

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082318\
 Data File : VX004226.D
 Acq On : 23 Aug 2018 15:00
 Operator : JC/MD
 Sample : J4579-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0553

Quant Time: Aug 24 09:40:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	330403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	512901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	290150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213056	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	5.50	113	179704	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	8.71	98	721433	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.14	95	270434	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	2538	0.89	ug/l	93
5) Bromomethane	1.65	94	1192	Below	Cal	97
6) Chloroethane	1.73	64	336	1.07	ug/l #	44
10) Methyl Iodide	2.52	142	1201	4.53	ug/l #	93
11) Tert butyl alcohol	3.06	59	717	0.78	ug/l #	72
13) Acrolein	2.39	56	24106	108.92	ug/l #	77
14) Allyl chloride	2.84	41	68199	10.60	ug/l #	63
15) Acrylonitrile	3.17	53	17216	7.57	ug/l #	40
16) Acetone	2.44	43	7632	Below	Cal	95
17) Carbon Disulfide	2.57	76	2251	1.03	ug/l #	94
18) Methyl acetate	2.84	43	178282	27.90	ug/l #	51
25) 2-Butanone	4.71	43	2444	Below	Cal	98
26) 2,2-Dichloropropane	4.39	77	6257	1.14	ug/l #	52
31) Cyclohexane	5.57	56	536585	88.87	ug/l	99
36) 1,1-Dichloropropene	5.66	75	21119	3.66	ug/l #	50
38) Carbon Tetrachloride	5.66	117	28667	5.28	ug/l #	15
39) Methylcyclohexane	7.46	83	408450	62.04	ug/l	98
41) Methacrylonitrile	5.06	41	737	0.22	ug/l #	23
43) Isopropyl Acetate	6.45	43	5749	0.66	ug/l #	59
45) 1,2-Dichloropropane	7.46	63	3867	0.90	ug/l #	1
47) Bromodichloromethane	7.85	83	1355	0.25	ug/l #	1
48) Methyl methacrylate	7.73	41	15941	3.42	ug/l #	49
51) 4-Methyl-2-Pentanone	8.66	43	5311	0.84	ug/l #	52
52) Toluene	8.79	92	930225	86.25	ug/l	100
53) t-1,3-Dichloropropene	8.79	75	10218	1.73	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	31777	7.30	ug/l #	20
56) Ethyl methacrylate	9.16	69	6945	1.17	ug/l #	1
67) Ethyl Benzene	10.26	91	6062517	328.37	ug/l	96
68) m/p-Xylenes	10.37	106	6443659	892.58	ug/l	87
69) o-Xylene	10.70	106	2978743	436.21	ug/l	91
70) Styrene	10.70	104	141671	12.81	ug/l #	1
73) Isopropylbenzene	11.02	105	655922	34.42	ug/l	99
74) N-amyl acetate	10.91	43	1962	0.27	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	2577	0.39	ug/l #	49

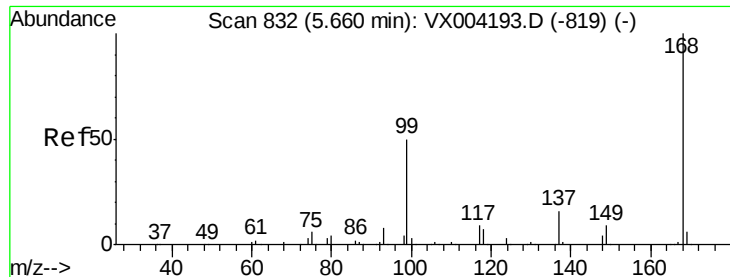
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
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Quant Time: Aug 24 09:40:01 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.36	75	5036	0.85	ug/l #	1
78) n-propylbenzene	11.36	91	912560	41.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	351275	26.04	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	995831	63.10	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.02	75	7185	3.95	ug/l #	72
82) 4-Chlorotoluene	11.51	91	98646	6.21	ug/l #	44
83) tert-Butylbenzene	11.77	119	21433	1.35	ug/l #	45
84) 1,2,4-Trimethylbenzene	11.81	105	4363742	269.37	ug/l	95
85) sec-Butylbenzene	11.81	105	4363742	231.48	ug/l #	55
86) p-Isopropyltoluene	12.07	119	93716	5.55	ug/l	99
89) n-Butylbenzene	12.38	91	89556	6.52	ug/l #	14
90) Hexachloroethane	12.67	117	28081	11.89	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1683	1.43	ug/l #	1
94) Hexachlorobutadiene	13.79	225	376	Below	Cal	90
95) Naphthalene	13.83	128	1835727	96.97	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

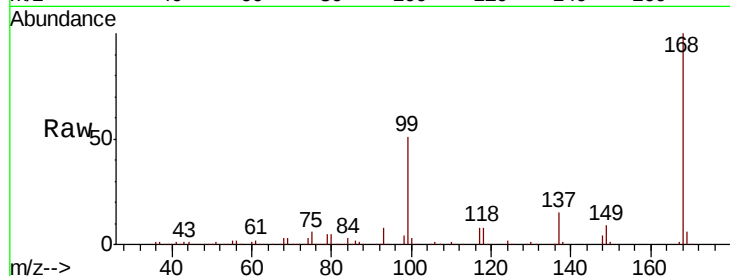
FL-0553

Tot Ion:168 Resp: 330403

Ion Ratio Lower Upper

168 100

99 51.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

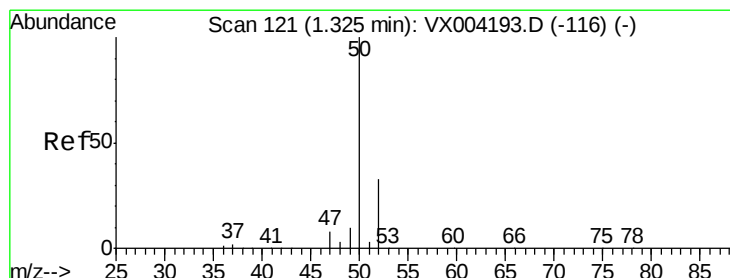
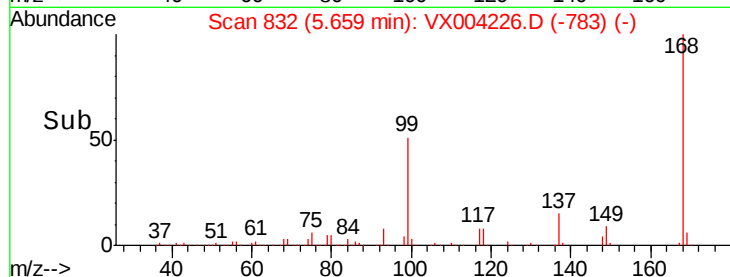
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004226.D

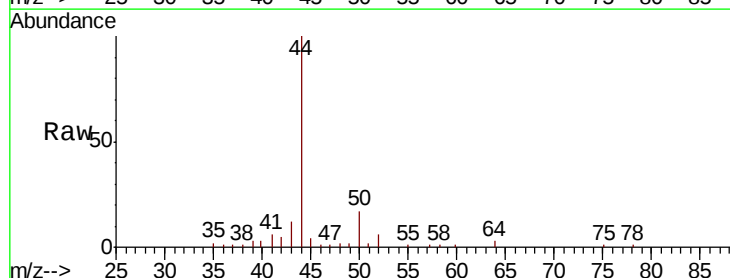
Acq: 23 Aug 2018 15:00

Tgt Ion: 50 Resp: 2538

Ion Ratio Lower Upper

50 100

52 36.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

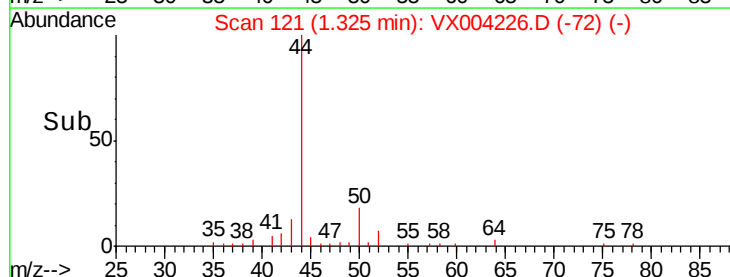
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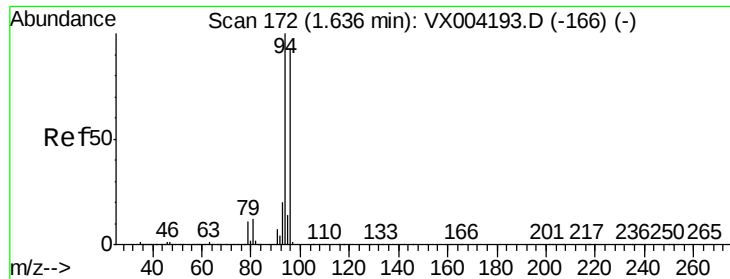
1000

500

0

Time--> 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

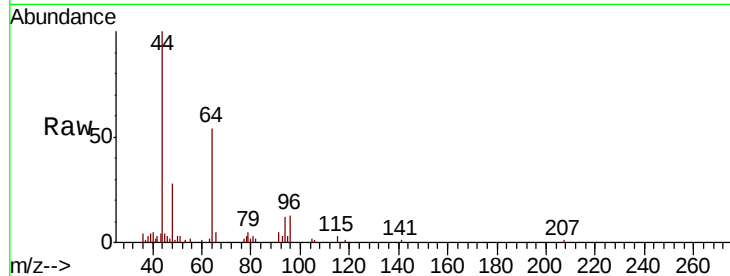
FL-0553

Tot Ion: 94 Resp: 1192

Ion Ratio Lower Upper

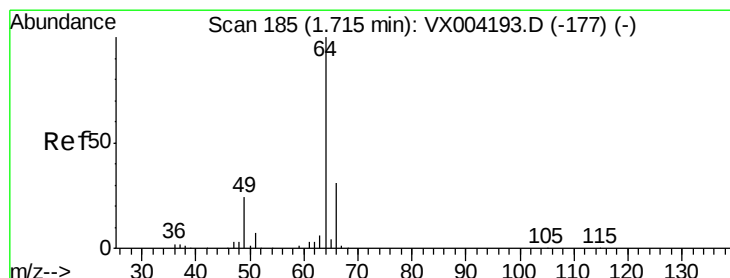
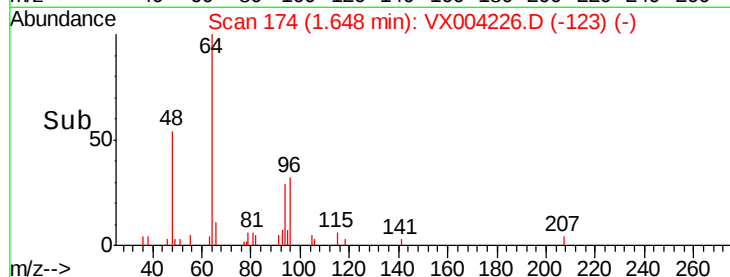
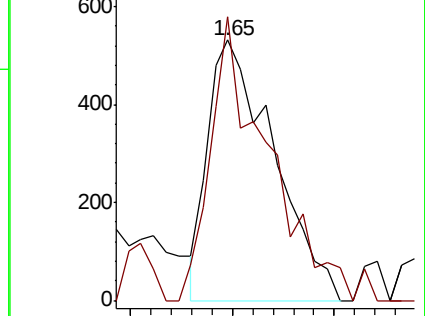
94 100

96 96.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.07 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004226.D

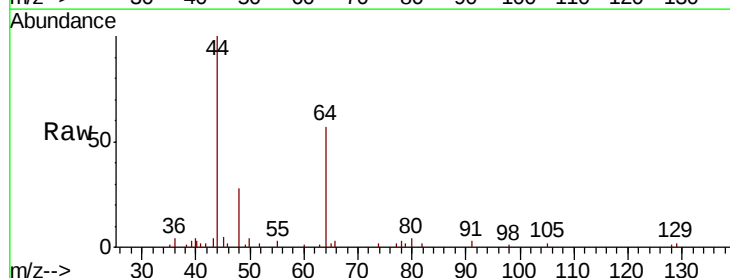
Acq: 23 Aug 2018 15:00

Tgt Ion: 64 Resp: 336

Ion Ratio Lower Upper

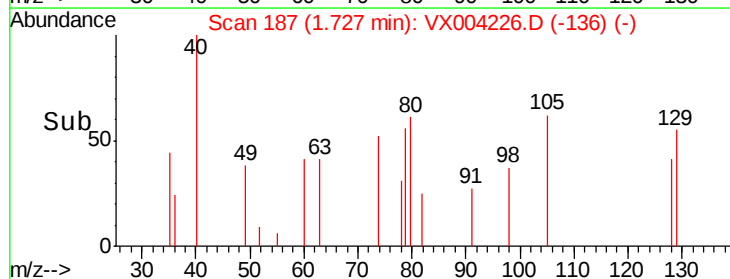
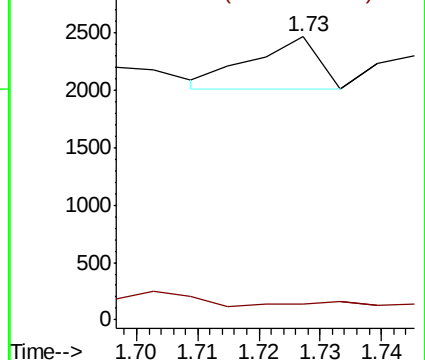
64 100

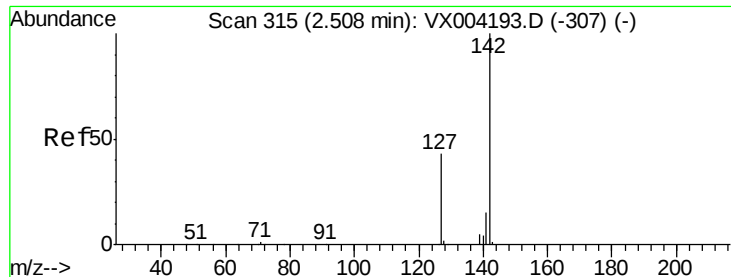
66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

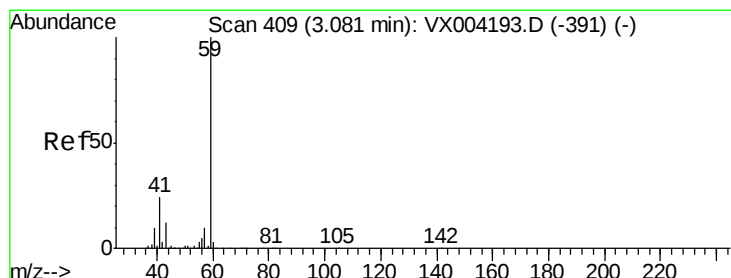
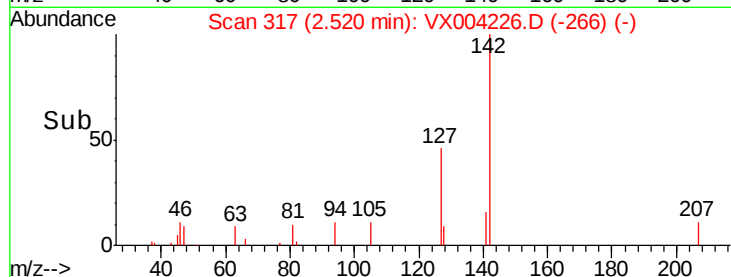
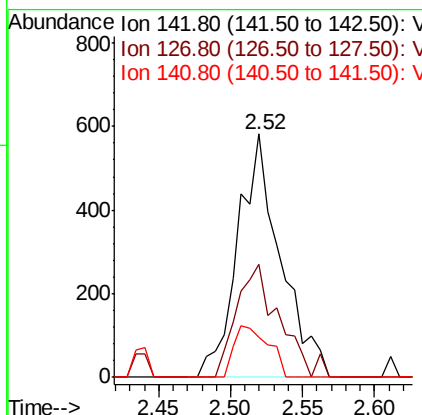
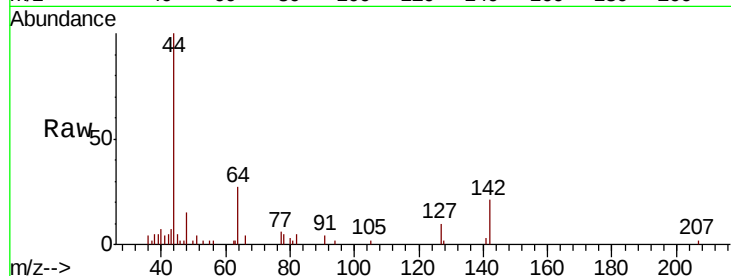




#10
Methyl Iodide
Concen: 4.53 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

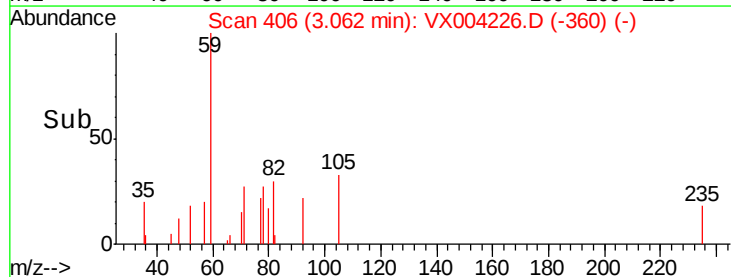
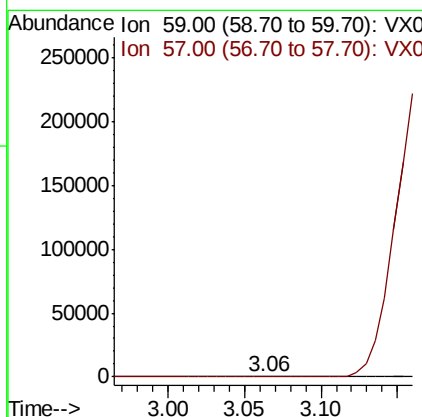
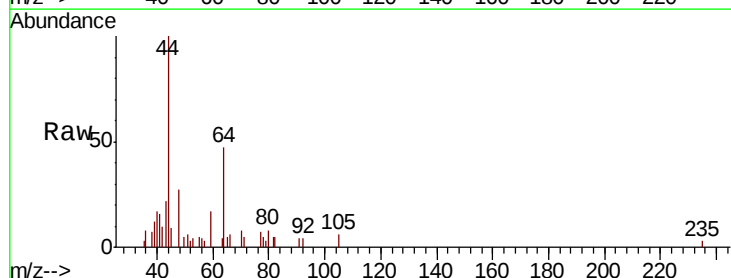
Instrument :
MSVOA_X
ClientSampleId :
FL-0553

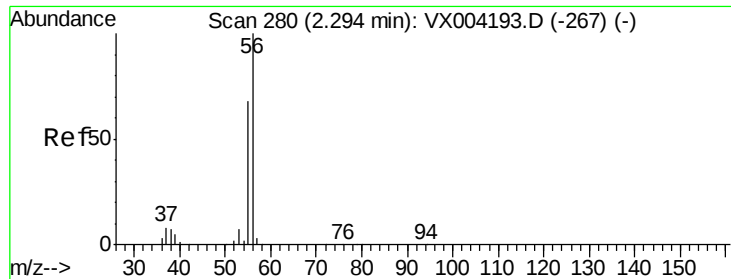
Tot Ion:142 Resp: 1201
Ion Ratio Lower Upper
142 100
127 46.9 33.8 50.6
141 17.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.78 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Tgt Ion: 59 Resp: 717
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 108.92 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.10 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

