

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003144.D
 Acq On : 03 Jul 2018 13:11
 Operator : JC/MD
 Sample : J3754-11MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 03:12:54 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	280963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235043	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	185477	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
35) Dibromofluoromethane	5.51	113	154818	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	8.72	98	550231	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	213067	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	139004	55.44	ug/l	99
3) Chloromethane	1.32	50	139919	53.81	ug/l	99
4) Vinyl Chloride	1.40	62	165051	51.94	ug/l	100
5) Bromomethane	1.64	94	55183	36.47	ug/l	100
6) Chloroethane	1.72	64	100184	53.91	ug/l	99
7) Trichlorofluoromethane	1.93	101	251632	46.95	ug/l	99
8) Diethyl Ether	2.19	74	94960	48.74	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145116	46.73	ug/l	97
10) Methyl Iodide	2.51	142	127028	41.54	ug/l	97
11) Tert butyl alcohol	3.08	59	197446	255.22	ug/l	98
12) 1,1-Dichloroethene	2.37	96	136232	49.17	ug/l	93
13) Acrolein	2.29	56	54925	130.13	ug/l	97
14) Allyl chloride	2.73	41	235841	43.18	ug/l	95
15) Acrylonitrile	3.15	53	408423	247.17	ug/l	100
16) Acetone	2.45	43	373549	232.27	ug/l	96
17) Carbon Disulfide	2.57	76	384146	52.03	ug/l	99
18) Methyl Acetate	2.78	43	143783	31.98	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	472317	47.41	ug/l	100
20) Methylene Chloride	2.86	84	150399	48.06	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	148312	49.14	ug/l	92
22) Diisopropyl ether	3.88	45	489973	46.93	ug/l	96
23) Vinyl Acetate	3.83	43	1599858	180.96	ug/l	98
24) 1,1-Dichloroethane	3.70	63	270705	47.70	ug/l	100
25) 2-Butanone	4.72	43	599122	251.01	ug/l	97
26) 2,2-Dichloropropane	4.59	77	73676	15.97	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	170108	50.27	ug/l	85
28) Bromochloromethane	5.03	49	125719	46.28	ug/l	91
29) Tetrahydrofuran	5.17	42	387491	253.16	ug/l	95
30) Chloroform	5.22	83	290316	49.85	ug/l	95
31) Cyclohexane	5.57	56	309423	63.53	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	258046	50.36	ug/l	98
36) 1,1-Dichloropropene	5.80	75	216053	50.21	ug/l	98
37) Ethyl Acetate	4.87	43	181394	39.15	ug/l	99
38) Carbon Tetrachloride	5.78	117	236383	50.06	ug/l	99

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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	313763	62.60	ug/l	96
40) Benzene	6.15	78	8357597	668.51	ug/l	99
41) Methacrylonitrile	5.07	41	133011	49.86	ug/l	97
42) 1,2-Dichloroethane	6.20	62	227561	45.06	ug/l	97
43) Isopropyl Acetate	6.48	43	326135	41.98	ug/l	98
44) Trichloroethene	7.21	130	188758	50.64	ug/l	100
45) 1,2-Dichloropropane	7.52	63	160177	48.30	ug/l	100
46) Dibromomethane	7.67	93	113524	49.33	ug/l	95
47) Bromodichloromethane	7.90	83	215098	50.56	ug/l	99
48) Methyl methacrylate	7.79	41	197693	49.38	ug/l	94
49) 1,4-Dioxane	7.76	88	70862	909.78	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1216842	250.32	ug/l	97
52) Toluene	8.79	92	410863	51.30	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	214868	44.59	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	205456	44.31	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	167064	50.76	ug/l	97
56) Ethyl methacrylate	9.19	69	249895	51.96	ug/l	94
57) 1,3-Dichloropropane	9.38	76	270979	50.13	ug/l	100
59) 2-Hexanone	9.50	43	951628	257.58	ug/l	96
60) Dibromochloromethane	9.59	129	182540	52.69	ug/l	100
61) 1,2-Dibromoethane	9.68	107	177922	51.54	ug/l	100
64) Tetrachloroethene	9.34	164	203923	49.22	ug/l	99
65) Chlorobenzene	10.14	112	477394	50.44	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	176055	51.21	ug/l	100
67) Ethyl Benzene	10.26	91	938401	60.02	ug/l	100
68) m/p-Xylenes	10.37	106	727521	120.75	ug/l	97
69) o-Xylene	10.70	106	346799	59.11	ug/l	97
70) Styrene	10.71	104	516172	54.15	ug/l	99
71) Bromoform	10.86	173	146734	47.45	ug/l	99
73) Isopropylbenzene	11.02	105	916825	57.98	ug/l	99
74) N-amyl acetate	6.48	43	326135	42.15	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	244022	50.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	262589	61.68	ug/l	80
77) Bromobenzene	11.26	156	232310	51.59	ug/l	95
78) n-propylbenzene	11.37	91	946729	52.60	ug/l	98
79) 2-Chlorotoluene	11.43	91	551221	50.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	731527	54.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50809	35.66	ug/l	99
82) 4-Chlorotoluene	11.51	91	652123	50.55	ug/l	99
83) tert-Butylbenzene	11.77	119	687356	52.37	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	763234	55.31	ug/l	97
85) sec-Butylbenzene	11.95	105	820462	51.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	745033	52.05	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	419890	51.06	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	429349	50.73	ug/l	99
89) n-Butylbenzene	12.39	91	621322	49.87	ug/l	99
90) Hexachloroethane	12.60	117	117802	55.33	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	419085	50.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57405	52.43	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	316275	52.35	ug/l	99

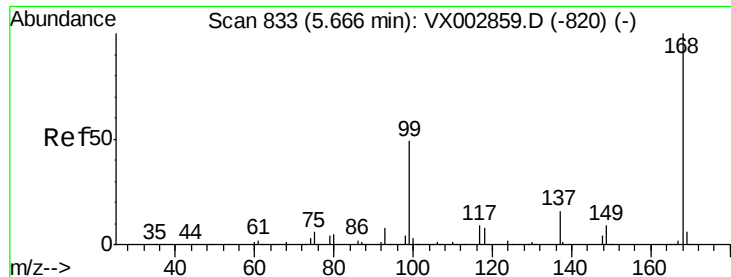
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	157478	52.27	ug/l	98
95) Naphthalene	13.84	128	886015	55.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320120	53.05	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

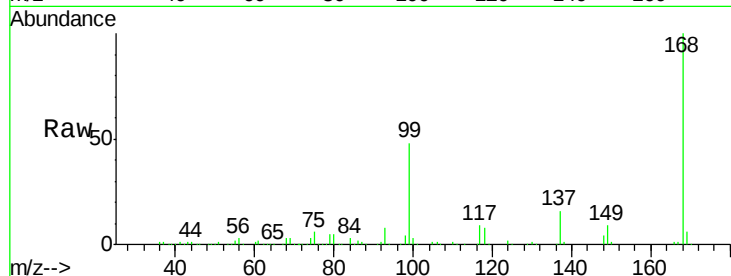
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 280963

Ion Ratio Lower Upper

168 100

99 48.3 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

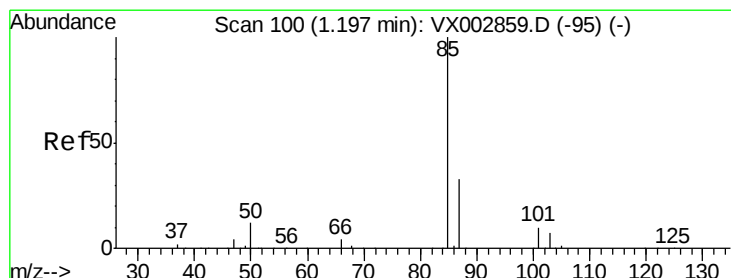
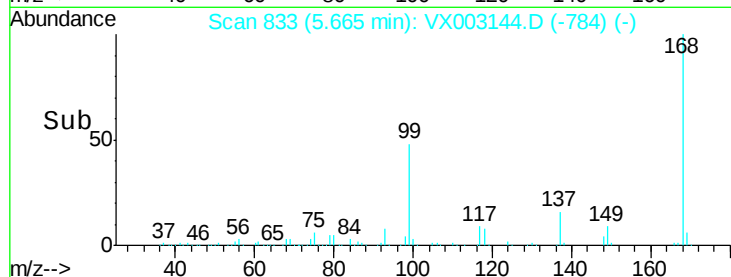
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003144.D

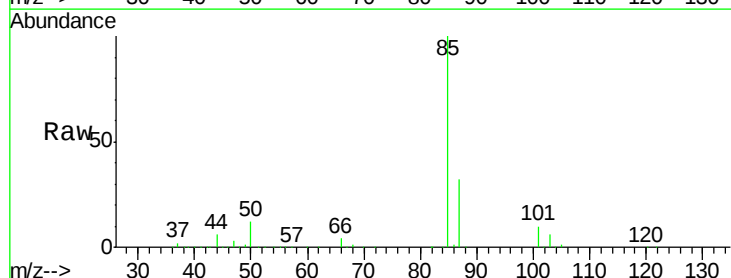
Acq: 03 Jul 2018 13:11

Tgt Ion: 85 Resp: 139004

Ion Ratio Lower Upper

85 100

87 32.2 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

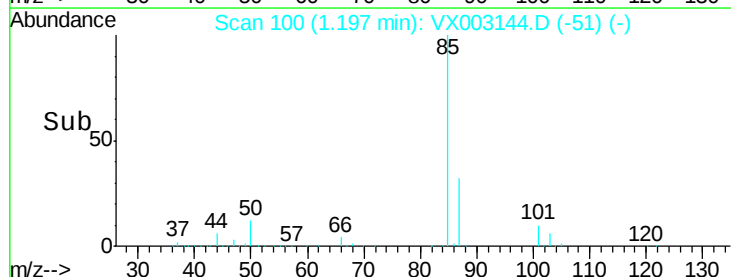
150000

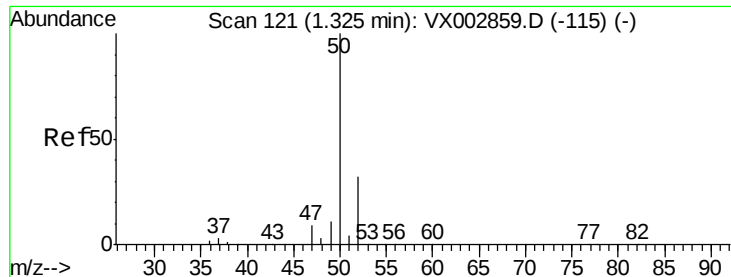
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Time-->

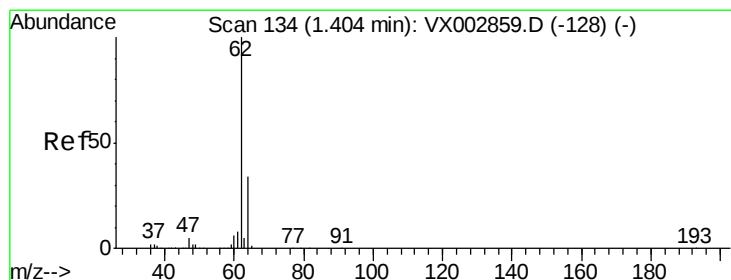
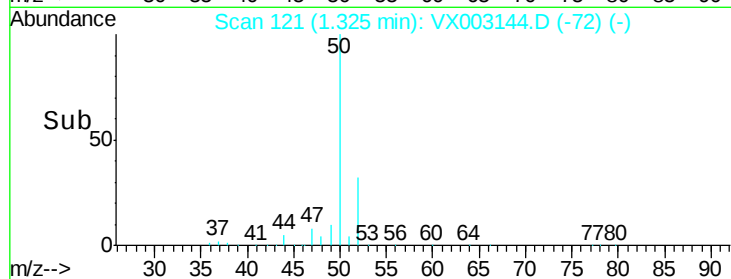
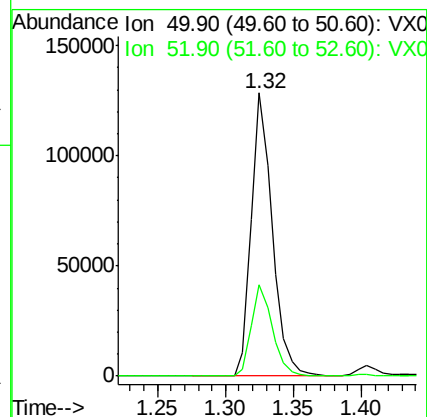
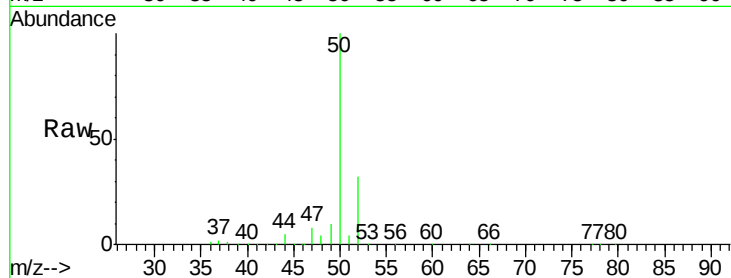




#3
Chloromethane
Concen: 53.81 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

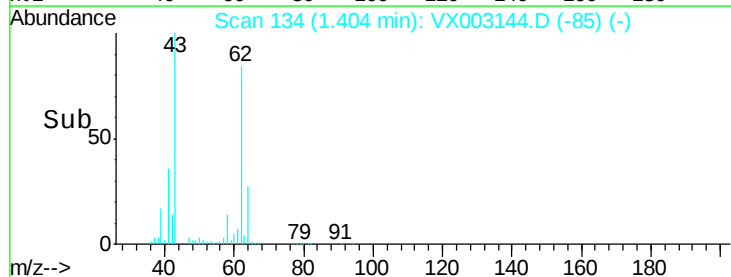
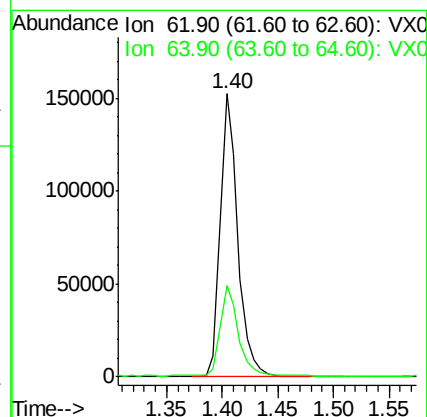
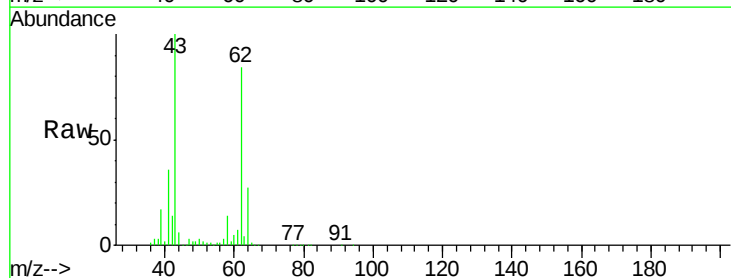
Instrument :
MSVOA_X
ClientSampleId :

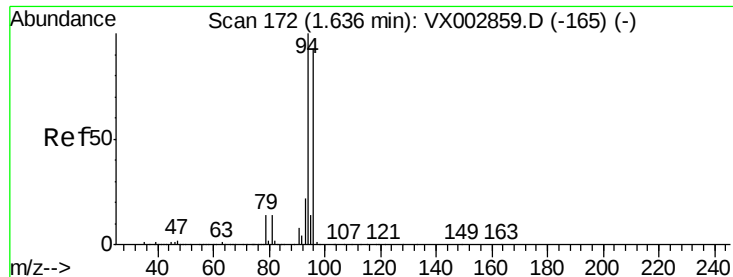
Tot Ion: 50 Resp: 139919
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5



#4
Vinyl Chloride
Concen: 51.94 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 62 Resp: 165051
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2





#5

Bromomethane

Concen: 36.47 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

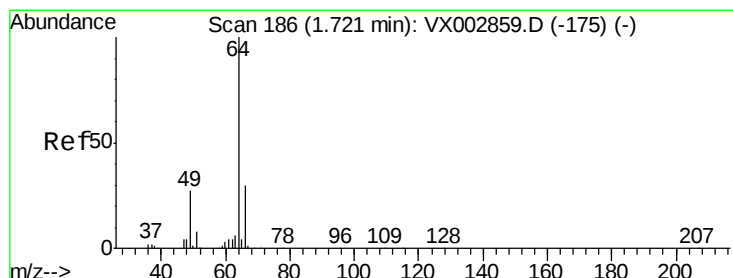
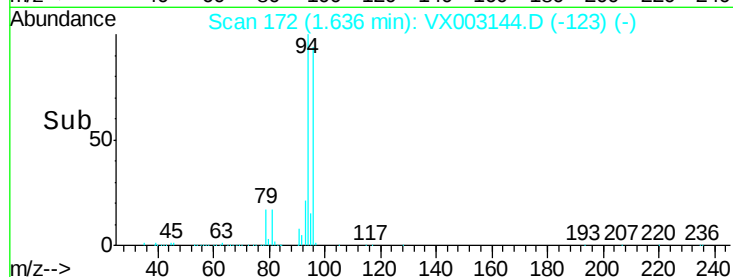
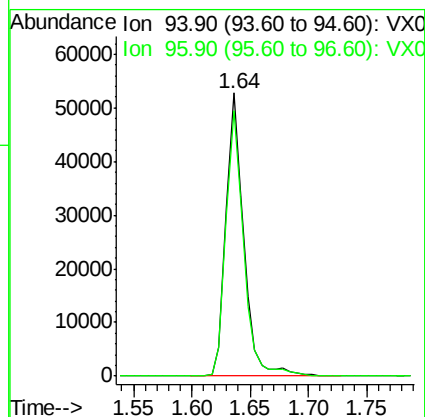
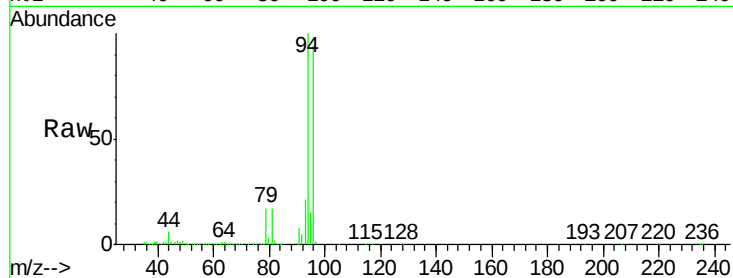
ClientSampleId :

Tot Ion: 94 Resp: 55183

Ion Ratio Lower Upper

94 100

96 94.0 74.9 112.3



#6

Chloroethane

Concen: 53.91 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003144.D

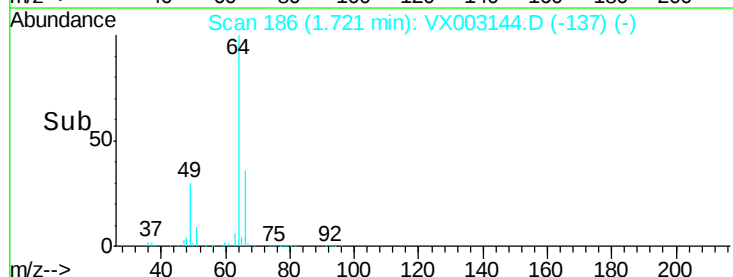
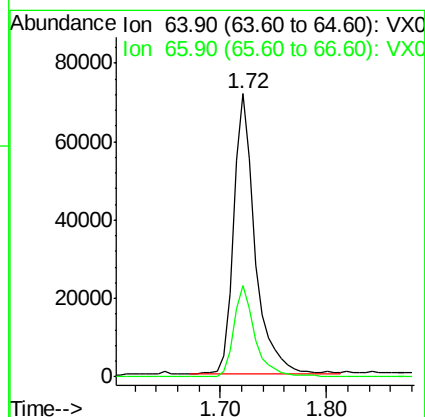
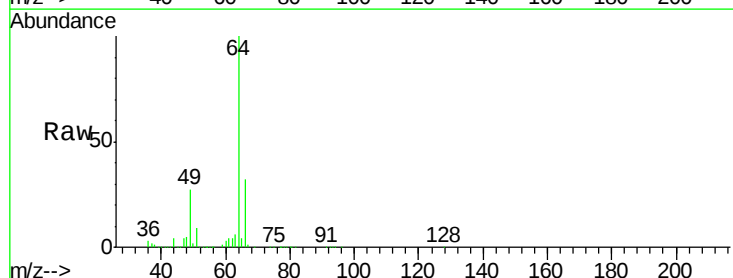
Acq: 03 Jul 2018 13:11

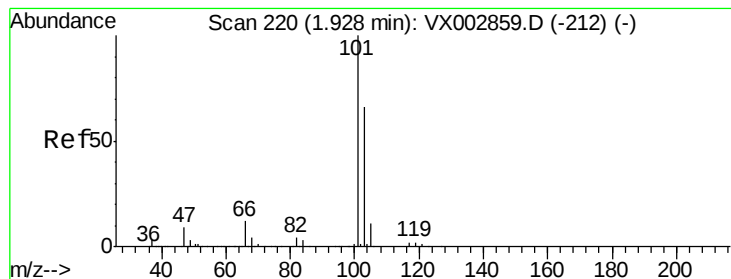
Tgt Ion: 64 Resp: 100184

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



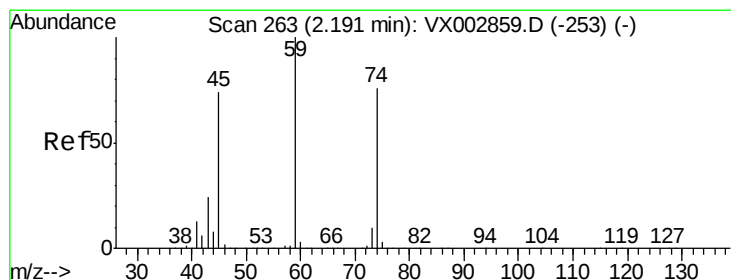
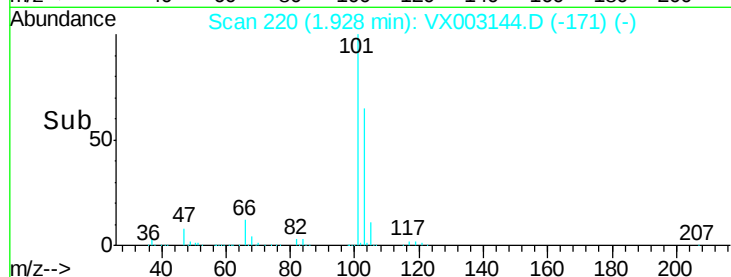
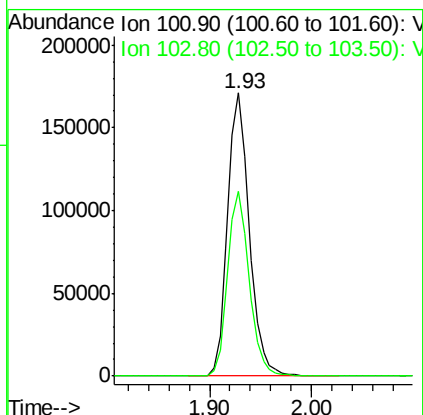
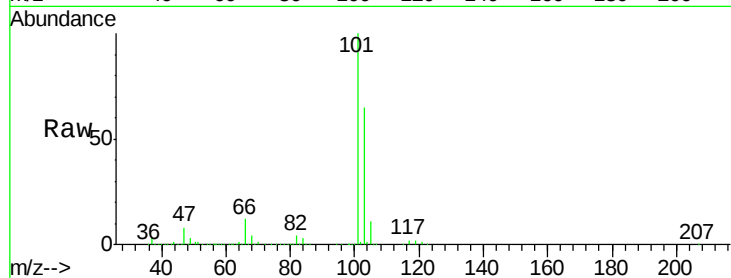


#7

Trichlorofluoromethane
 Concen: 46.95 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :

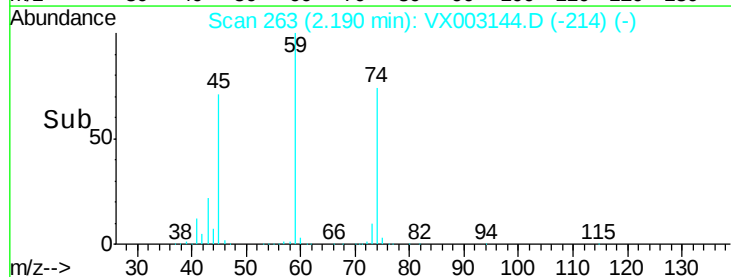
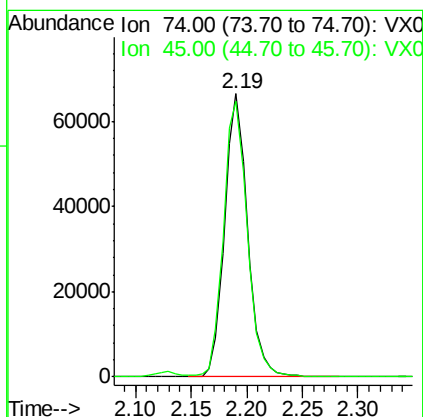
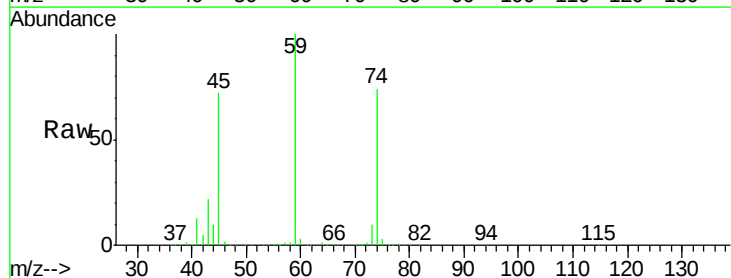
Tot Ion:101 Resp: 251632
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

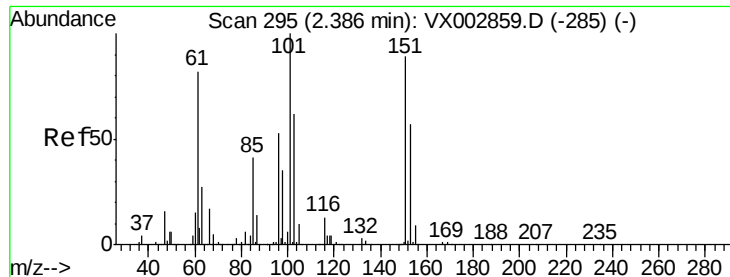


#8

Diethyl Ether
 Concen: 48.74 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 74 Resp: 94960
 Ion Ratio Lower Upper
 74 100
 45 100.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.73 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

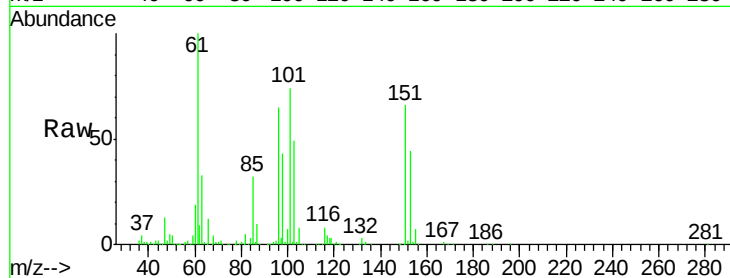
Tot Ion:101 Resp: 145116

Ion Ratio Lower Upper

101 100

85 43.1 36.0 54.0

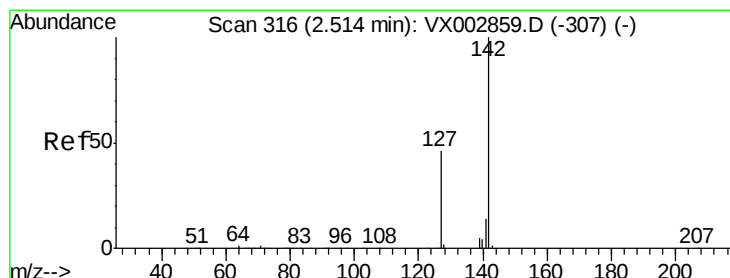
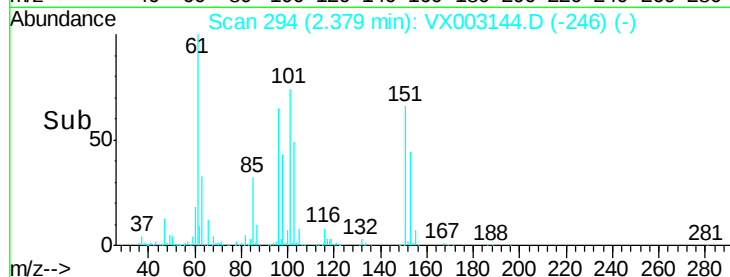
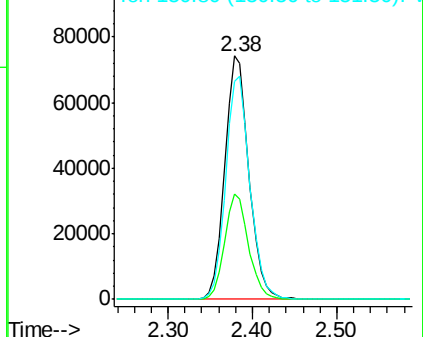
151 92.1 70.9 106.3



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: 41.54 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

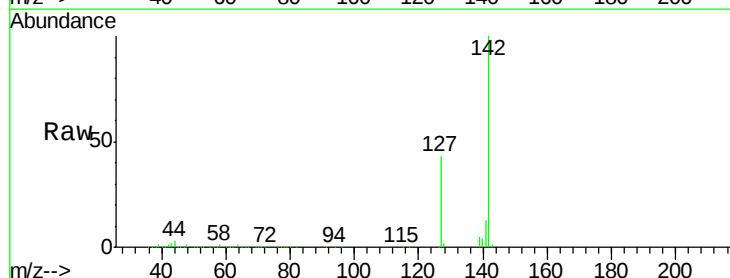
Tgt Ion:142 Resp: 127028

Ion Ratio Lower Upper

142 100

127 43.7 36.6 55.0

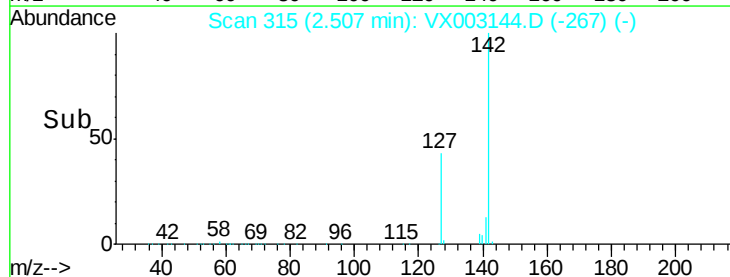
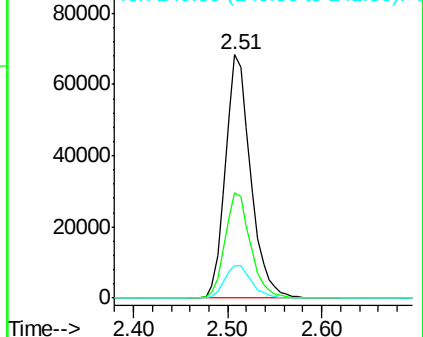
141 14.2 11.3 16.9

