

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003137.D
 Acq On : 02 Jul 2018 19:44
 Operator : JC/MD
 Sample : J3772-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

Quant Time: Jul 03 06:59:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	233722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178068	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	5.51	113	149610	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	533088	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.14	95	205904	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	135518	55.26	ug/l	98
3) Chloromethane	1.32	50	148416	58.45	ug/l	100
4) Vinyl Chloride	1.40	62	167953	54.04	ug/l	99
5) Bromomethane	1.64	94	47214	31.54	ug/l	97
6) Chloroethane	1.72	64	104144	57.43	ug/l	99
7) Trichlorofluoromethane	1.93	101	250832	47.84	ug/l	99
8) Diethyl Ether	2.19	74	95984	50.36	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139853	46.04	ug/l	96
10) Methyl Iodide	2.51	142	125525	41.90	ug/l	98
11) Tert butyl alcohol	3.09	59	199993	264.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133976	49.43	ug/l	94
13) Acrolein	2.29	56	67848	163.21	ug/l	99
14) Allyl chloride	2.73	41	263207	49.26	ug/l	94
15) Acrylonitrile	3.15	53	429047	265.43	ug/l	99
16) Acetone	2.45	43	400663	254.68	ug/l	97
17) Carbon Disulfide	2.57	76	374617	51.87	ug/l	98
18) Methyl Acetate	2.78	43	217427	49.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	479259	49.18	ug/l	100
20) Methylene Chloride	2.86	84	151811	49.59	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	145393	49.25	ug/l	94
22) Diisopropyl ether	3.88	45	495314	48.50	ug/l	99
23) Vinyl Acetate	3.83	43	2201843	254.60	ug/l	98
24) 1,1-Dichloroethane	3.70	63	274370	49.43	ug/l	100
25) 2-Butanone	4.72	43	645619	276.52	ug/l	96
26) 2,2-Dichloropropane	4.59	77	175235	38.82	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	183496	55.44	ug/l	94
28) Bromochloromethane	5.03	49	128536	48.37	ug/l	91
29) Tetrahydrofuran	5.17	42	416379	278.10	ug/l	97
30) Chloroform	5.22	83	289207	50.77	ug/l	98
31) Cyclohexane	5.57	56	243284	51.07	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	256555	51.18	ug/l	98
36) 1,1-Dichloropropene	5.80	75	207281	49.66	ug/l	98
37) Ethyl Acetate	4.87	43	240834	53.59	ug/l	99
38) Carbon Tetrachloride	5.79	117	231892	50.63	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	234211	48.17	ug/l	98
40) Benzene	6.15	78	632093	52.12	ug/l	99
41) Methacrylonitrile	5.07	41	137939	53.30	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236884	48.35	ug/l	99
43) Isopropyl Acetate	6.48	43	383065	50.82	ug/l	98
44) Trichloroethene	7.21	130	186027	51.45	ug/l	100
45) 1,2-Dichloropropane	7.52	63	162840	50.62	ug/l	98
46) Dibromomethane	7.67	93	112663	50.46	ug/l	95
47) Bromodichloromethane	7.90	83	216642	52.49	ug/l	99
48) Methyl methacrylate	7.79	41	205239	52.85	ug/l	95
49) 1,4-Dioxane	7.76	88	86895	1150.01	ug/l #	91
51) 4-Methyl-2-Pentanone	8.66	43	1300461	275.76	ug/l	98
52) Toluene	8.79	92	400915	51.60	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	242380	51.85	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	229440	51.01	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	165682	51.90	ug/l	98
56) Ethyl methacrylate	9.19	69	254801	54.61	ug/l	94
57) 1,3-Dichloropropane	9.38	76	268874	51.28	ug/l	100
59) 2-Hexanone	9.50	43	1013197	282.69	ug/l	96
60) Dibromochloromethane	9.59	129	181596	54.03	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179462	53.59	ug/l	100
64) Tetrachloroethene	9.34	164	176442	43.84	ug/l	99
65) Chlorobenzene	10.14	112	461493	50.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	174457	52.24	ug/l	100
67) Ethyl Benzene	10.26	91	783430	51.58	ug/l	99
68) m/p-Xylenes	10.36	106	616088	105.26	ug/l	98
69) o-Xylene	10.70	106	296649	52.05	ug/l	98
70) Stvrene	10.71	104	501462	54.15	ug/l	98
71) Bromoform	10.86	173	147971	49.11	ug/l	100
73) Isopropylbenzene	11.02	105	800875	50.94	ug/l	99
74) N-amyl acetate	6.48	43	383065	49.79	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	256213	52.90	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	289365	68.35	ug/l	80
77) Bromobenzene	11.26	156	228518	51.04	ug/l	95
78) n-propylbenzene	11.37	91	904073	50.51	ug/l	98
79) 2-Chlorotoluene	11.43	91	540032	49.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	676040	51.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66353	45.78	ug/l	98
82) 4-Chlorotoluene	11.51	91	628496	49.00	ug/l	98
83) tert-Butylbenzene	11.77	119	682639	52.30	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	693036	50.51	ug/l	98
85) sec-Butylbenzene	11.95	105	793359	50.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	725841	50.99	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	411269	50.29	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	418714	49.75	ug/l	99
89) n-Butylbenzene	12.39	91	592514	47.82	ug/l	99
90) Hexachloroethane	12.60	117	116453	55.00	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	410694	49.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61246	56.25	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	302900	50.42	ug/l	99

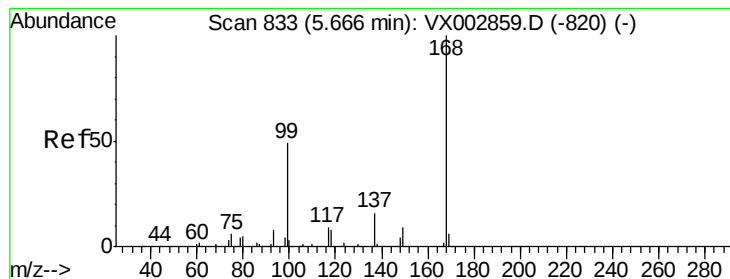
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	144055	48.08	ug/l	99
95) Naphthalene	13.84	128	893207	55.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	312238	52.04	ug/l	99

(#) = 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. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

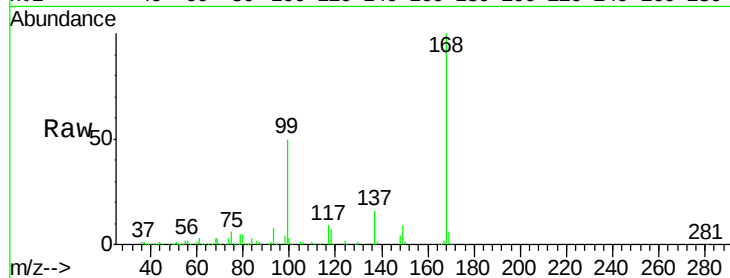
SP18-MMW-3414MS

Tot Ion:168 Resp: 274840

Ion Ratio Lower Upper

168 100

99 49.6 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

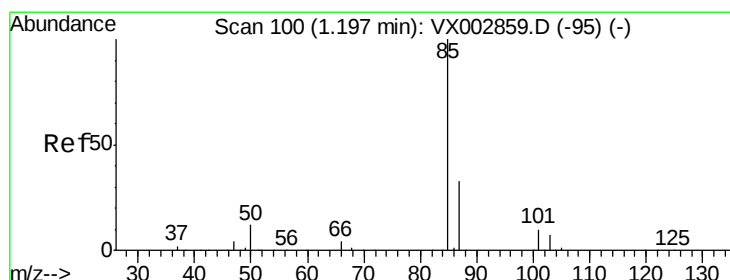
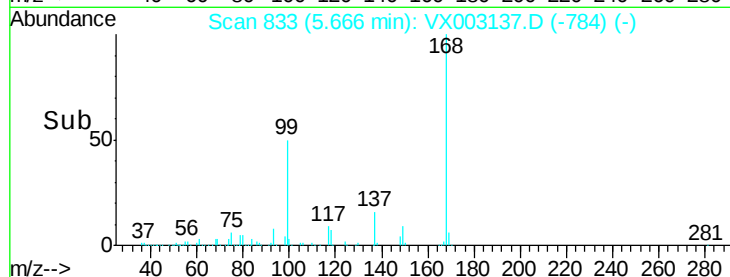
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 55.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003137.D

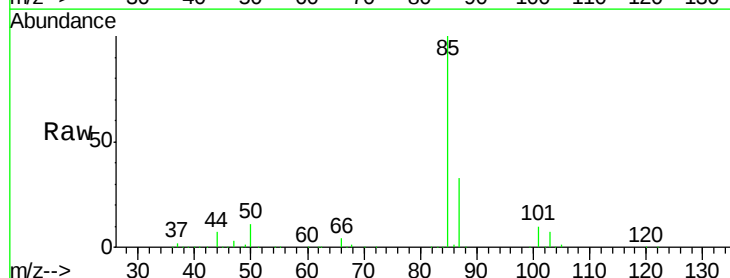
Acq: 02 Jul 2018 19:44

Tgt Ion: 85 Resp: 135518

Ion Ratio Lower Upper

85 100

87 32.8 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

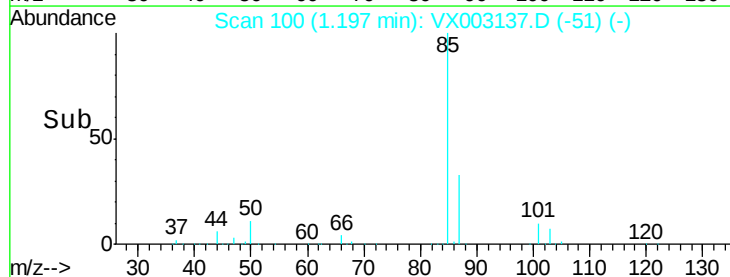
150000

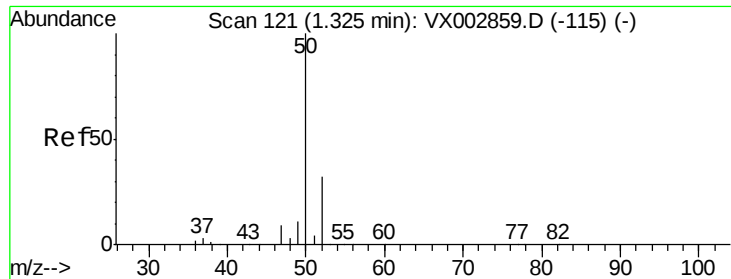
100000

50000

0

Time--> 1.15 1.20 1.25 1.30

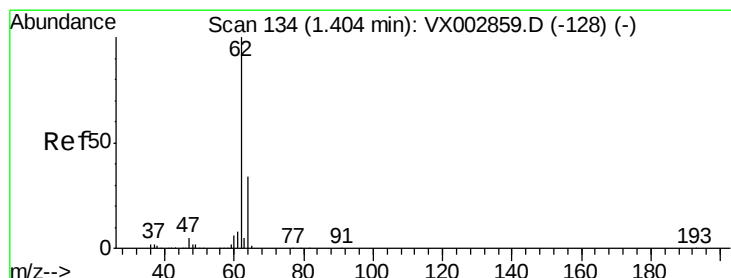
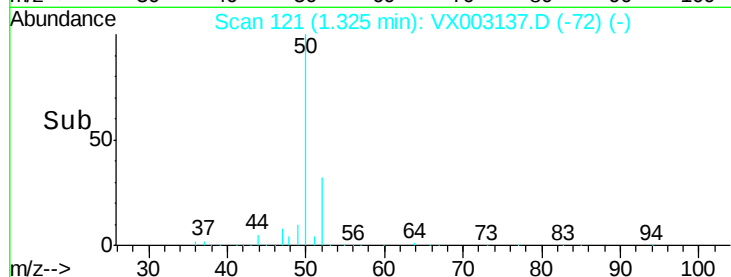
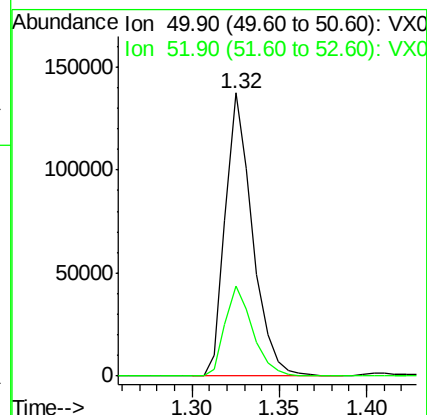
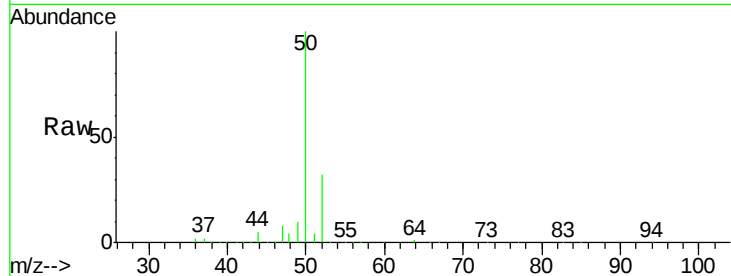




#3
Chloromethane
Concen: 58.45 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

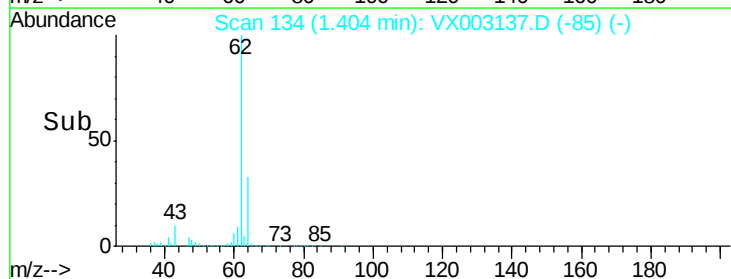
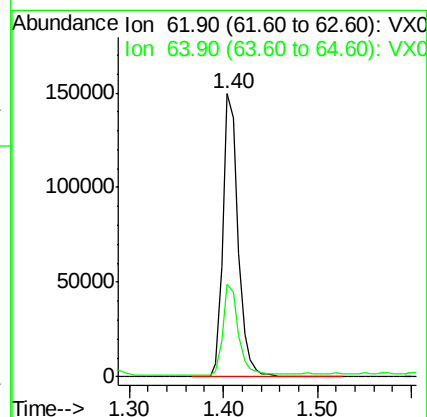
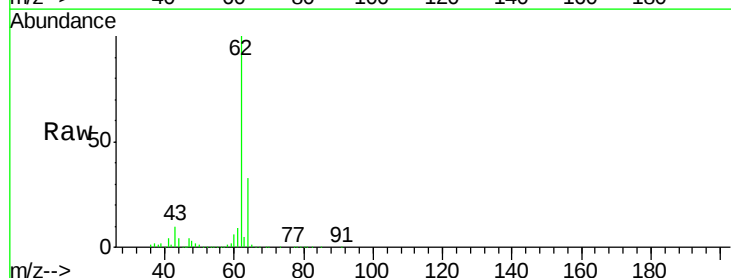
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

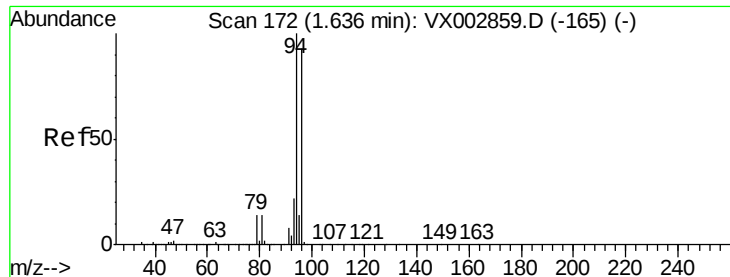
Tot Ion: 50 Resp: 148416
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5



#4
Vinyl Chloride
Concen: 54.04 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 62 Resp: 167953
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2





#5

Bromomethane

Concen: 31.54 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

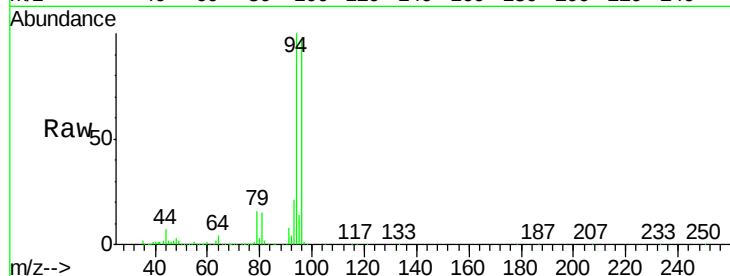
SP18-MMW-3414MS

Tot Ion: 94 Resp: 47214

Ion Ratio Lower Upper

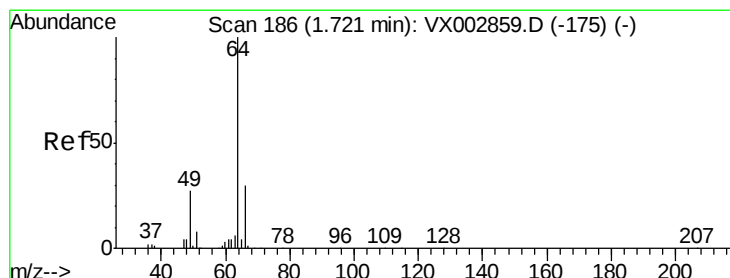
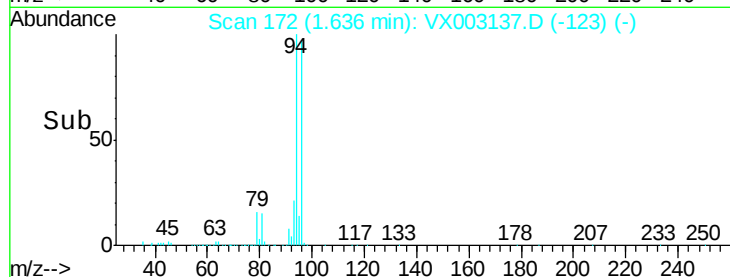
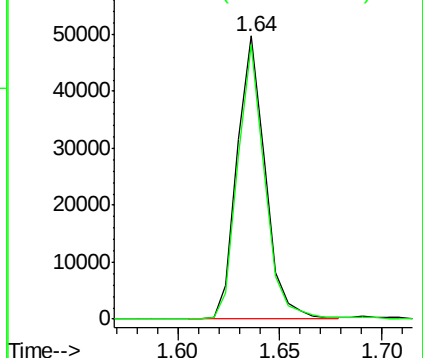
94 100

96 96.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 57.43 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003137.D

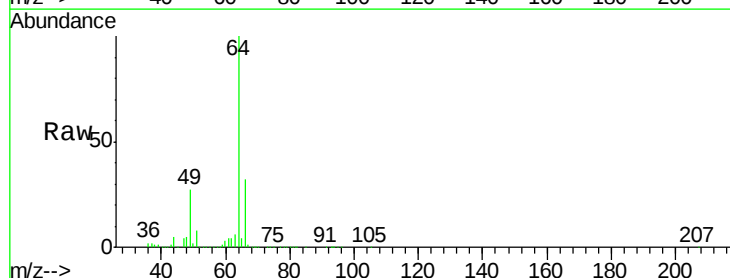
Acq: 02 Jul 2018 19:44

Tgt Ion: 64 Resp: 104144

Ion Ratio Lower Upper

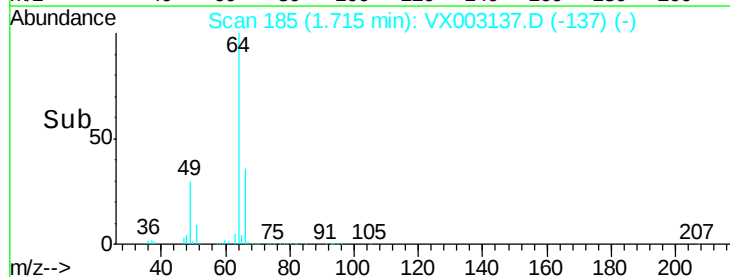
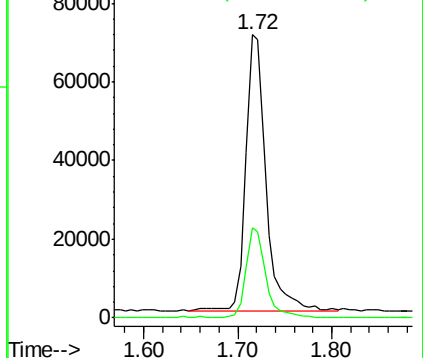
64 100

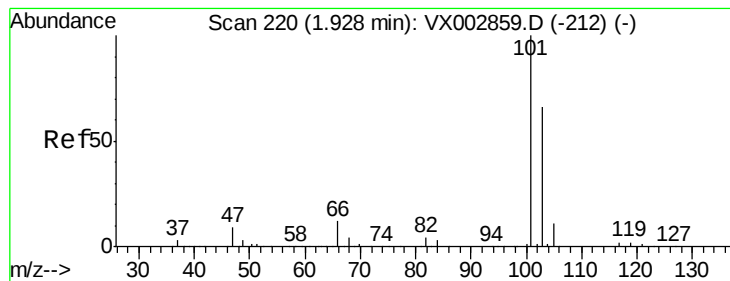
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 47.84 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

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ClientSampleId :

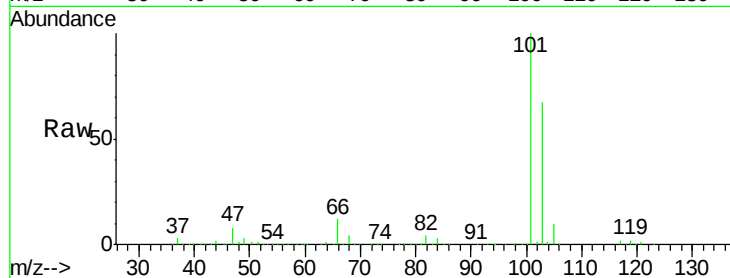
SP18-MMW-3414MS

Tot Ion:101 Resp: 250832

Ion Ratio Lower Upper

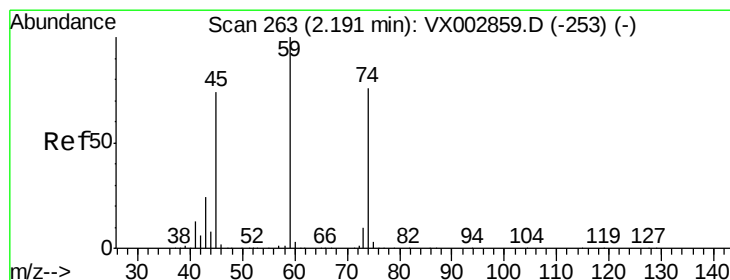
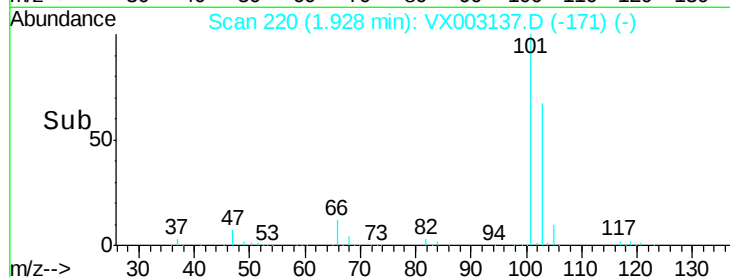
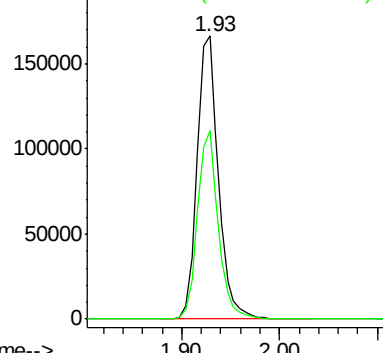
101 100

103 66.7 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: 50.36 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003137.D

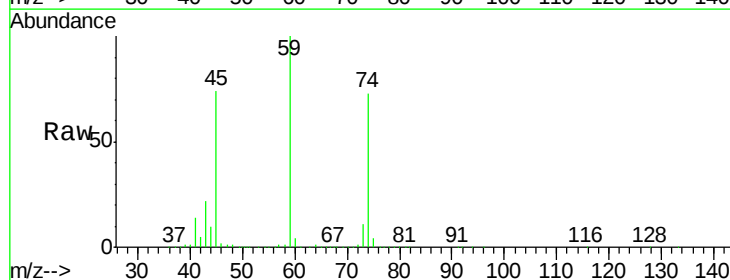
Acq: 02 Jul 2018 19:44

Tgt Ion: 74 Resp: 95984

Ion Ratio Lower Upper

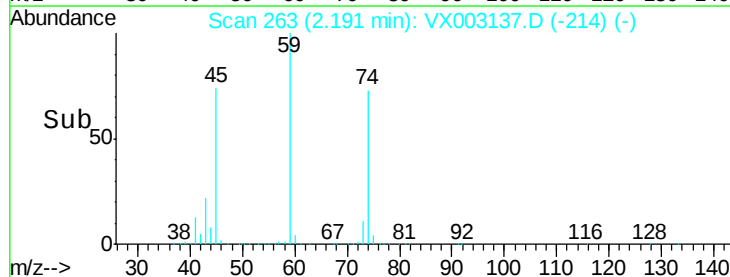
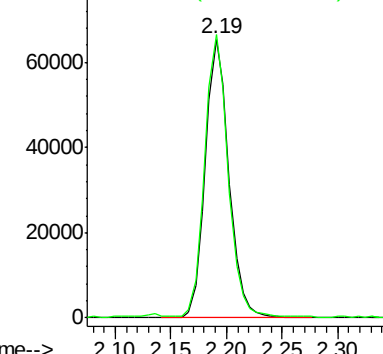
74 100

45 100.4 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: 46.04 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

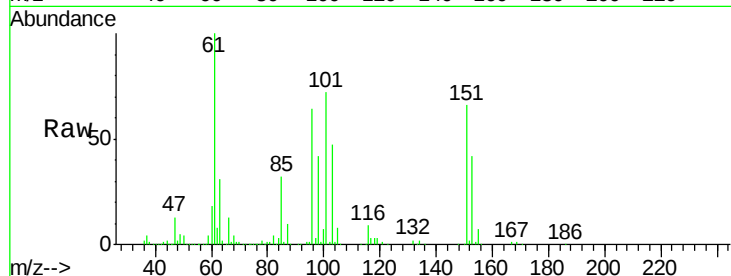
Tot Ion:101 Resp: 139853

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

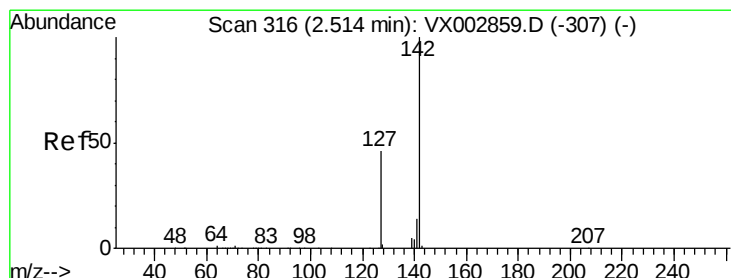
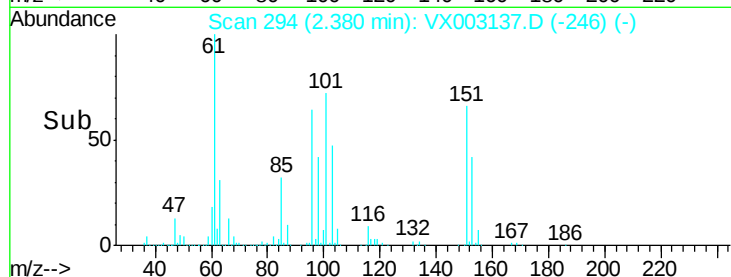
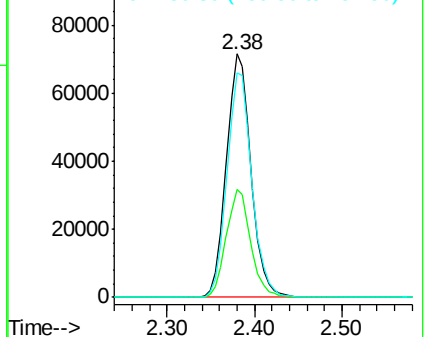
151 93.3 70.9 106.3



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: 41.90 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

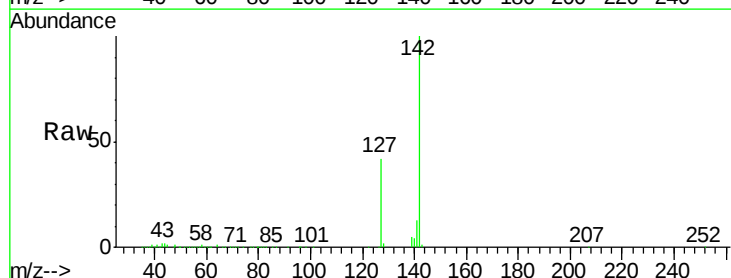
Tgt Ion:142 Resp: 125525

Ion Ratio Lower Upper

142 100

127 43.8 36.6 55.0

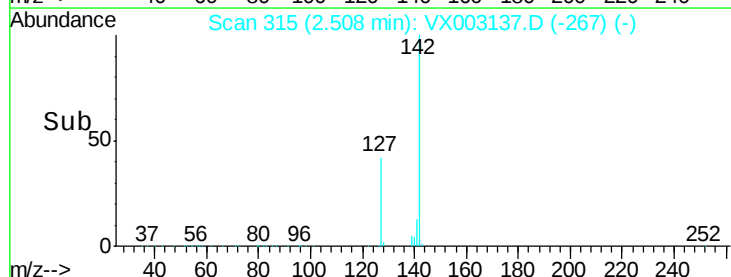
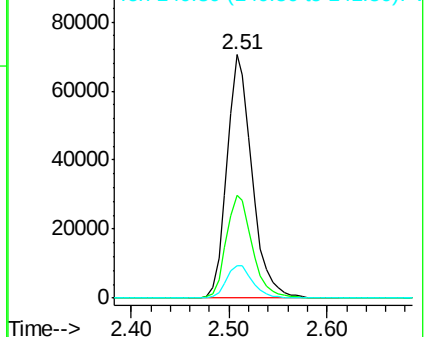
141 14.2 11.3 16.9

