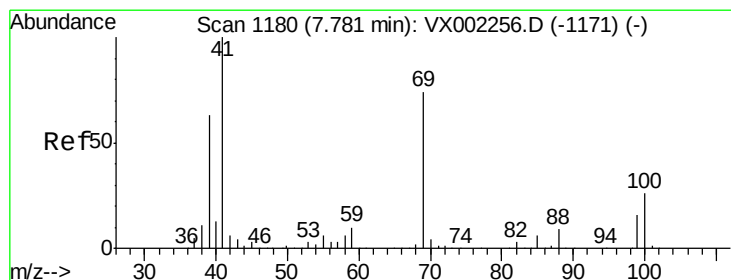
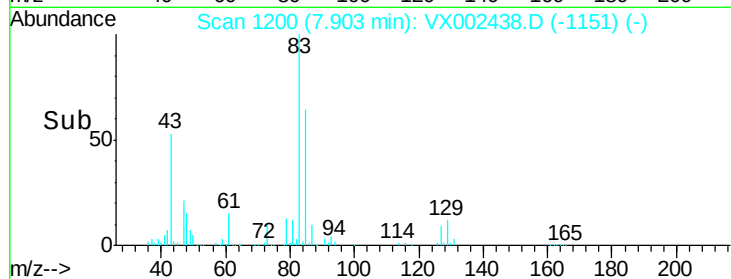
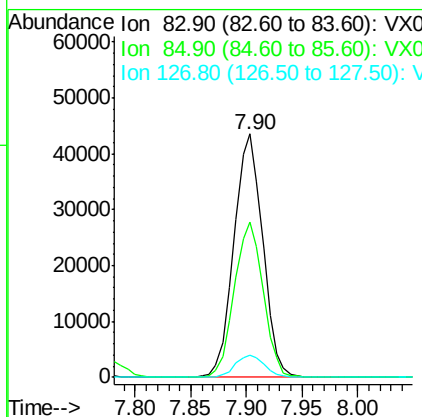
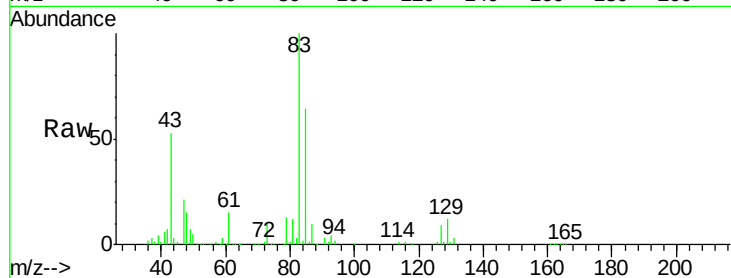




#47
 Bromodichloromethane
 Concen: 18.46 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

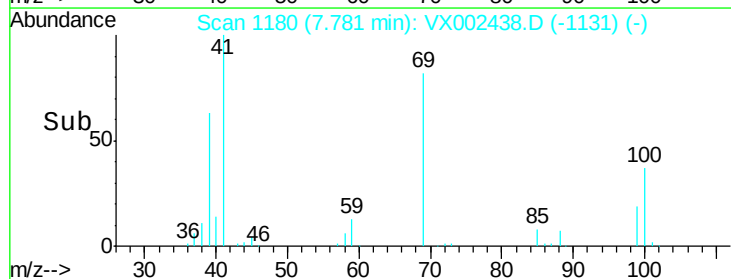
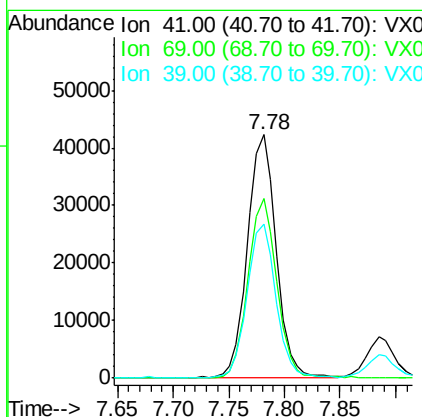
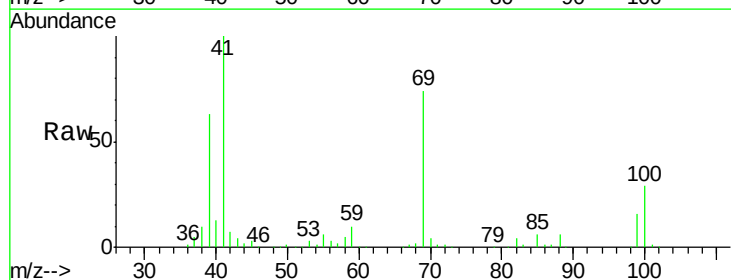
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

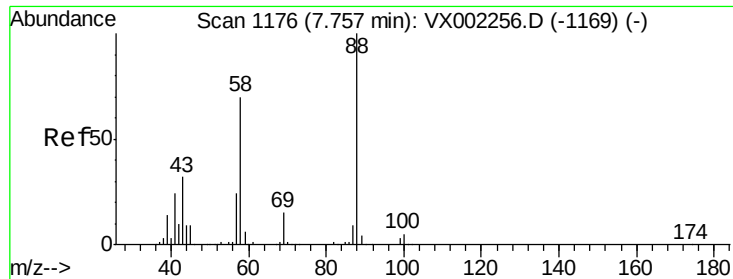
Tot Ion: 83 Resp: 78208
 Ion Ratio Lower Upper
 83 100
 85 64.0 50.3 75.5
 127 9.2 7.0 10.4



#48
 Methyl methacrylate
 Concen: 17.63 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion: 41 Resp: 75507
 Ion Ratio Lower Upper
 41 100
 69 75.3 59.1 88.7
 39 63.4 48.9 73.3

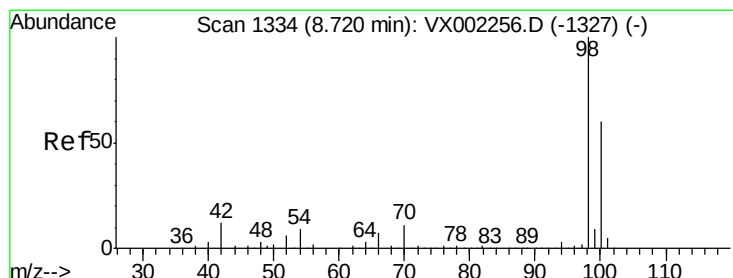
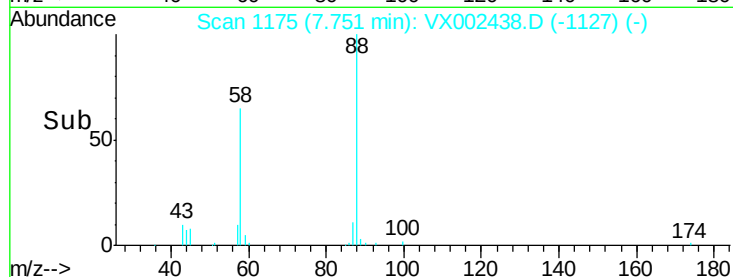
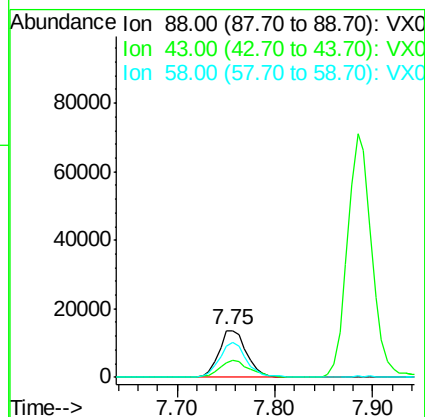
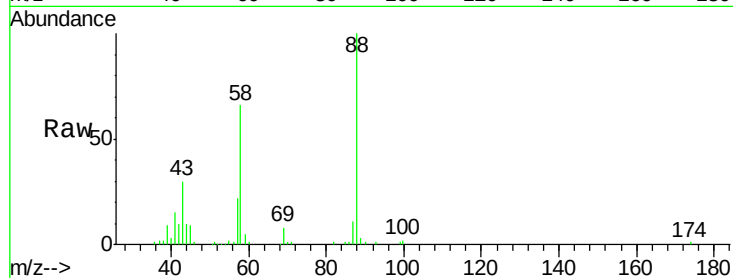




#49
1,4-Dioxane
Concen: 339.69 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

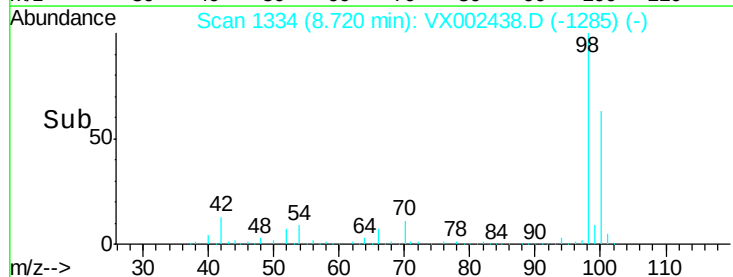
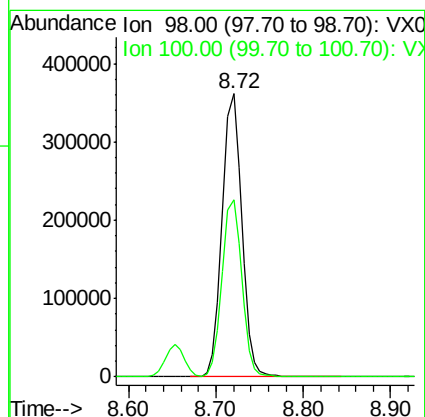
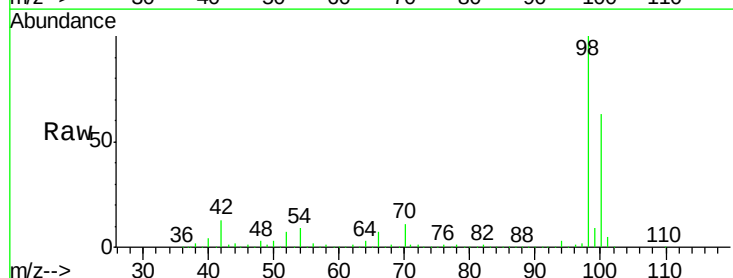
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

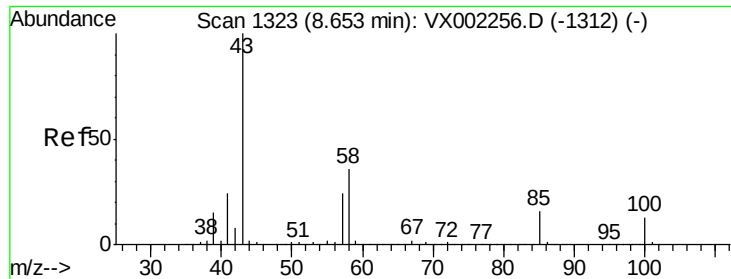
Tot Ion: 88 Resp: 27207
Ion Ratio Lower Upper
88 100
43 38.0 29.8 44.6
58 72.6 57.1 85.7



#50
Toluene-d8
Concen: 47.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 98 Resp: 565152
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 88.19 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

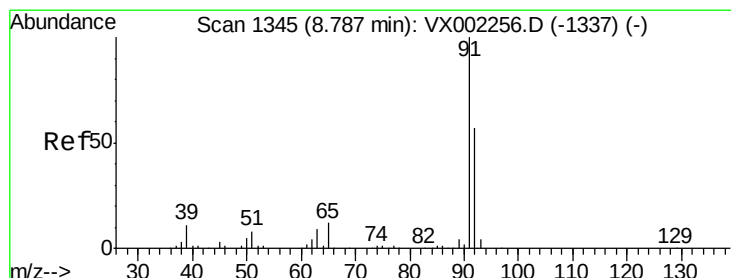
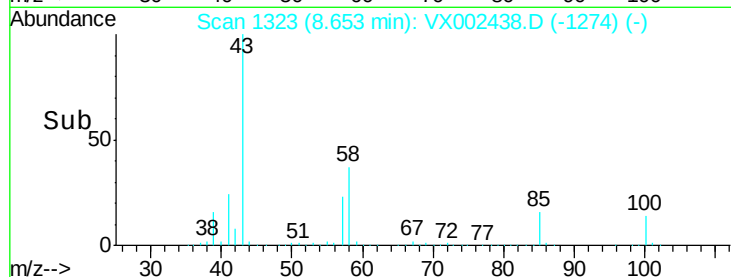
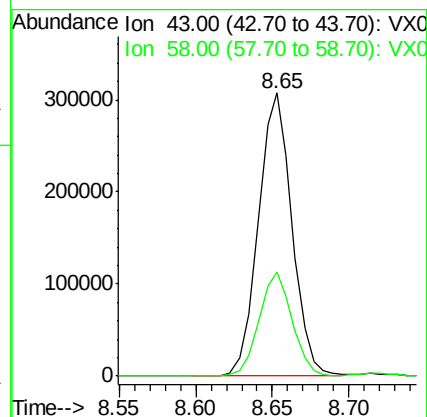
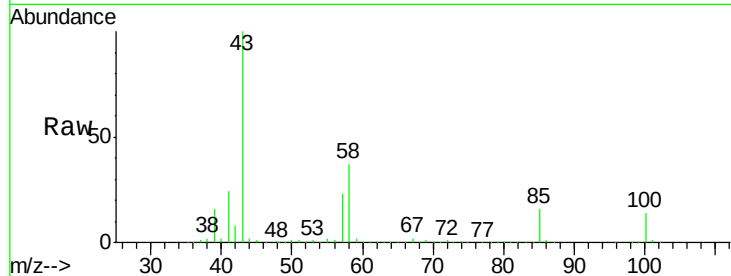
VX0611WBS01

Tot Ion: 43 Resp: 468369

Ion Ratio Lower Upper

43 100

58 36.1 28.6 42.8



#52

Toluene

Concen: 19.12 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002438.D

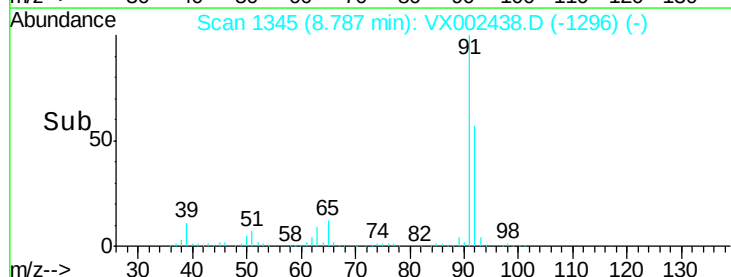
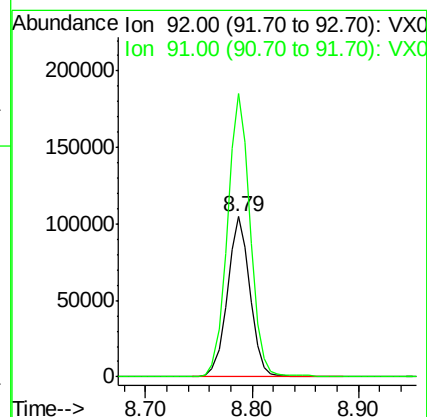
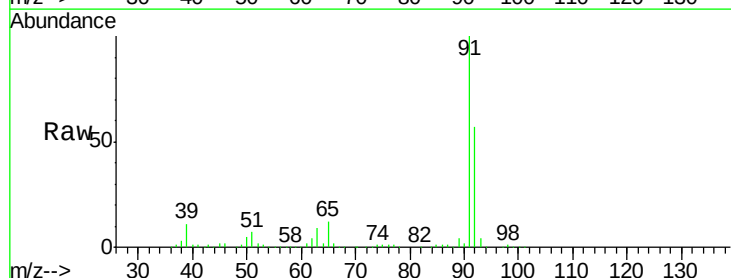
Acq: 11 Jun 2018 13:00

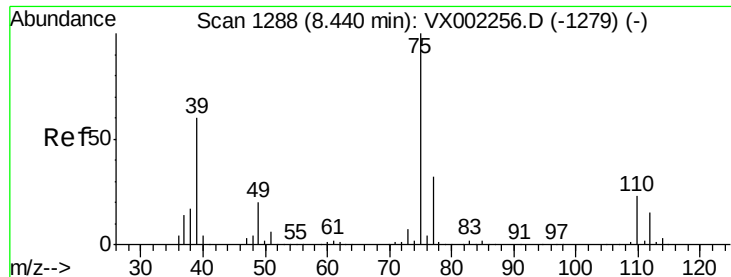
Tgt Ion: 92 Resp: 155667

Ion Ratio Lower Upper

92 100

91 178.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.23 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