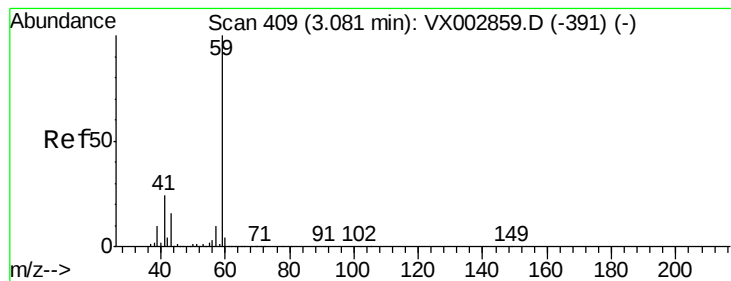


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



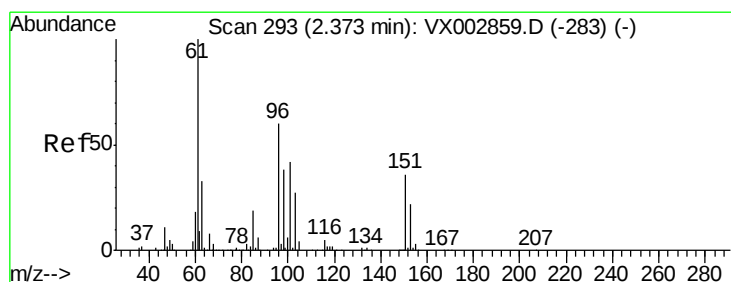
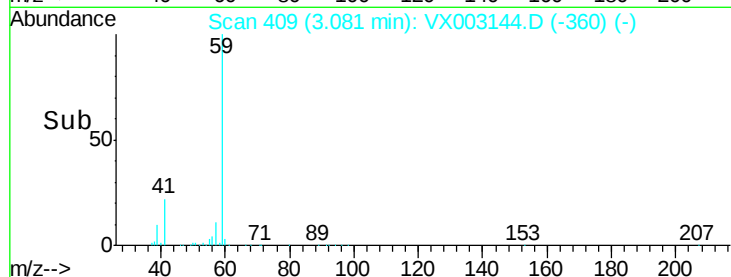
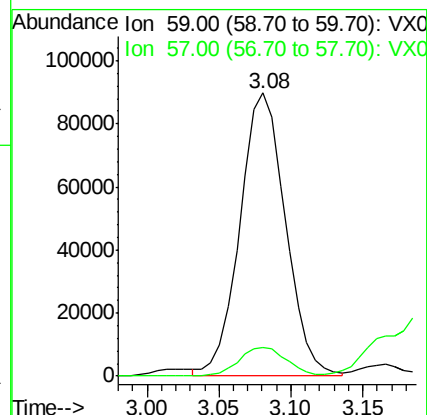
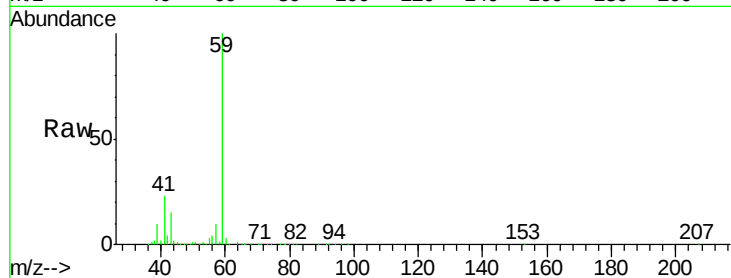


#11

Tert butyl alcohol
 Concen: 255.22 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampled :

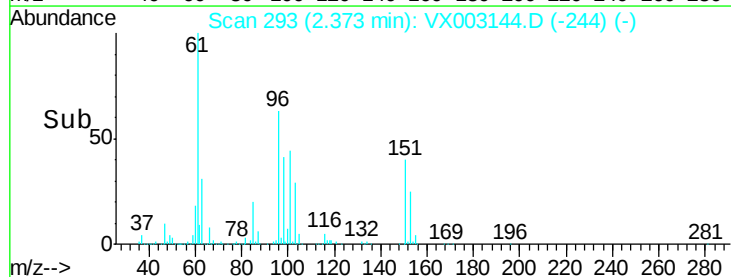
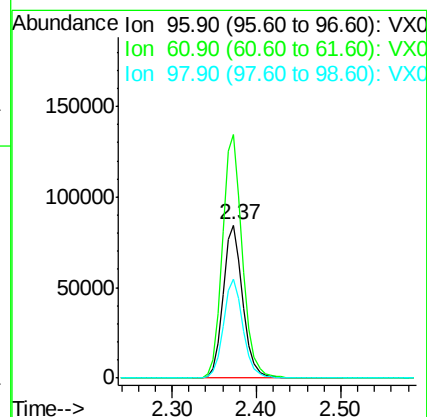
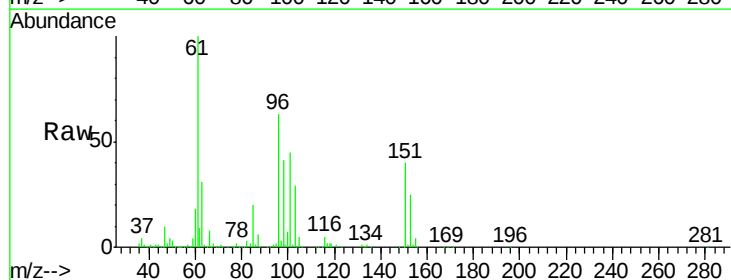
Tot Ion: 59 Resp: 197446
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

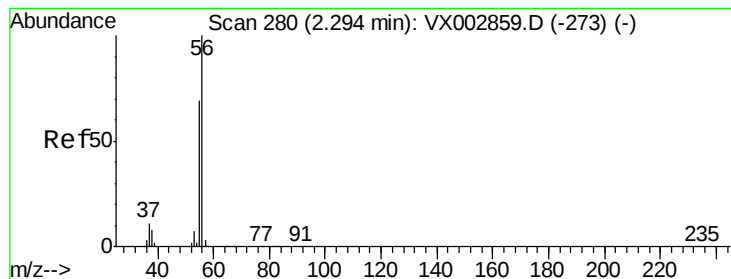


#12

1,1-Dichloroethene
 Concen: 49.17 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 96 Resp: 136232
 Ion Ratio Lower Upper
 96 100
 61 159.3 137.9 206.9
 98 64.6 51.6 77.4





#13

Acrolein

Concen: 130.13 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

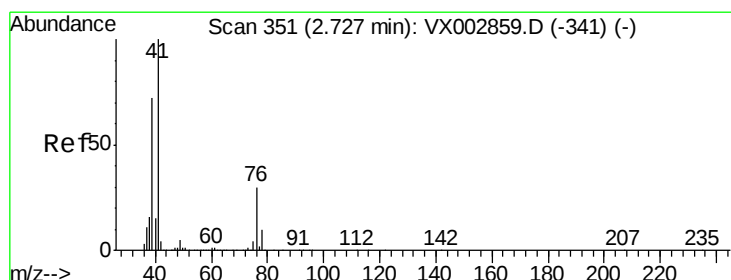
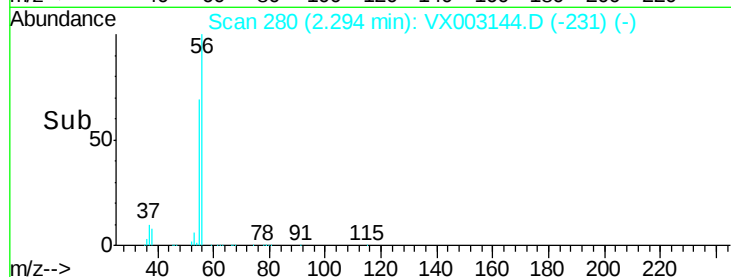
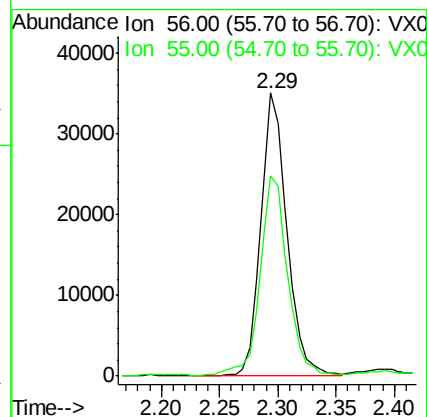
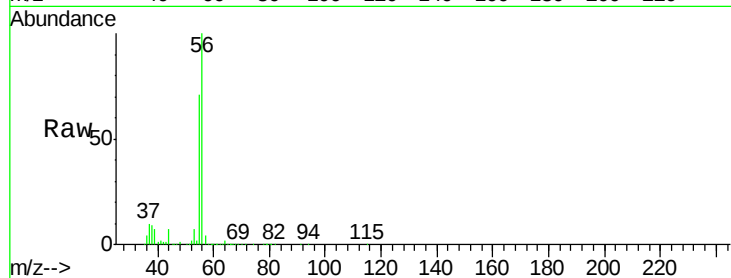
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 54925

Ion Ratio Lower Upper

56 100

55 73.7 57.0 85.4



#14

Allyl chloride

Concen: 43.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

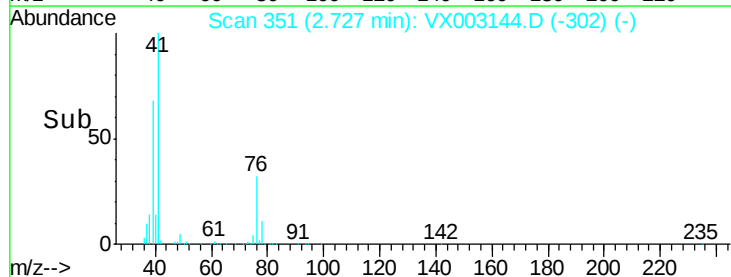
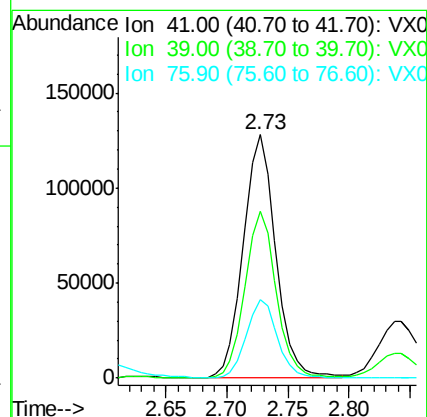
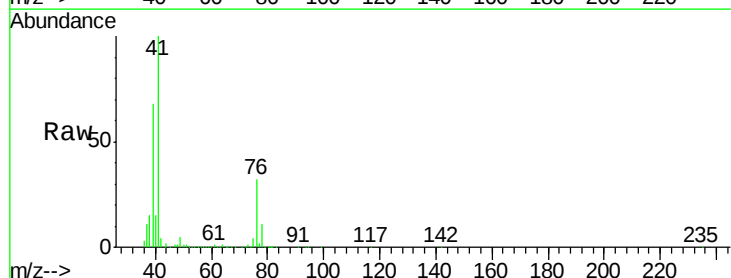
Tgt Ion: 41 Resp: 235841

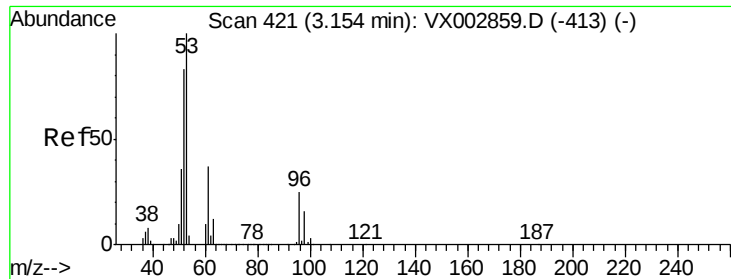
Ion Ratio Lower Upper

41 100

39 65.6 56.8 85.2

76 30.8 23.8 35.8

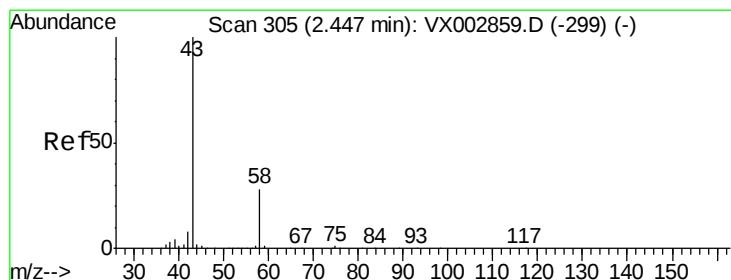
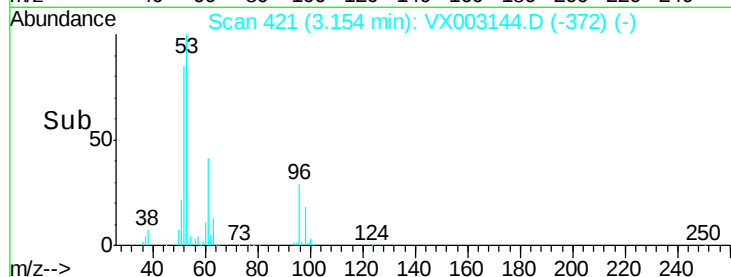
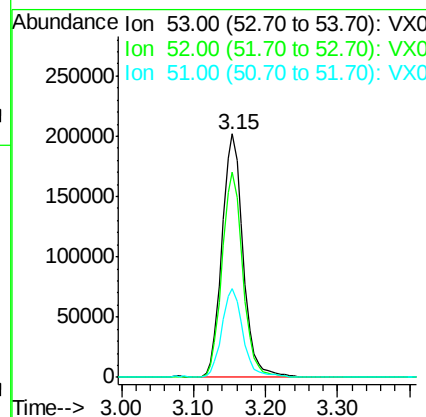
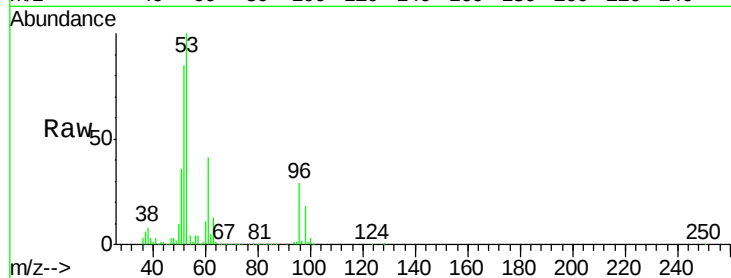




#15
 Acrylonitrile
 Concen: 247.17 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

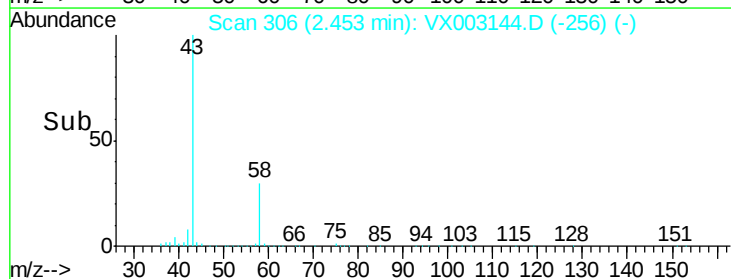
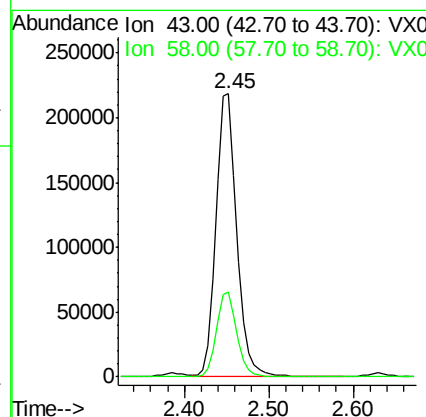
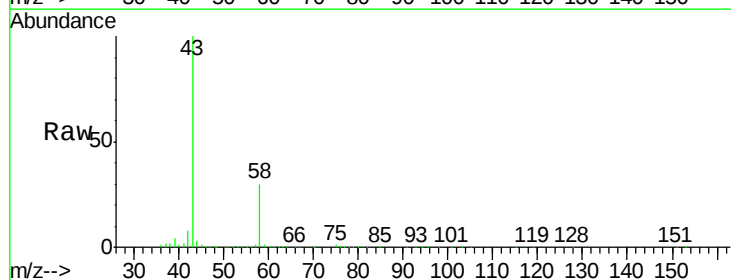
Instrument :
 MSVOA_X
 ClientSampled :

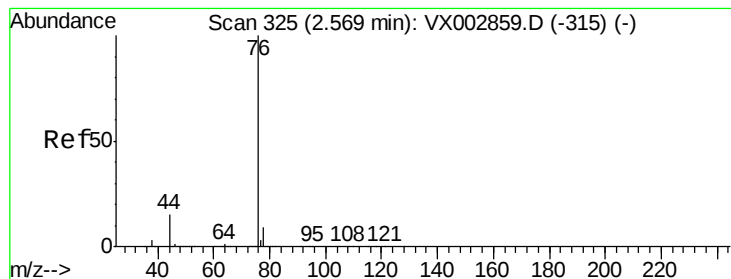
Tot Ion: 53 Resp: 408423
 Ion Ratio Lower Upper
 53 100
 52 83.2 66.7 100.1
 51 36.8 29.9 44.9



#16
 Acetone
 Concen: 232.27 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 43 Resp: 373549
 Ion Ratio Lower Upper
 43 100
 58 29.8 22.1 33.1

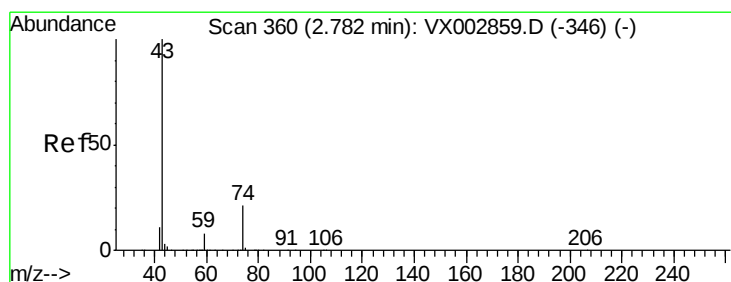
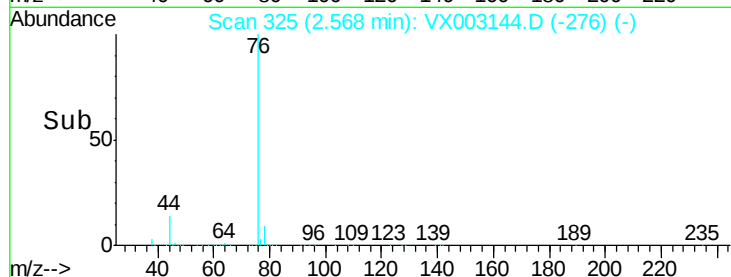
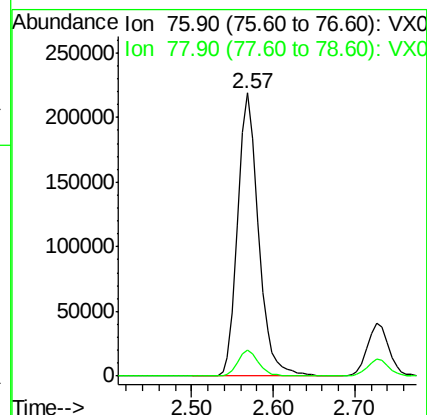
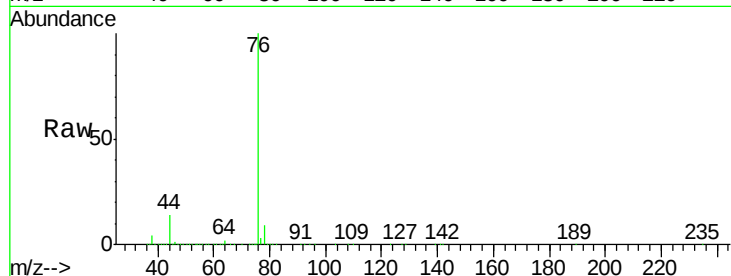




#17
Carbon Disulfide
Concen: 52.03 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

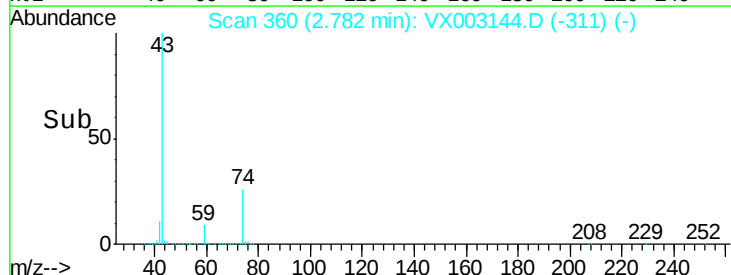
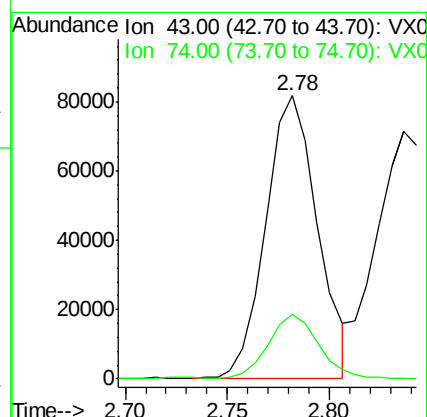
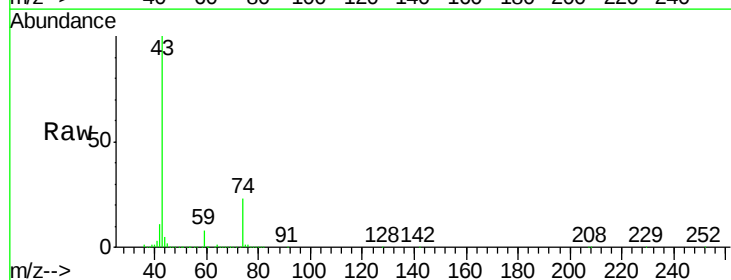
Instrument :
MSVOA_X
ClientSampleId :

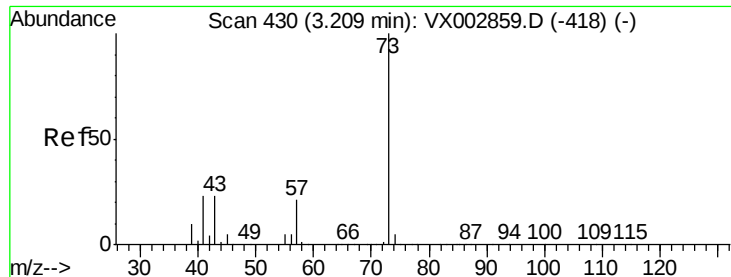
Tot Ion: 76 Resp: 384146
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 31.98 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 43 Resp: 143783
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1

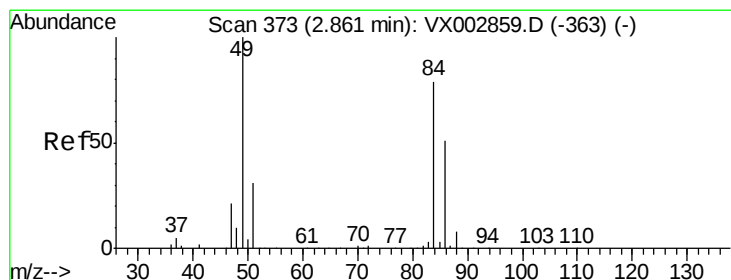
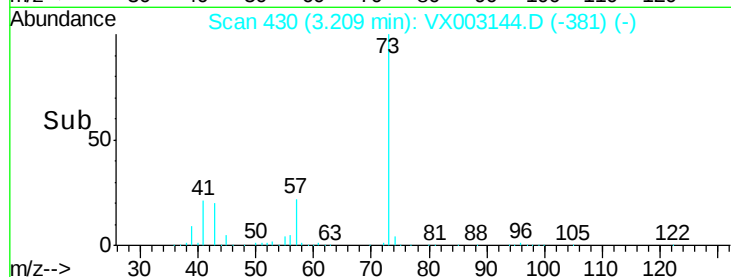
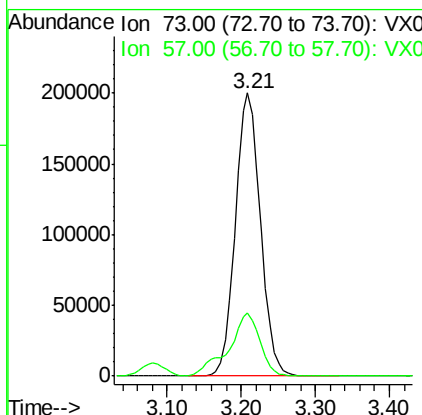
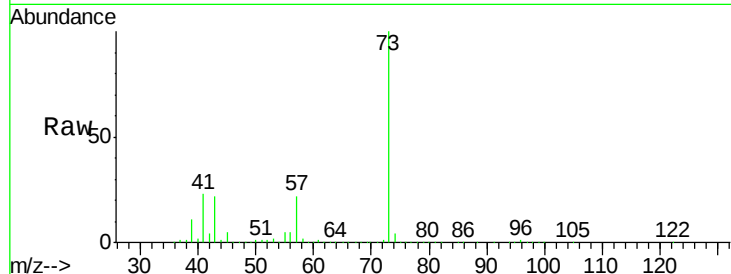




#19
Methyl tert-butyl Ether
Concen: 47.41 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

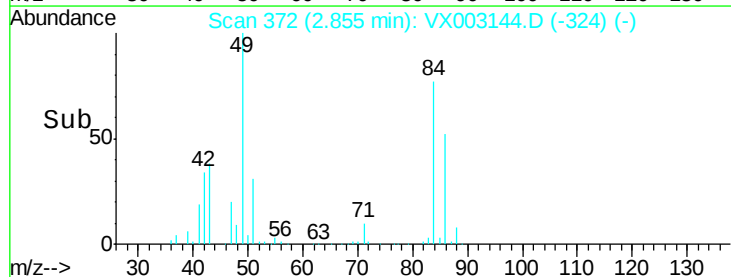
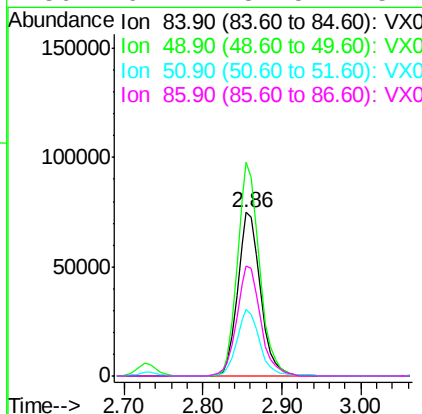
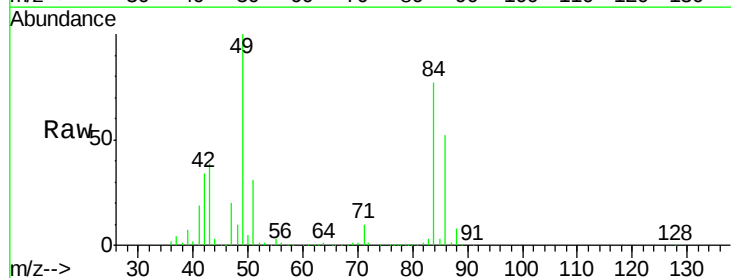
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 73 Resp: 472317
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 48.06 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 84 Resp: 150399
Ion Ratio Lower Upper
84 100
49 130.4 107.8 161.6
51 40.8 32.8 49.2
86 67.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

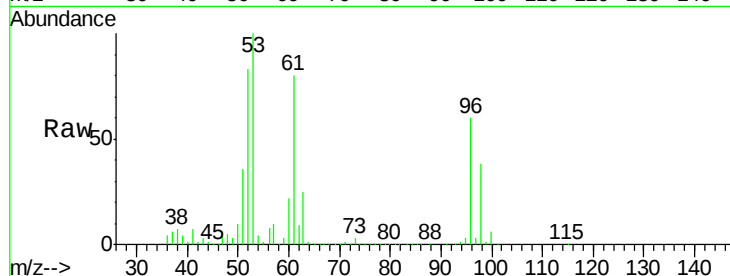
Tot Ion: 96 Resp: 148312

Ion Ratio Lower Upper

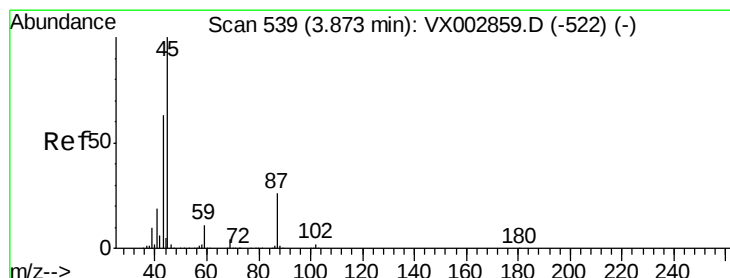
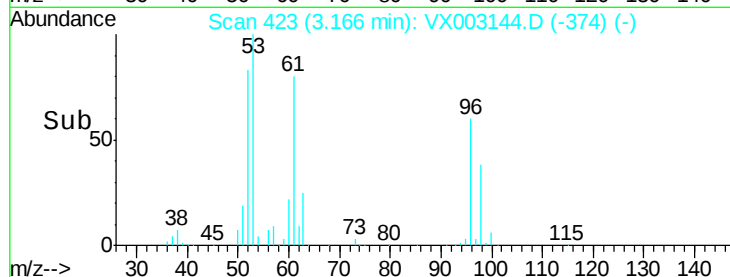
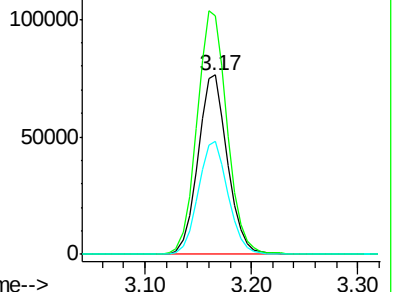
96 100

61 133.0 117.0 175.4

98 62.8 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: 46.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Tgt Ion: 45 Resp: 489973

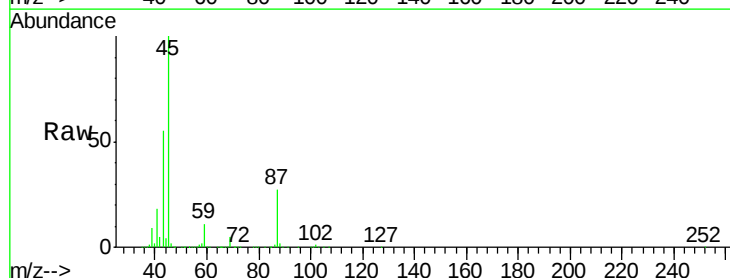
Ion Ratio Lower Upper

45 100

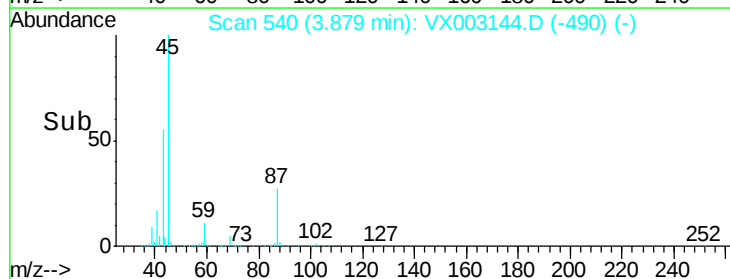
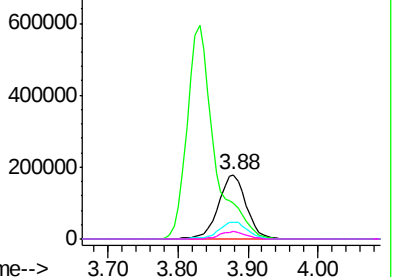
43 54.9 46.8 70.2