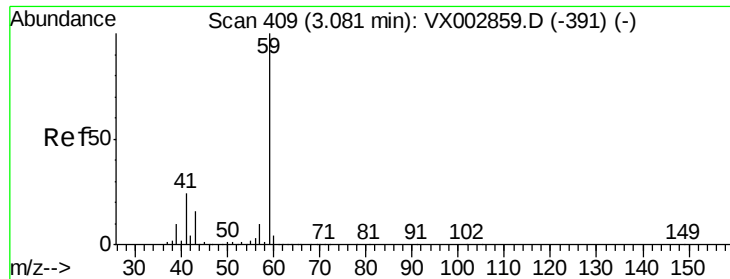


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

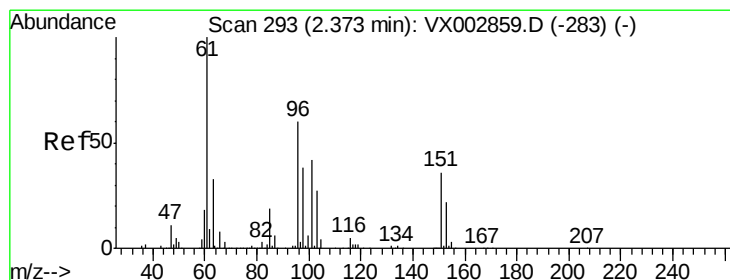
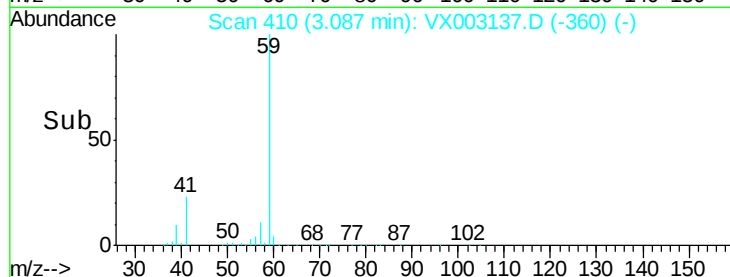
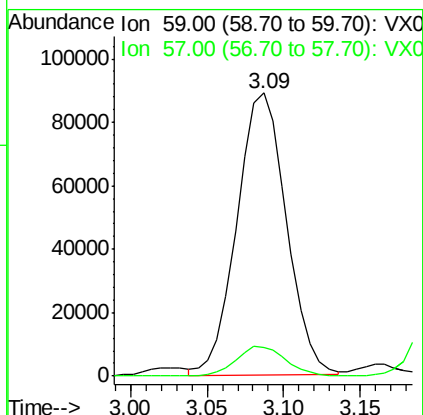
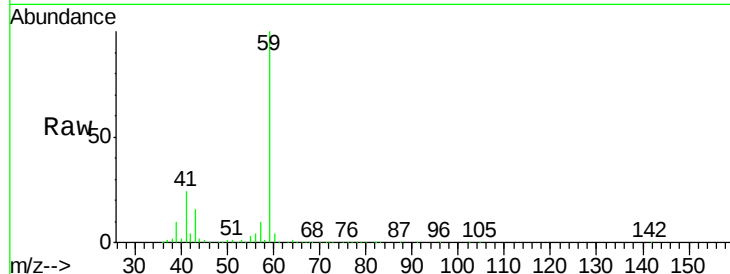




#11
Tert butyl alcohol
Concen: 264.27 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

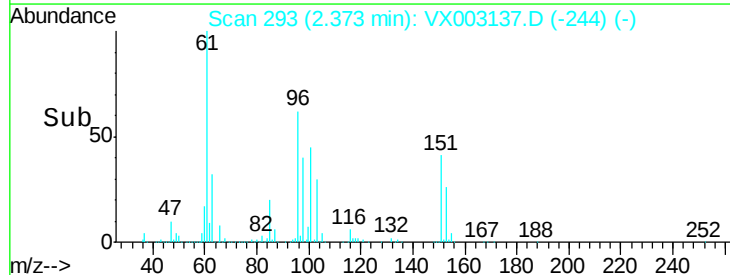
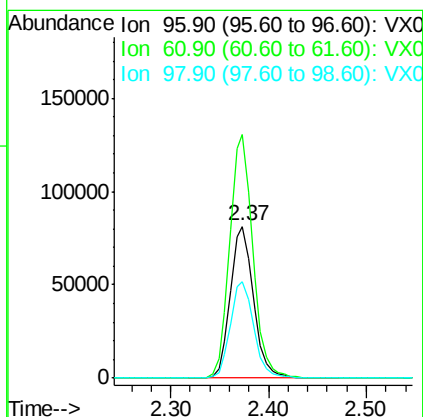
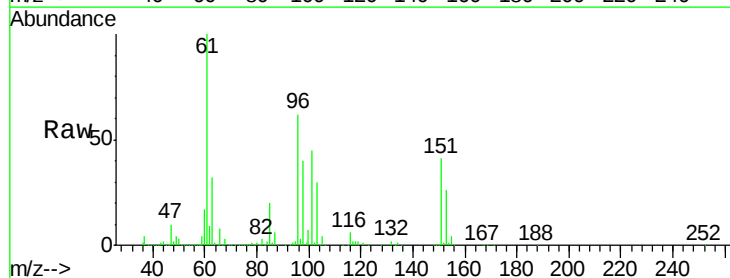
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

Tot Ion: 59 Resp: 199993
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.43 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 96 Resp: 133976
Ion Ratio Lower Upper
96 100
61 160.6 137.9 206.9
98 64.0 51.6 77.4

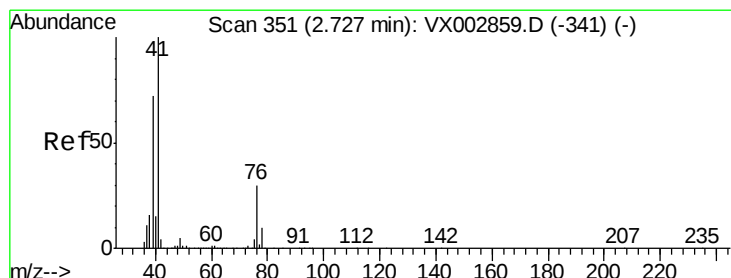
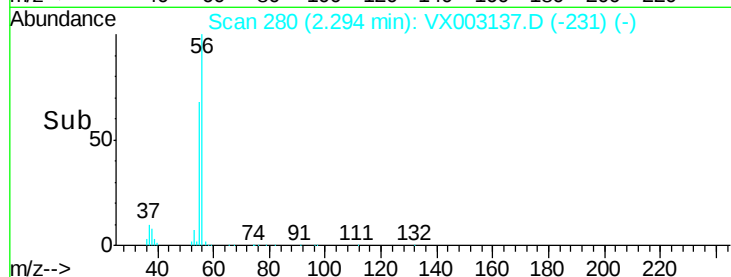
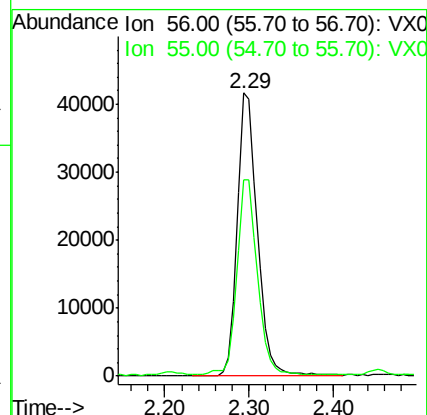
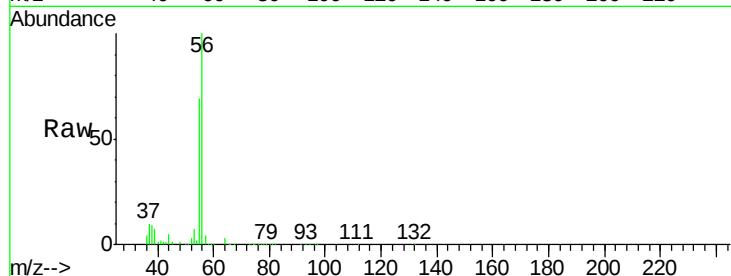




#13
Acrolein
Concen: 163.21 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

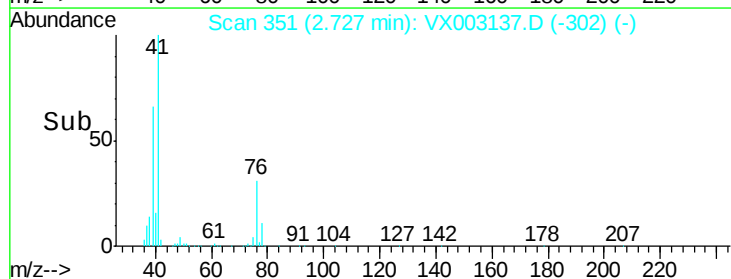
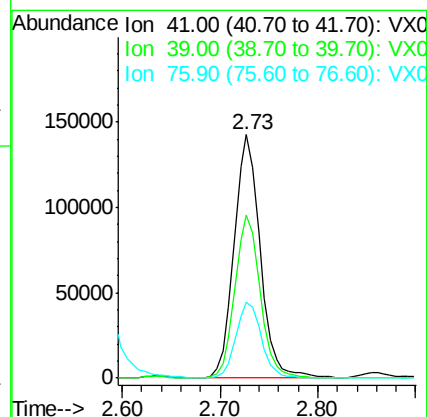
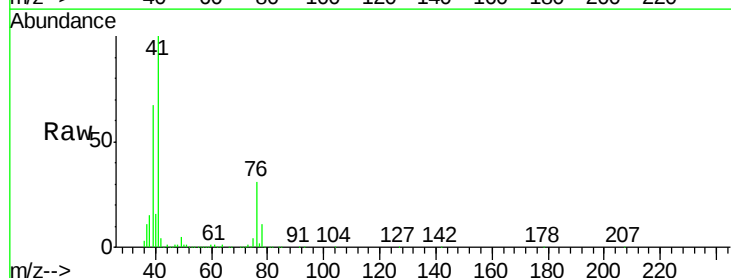
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

Tot Ion: 56 Resp: 67848
Ion Ratio Lower Upper
56 100
55 70.0 57.0 85.4



#14
Allyl chloride
Concen: 49.26 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 41 Resp: 263207
Ion Ratio Lower Upper
41 100
39 64.9 56.8 85.2
76 30.6 23.8 35.8





#15

Acrylonitrile

Concen: 265.43 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

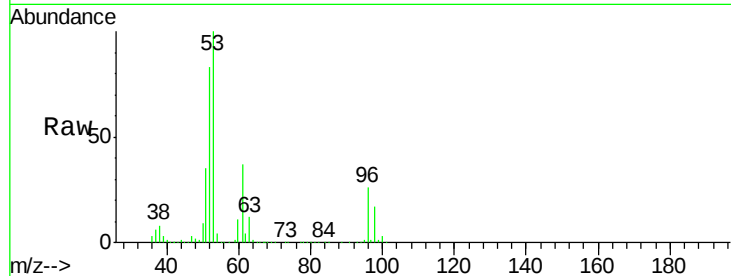
Tot Ion: 53 Resp: 429047

Ion Ratio Lower Upper

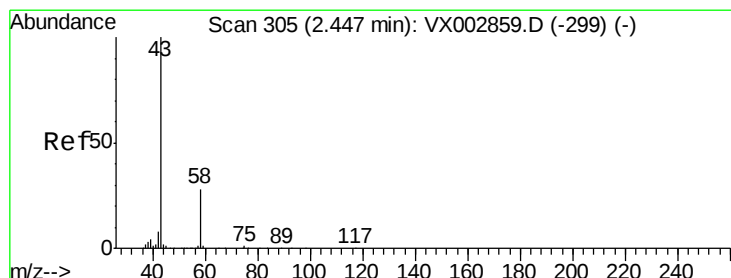
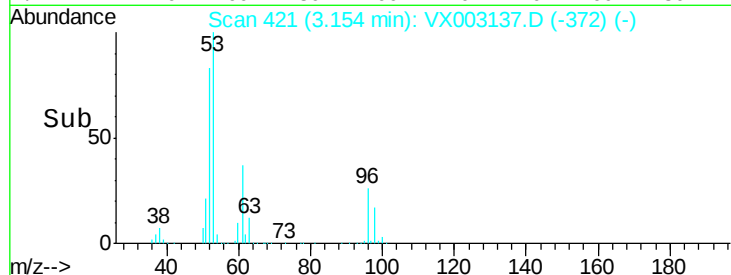
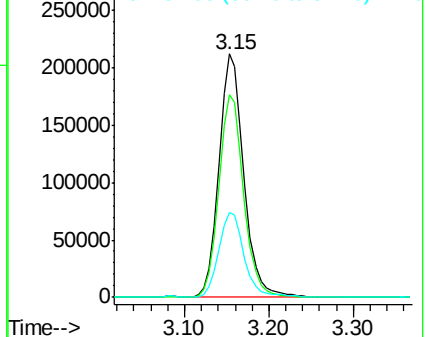
53 100

52 83.1 66.7 100.1

51 36.0 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: 254.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003137.D

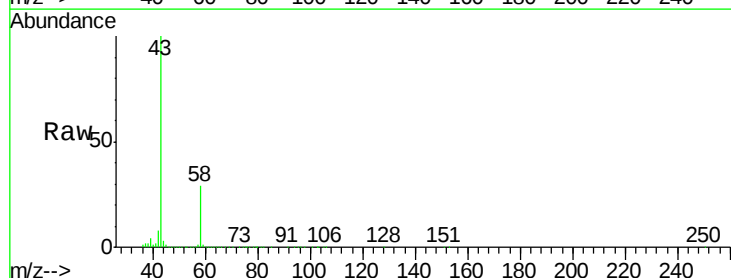
Acq: 02 Jul 2018 19:44

Tgt Ion: 43 Resp: 400663

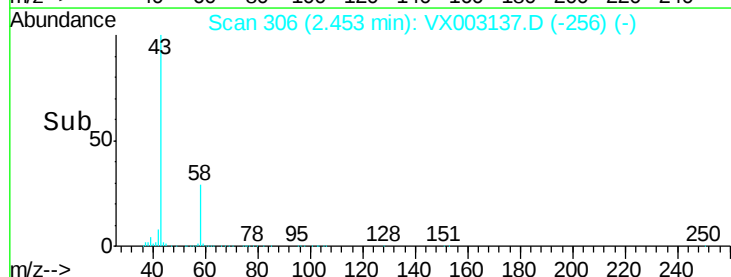
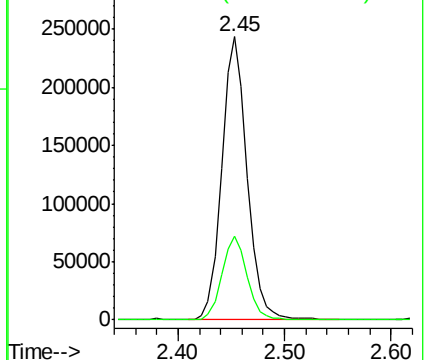
Ion Ratio Lower Upper

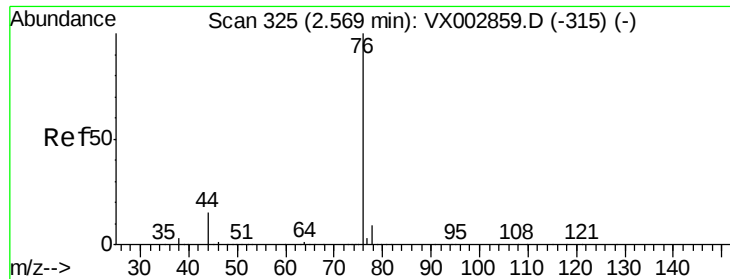
43 100

58 29.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

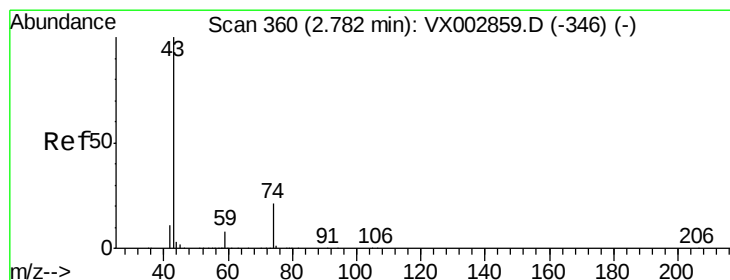
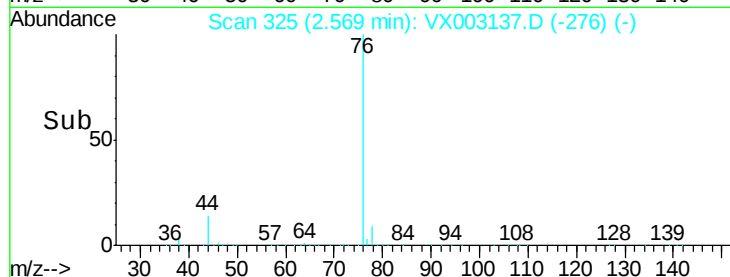
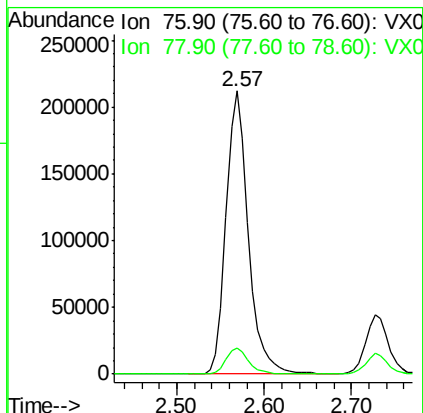
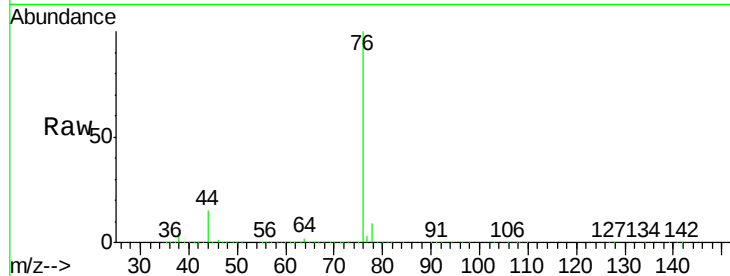




#17
Carbon Disulfide
Concen: 51.87 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

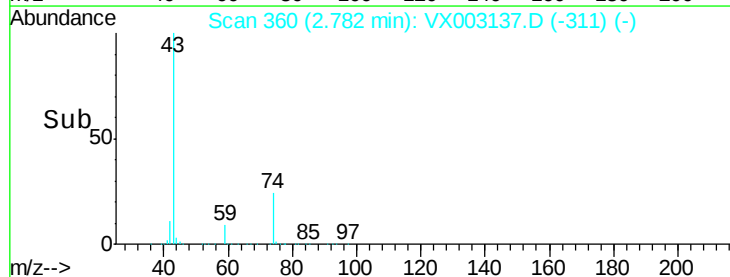
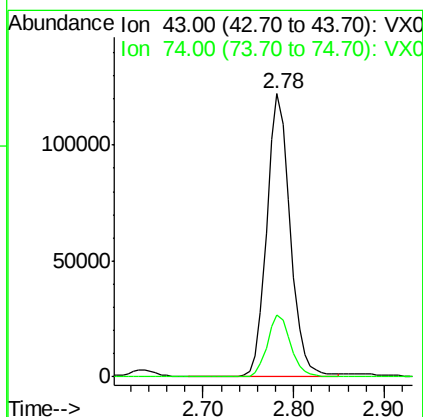
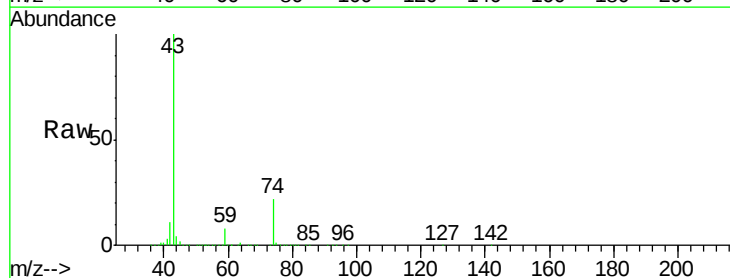
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

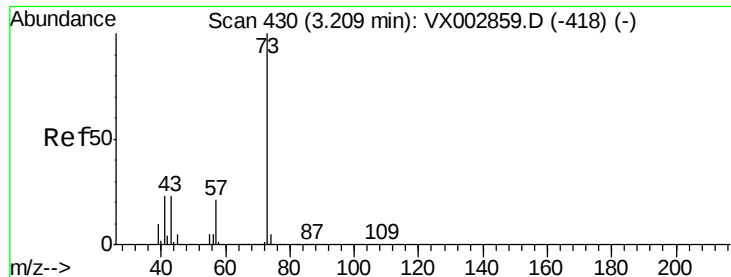
Tot Ion: 76 Resp: 374617
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 49.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 43 Resp: 217427
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 49.18 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

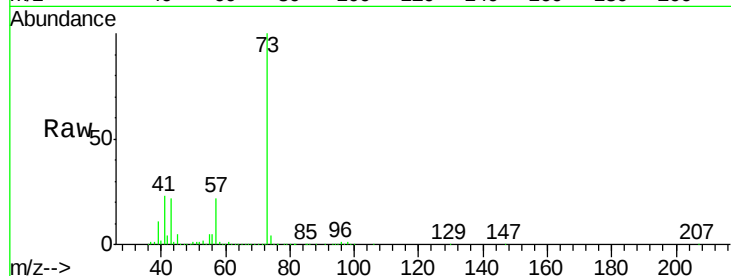
SP18-MMW-3414MS

Tot Ion: 73 Resp: 479259

Ion Ratio Lower Upper

73 100

57 22.0 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

150000

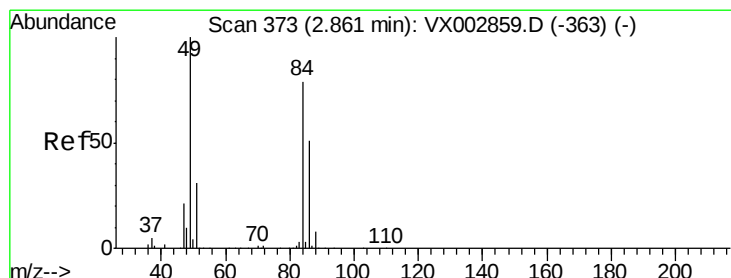
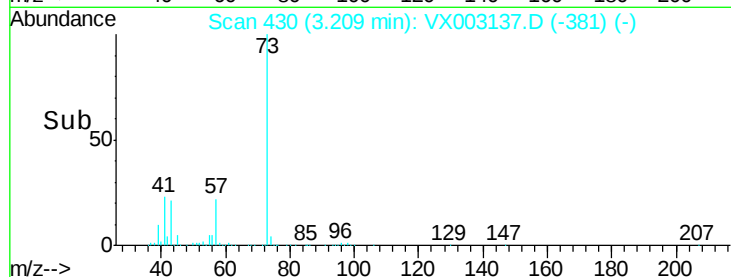
100000

50000

0

Time-->

3.10 3.20 3.30 3.40



#20

Methylene Chloride

Concen: 49.59 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Tgt Ion: 84 Resp: 151811

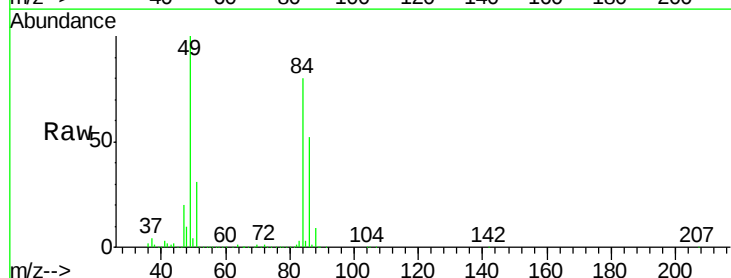
Ion Ratio Lower Upper

84 100

49 125.3 107.8 161.6

51 38.3 32.8 49.2

86 65.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

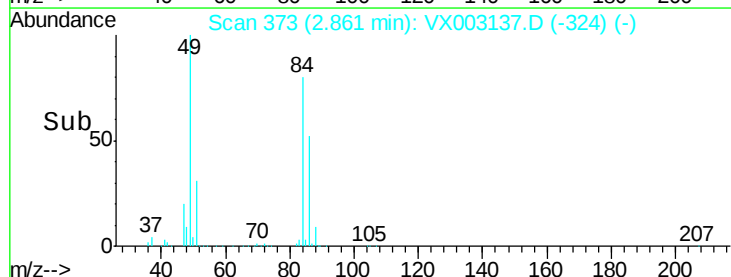
100000

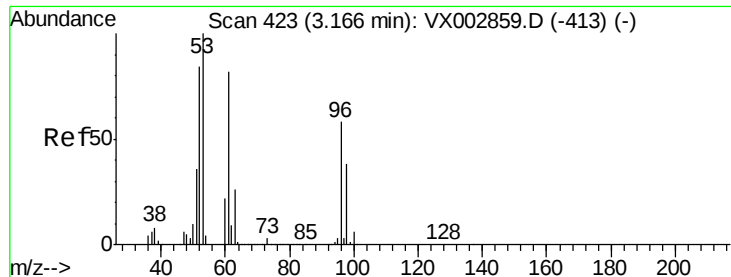
50000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 49.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

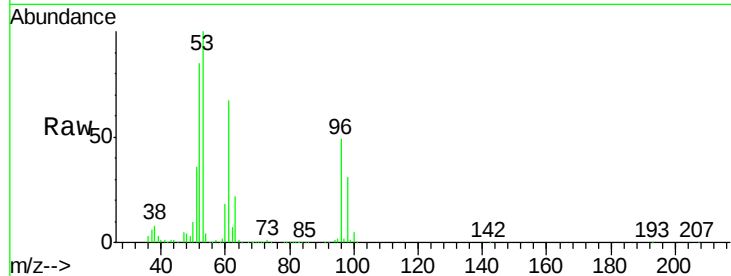
Tot Ion: 96 Resp: 145393

Ion Ratio Lower Upper

96 100

61 136.3 117.0 175.4

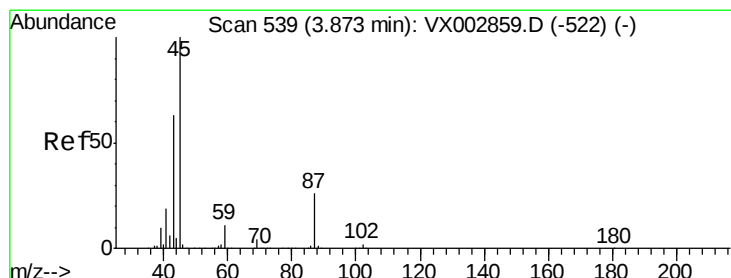
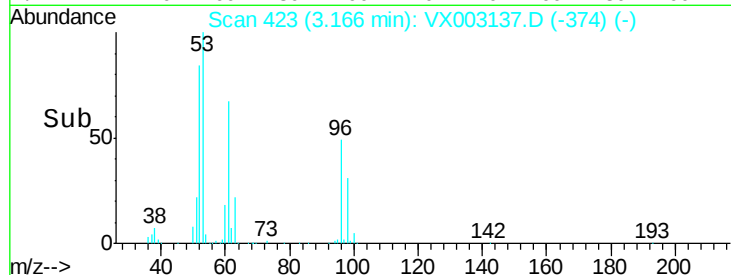
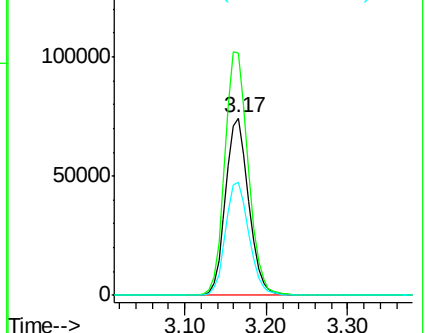
98 63.5 52.4 78.6



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



#22

Diisopropyl ether

Concen: 48.50 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Tgt Ion: 45 Resp: 495314

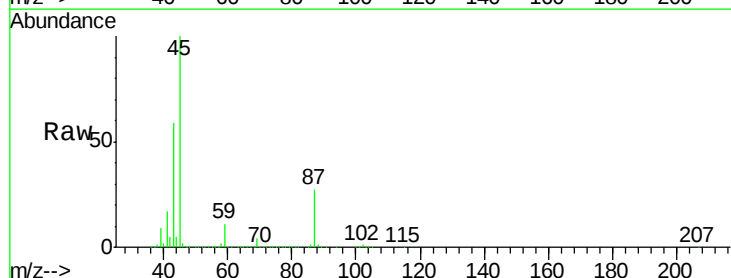
Ion Ratio Lower Upper

45 100

43 58.5 46.8 70.2

87 27.3 20.2 30.4

59 11.0 8.7 13.1

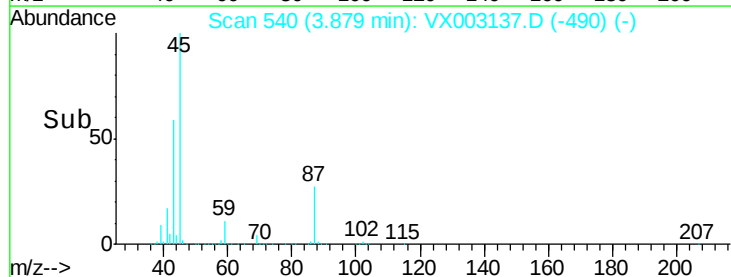
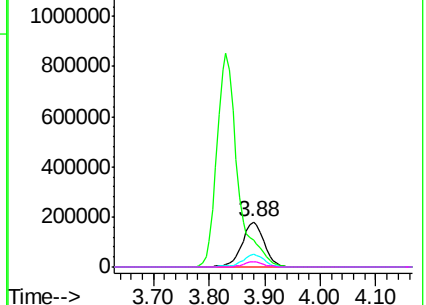


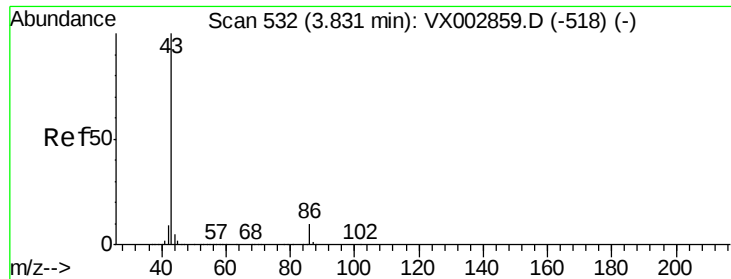
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 254.60 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

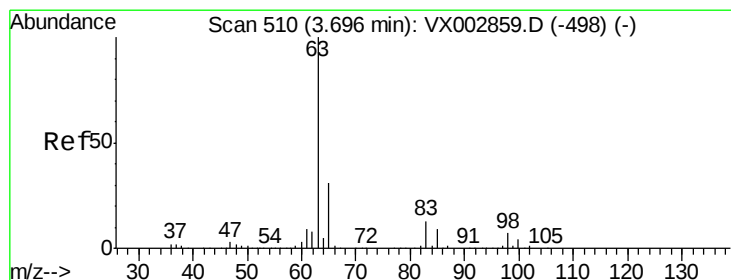
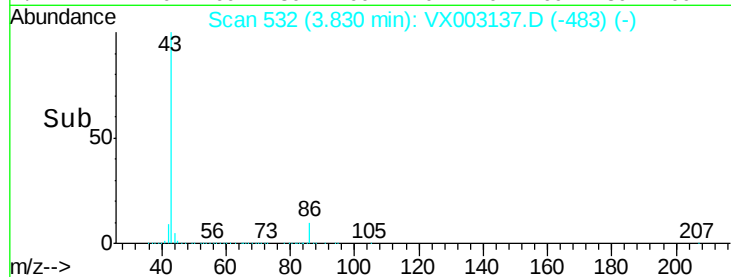
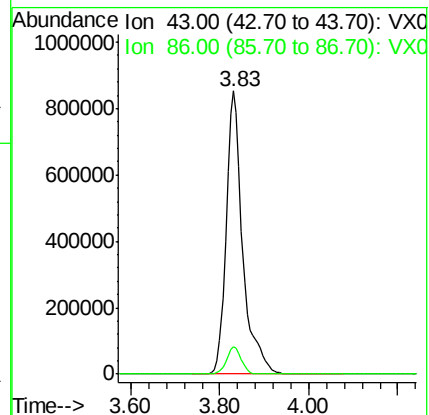
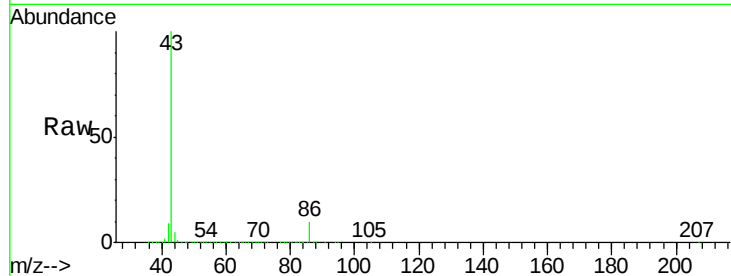
SP18-MMW-3414MS