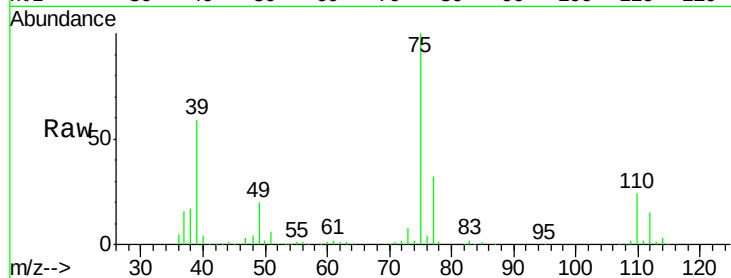
VX0611WBS01

Tot Ion: 75 Resp: 92642

Ion Ratio Lower Upper

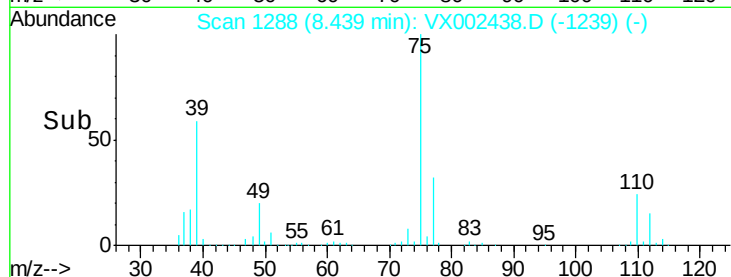
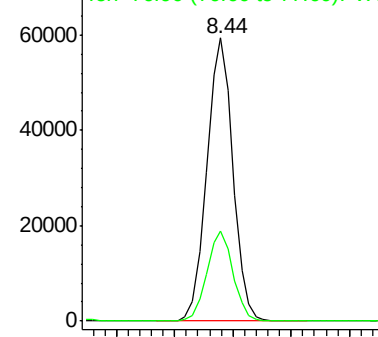
75 100

77 32.0 25.4 38.2

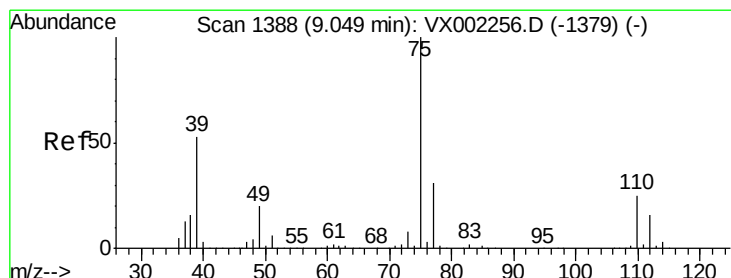


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.95 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

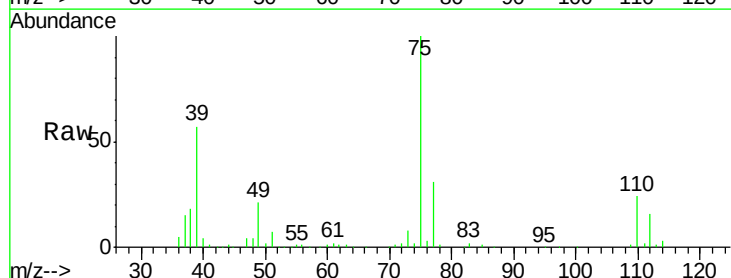
Tgt Ion: 75 Resp: 86063

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

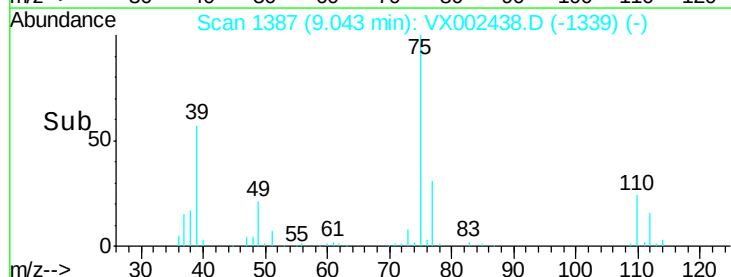
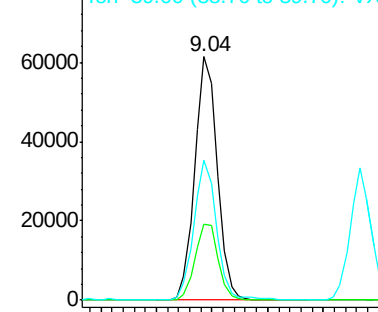
39 57.3 42.4 63.6



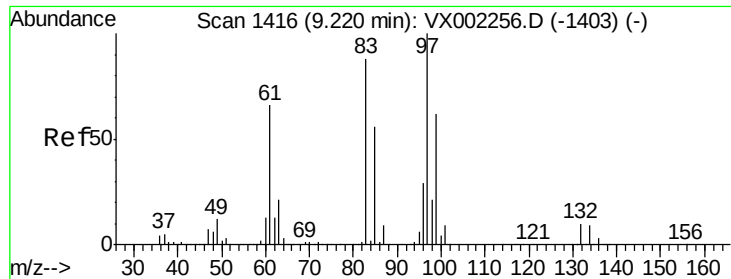
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

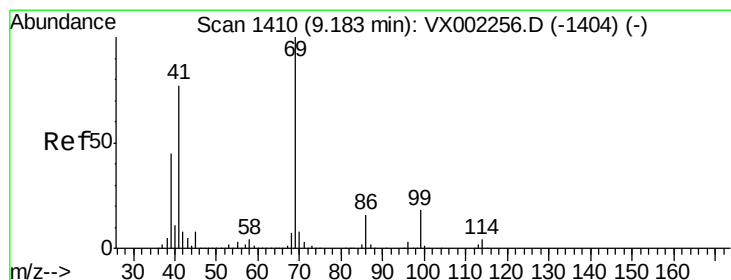
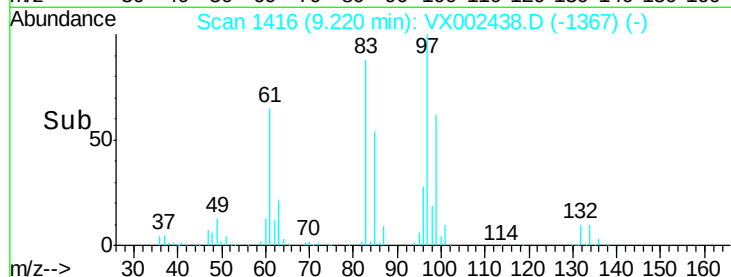
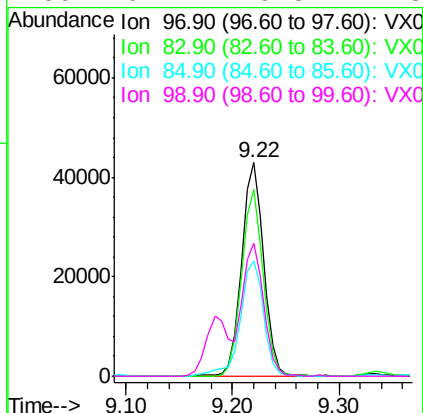
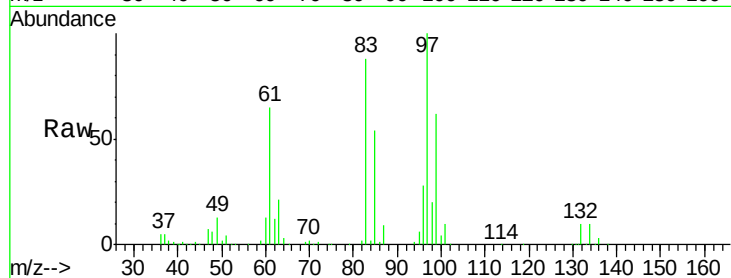


#55
 1,1,2-Trichloroethane
 Concen: 18.77 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tot Ion: 97 Resp: 62842

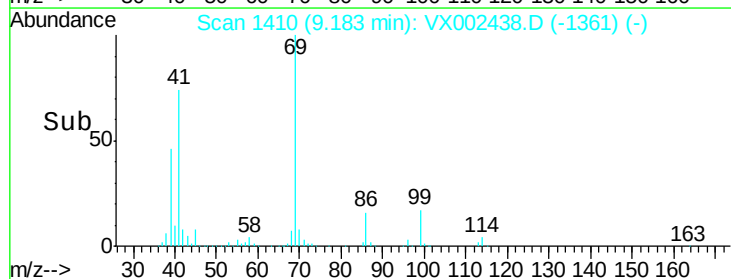
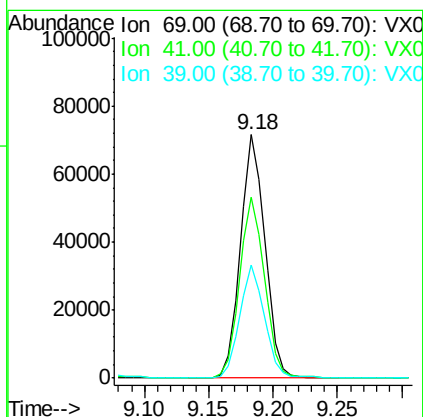
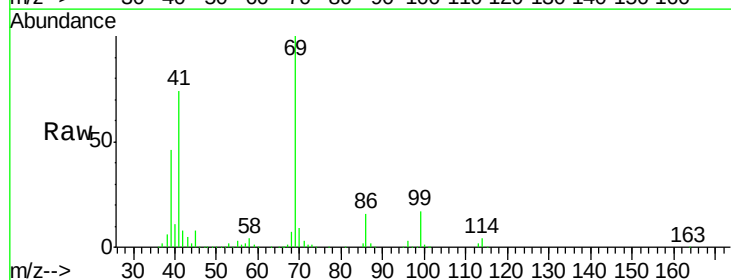
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.2
85	54.0	44.9	67.3
99	62.2	49.8	74.8

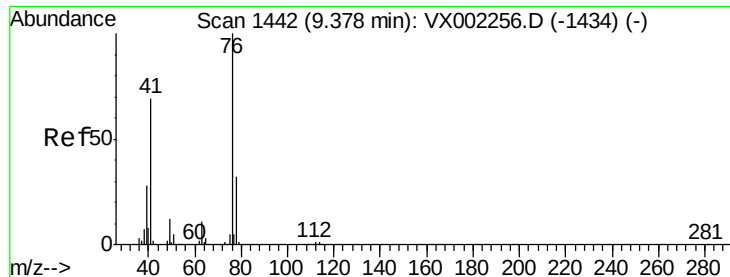


#56
 Ethyl methacrylate
 Concen: 17.69 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion: 69 Resp: 94549

Ion	Ratio	Lower	Upper
69	100		
41	75.0	60.3	90.5
39	46.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 18.51 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

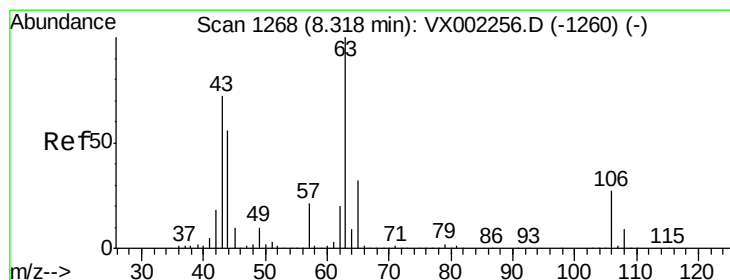
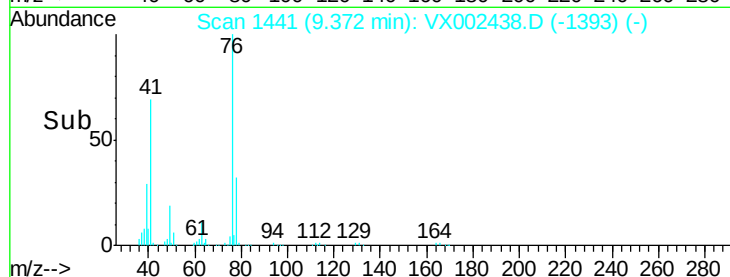
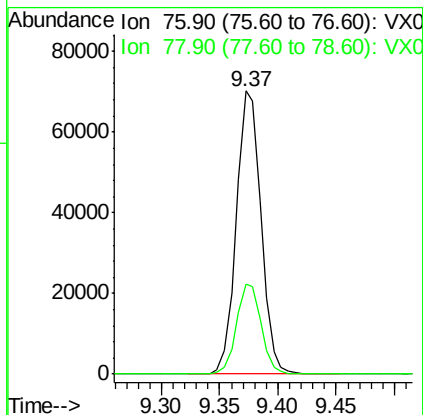
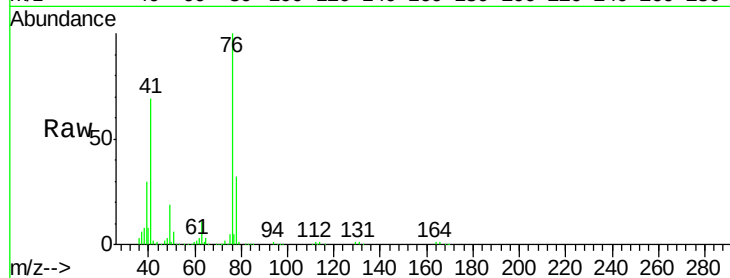
VX0611WBS01

Tot Ion: 76 Resp: 103968

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.25 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002438.D

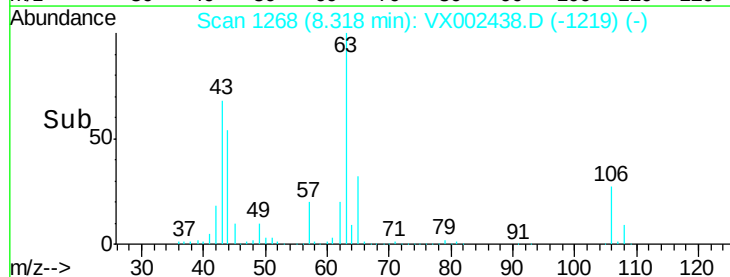
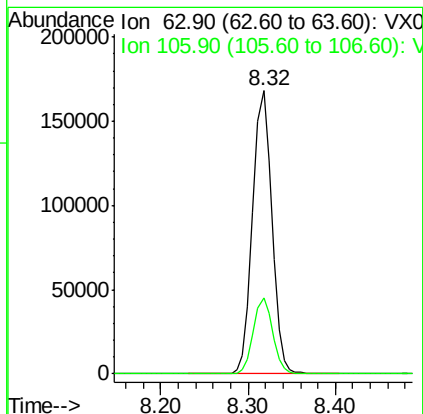
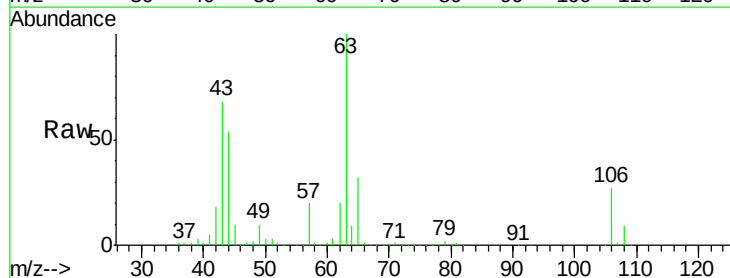
Acq: 11 Jun 2018 13:00

