

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003951.D
 Acq On : 09 Aug 2018 15:30
 Operator : JC/MD
 Sample : J4387-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0567

Quant Time: Aug 10 01:04:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	346749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	525617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	506291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289053	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	218094	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
35) Dibromofluoromethane	5.51	113	189750	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
50) Toluene-d8	8.72	98	765412	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.14	95	274173	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2532	0.53	ug/l	# 80
5) Bromomethane	1.65	94	1026	Below	Cal	# 70
11) Tert butyl alcohol	3.07	59	789	0.71	ug/l	# 73
13) Acrolein	2.27	56	344	Below	Cal	# 1
14) Allyl chloride	2.84	41	181229	25.26	ug/l	# 66
15) Acrylonitrile	3.17	53	14300	5.43	ug/l	# 41
16) Acetone	2.45	43	13145	4.81	ug/l	96
17) Carbon Disulfide	2.57	76	2202	0.65	ug/l	97
18) Methyl Acetate	2.84	43	480553	80.71	ug/l	# 52
20) Methylene Chloride	2.84	84	1867	Below	Cal	# 1
25) 2-Butanone	4.71	43	1839	0.45	ug/l	97
26) 2,2-Dichloropropane	4.40	77	6315	1.12	ug/l	# 51
30) Chloroform	5.26	83	1995	0.27	ug/l	# 1
31) Cyclohexane	5.57	56	597571	90.20	ug/l	98
36) 1,1-Dichloropropene	5.67	75	21914	3.72	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	30360	5.42	ug/l	# 14
39) Methylcyclohexane	7.46	83	1124258	161.98	ug/l	99
40) Benzene	6.15	78	22655	1.28	ug/l	97
41) Methacrylonitrile	5.23	41	14292	4.01	ug/l	# 52
43) Isopropyl Acetate	6.45	43	15720	1.61	ug/l	# 62
45) 1,2-Dichloropropane	7.46	63	10431	2.29	ug/l	# 1
47) Bromodichloromethane	7.85	83	3445	0.62	ug/l	# 1
48) Methyl methacrylate	7.73	41	58596	11.83	ug/l	# 47
51) 4-Methyl-2-Pentanone	8.67	43	25481	3.15	ug/l	# 46
52) Toluene	8.79	92	5447	0.49	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	99231	21.74	ug/l	# 19
56) Ethyl methacrylate	9.16	69	21361	3.23	ug/l	# 1
59) 2-Hexanone	9.51	43	1378	0.23	ug/l	# 53
67) Ethyl Benzene	10.26	91	861202	39.94	ug/l	100
68) m/p-Xylenes	10.36	106	3988879	473.38	ug/l	89
69) o-Xylene	10.70	106	107679	13.54	ug/l	97
70) Styrene	10.70	104	5673	0.44	ug/l	# 1
73) Isopropylbenzene	11.02	105	841988	39.38	ug/l	97
74) N-amyl acetate	6.45	43	15758	1.42	ug/l	# 59