Tot Ion: 43 Resp: 2201843

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



#24

1,1-Dichloroethane

Concen: 49.43 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

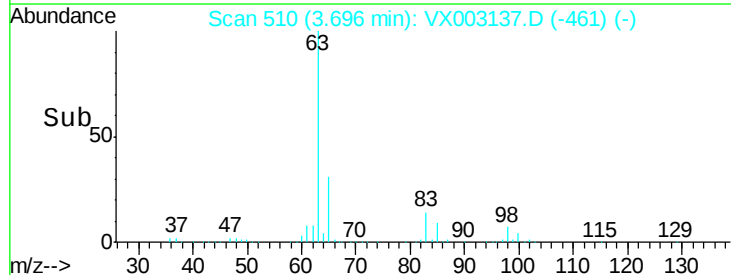
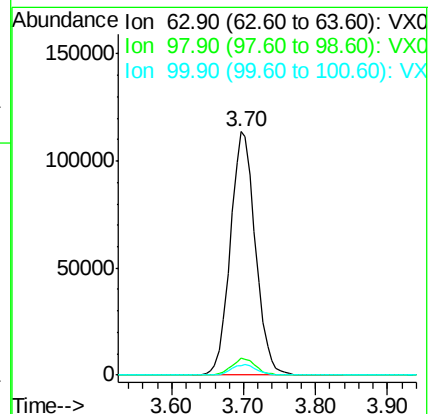
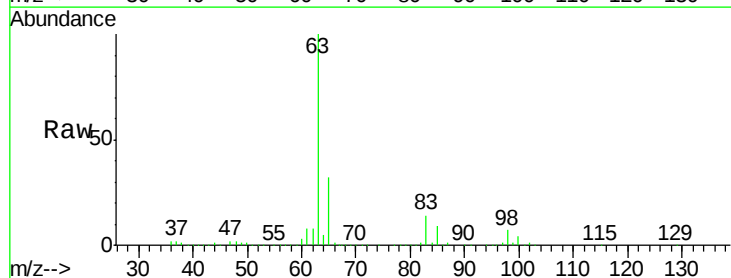
Tgt Ion: 63 Resp: 274370

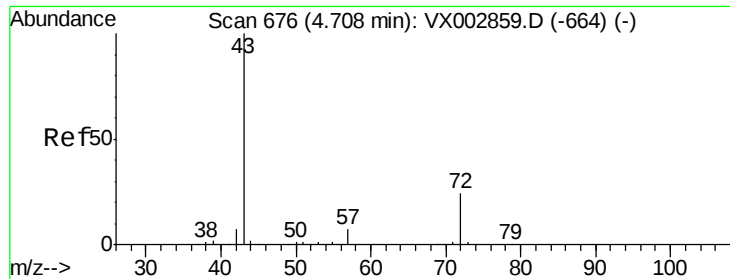
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 276.52 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

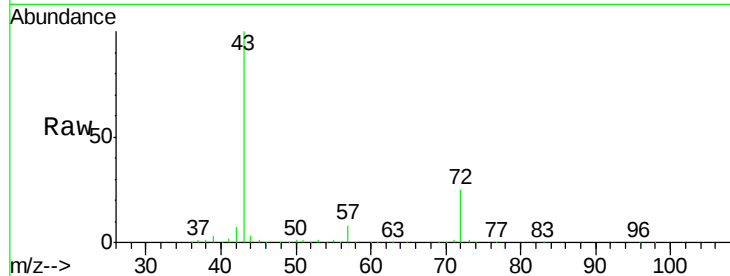
SP18-MMW-3414MS

Tot Ion: 43 Resp: 645619

Ion Ratio Lower Upper

43 100

72 24.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

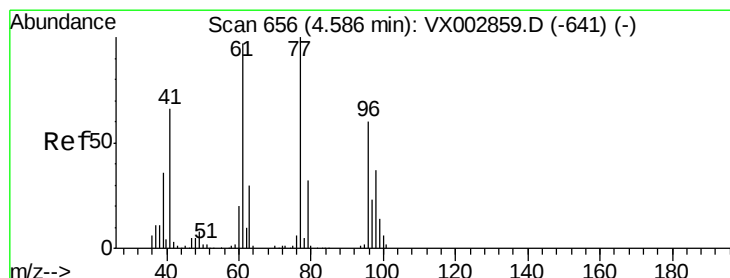
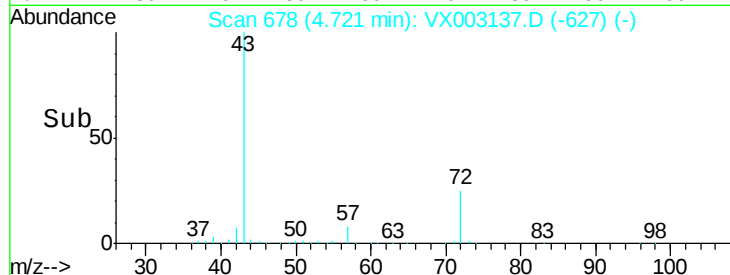
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 38.82 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003137.D

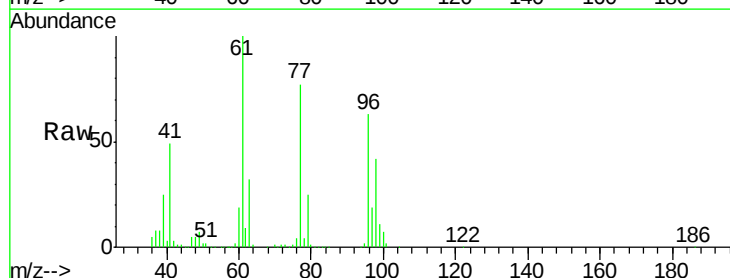
Acq: 02 Jul 2018 19:44

Tgt Ion: 77 Resp: 175235

Ion Ratio Lower Upper

77 100

97 24.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

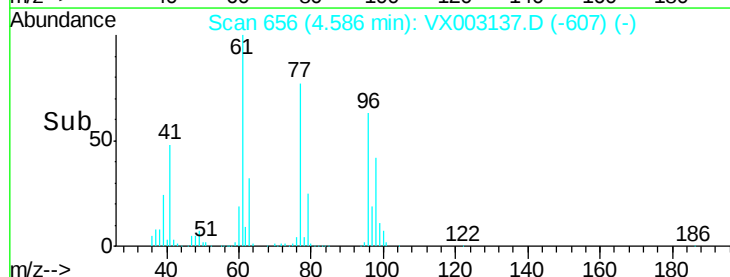
20000

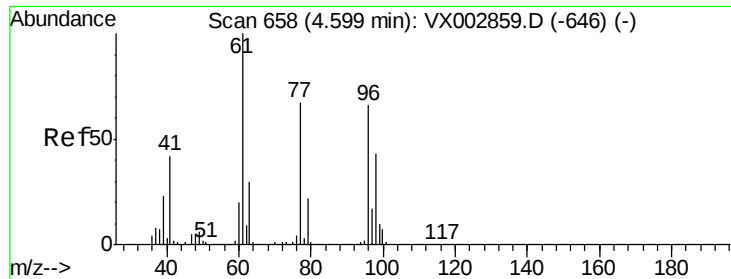
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 55.44 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

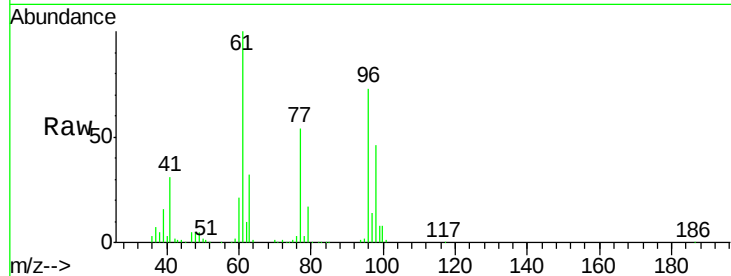
Tot Ion: 96 Resp: 183496

Ion Ratio Lower Upper

96 100

61 153.3 0.0 330.2

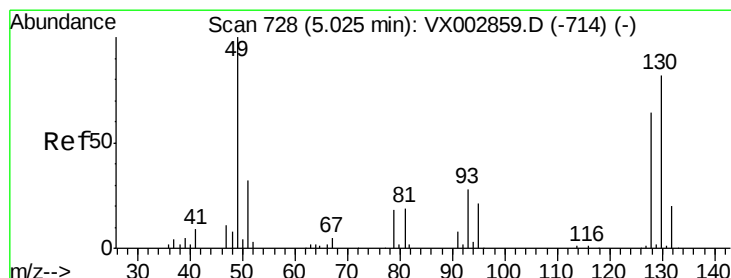
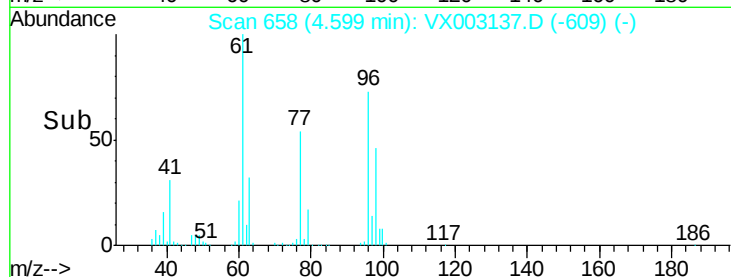
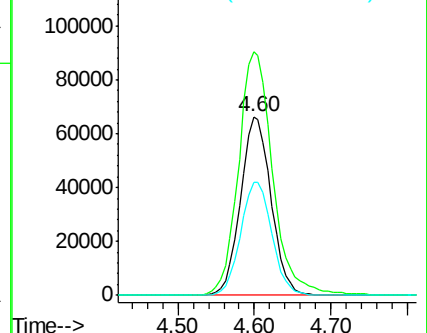
98 64.9 0.0 130.2



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: 48.37 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

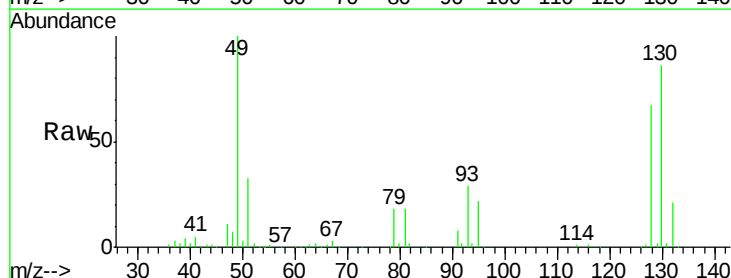
Tgt Ion: 49 Resp: 128536

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

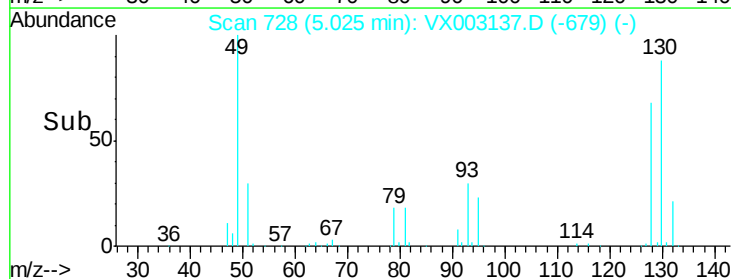
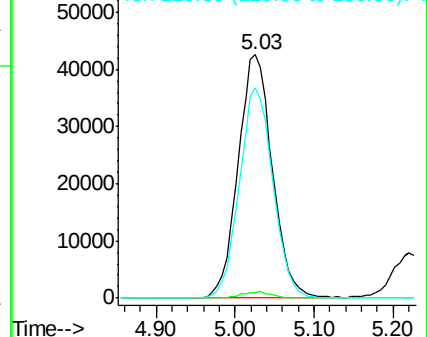
130 84.8 61.2 91.8

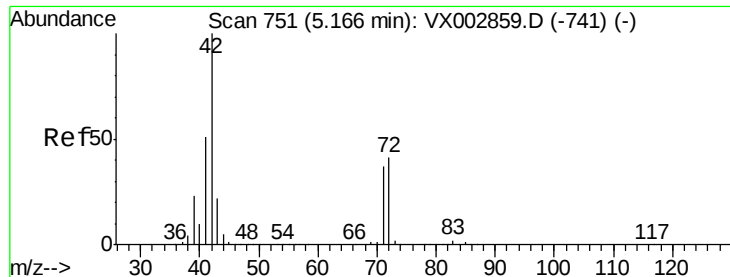


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

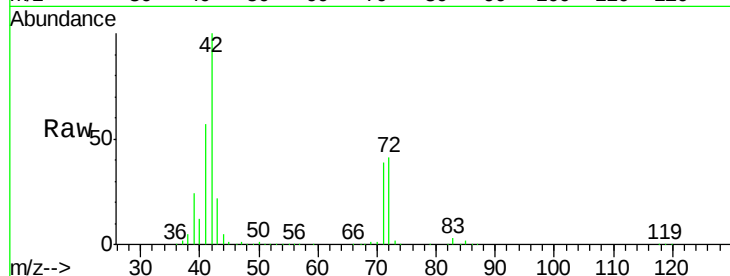




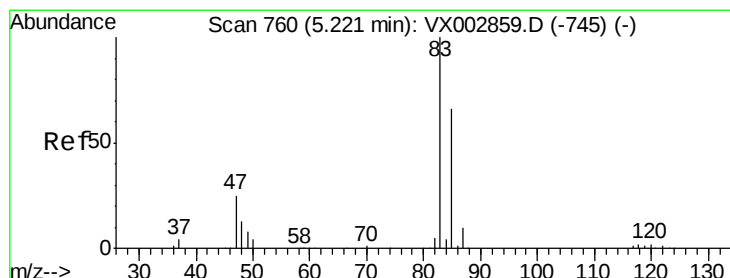
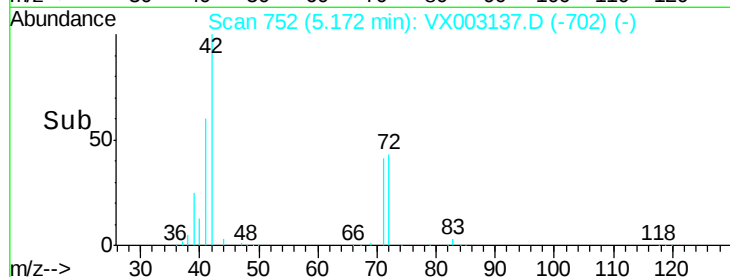
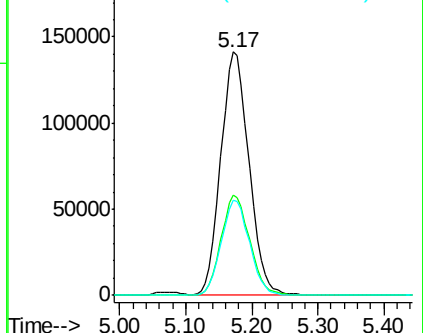
#29
Tetrahydrofuran
Concen: 278.10 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

Tot Ion: 42 Resp: 416379
Ion Ratio Lower Upper
42 100
72 41.9 32.0 48.0
71 39.4 30.1 45.1

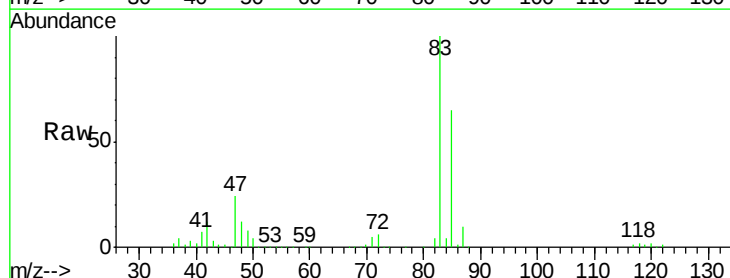


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

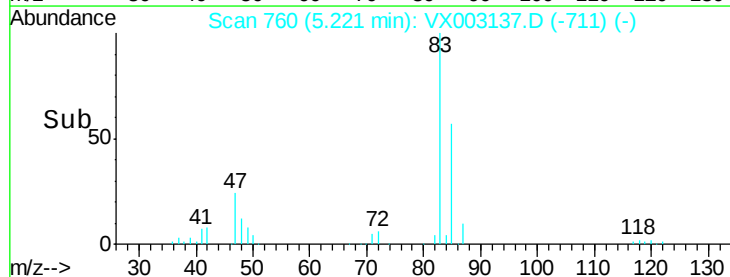
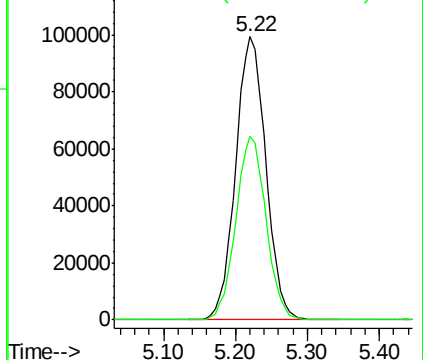


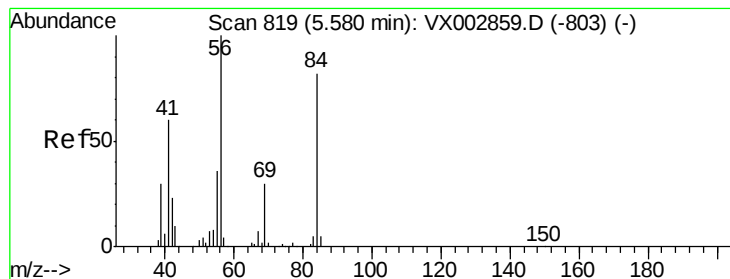
#30
Chloroform
Concen: 50.77 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 83 Resp: 289207
Ion Ratio Lower Upper
83 100
85 64.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.07 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

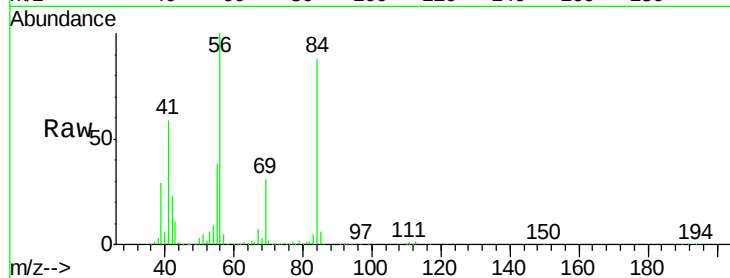
Tot Ion: 56 Resp: 243284

Ion Ratio Lower Upper

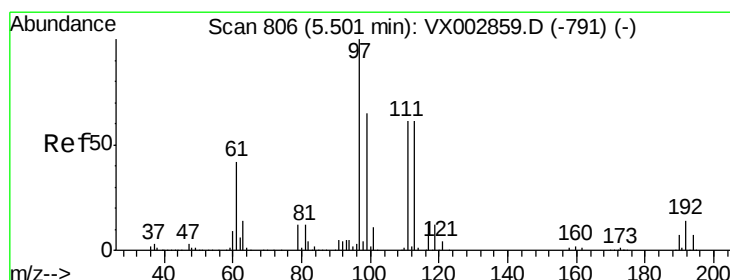
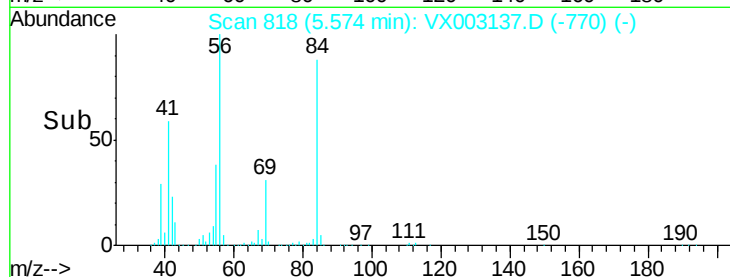
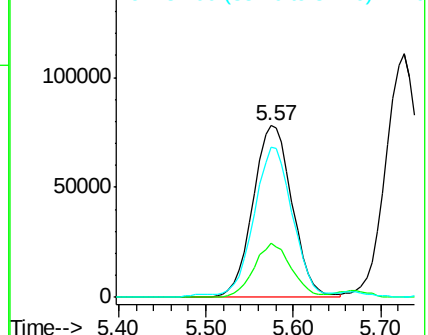
56 100

69 31.4 23.7 35.5

84 86.9 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: 51.18 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

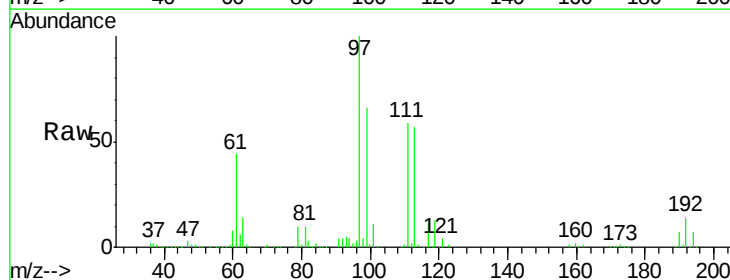
Tgt Ion: 97 Resp: 256555

Ion Ratio Lower Upper

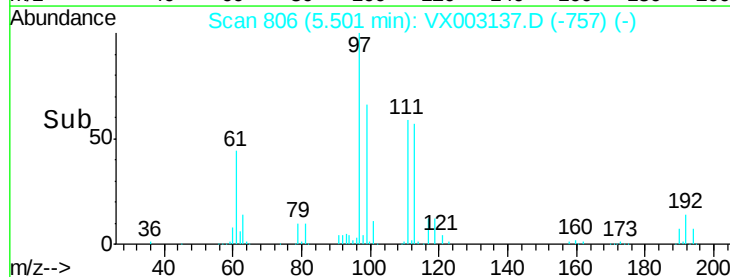
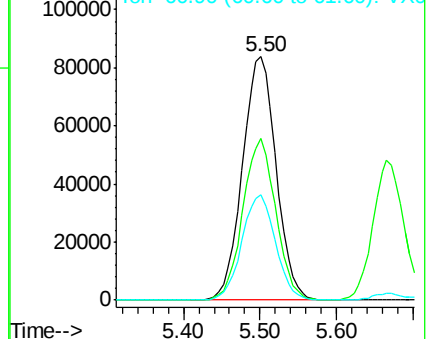
97 100

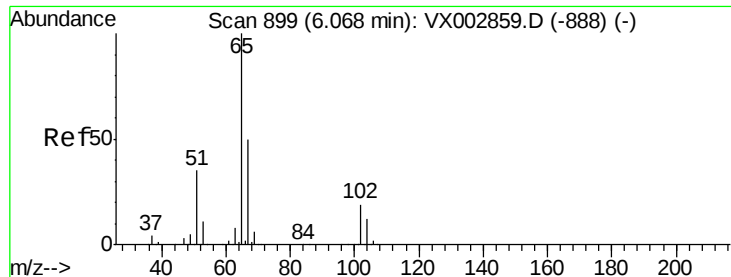
99 65.0 51.6 77.4

61 43.3 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

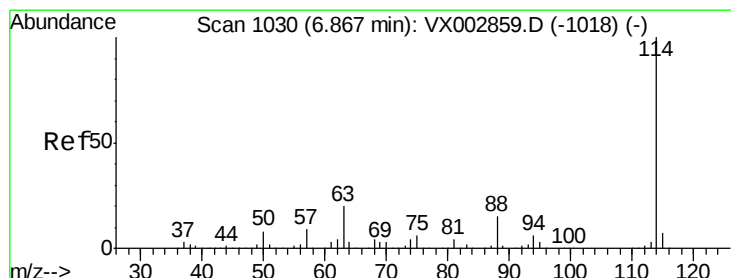
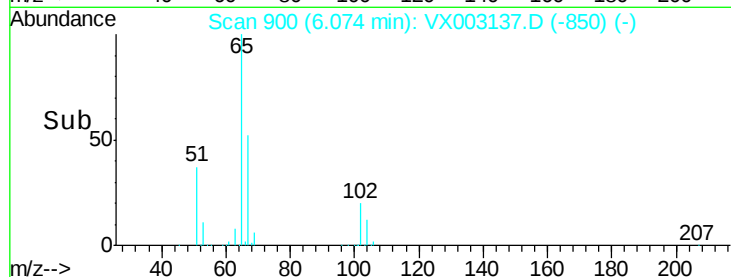
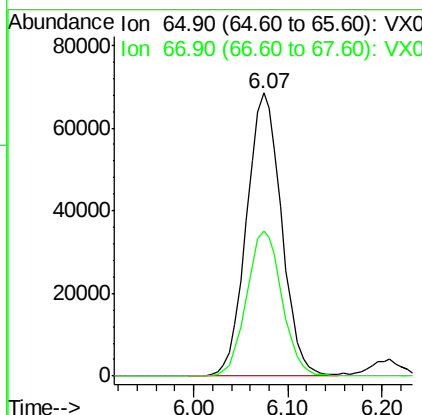
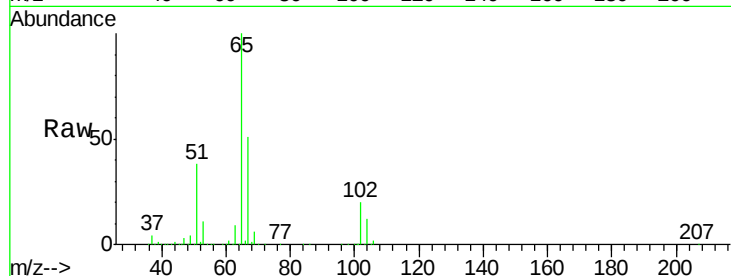




#33
 1,2-Dichloroethane-d4
 Concen: 46.87 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

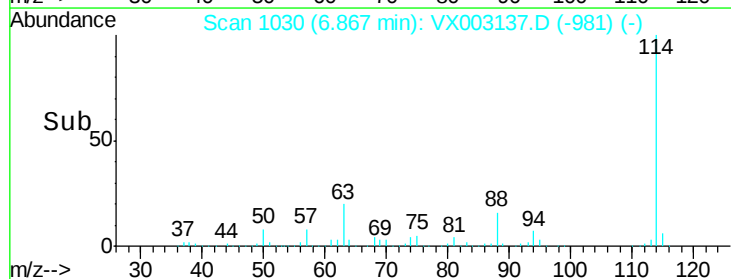
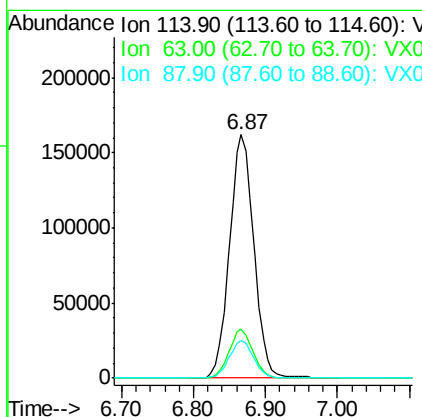
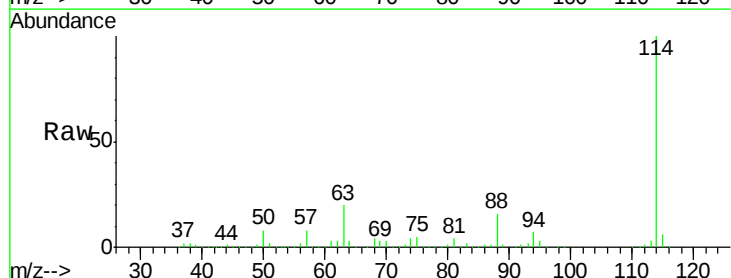
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

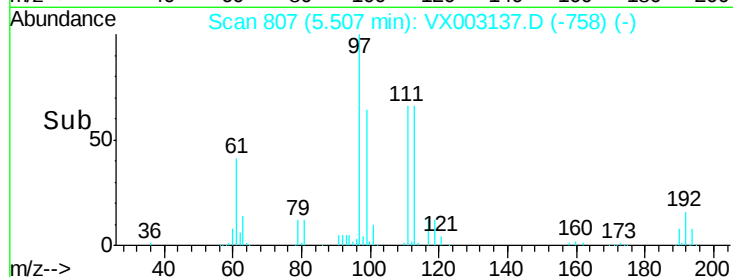
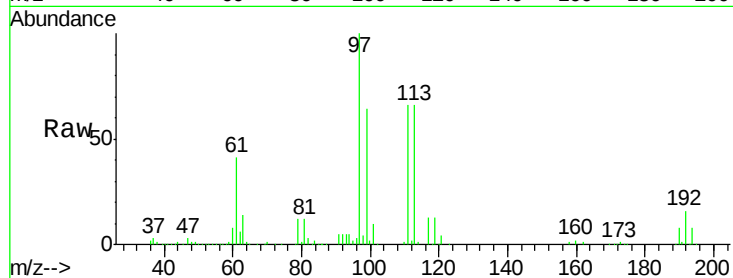
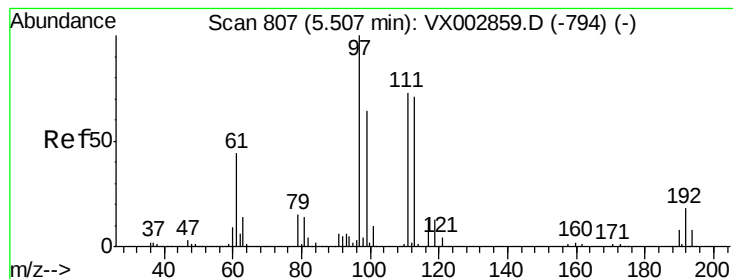
Tot Ion: 65 Resp: 178068
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion: 114 Resp: 380628
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