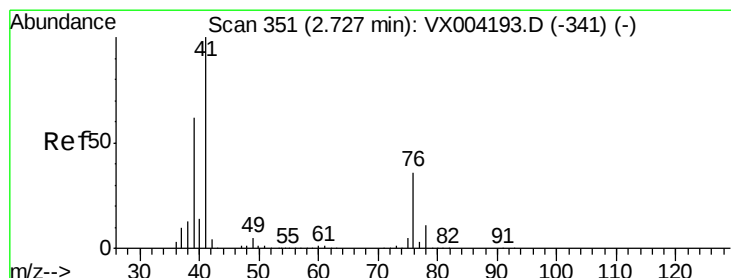
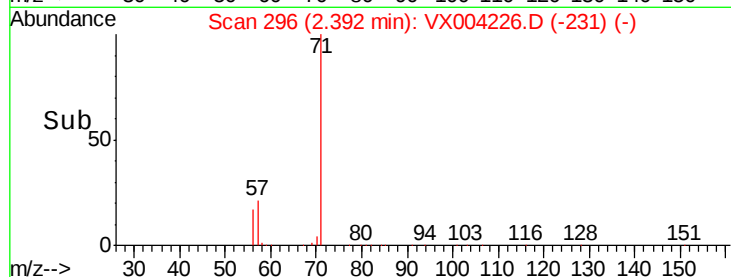
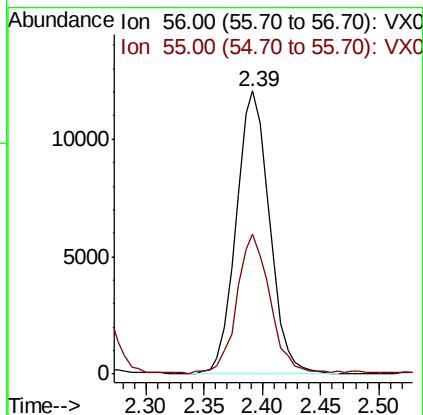
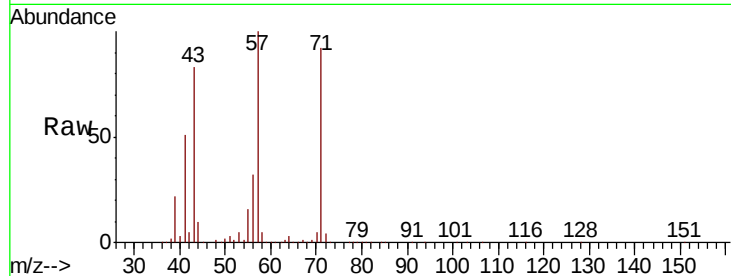
FL-0553

Tot Ion: 56 Resp: 24106

Ion Ratio Lower Upper

56 100

55 49.9 54.7 82.1#



#14

Allyl chloride

Concen: 10.60 ug/l

RT: 2.84 min Scan# 369

Delta R.T. 0.11 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

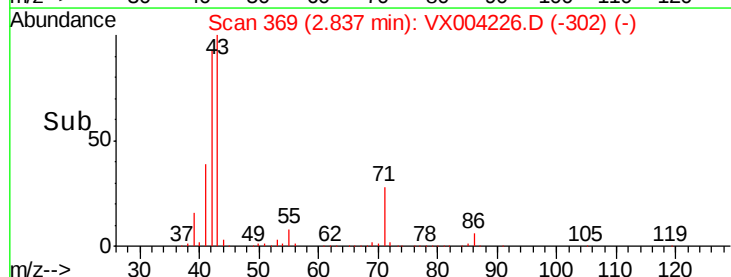
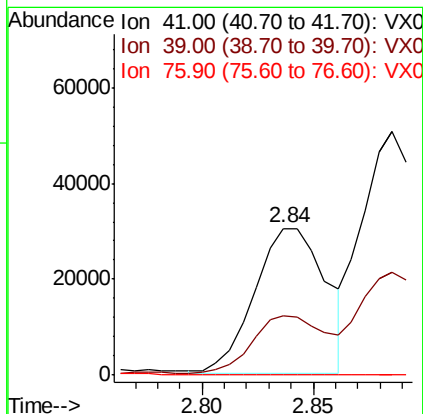
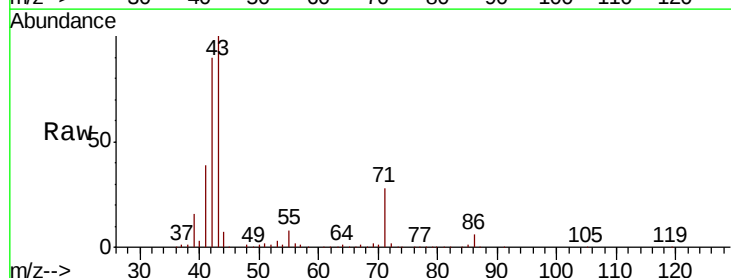
Tgt Ion: 41 Resp: 68199

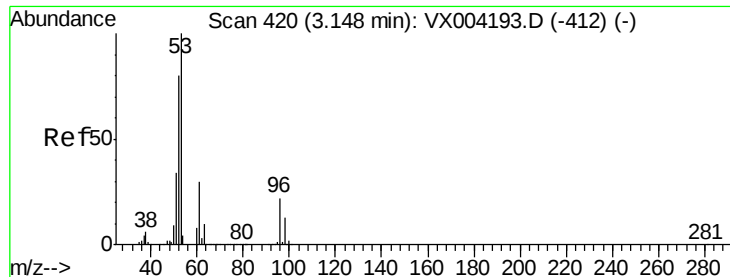
Ion Ratio Lower Upper

41 100

39 42.0 48.9 73.3#

76 0.2 26.7 40.1#





#15

Acrylonitrile

Concen: 7.57 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.02 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0553

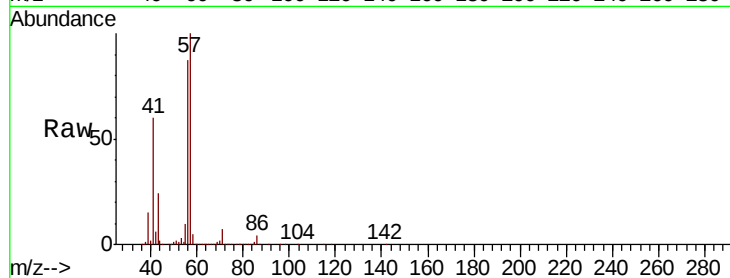
Tot Ion: 53 Resp: 17216

Ion Ratio Lower Upper

53 100

52 20.5 65.2 97.8#

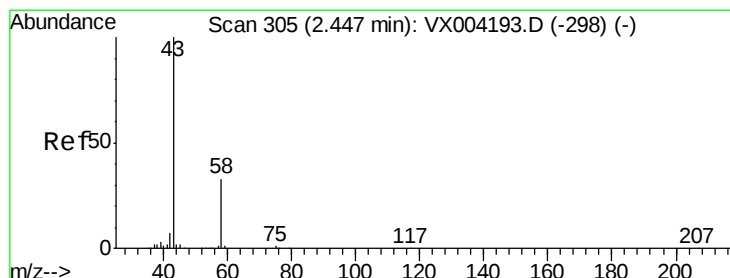
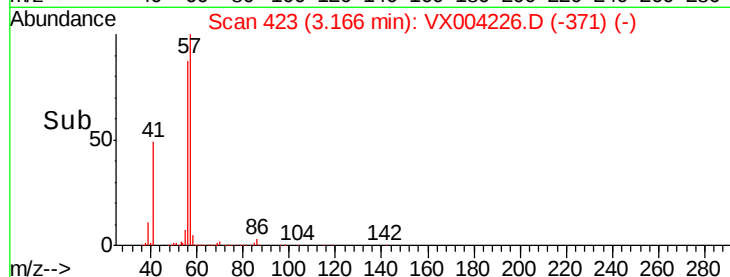
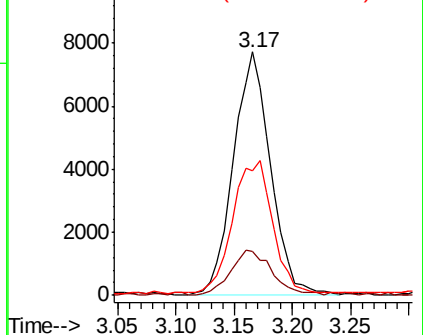
51 58.1 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004226.D

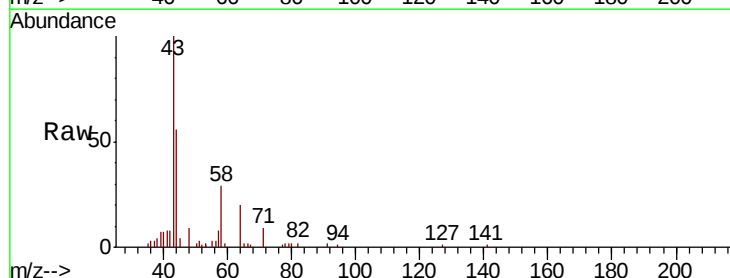
Acq: 23 Aug 2018 15:00

Tgt Ion: 43 Resp: 7632

Ion Ratio Lower Upper

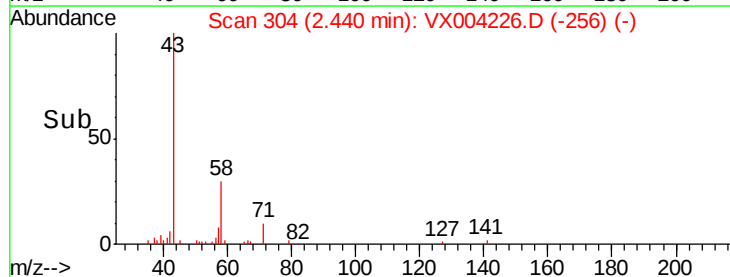
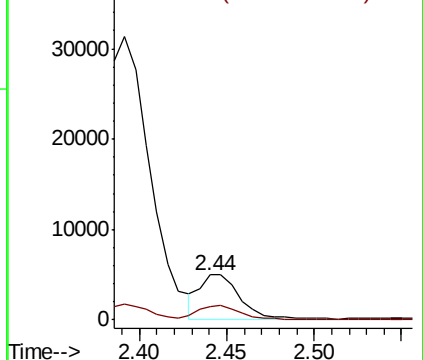
43 100

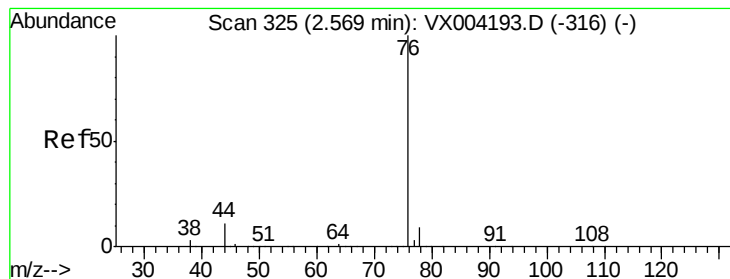
58 29.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.03 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

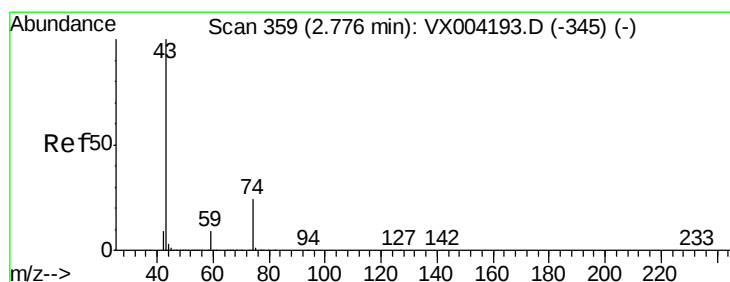
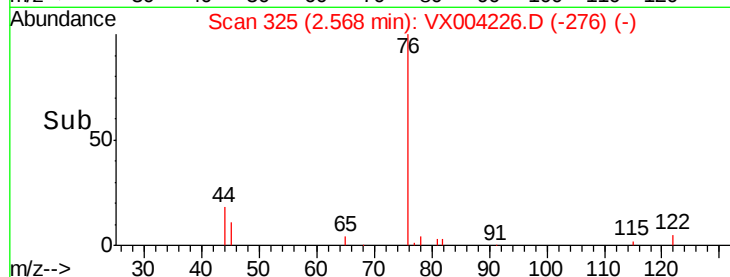
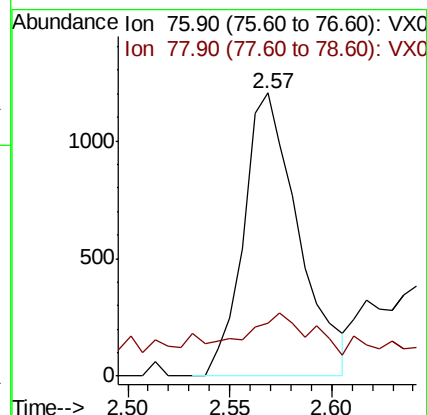
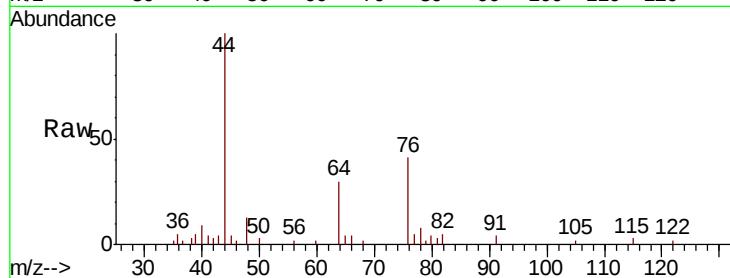
FL-0553

Tot Ion: 76 Resp: 2251

Ion Ratio Lower Upper

76 100

78 11.0 7.0 10.6#



#18

Methyl Acetate

Concen: 27.90 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.07 min

Lab File: VX004226.D

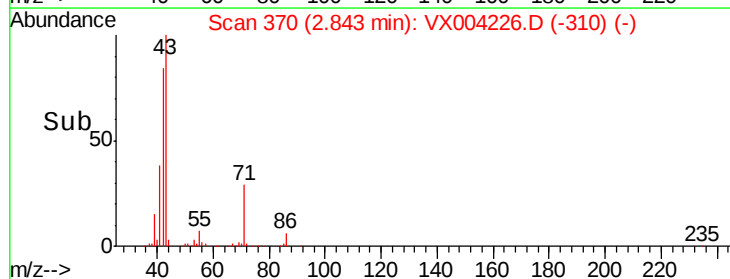
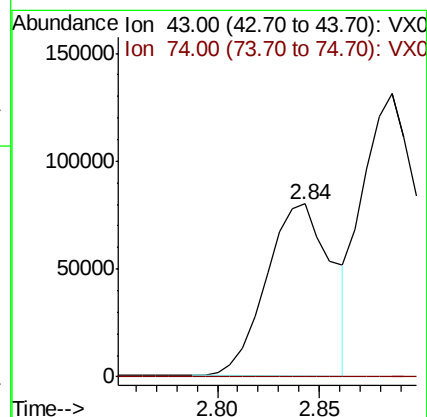
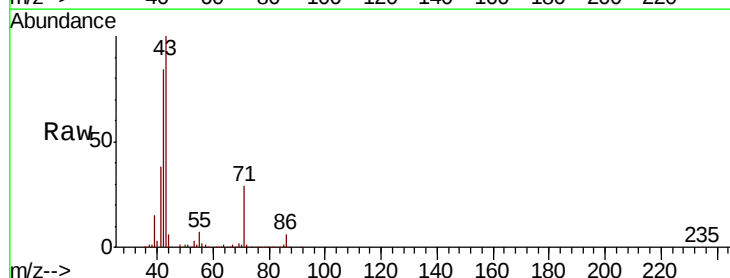
Acq: 23 Aug 2018 15:00

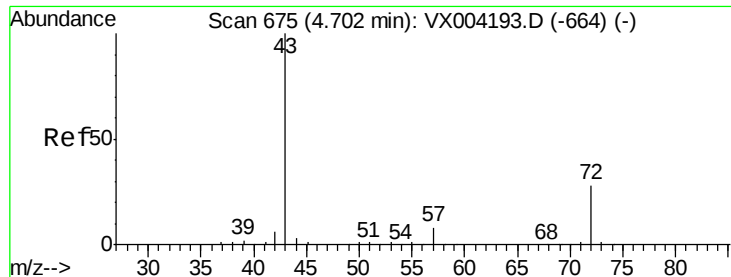
Tgt Ion: 43 Resp: 178282

Ion Ratio Lower Upper

43 100

74 0.1 19.4 29.2#





#25

2-Butanone

Concen: Below Cal

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

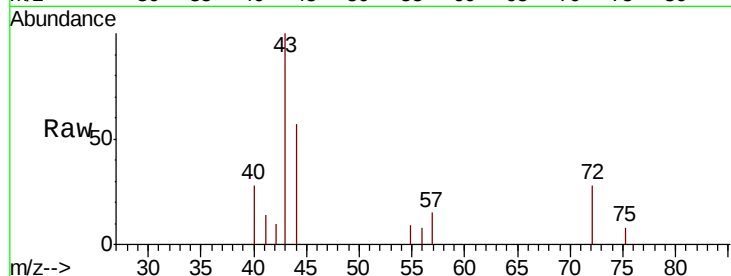
FL-0553

Tot Ion: 43 Resp: 2444

Ion Ratio Lower Upper

43 100

72 28.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

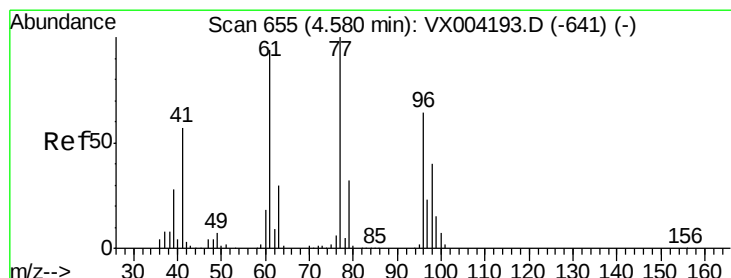
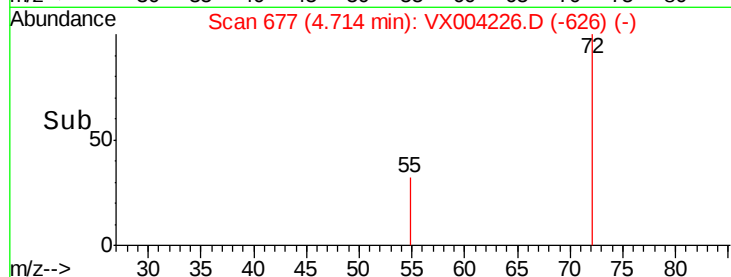
600