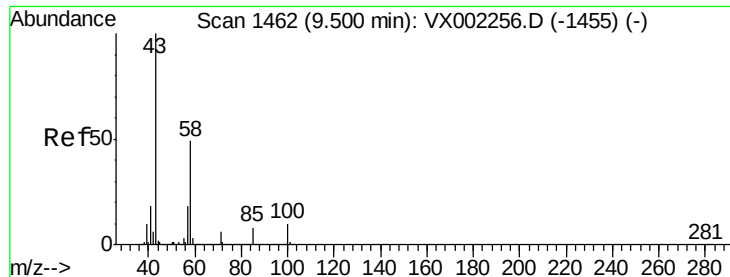
Tgt Ion: 63 Resp: 257947

Ion Ratio Lower Upper

63 100

106 26.8 21.8 32.8

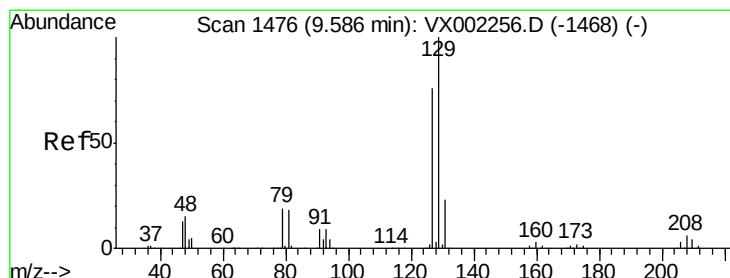
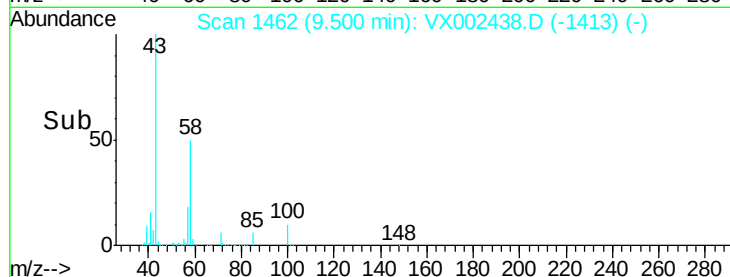
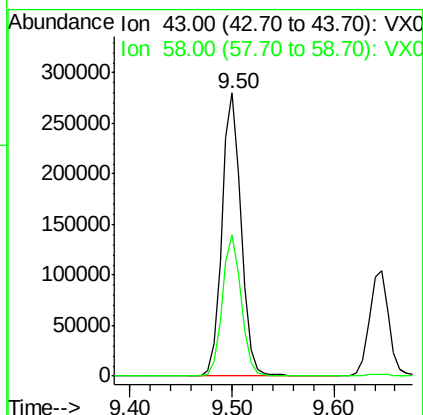
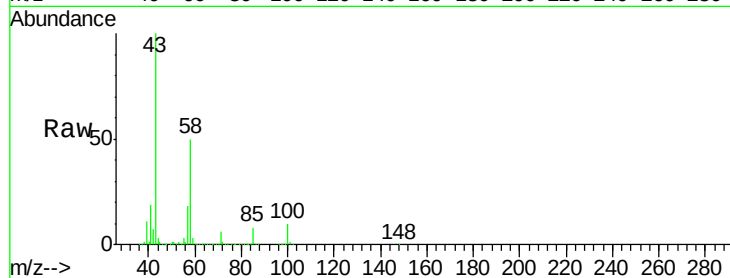




#59
2-Hexanone
Concen: 89.30 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

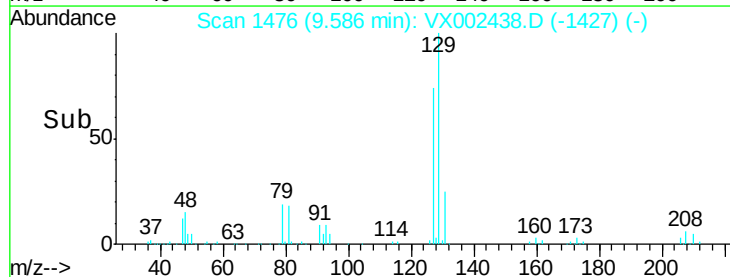
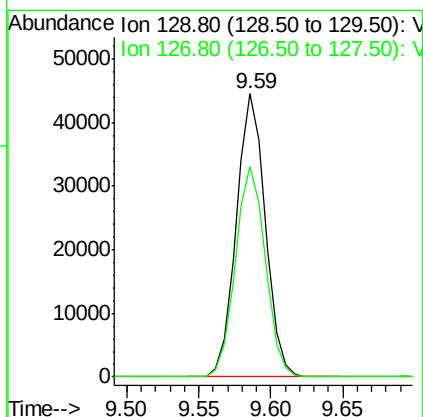
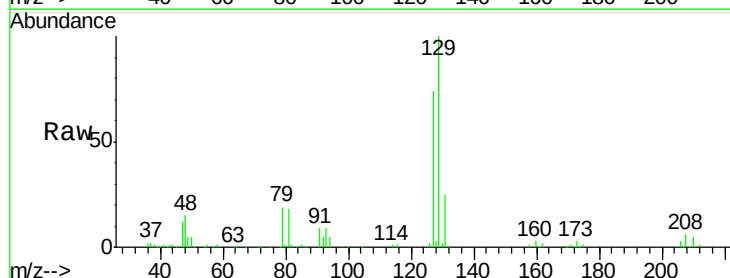
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

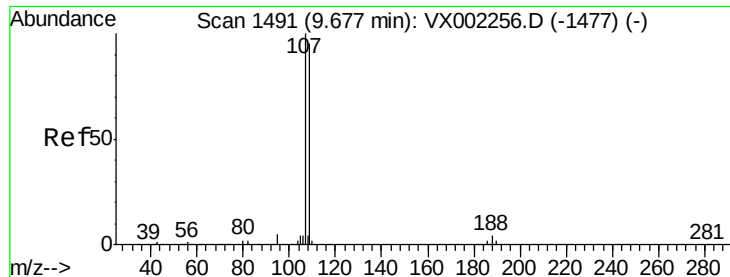
Tot Ion: 43 Resp: 366302
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.6



#60
Dibromochloromethane
Concen: 18.54 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion: 129 Resp: 62435
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.55 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

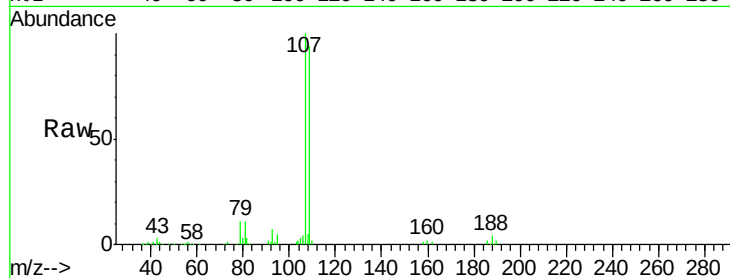
VX0611WBS01

Tot Ion:107 Resp: 64772

Ion Ratio Lower Upper

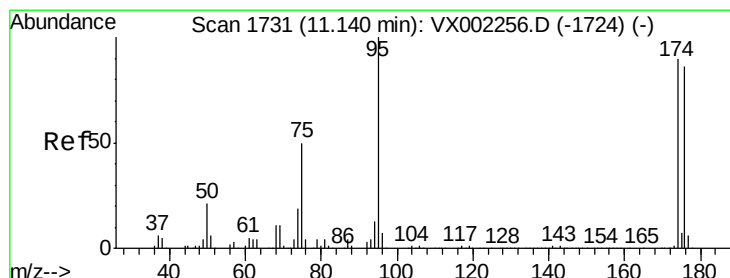
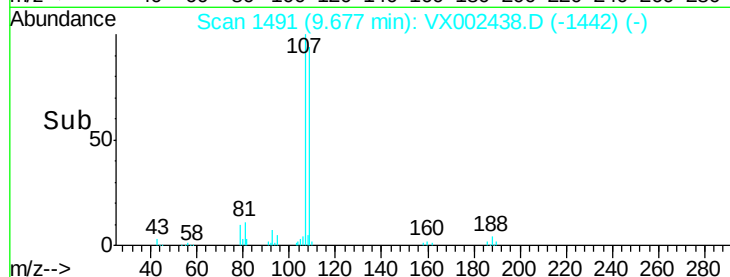
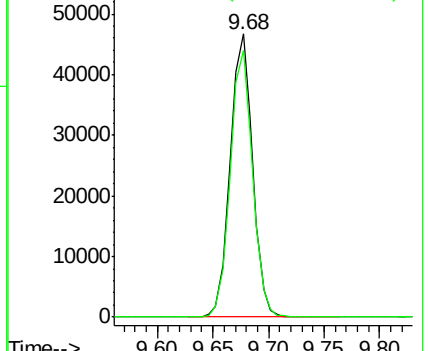
107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

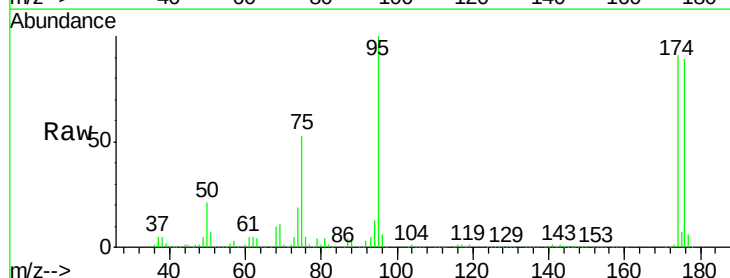
Tgt Ion: 95 Resp: 214392

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.4

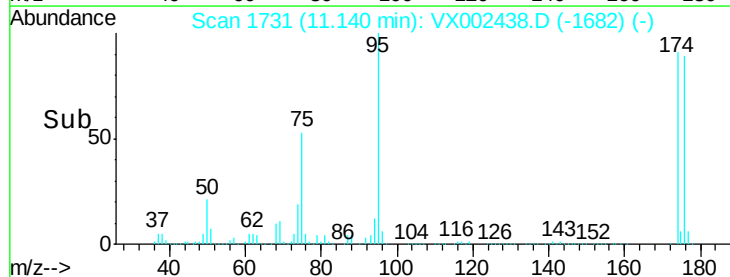
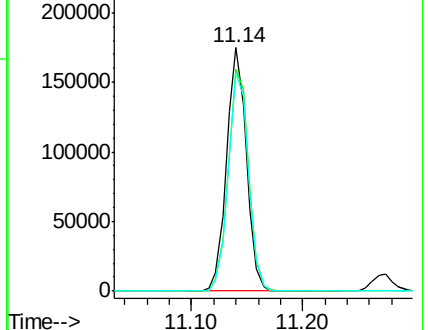
176 91.5 0.0 181.0

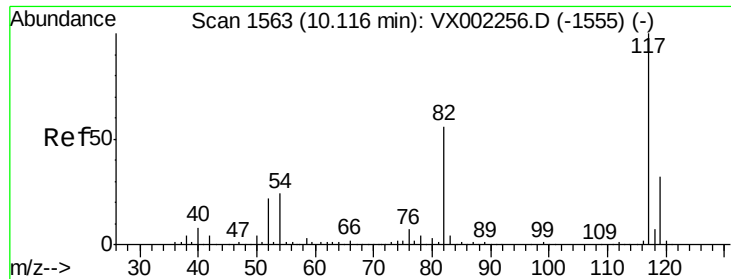


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

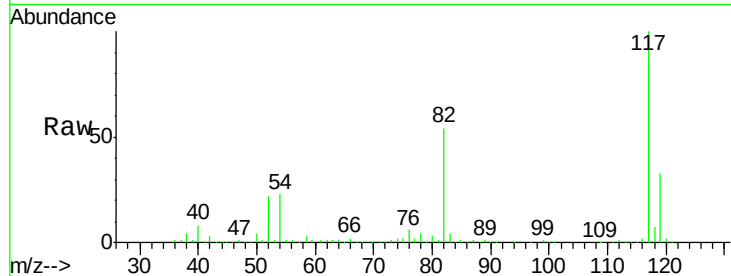




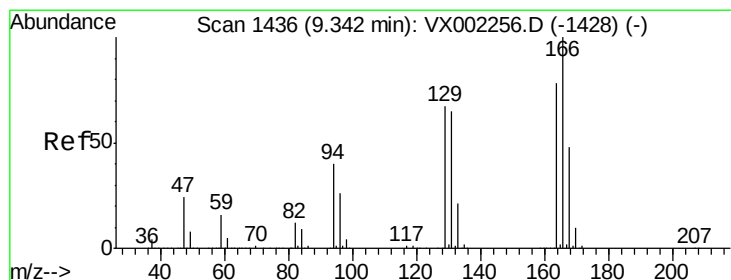
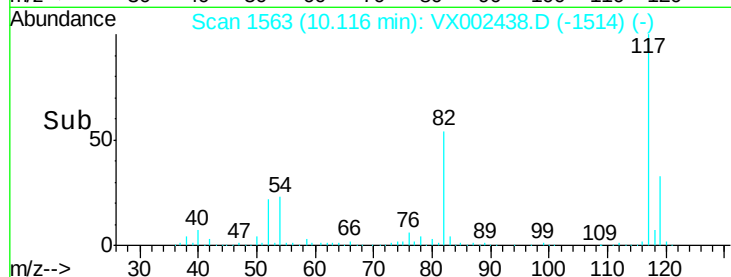
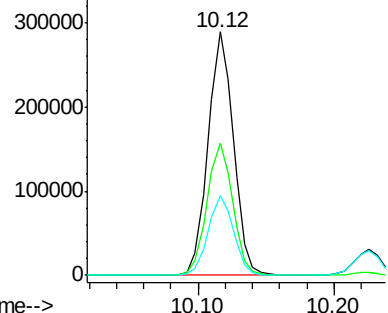
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tot Ion:117 Resp: 375736
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.6 25.8 38.6

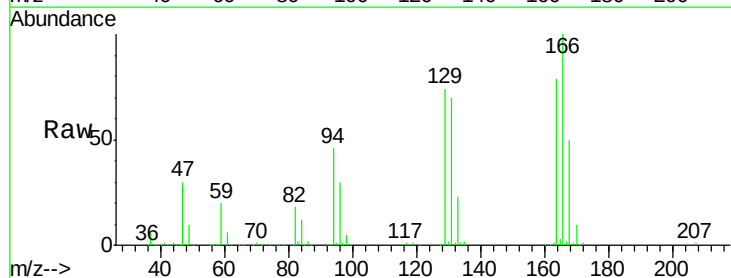


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

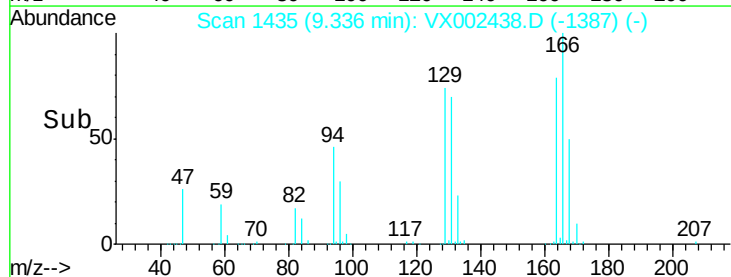
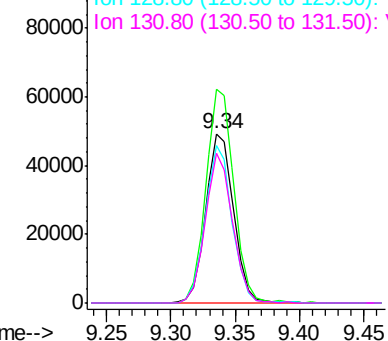


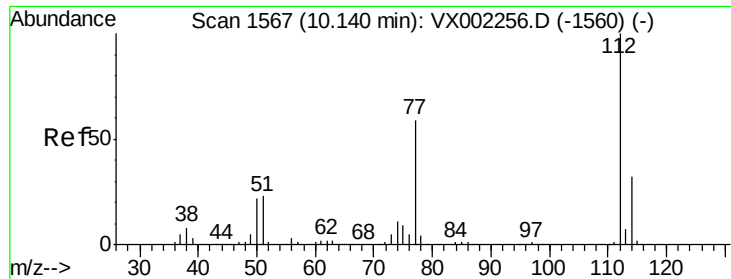
#64
Tetrachloroethene
Concen: 19.12 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion:164 Resp: 74073
Ion Ratio Lower Upper
164 100
166 126.0 102.9 154.3
129 92.9 68.6 102.8
131 88.2 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