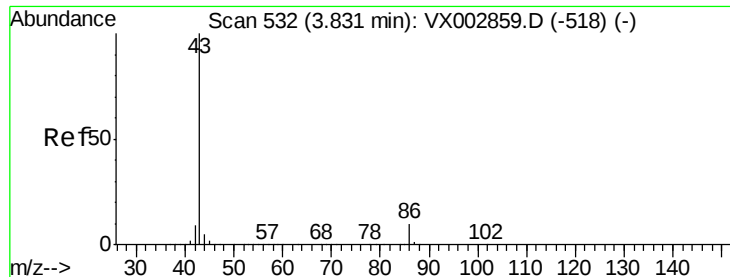
87 26.7 20.2 30.4

59 11.2 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: 180.96 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

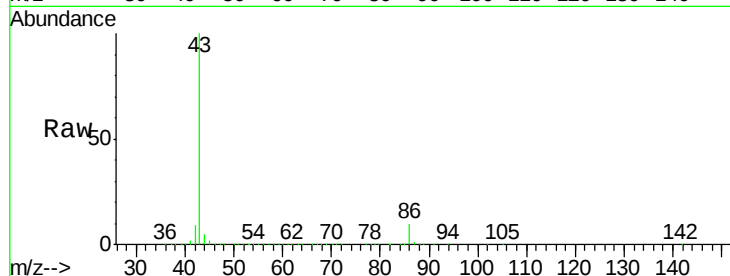
ClientSampleId :

Tot Ion: 43 Resp: 1599858

Ion Ratio Lower Upper

43 100

86 10.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

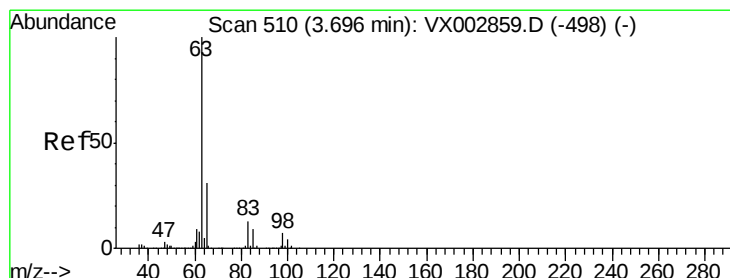
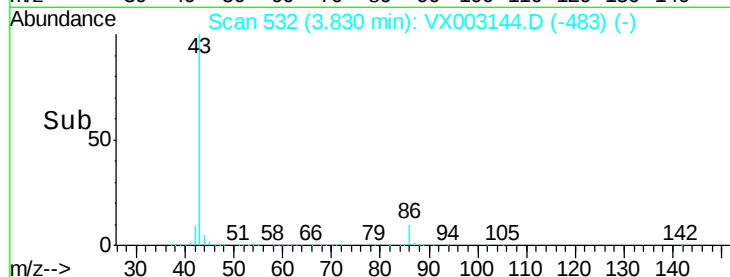
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.70 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

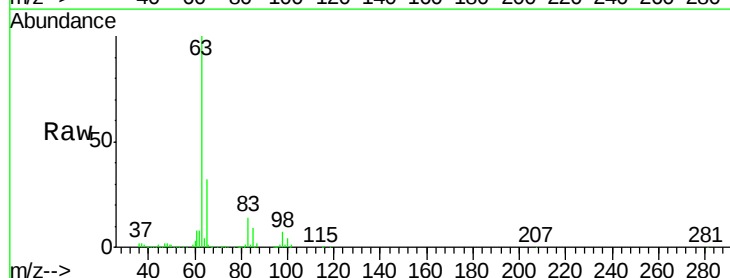
Tgt Ion: 63 Resp: 270705

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

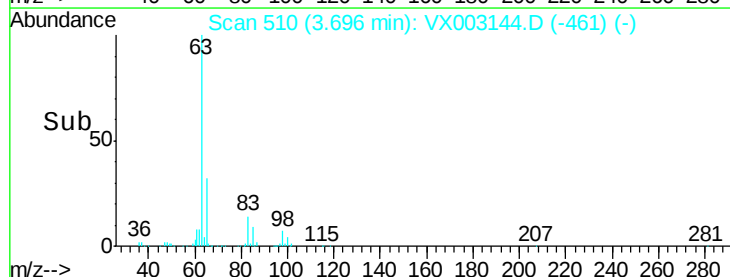
150000

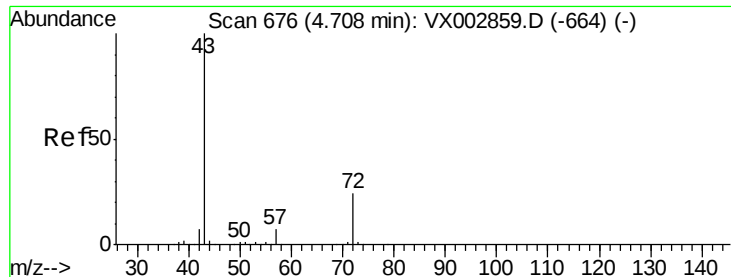
100000

50000

0

Time-->





#25

2-Butanone

Concen: 251.01 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

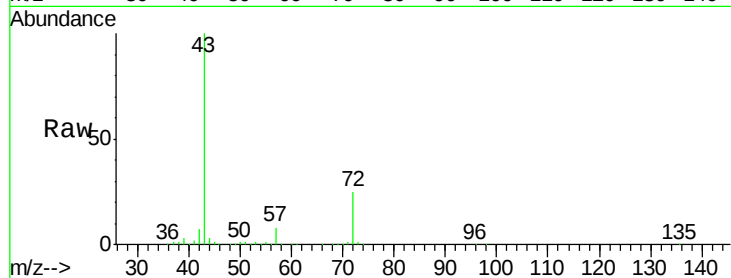
ClientSampleId :

Tot Ion: 43 Resp: 599122

Ion Ratio Lower Upper

43 100

72 24.6 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

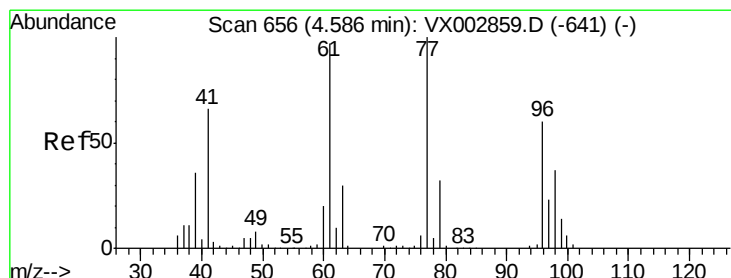
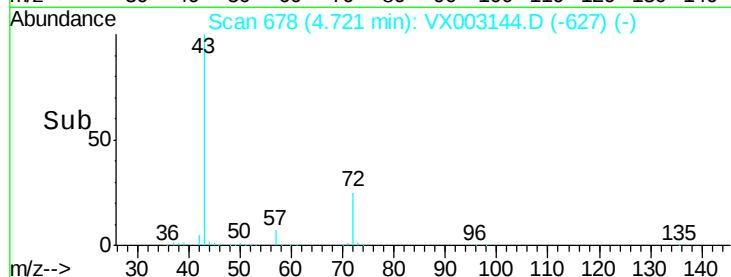
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 15.97 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003144.D

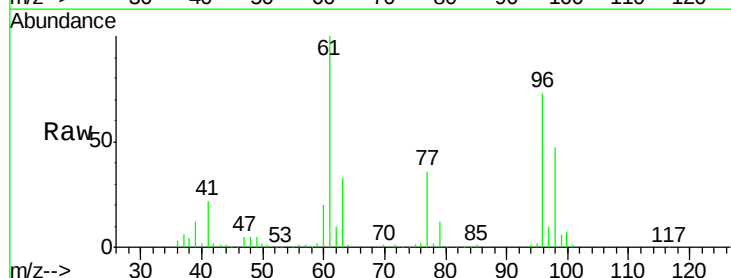
Acq: 03 Jul 2018 13:11

Tgt Ion: 77 Resp: 73676

Ion Ratio Lower Upper

77 100

97 28.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

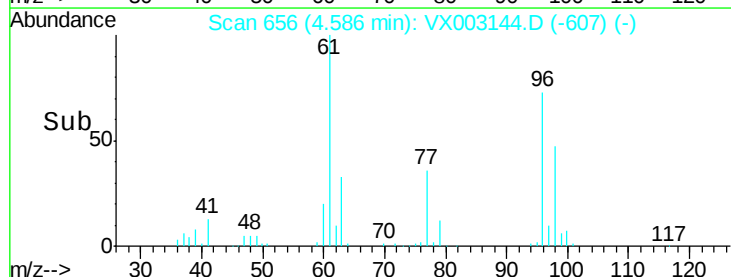
10000

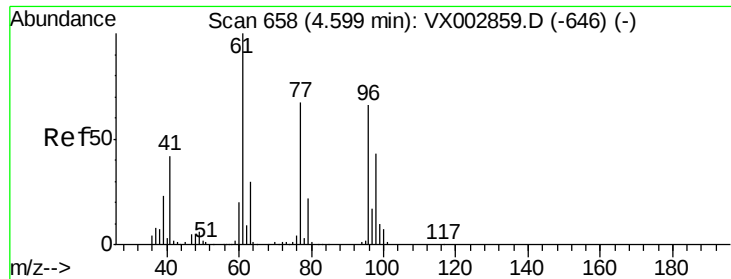
5000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.27 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampled :

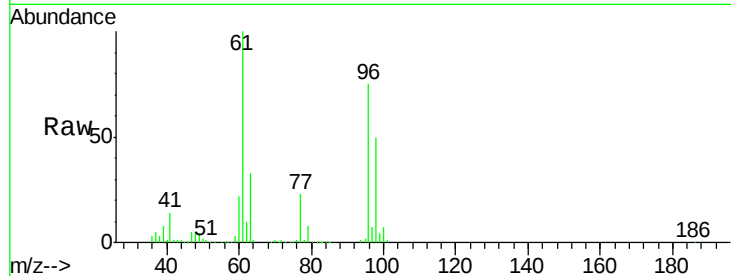
Tot Ion: 96 Resp: 170108

Ion Ratio Lower Upper

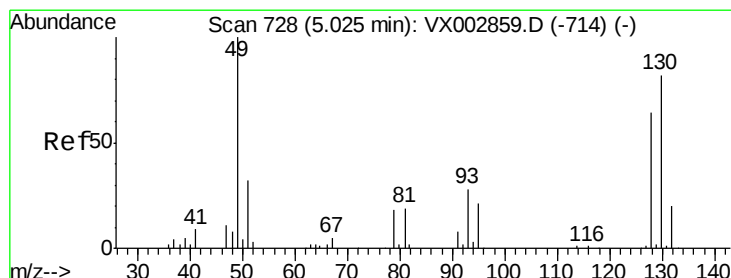
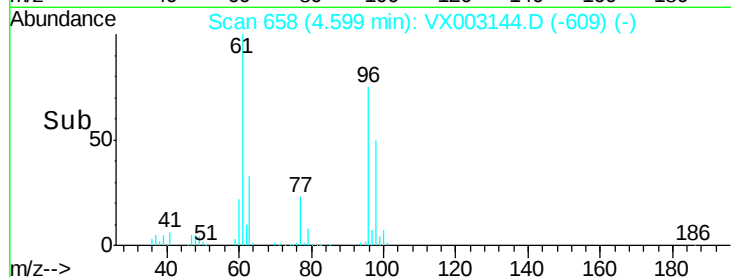
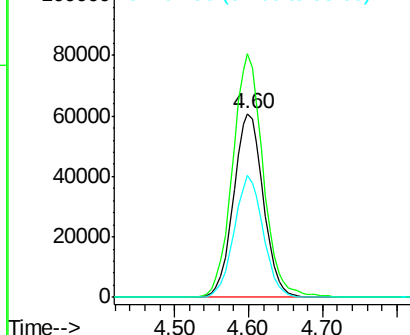
96 100

61 136.6 0.0 330.2

98 64.6 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: 46.28 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

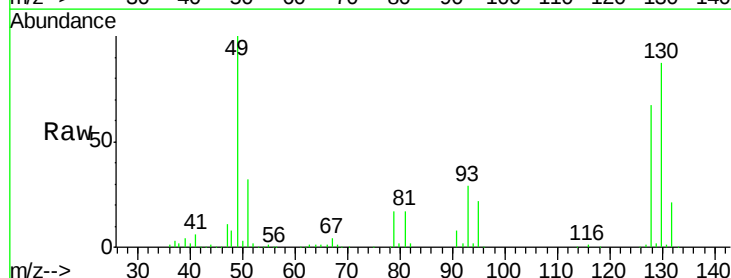
Tgt Ion: 49 Resp: 125719

Ion Ratio Lower Upper

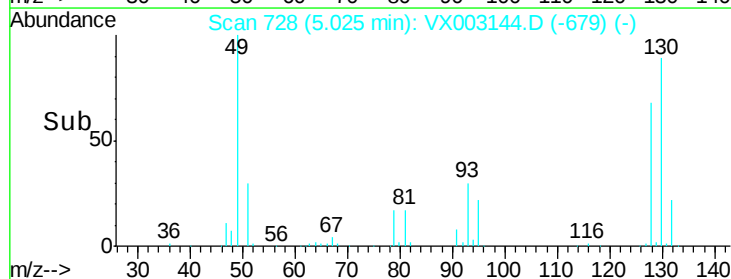
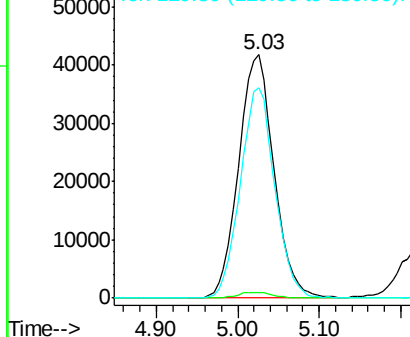
49 100

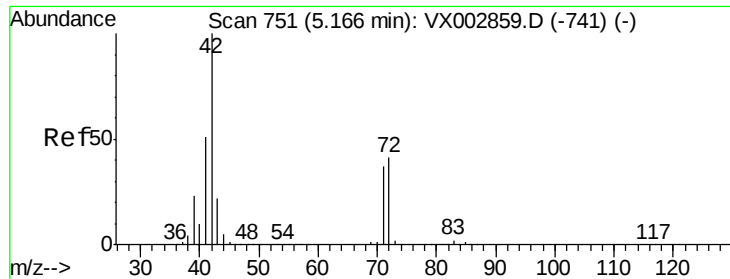
129 2.4 0.0 4.2

130 84.4 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

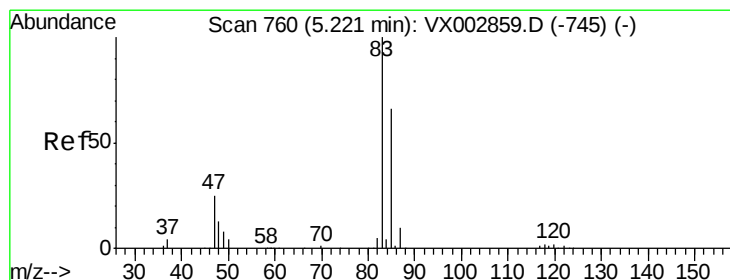
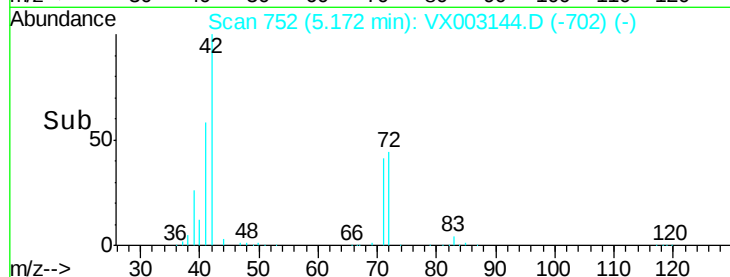
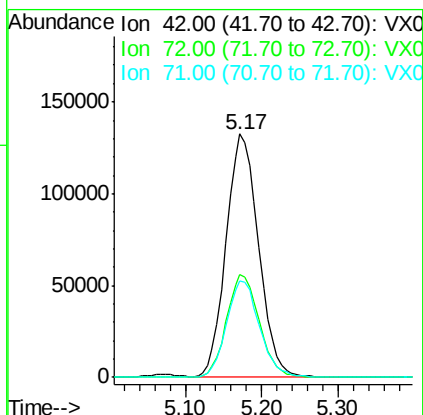
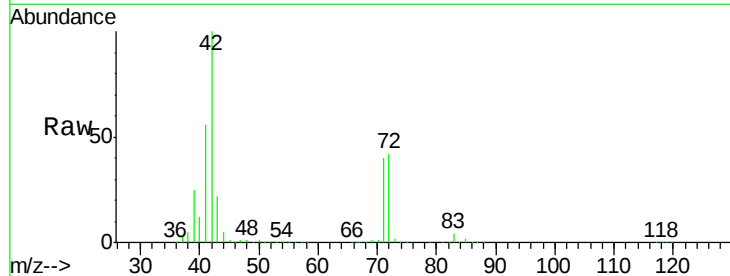




#29
Tetrahydrofuran
Concen: 253.16 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

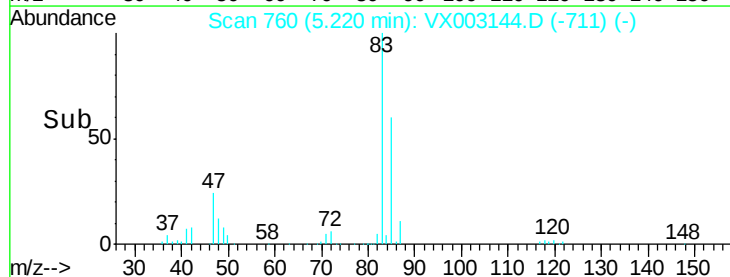
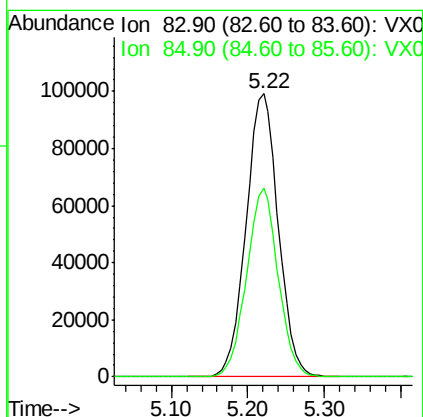
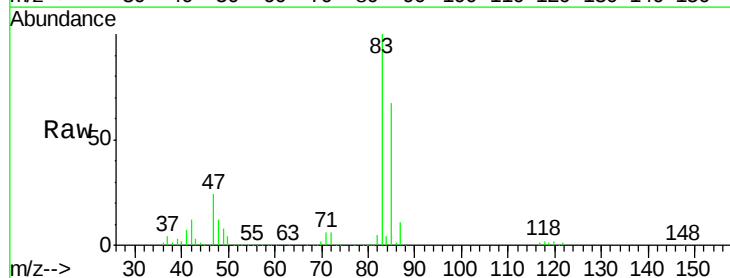
Instrument :
MSVOA_X
ClientSampleId :

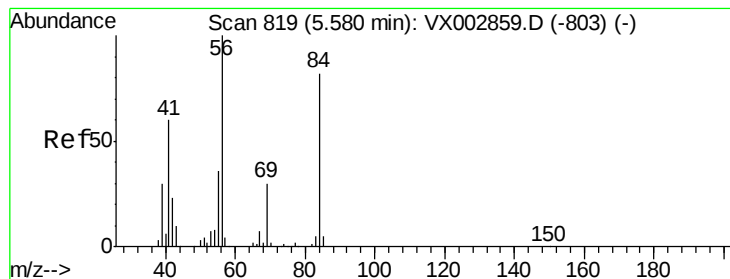
Tot Ion: 42 Resp: 387491
Ion Ratio Lower Upper
42 100
72 42.8 32.0 48.0
71 40.7 30.1 45.1



#30
Chloroform
Concen: 49.85 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 83 Resp: 290316
Ion Ratio Lower Upper
83 100
85 66.5 50.4 75.6





#31

Cyclohexane

Concen: 63.53 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :

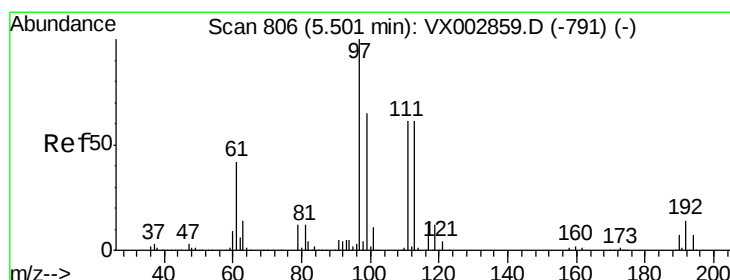
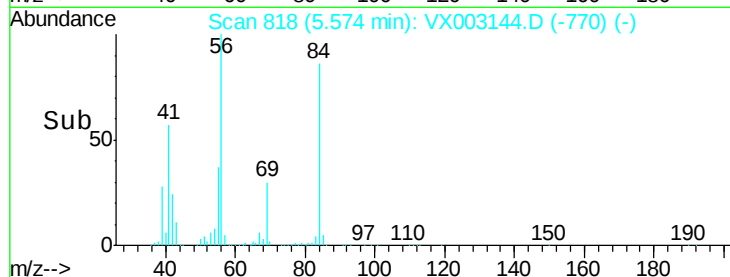
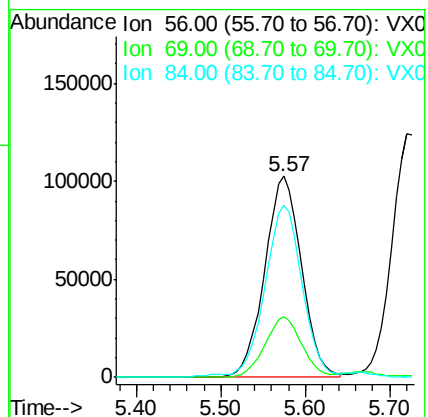
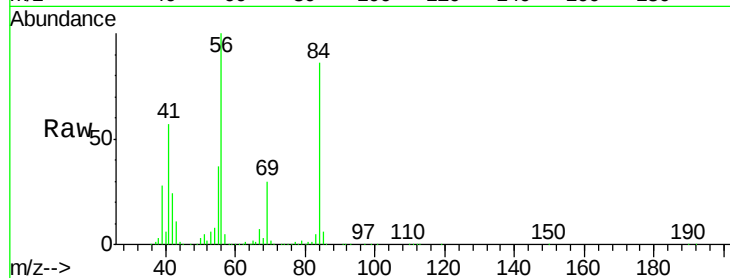
Tot Ion: 56 Resp: 309423

Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

84 85.1 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 50.36 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

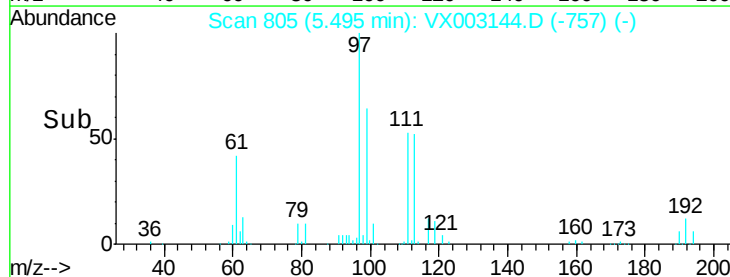
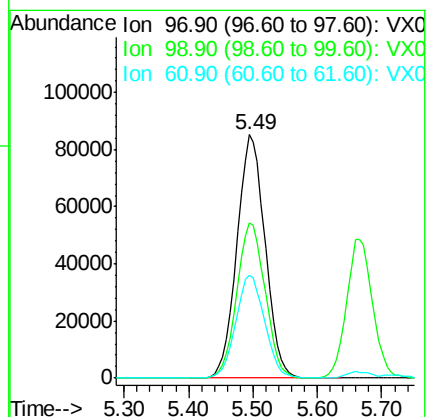
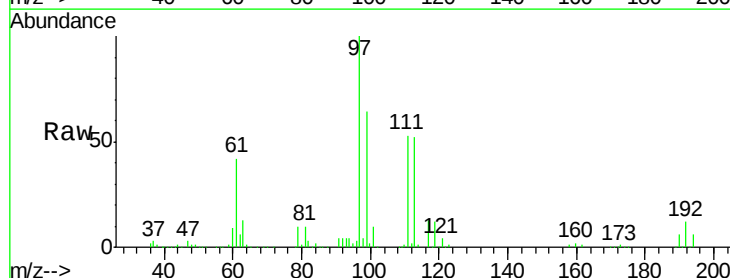
Tgt Ion: 97 Resp: 258046

Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.3 36.4 54.6

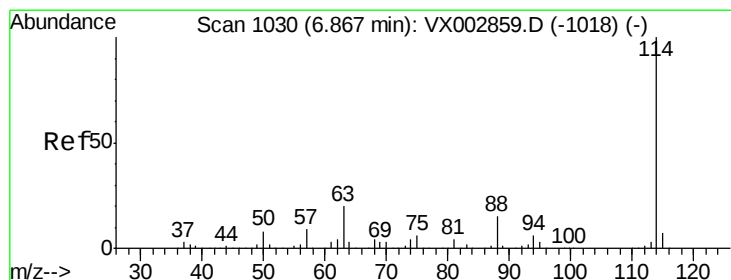
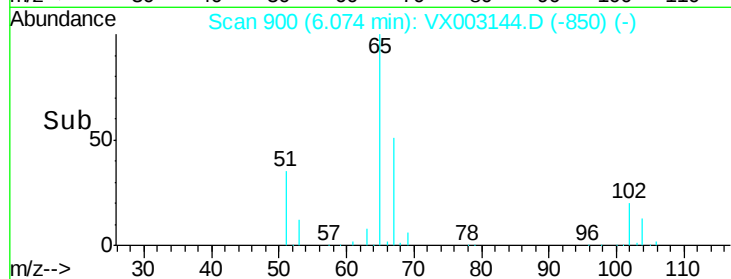
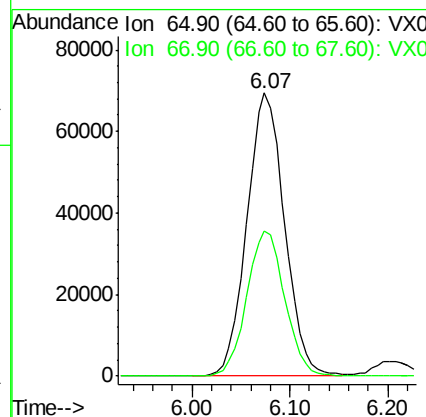
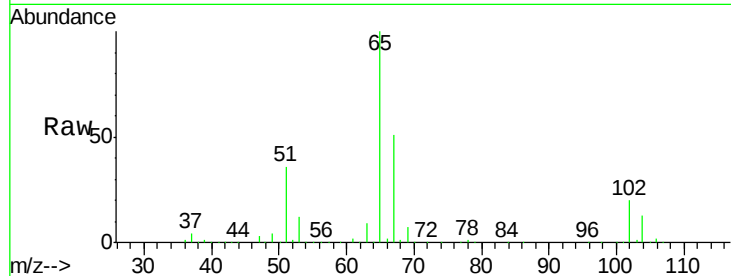




#33
 1,2-Dichloroethane-d4
 Concen: 47.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

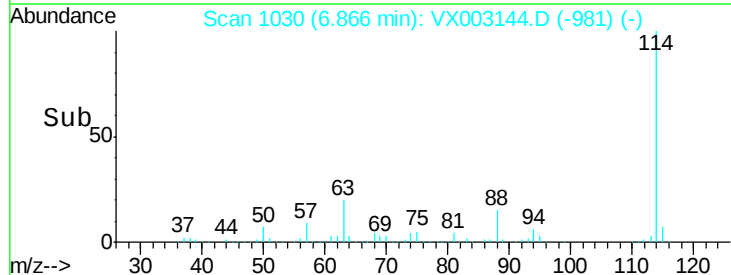
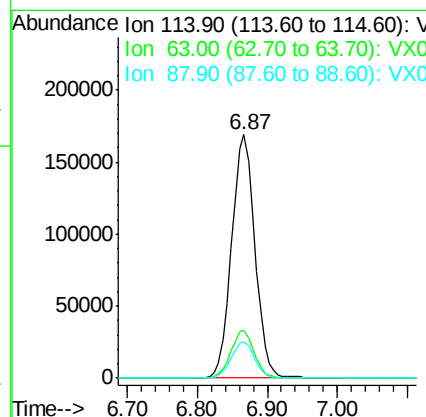
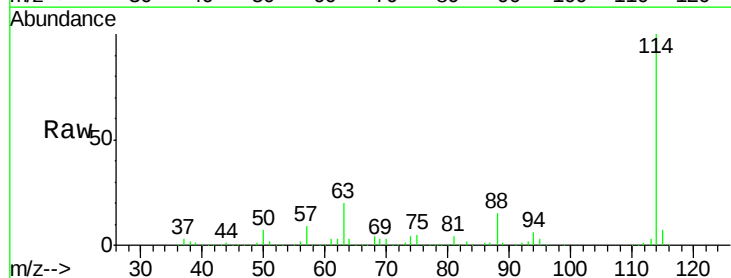
Instrument :
 MSVOA_X
 ClientSampleId :

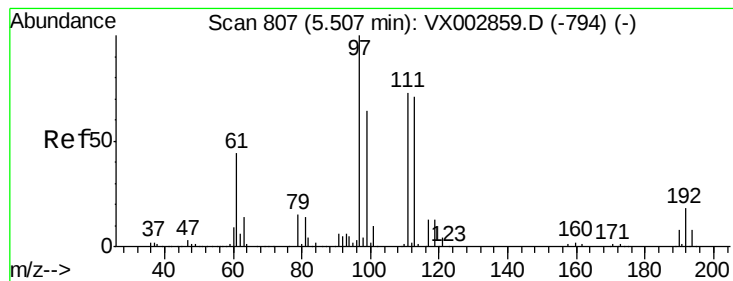
Tot Ion: 65 Resp: 185477
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 114 Resp: 392360
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.83 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :