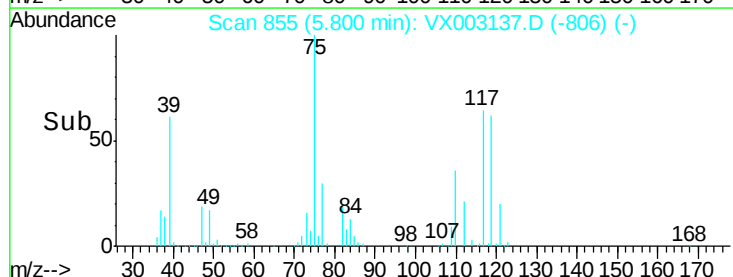
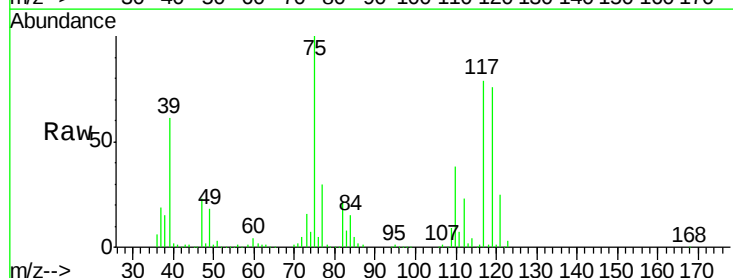
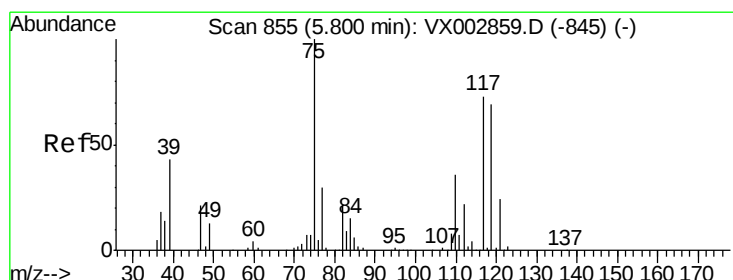
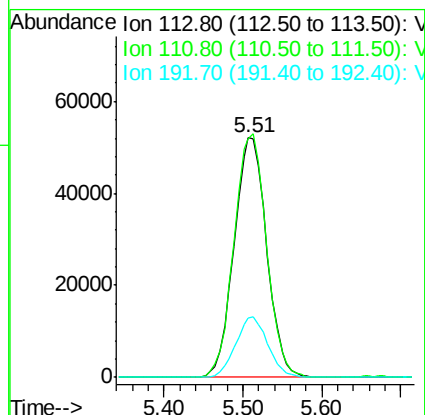
Tot Ion:113 Resp: 149610

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 24.9 19.1 28.7



#36

1,1-Dichloropropene

Concen: 49.66 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

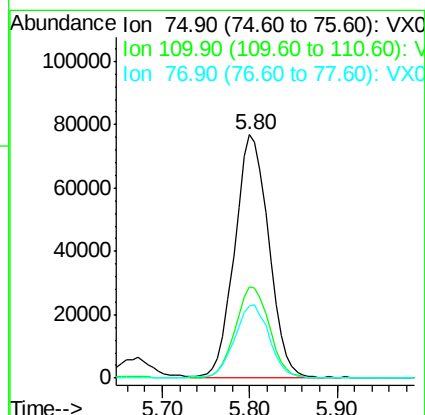
Tgt Ion: 75 Resp: 207281

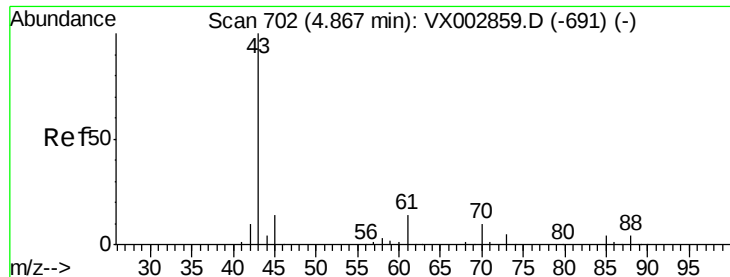
Ion Ratio Lower Upper

75 100

110 37.9 18.1 54.4

77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 53.59 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

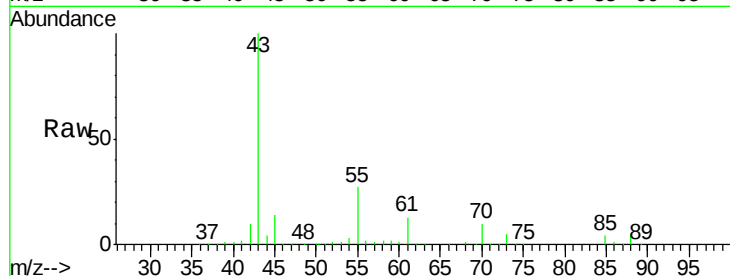
Tot Ion: 43 Resp: 240834

Ion Ratio Lower Upper

43 100

61 13.2 10.4 15.6

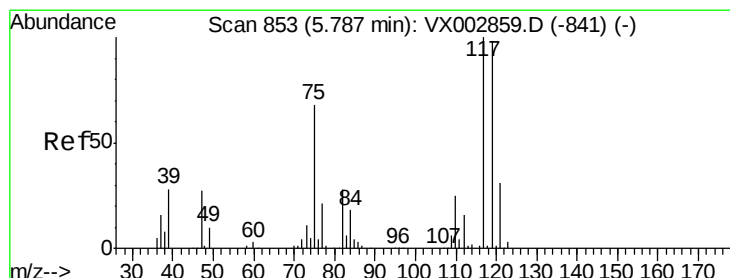
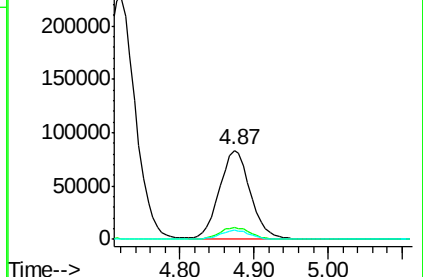
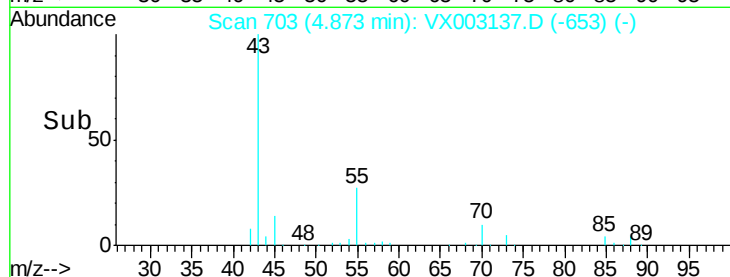
70 10.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003137.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX003137.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX003137.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 50.63 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

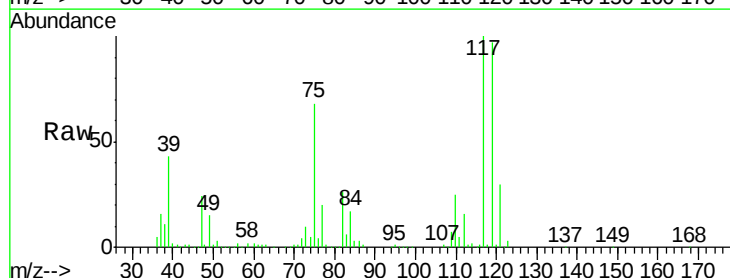
Tgt Ion: 117 Resp: 231892

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

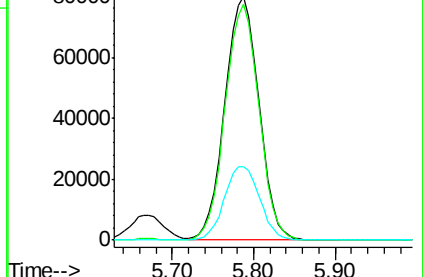
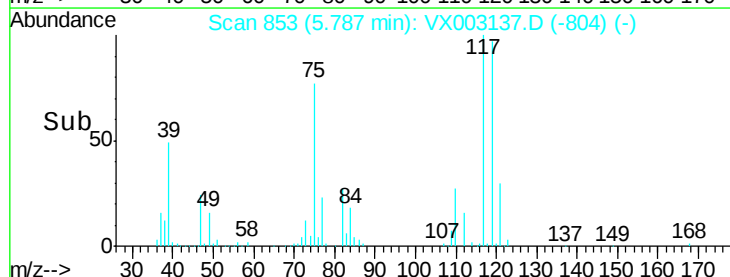
121 29.9 24.4 36.6

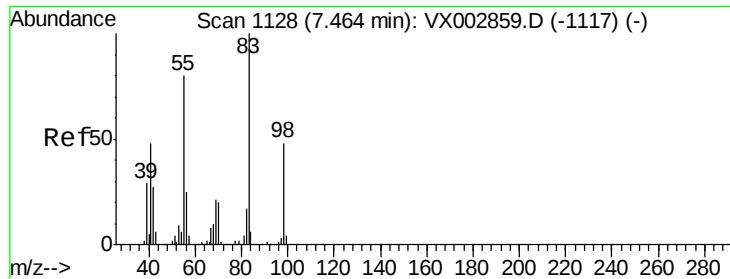


Abundance Ion 116.80 (116.50 to 117.50): VX003137.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX003137.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX003137.D (-804) (-)

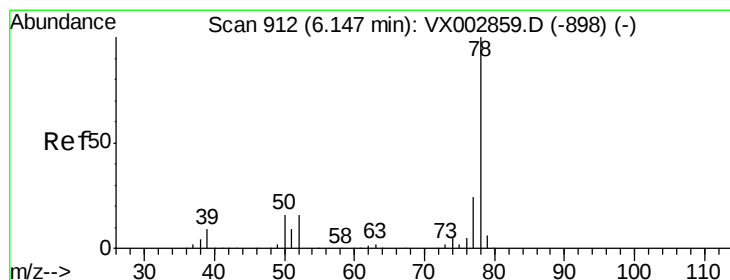
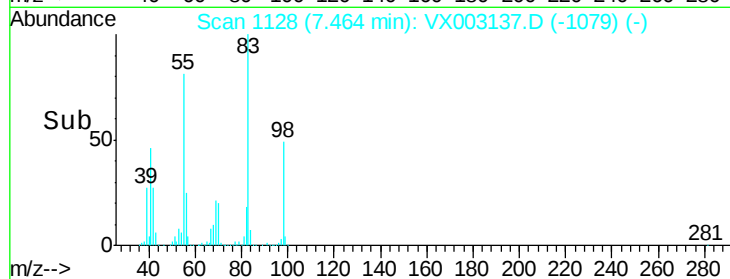
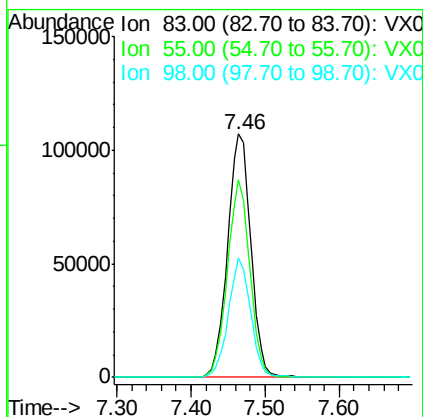
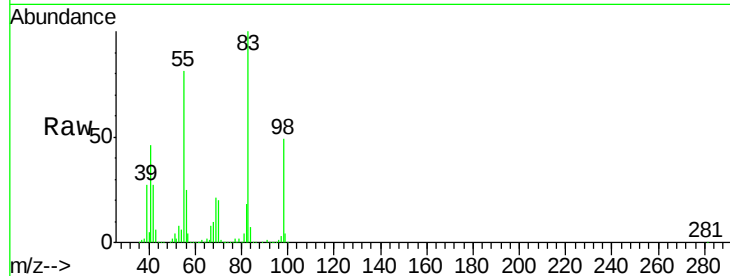




#39
Methvlcvclohexane
Concen: 48.17 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

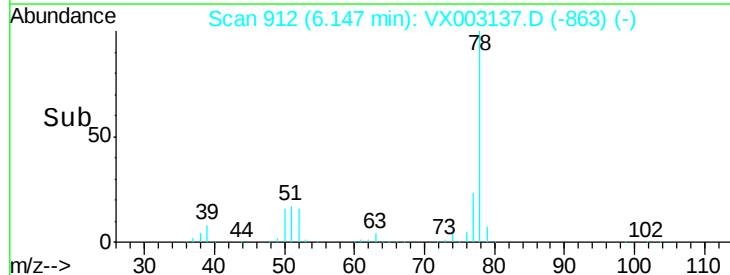
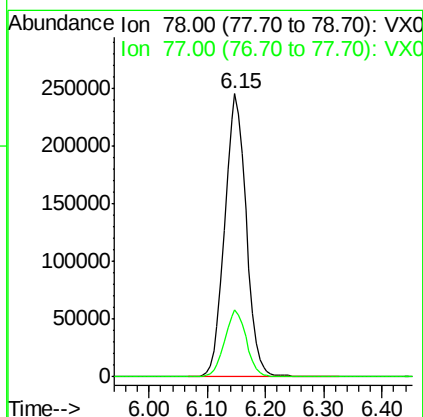
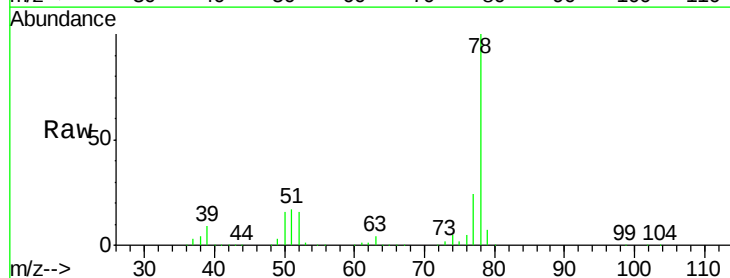
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

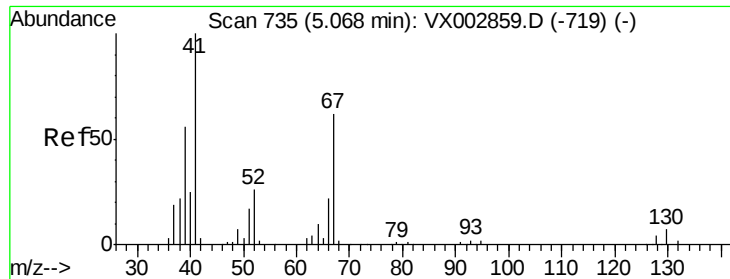
Tot Ion: 83 Resp: 234211
Ion Ratio Lower Upper
83 100
55 81.0 65.4 98.0
98 49.0 37.4 56.0



#40
Benzene
Concen: 52.12 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 78 Resp: 632093
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

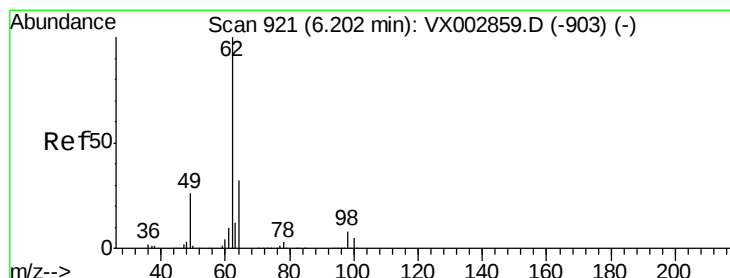
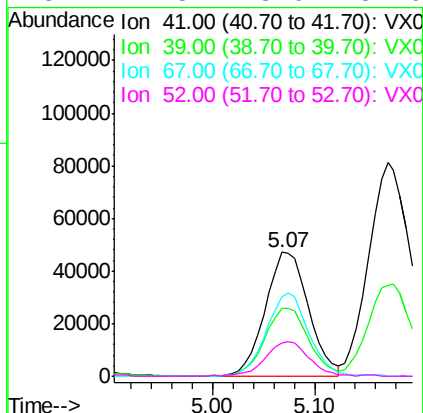
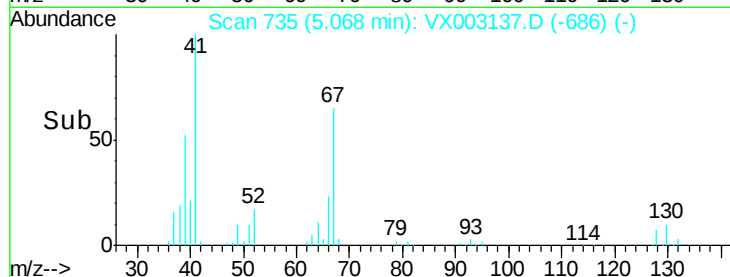
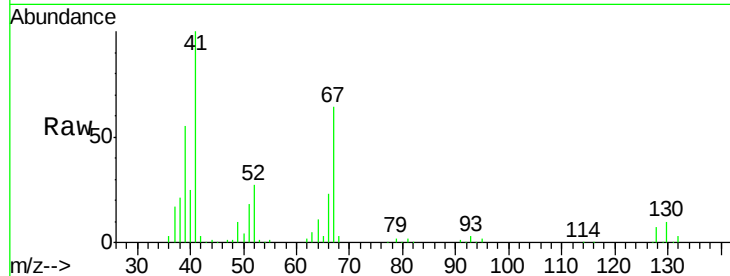




#41
Methacrylonitrile
Concen: 53.30 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

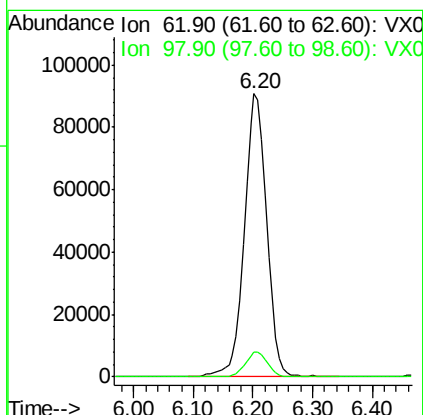
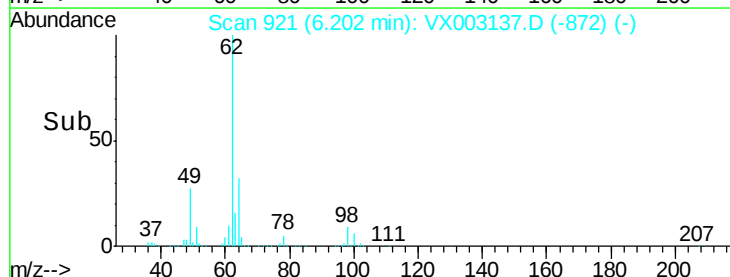
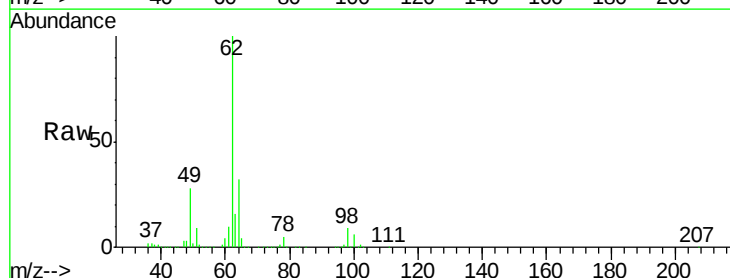
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

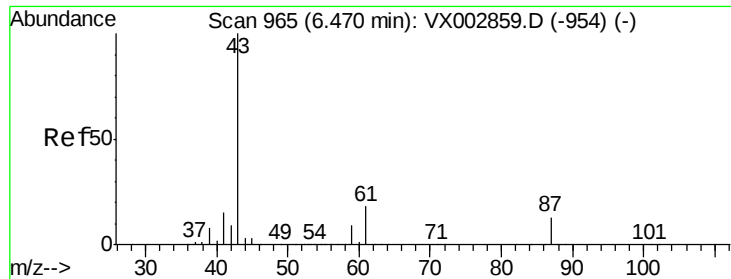
Tot Ion:	41	Resp:	137939
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	66.2	51.3	76.9
52	27.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.35 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion:	62	Resp:	236884
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6



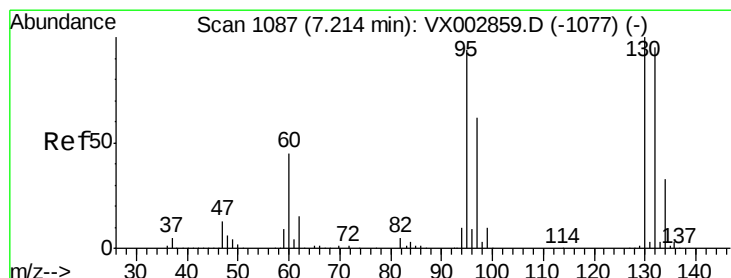
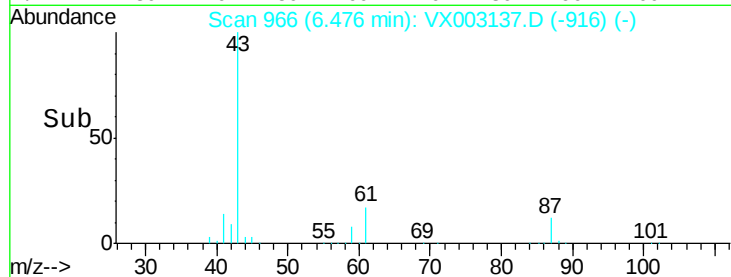
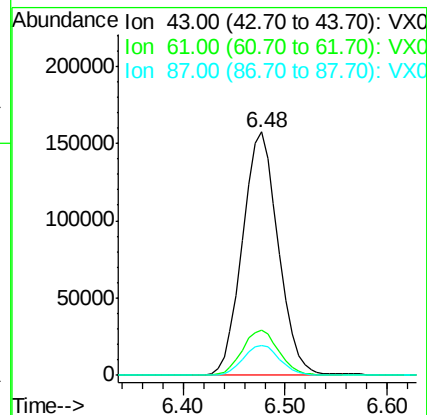
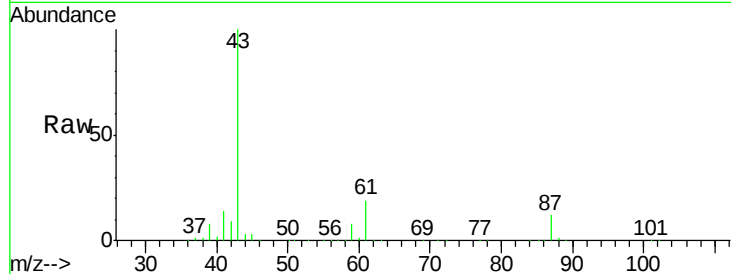


#43

Isopropyl Acetate
 Concen: 50.82 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

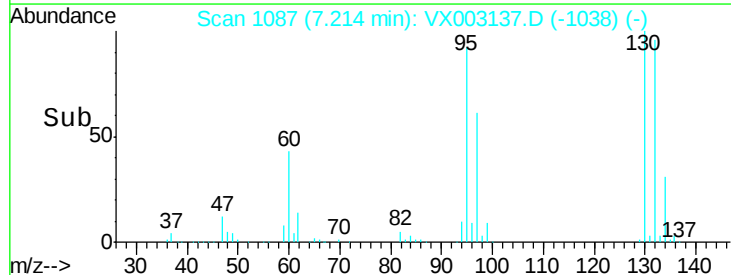
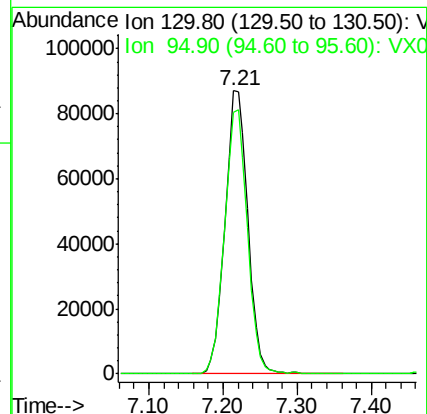
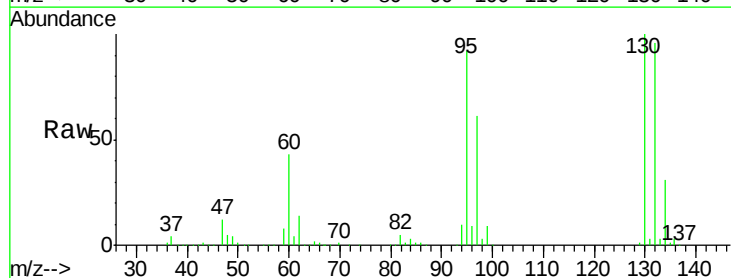
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.4	21.6
87	12.9	9.5	14.3



#44

Trichloroethene
 Concen: 51.45 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.62 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

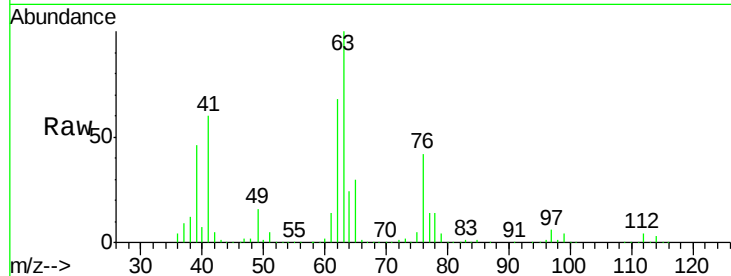
SP18-MMW-3414MS

Tot Ion: 63 Resp: 162840

Ion Ratio Lower Upper

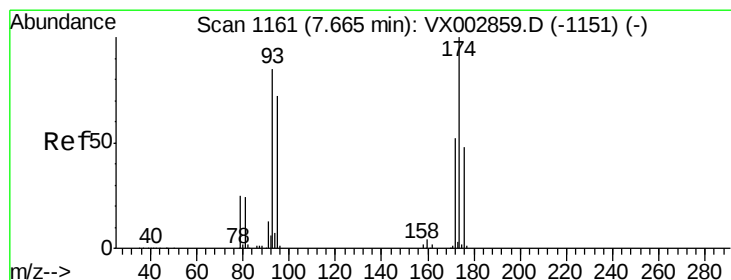
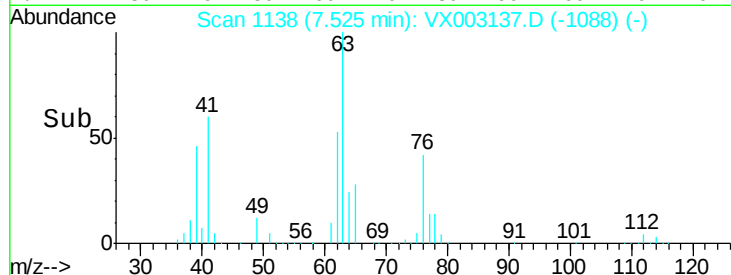
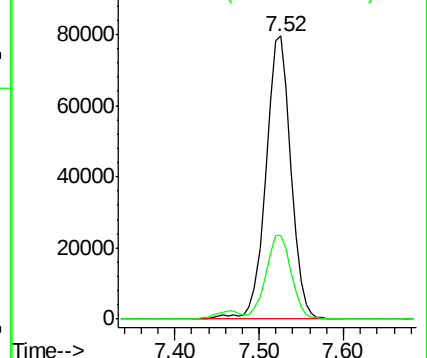
63 100

65 29.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.46 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

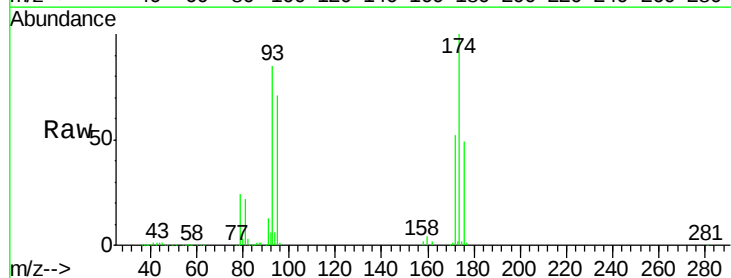
Tgt Ion: 93 Resp: 112663

Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

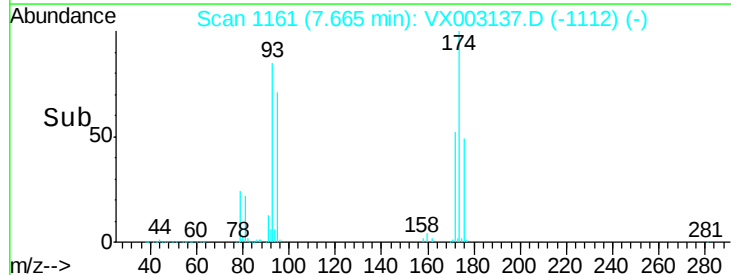
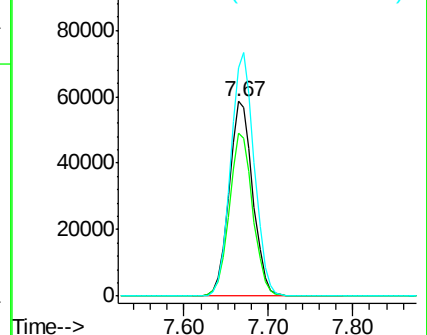
174 124.1 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.49 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

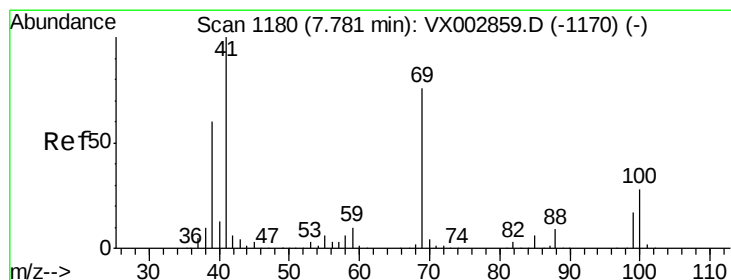
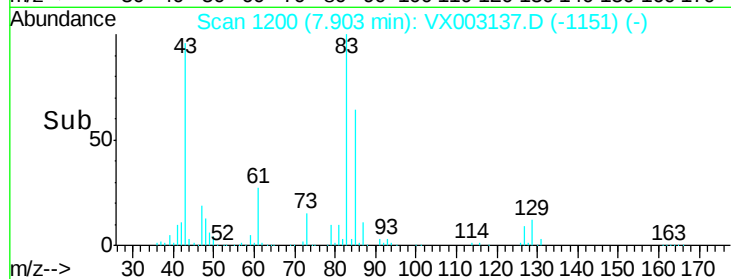
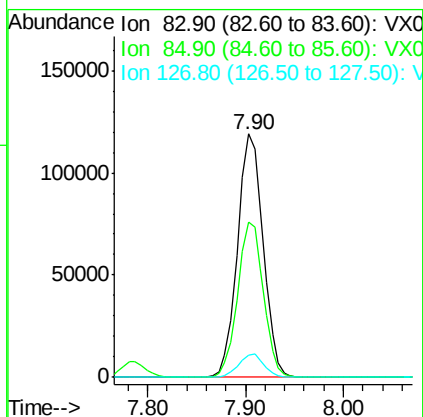
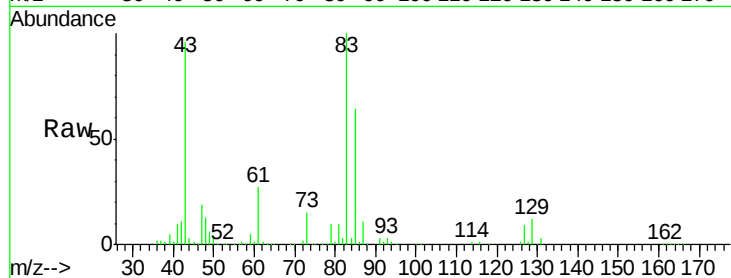
Tot Ion: 83 Resp: 216642