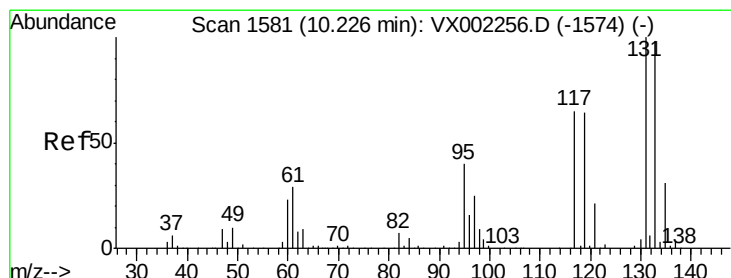
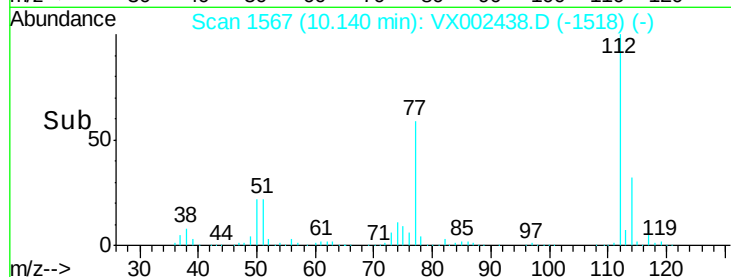
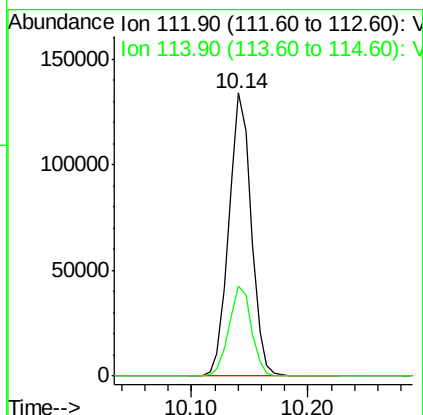
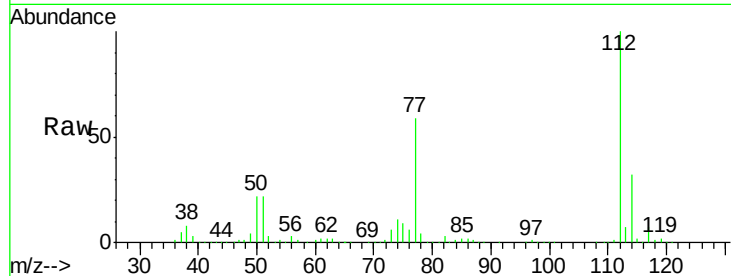




#65
Chlorobenzene
Concen: 19.23 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

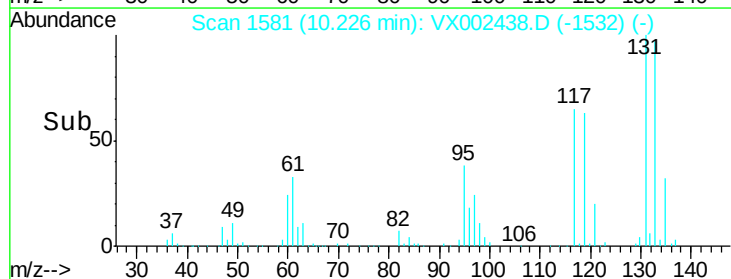
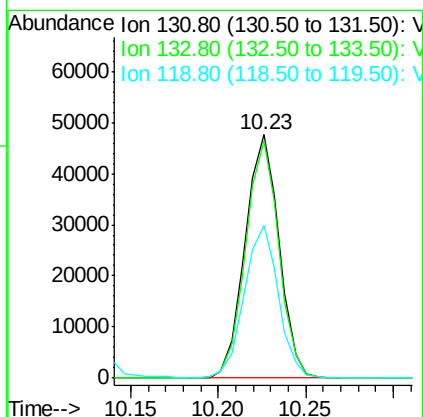
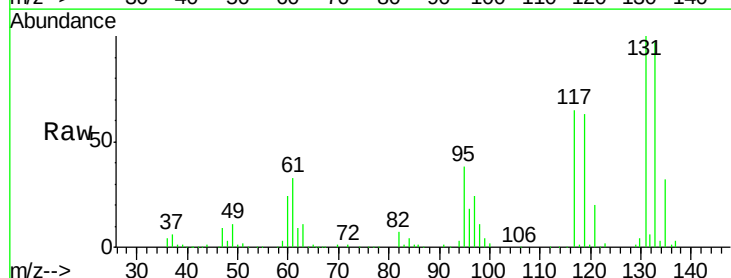
Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

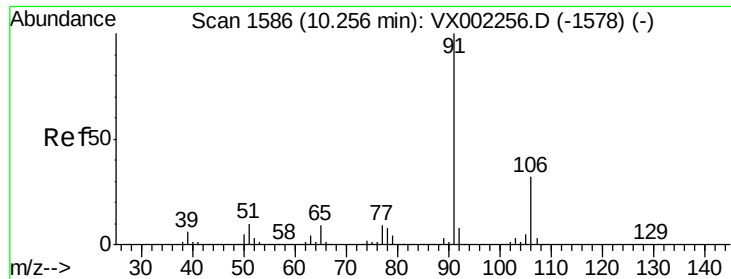
Tot Ion:112 Resp: 179746
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.98 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion:131 Resp: 64248
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 62.9 31.8 95.3





#67

Ethyl Benzene

Concen: 19.91 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

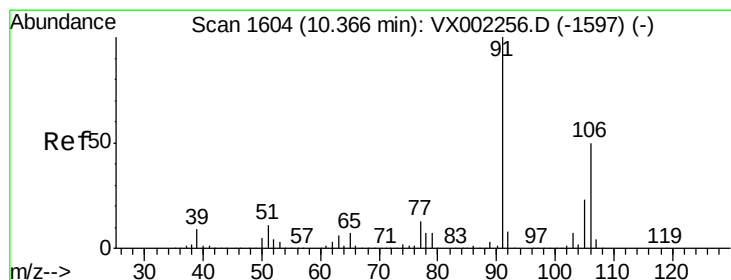
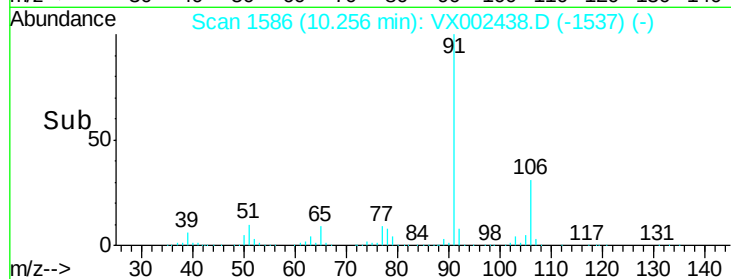
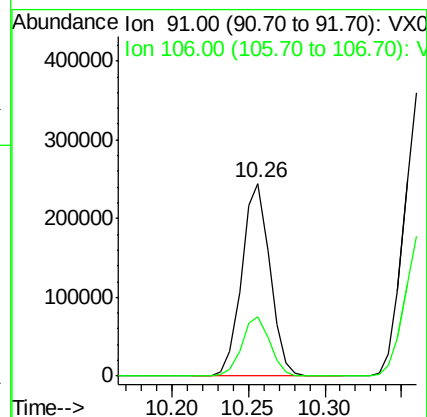
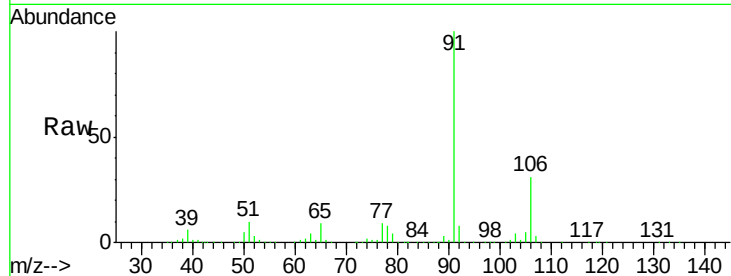
VX0611WBS01

Tot Ion: 91 Resp: 311513

Ion Ratio Lower Upper

91 100

106 30.7 25.5 38.3



#68

m/p-Xylenes

Concen: 39.17 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002438.D

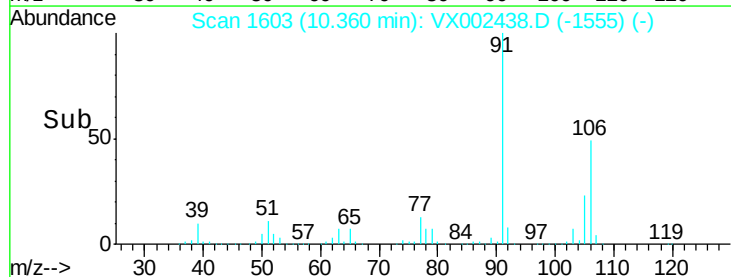
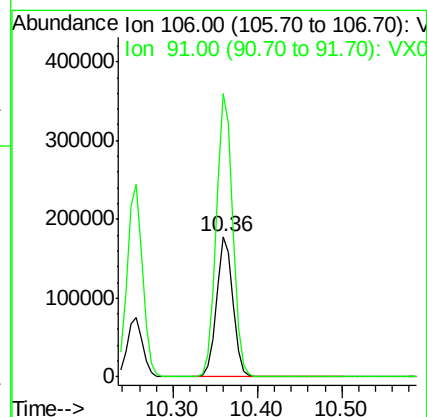
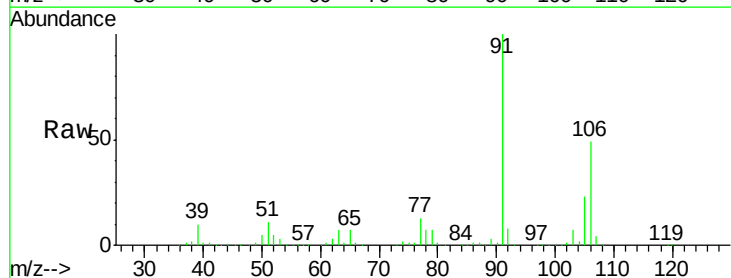
Acq: 11 Jun 2018 13:00

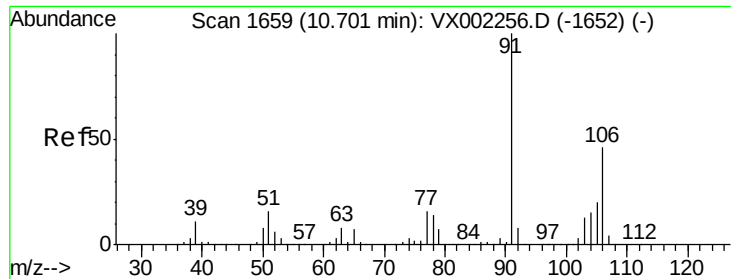
Tgt Ion: 106 Resp: 238215

Ion Ratio Lower Upper

106 100

91 204.2 163.4 245.2

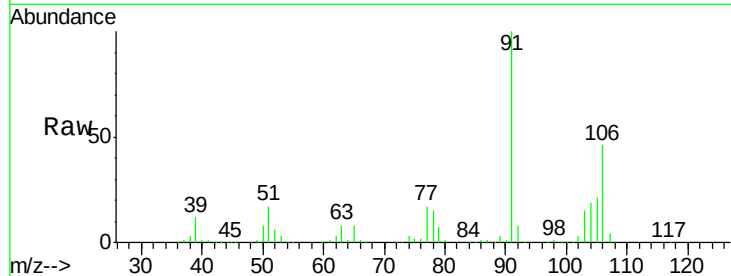




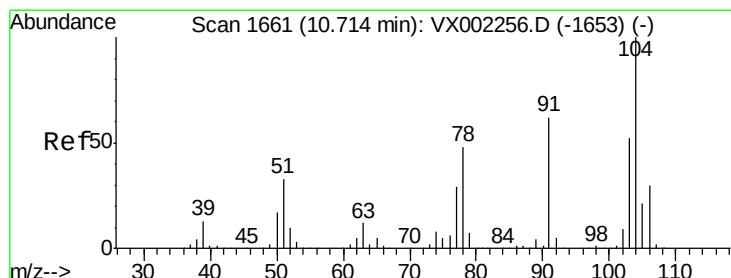
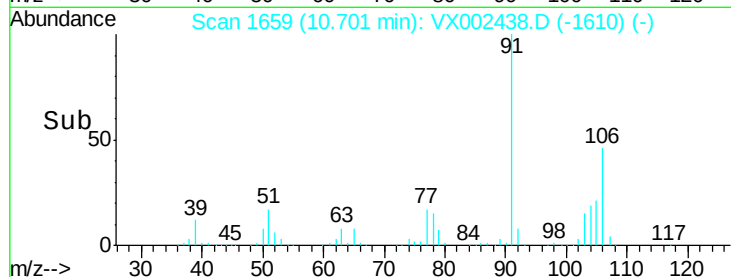
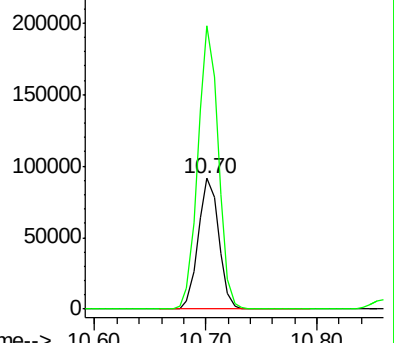
#69
o-Xylene
Concen: 19.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Instrument :
MSVOA_X
ClientSampled :
VX0611WBS01

Tot Ion:106 Resp: 116908
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6

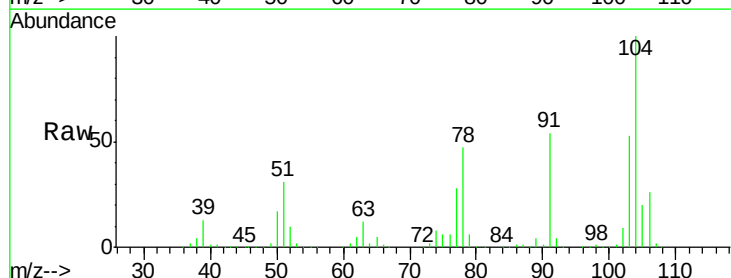


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

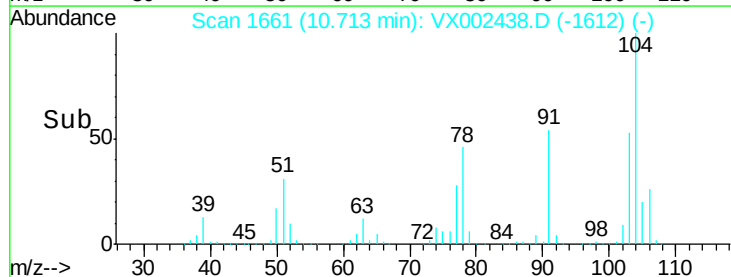
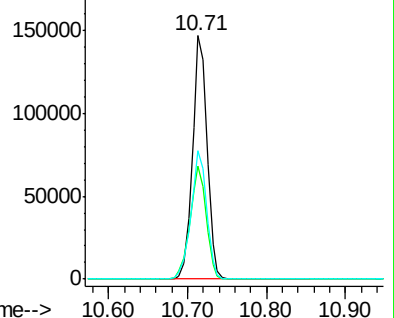


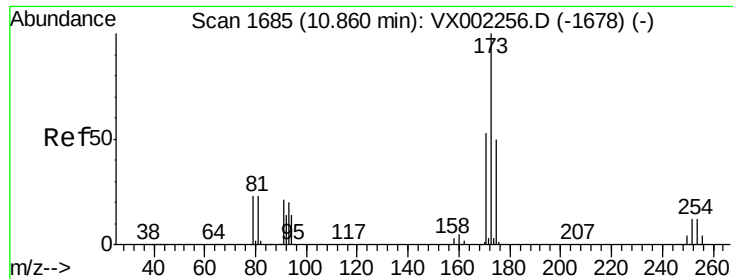
#70
Styrene
Concen: 19.15 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002438.D
Acq: 11 Jun 2018 13:00

Tgt Ion:104 Resp: 189489
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.74 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

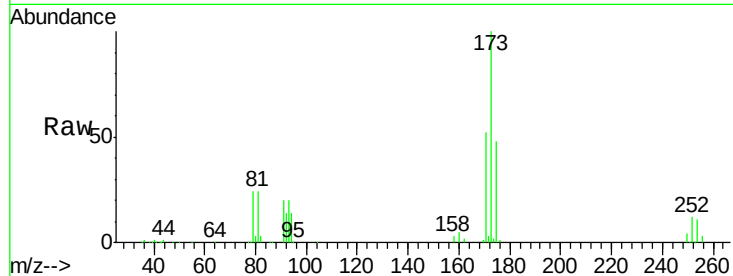
Tot Ion:173 Resp: 46512

Ion Ratio Lower Upper

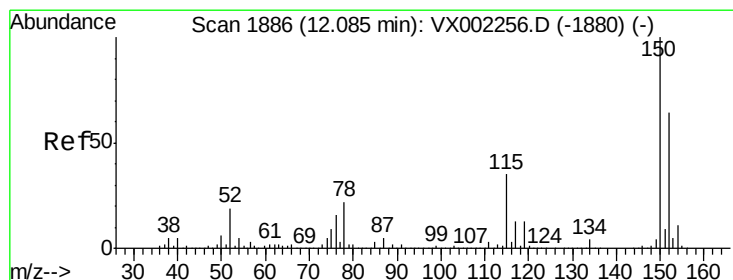
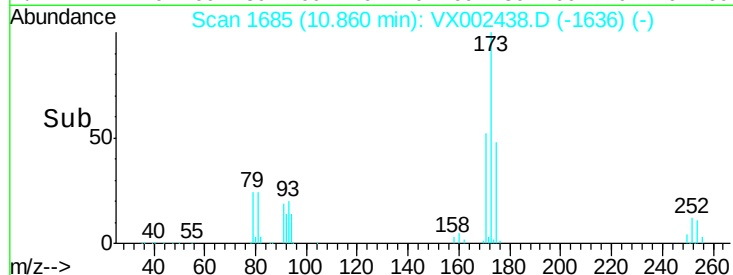
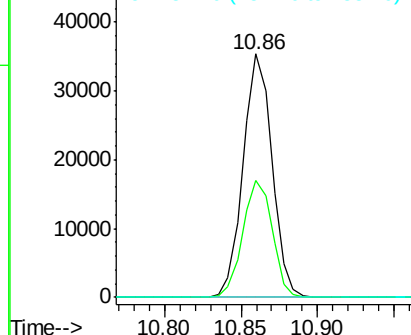
173 100