400

200

0

Time-->



#26

2,2-Dichloropropane

Concen: 1.14 ug/l

RT: 4.39 min Scan# 623

Delta R.T. -0.20 min

Lab File: VX004226.D

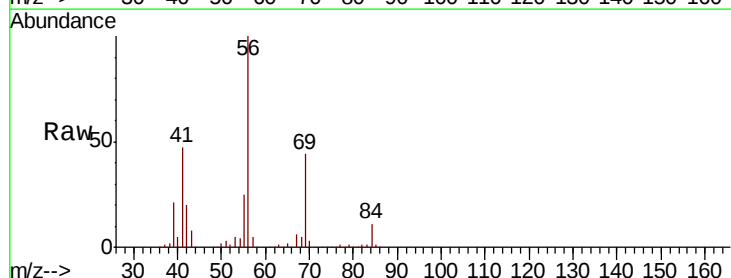
Acq: 23 Aug 2018 15:00

Tgt Ion: 77 Resp: 6257

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.39

2000

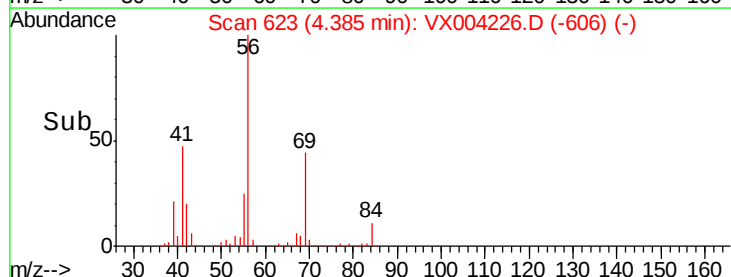
1500

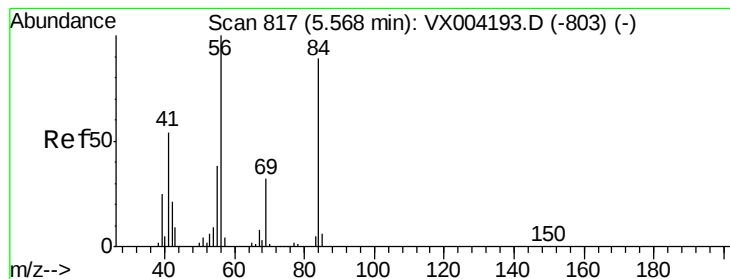
1000

500

0

Time-->





#31

Cyclohexane

Concen: 88.87 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0553

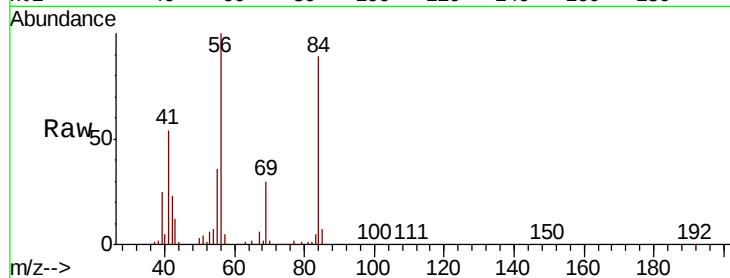
Tot Ion: 56 Resp: 536585

Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.2

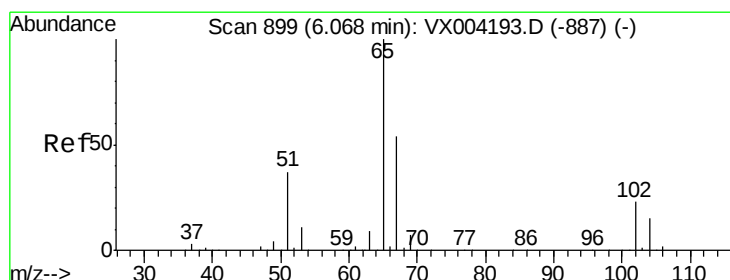
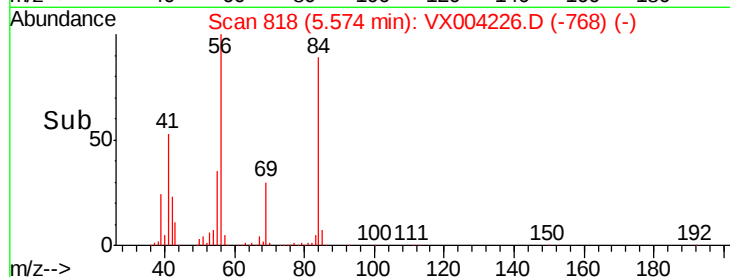
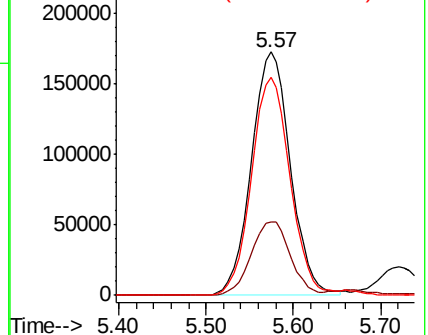
84 89.4 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.47 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004226.D

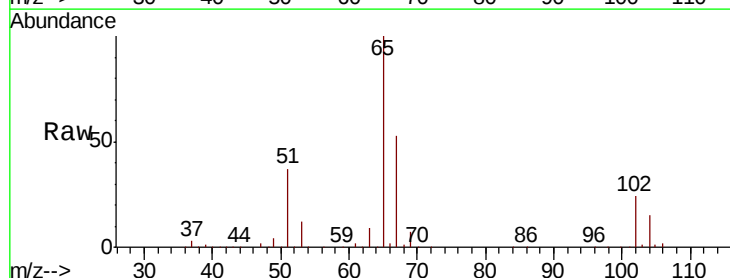
Acq: 23 Aug 2018 15:00

Tgt Ion: 65 Resp: 213056

Ion Ratio Lower Upper

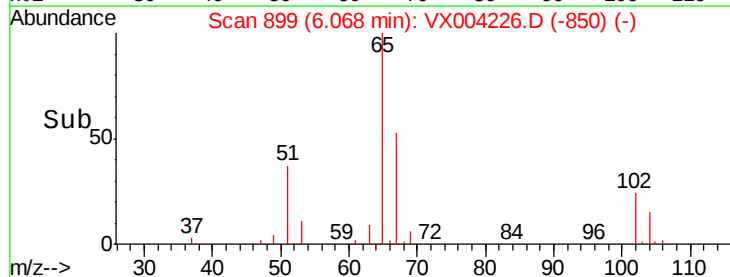
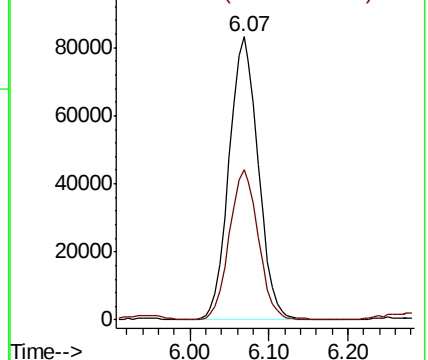
65 100

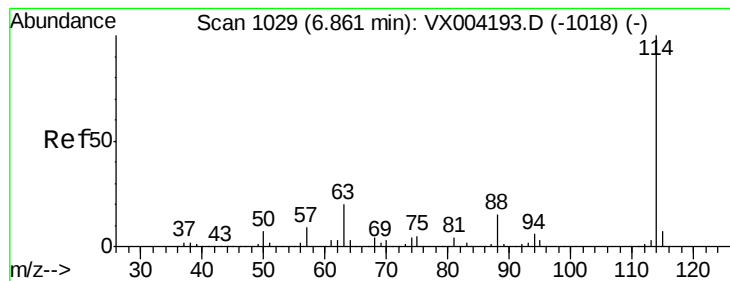
67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0553

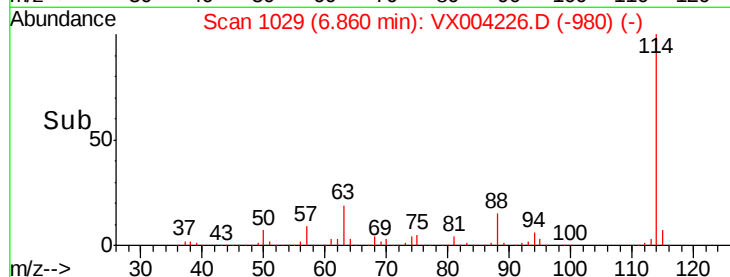
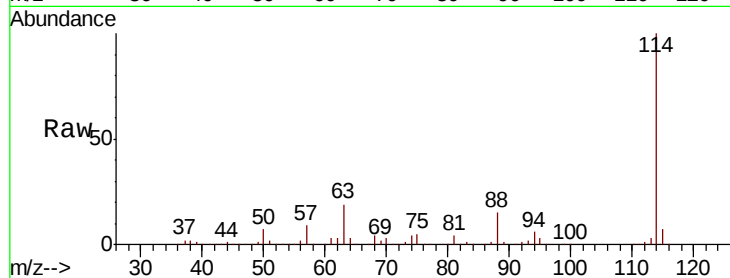
Tot Ion:114 Resp: 512901

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

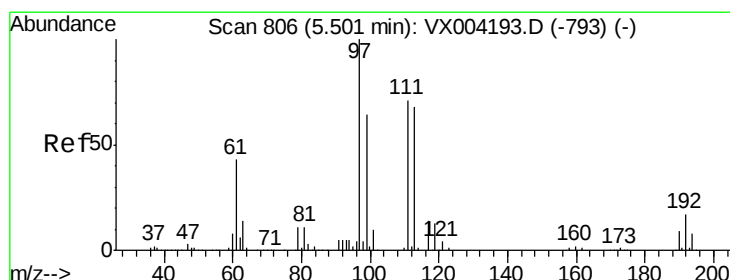
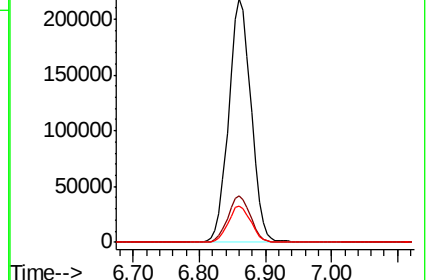
88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.10 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

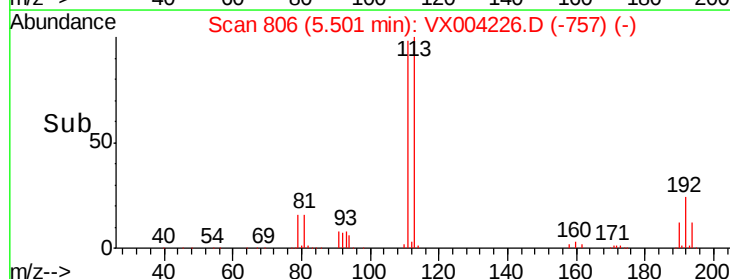
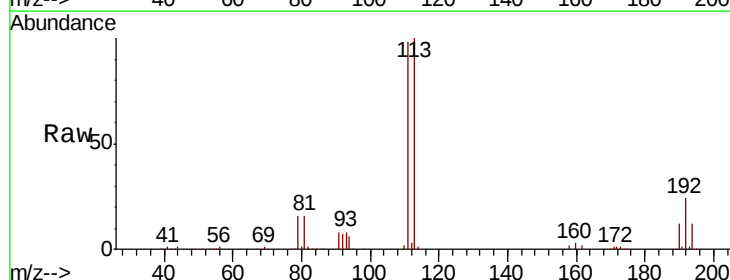
Tgt Ion:113 Resp: 179704

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

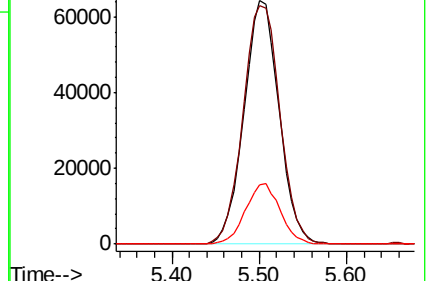
192 24.6 19.4 29.2

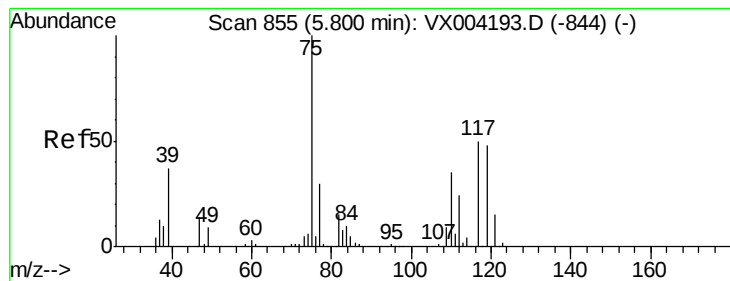


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.66 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0553

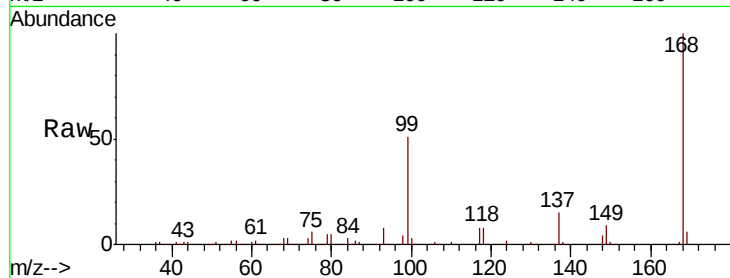
Tot Ion: 75 Resp: 21119

Ion Ratio Lower Upper

75 100

110 9.1 18.0 54.0#

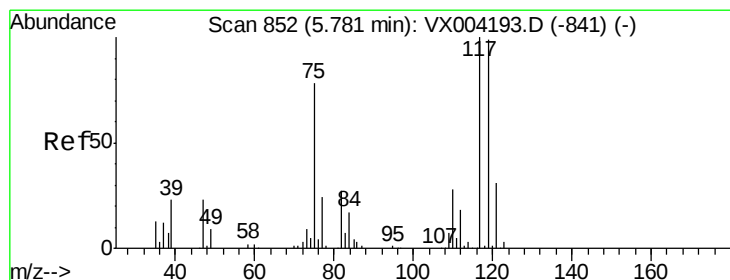
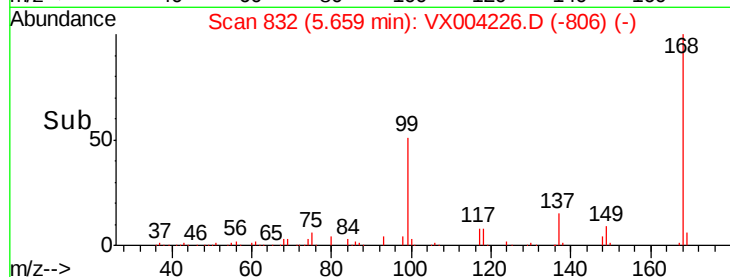
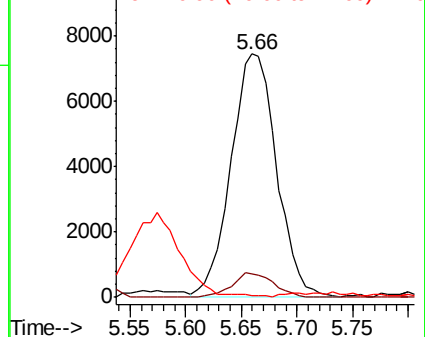
77 0.0 24.6 36.8#



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



#38

Carbon Tetrachloride

Concen: 5.28 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

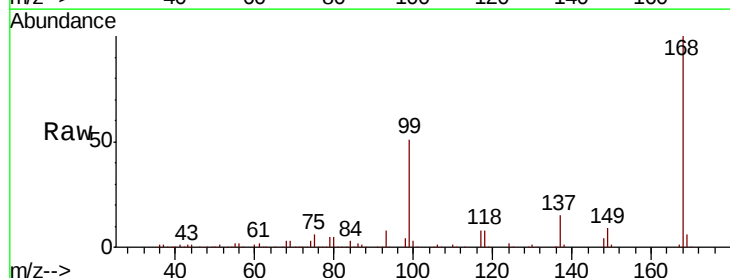
Tgt Ion: 117 Resp: 28667

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

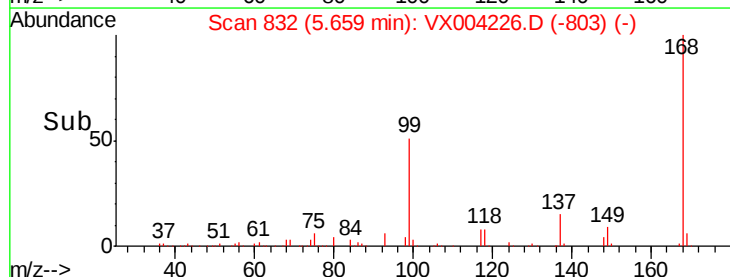
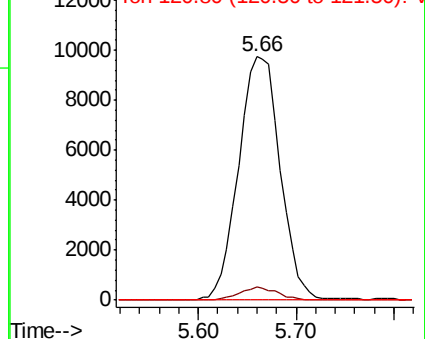
121 0.0 24.9 37.3#

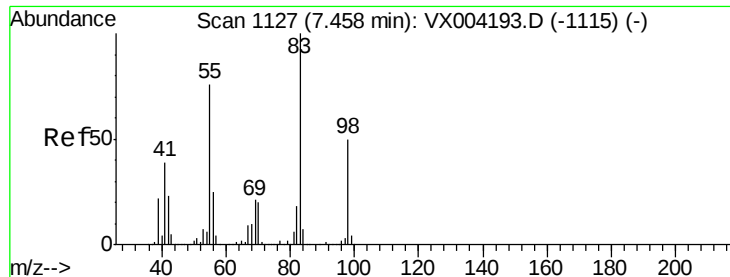


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

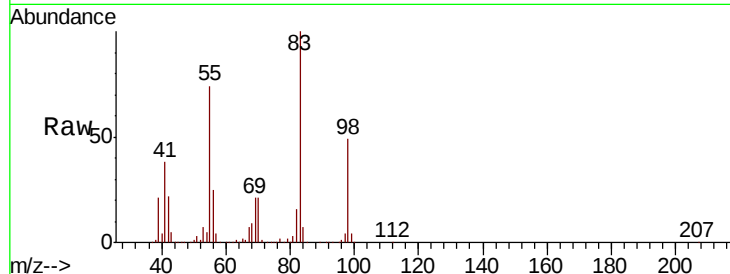




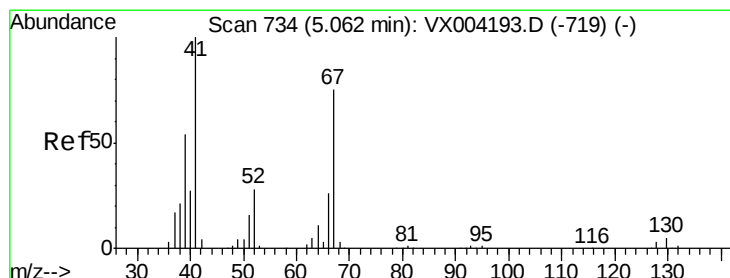
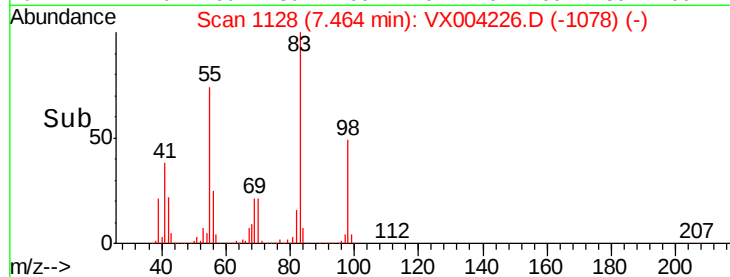
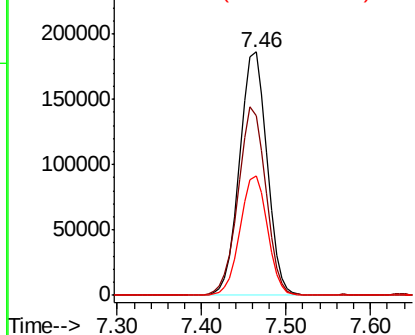
#39
Methylcyclohexane
Concen: 62.04 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Instrument :
MSVOA_X
ClientSampled :
FL-0553