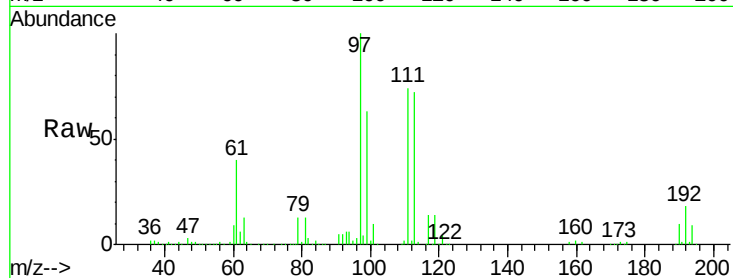
Tot Ion:113 Resp: 154818

Ion Ratio Lower Upper

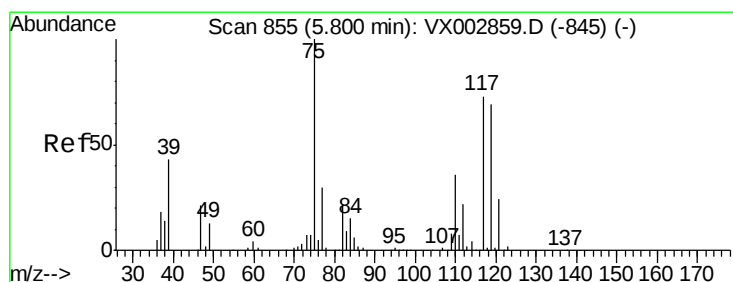
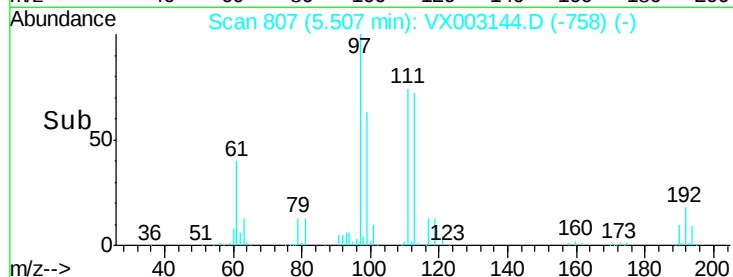
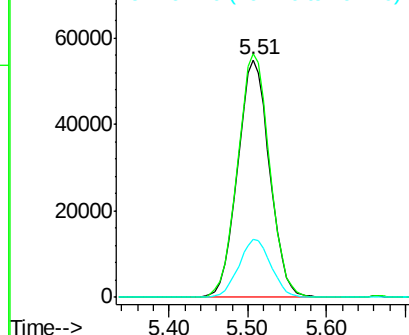
113 100

111 102.9 81.4 122.0

192 24.8 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.21 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

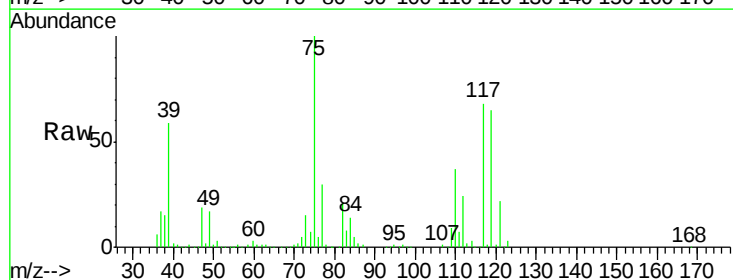
Tgt Ion: 75 Resp: 216053

Ion Ratio Lower Upper

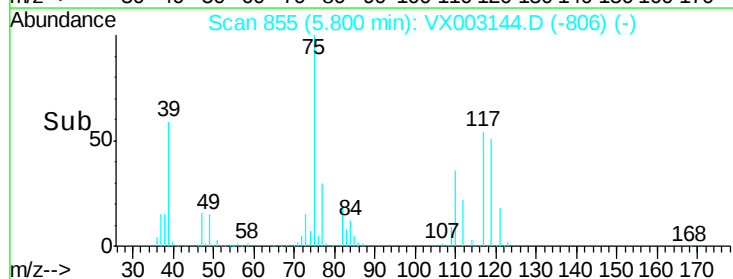
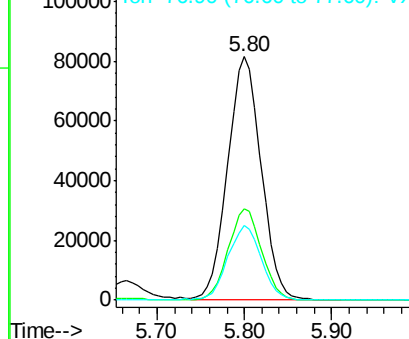
75 100

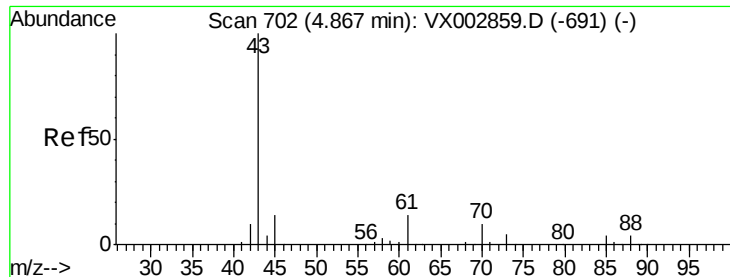
110 37.7 18.1 54.4

77 31.4 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 39.15 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampled :

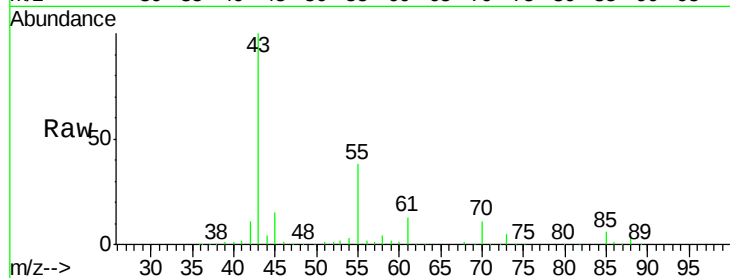
Tot Ion: 43 Resp: 181394

Ion Ratio Lower Upper

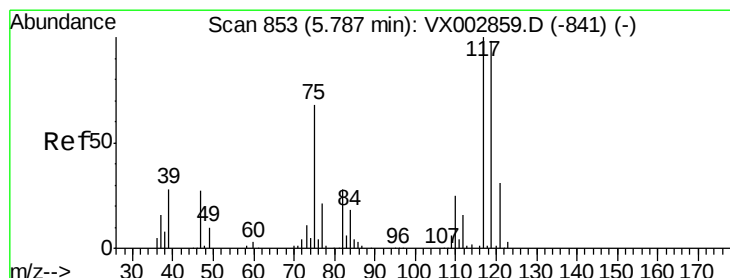
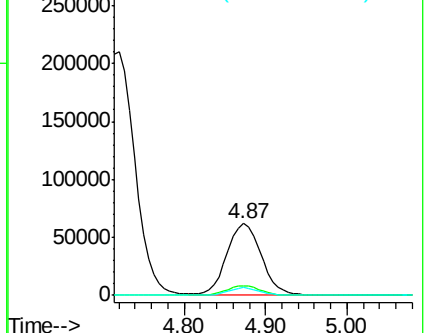
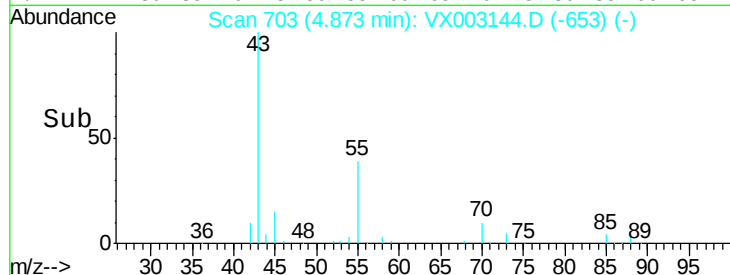
43 100

61 13.2 10.4 15.6

70 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003144.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 50.06 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

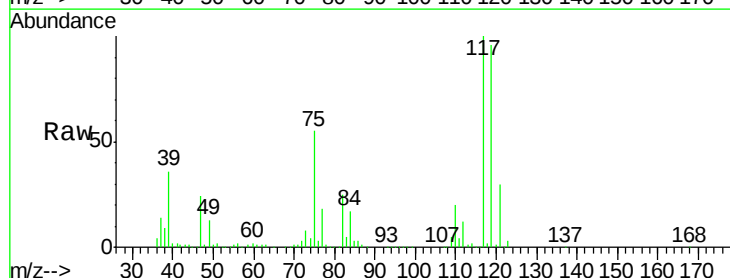
Tgt Ion: 117 Resp: 236383

Ion Ratio Lower Upper

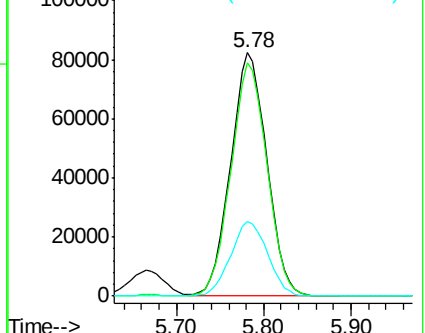
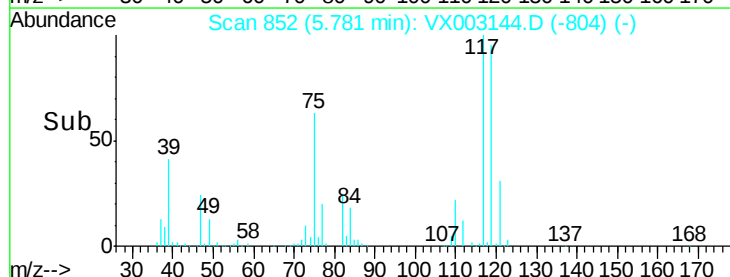
117 100

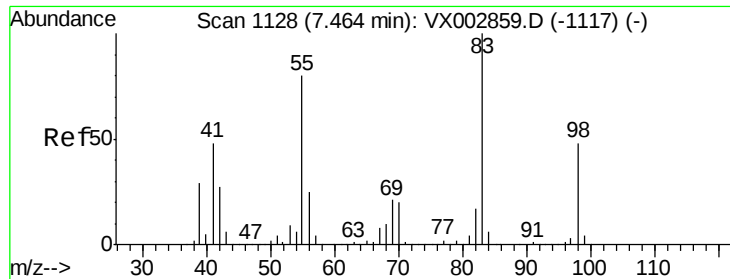
119 96.0 77.4 116.0

121 30.4 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX003144.D (-804) (-)

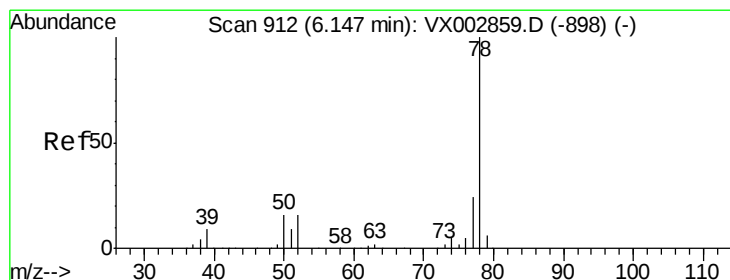
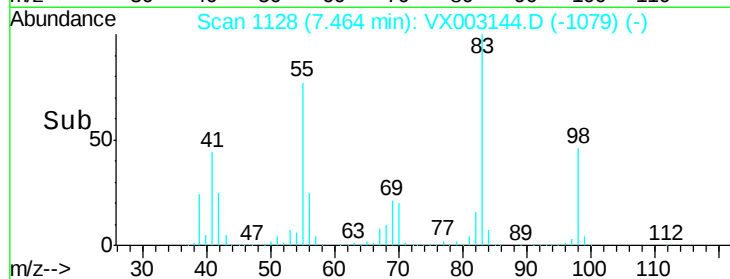
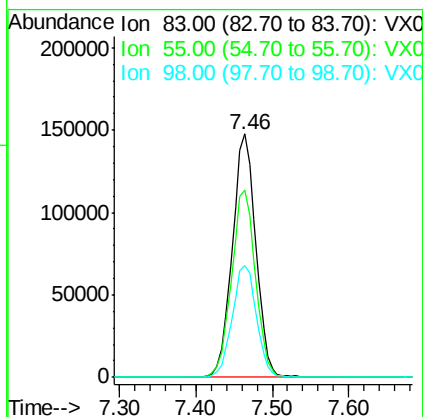
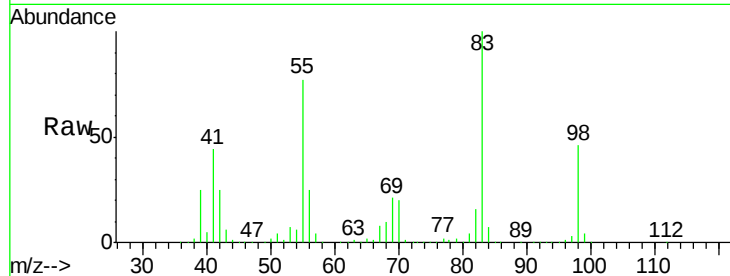




#39
Methvlcvclohexane
Concen: 62.60 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

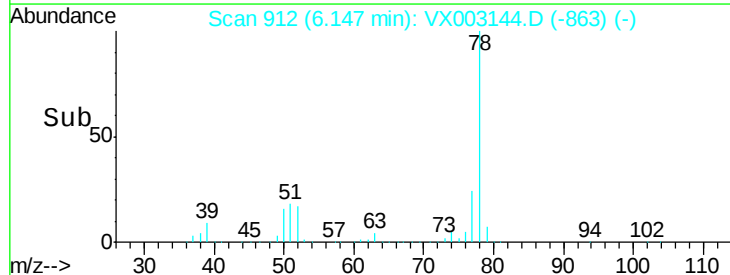
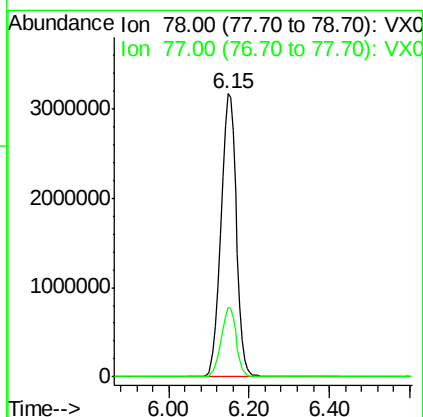
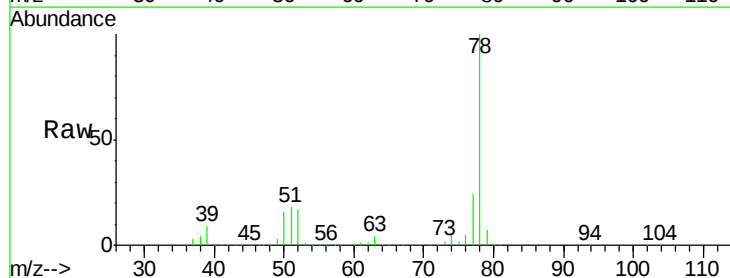
Instrument :
MSVOA_X
ClientSampleId :

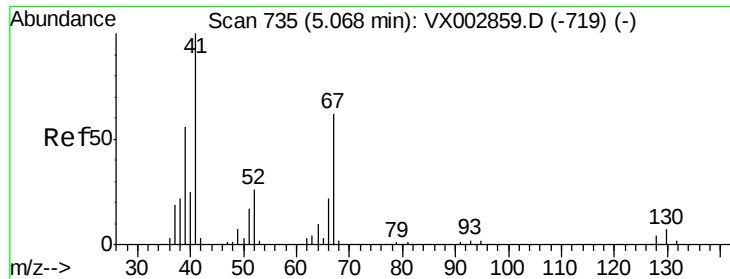
Tot Ion: 83 Resp: 313763
Ion Ratio Lower Upper
83 100
55 76.9 65.4 98.0
98 46.1 37.4 56.0



#40
Benzene
Concen: 668.51 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 78 Resp: 8357597
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

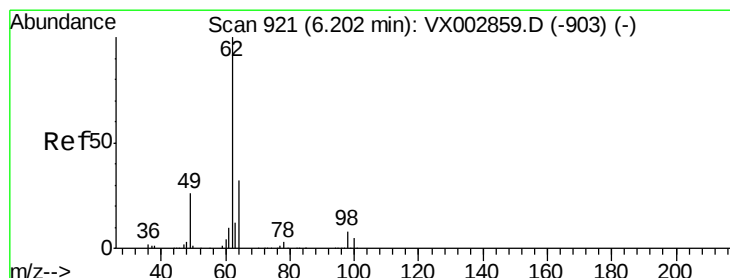
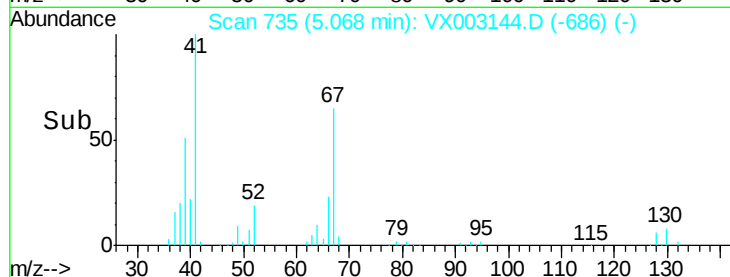
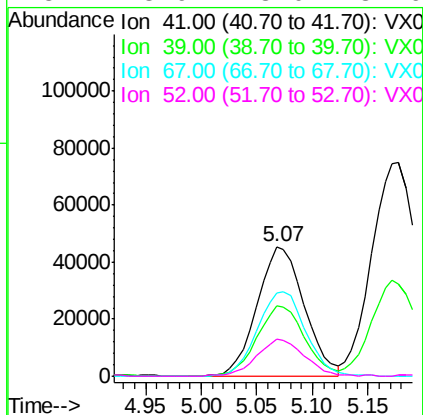
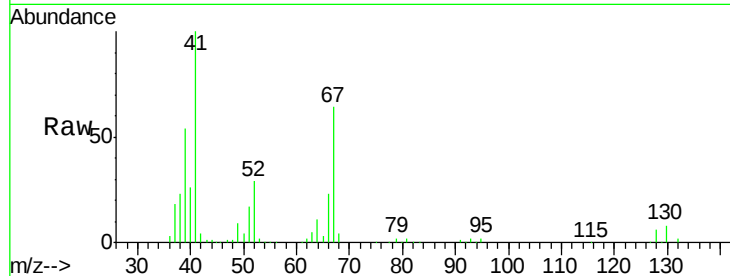




#41
Methacrylonitrile
Concen: 49.86 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

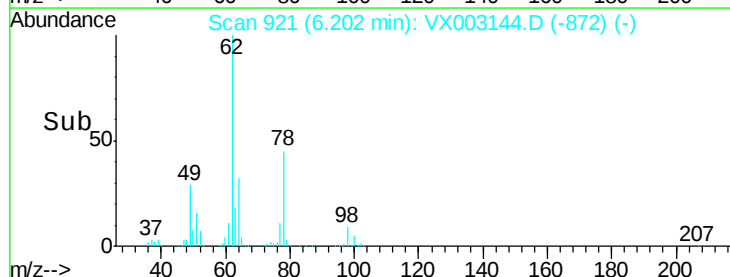
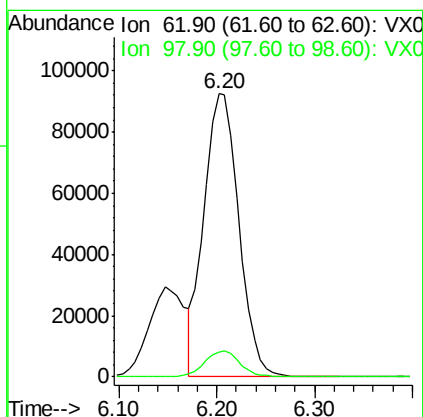
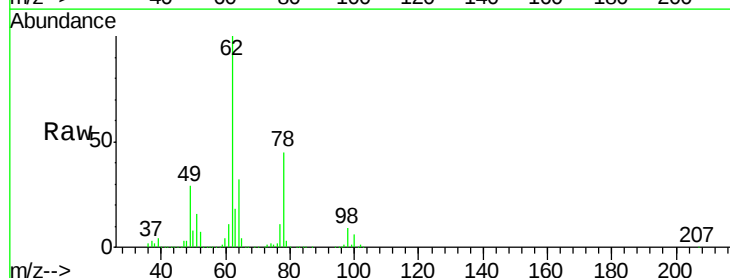
Instrument :
MSVOA_X
ClientSampled :

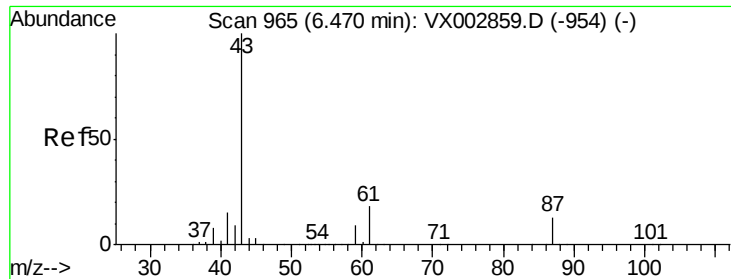
Tot Ion: 41 Resp: 133011
Ion Ratio Lower Upper
41 100
39 54.9 45.8 68.6
67 67.6 51.3 76.9
52 28.9 23.0 34.6



#42
1,2-Dichloroethane
Concen: 45.06 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 62 Resp: 227561
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.6



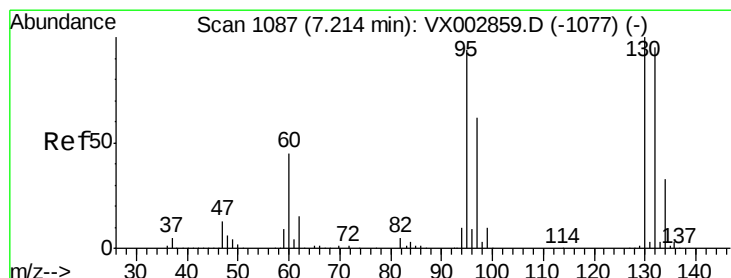
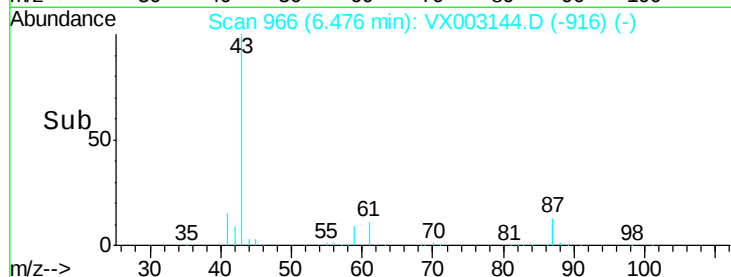
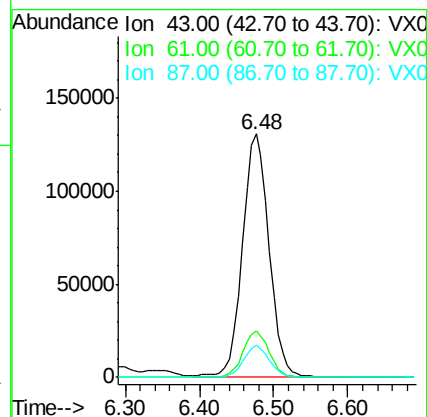
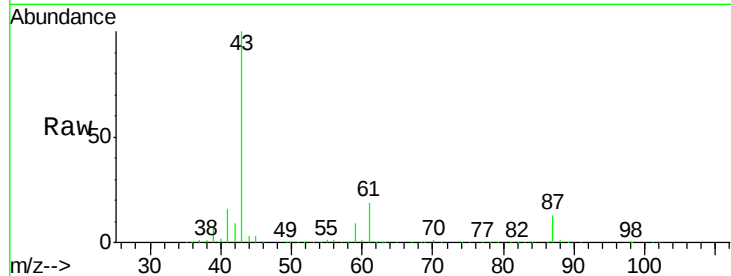


#43

Isopropyl Acetate
 Concen: 41.98 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :

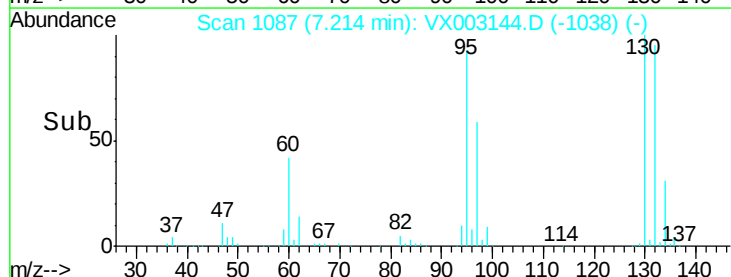
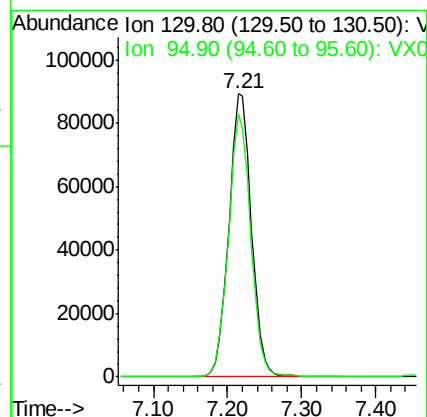
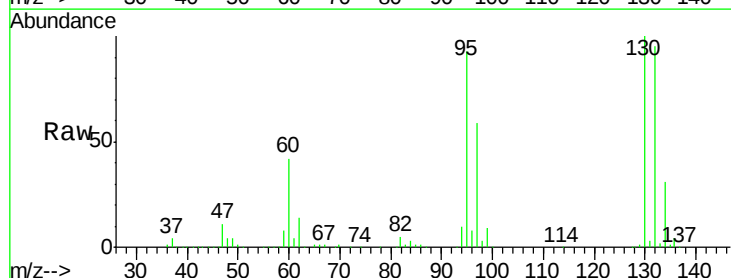
Tot Ion: 43 Resp: 326135
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.4 21.6
 87 12.8 9.5 14.3



#44

Trichloroethene
 Concen: 50.64 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion:130 Resp: 188758
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 185.4

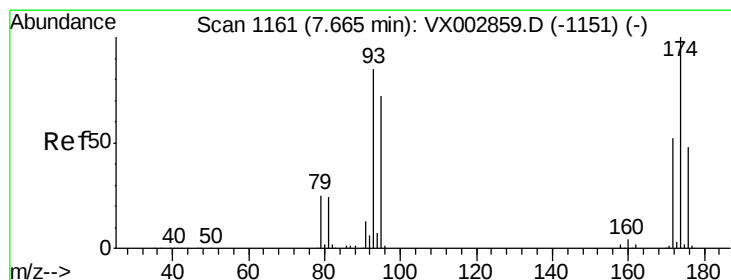
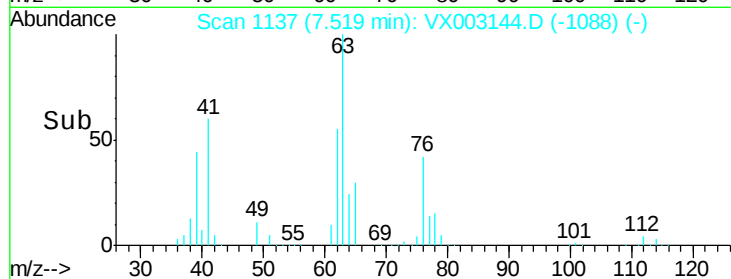
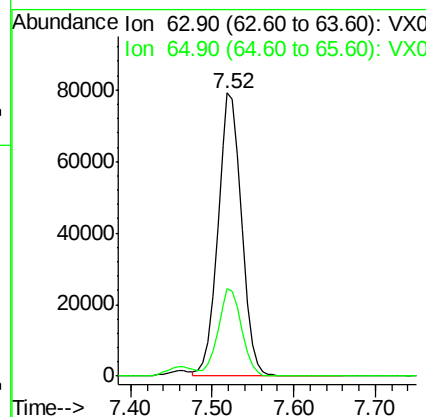
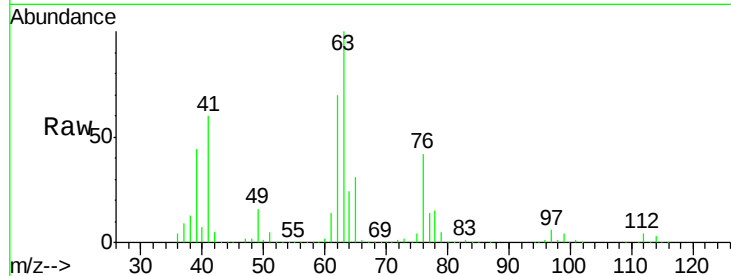




#45
 1,2-Dichloropropane
 Concen: 48.30 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

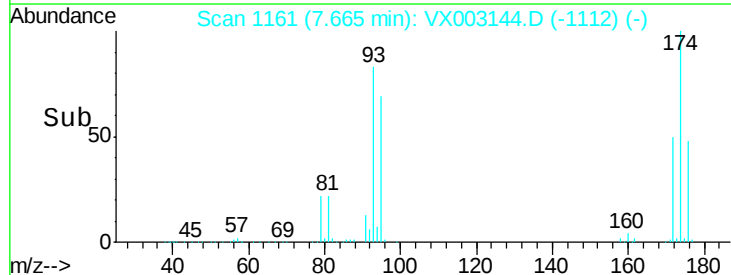
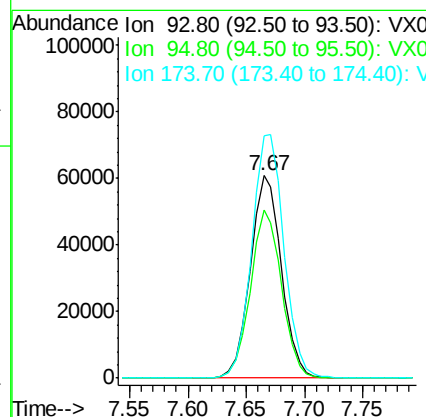
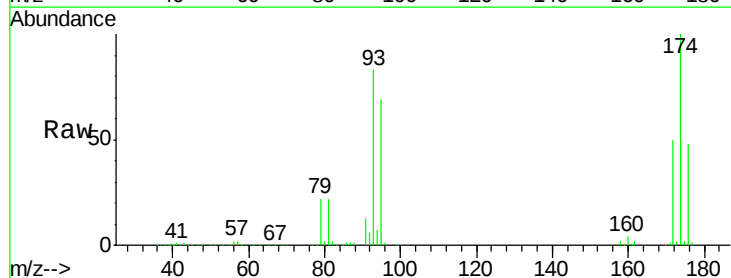
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 63 Resp: 160177
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 49.33 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 93 Resp: 113524
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 124.0 92.4 138.6





#47

Bromodichloromethane

Concen: 50.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

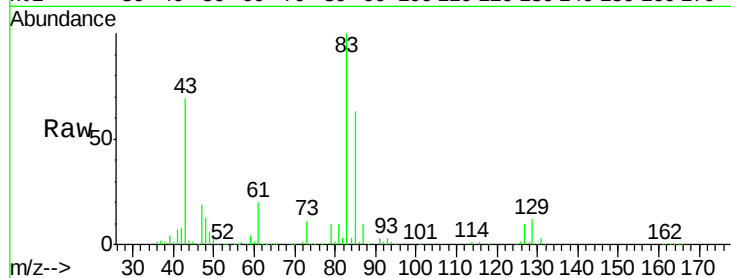
Tot Ion: 83 Resp: 215098

Ion Ratio Lower Upper

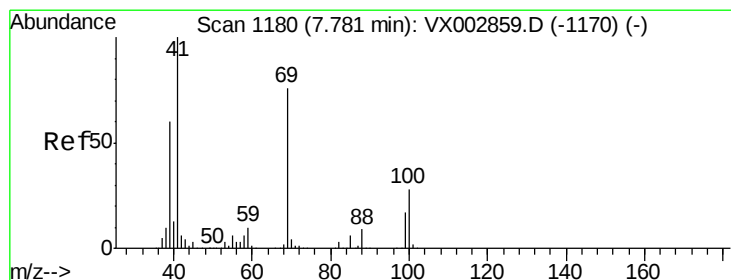
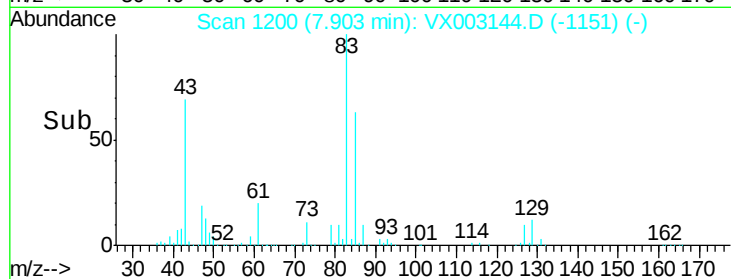
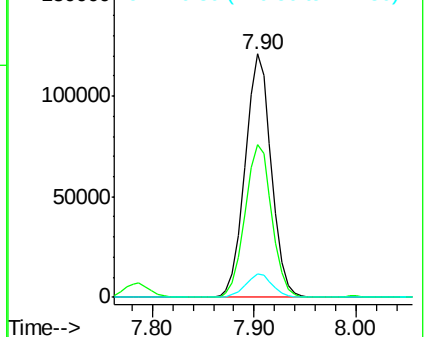
83 100