175 49.1 24.7 74.1

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

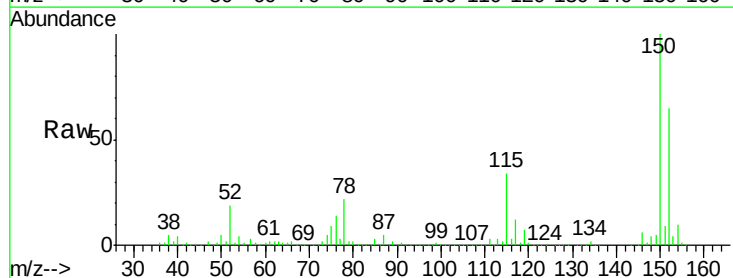
Tgt Ion:152 Resp: 242527

Ion Ratio Lower Upper

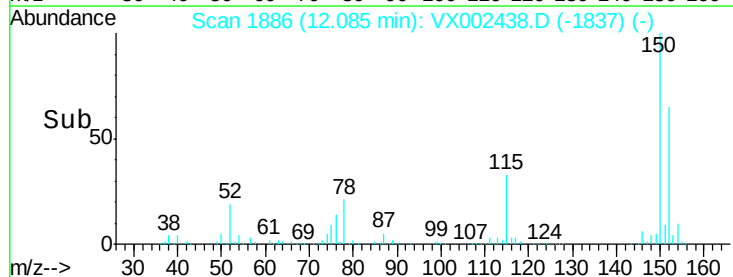
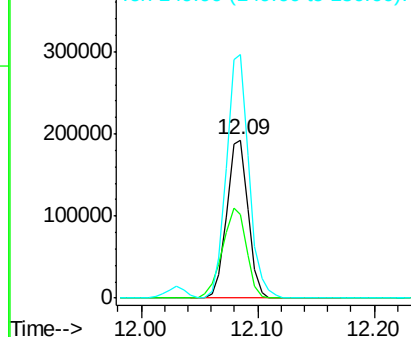
152 100

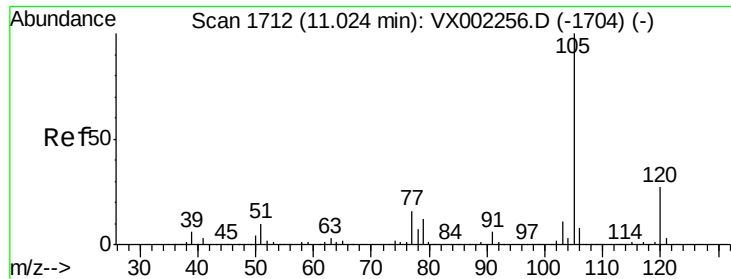
115 64.5 40.1 120.2

150 162.4 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

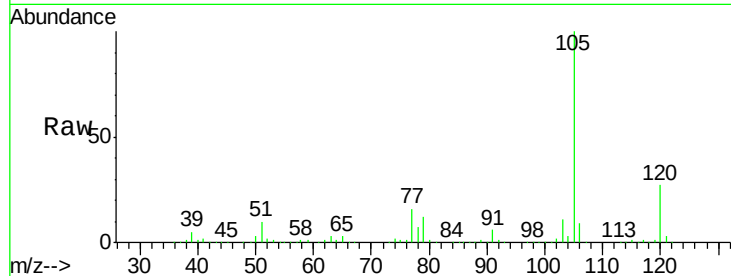
VX0611WBS01

Tot Ion:105 Resp: 323508

Ion Ratio Lower Upper

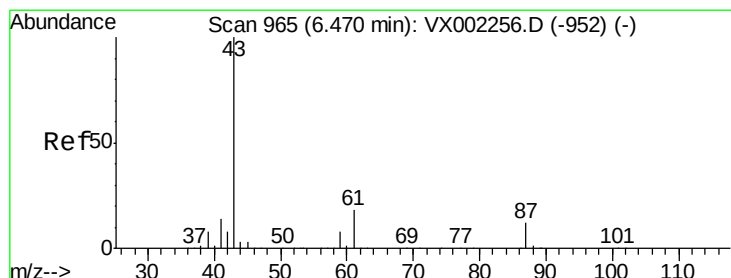
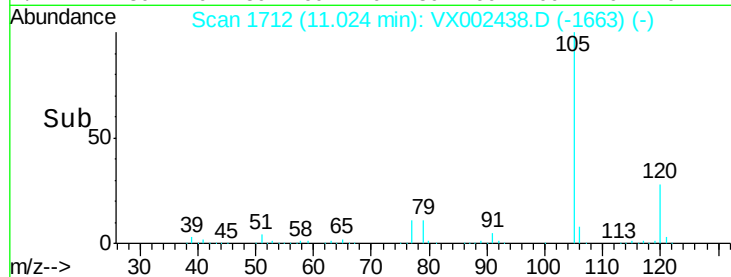
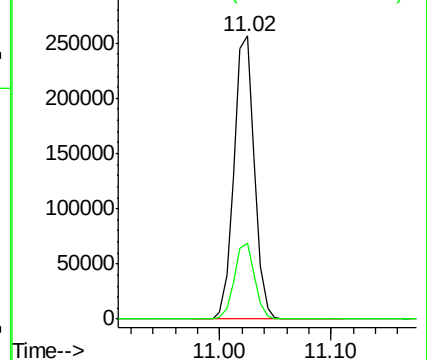
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.30 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Tgt Ion: 43 Resp: 148147

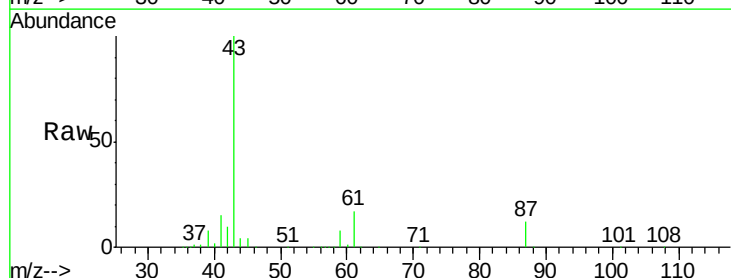
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.5 14.4 21.6

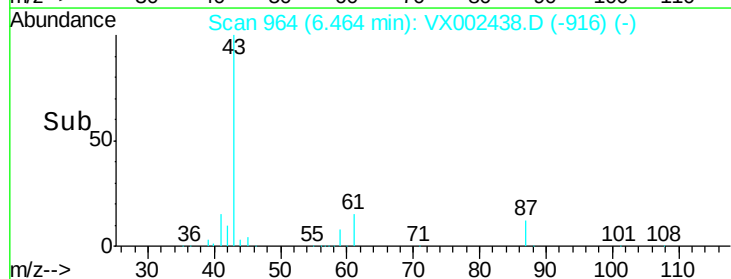
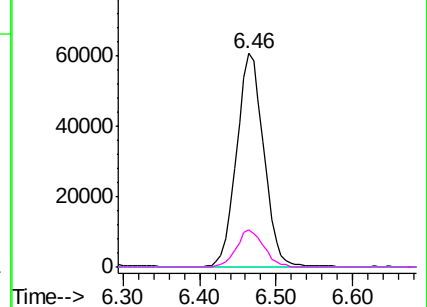


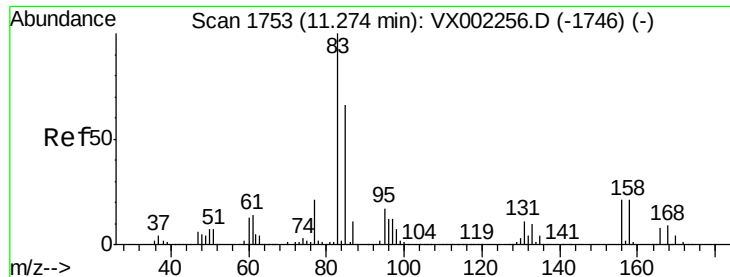
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.31 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

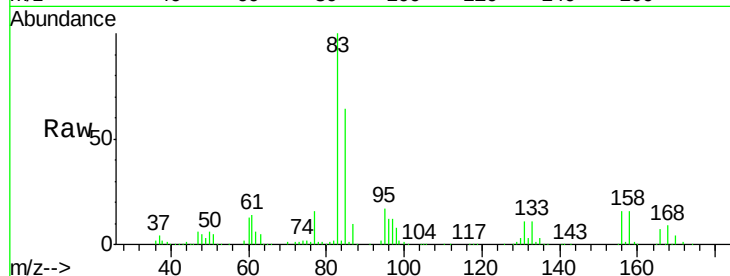
Tot Ion: 83 Resp: 91875

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

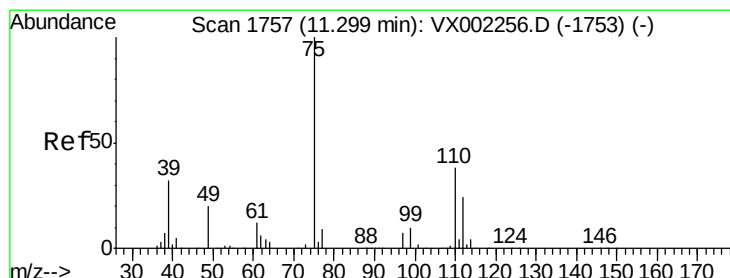
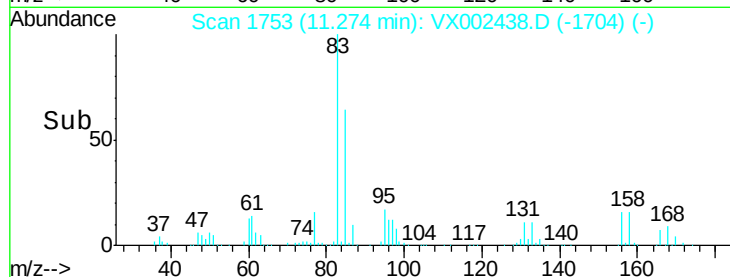
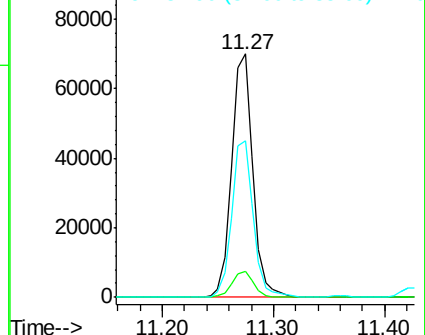
85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.74 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002438.D

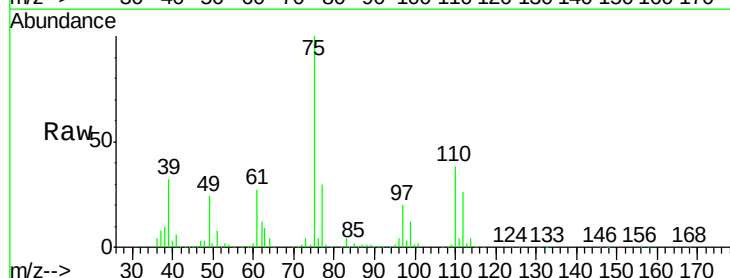
Acq: 11 Jun 2018 13:00

Tgt Ion: 75 Resp: 105075

Ion Ratio Lower Upper

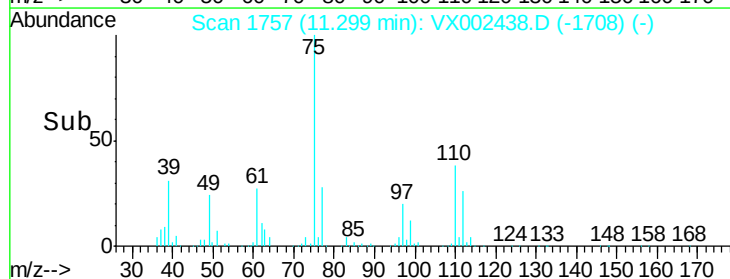
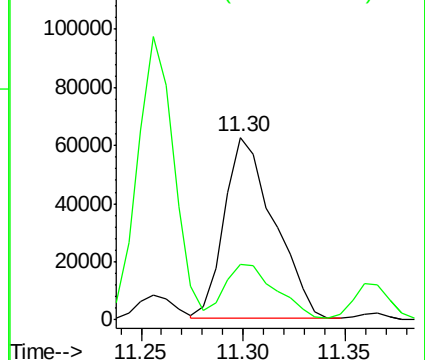
75 100

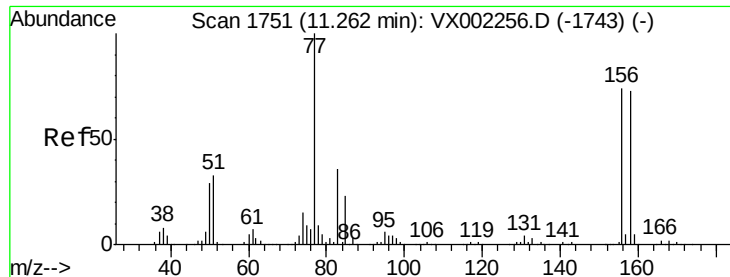
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.01 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

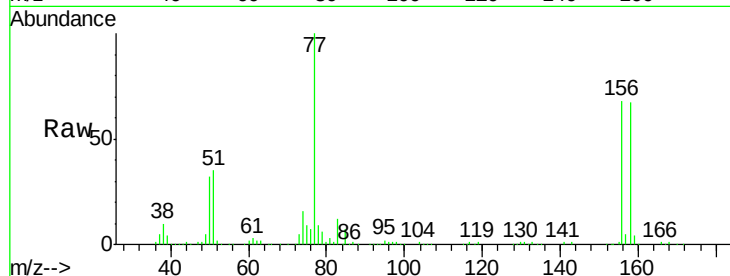
Tot Ion:156 Resp: 85294

Ion Ratio Lower Upper

156 100

77 142.2 71.4 214.2

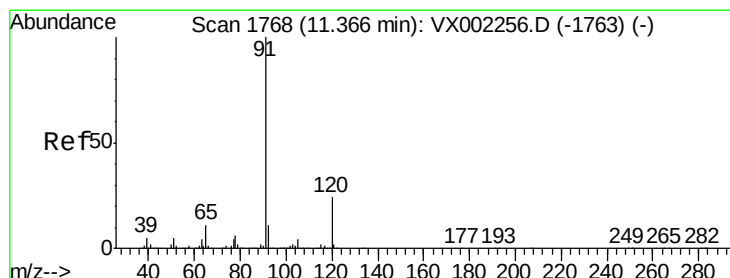
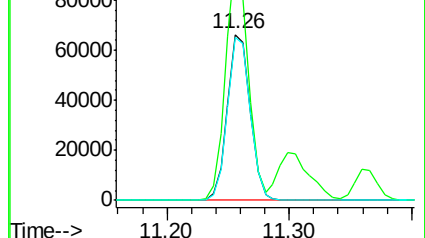
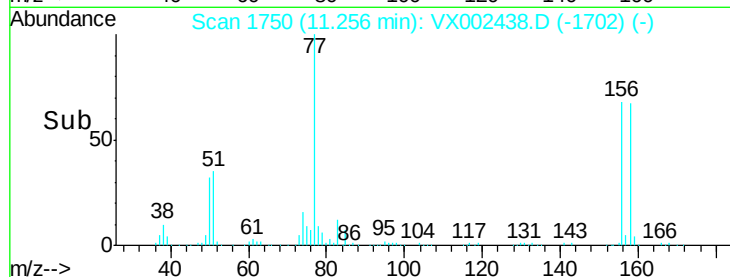
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002438.D