Ion Ratio Lower Upper

83 100

85 63.7 50.3 75.5

127 9.1 7.0 10.4



#48

Methyl methacrylate

Concen: 52.85 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

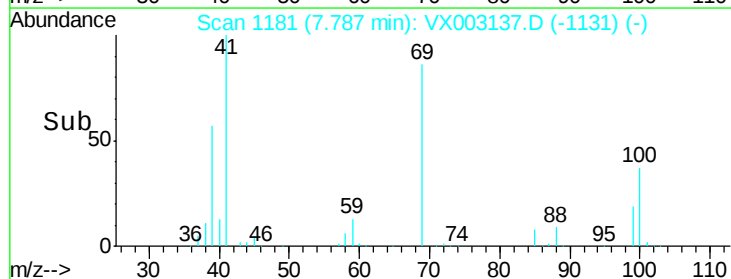
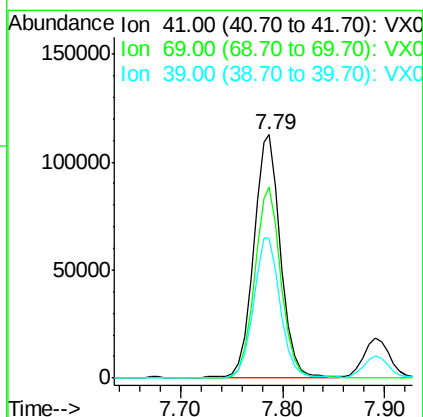
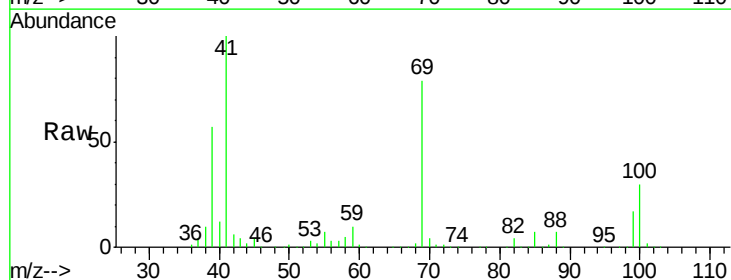
Tgt Ion: 41 Resp: 205239

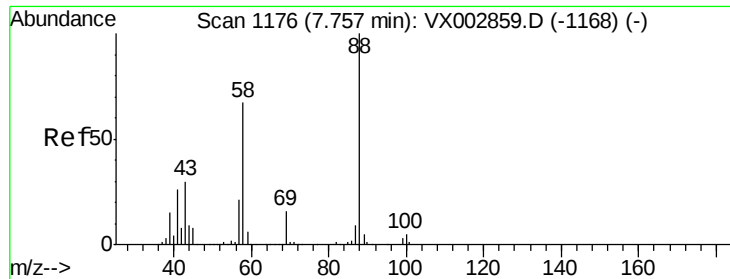
Ion Ratio Lower Upper

41 100

69 77.6 59.1 88.7

39 57.5 48.9 73.3

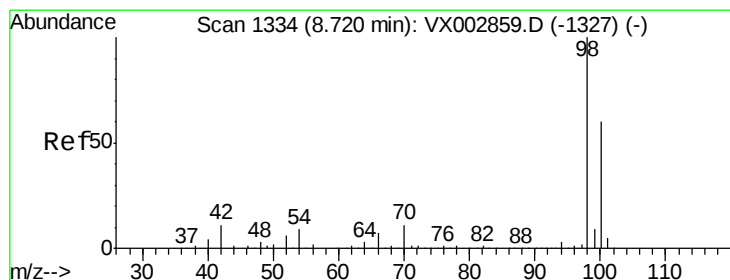
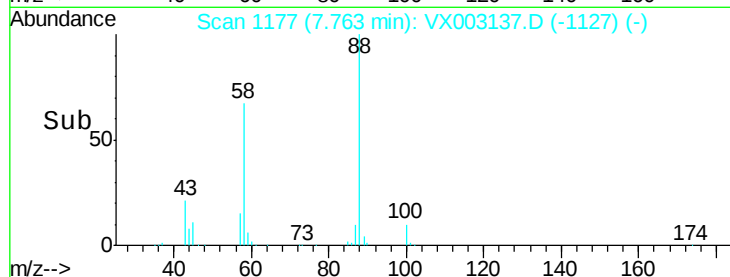
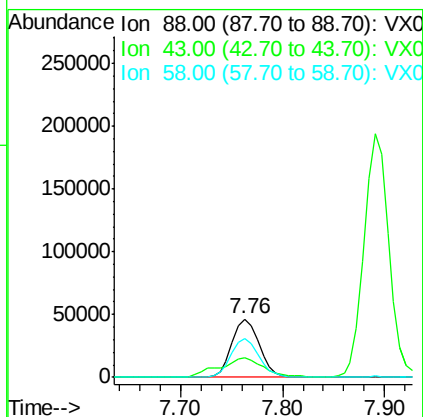
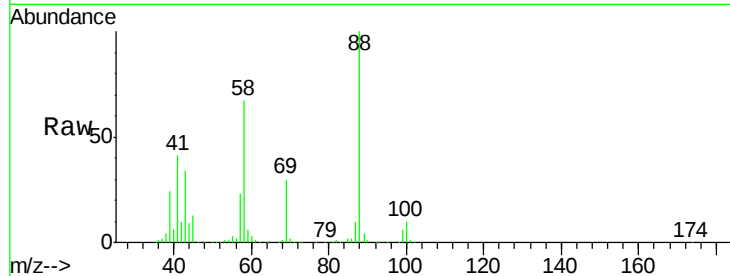




#49
1,4-Dioxane
Concen: 1150.01 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

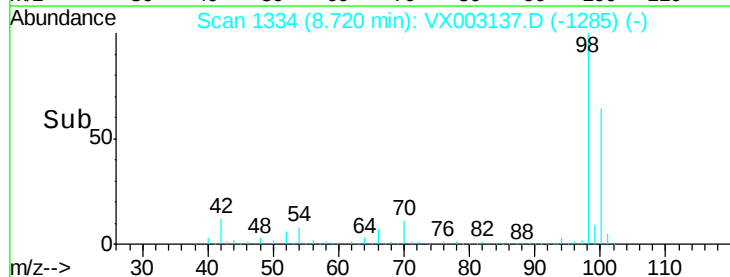
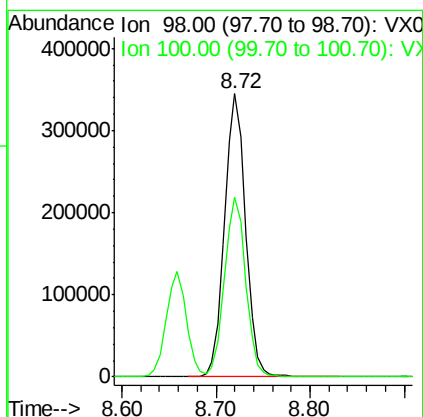
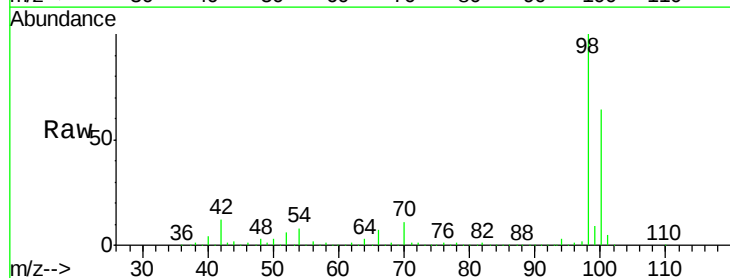
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

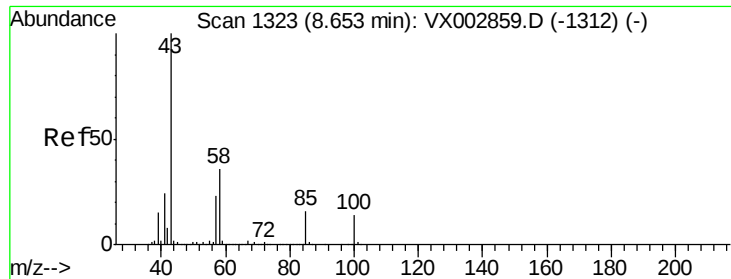
Tot Ion	88	Resp	86895
Ion	Ratio	Lower	Upper
88	100		
43	50.0	29.8	44.6#
58	68.8	57.1	85.7



#50
Toluene-d8
Concen: 48.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion	98	Resp	533088
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 275.76 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

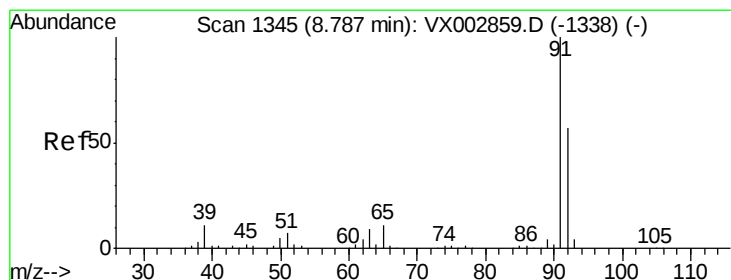
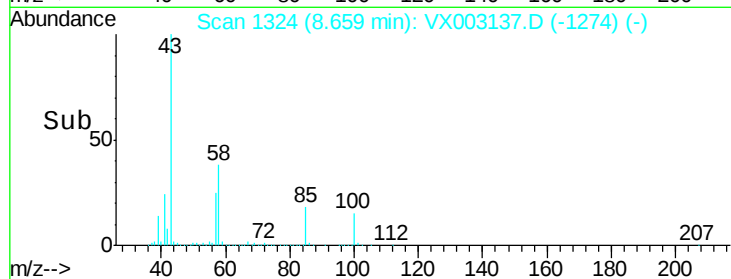
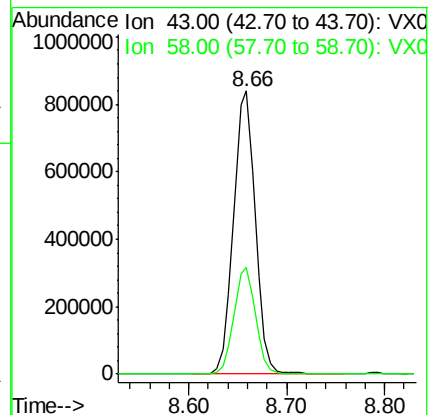
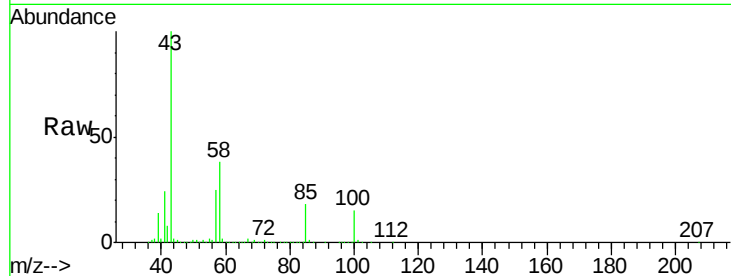
SP18-MMW-3414MS

Tot Ion: 43 Resp: 1300461

Ion Ratio Lower Upper

43 100

58 37.2 28.6 42.8



#52

Toluene

Concen: 51.60 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003137.D

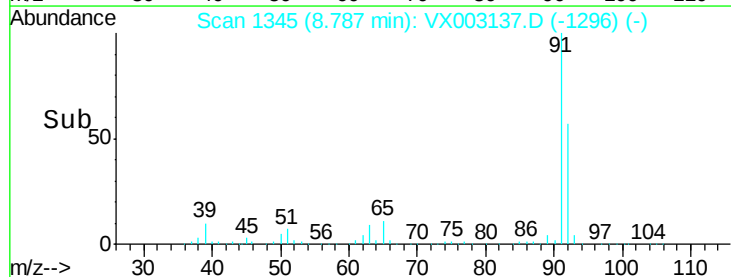
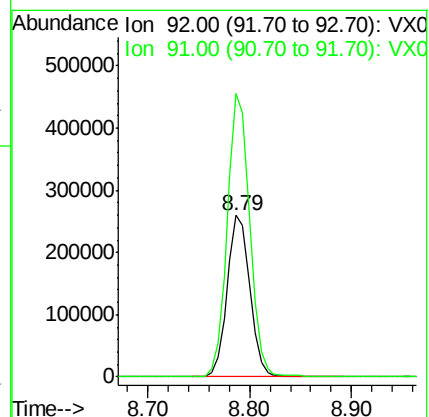
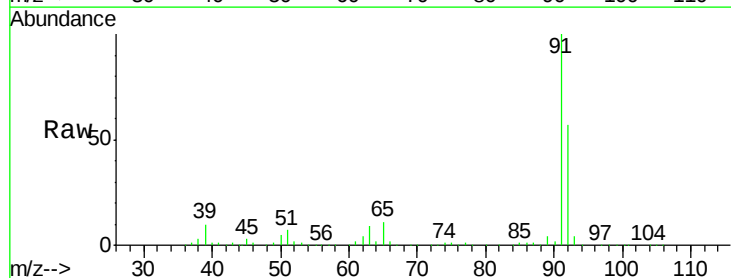
Acq: 02 Jul 2018 19:44

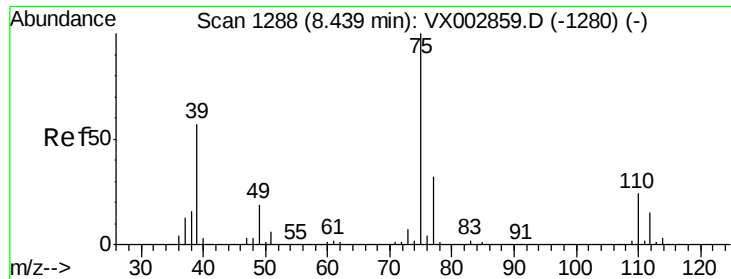
Tgt Ion: 92 Resp: 400915

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6

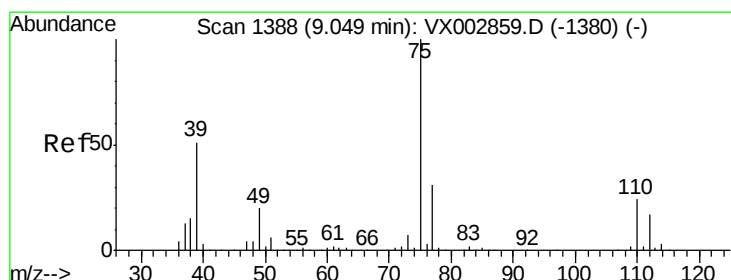
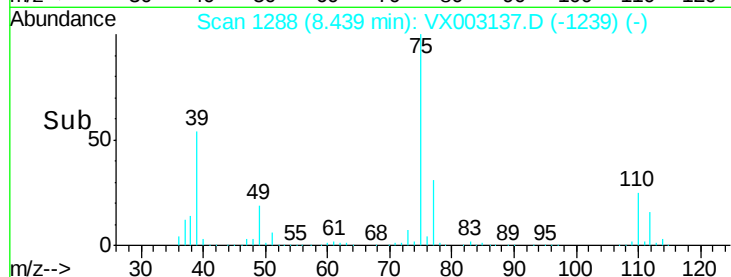
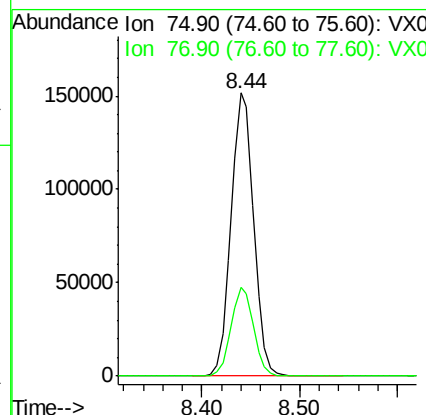
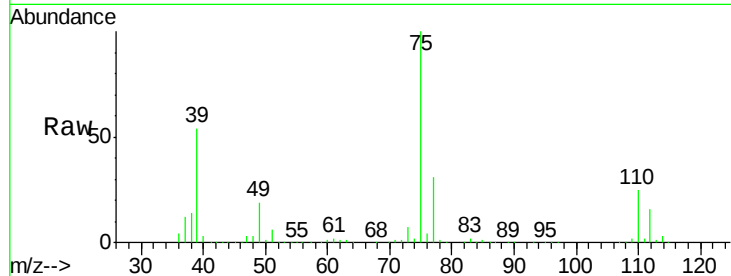




#53
 t-1,3-Dichloropropene
 Concen: 51.85 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

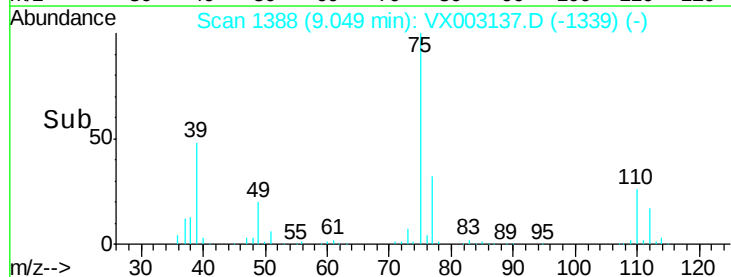
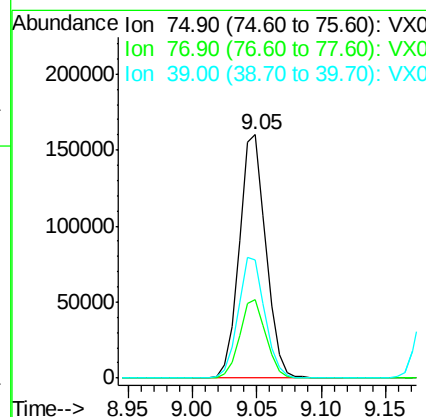
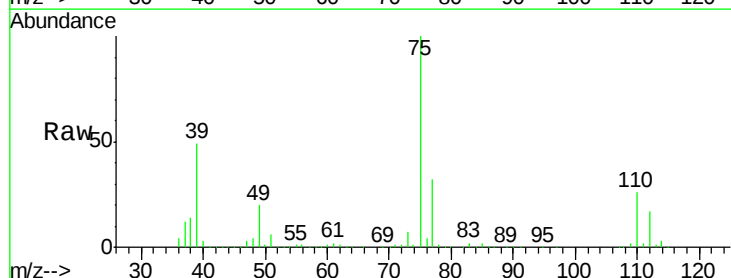
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

Tot Ion: 75 Resp: 242380
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.01 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion: 75 Resp: 229440
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.8 37.2
 39 48.5 42.4 63.6



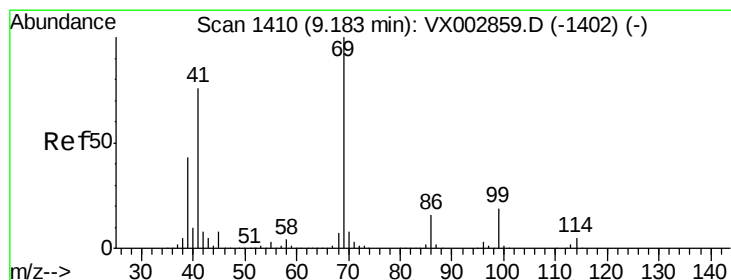
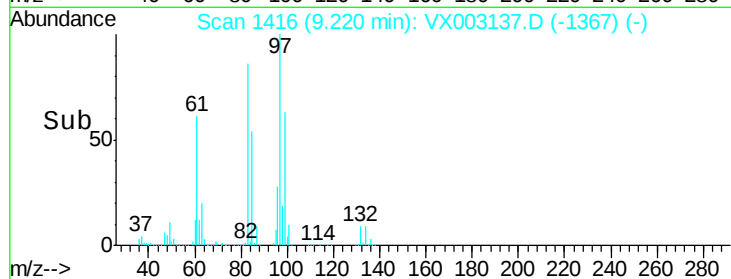
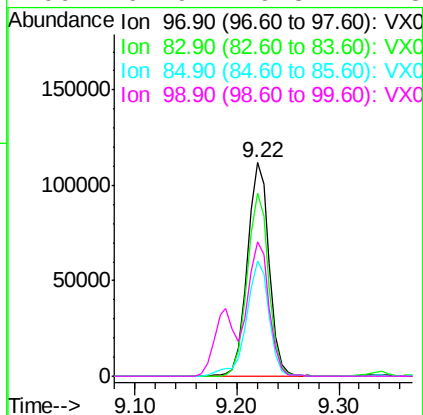
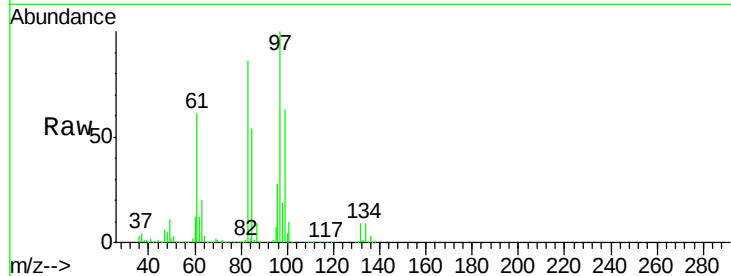


#55
 1,1,2-Trichloroethane
 Concen: 51.90 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

Tot Ion: 97 Resp: 165682

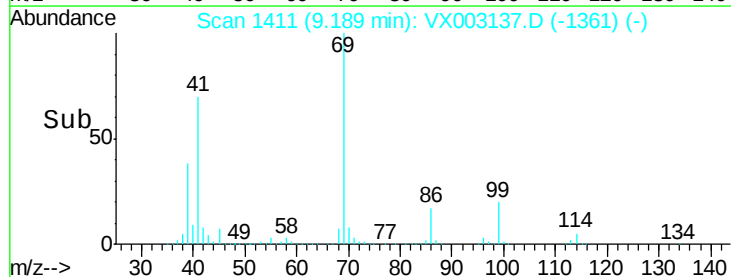
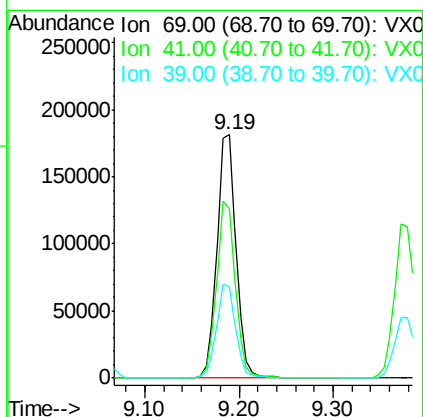
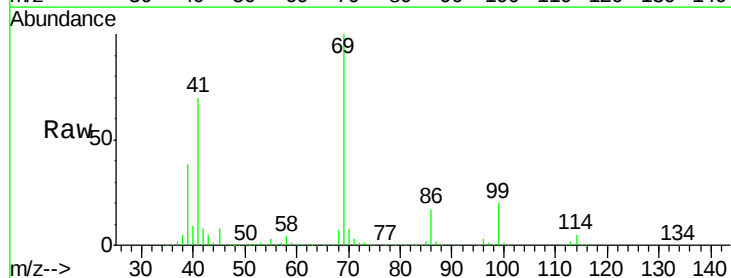
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.2
85	54.0	44.9	67.3
99	62.9	49.8	74.8

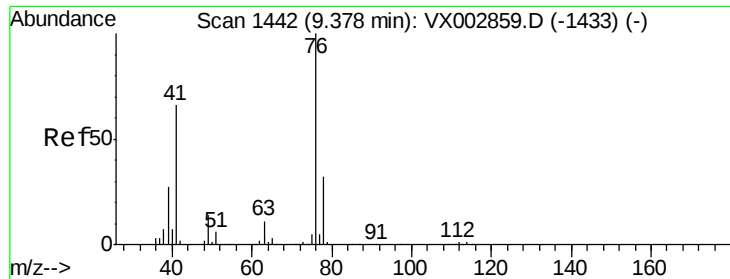


#56
 Ethyl methacrylate
 Concen: 54.61 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion: 69 Resp: 254801

Ion	Ratio	Lower	Upper
69	100		
41	71.6	60.3	90.5
39	38.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.28 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

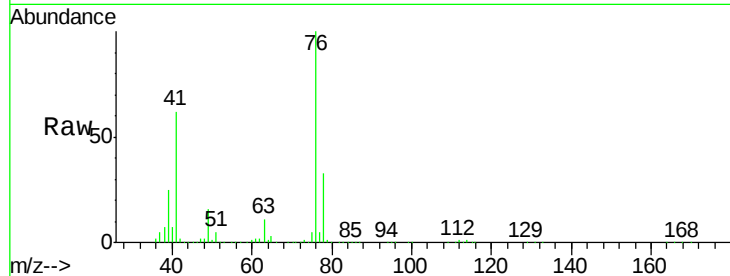
SP18-MMW-3414MS

Tot Ion: 76 Resp: 268874

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

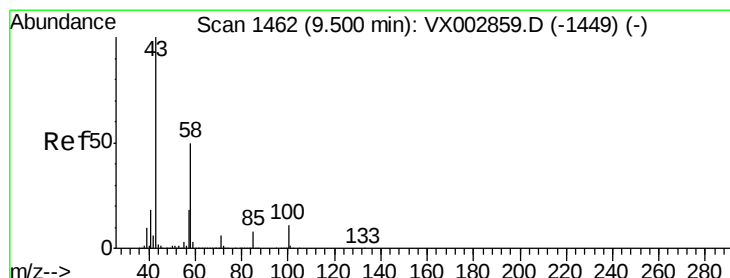
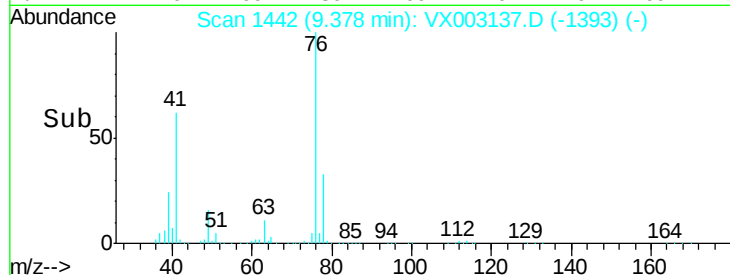
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 282.69 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003137.D

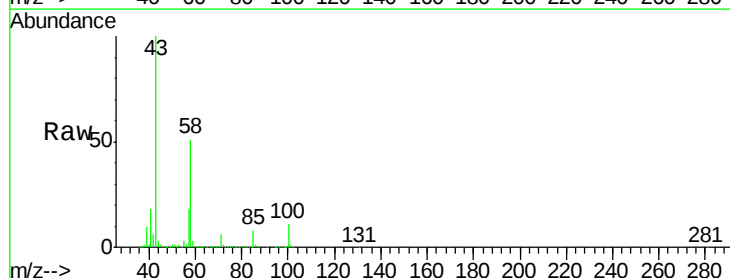
Acq: 02 Jul 2018 19:44

Tgt Ion: 43 Resp: 1013197

Ion Ratio Lower Upper

43 100

58 51.8 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

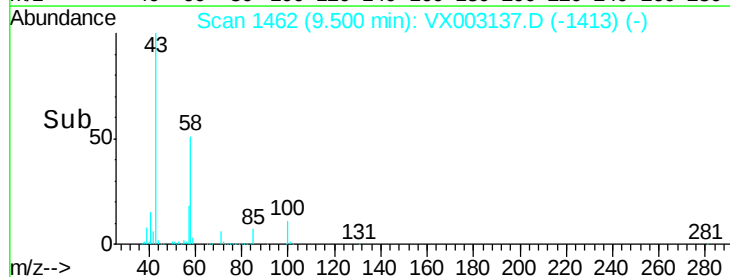
600000

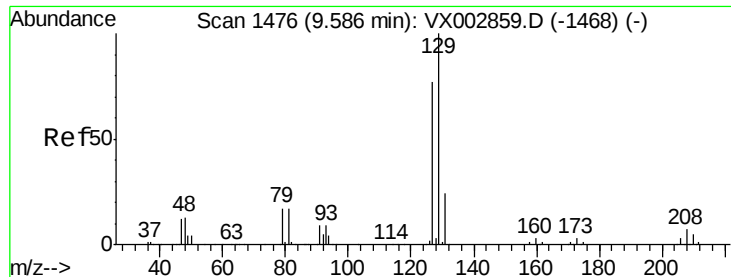
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 54.03 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

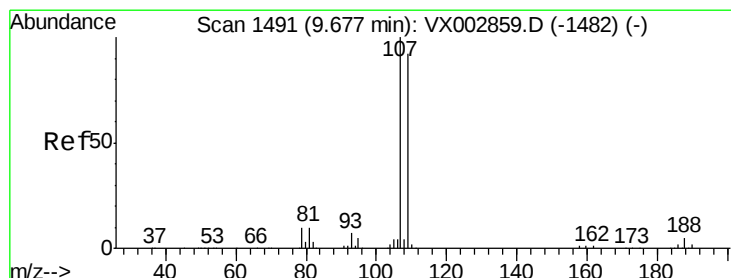
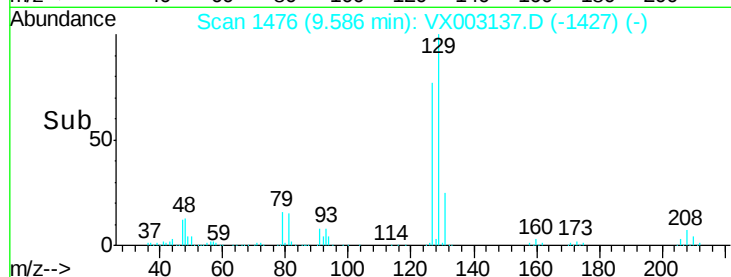
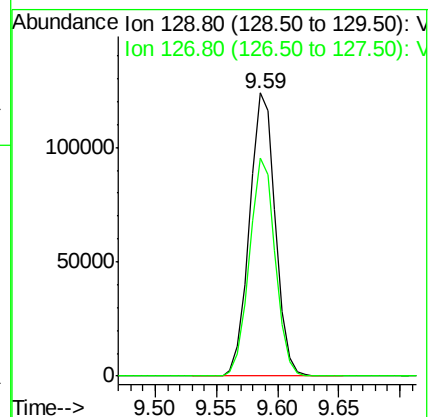
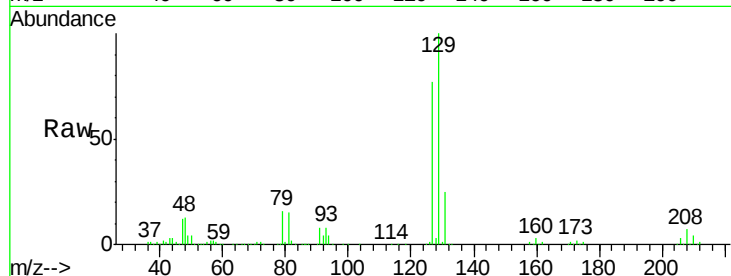
SP18-MMW-3414MS