85 62.7 50.3 75.5

127 9.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.38 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

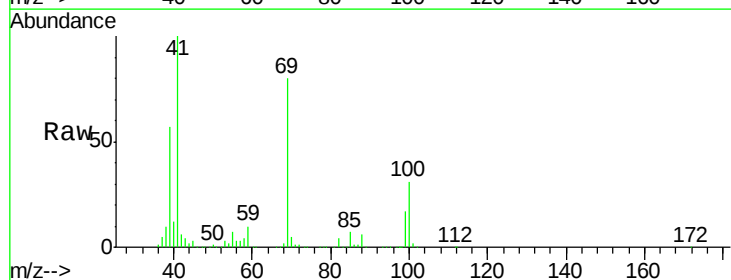
Tgt Ion: 41 Resp: 197693

Ion Ratio Lower Upper

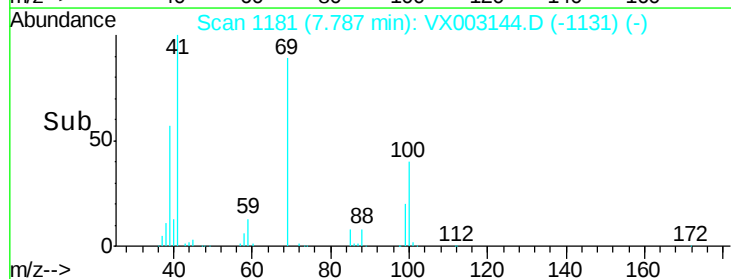
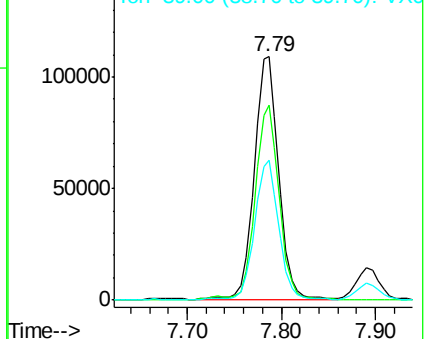
41 100

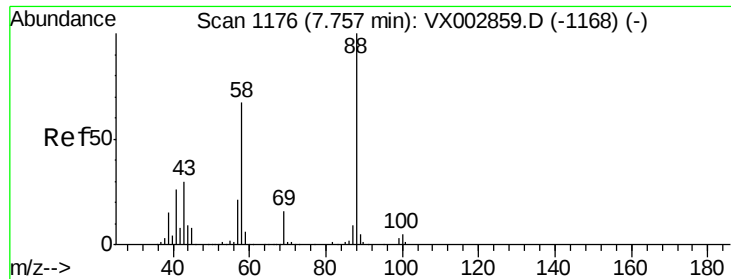
69 79.0 59.1 88.7

39 56.7 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 909.78 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :

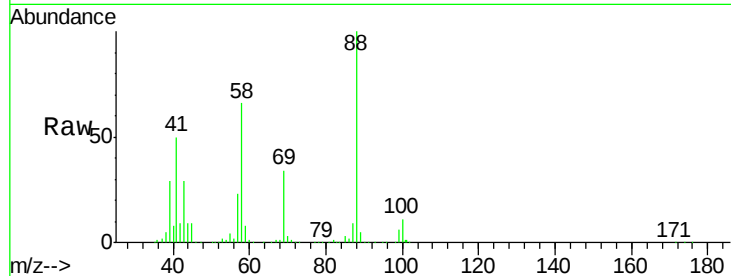
Tot Ion: 88 Resp: 70862

Ion Ratio Lower Upper

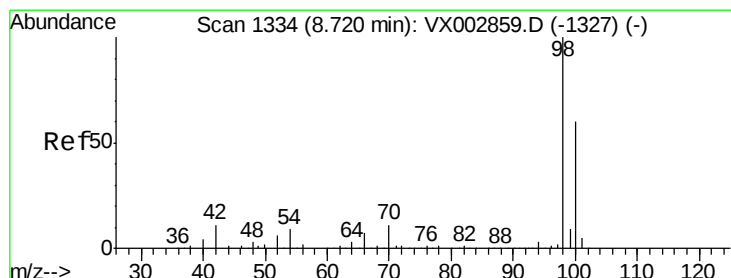
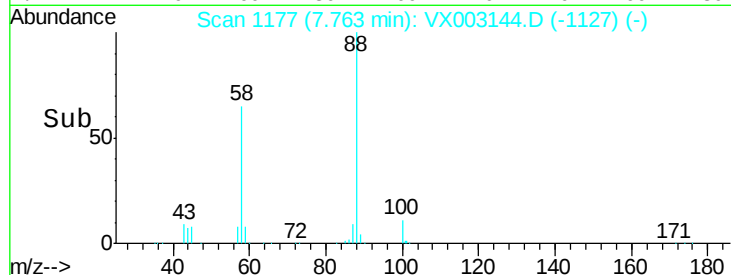
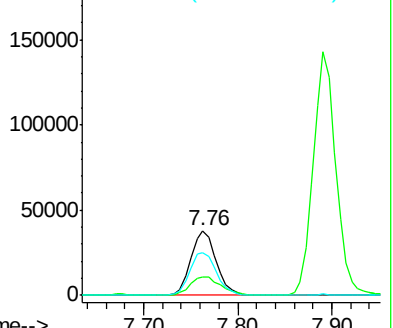
88 100

43 33.8 29.8 44.6

58 69.4 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003144.D

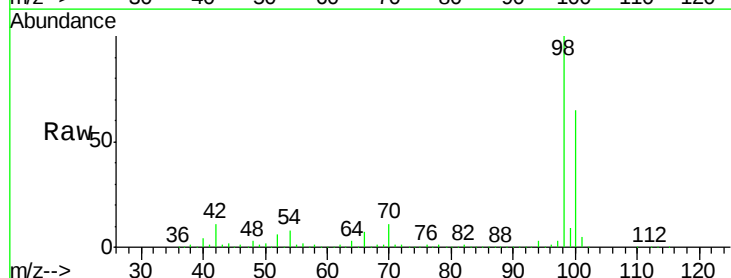
Acq: 03 Jul 2018 13:11

Tgt Ion: 98 Resp: 550231

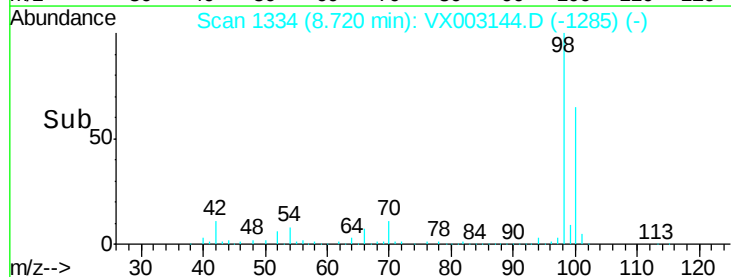
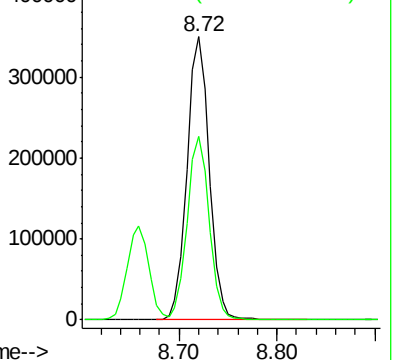
Ion Ratio Lower Upper

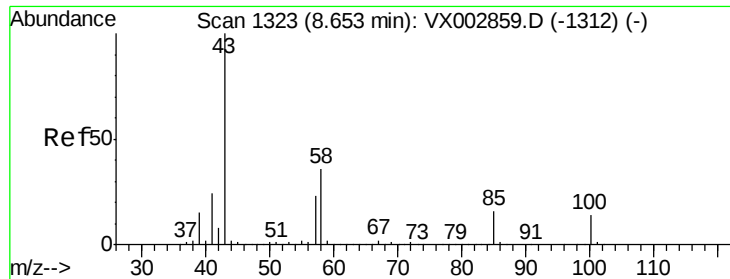
98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

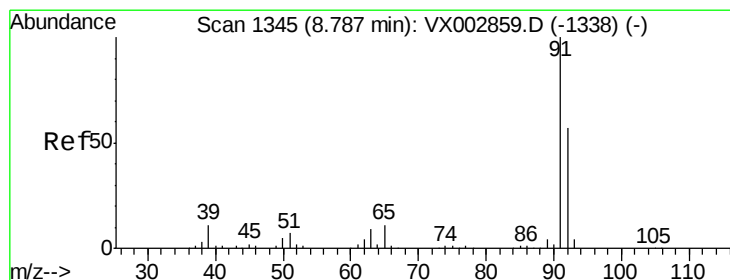
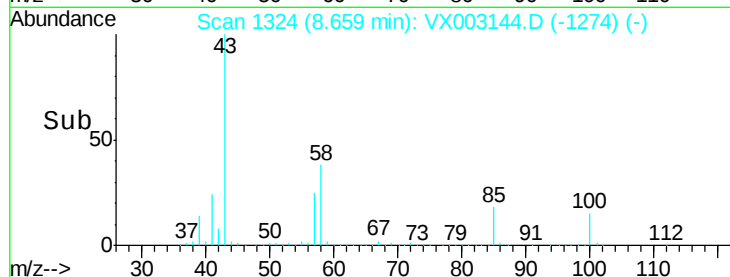
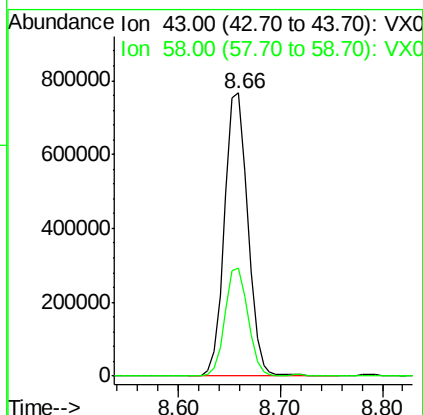
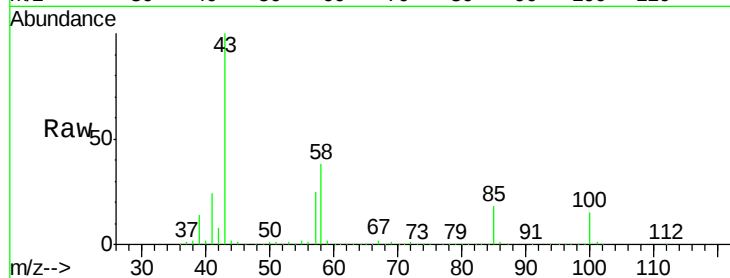




#51
4-Methyl-2-Pentanone
Concen: 250.32 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

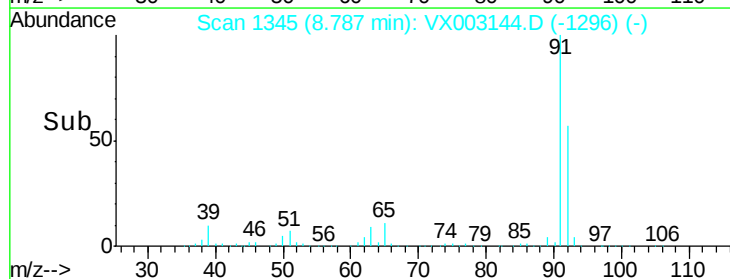
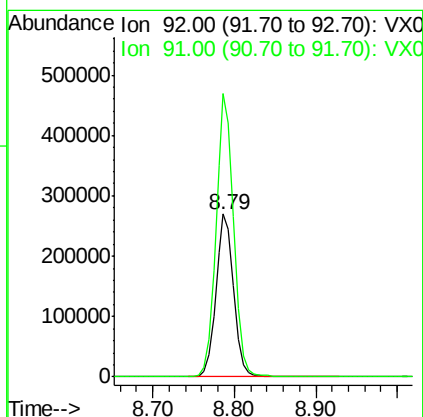
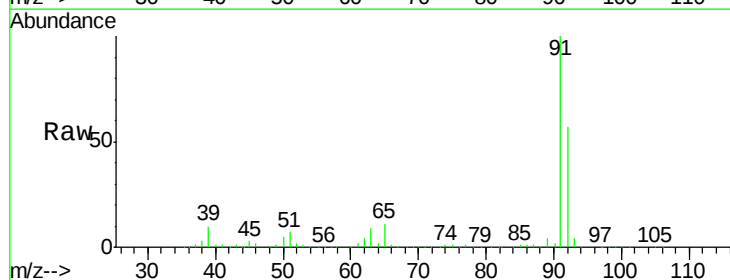
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1216842
Ion Ratio Lower Upper
43 100
58 37.5 28.6 42.8



#52
Toluene
Concen: 51.30 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 92 Resp: 410863
Ion Ratio Lower Upper
92 100
91 173.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 44.59 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

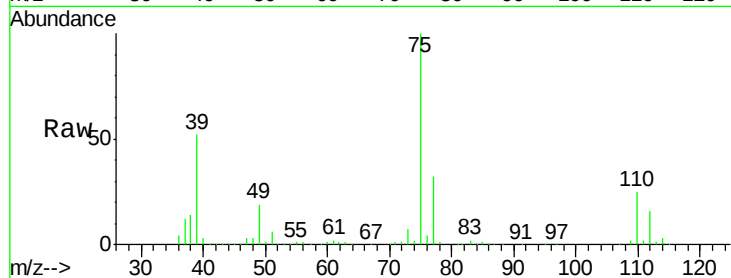
ClientSampleId :

Tot Ion: 75 Resp: 214868

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

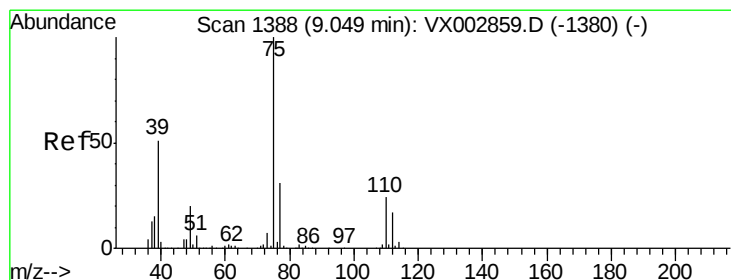
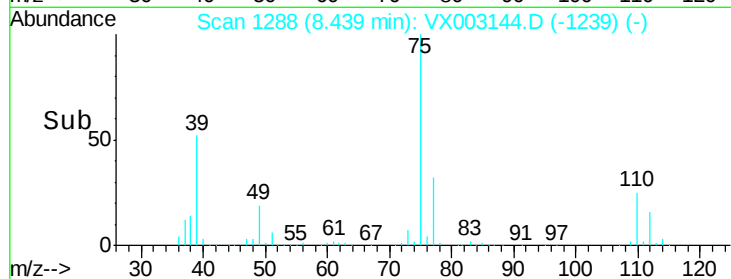
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 44.31 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

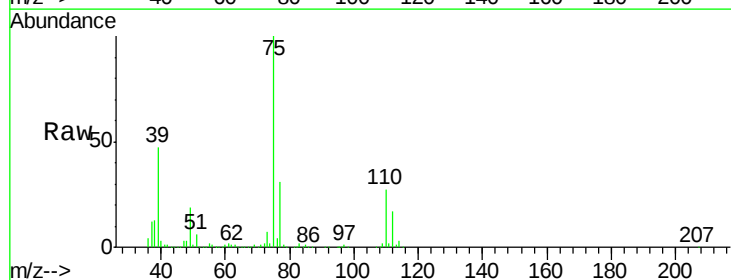
Tgt Ion: 75 Resp: 205456

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 47.3 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

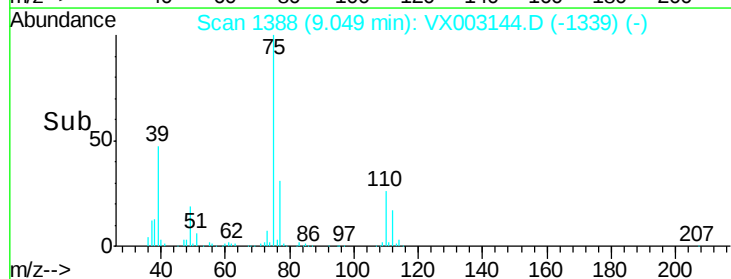
150000

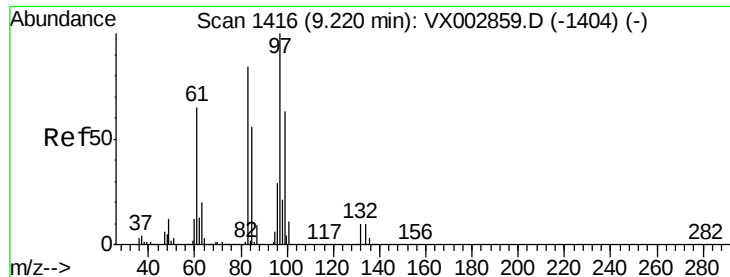
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.76 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 167064

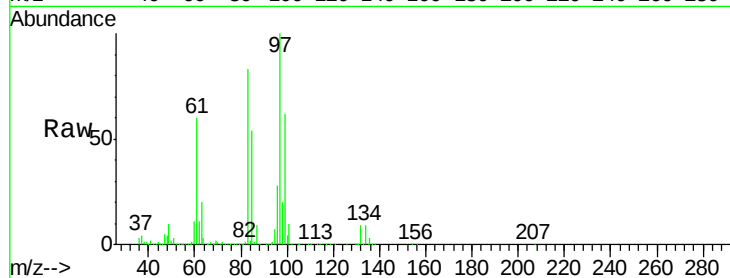
Ion Ratio Lower Upper

97 100

83 83.5 70.2 105.2

85 54.3 44.9 67.3

99 61.6 49.8 74.8

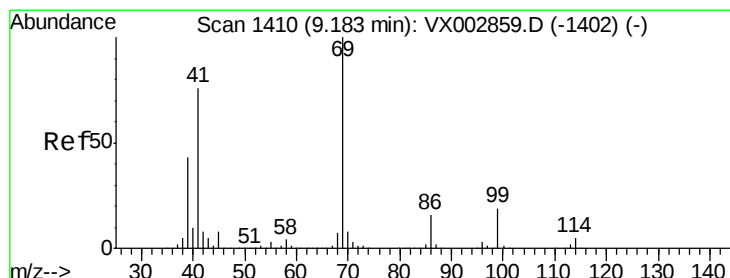
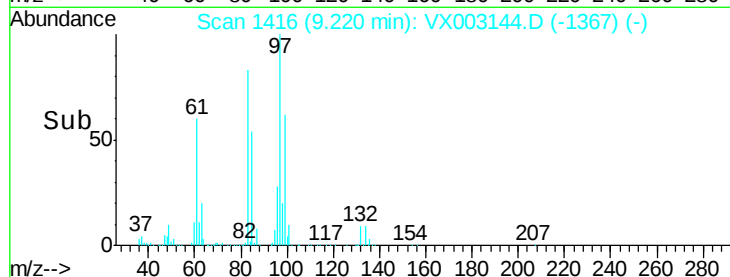
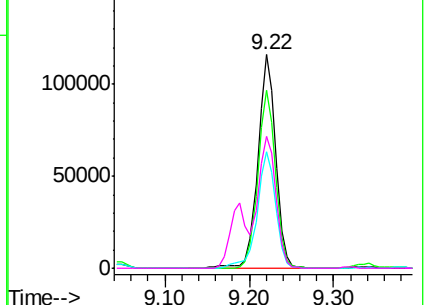


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.96 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

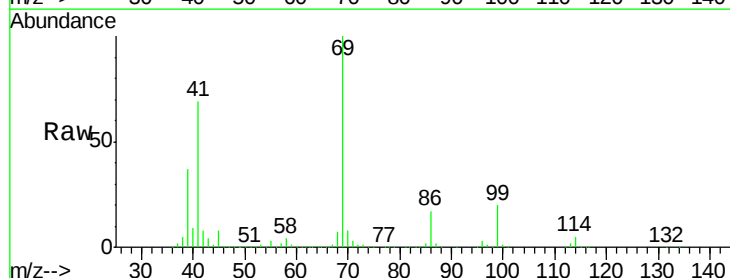
Tgt Ion: 69 Resp: 249895

Ion Ratio Lower Upper

69 100

41 71.7 60.3 90.5

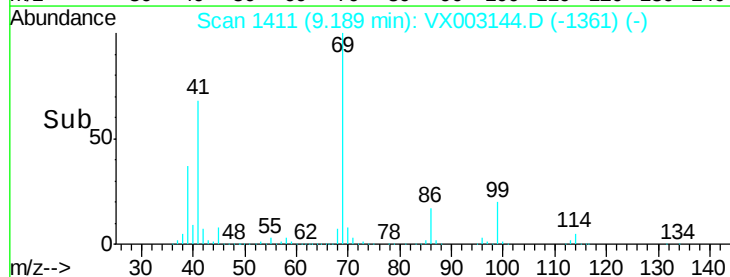
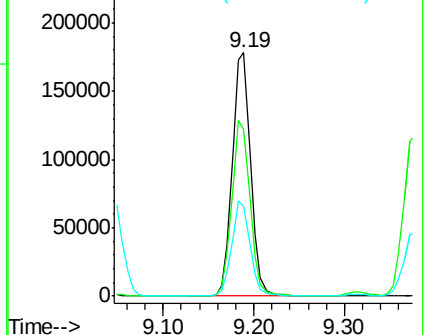
39 38.8 35.8 53.8

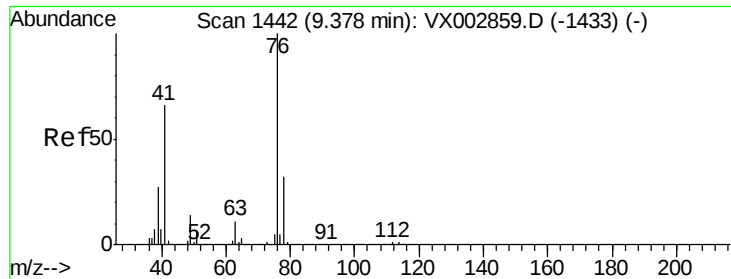


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.13 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

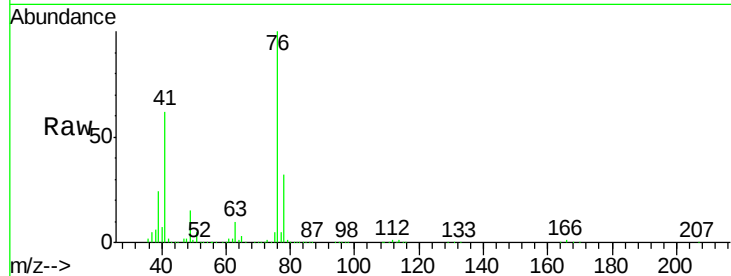
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 270979

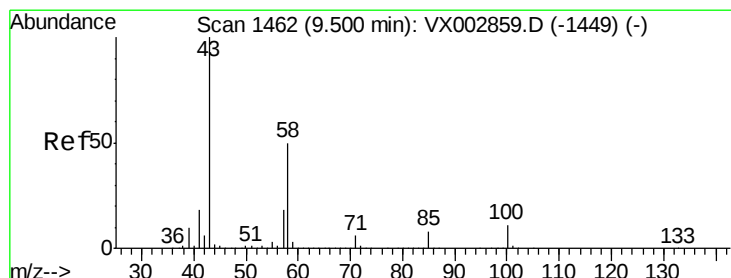
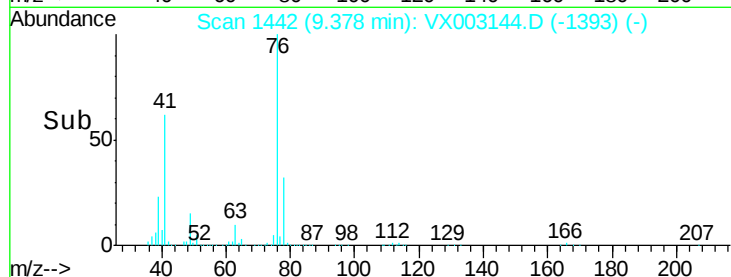
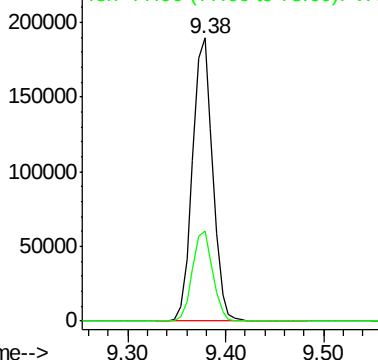
Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 257.58 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003144.D

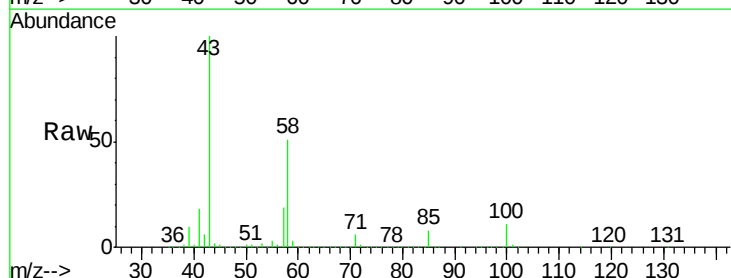
Acq: 03 Jul 2018 13:11

Tgt Ion: 43 Resp: 951628

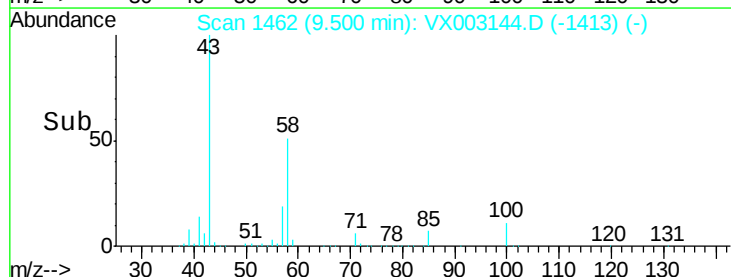
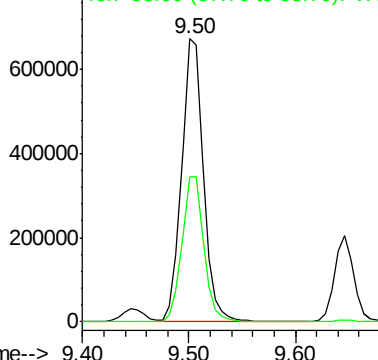
Ion Ratio Lower Upper

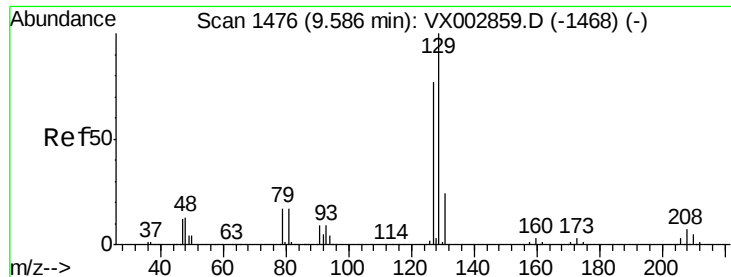
43 100

58 52.0 24.6 73.6



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





#60

Dibromochloromethane

Concen: 52.69 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

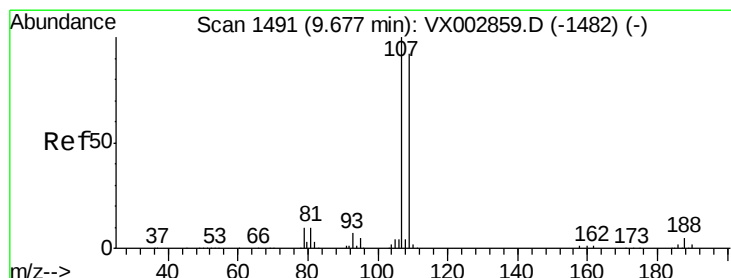
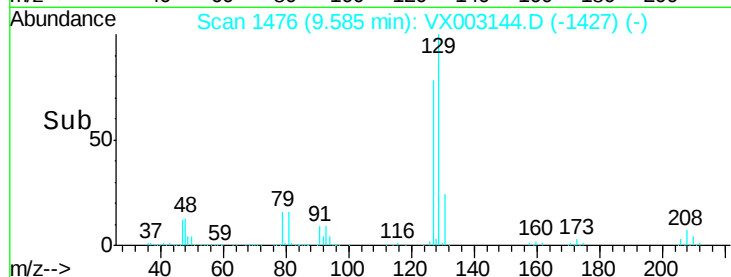
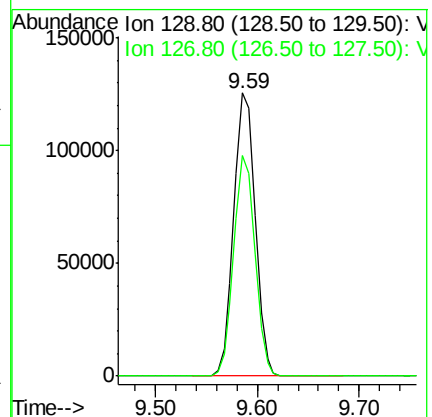
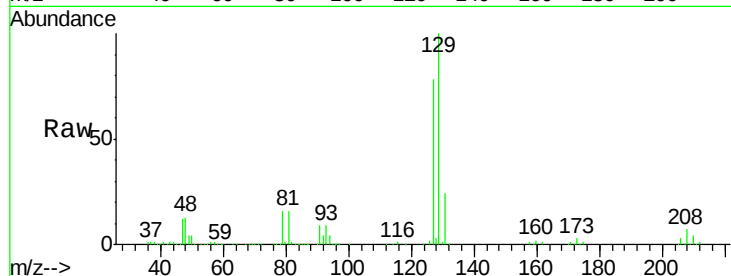
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 182540