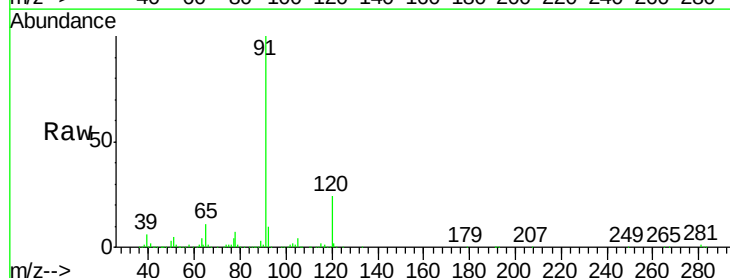
Acq: 11 Jun 2018 13:00

Tgt Ion: 91 Resp: 372220

Ion Ratio Lower Upper

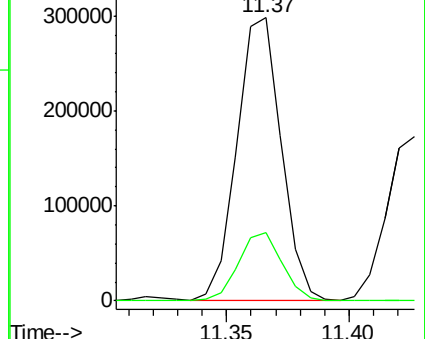
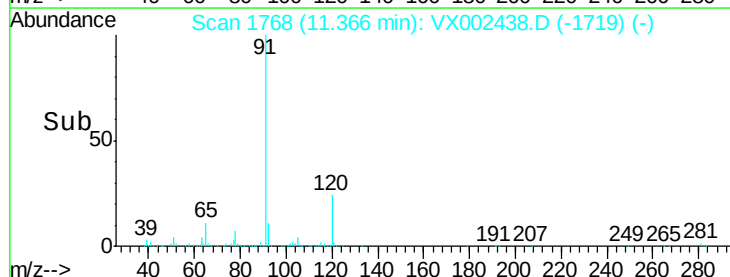
91 100

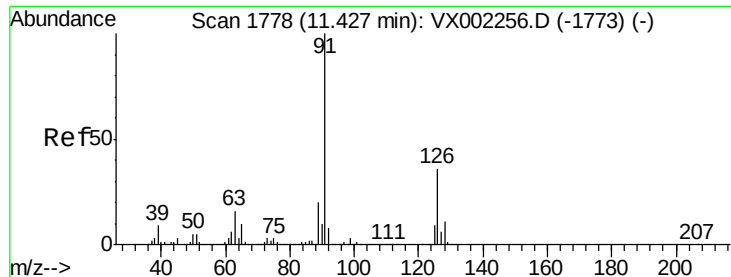
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

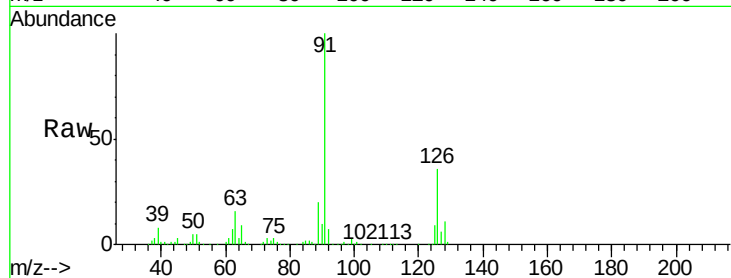
VX0611WBS01

Tot Ion: 91 Resp: 216289

Ion Ratio Lower Upper

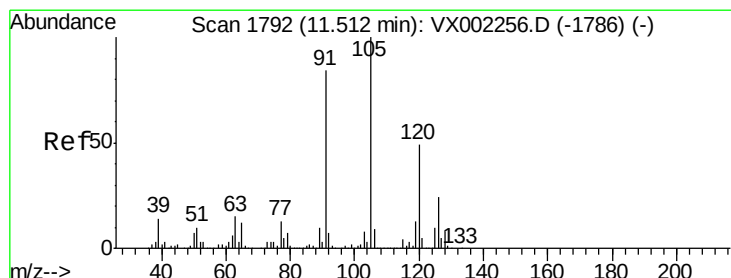
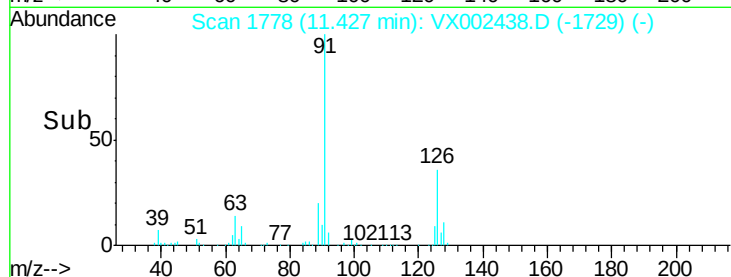
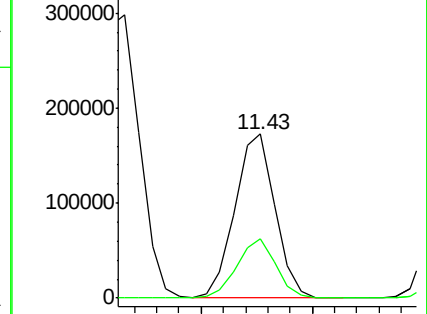
91 100

126 35.5 17.7 53.1



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: 19.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002438.D

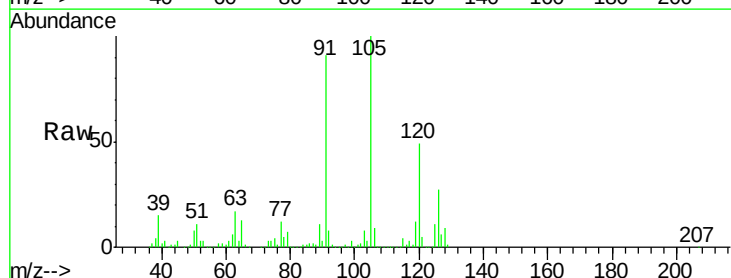
Acq: 11 Jun 2018 13:00

Tgt Ion: 105 Resp: 275401

Ion Ratio Lower Upper

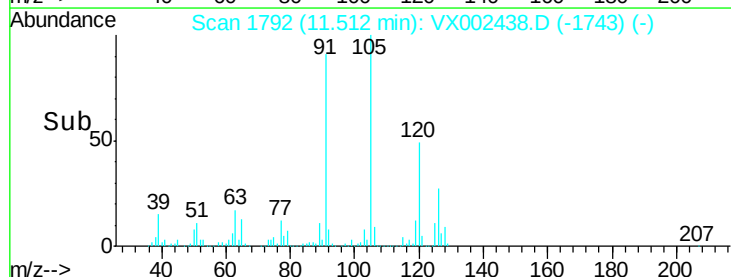
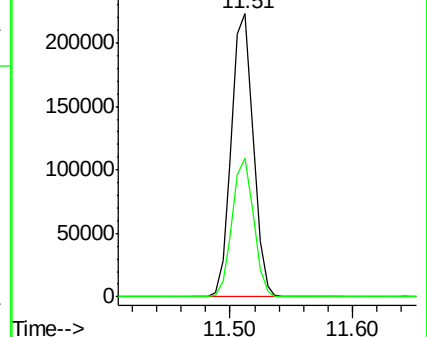
105 100

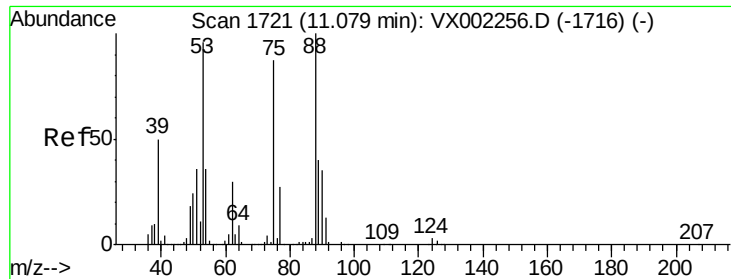
120 47.9 24.4 73.4



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: 15.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

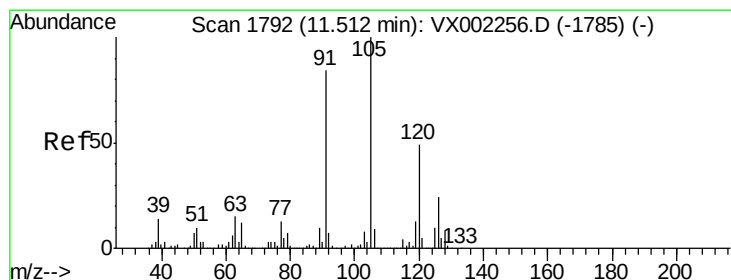
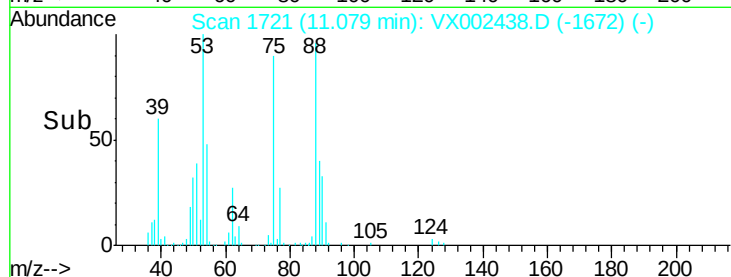
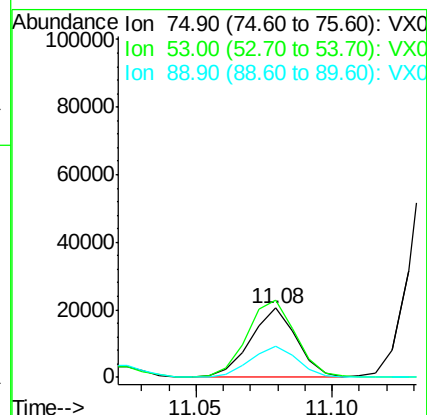
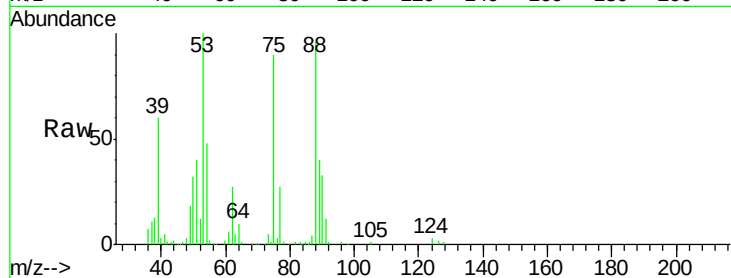
MSVOA_X

ClientSampleId :

VX0611WBS01

Tot Ion: 75 Resp: 23865

Ion	Ratio	Lower	Upper
75	100		
53	118.3	86.8	130.2
89	47.2	38.2	57.2



#82

4-Chlorotoluene

Concen: 18.85 ug/l

RT: 11.51 min Scan# 1792

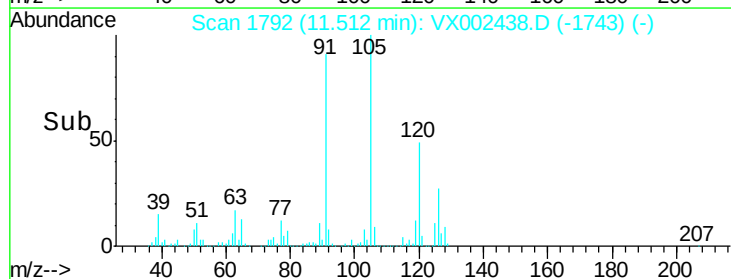
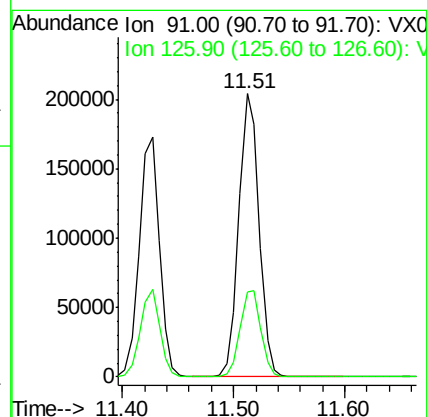
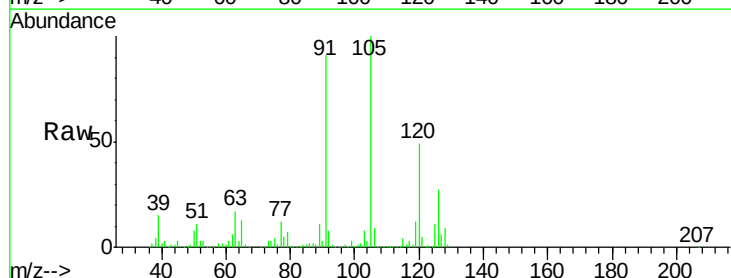
Delta R.T. -0.00 min

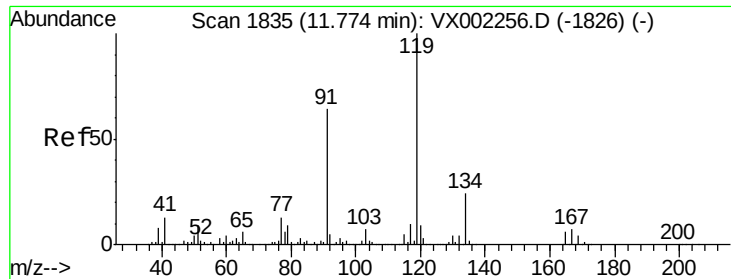
Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Tgt Ion: 91 Resp: 257576

Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.4

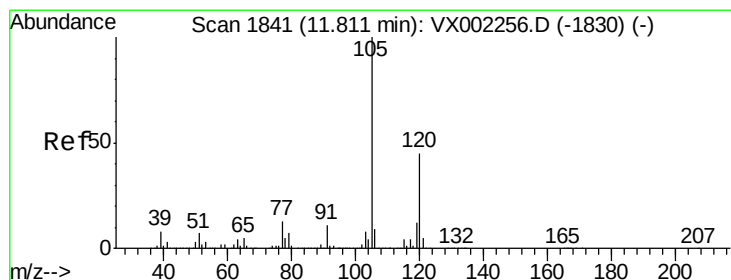
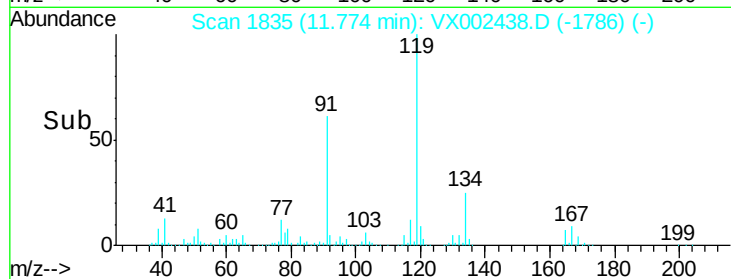
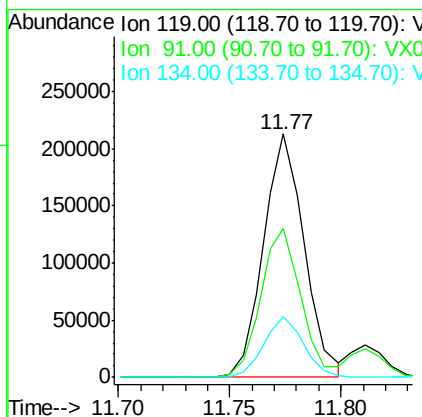
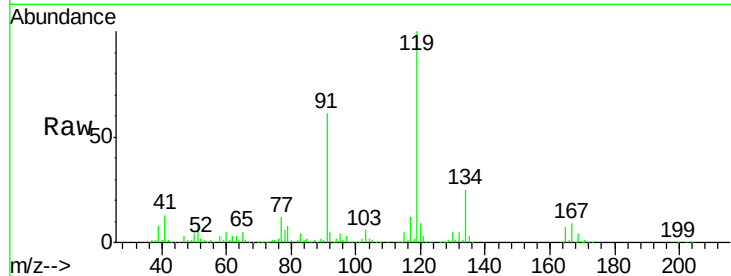




#83
 tert-Butylbenzene
 Concen: 19.17 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