Tot Ion: 83 Resp: 408450
Ion Ratio Lower Upper
83 100
55 73.8 61.0 91.4
98 49.0 39.6 59.4

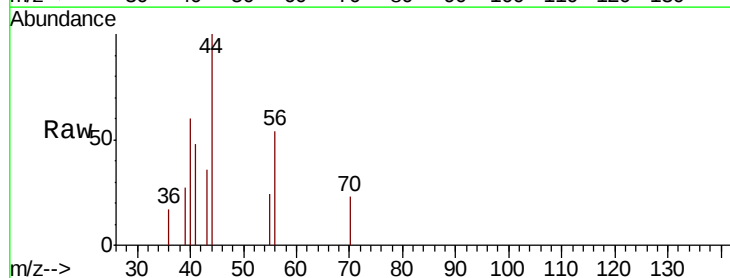


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

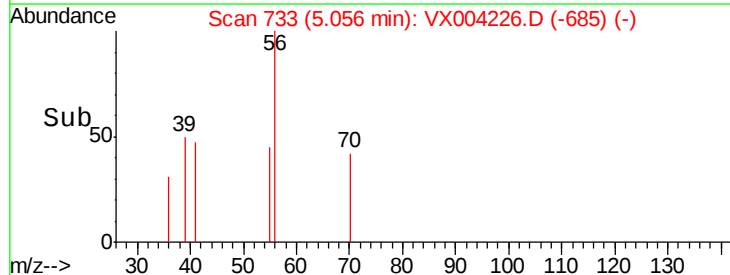
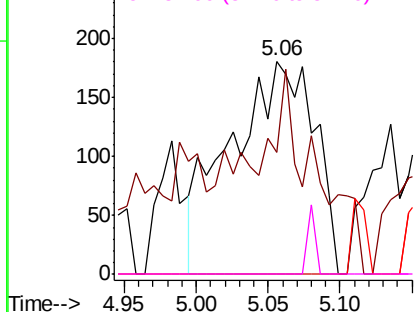


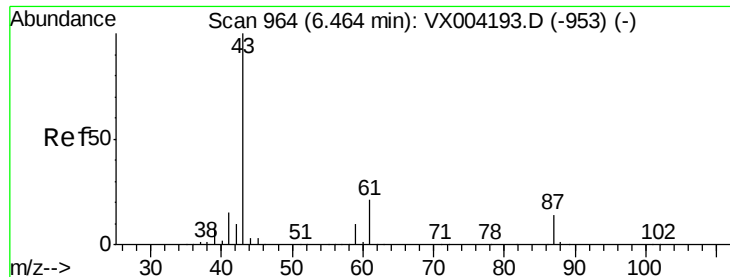
#41
Methacrylonitrile
Concen: 0.22 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Tgt Ion: 41 Resp: 737
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 0.0 59.2 88.8#
52 0.0 23.0 34.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.66 ug/l

RT: 6.45 min Scan# 961

Delta R.T. -0.02 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

FL-0553

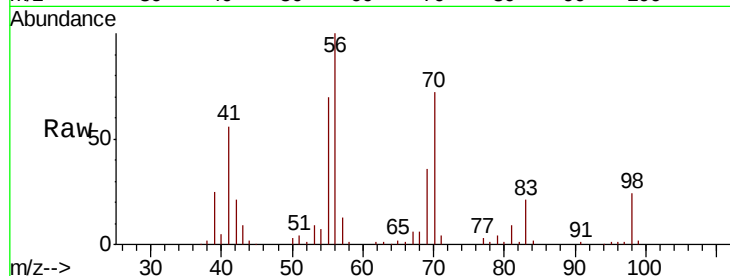
Tot Ion: 43 Resp: 5749

Ion Ratio Lower Upper

43 100

61 0.4 17.0 25.4#

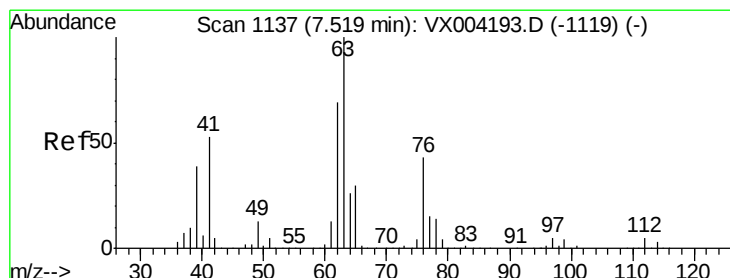
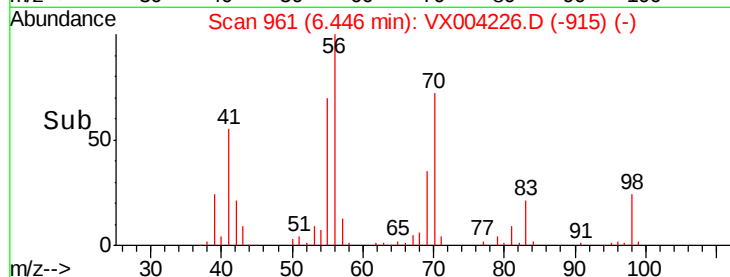
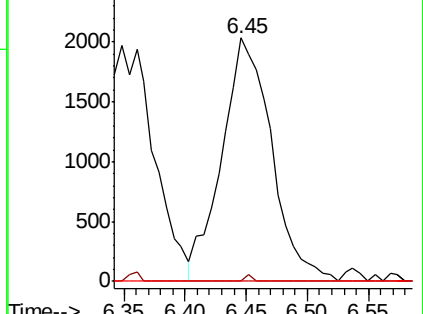
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.90 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX004226.D

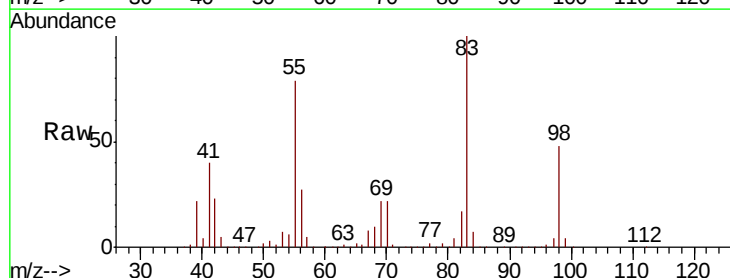
Acq: 23 Aug 2018 15:00

Tgt Ion: 63 Resp: 3867

Ion Ratio Lower Upper

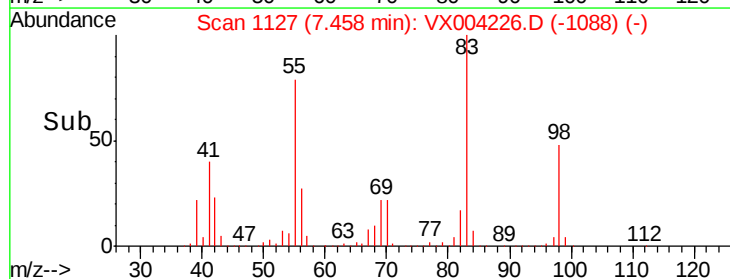
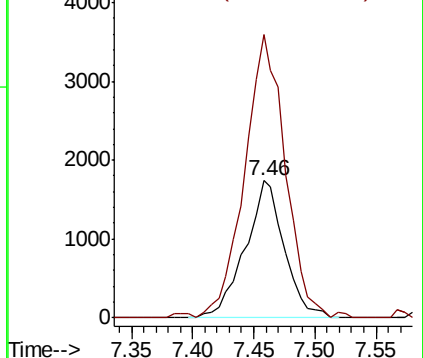
63 100

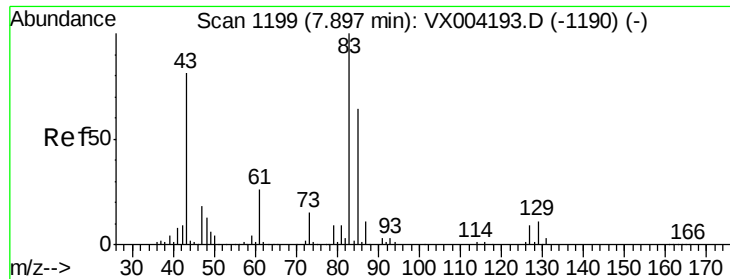
65 203.2 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.25 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0553

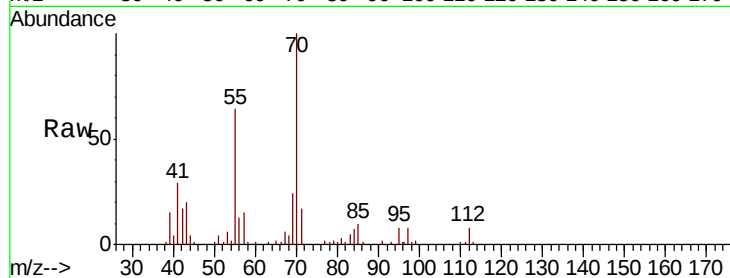
Tot Ion: 83 Resp: 1355

Ion Ratio Lower Upper

83 100

85 197.0 50.9 76.3#

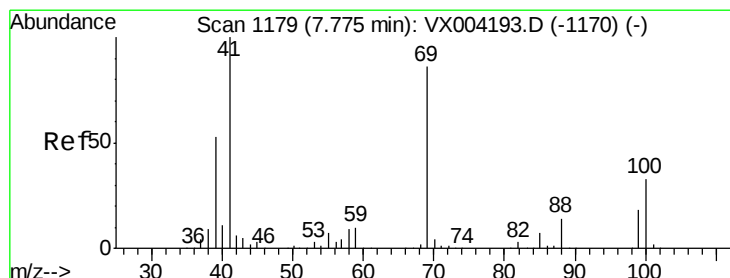
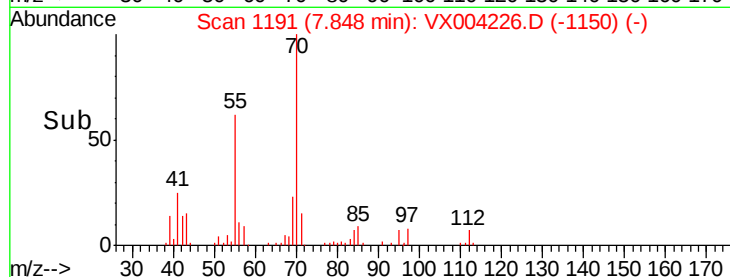
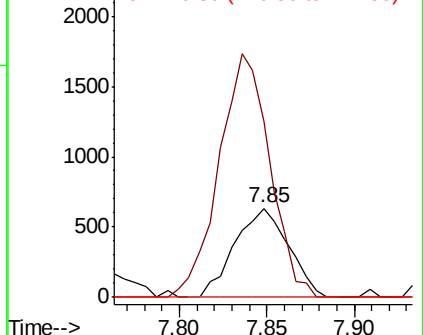
127 0.0 7.3 10.9#



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: 3.42 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.04 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

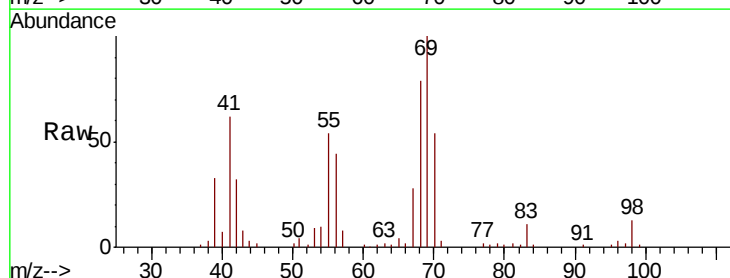
Tgt Ion: 41 Resp: 15941

Ion Ratio Lower Upper

41 100

69 159.4 70.2 105.4#

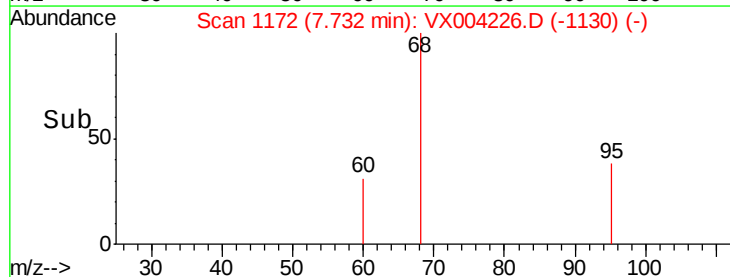
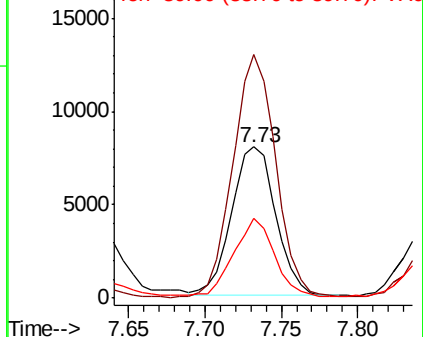
39 48.1 42.7 64.1

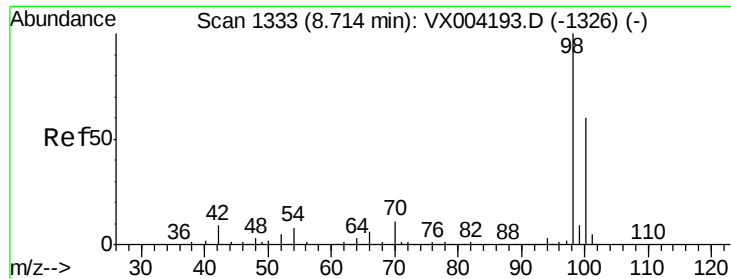


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

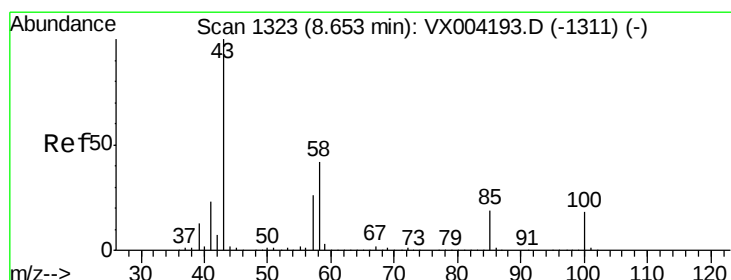
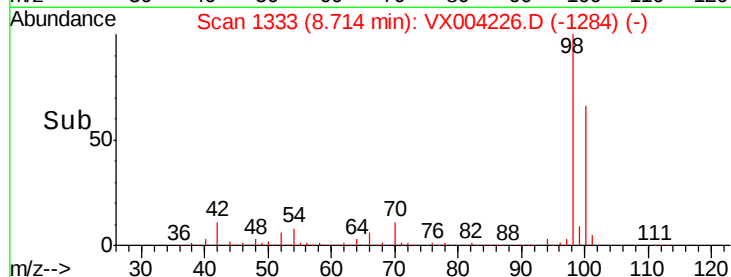
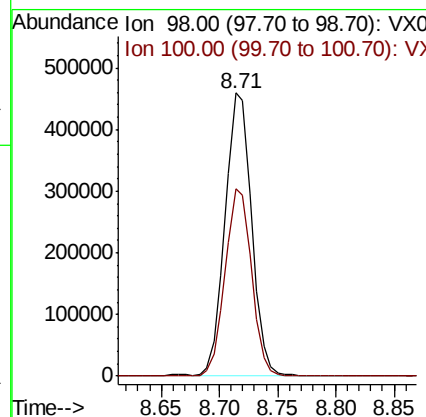
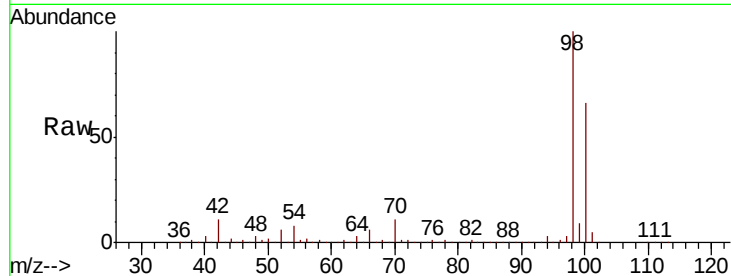




#50
Toluene-d8
Concen: 50.09 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

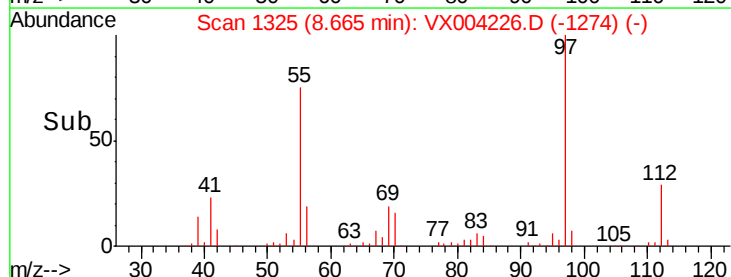
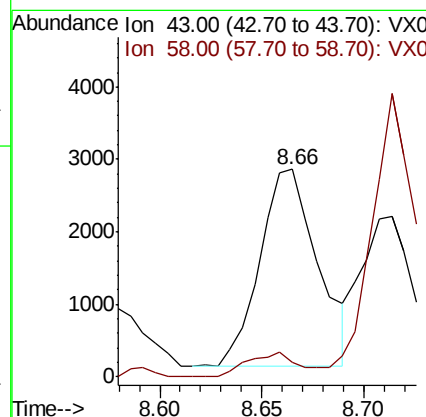
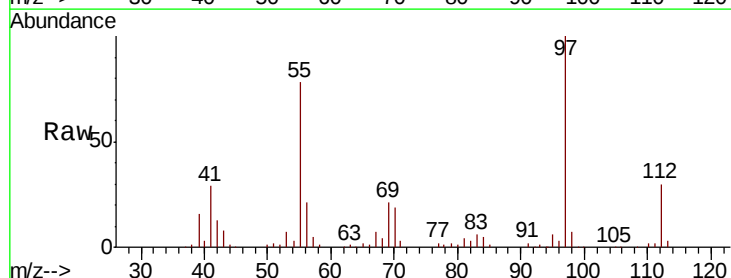
Instrument :
MSVOA_X
ClientSampled :
FL-0553