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.3



#61

1,2-Dibromoethane

Concen: 51.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003144.D

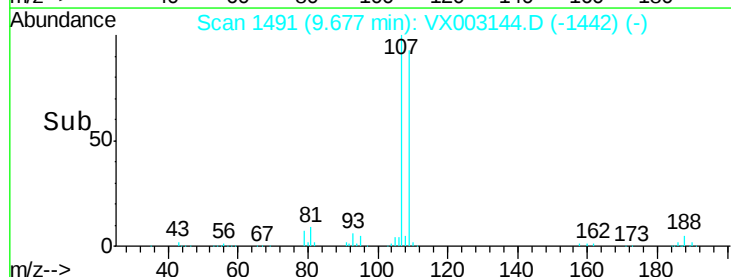
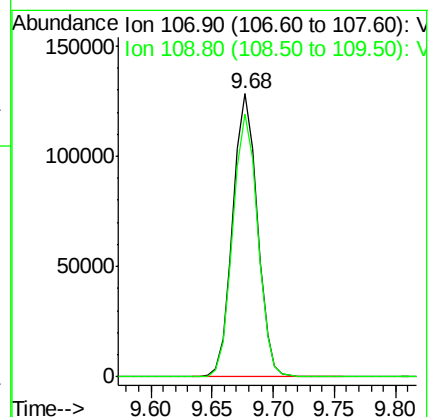
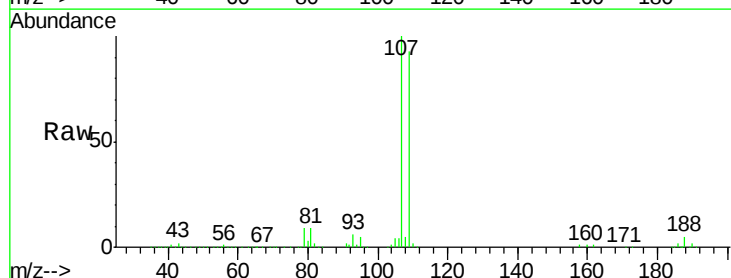
Acq: 03 Jul 2018 13:11

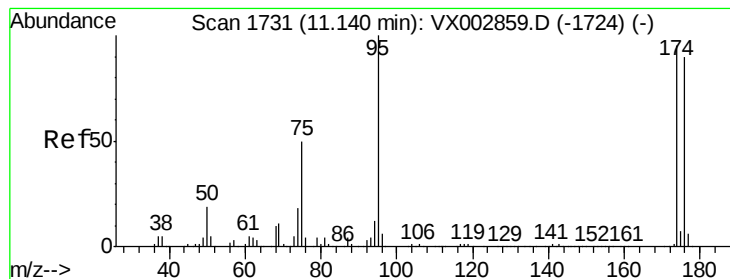
Tgt Ion:107 Resp: 177922

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9





#62

4-Bromofluorobenzene

Concen: 48.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

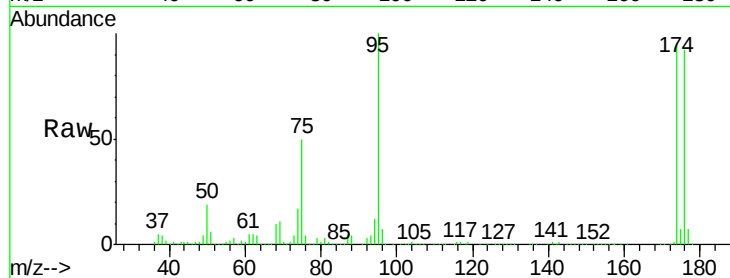
Tot Ion: 95 Resp: 213067

Ion Ratio Lower Upper

95 100

174 98.9 0.0 187.4

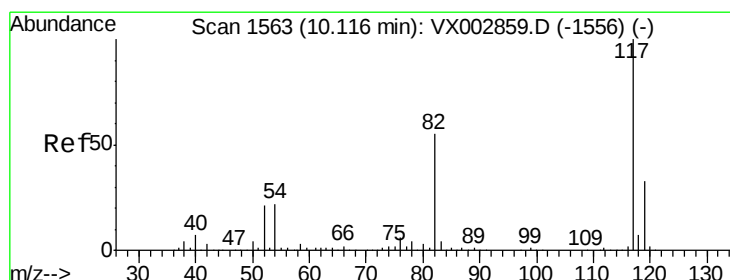
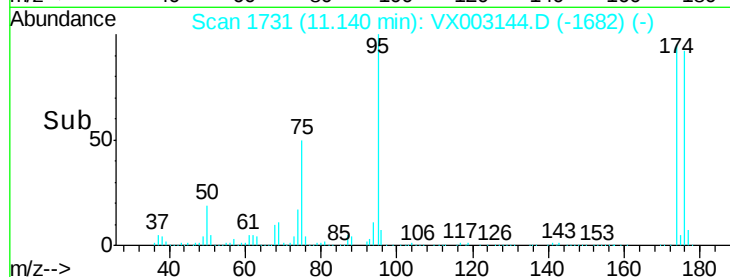
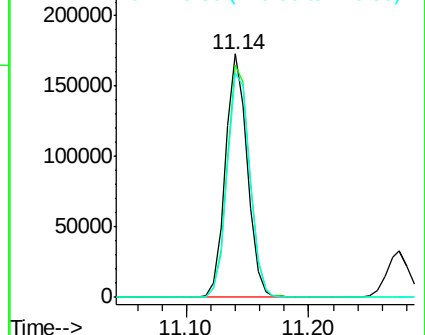
176 96.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

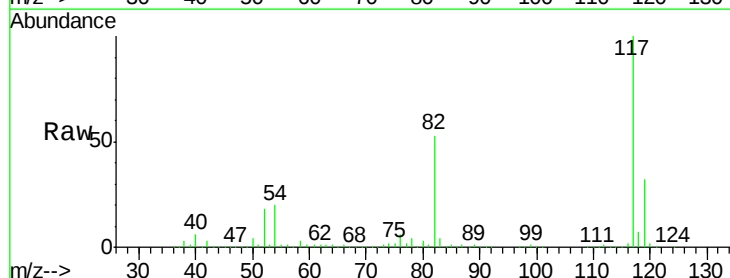
Tgt Ion: 117 Resp: 372596

Ion Ratio Lower Upper

117 100

82 52.7 45.0 67.4

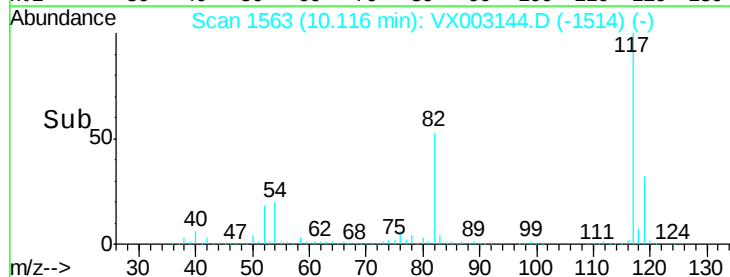
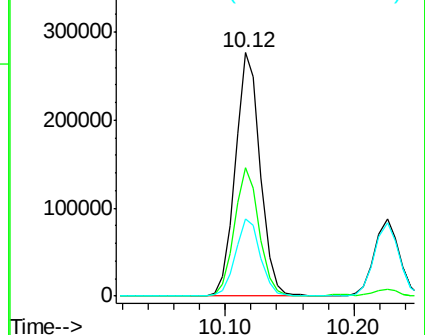
119 31.6 25.8 38.6

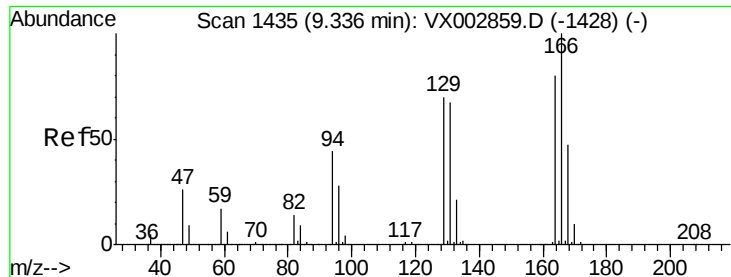


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

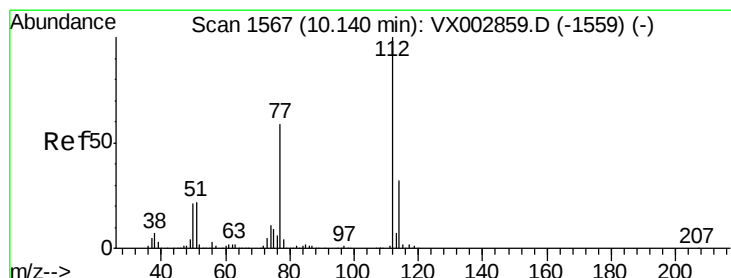
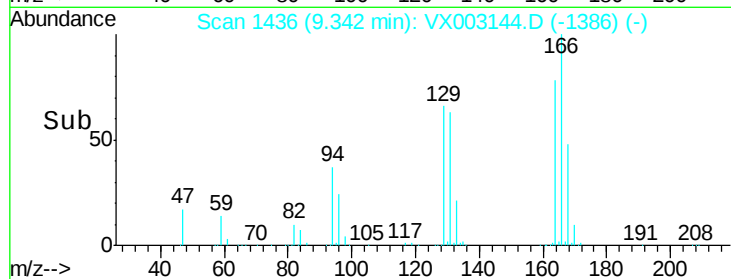
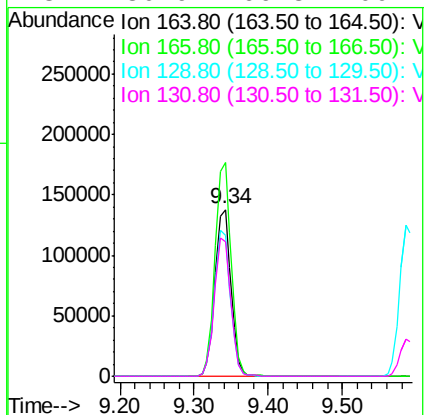
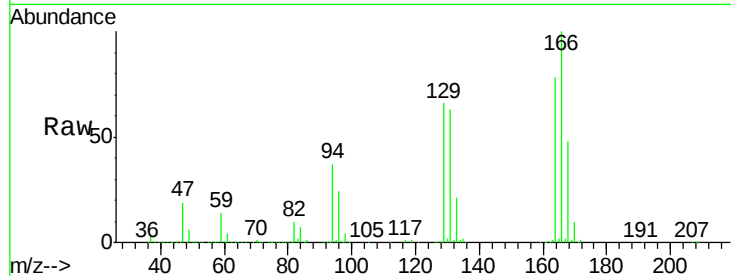




#64
Tetrachloroethene
Concen: 49.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

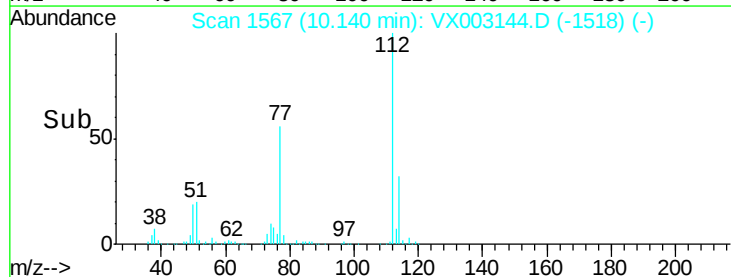
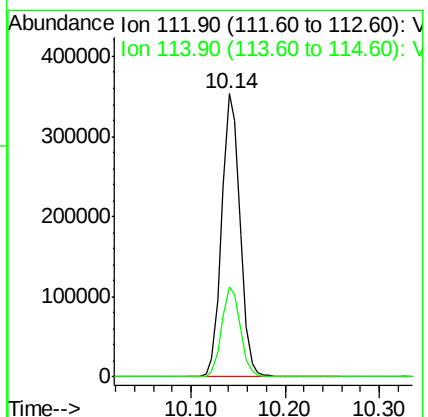
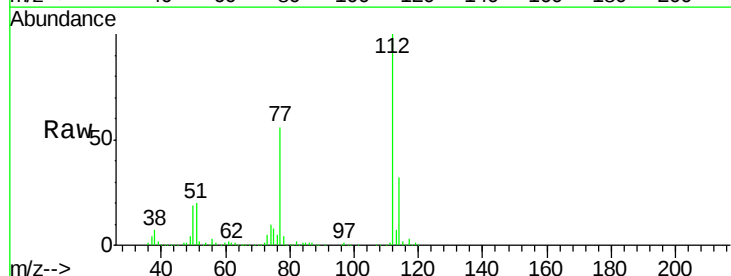
Instrument :
MSVOA_X
ClientSampled :

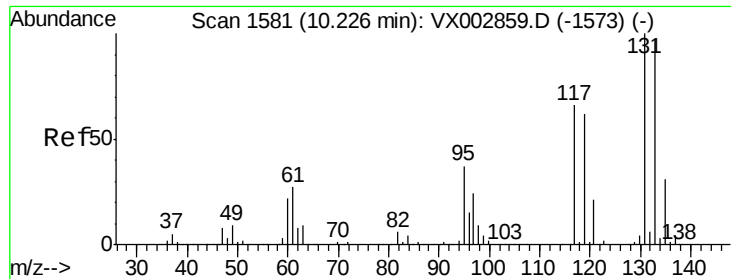
Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.9	154.3
129	84.3	68.6	102.8
131	80.9	66.8	100.2



#65
Chlorobenzene
Concen: 50.44 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 51.21 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

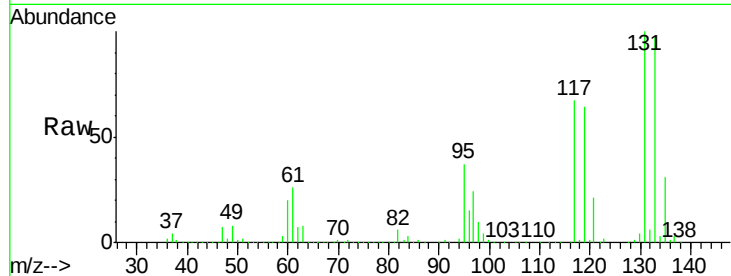
Tot Ion:131 Resp: 176055

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.6

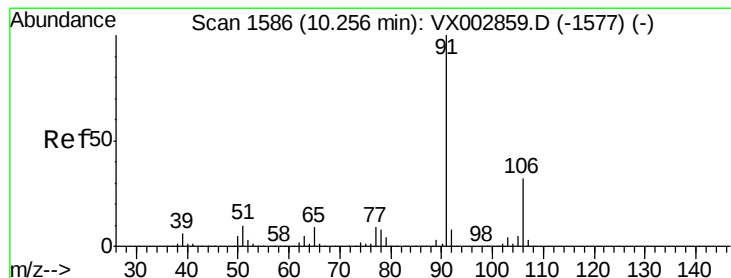
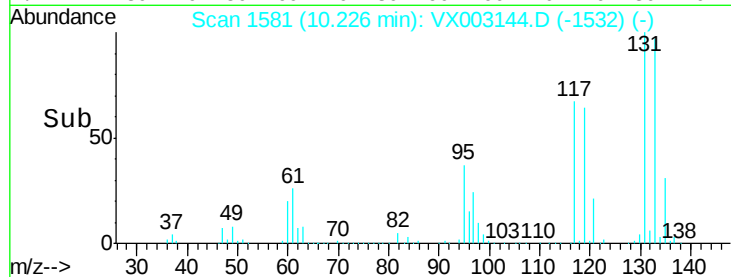
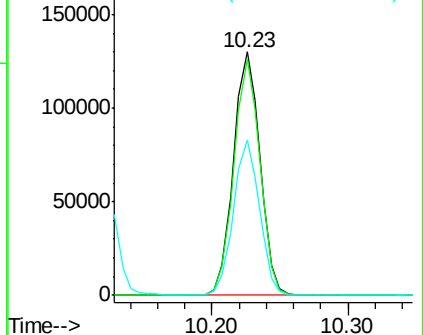
119 62.7 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 60.02 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003144.D

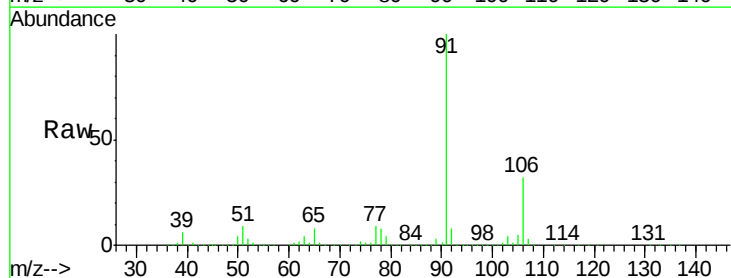
Acq: 03 Jul 2018 13:11

Tgt Ion: 91 Resp: 938401

Ion Ratio Lower Upper

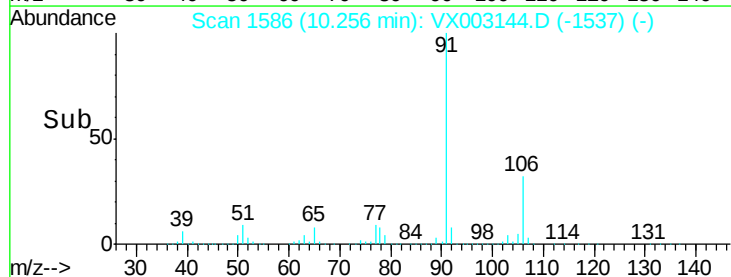
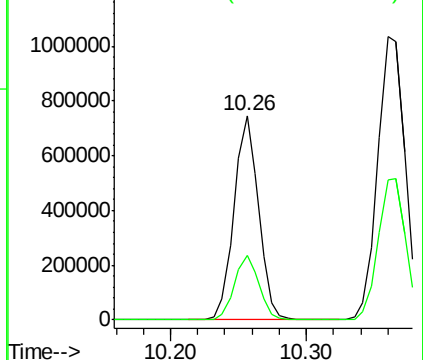
91 100

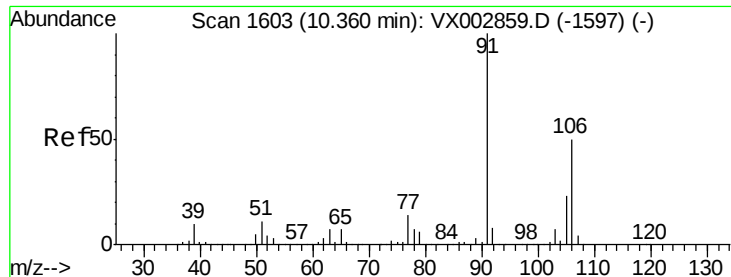
106 31.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

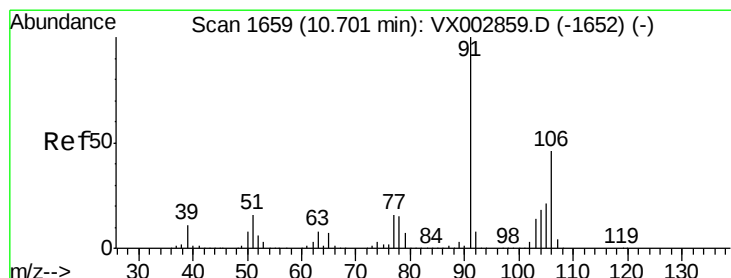
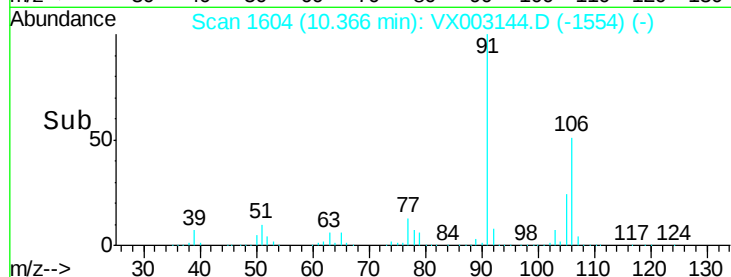
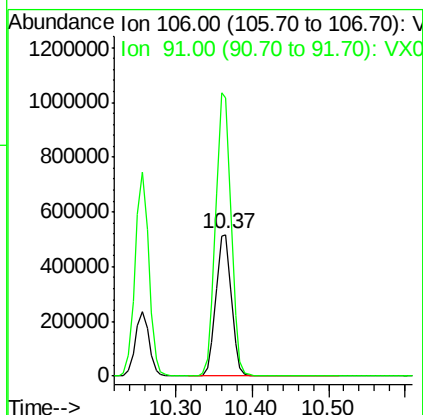
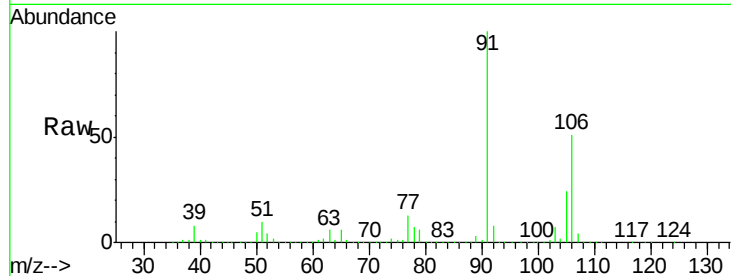




#68
m/p-Xvlenes
Concen: 120.75 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

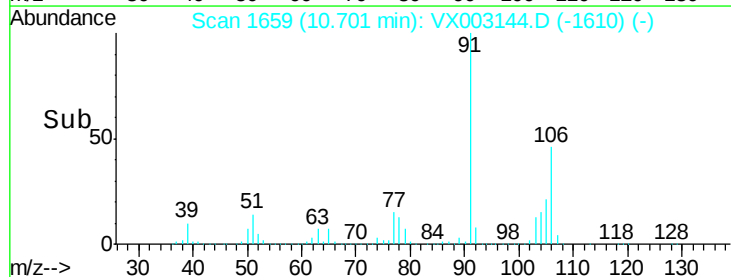
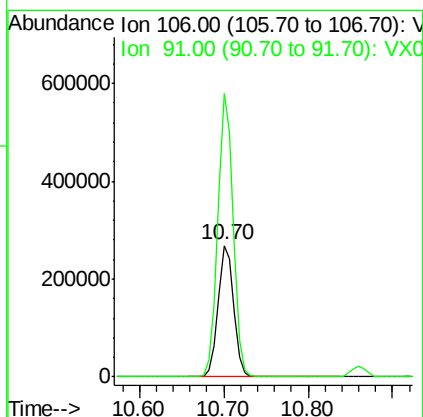
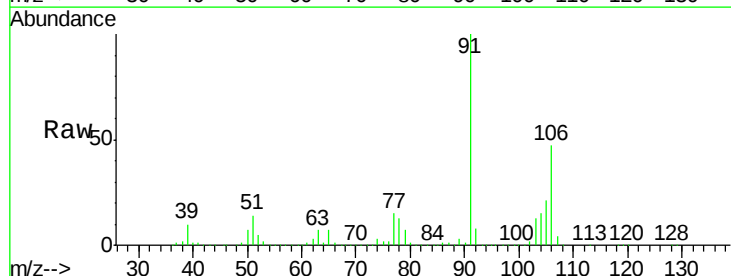
Instrument :
MSVOA_X
ClientSampleId :

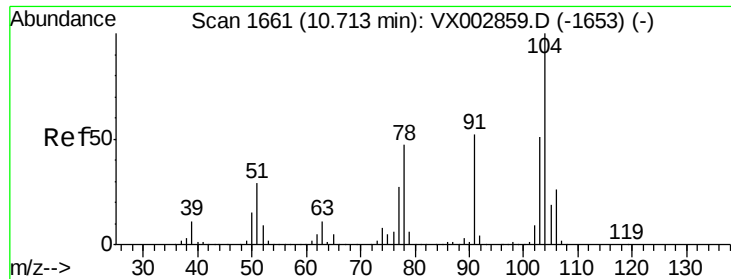
Tot Ion:106 Resp: 727521
Ion Ratio Lower Upper
106 100
91 200.0 163.4 245.2



#69
o-Xylene
Concen: 59.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion:106 Resp: 346799
Ion Ratio Lower Upper
106 100
91 211.9 108.2 324.6

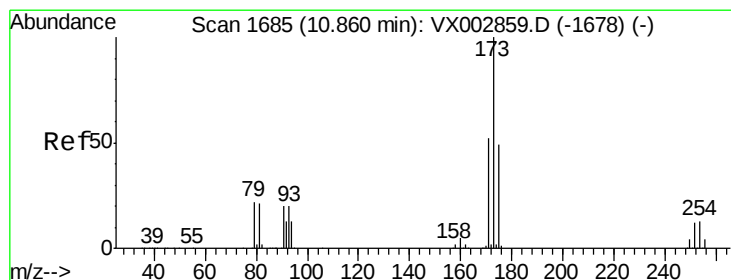
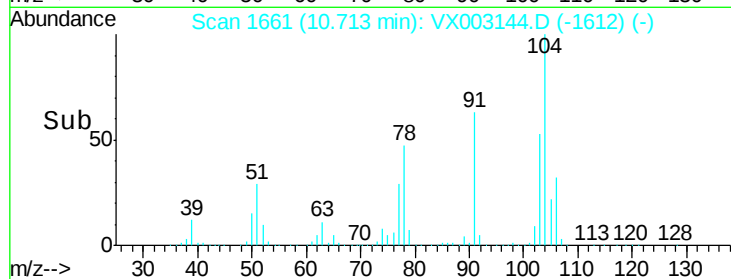
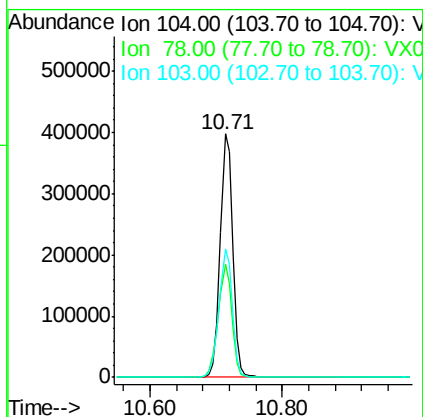
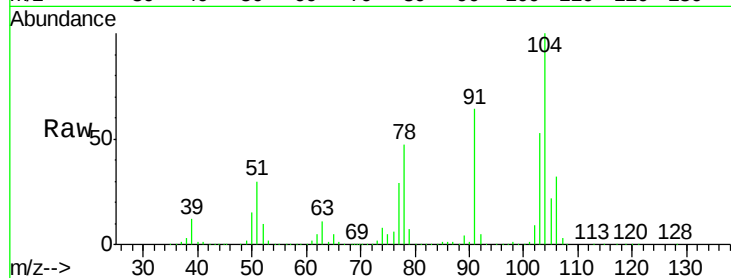




#70
Stvrene
Concen: 54.15 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

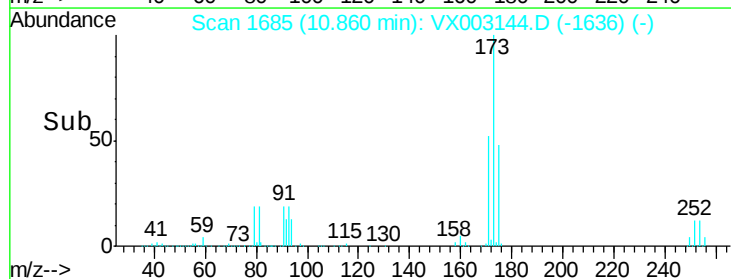
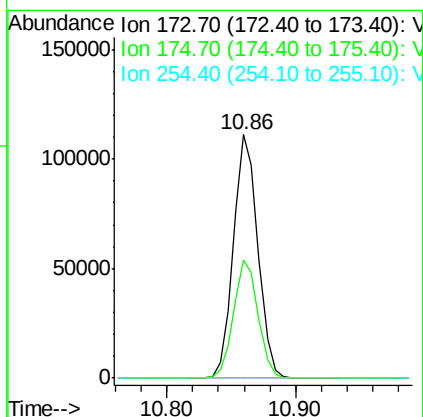
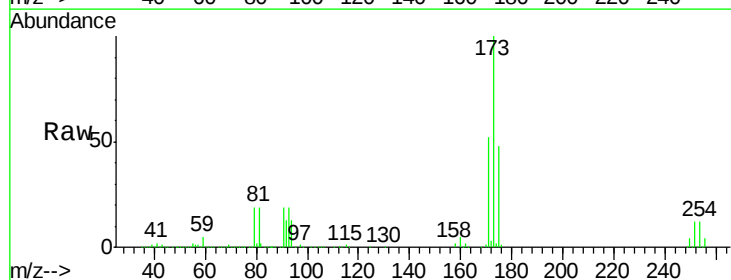
Instrument :
MSVOA_X
ClientSampled :

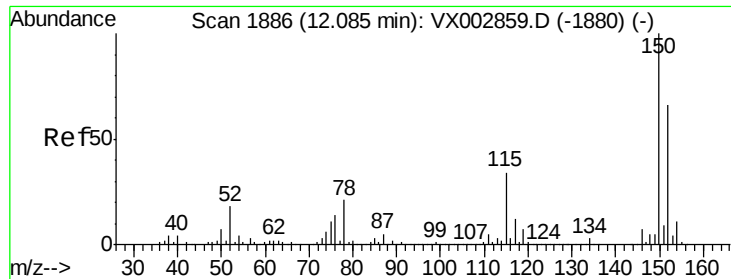
Tot Ion:104 Resp: 516172
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 56.2 44.2 66.4



#71
Bromoform
Concen: 47.45 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion:173 Resp: 146734
Ion Ratio Lower Upper
173 100
175 48.7 24.7 74.1
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

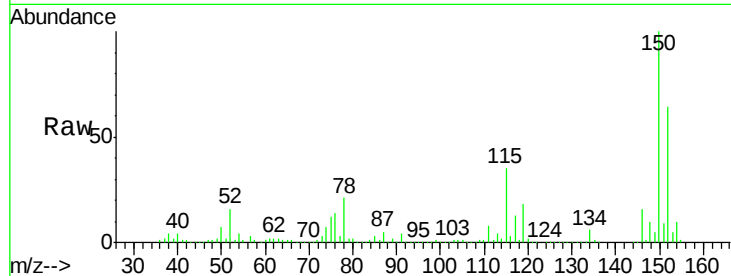
Tot Ion:152 Resp: 235043

Ion Ratio Lower Upper

152 100

115 78.4 40.1 120.2

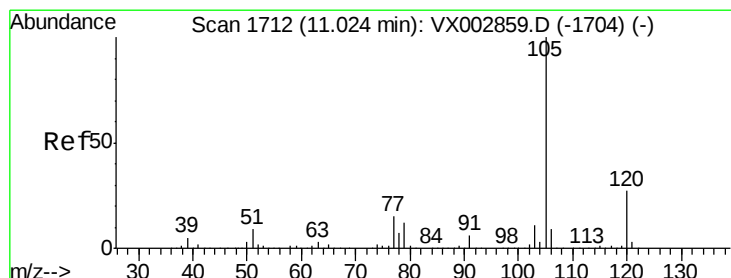
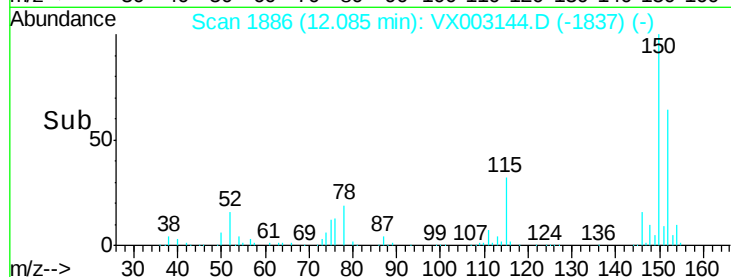
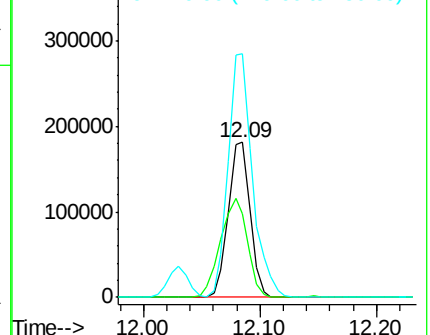
150 174.9 0.0 347.2



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: 57.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003144.D