Tot Ion:129 Resp: 181596

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3



#61

1,2-Dibromoethane

Concen: 53.59 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003137.D

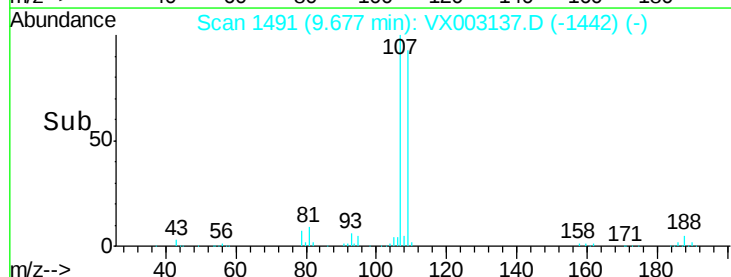
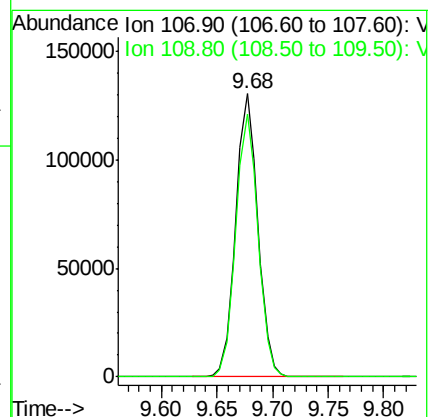
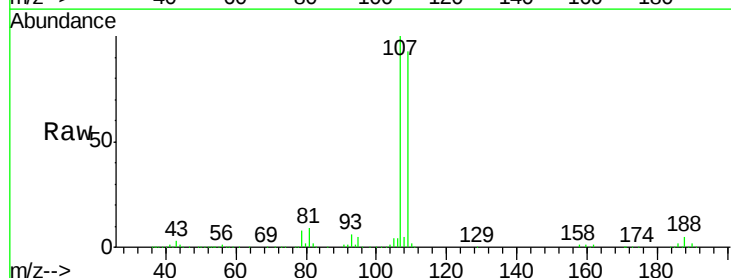
Acq: 02 Jul 2018 19:44

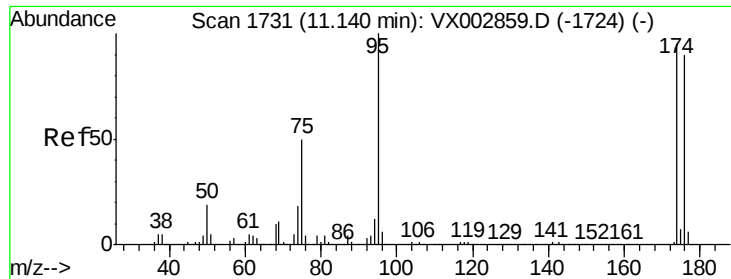
Tgt Ion:107 Resp: 179462

Ion Ratio Lower Upper

107 100

109 93.8 75.3 112.9

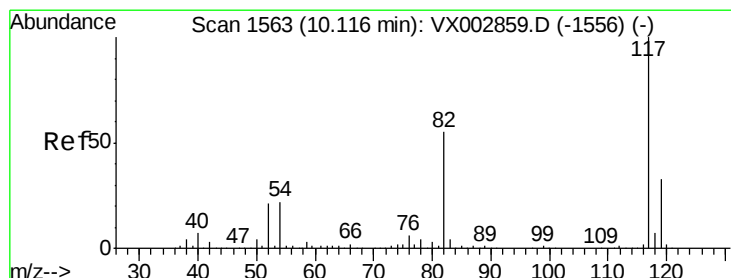
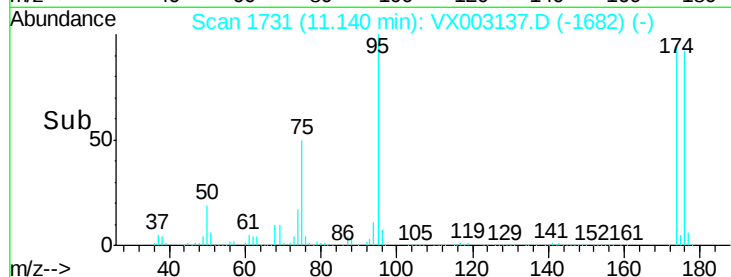
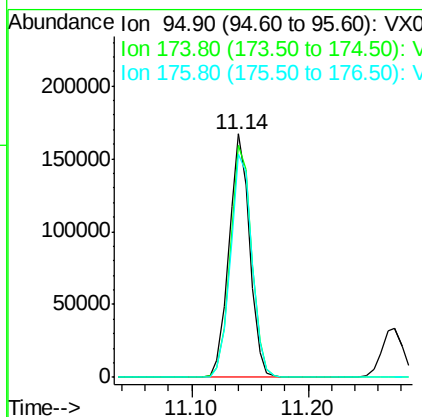
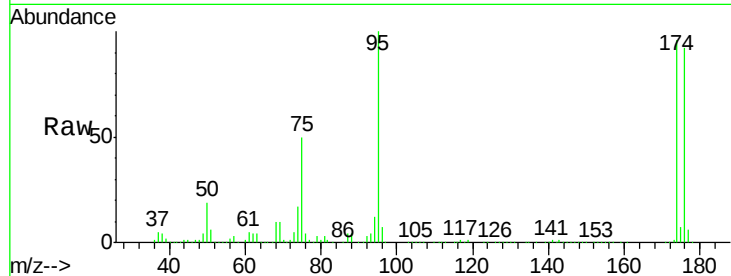




#62
4-Bromofluorobenzene
Concen: 48.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

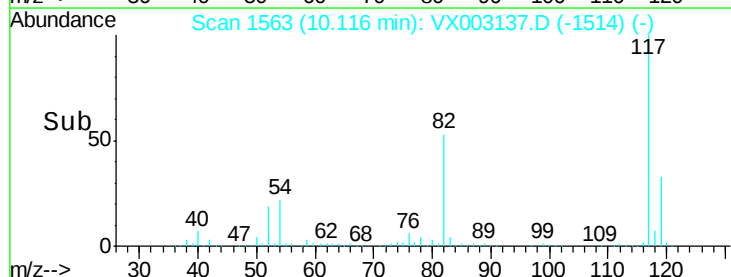
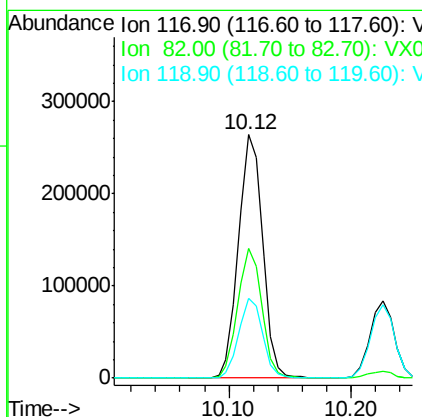
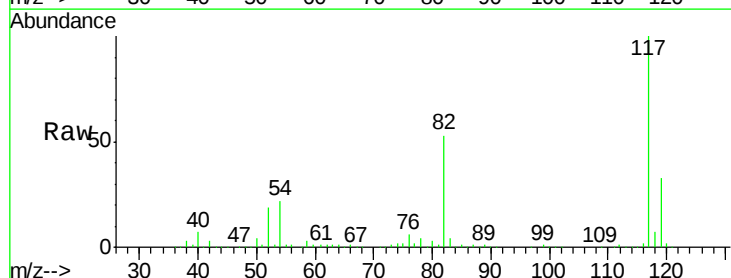
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

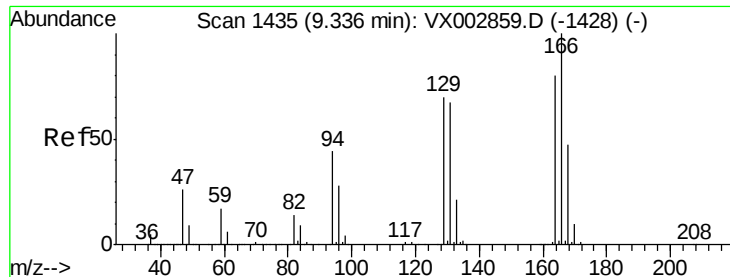
Tot Ion: 95 Resp: 205904
Ion Ratio Lower Upper
95 100
174 98.8 0.0 187.4
176 95.5 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 117 Resp: 361962
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.7 25.8 38.6

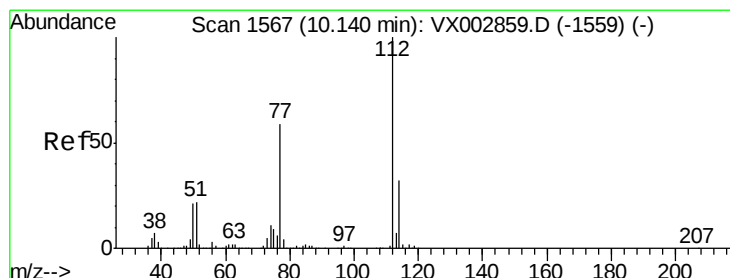
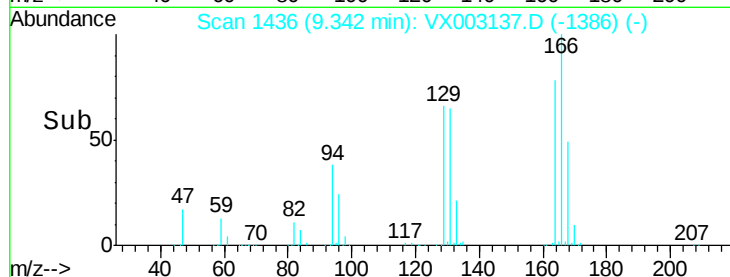
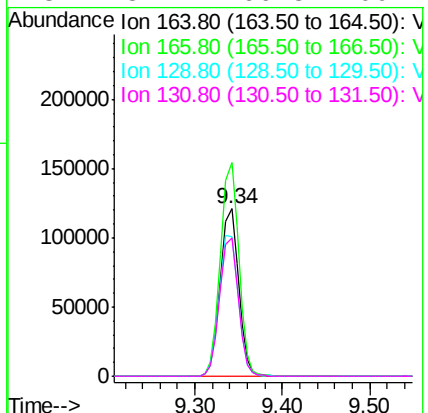
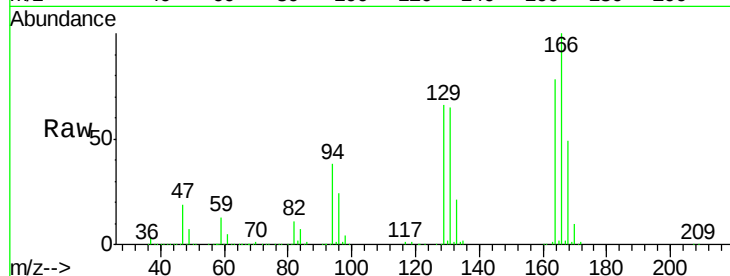




#64
Tetrachloroethene
Concen: 43.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

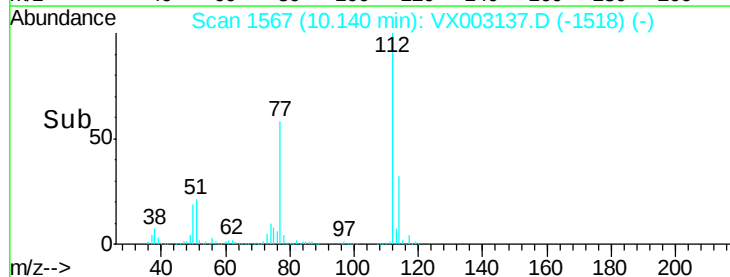
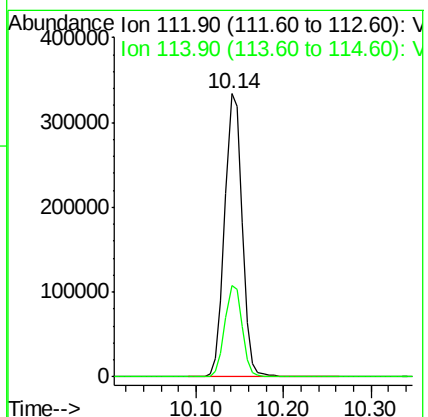
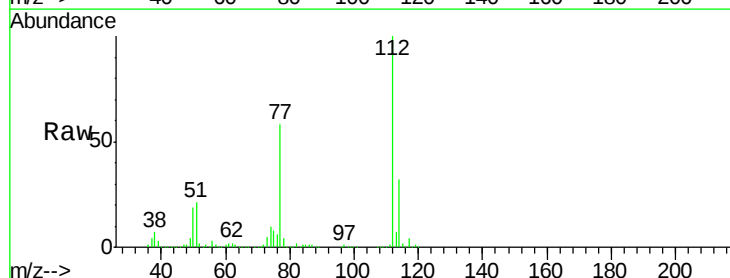
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

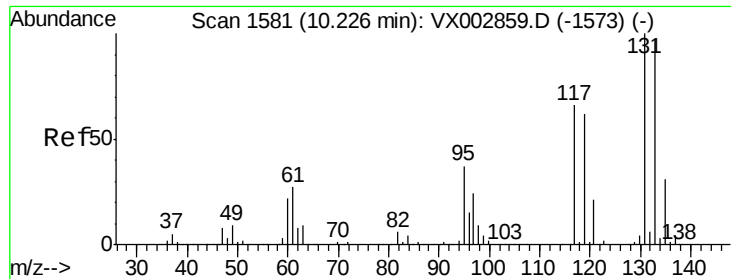
Tot Ion:164 Resp: 176442
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 83.5 68.6 102.8
131 82.7 66.8 100.2



#65
Chlorobenzene
Concen: 50.20 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion:112 Resp: 461493
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

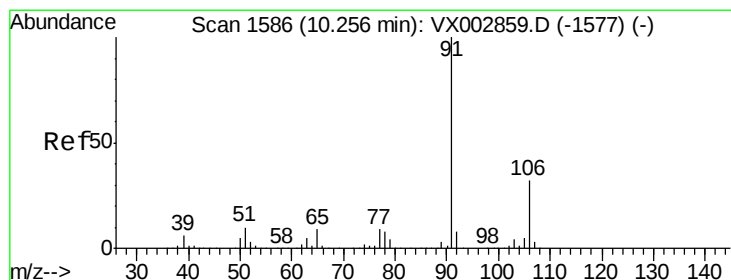
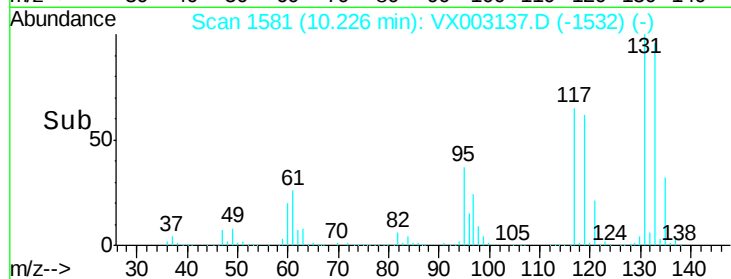
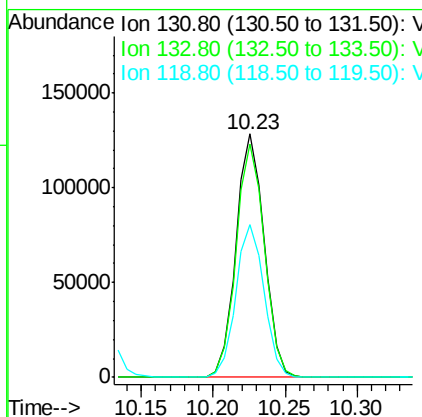
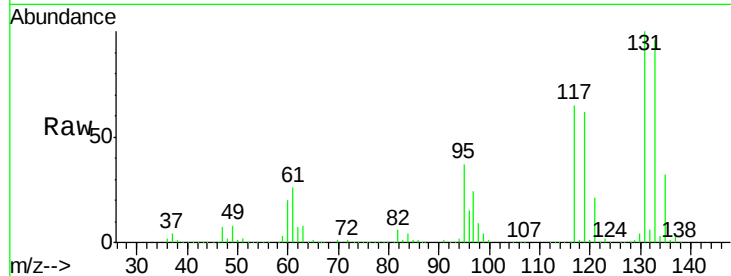




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.24 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

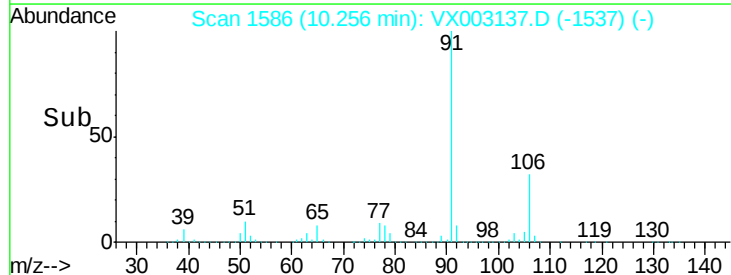
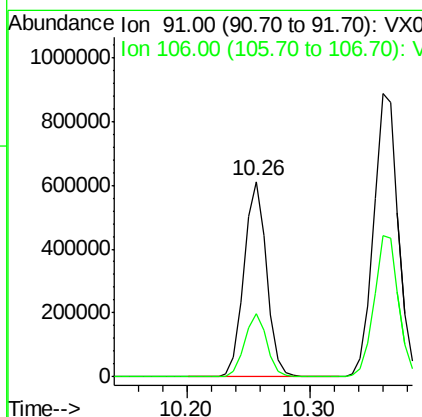
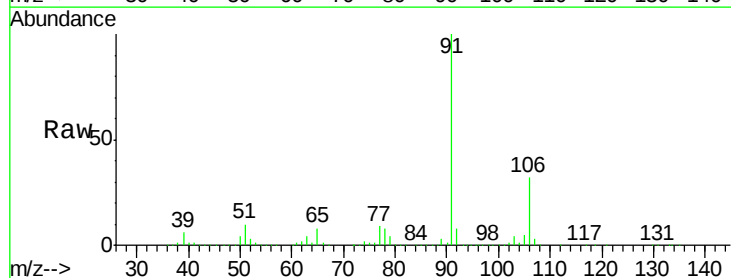
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

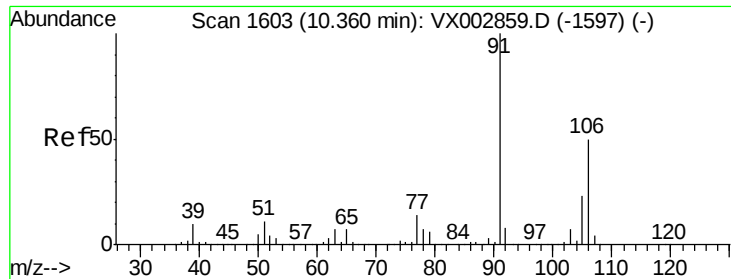
Tot Ion:131 Resp: 174457
 Ion Ratio Lower Upper
 131 100
 133 96.4 47.9 143.6
 119 63.4 31.8 95.3



#67
 Ethyl Benzene
 Concen: 51.58 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion: 91 Resp: 783430
 Ion Ratio Lower Upper
 91 100
 106 32.3 25.5 38.3

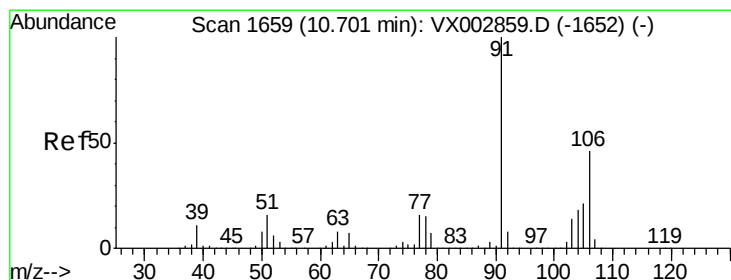
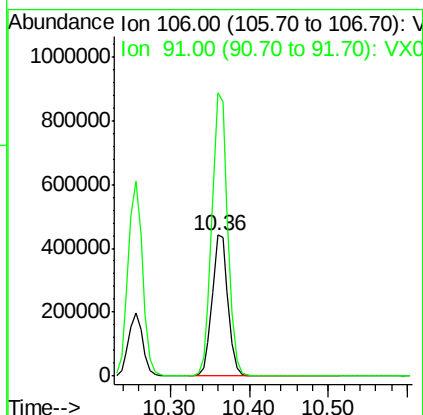
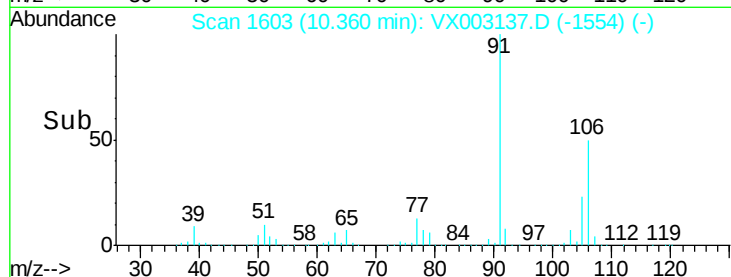
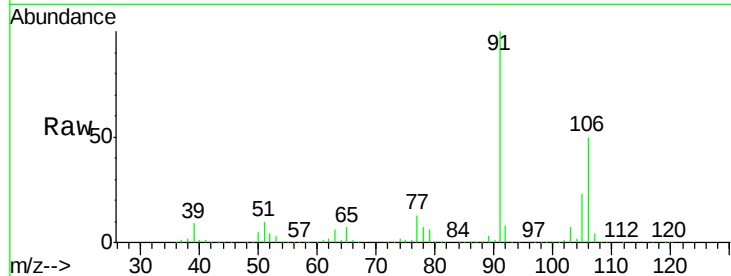




#68
m/p-Xylenes
Concen: 105.26 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

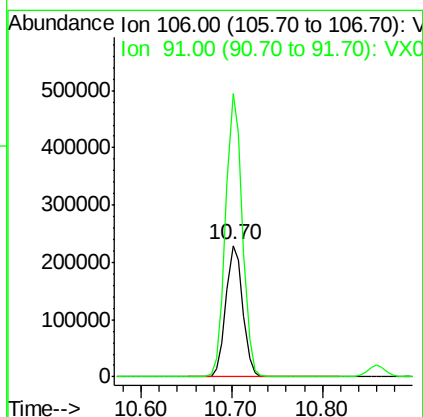
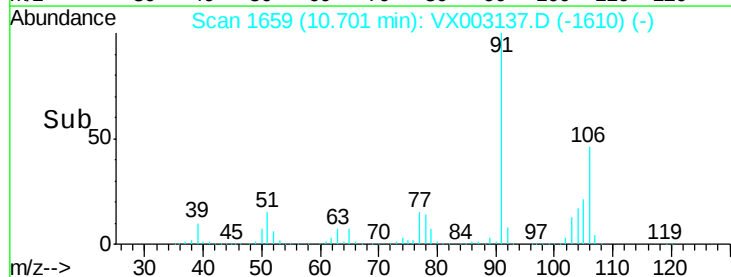
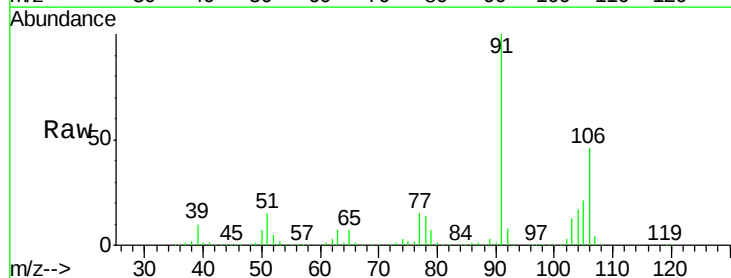
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

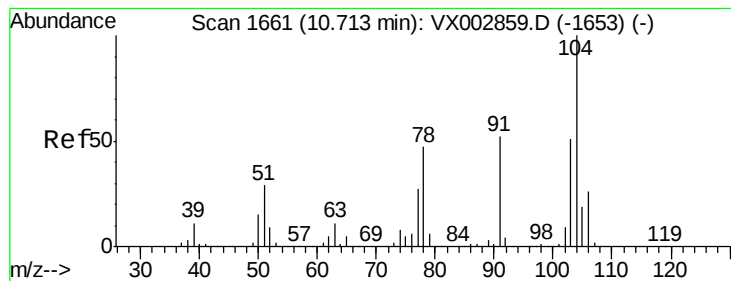
Tot Ion:106 Resp: 616088
Ion Ratio Lower Upper
106 100
91 200.7 163.4 245.2



#69
o-Xylene
Concen: 52.05 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion:106 Resp: 296649
Ion Ratio Lower Upper
106 100
91 213.4 108.2 324.6





#70

Stvrene

Concen: 54.15 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

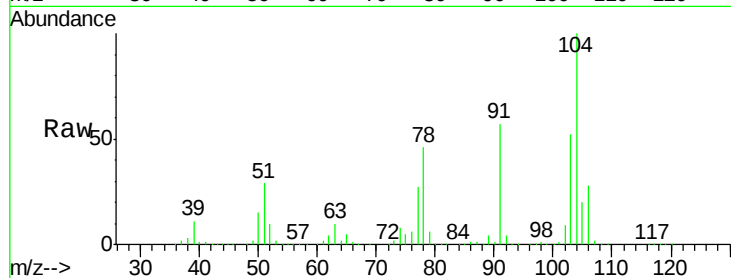
Tot Ion:104 Resp: 501462

Ion Ratio Lower Upper

104 100

78 49.3 41.0 61.6

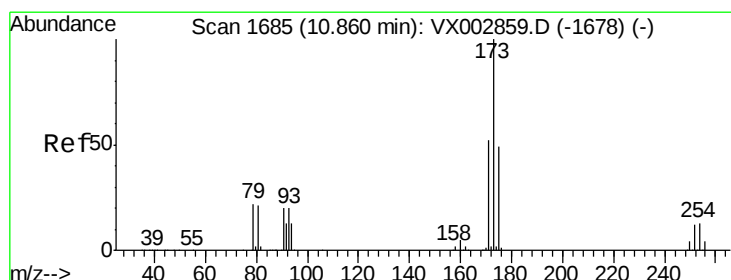
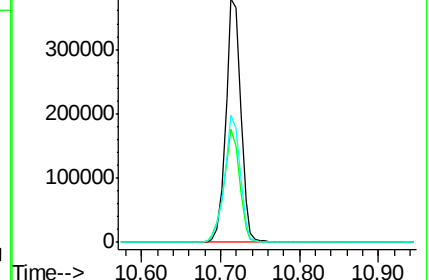
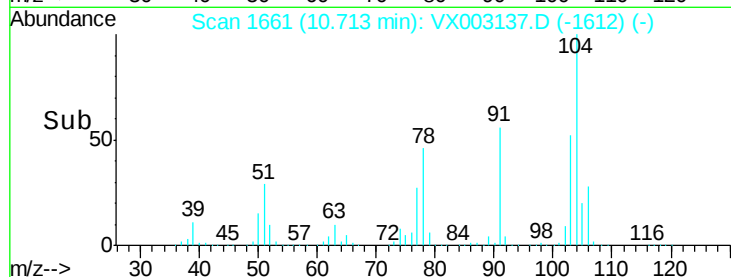
103 55.2 44.2 66.4



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: 49.11 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

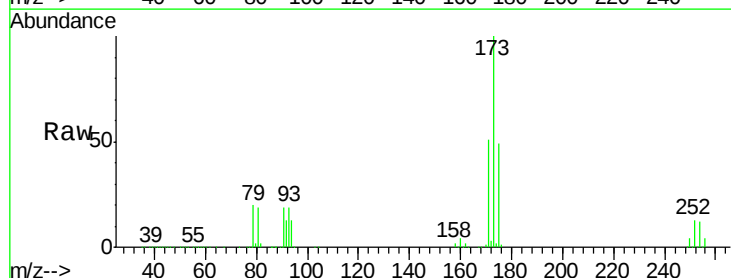
Tgt Ion:173 Resp: 147971

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

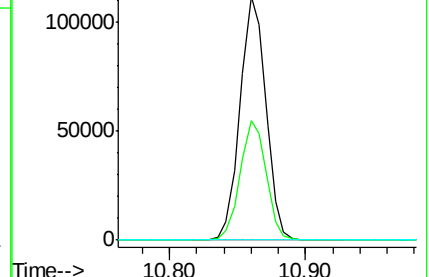
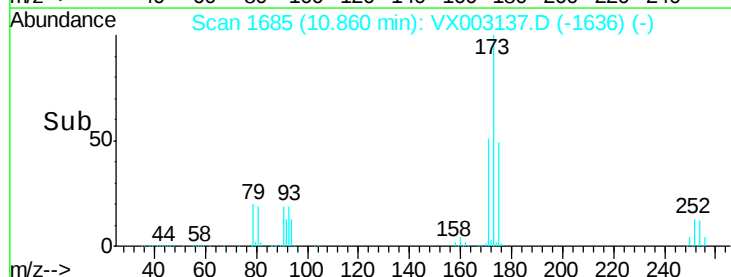
254 0.2 0.2 0.2

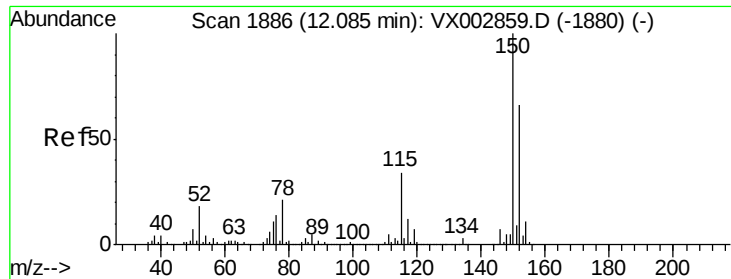


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

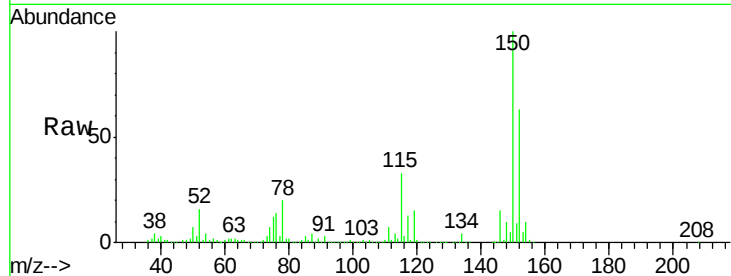
Tot Ion:152 Resp: 233722

Ion Ratio Lower Upper

152 100

115 77.5 40.1 120.2

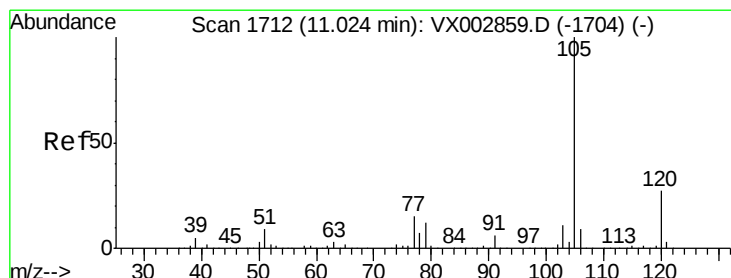
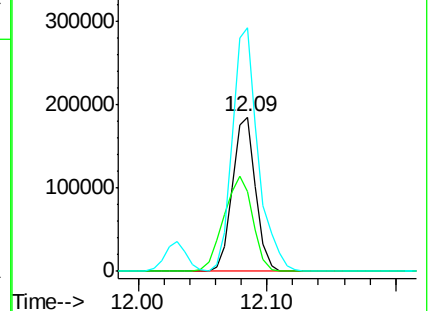
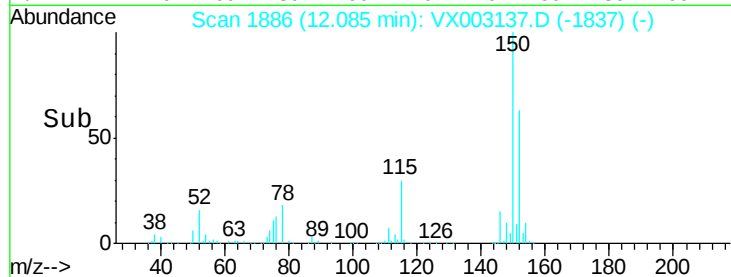
150 174.6 0.0 347.2