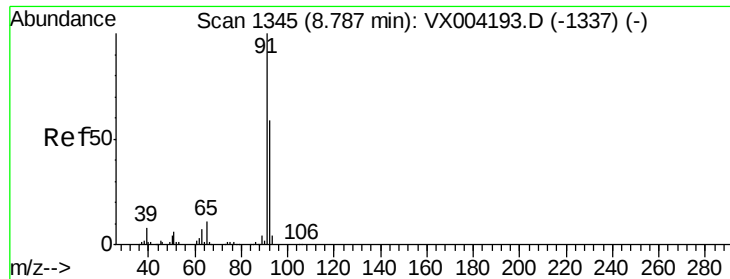
Tot Ion: 98 Resp: 721433
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.84 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Tgt Ion: 43 Resp: 5311
Ion Ratio Lower Upper
43 100
58 11.1 33.1 49.7#





#52

Toluene

Concen: 86.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

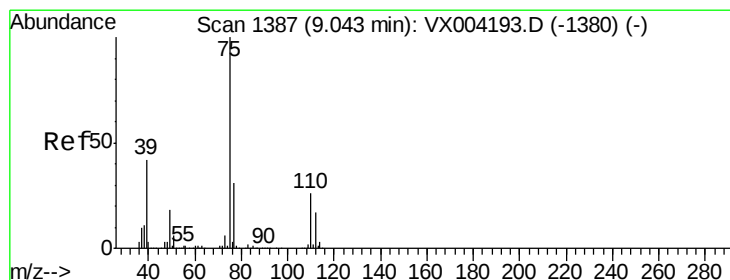
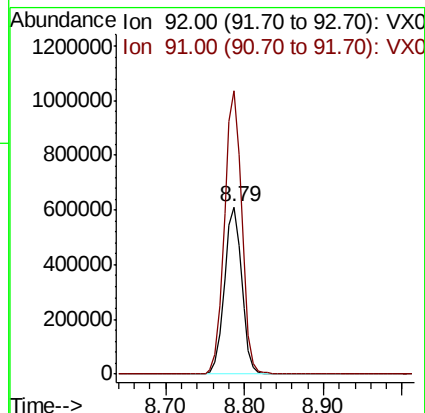
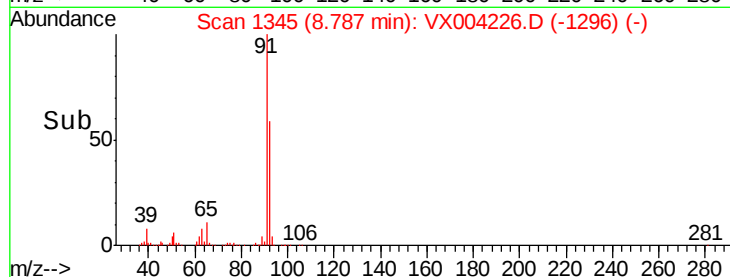
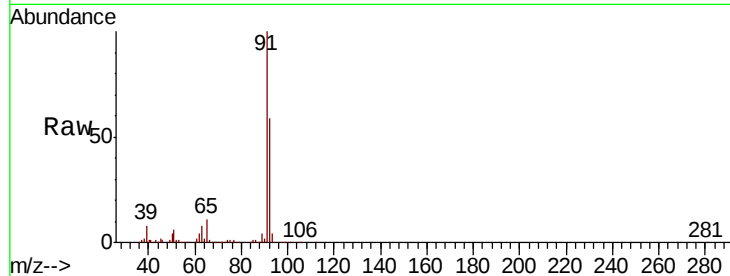
FL-0553

Tot Ion: 92 Resp: 930225

Ion Ratio Lower Upper

92 100

91 170.4 136.4 204.6



#53

t-1,3-Dichloropropene

Concen: 1.73 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.26 min

Lab File: VX004226.D

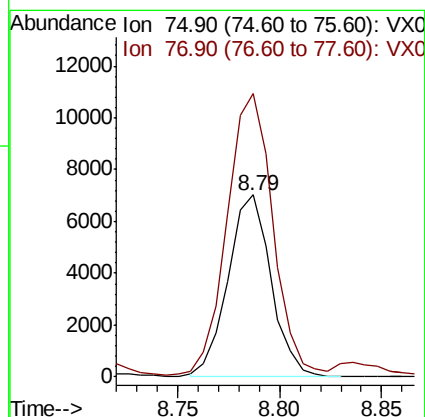
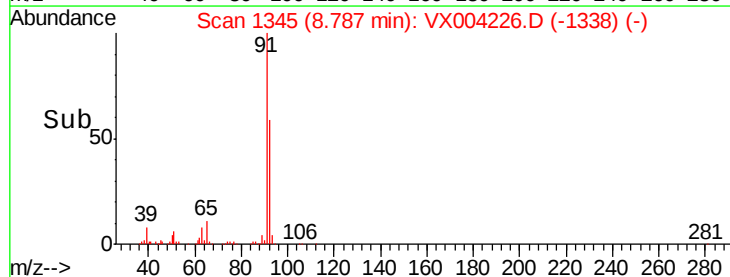
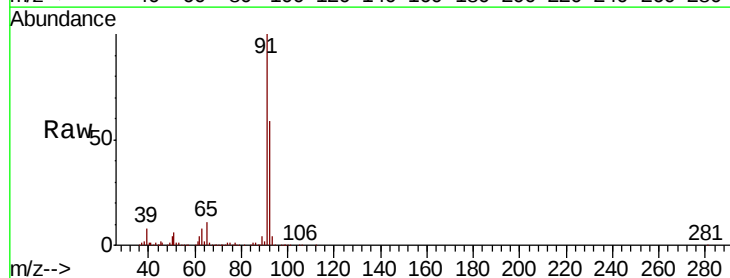
Acq: 23 Aug 2018 15:00

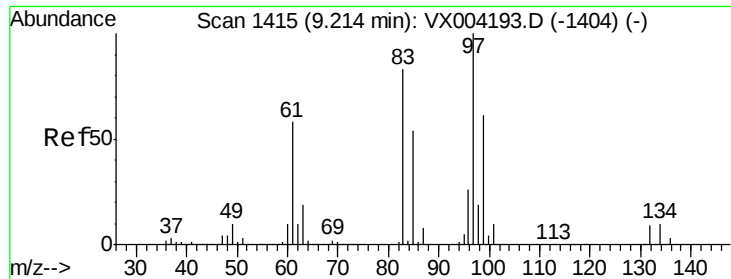
Tgt Ion: 75 Resp: 10218

Ion Ratio Lower Upper

75 100

77 152.8 24.6 37.0#

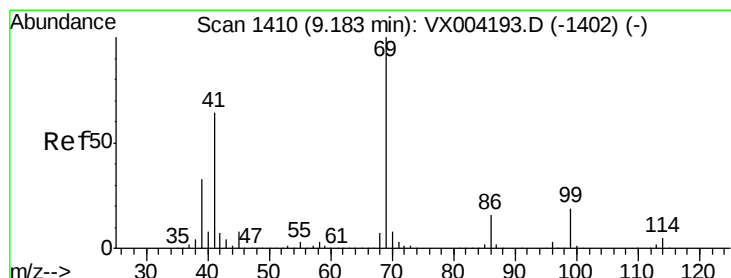
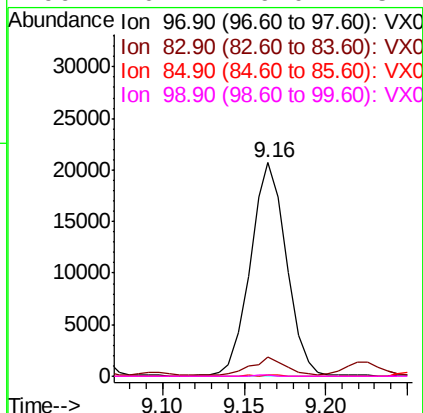
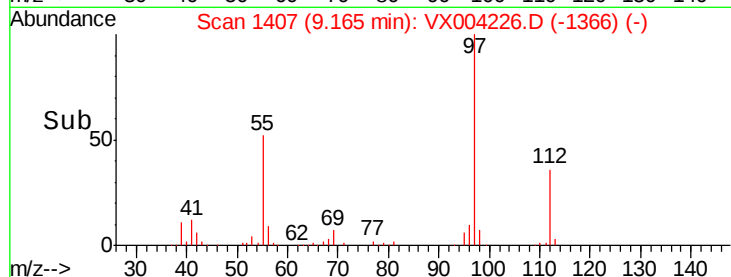
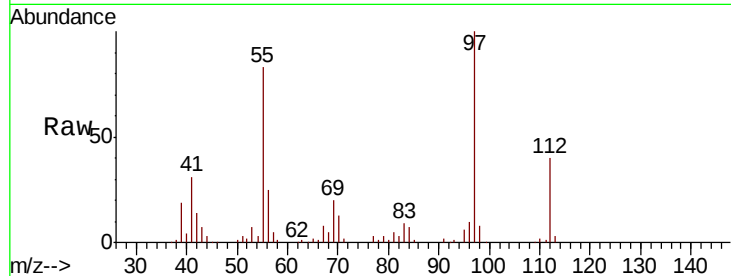




#55
 1,1,2-Trichloroethane
 Concen: 7.30 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

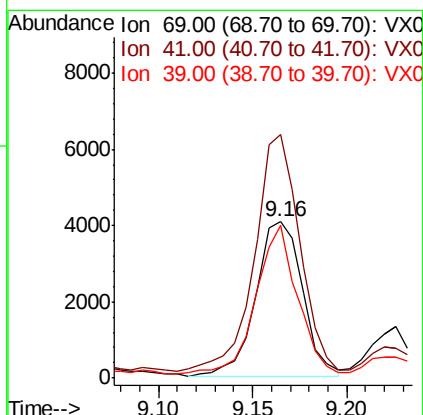
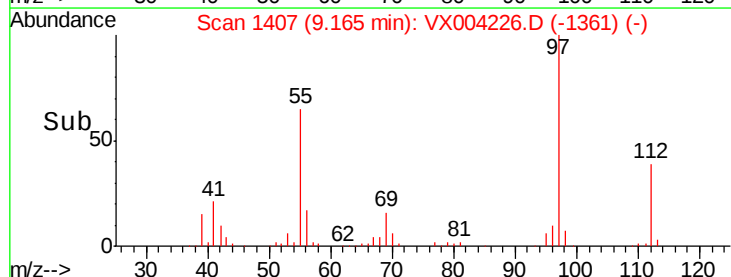
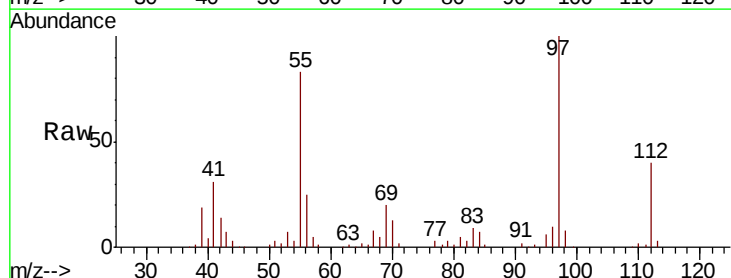
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0553

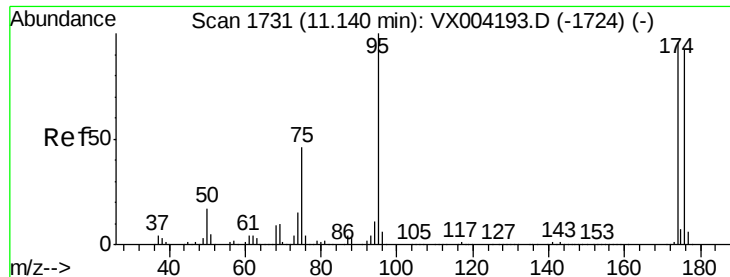
Tot Ion:	97	Resp:	31777
Ion	Ratio	Lower	Upper
97	100		
83	8.6	66.4	99.6#
85	0.6	43.3	64.9#
99	0.4	49.0	73.4#



#56
 Ethyl methacrylate
 Concen: 1.17 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

Tgt Ion:	69	Resp:	6945
Ion	Ratio	Lower	Upper
69	100		
41	148.5	51.0	76.4#
39	85.4	26.1	39.1#

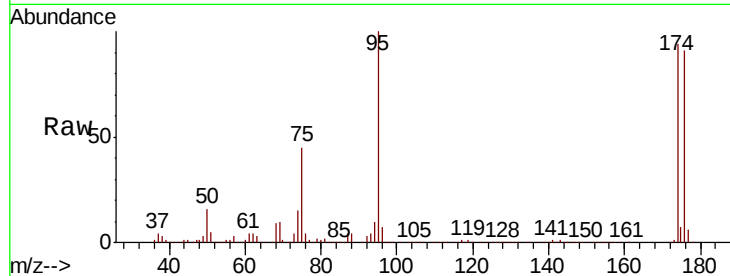




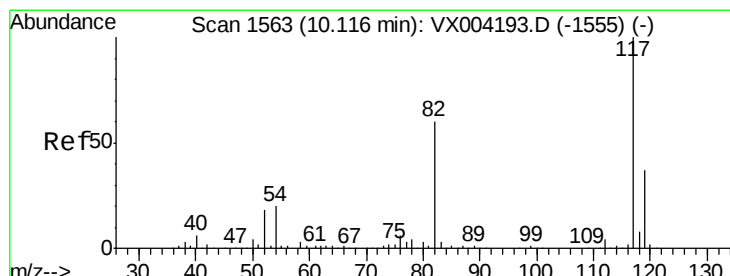
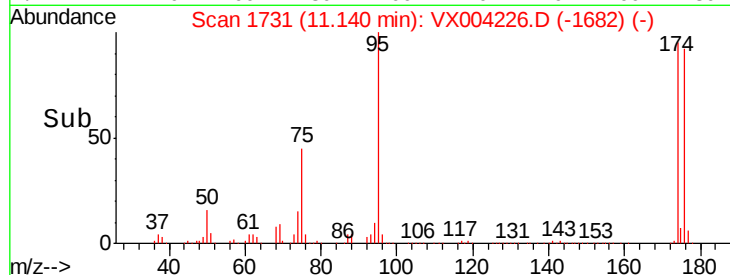
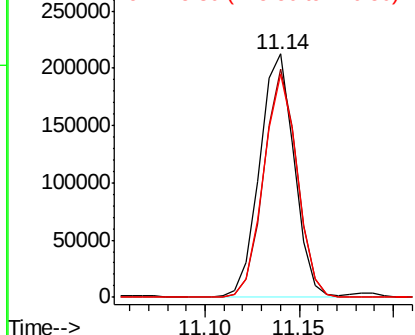
#62
4-Bromofluorobenzene
Concen: 50.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Instrument :
MSVOA_X
ClientSampled :
FL-0553

Tot Ion: 95 Resp: 270434
Ion Ratio Lower Upper
95 100
174 90.1 0.0 185.2
176 89.3 0.0 178.6

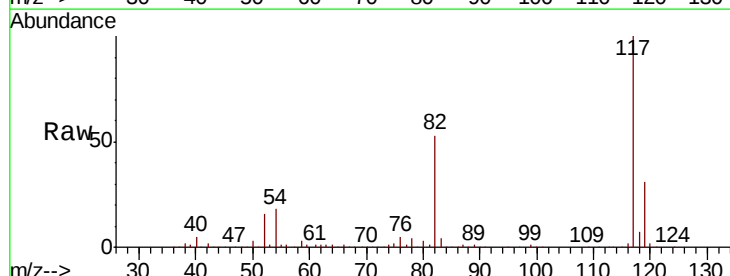


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

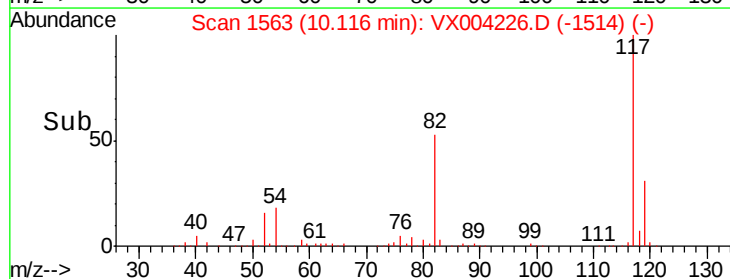
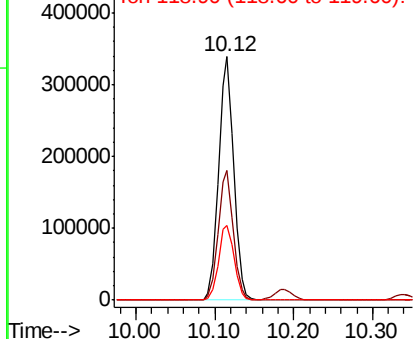


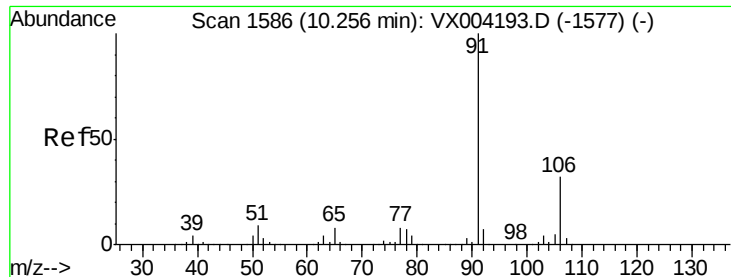
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Tgt Ion: 117 Resp: 452963
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 30.5 29.3 43.9