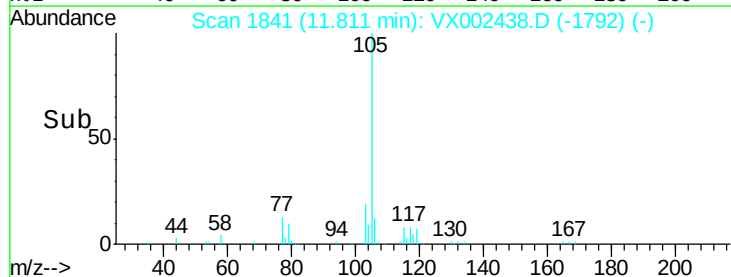
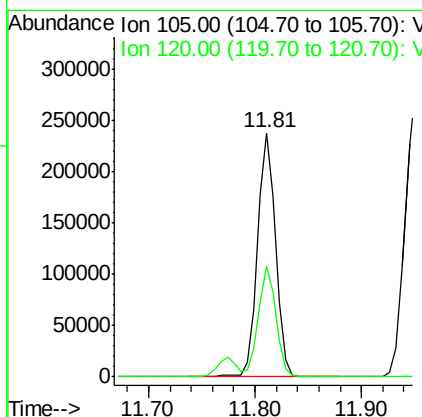
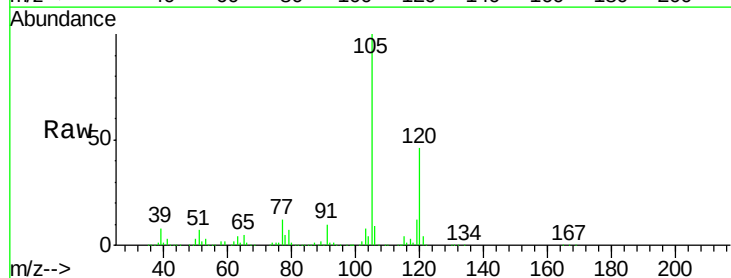
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBS01

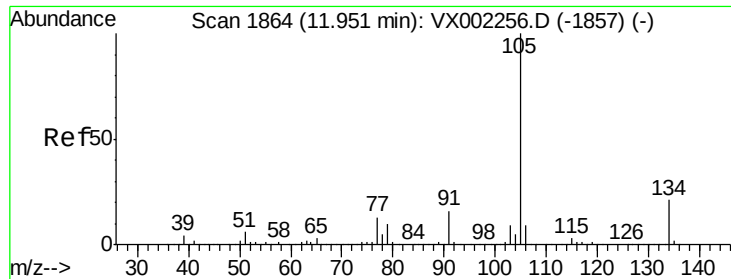
Tot Ion:119 Resp: 270139
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.3 90.9
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.97 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion:105 Resp: 282585
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.51 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampled :

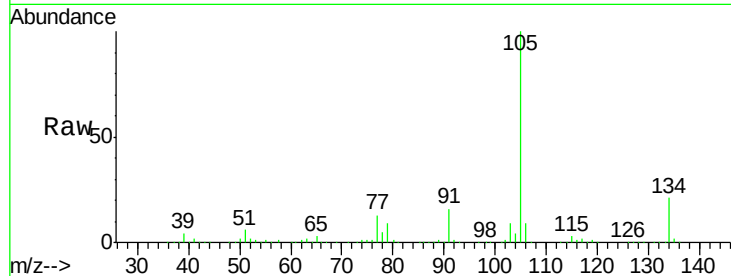
VX0611WBS01

Tot Ion:105 Resp: 338907

Ion Ratio Lower Upper

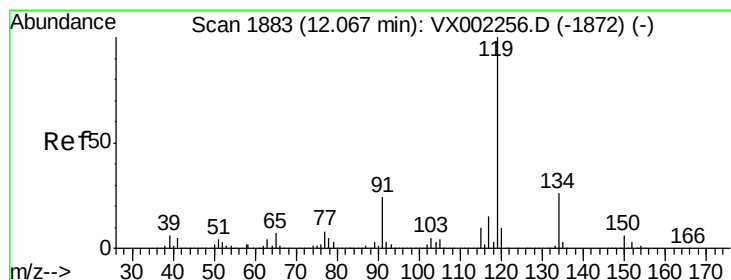
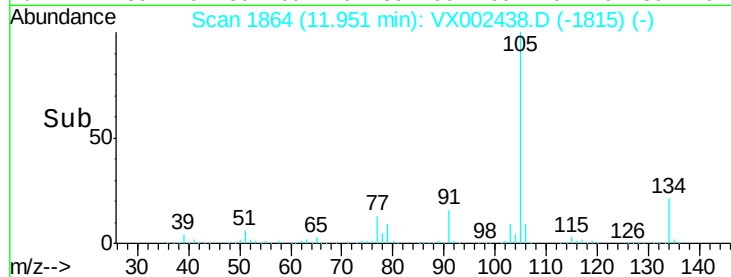
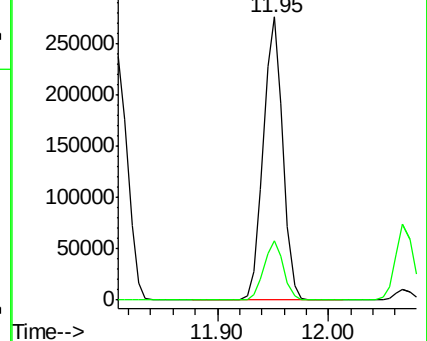
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.33 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

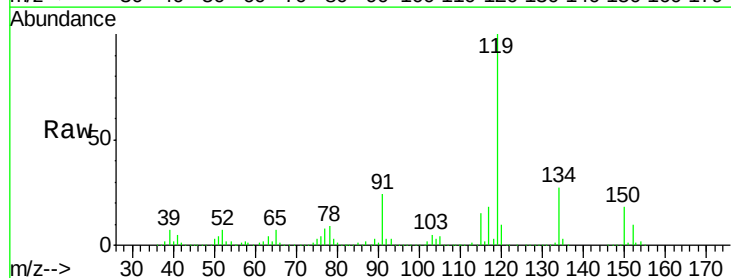
Tgt Ion:119 Resp: 305895

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

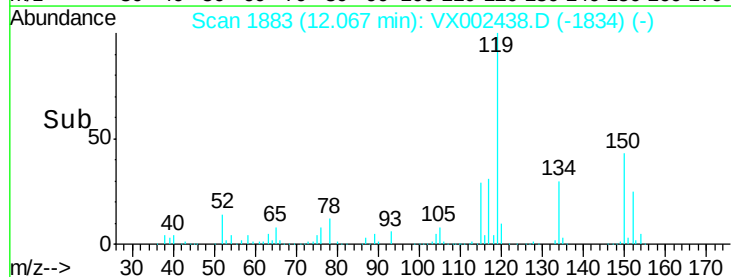
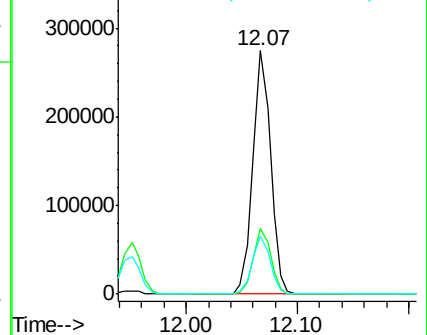
91 24.2 11.9 35.7

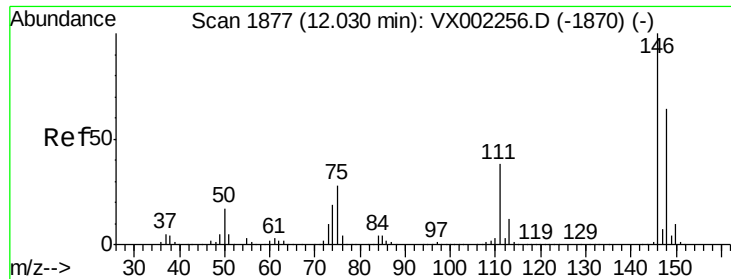


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

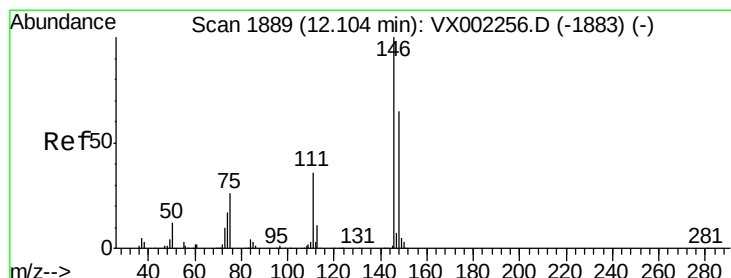
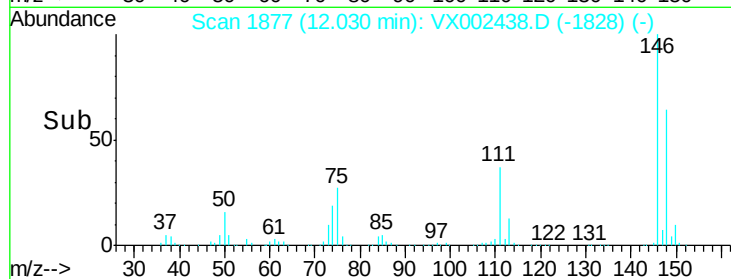
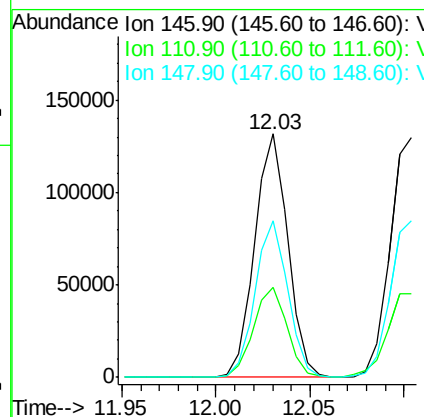
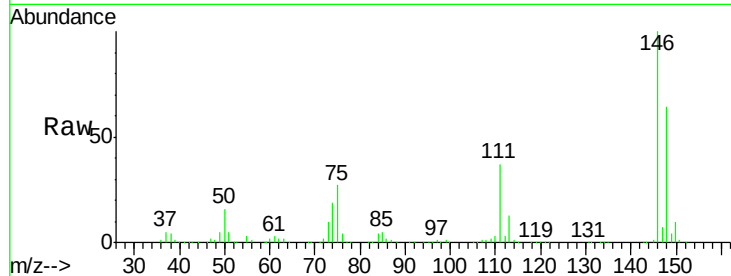




#87
 1,3-Dichlorobenzene
 Concen: 18.95 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

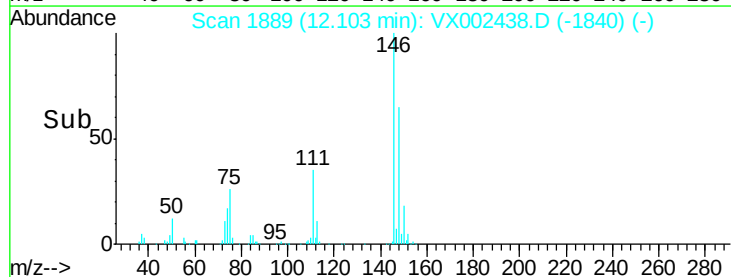
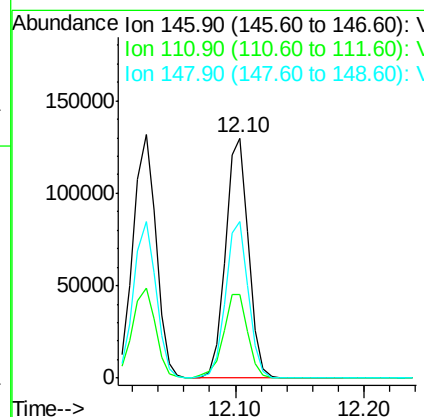
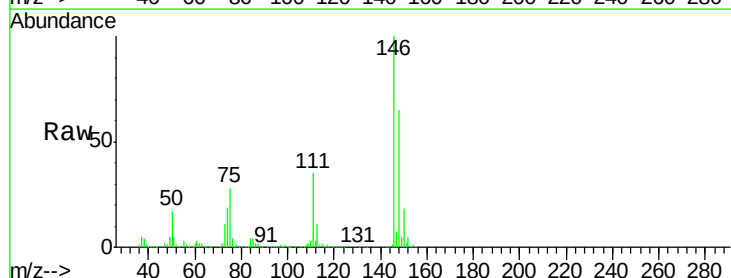
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBS01

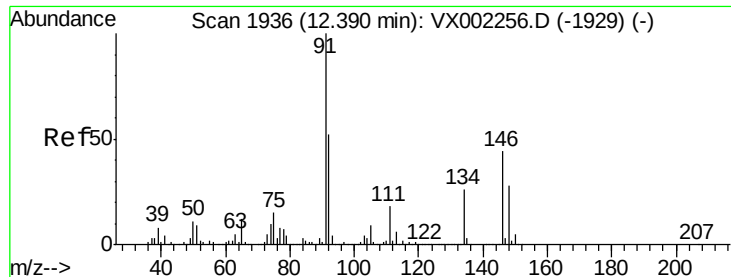
Tot Ion:146 Resp: 160464
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.7
 148 63.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.65 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion:146 Resp: 162797
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 64.8 32.4 97.0





#89

n-Butylbenzene

Concen: 21.70 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

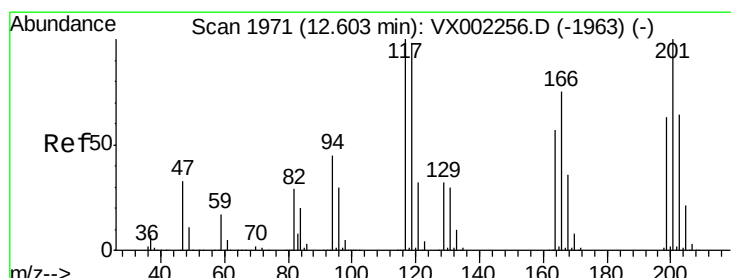
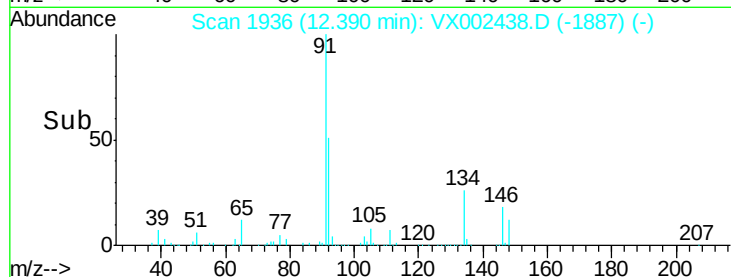
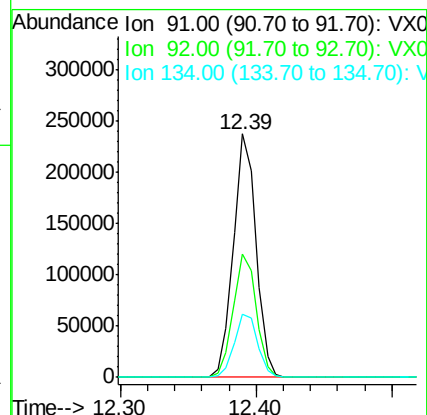
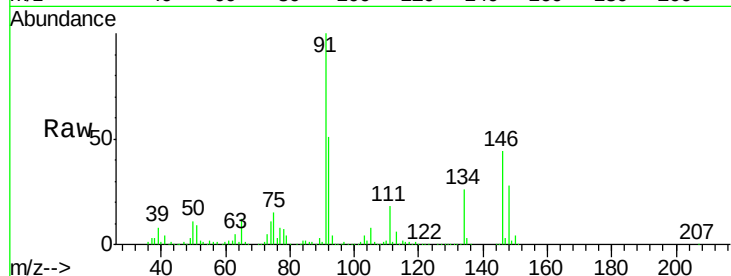
Tot Ion: 91 Resp: 273818

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 18.08 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002438.D