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: 50.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003137.D

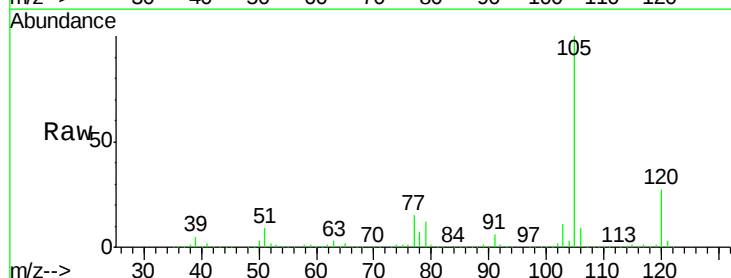
Acq: 02 Jul 2018 19:44

Tgt Ion:105 Resp: 800875

Ion Ratio Lower Upper

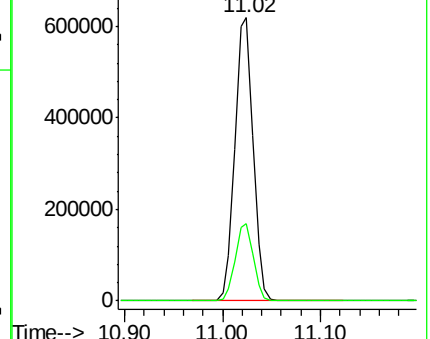
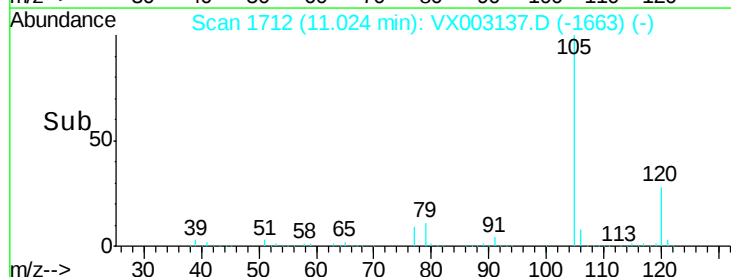
105 100

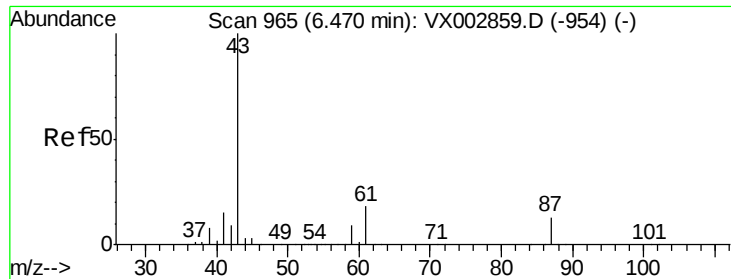
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.79 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

Tot Ion: 43 Resp: 383065

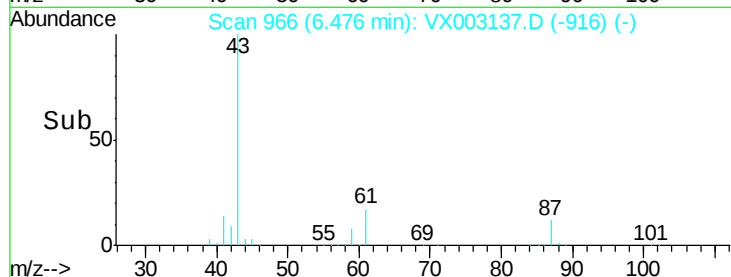
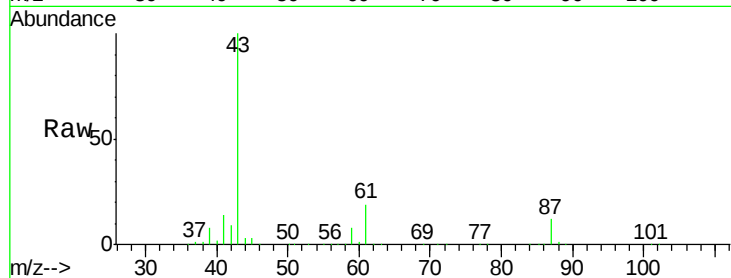
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.1 14.4 21.6

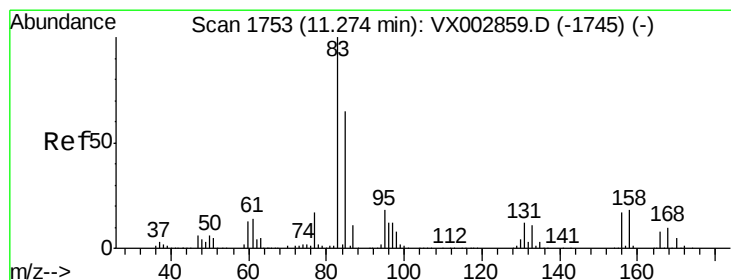
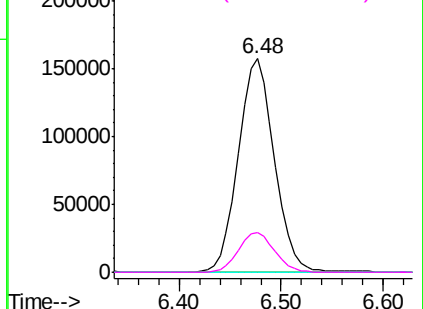


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.90 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

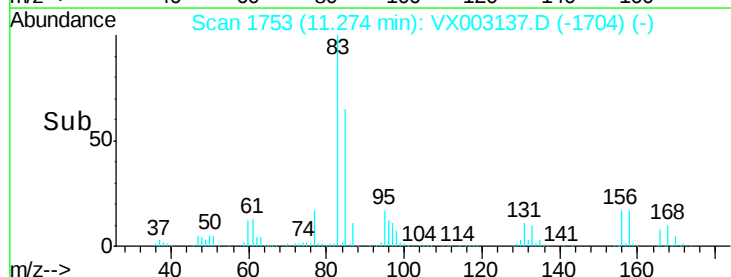
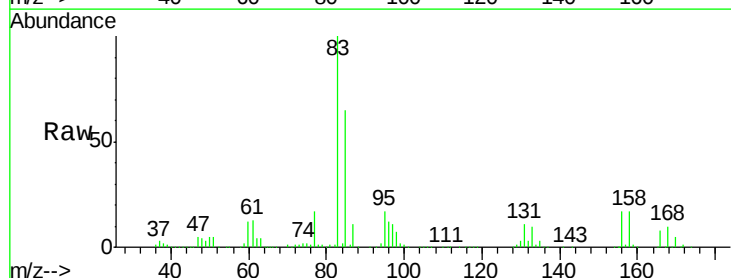
Tgt Ion: 83 Resp: 256213

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

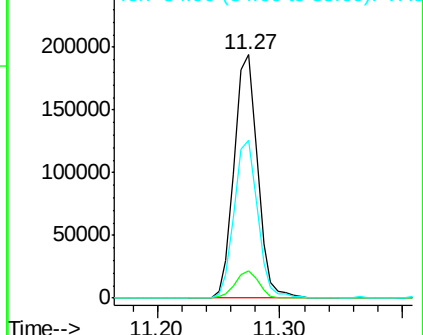
85 65.2 32.4 97.2

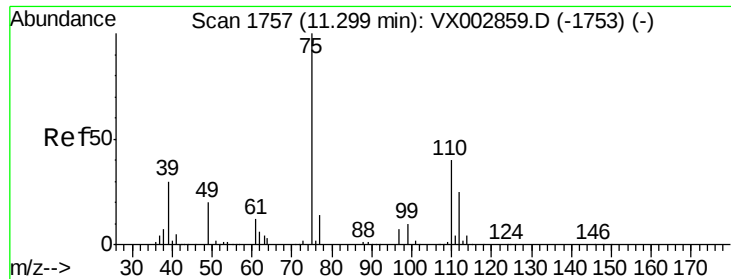


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

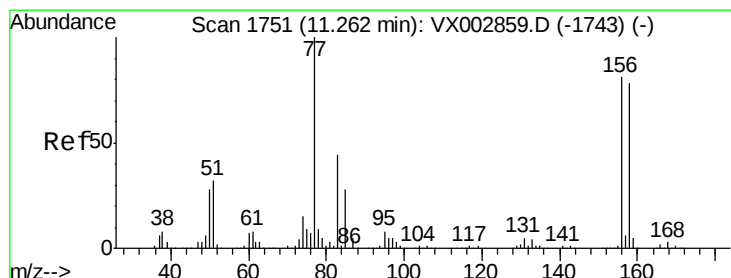
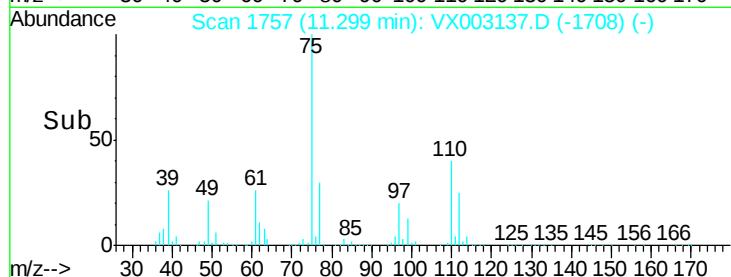
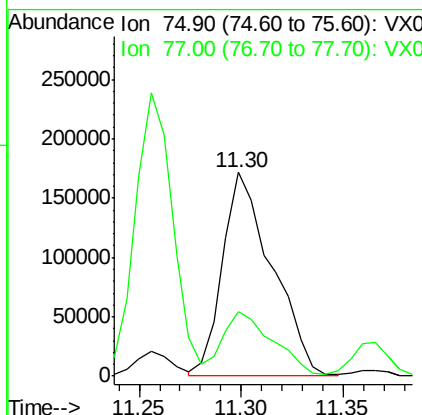
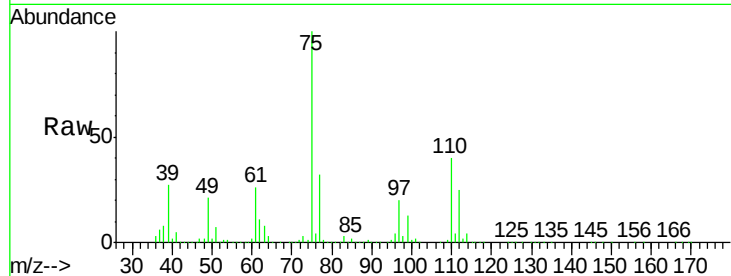




#76
 1,2,3-Trichloropropane
 Concen: 68.35 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

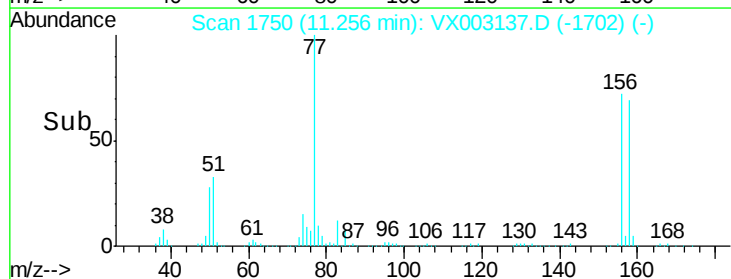
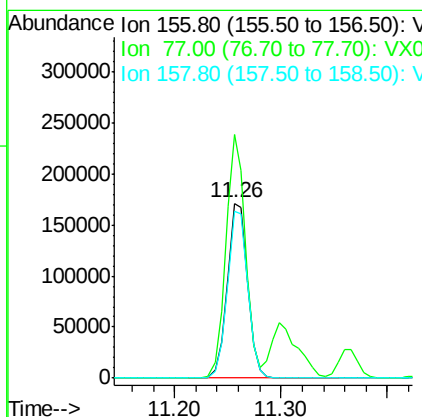
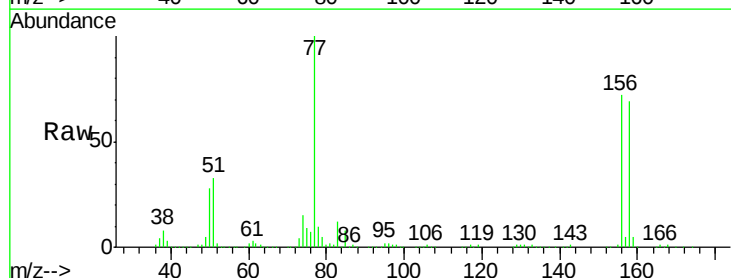
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

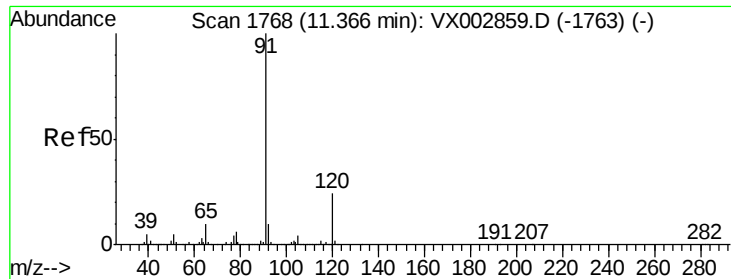
Tot Ion: 75 Resp: 289365
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.8 68.3



#77
 Bromobenzene
 Concen: 51.04 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion: 156 Resp: 228518
 Ion Ratio Lower Upper
 156 100
 77 133.9 71.4 214.2
 158 96.7 48.9 146.6





#78

n-propylbenzene

Concen: 50.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

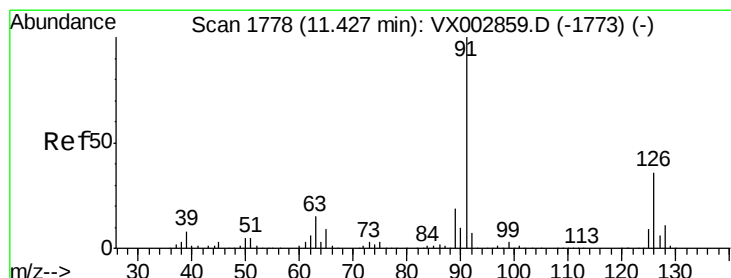
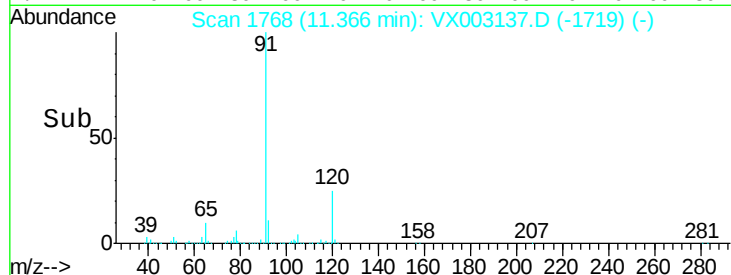
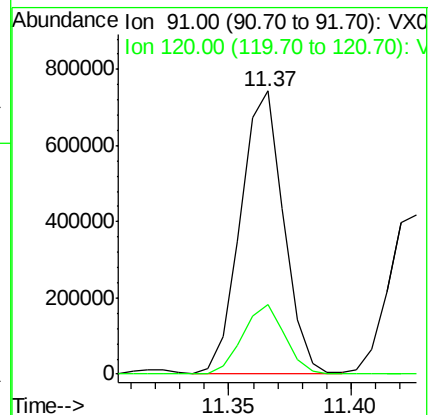
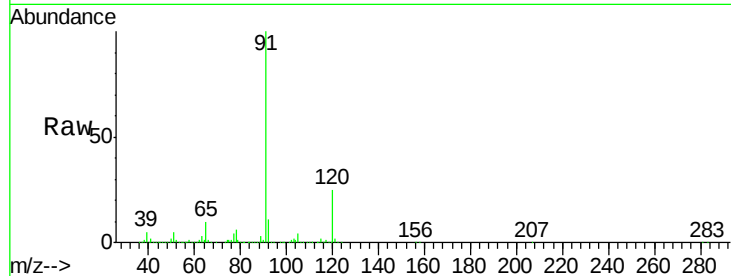
SP18-MMW-3414MS

Tot Ion: 91 Resp: 904073

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4



#79

2-Chlorotoluene

Concen: 49.84 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003137.D

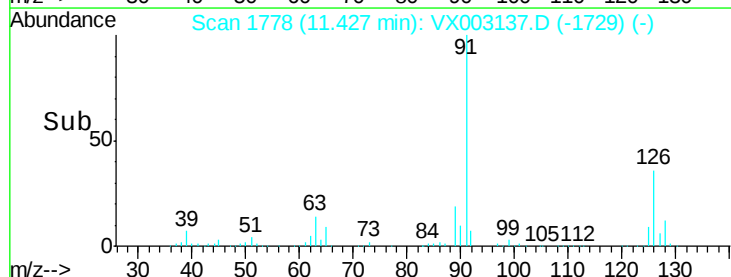
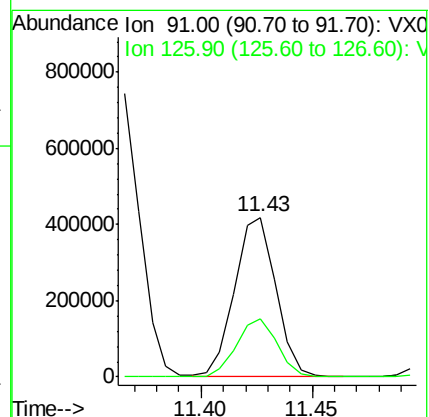
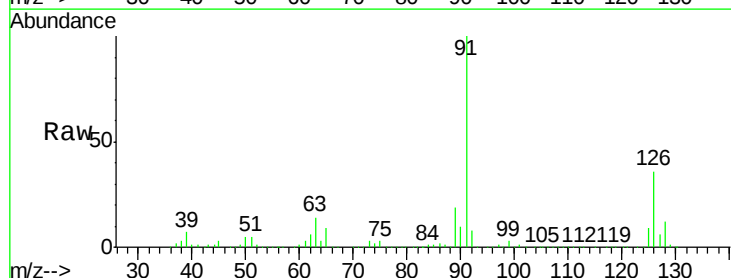
Acq: 02 Jul 2018 19:44

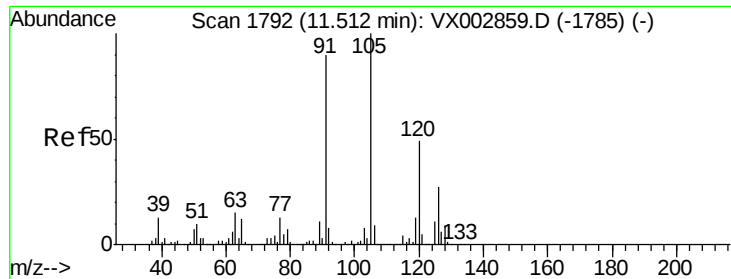
Tgt Ion: 91 Resp: 540032

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1

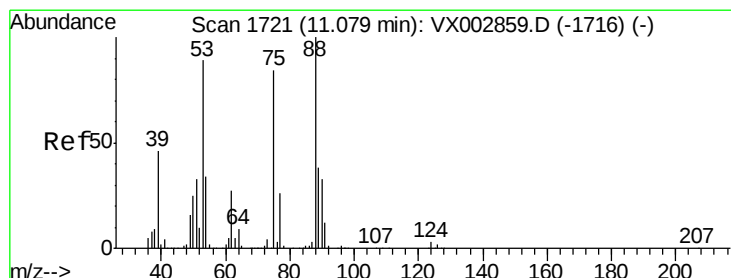
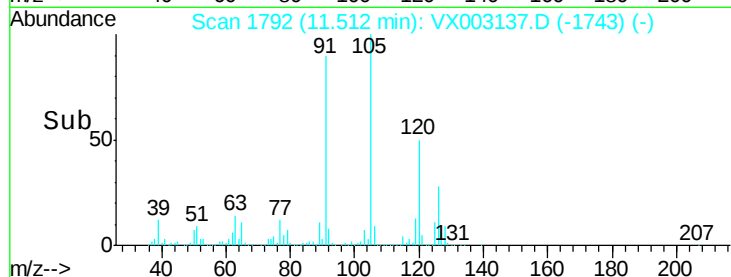
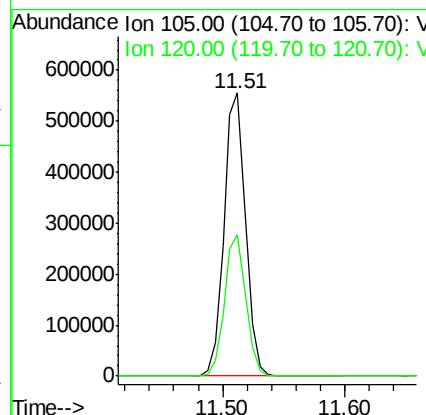
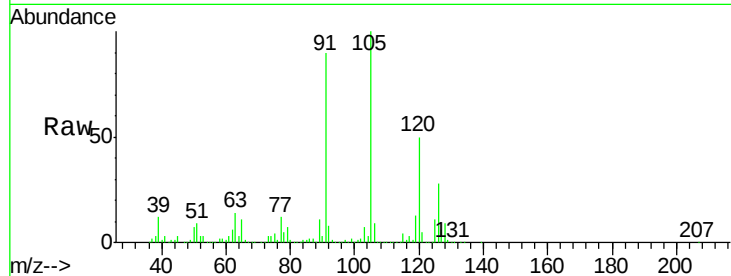




#80
 1,3,5-Trimethylbenzene
 Concen: 51.05 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

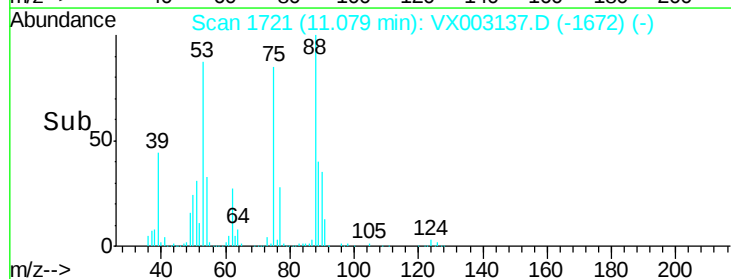
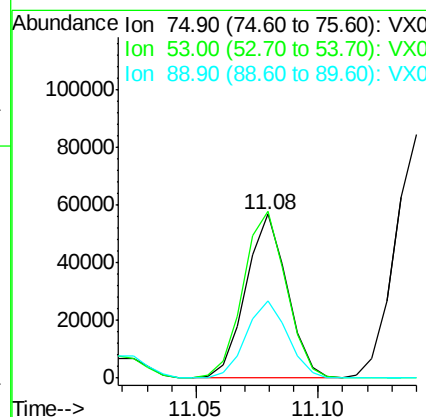
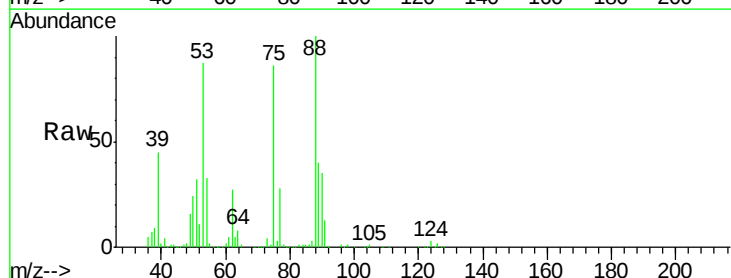
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

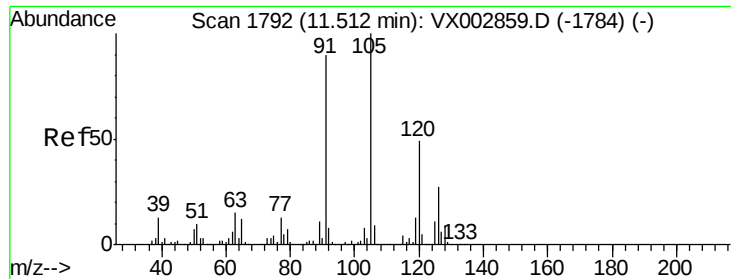
Tot Ion:105 Resp: 676040
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.78 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion: 75 Resp: 66353
 Ion Ratio Lower Upper
 75 100
 53 106.0 86.8 130.2
 89 47.6 38.2 57.2

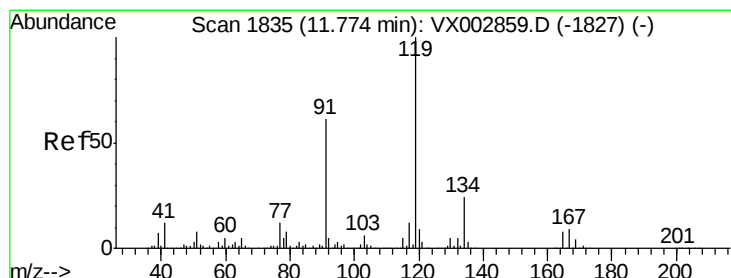
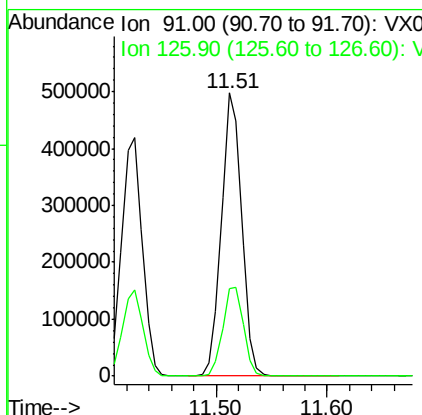
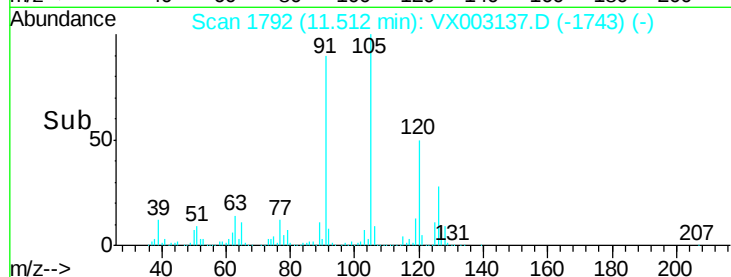
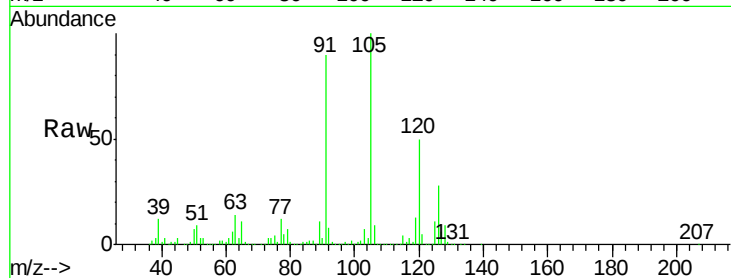




#82
4-Chlorotoluene
Concen: 49.00 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

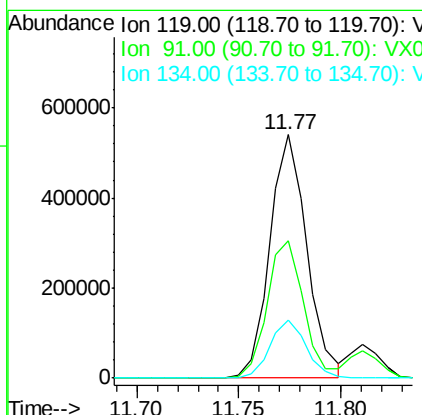
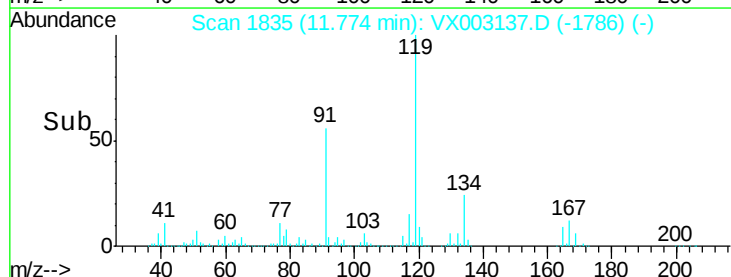
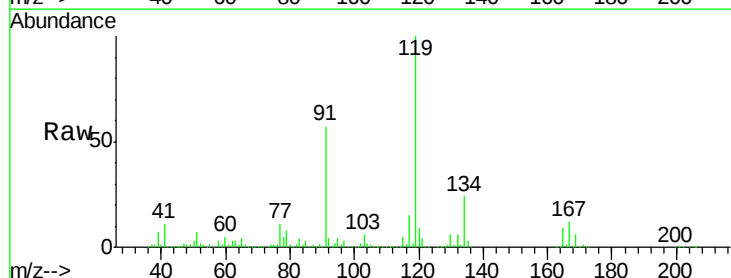
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

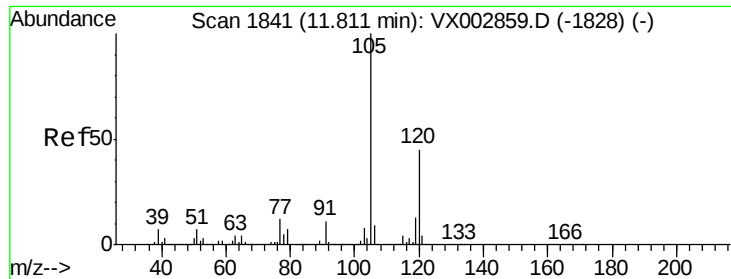
Tot Ion: 91 Resp: 628496
Ion Ratio Lower Upper
91 100
126 32.2 15.4 46.4



#83
tert-Butylbenzene
Concen: 52.30 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion: 119 Resp: 682639
Ion Ratio Lower Upper
119 100
91 56.2 30.3 90.9
134 23.4 11.7 35.1