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





#67

Ethyl Benzene

Concen: 328.37 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

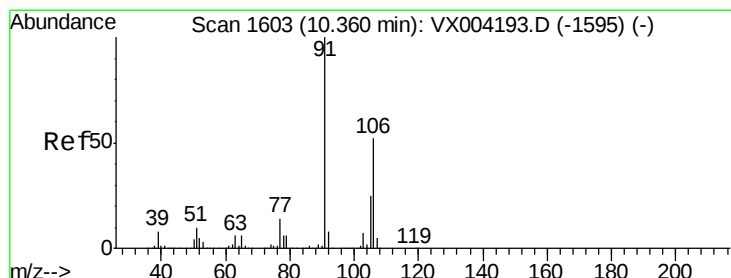
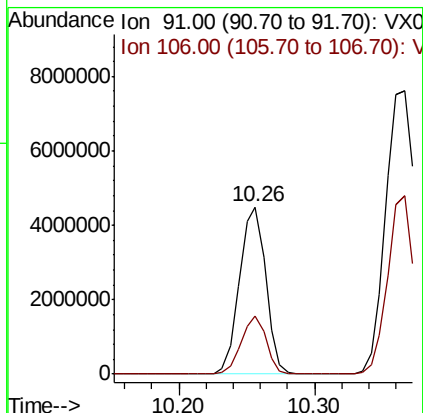
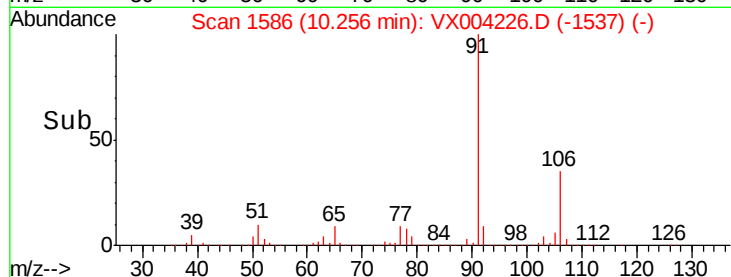
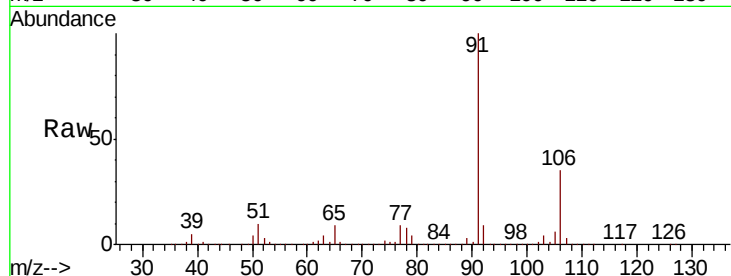
FL-0553

Tot Ion: 91 Resp: 6062517

Ion Ratio Lower Upper

91 100

106 34.9 25.9 38.9



#68

m/p-Xylenes

Concen: 892.58 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX004226.D

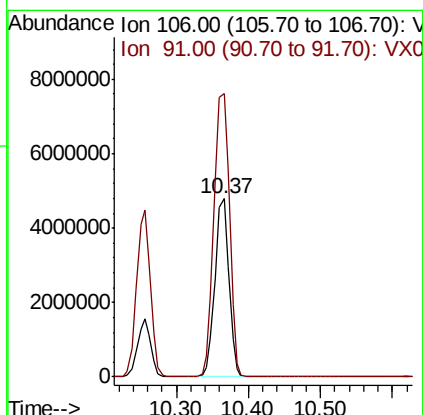
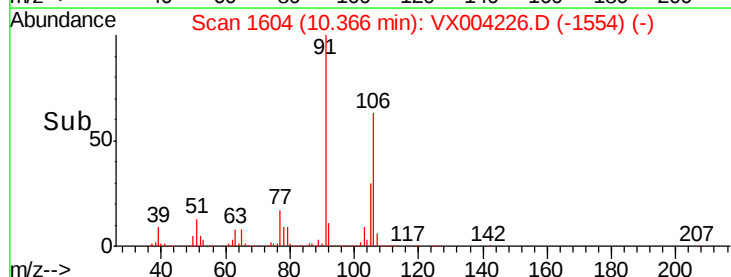
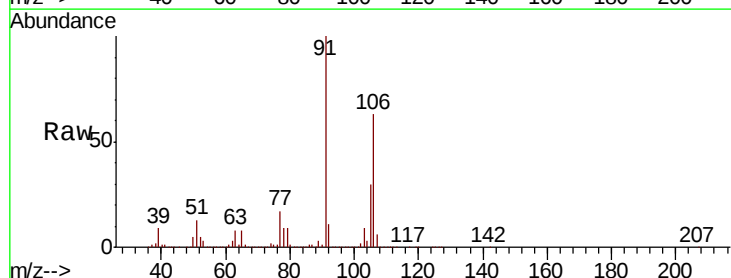
Acq: 23 Aug 2018 15:00

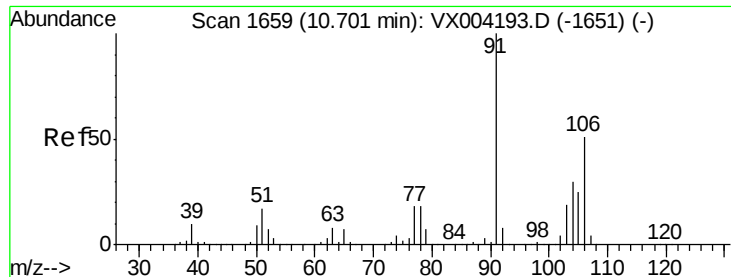
Tgt Ion: 106 Resp: 6443659

Ion Ratio Lower Upper

106 100

91 177.3 157.1 235.7

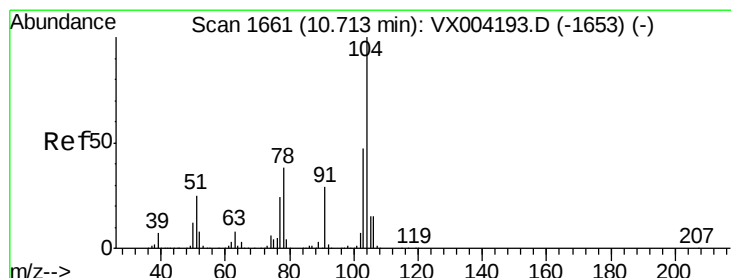
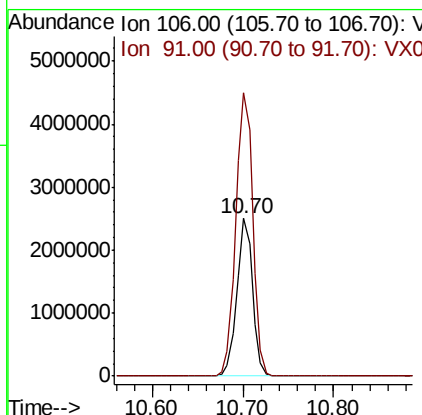
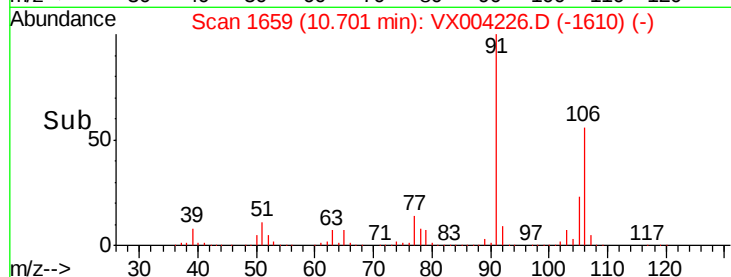
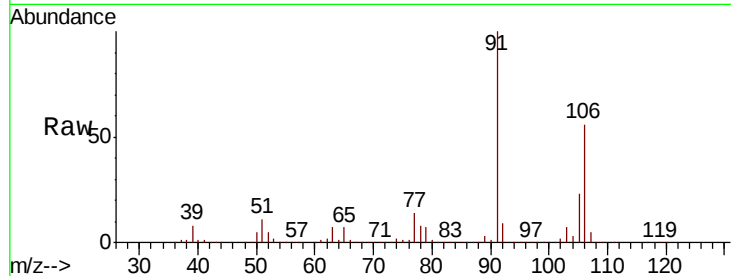




#69
o-Xylene
Concen: 436.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

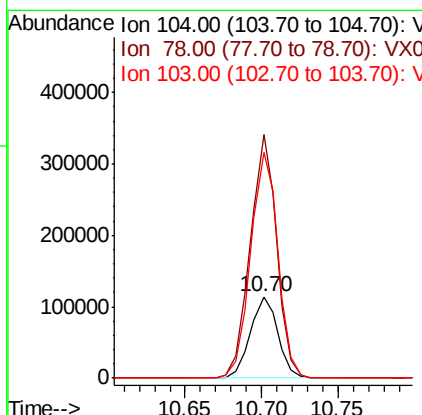
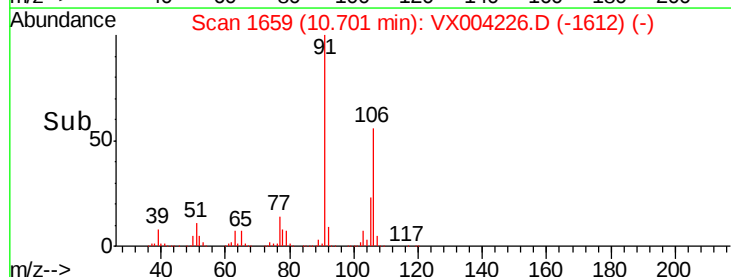
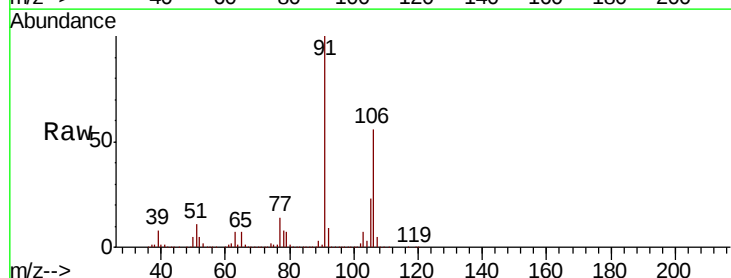
Instrument :
MSVOA_X
ClientSampled :
FL-0553

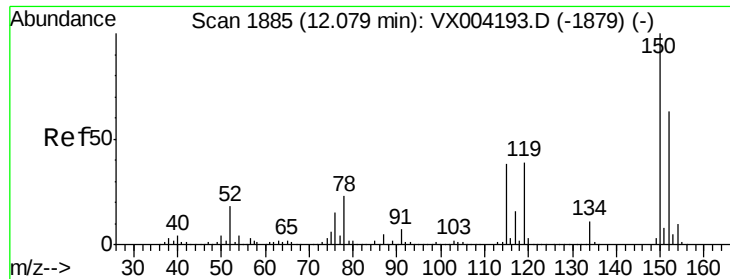
Tot Ion:106 Resp: 2978743
Ion Ratio Lower Upper
106 100
91 195.7 105.1 315.1



#70
Styrene
Concen: 12.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Tgt Ion:104 Resp: 141671
Ion Ratio Lower Upper
104 100
78 289.0 37.4 56.0#
103 277.1 43.8 65.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

FL-0553

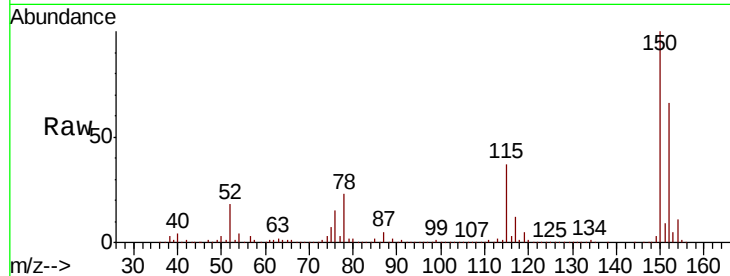
Tot Ion:152 Resp: 290150

Ion Ratio Lower Upper

152 100

115 57.2 39.0 117.0

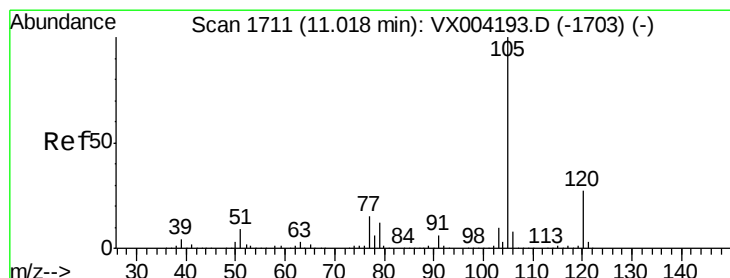
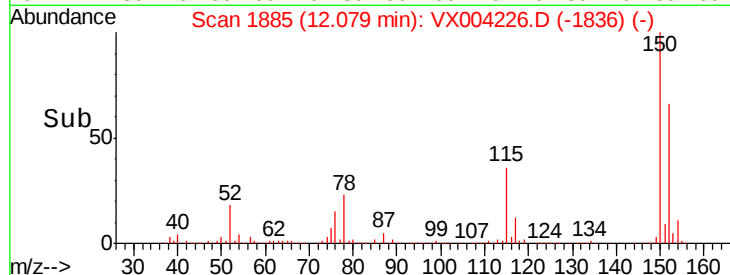
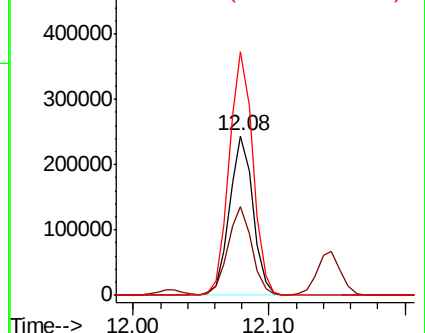
150 155.1 0.0 351.0



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: 34.42 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004226.D

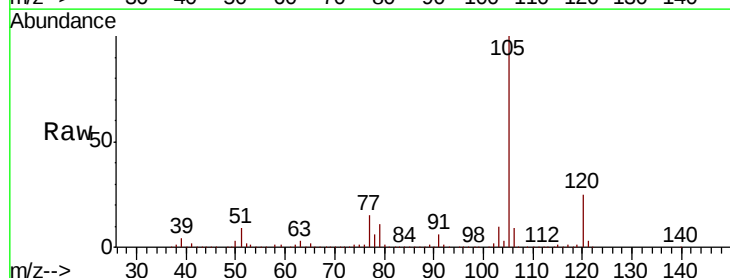
Acq: 23 Aug 2018 15:00

Tgt Ion:105 Resp: 655922

Ion Ratio Lower Upper

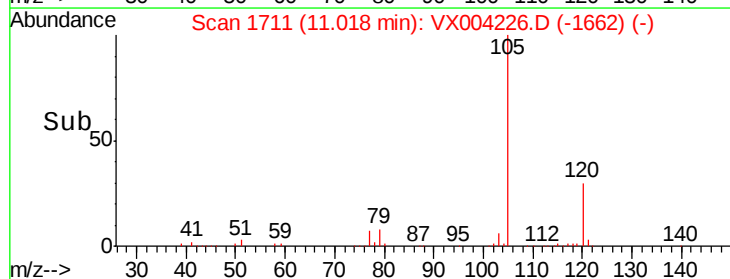
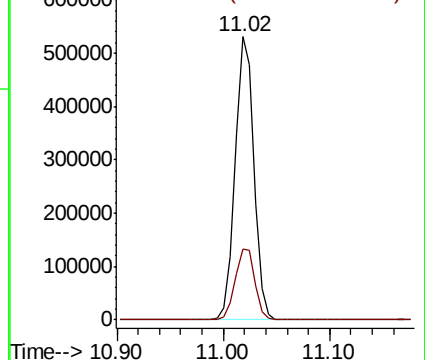
105 100

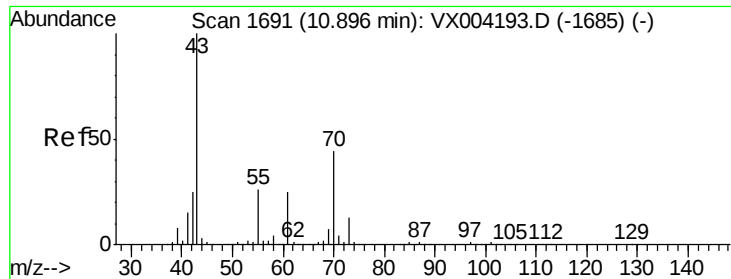
120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.27 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

FL-0553

Tot Ion: 43 Resp: 1962

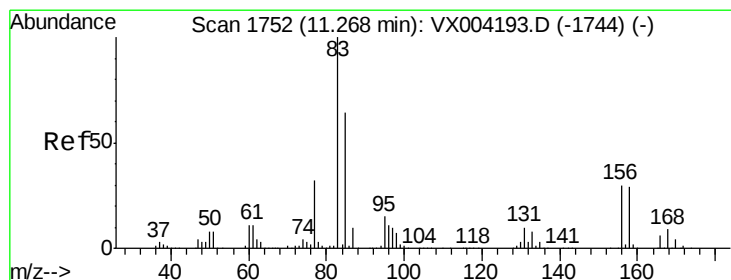
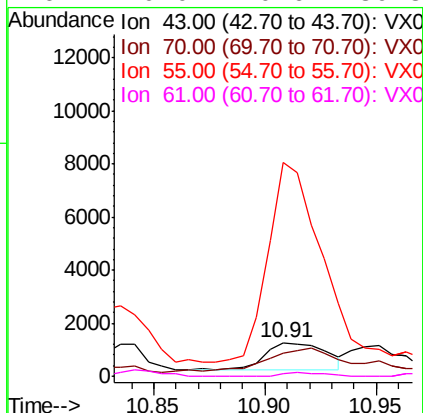
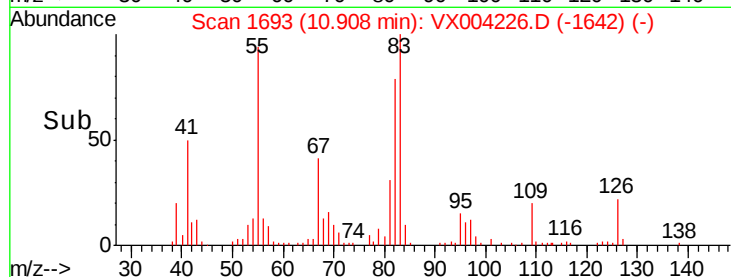
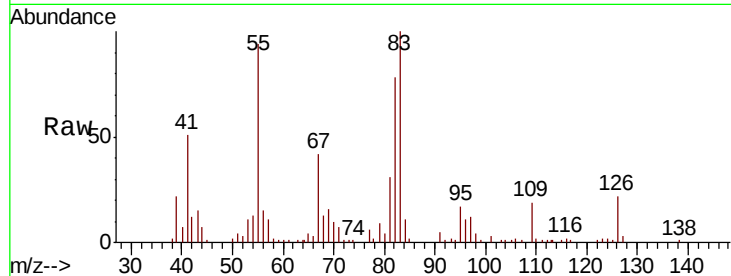
Ion Ratio Lower Upper

43 100

70 126.5 37.4 56.0#

55 706.1 21.8 32.8#

61 0.0 20.6 30.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.39 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