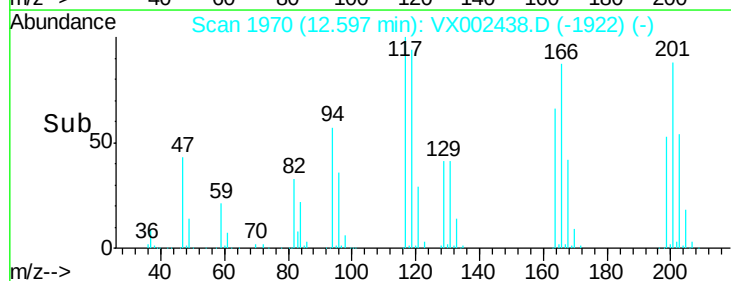
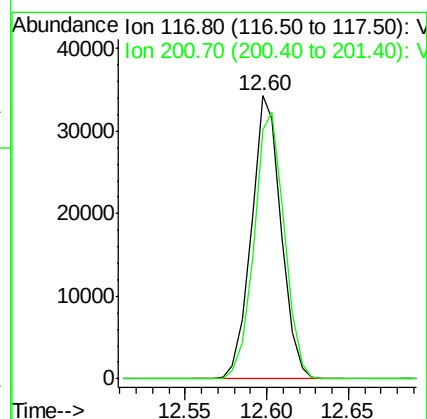
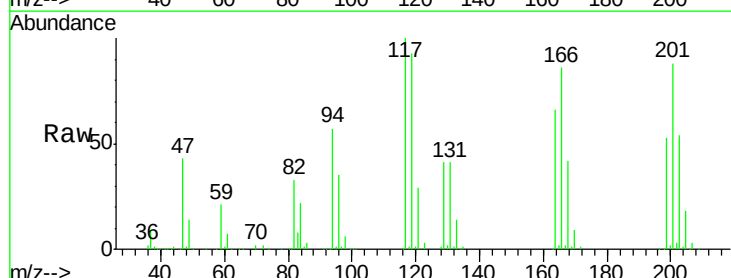
Acq: 11 Jun 2018 13:00

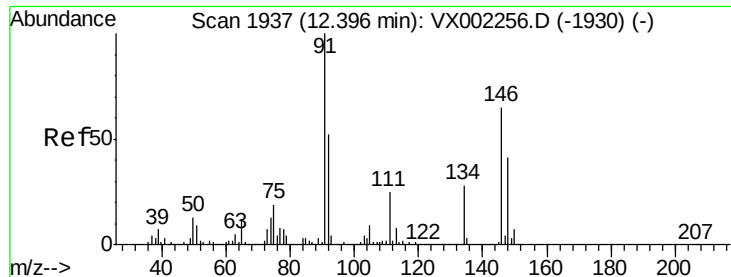
Tgt Ion: 117 Resp: 43431

Ion Ratio Lower Upper

117 100

201 95.8 49.0 147.0

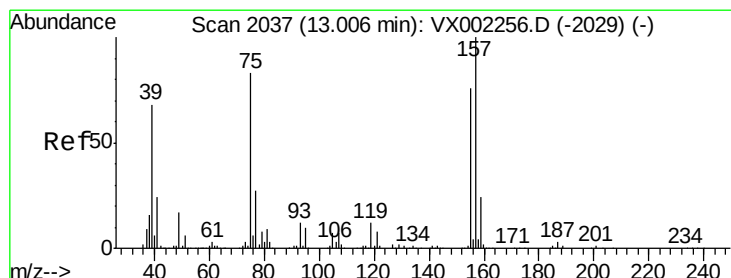
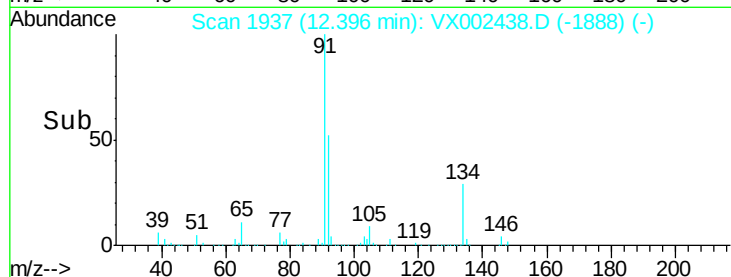
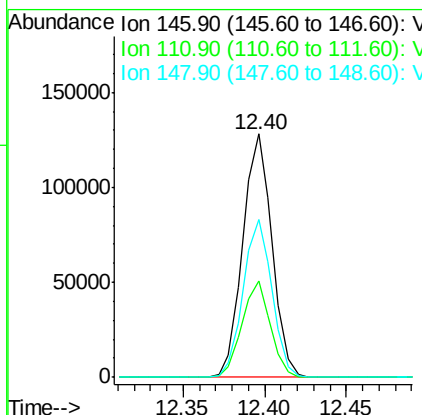
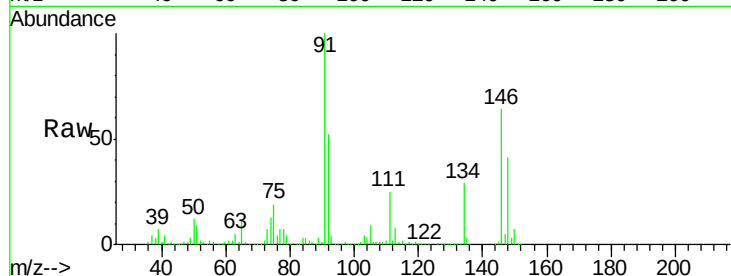




#91
 1,2-Dichlorobenzene
 Concen: 18.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

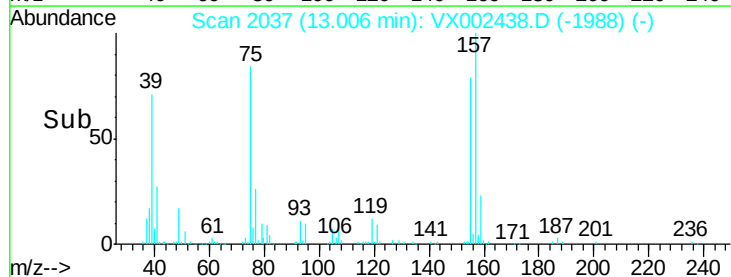
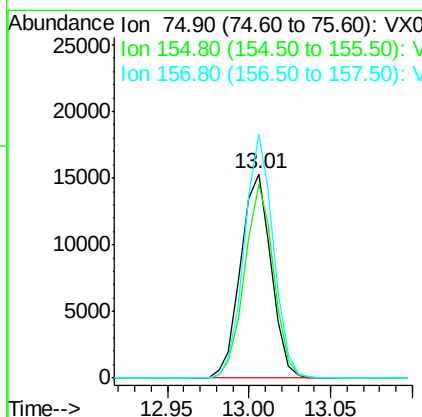
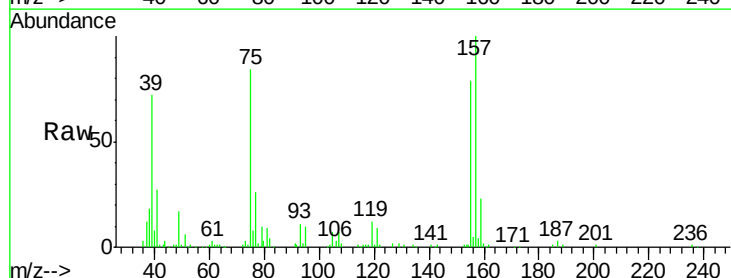
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

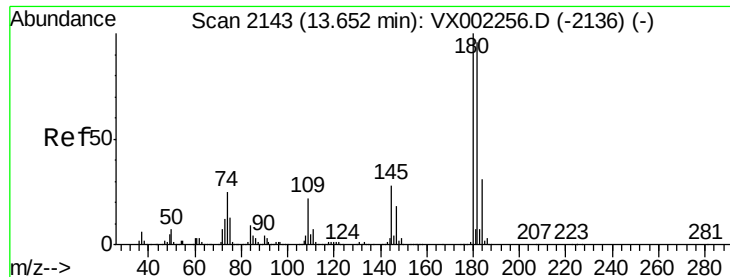
Tot Ion:146 Resp: 159945
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.25 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion: 75 Resp: 20016
 Ion Ratio Lower Upper
 75 100
 155 90.4 45.8 137.4
 157 113.6 60.1 180.3

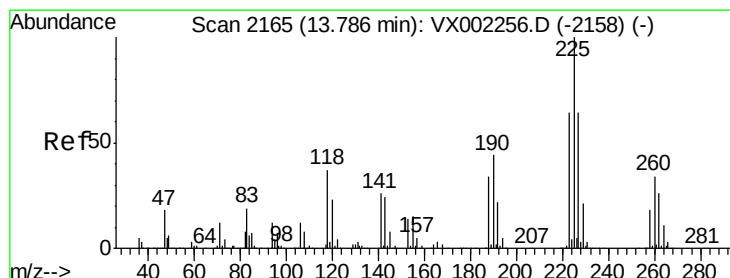
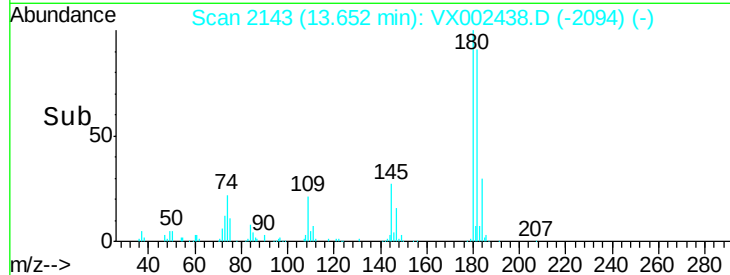
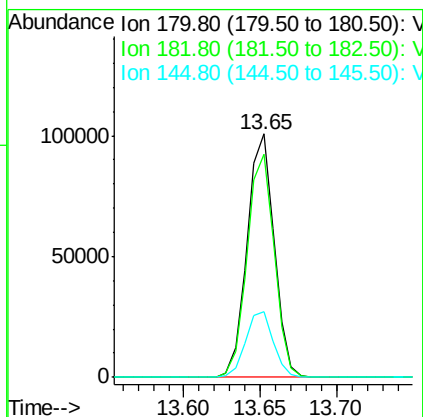
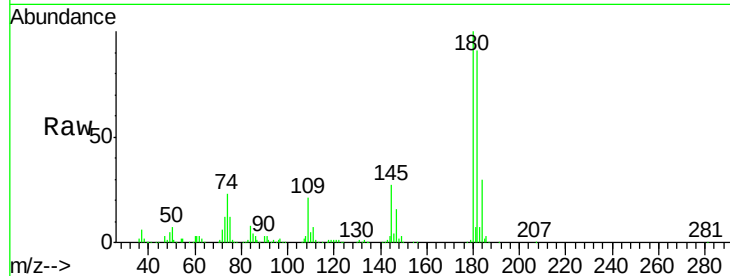




#93
 1,2,4-Trichlorobenzene
 Concen: 20.12 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

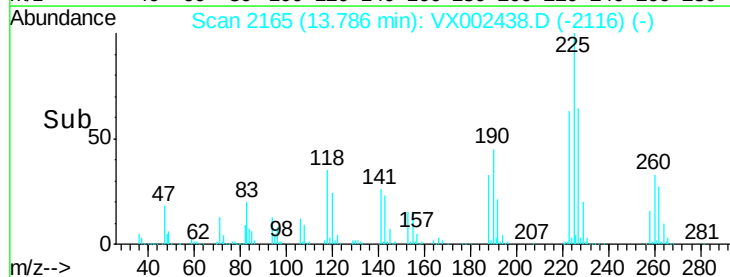
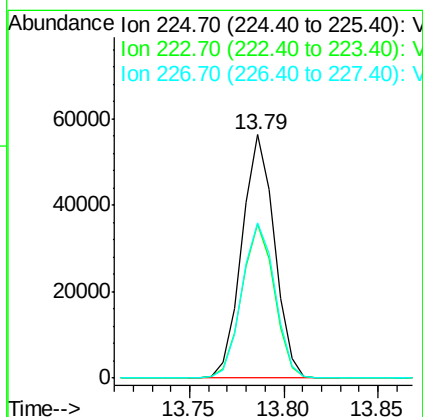
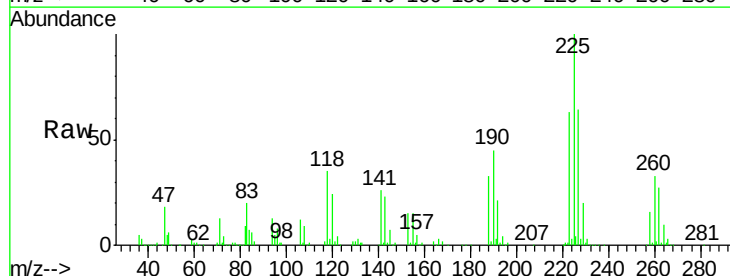
Instrument :
 MSVOA_X
 ClientSampled :
 VX0611WBS01

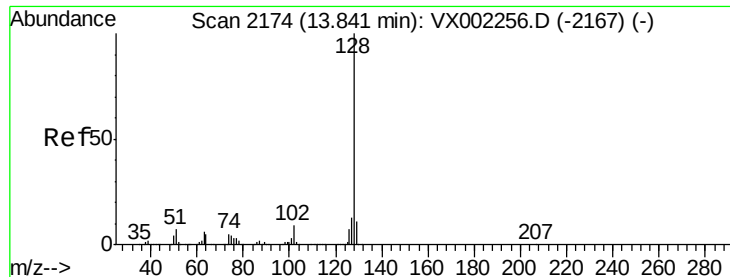
Tot Ion:180 Resp: 123615
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 22.28 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002438.D
 Acq: 11 Jun 2018 13:00

Tgt Ion:225 Resp: 67642
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.5 32.4 97.2





#95

Naphthalene

Concen: 18.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

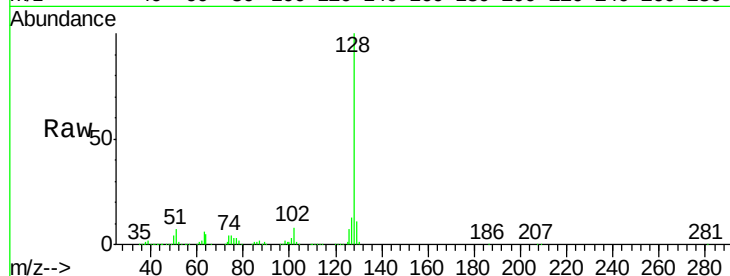
Tot Ion:128 Resp: 322193

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

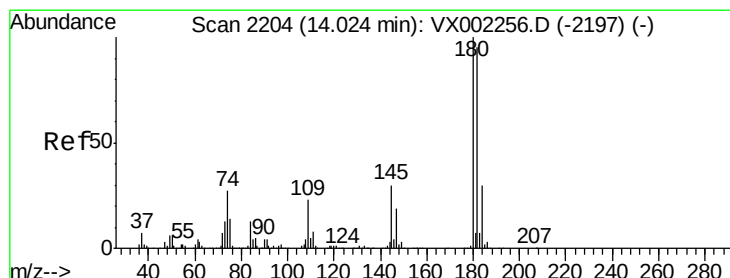
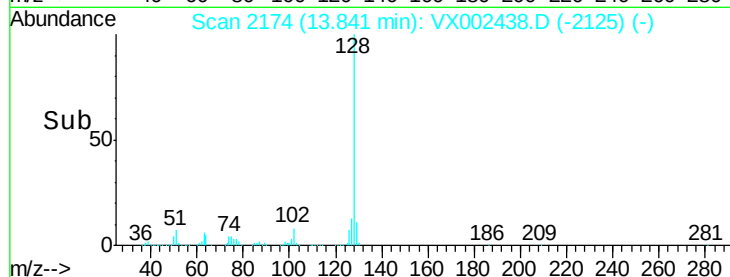
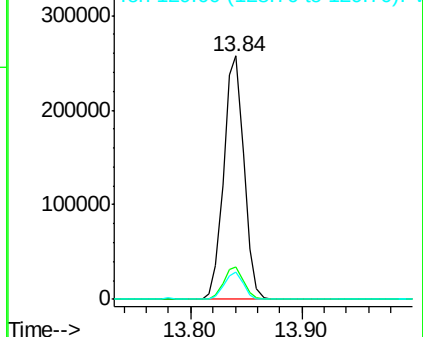
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.43 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002438.D

Acq: 11 Jun 2018 13:00

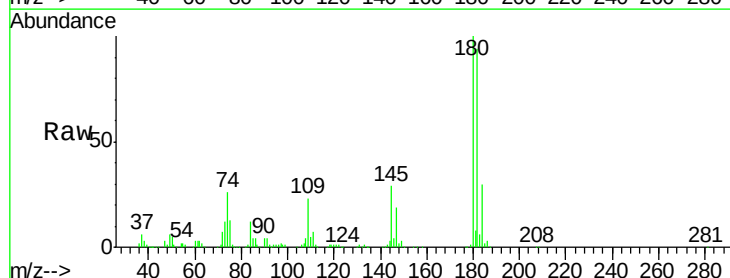
Tgt Ion:180 Resp: 121718

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