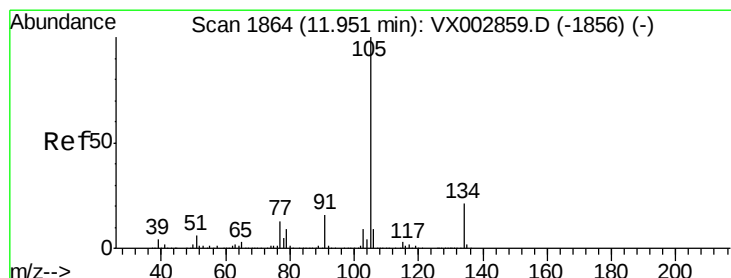
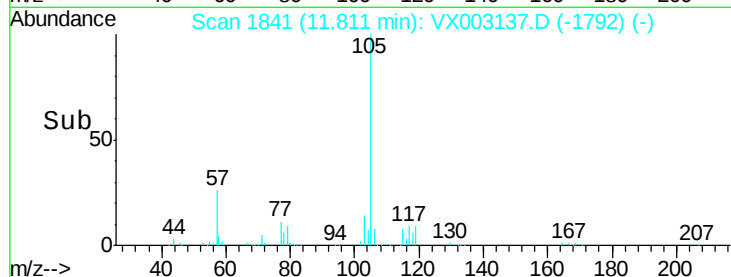
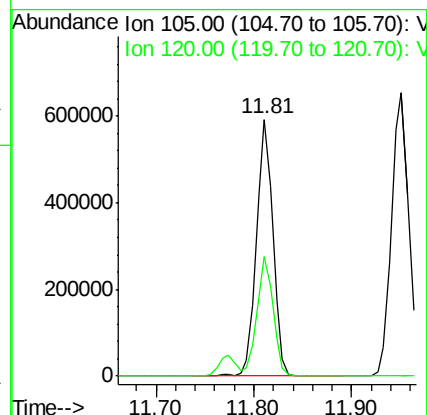
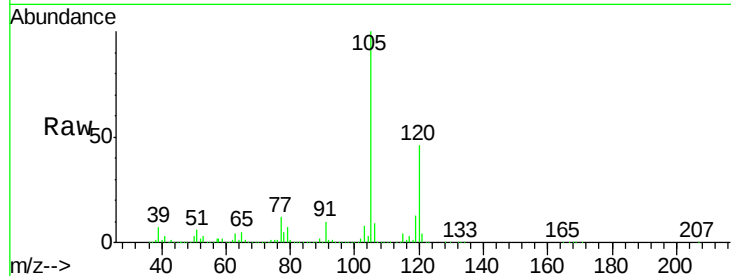




#84
 1,2,4-Trimethylbenzene
 Concen: 50.51 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

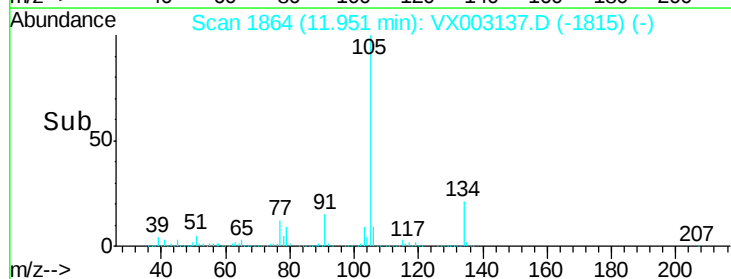
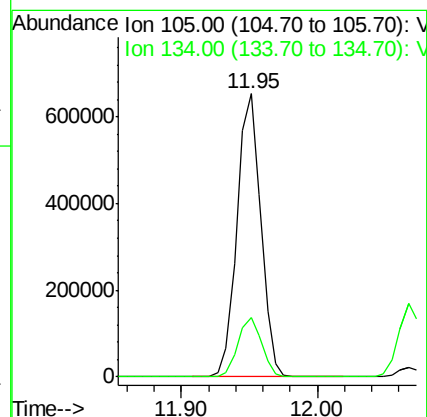
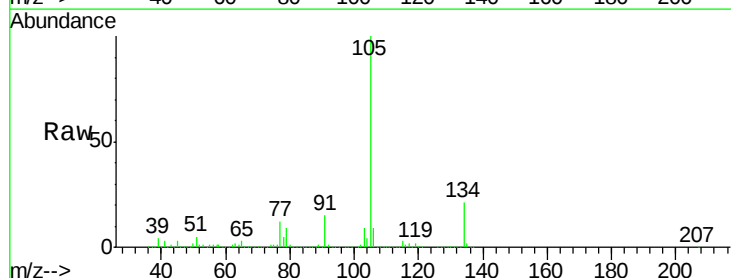
Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

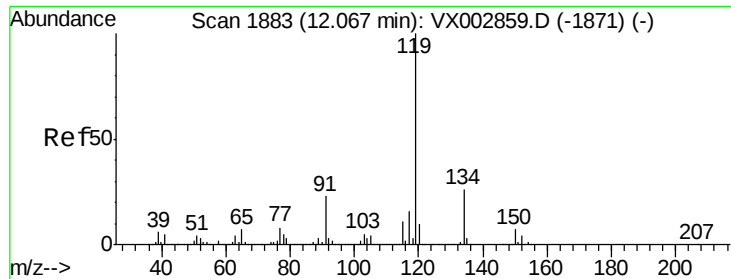
Tot Ion:105 Resp: 693036
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 50.11 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion:105 Resp: 793359
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

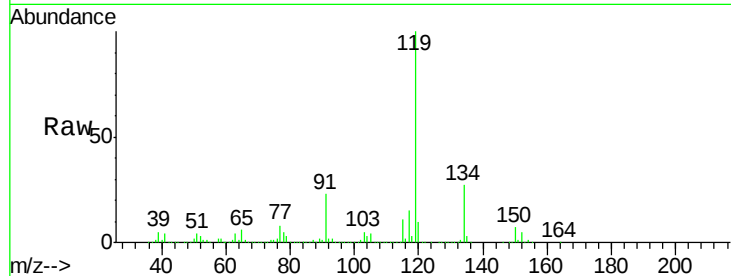




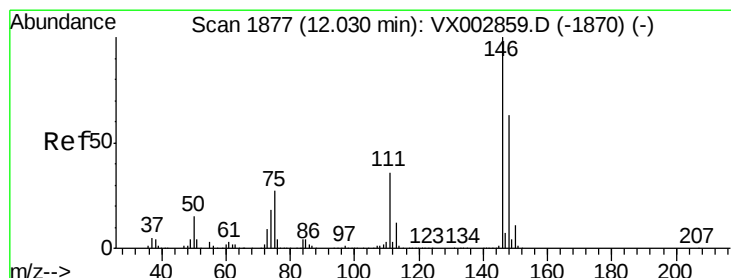
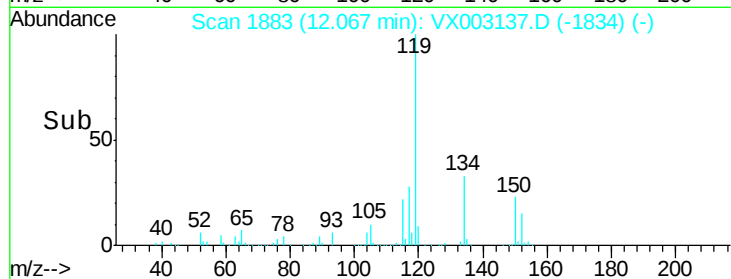
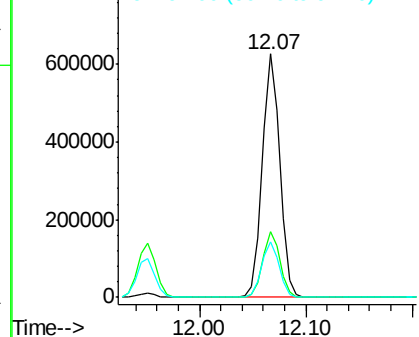
#86
 p-Isopropyltoluene
 Concen: 50.99 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.8	11.9	35.7

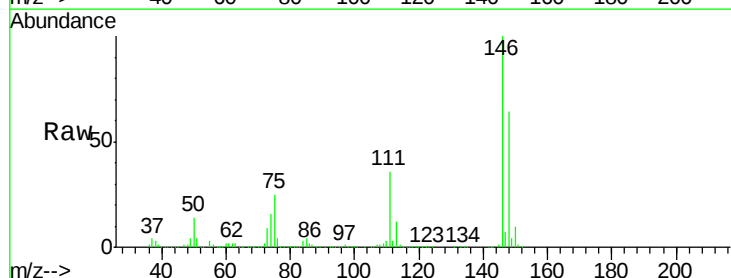


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

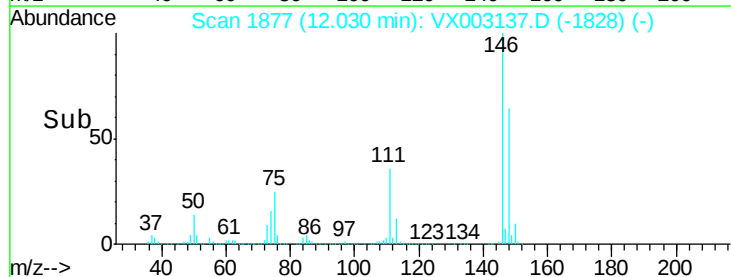
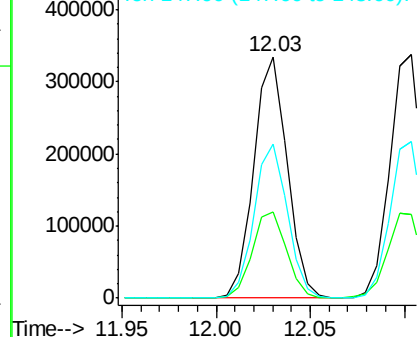


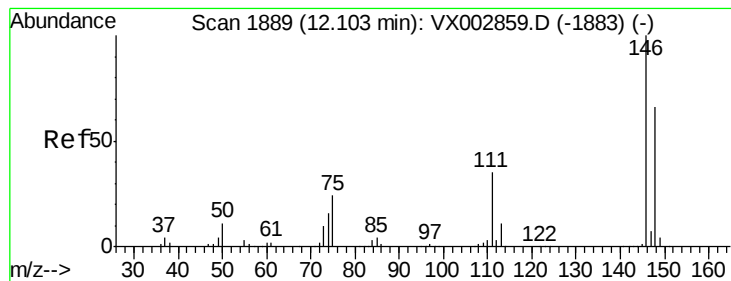
#87
 1,3-Dichlorobenzene
 Concen: 50.29 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	64.0	32.1	96.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 49.75 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

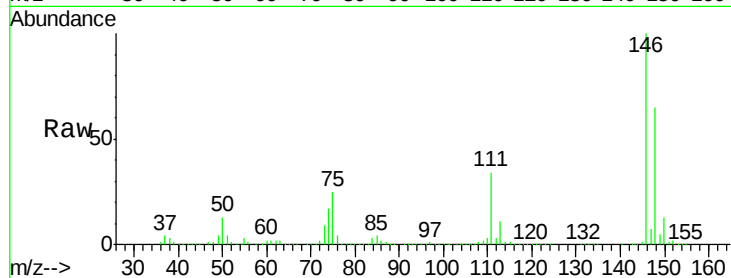
Tot Ion:146 Resp: 418714

Ion Ratio Lower Upper

146 100

111 36.1 18.7 56.1

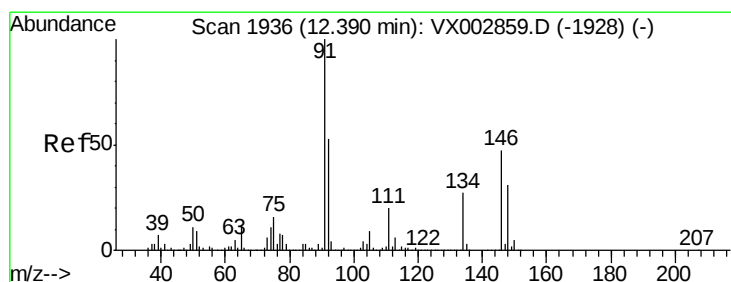
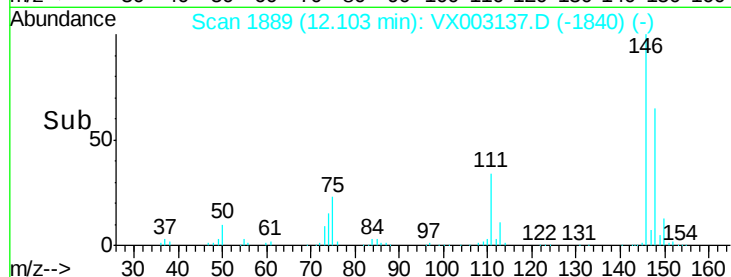
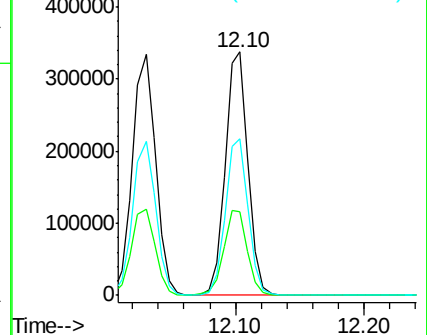
148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 47.82 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

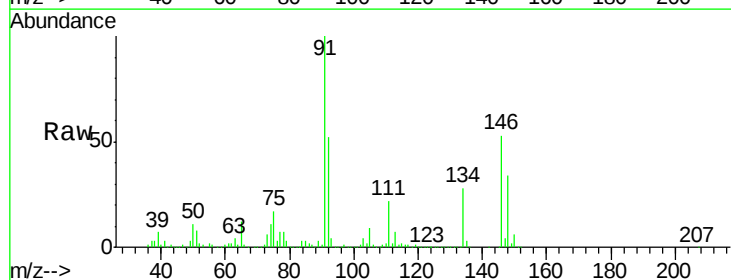
Tgt Ion: 91 Resp: 592514

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

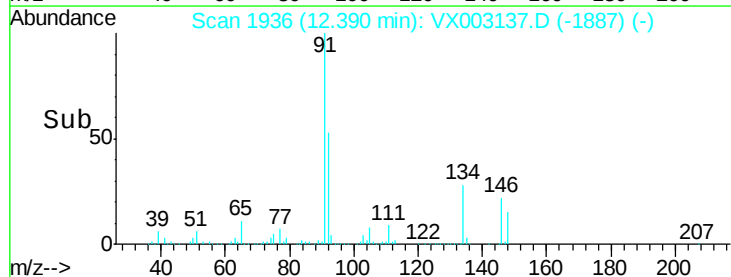
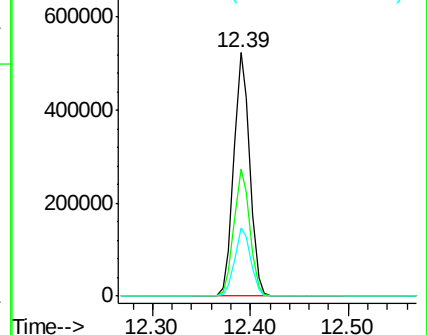
134 28.0 13.5 40.5

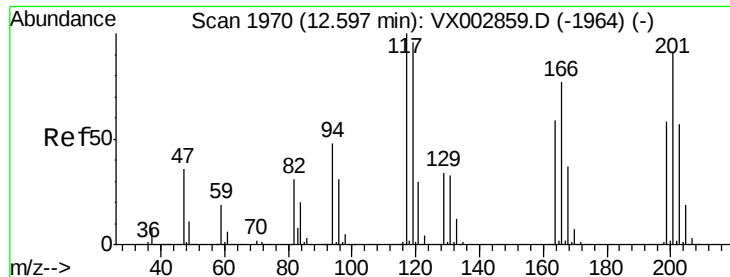


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 55.00 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

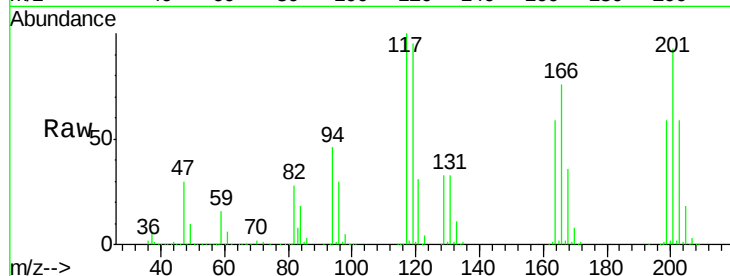
SP18-MMW-3414MS

Tot Ion:117 Resp: 116453

Ion Ratio Lower Upper

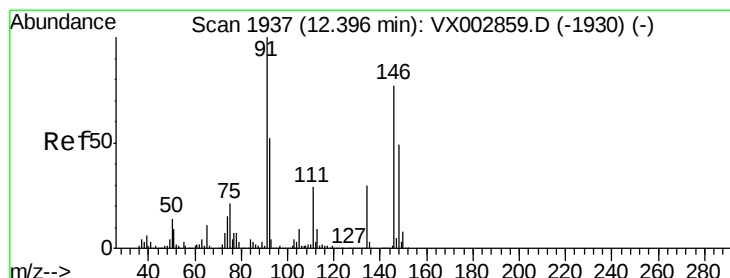
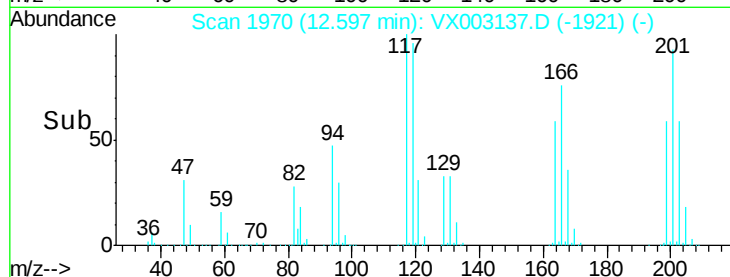
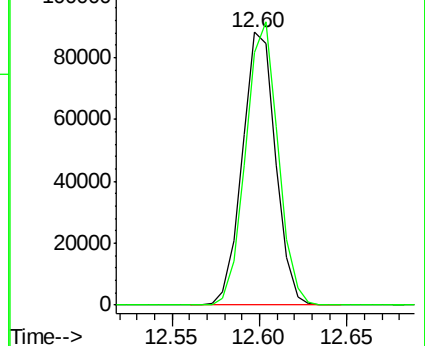
117 100

201 100.6 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.76 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

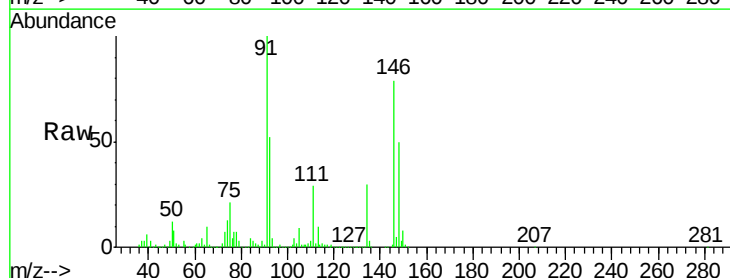
Tgt Ion:146 Resp: 410694

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

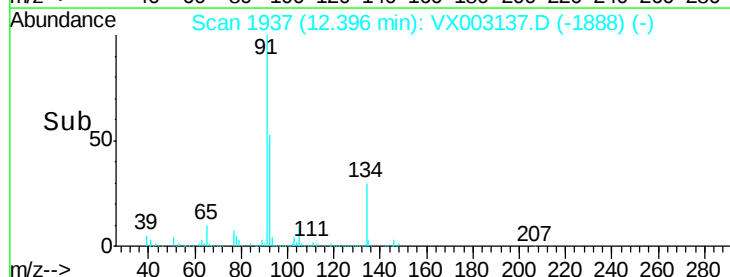
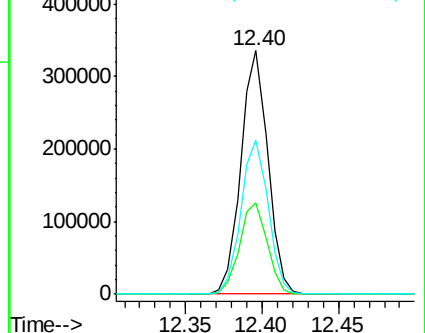
148 64.2 31.7 95.1

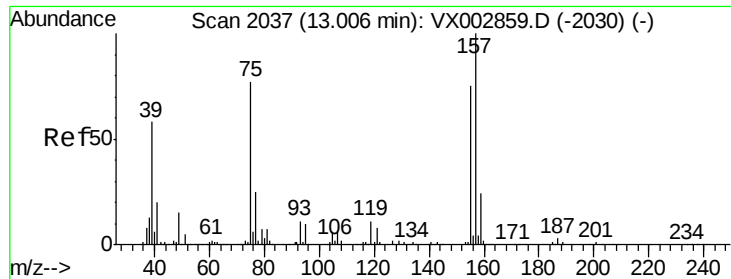


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.25 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Instrument :

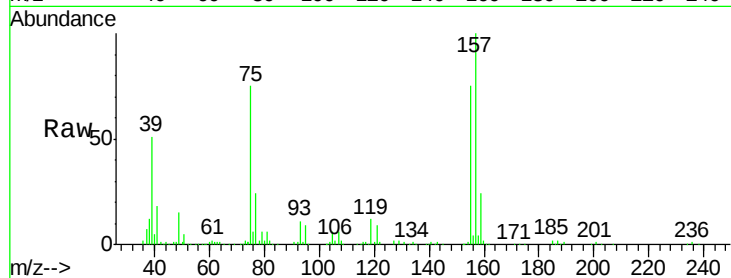
MSVOA_X

ClientSampleId :

SP18-MMW-3414MS

Tot Ion: 75 Resp: 61246

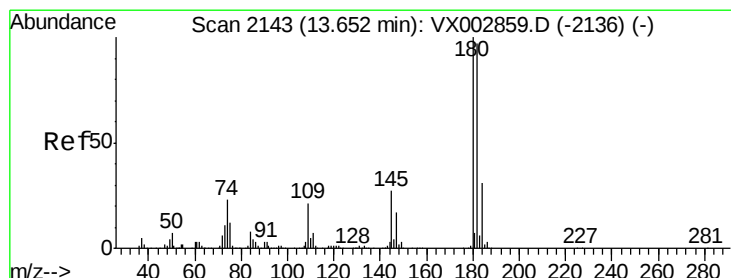
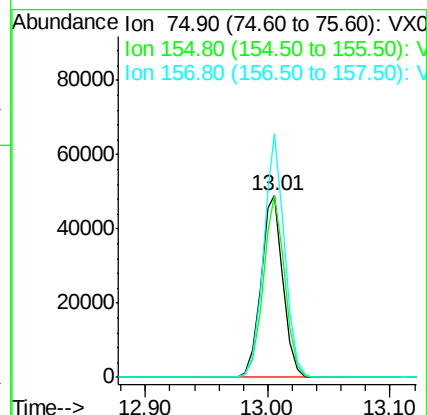
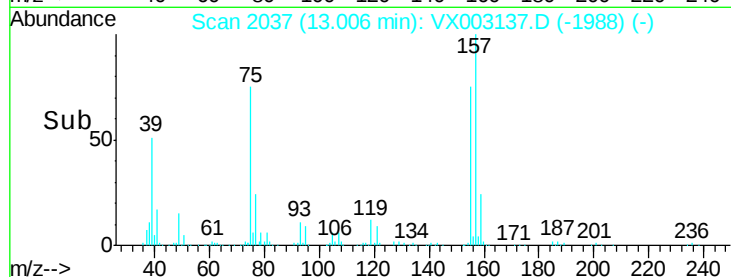
Ion	Ratio	Lower	Upper
75	100		
155	97.8	45.8	137.4
157	126.7	60.1	180.3



Abundance Ion 74.90 (74.60 to 75.60): VX003137.D (-1988) (-)

Ion 154.80 (154.50 to 155.50): VX003137.D (-1988) (-)

Ion 156.80 (156.50 to 157.50): VX003137.D (-1988) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.42 ug/l

RT: 13.65 min Scan# 2143

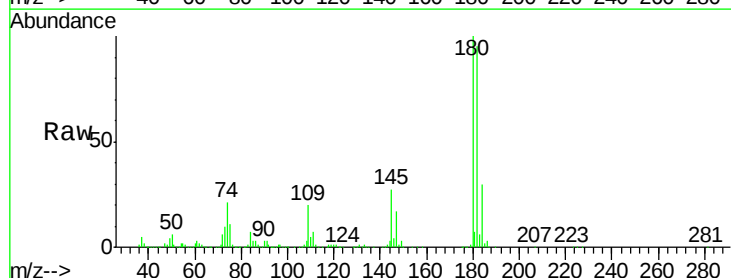
Delta R.T. -0.00 min

Lab File: VX003137.D

Acq: 02 Jul 2018 19:44

Tgt Ion: 180 Resp: 302900

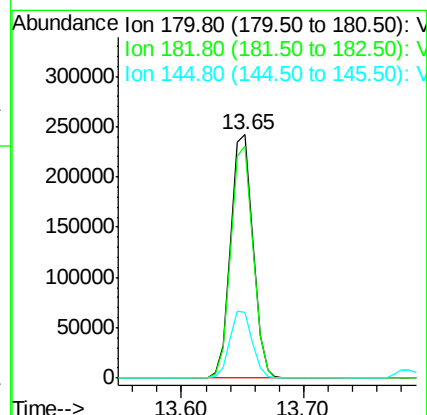
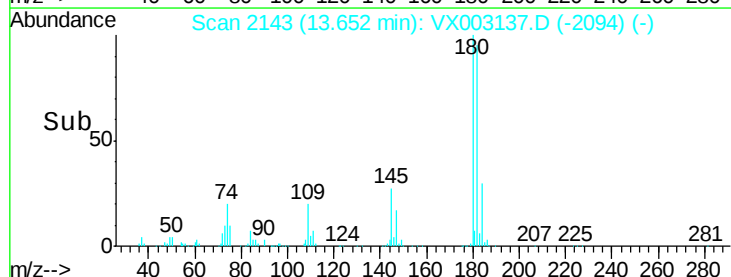
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	27.7	14.1	42.4

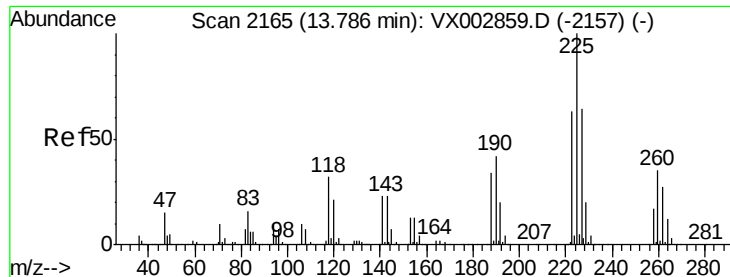


Abundance Ion 179.80 (179.50 to 180.50): VX003137.D (-2094) (-)

Ion 181.80 (181.50 to 182.50): VX003137.D (-2094) (-)

Ion 144.80 (144.50 to 145.50): VX003137.D (-2094) (-)

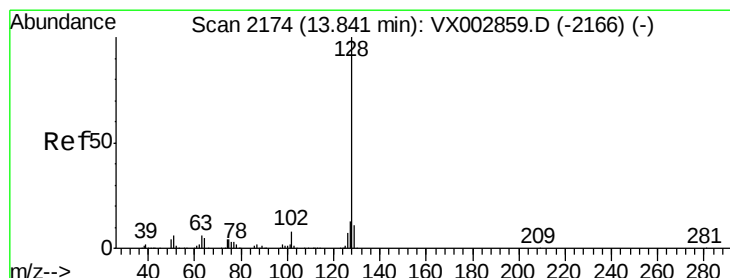
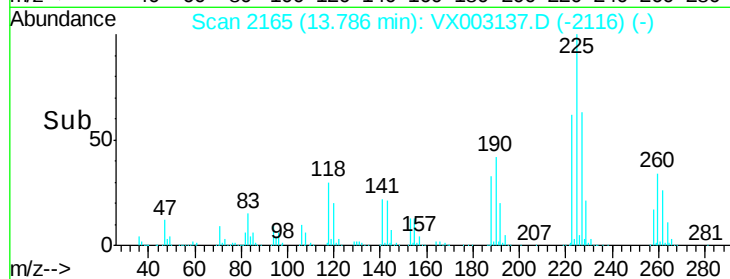
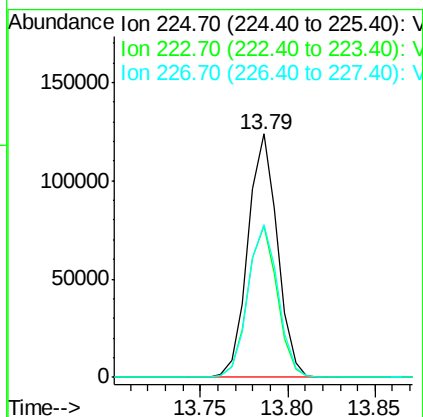
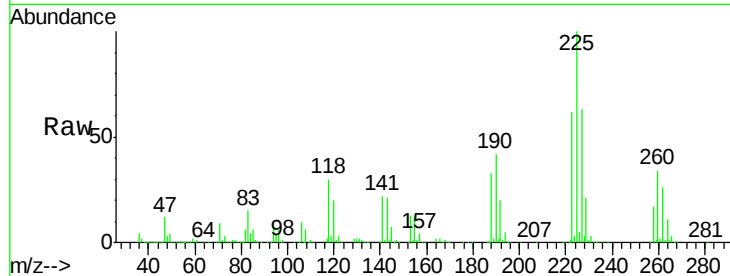




#94
Hexachlorobutadiene
Concen: 48.08 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

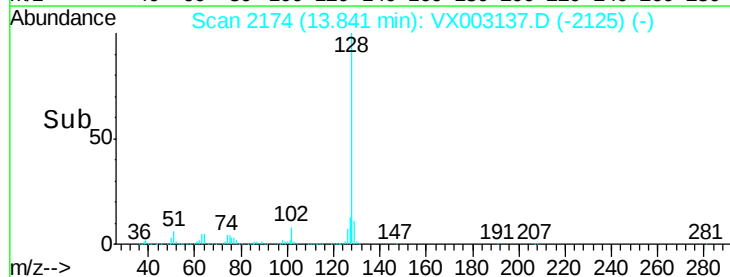
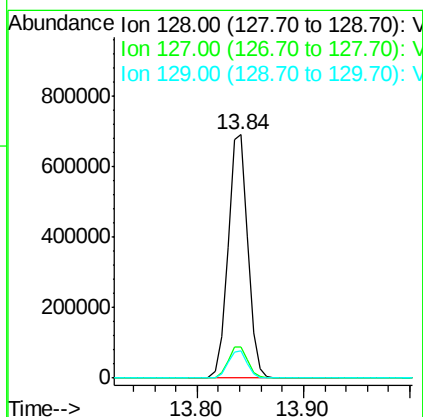
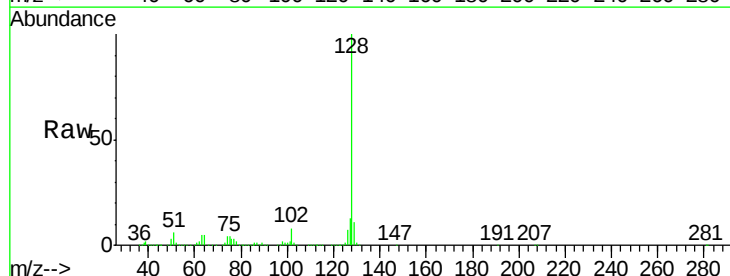
Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

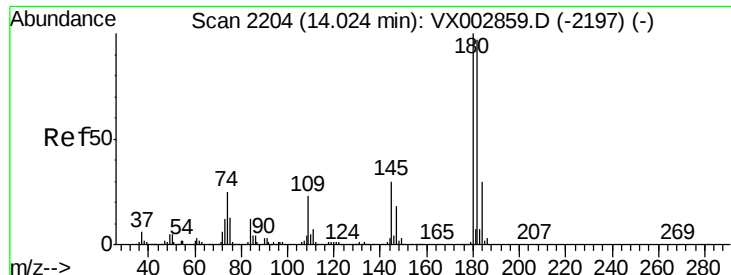
Tot Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	95.0
227	63.9	32.4	97.2



#95
Naphthalene
Concen: 55.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003137.D
Acq: 02 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 52.04 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003137.D
 Acq: 02 Jul 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	29.4	14.8	44.3