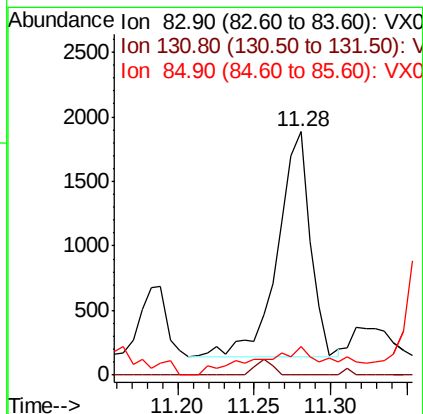
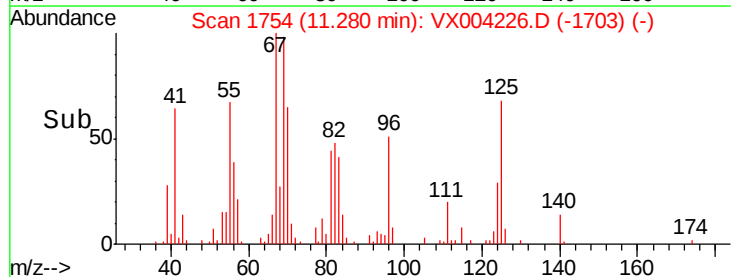
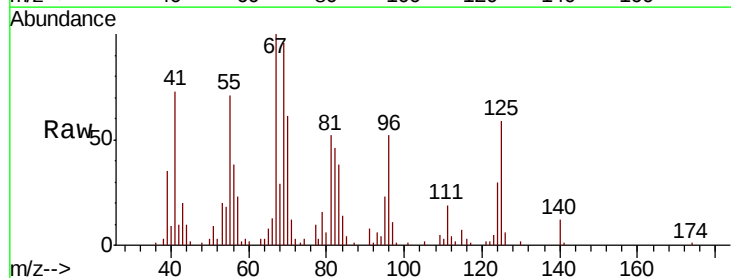
Tgt Ion: 83 Resp: 2577

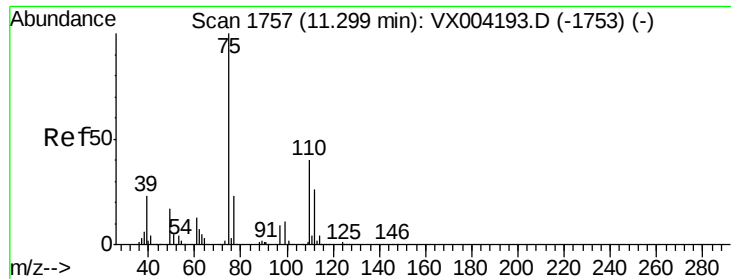
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 21.9 32.3 96.8#

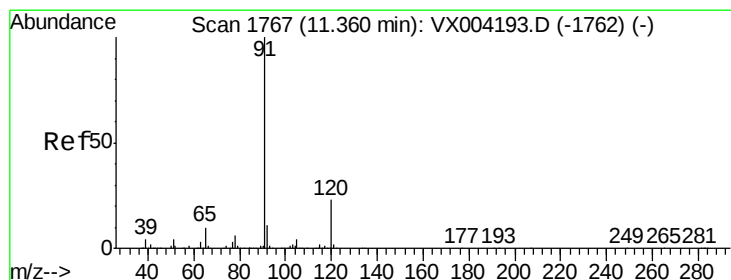
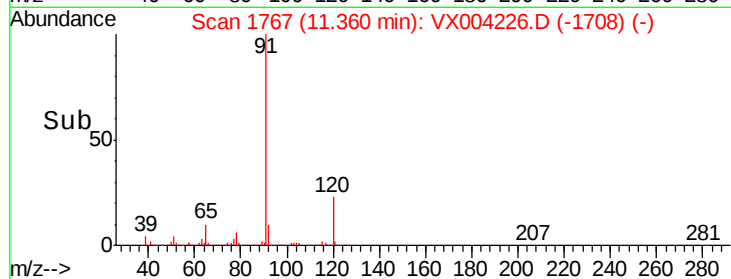
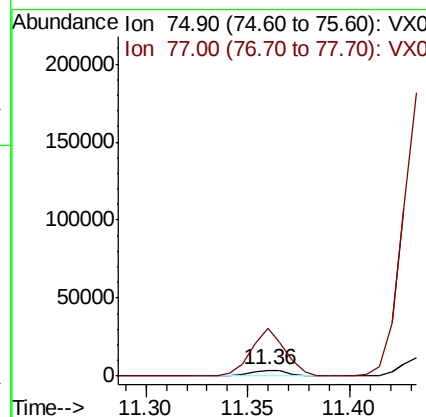
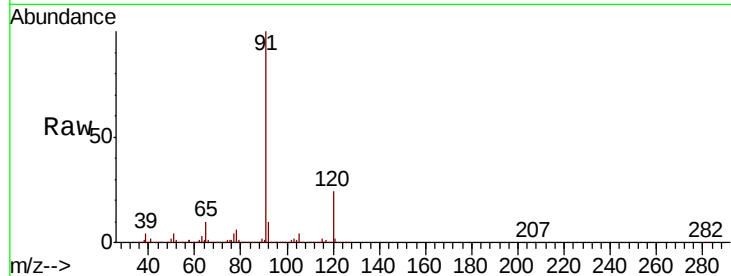




#76
 1,2,3-Trichloropropane
 Concen: 0.85 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. 0.06 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

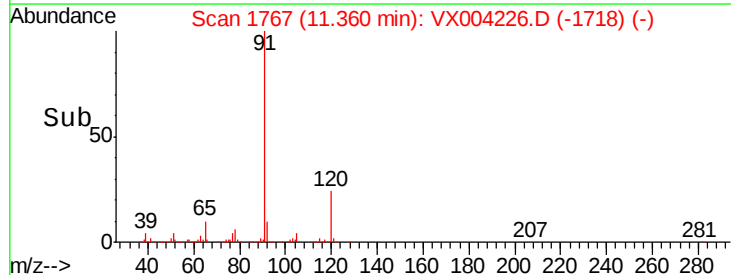
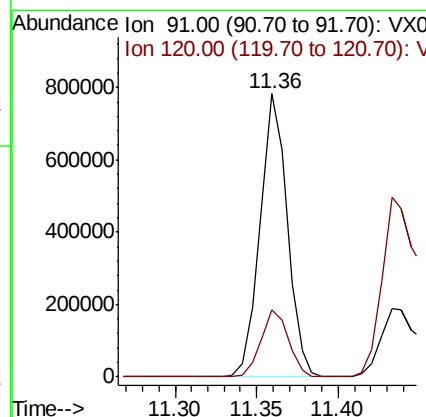
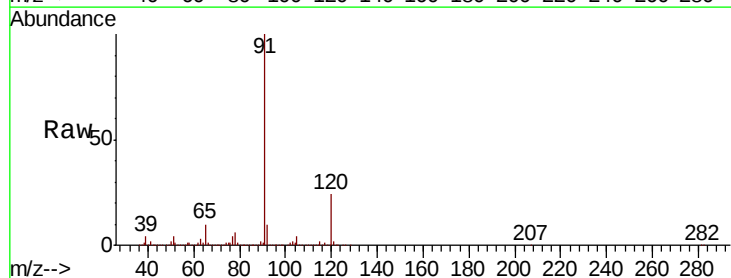
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0553

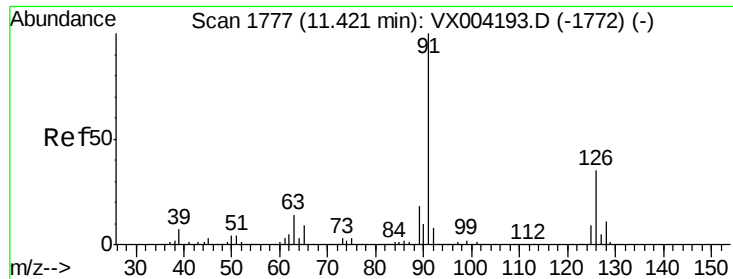
Tot Ion: 75 Resp: 5036
 Ion Ratio Lower Upper
 75 100
 77 691.2 20.2 60.6#



#78
 n-propylbenzene
 Concen: 41.64 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

Tgt Ion: 91 Resp: 912560
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.9 35.9

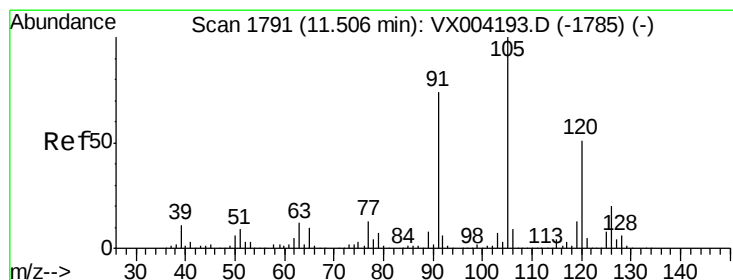
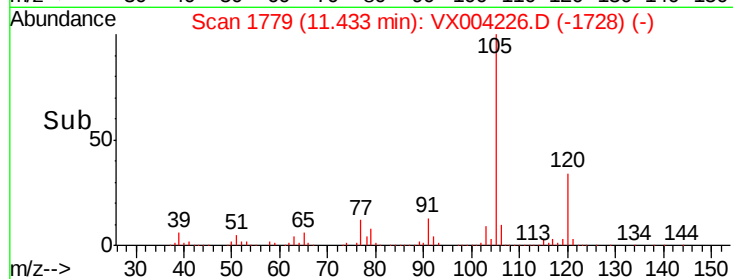
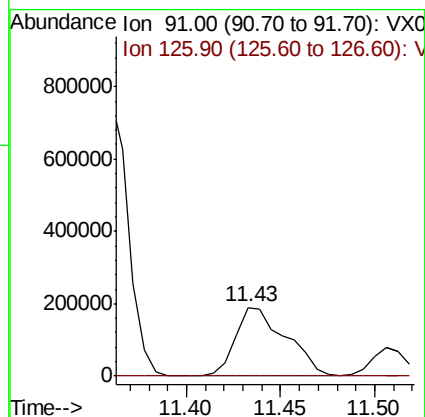
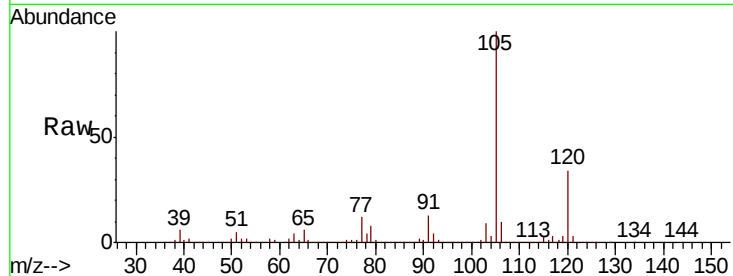




#79
 2-Chlorotoluene
 Concen: 26.04 ug/l
 RT: 11.43 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

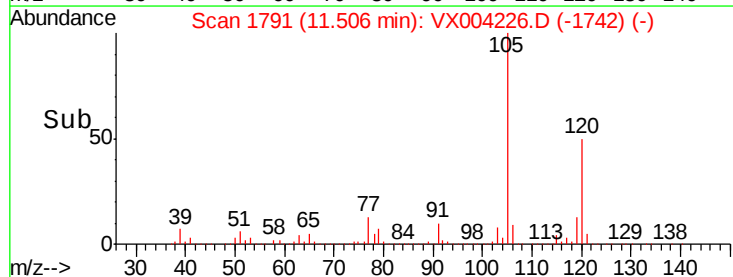
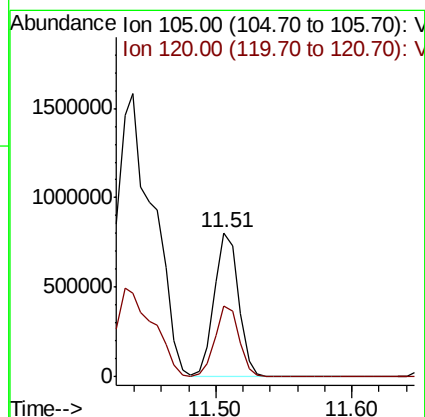
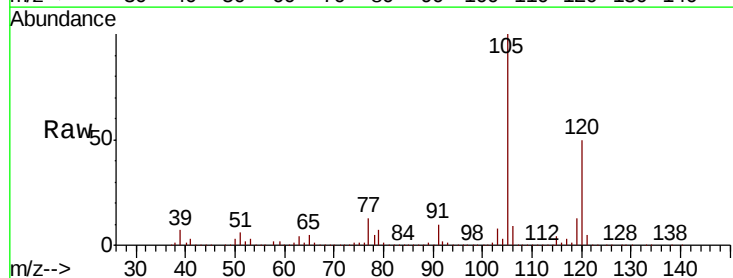
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0553

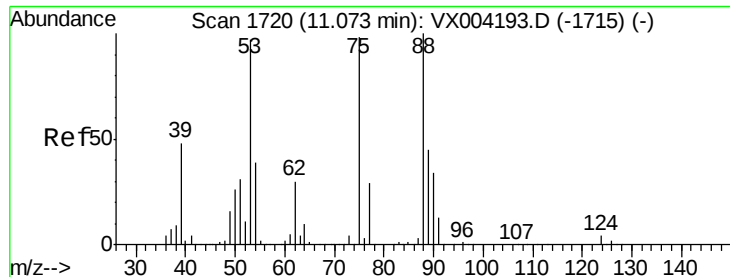
Tot Ion: 91 Resp: 351275
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 63.10 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

Tgt Ion:105 Resp: 995831
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.95 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.05 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

FL-0553

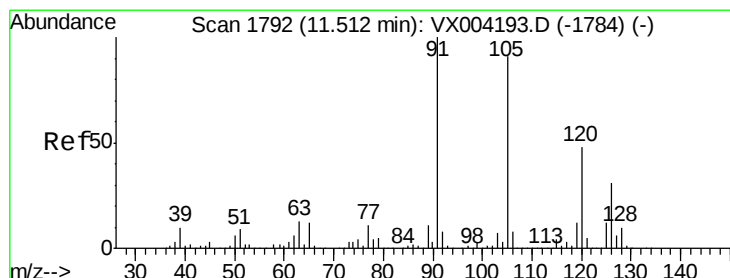
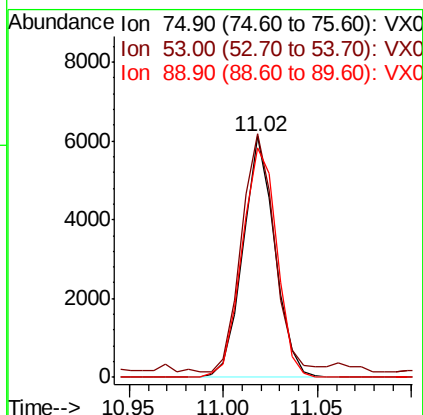
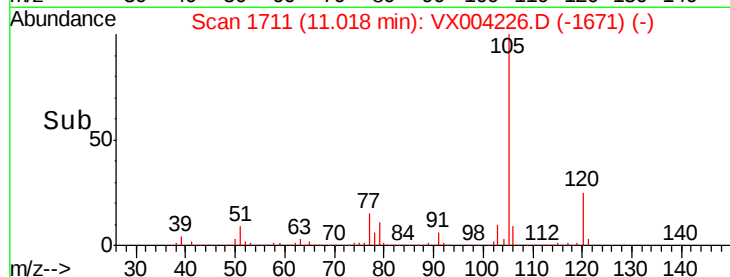
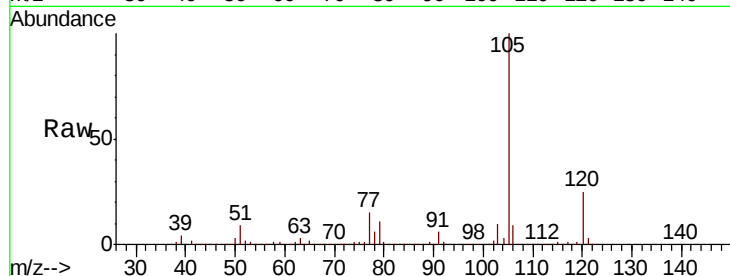
Tot Ion: 75 Resp: 7185

Ion Ratio Lower Upper

75 100

53 101.2 80.1 120.1

89 103.6 37.2 55.8#



#82

4-Chlorotoluene

Concen: 6.21 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX004226.D

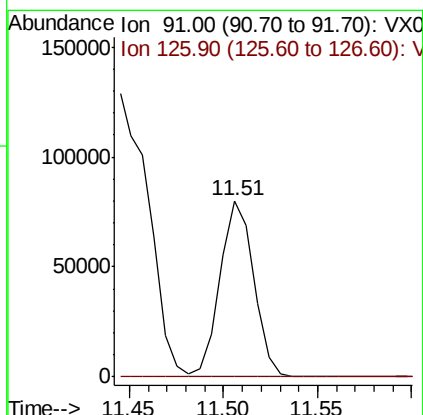
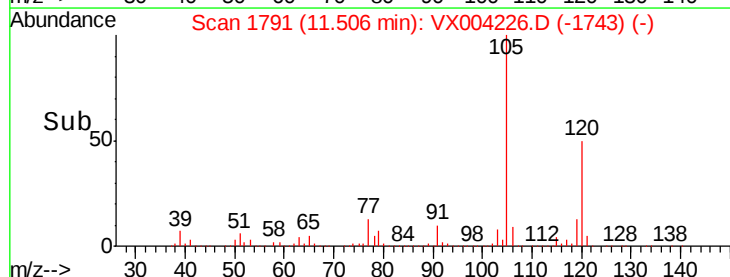
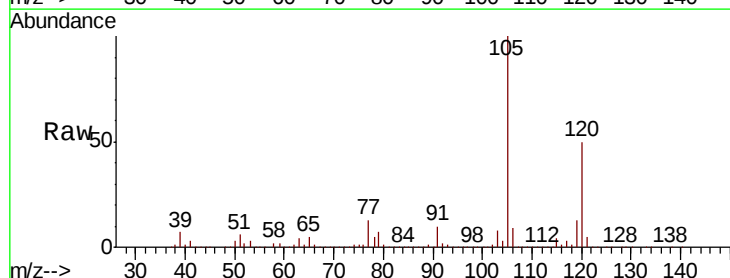
Acq: 23 Aug 2018 15:00