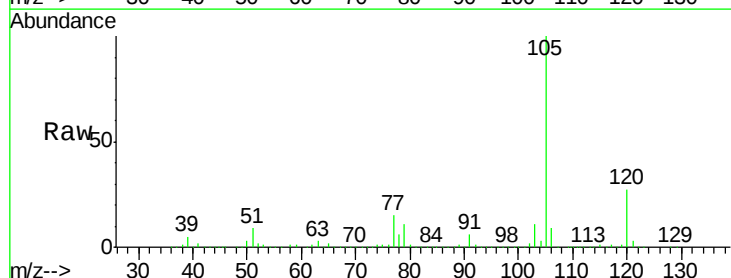
Acq: 03 Jul 2018 13:11

Tgt Ion:105 Resp: 916825

Ion Ratio Lower Upper

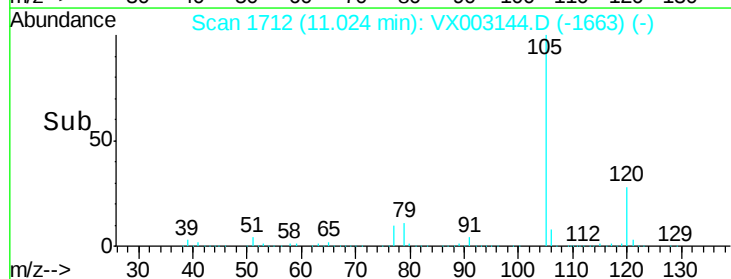
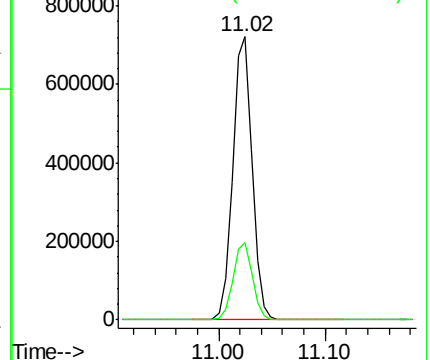
105 100

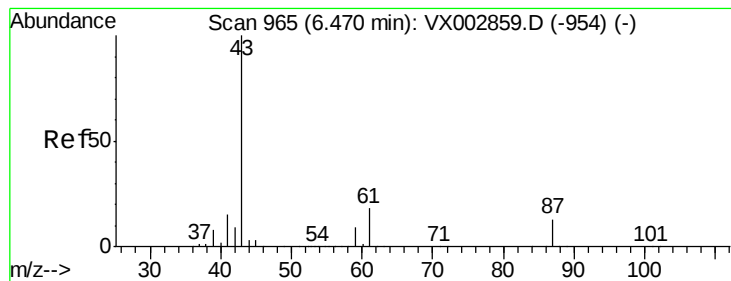
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.15 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 326135

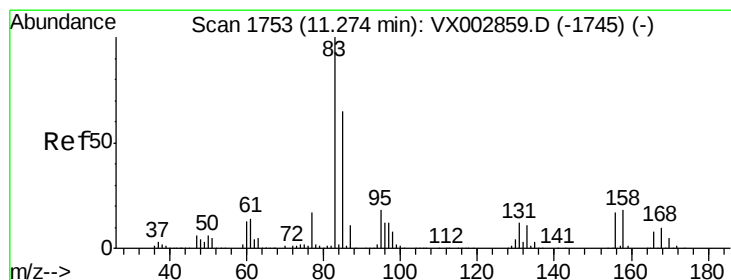
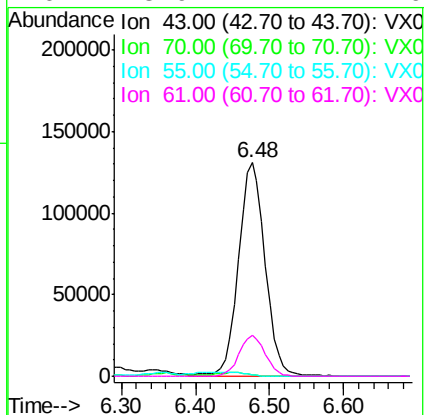
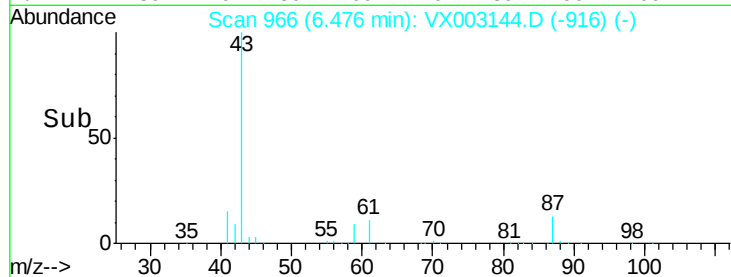
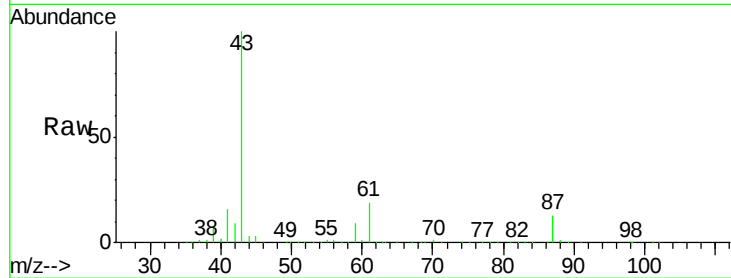
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.9	14.4	21.6

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: 50.10 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

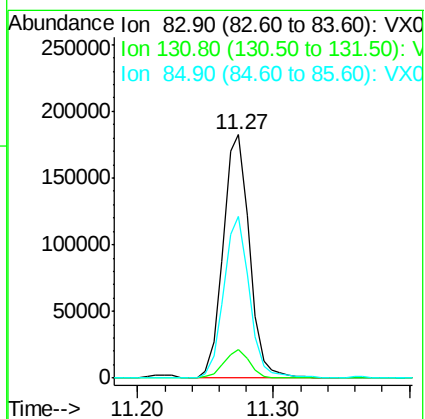
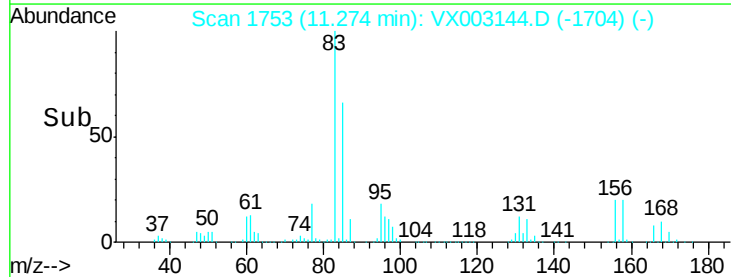
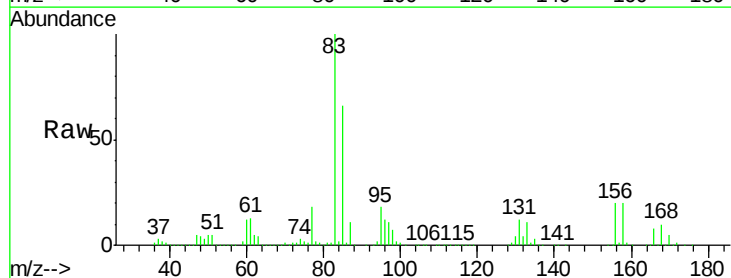
Tgt Ion: 83 Resp: 244022

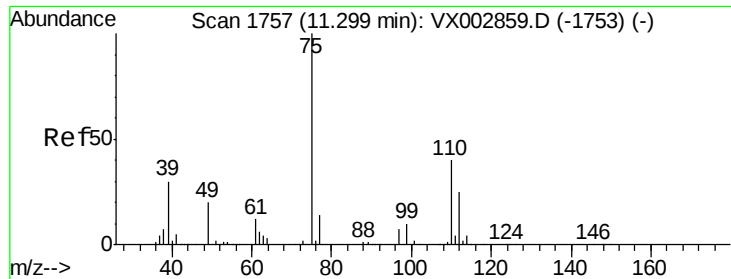
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.6	16.8
85	65.1	32.4	97.2

Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

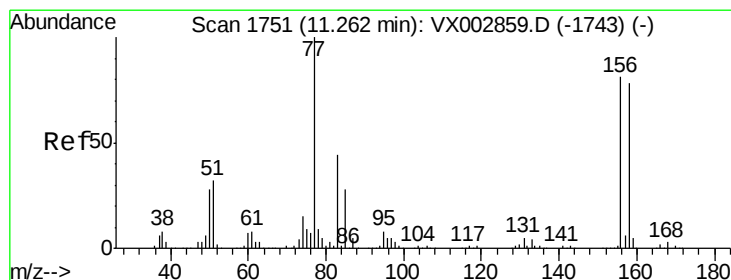
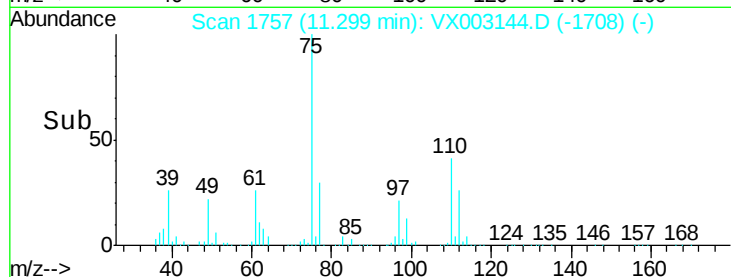
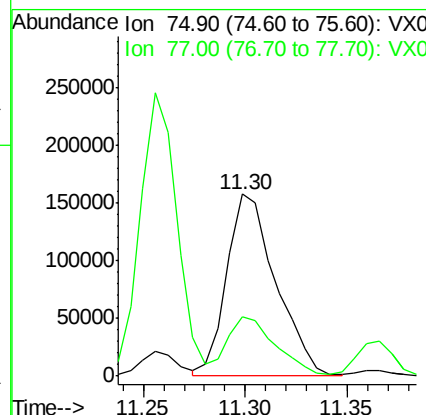
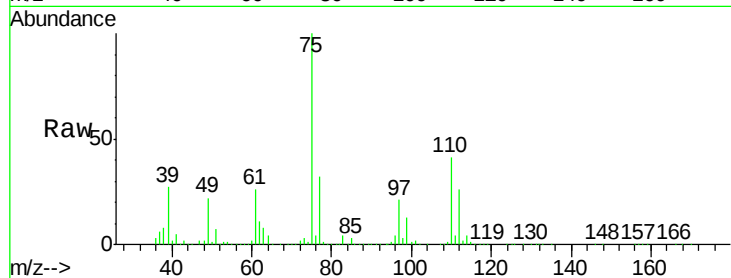




#76
 1,2,3-Trichloropropane
 Concen: 61.68 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

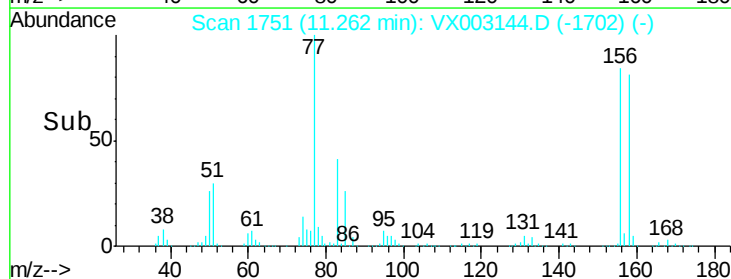
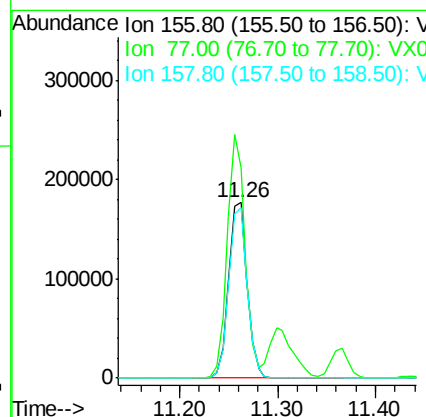
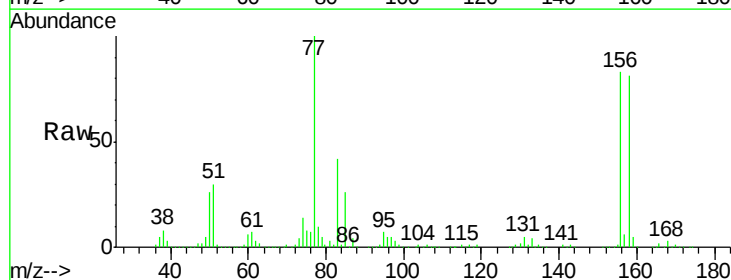
Instrument :
 MSVOA_X
 ClientSampleId :

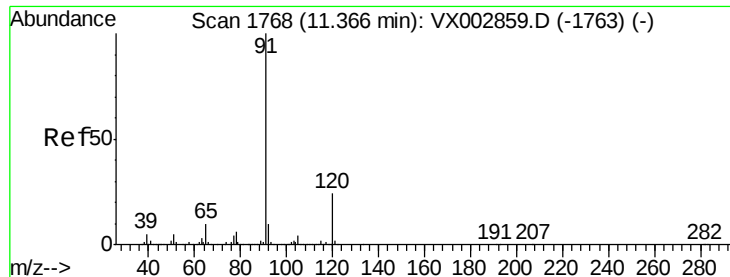
Tot Ion: 75 Resp: 262589
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.8 68.3



#77
 Bromobenzene
 Concen: 51.59 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 156 Resp: 232310
 Ion Ratio Lower Upper
 156 100
 77 132.8 71.4 214.2
 158 97.2 48.9 146.6





#78

n-propylbenzene

Concen: 52.60 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

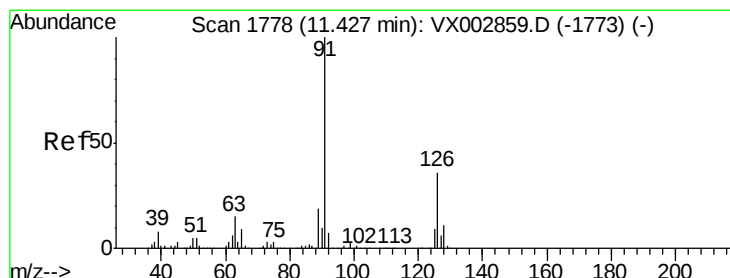
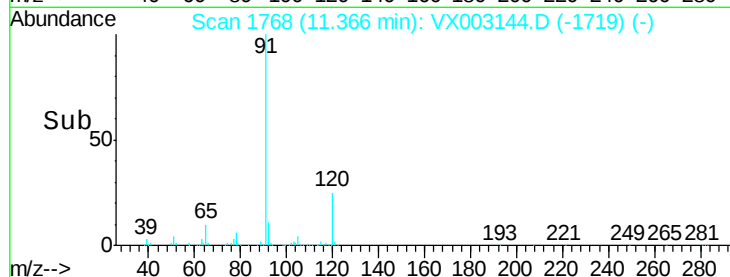
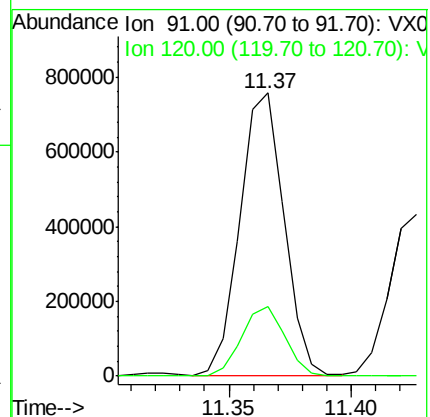
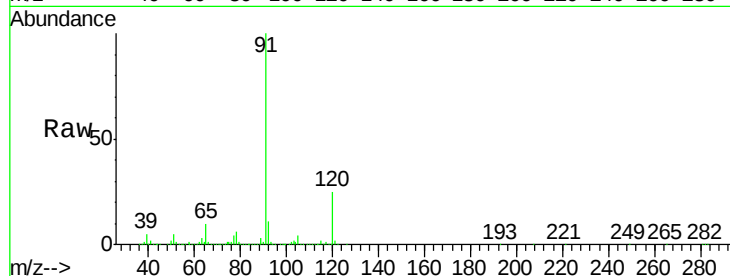
ClientSampled :

Tot Ion: 91 Resp: 946729

Ion Ratio Lower Upper

91 100

120 24.4 11.8 35.4



#79

2-Chlorotoluene

Concen: 50.59 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003144.D

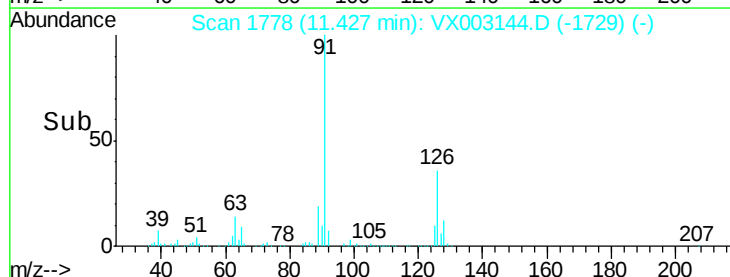
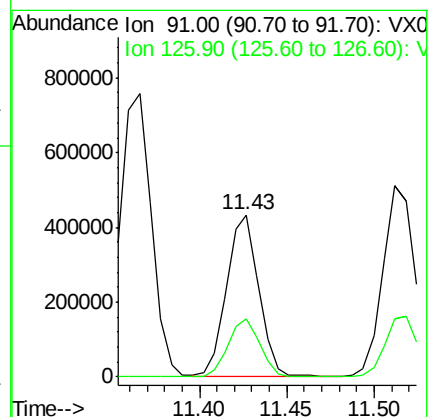
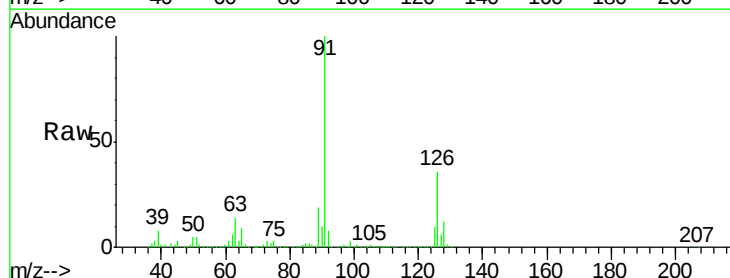
Acq: 03 Jul 2018 13:11

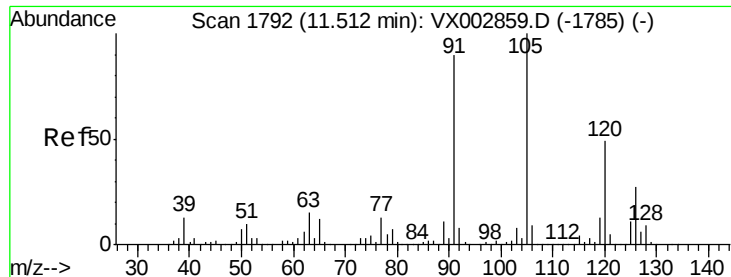
Tgt Ion: 91 Resp: 551221

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1

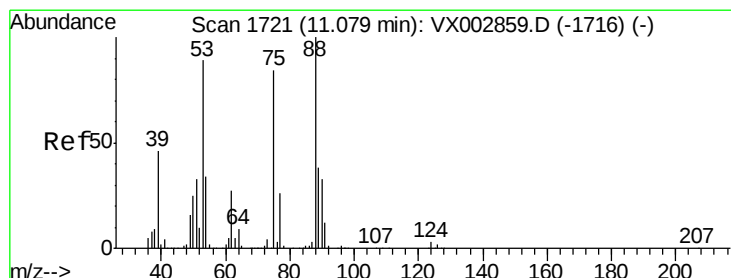
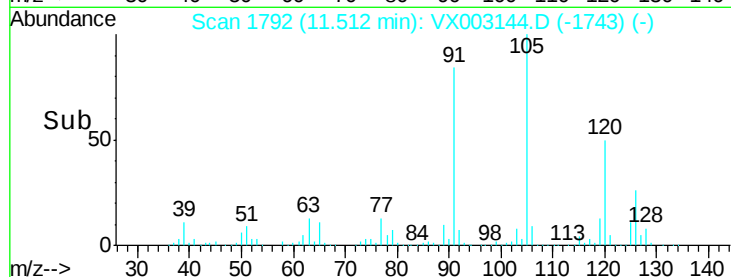
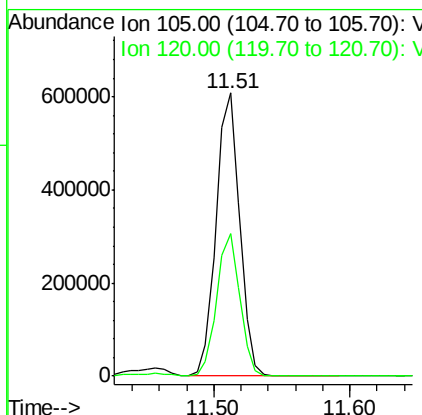
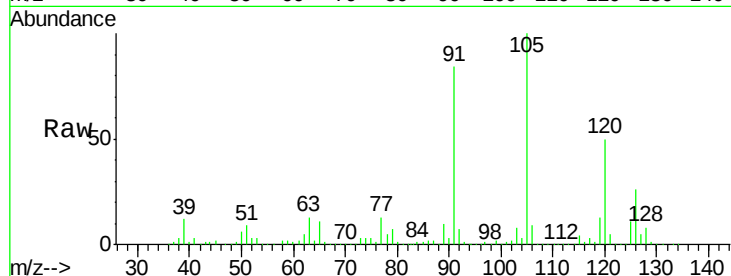




#80
 1,3,5-Trimethylbenzene
 Concen: 54.93 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

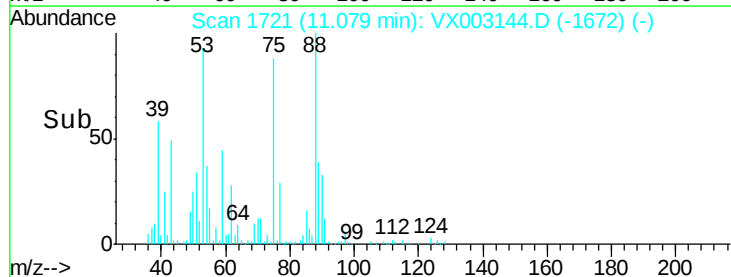
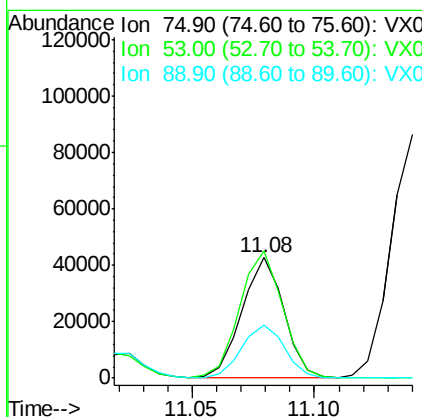
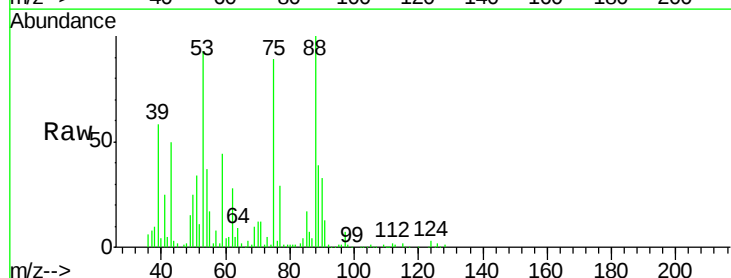
Instrument :
 MSVOA_X
 ClientSampleId :

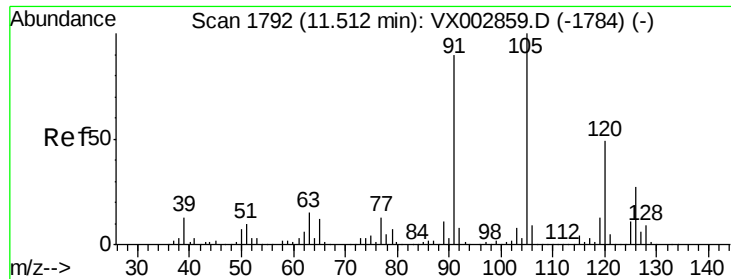
Tot Ion:105 Resp: 731527
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.66 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 75 Resp: 50809
 Ion Ratio Lower Upper
 75 100
 53 108.4 86.8 130.2
 89 46.1 38.2 57.2

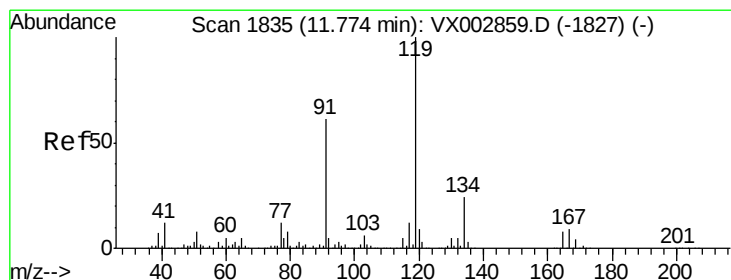
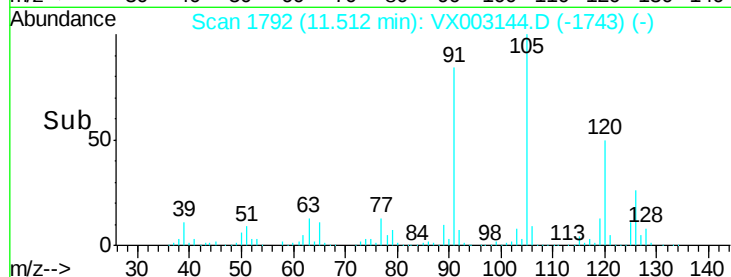
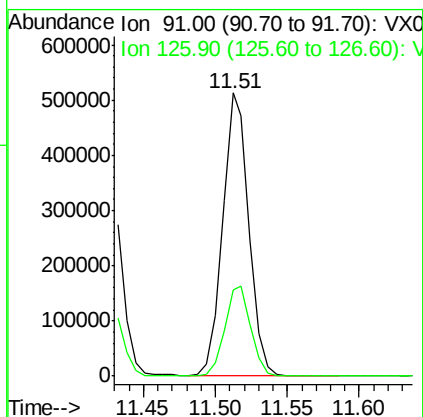
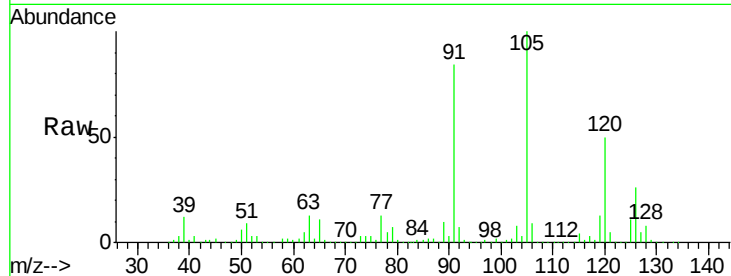




#82
4-Chlorotoluene
Concen: 50.55 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

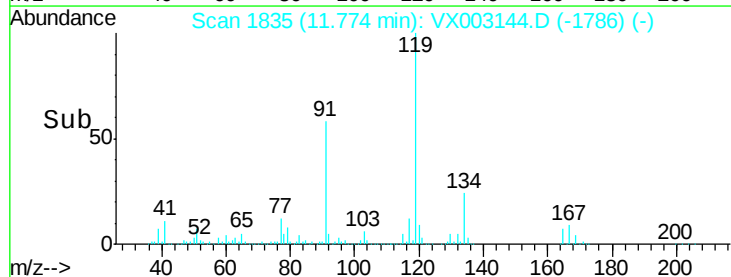
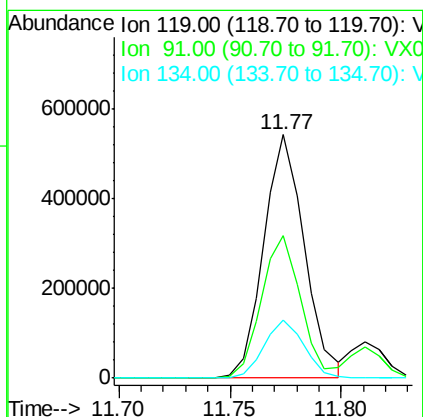
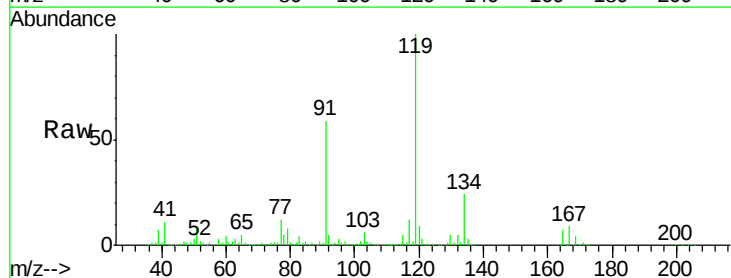
Instrument :
MSVOA_X
ClientSampleId :

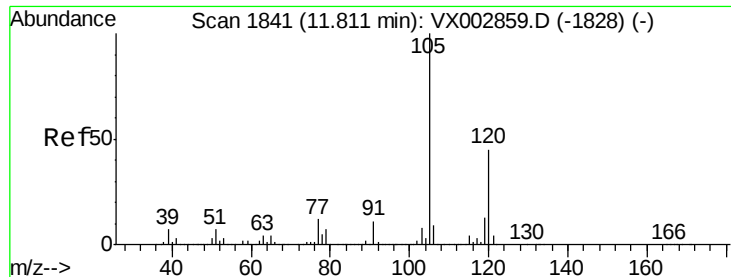
Tot Ion: 91 Resp: 652123
Ion Ratio Lower Upper
91 100
126 31.7 15.4 46.4



#83
tert-Butylbenzene
Concen: 52.37 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion: 119 Resp: 687356
Ion Ratio Lower Upper
119 100
91 57.5 30.3 90.9
134 23.4 11.7 35.1

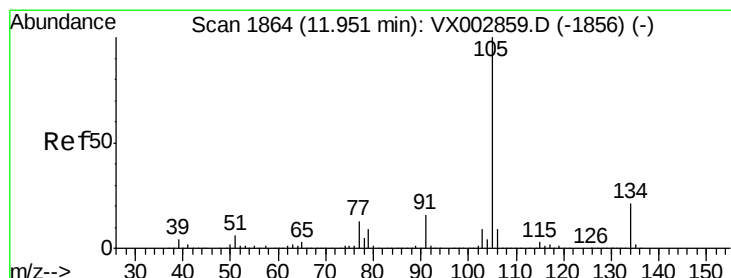
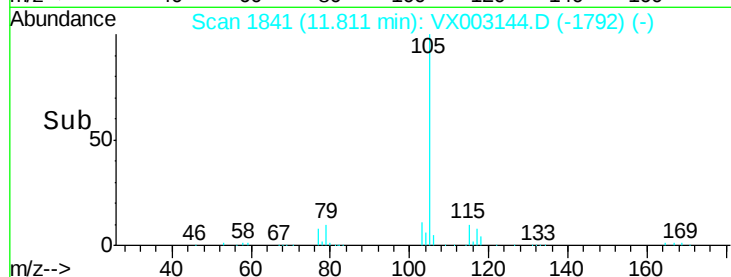
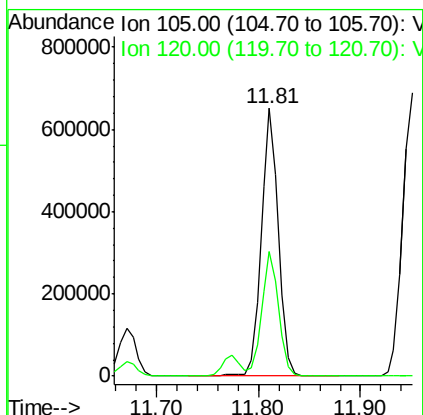
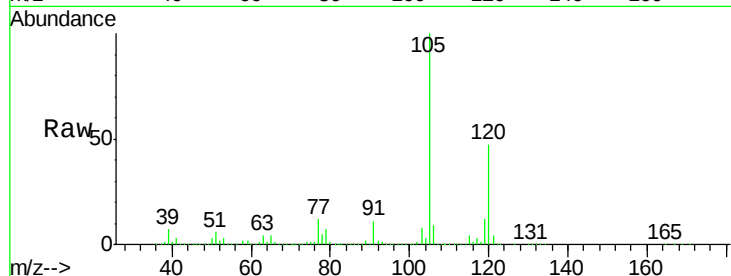