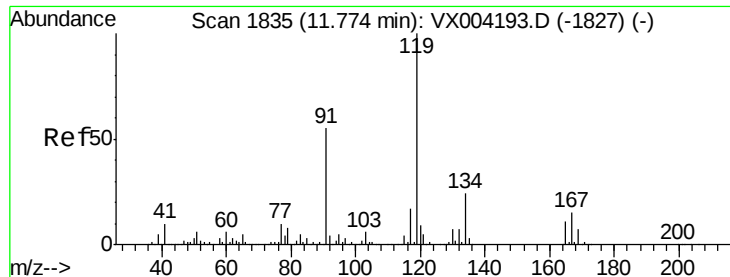
Tgt Ion: 91 Resp: 98646

Ion Ratio Lower Upper

91 100

126 0.3 15.5 46.5#

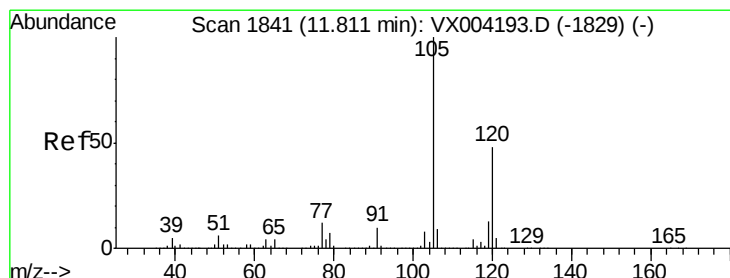
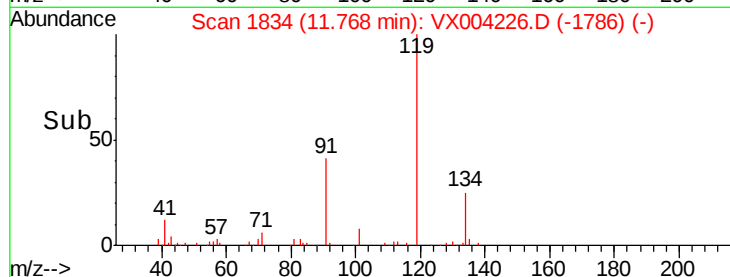
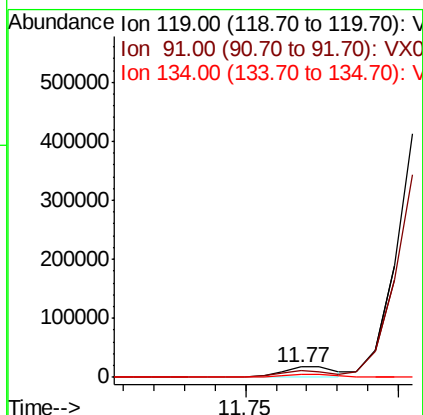
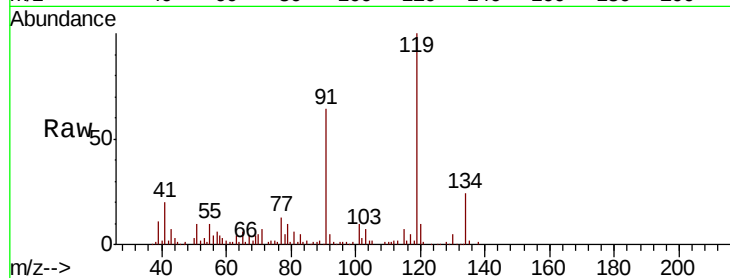




#83
 tert-Butylbenzene
 Concen: 1.35 ug/l
 RT: 11.77 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

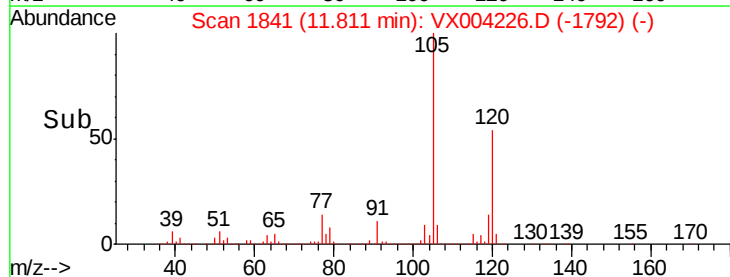
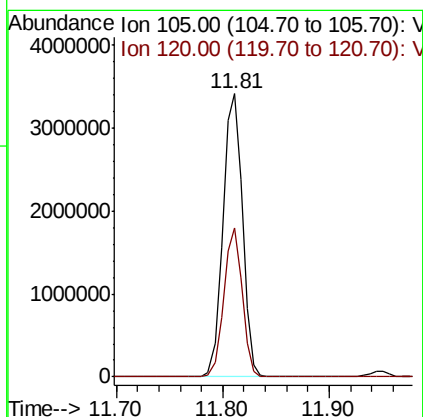
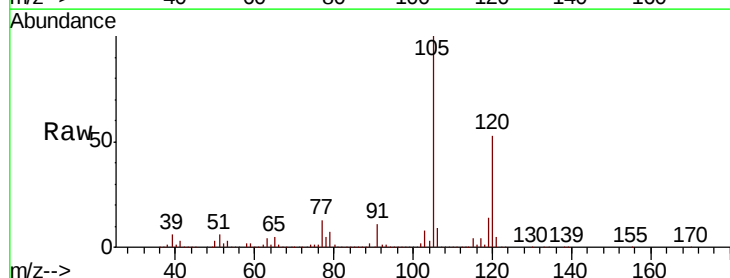
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0553

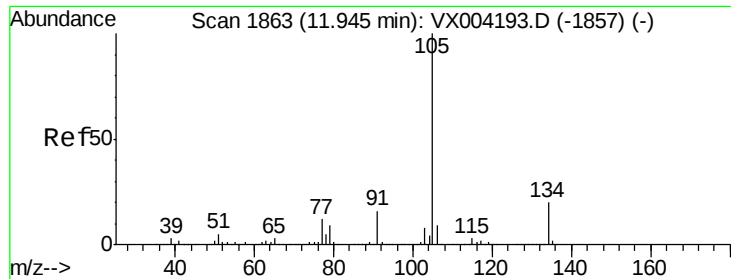
Tot Ion:119 Resp: 21433
 Ion Ratio Lower Upper
 119 100
 91 0.0 27.0 81.0#
 134 27.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 269.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

Tgt Ion:105 Resp: 4363742
 Ion Ratio Lower Upper
 105 100
 120 49.8 23.2 69.6

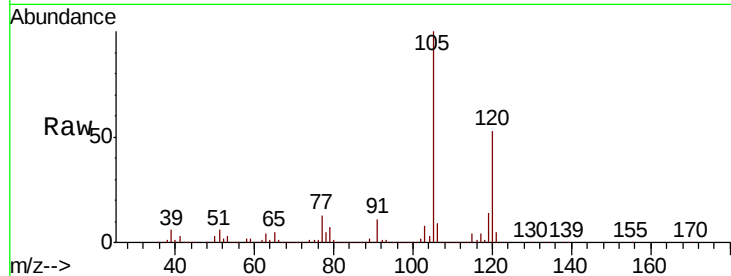




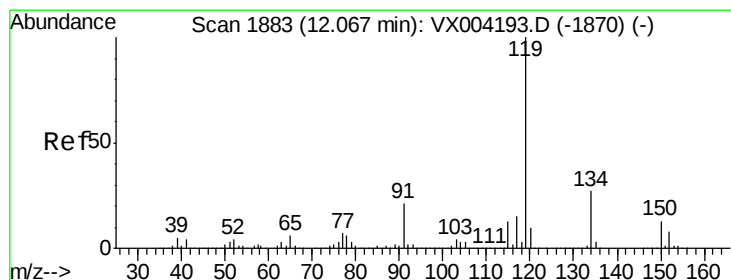
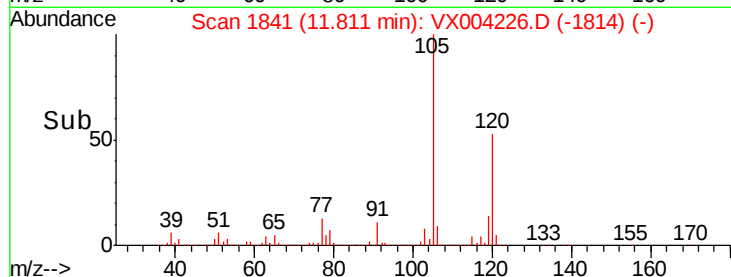
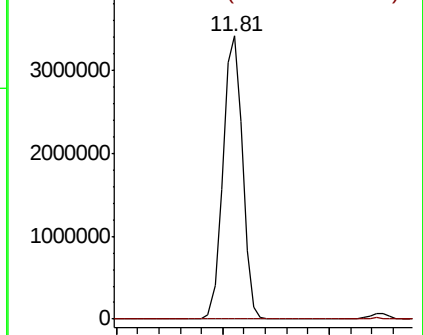
#85
 sec-Butylbenzene
 Concen: 231.48 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.13 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0553

Tot Ion:105 Resp: 4363742
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.5 31.5#

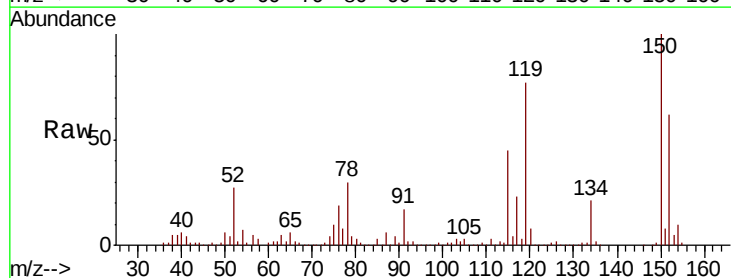


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

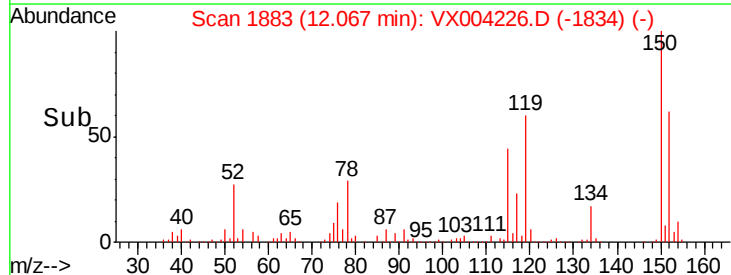
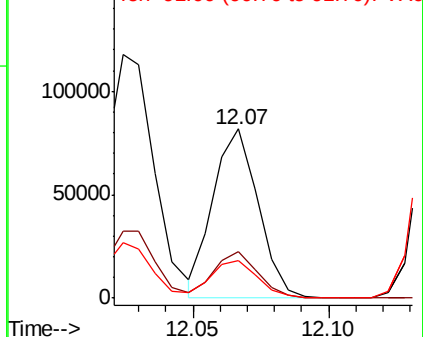


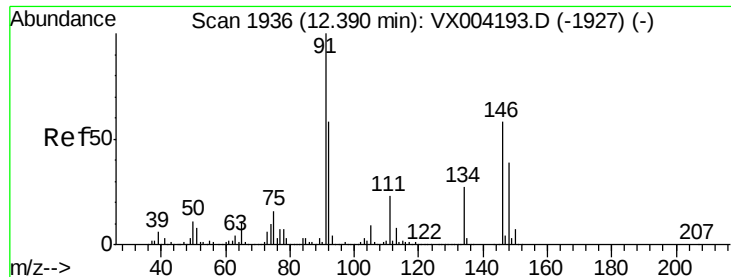
#86
 p-Isopropyltoluene
 Concen: 5.55 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004226.D
 Acq: 23 Aug 2018 15:00

Tgt Ion:119 Resp: 93716
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.3 10.9 32.7



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

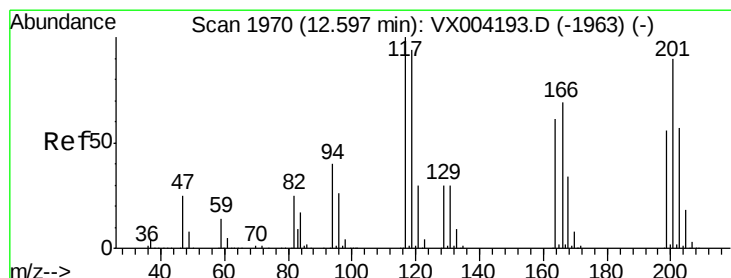
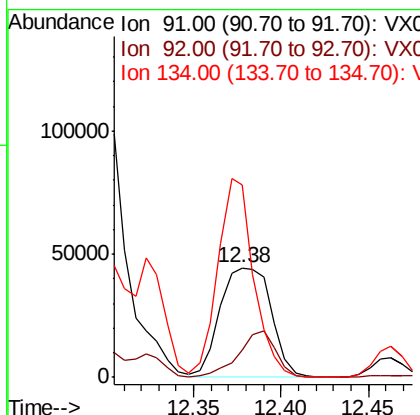
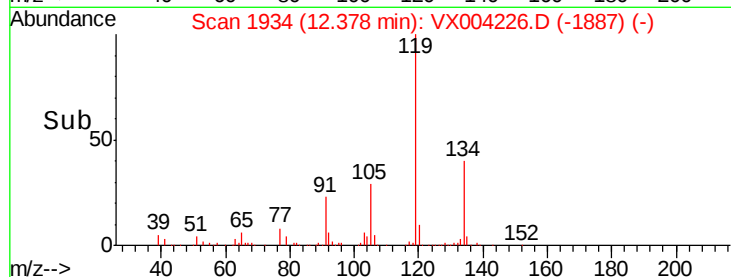
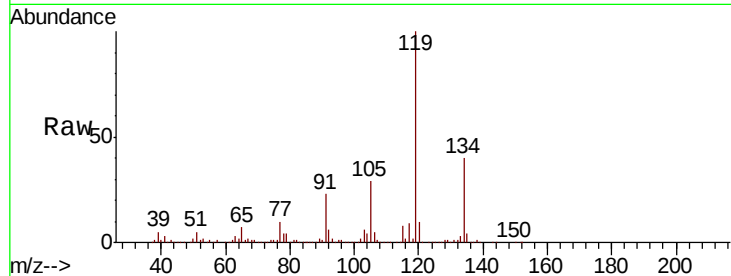




#89
n-Butylbenzene
Concen: 6.52 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

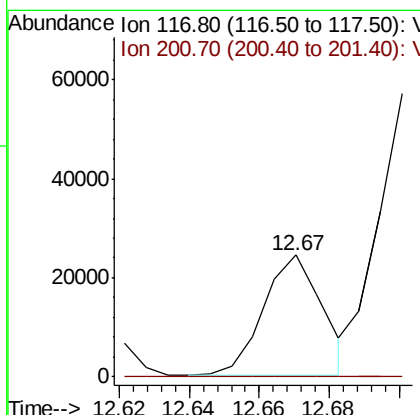
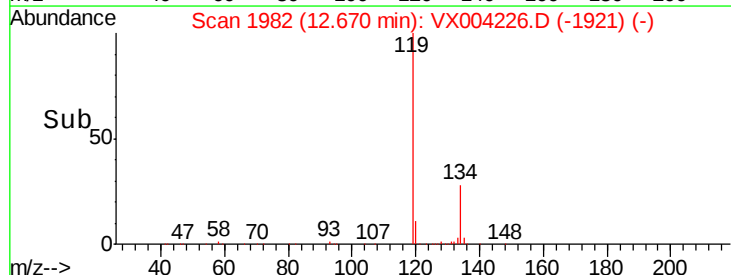
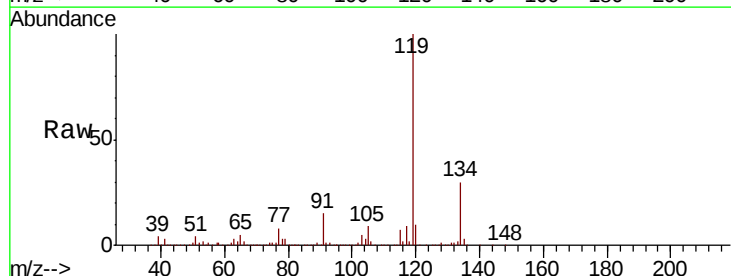
Instrument :
MSVOA_X
ClientSampled :
FL-0553

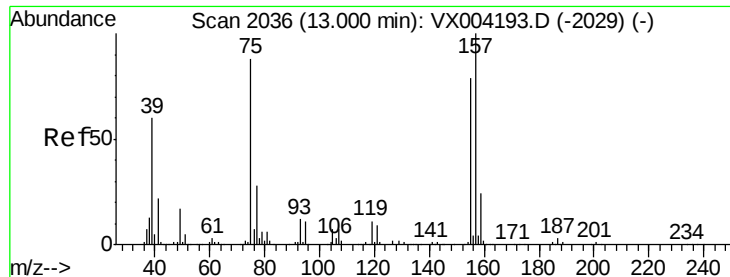
Tot Ion: 91 Resp: 89556
Ion Ratio Lower Upper
91 100
92 31.1 27.3 81.9
134 127.9 13.6 40.7#



#90
Hexachloroethane
Concen: 11.89 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX004226.D
Acq: 23 Aug 2018 15:00

Tgt Ion: 117 Resp: 28081
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.43 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

Instrument :

MSVOA_X

ClientSampled :

FL-0553

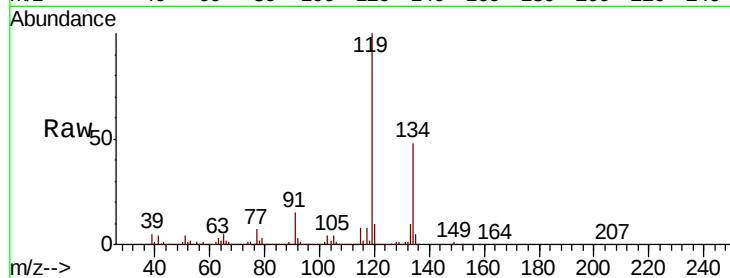
Tot Ion: 75 Resp: 1683

Ion Ratio Lower Upper

75 100

155 1.1 48.0 144.2#

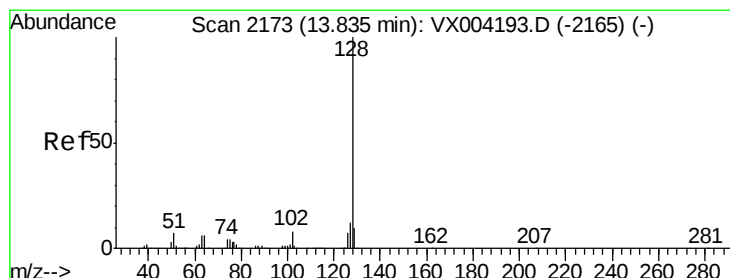
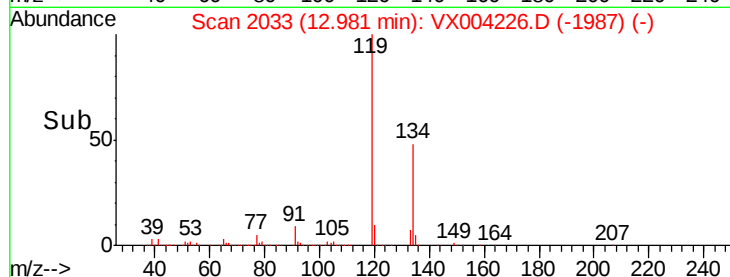
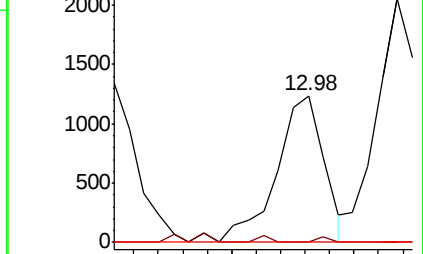
157 0.0 61.4 184.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 96.97 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004226.D

Acq: 23 Aug 2018 15:00

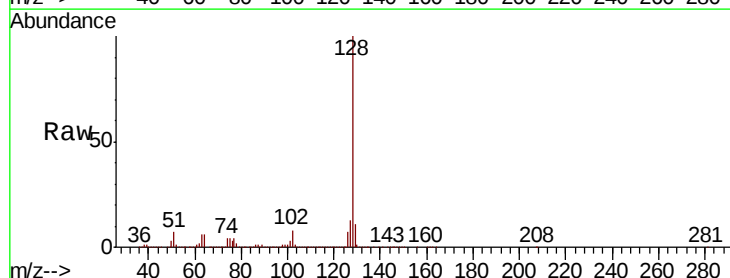
Tgt Ion:128 Resp: 1835727

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.6 12.8



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