#84
1,2,4-Trimethylbenzene
Concen: 55.31 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

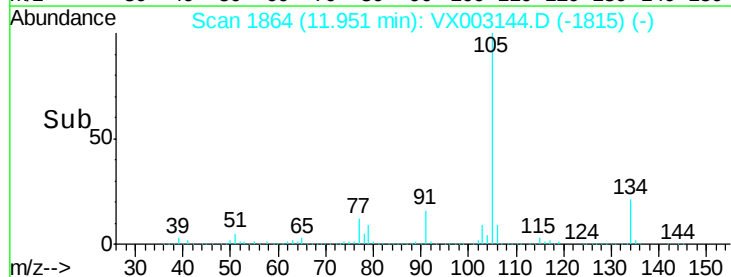
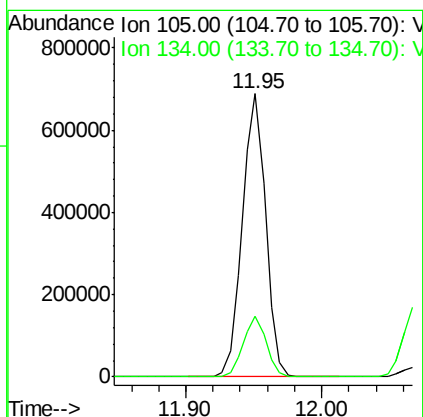
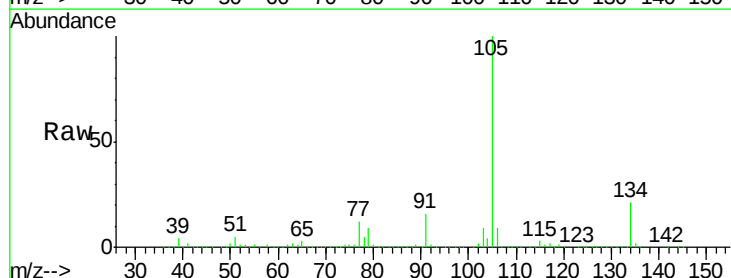
Instrument :
MSVOA_X
ClientSampleId :

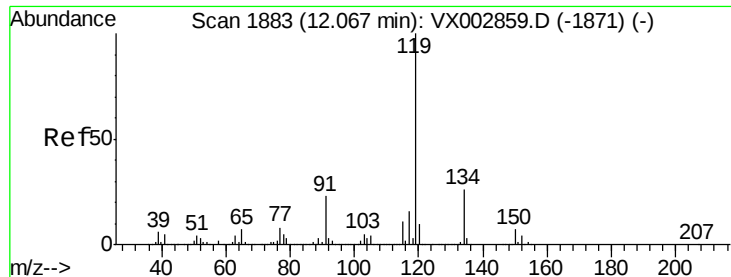
Tot Ion:105 Resp: 763234
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.8



#85
sec-Butylbenzene
Concen: 51.53 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX003144.D
Acq: 03 Jul 2018 13:11

Tgt Ion:105 Resp: 820462
Ion Ratio Lower Upper
105 100
134 21.1 10.4 31.1

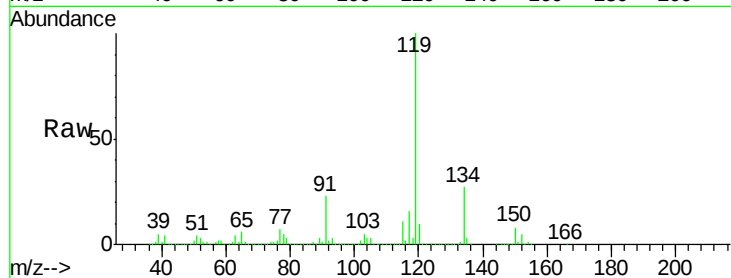




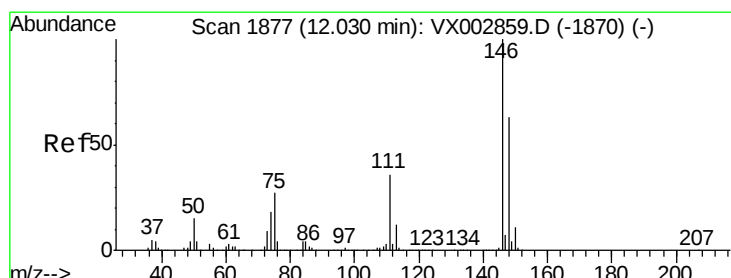
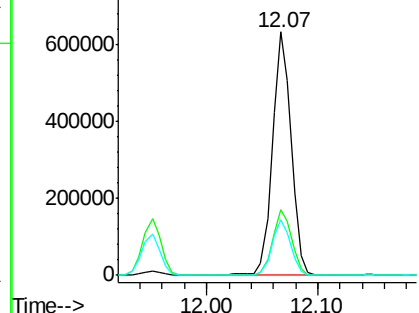
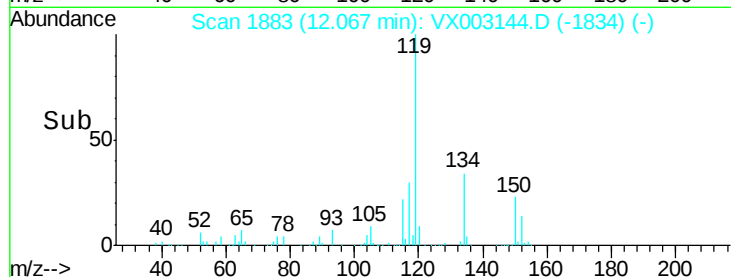
#86
 p-Isopropyltoluene
 Concen: 52.05 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.4	40.1
91	22.9	11.9	35.7

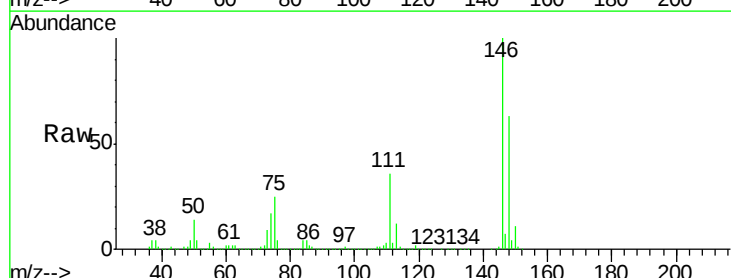


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

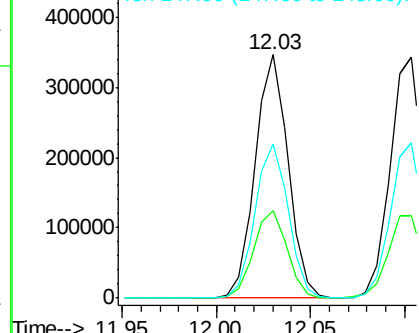
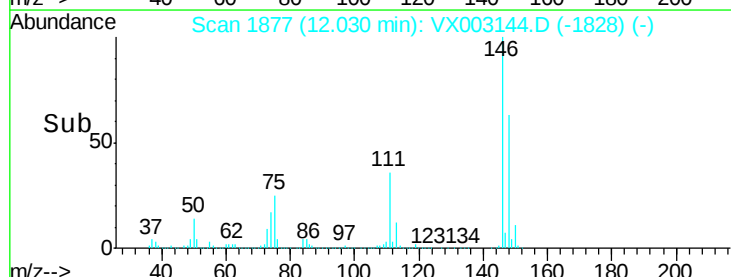


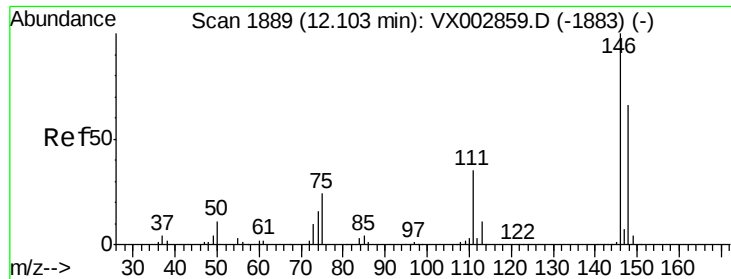
#87
 1,3-Dichlorobenzene
 Concen: 51.06 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.7
148	64.1	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

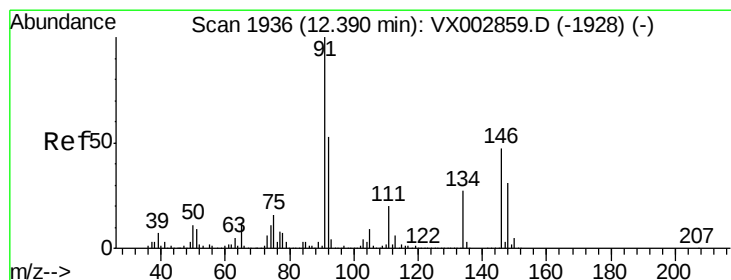
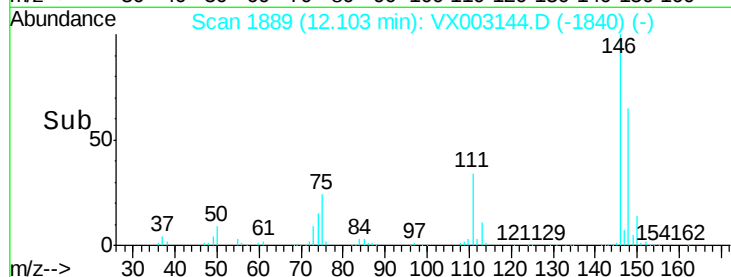
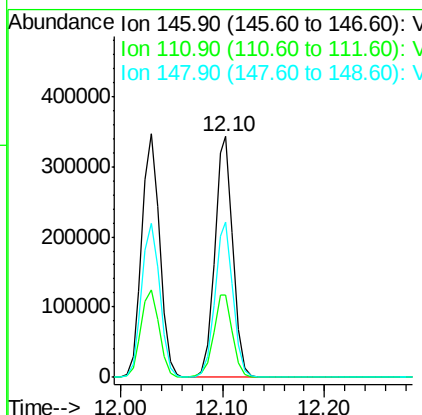
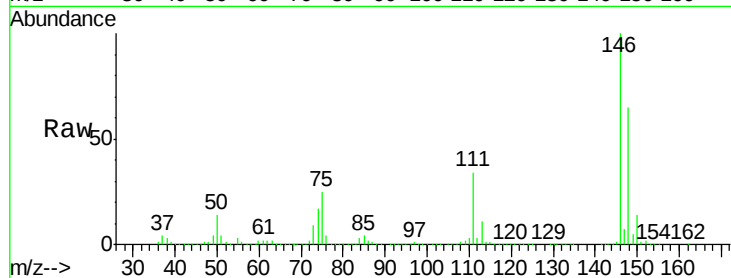




#88
 1,4-Dichlorobenzene
 Concen: 50.73 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

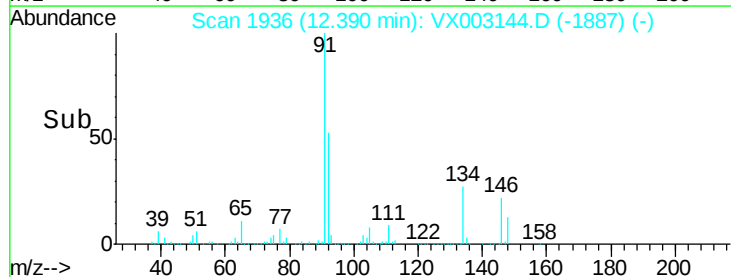
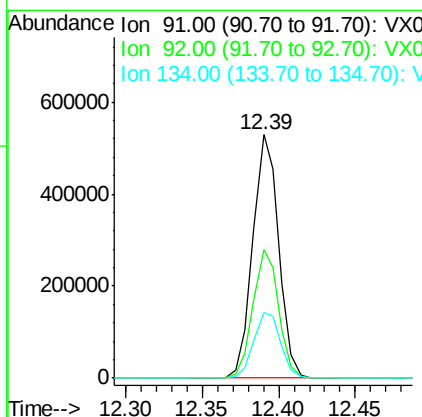
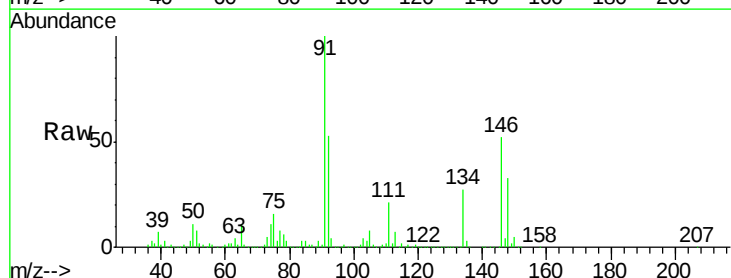
Instrument :
 MSVOA_X
 ClientSampleId :

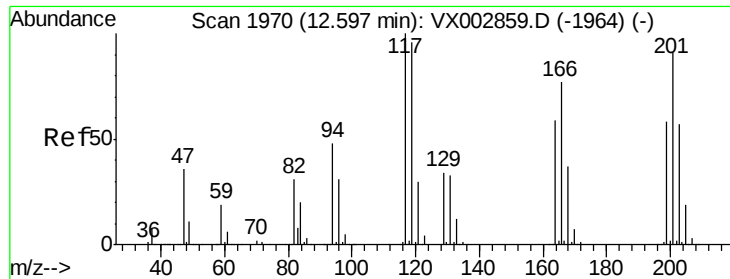
Tot Ion:146 Resp: 429349
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.7 56.1
 148 64.2 32.4 97.0



#89
 n-Butylbenzene
 Concen: 49.87 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion: 91 Resp: 621322
 Ion Ratio Lower Upper
 91 100
 92 52.4 26.0 78.0
 134 28.2 13.5 40.5





#90

Hexachloroethane

Concen: 55.33 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

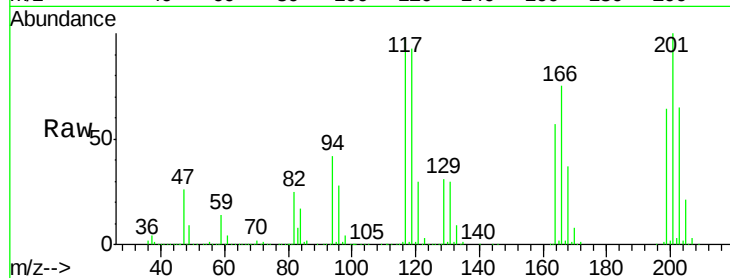
ClientSampleId :

Tot Ion:117 Resp: 117802

Ion Ratio Lower Upper

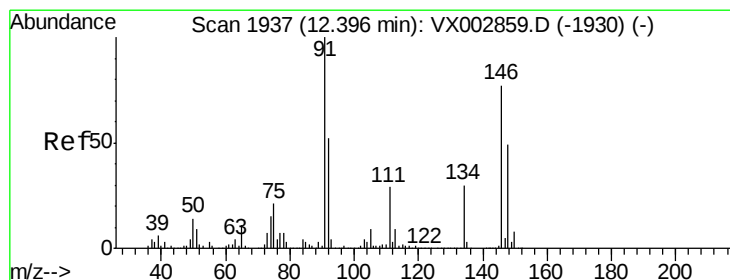
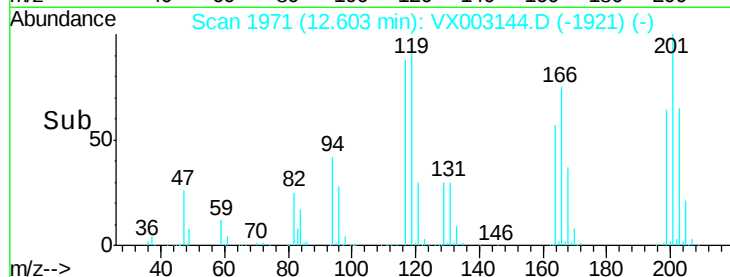
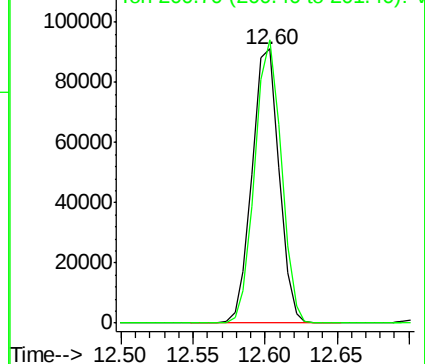
117 100

201 100.9 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: 50.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

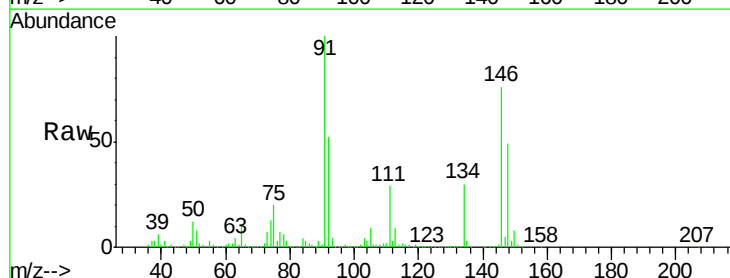
Tgt Ion:146 Resp: 419085

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

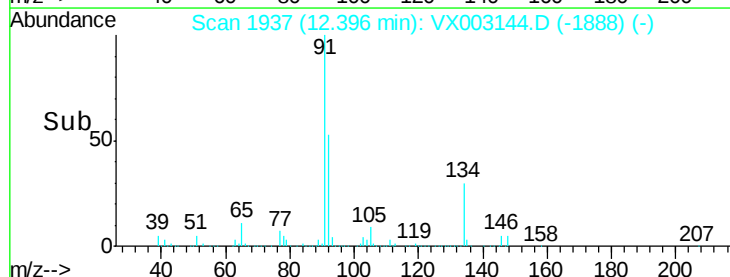
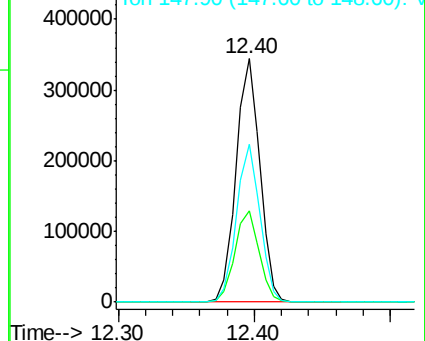
148 64.0 31.7 95.1

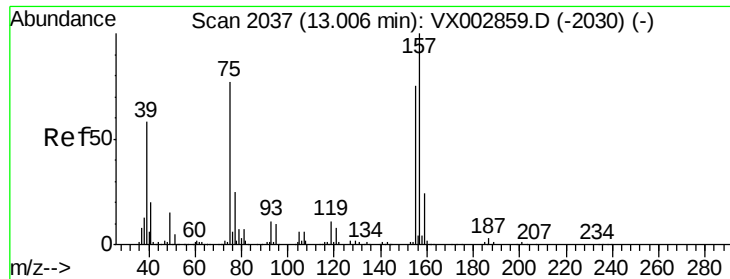


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

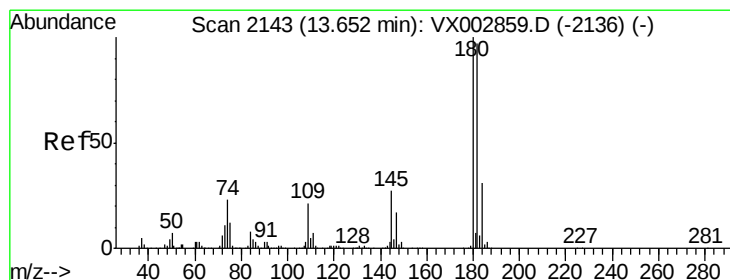
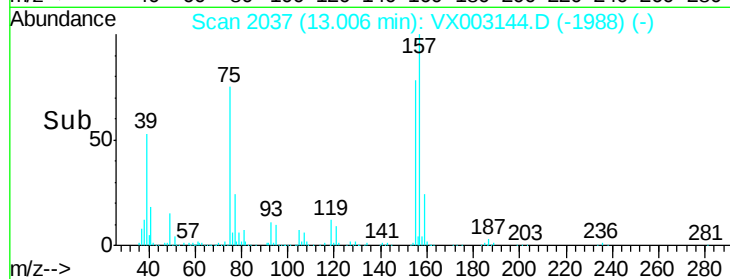
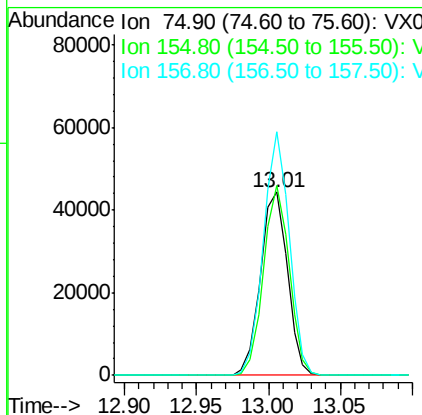
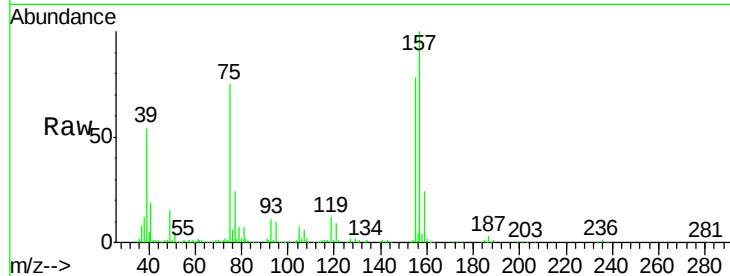




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.43 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

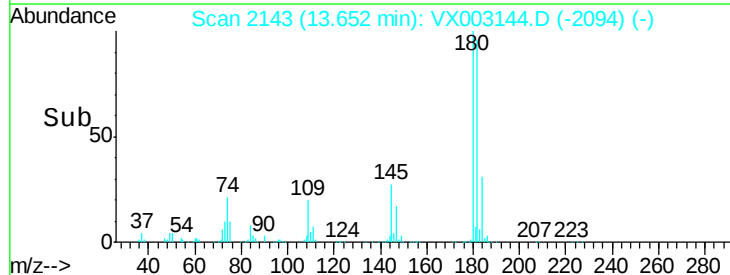
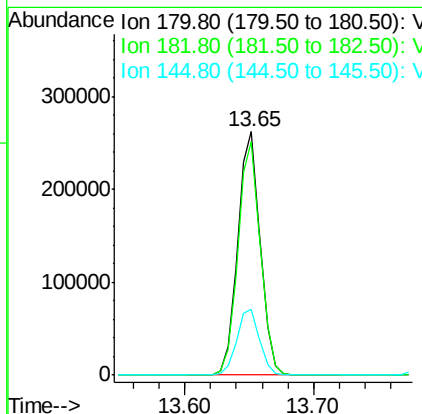
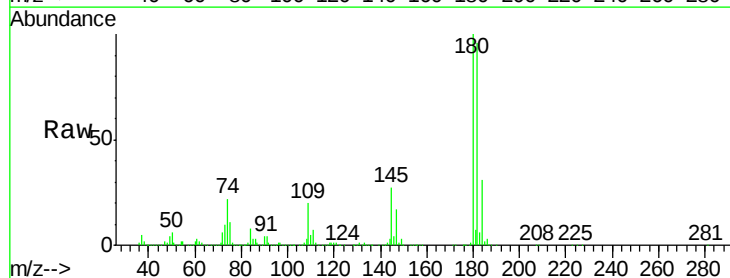
Instrument :
 MSVOA_X
 ClientSampleId :

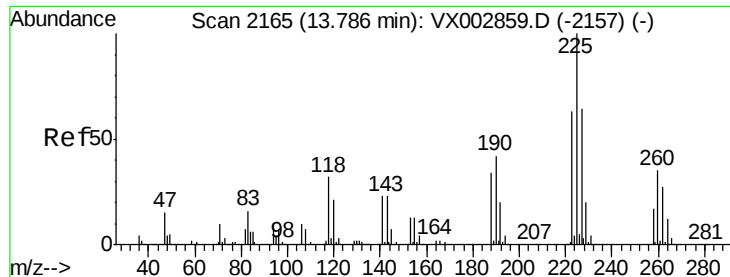
Tot Ion: 75 Resp: 57405
 Ion Ratio Lower Upper
 75 100
 155 98.4 45.8 137.4
 157 126.9 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 52.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Tgt Ion:180 Resp: 316275
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 27.5 14.1 42.4





#94

Hexachlorobutadiene

Concen: 52.27 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

Instrument :

MSVOA_X

ClientSampleId :

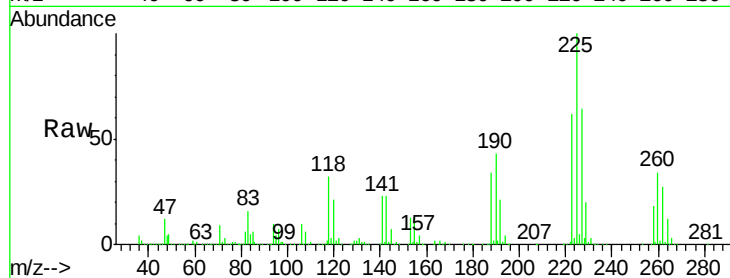
Tot Ion:225 Resp: 157478

Ion Ratio Lower Upper

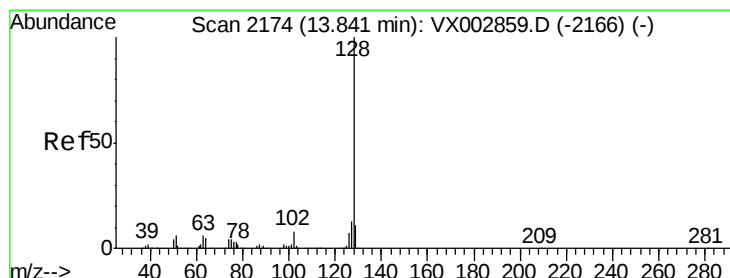
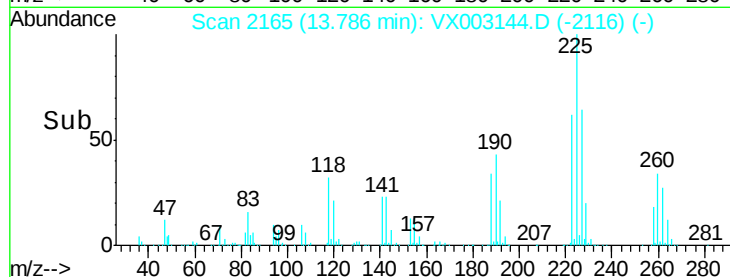
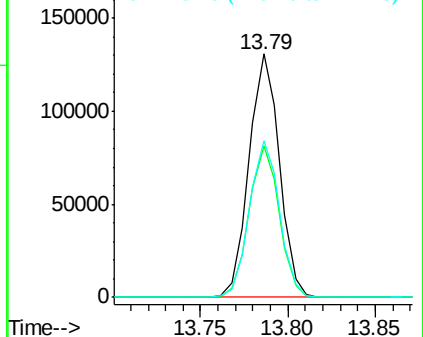
225 100

223 61.7 31.6 95.0

227 63.8 32.4 97.2



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



#95

Naphthalene

Concen: 55.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003144.D

Acq: 03 Jul 2018 13:11

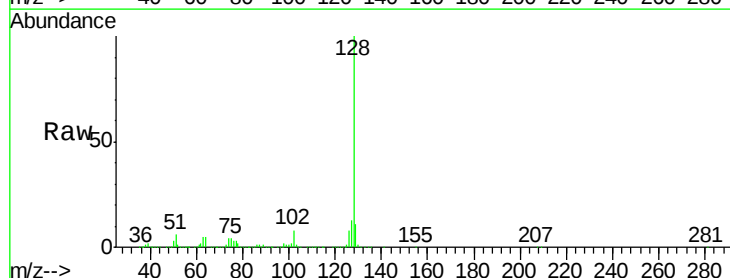
Tgt Ion:128 Resp: 886015

Ion Ratio Lower Upper

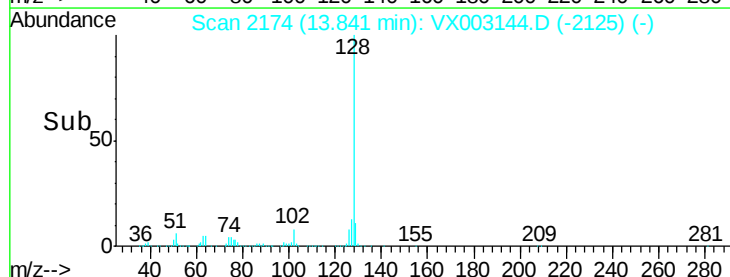
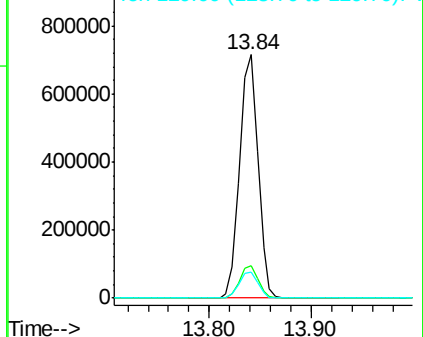
128 100

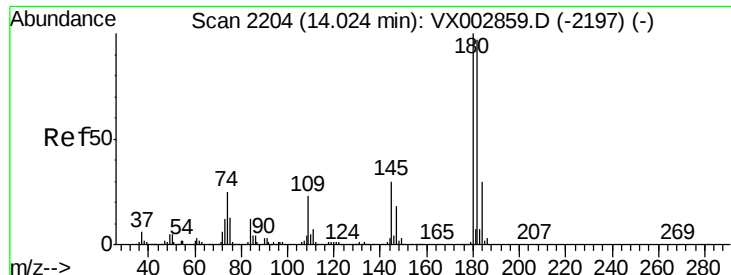
127 13.2 10.4 15.6

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

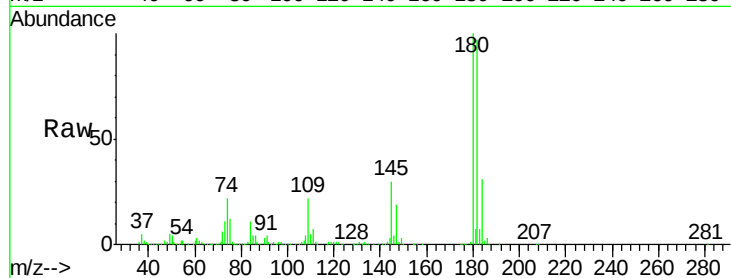




#96
 1,2,3-Trichlorobenzene
 Concen: 53.05 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003144.D
 Acq: 03 Jul 2018 13:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	29.6	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