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

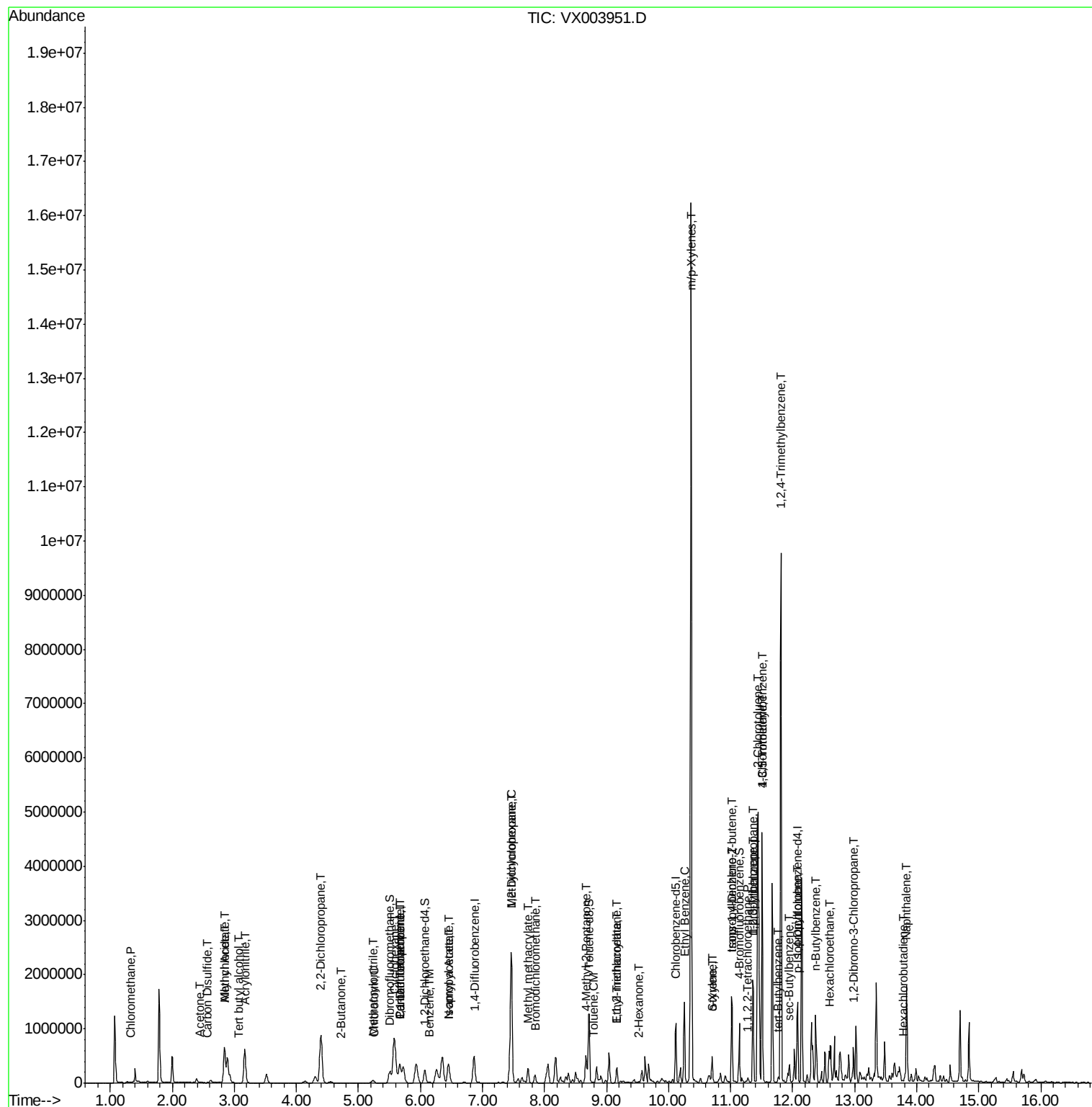
75) 1,1,2,2-Tetrachloroethane	11.28	83	4265	0.58	ug/l #	50
76) 1,2,3-Trichloropropane	11.36	75	7159	1.12	ug/l #	1
78) n-propylbenzene	11.36	91	1167309	48.61	ug/l	100
79) 2-Chlorotoluene	11.44	91	445489	30.43	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	2008680	115.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	9185	5.96	ug/l #	63
82) 4-Chlorotoluene	11.51	91	205810	12.00	ug/l #	44
83) tert-Butylbenzene	11.77	119	32855	1.92	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	4143233	236.33	ug/l	98
85) sec-Butylbenzene	11.95	105	180559	8.92	ug/l #	76
86) p-Isopropyltoluene	12.07	119	163769	9.02	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	526	Below	Cal #	1
89) n-Butylbenzene	12.38	91	159213	10.06	ug/l #	13
90) Hexachloroethane	12.59	117	23302	7.90	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2301	1.53	ug/l #	1
94) Hexachlorobutadiene	13.79	225	268	0.51	ug/l	92
95) Naphthalene	13.83	128	1123675	52.19	ug/l	99

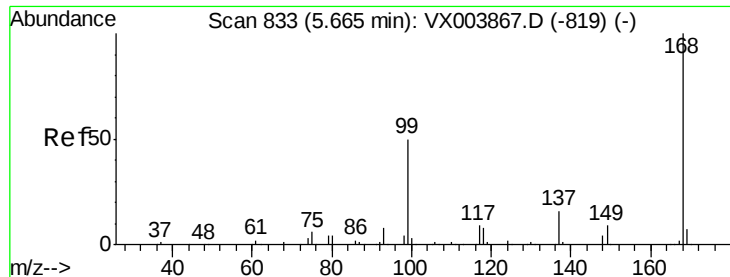
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

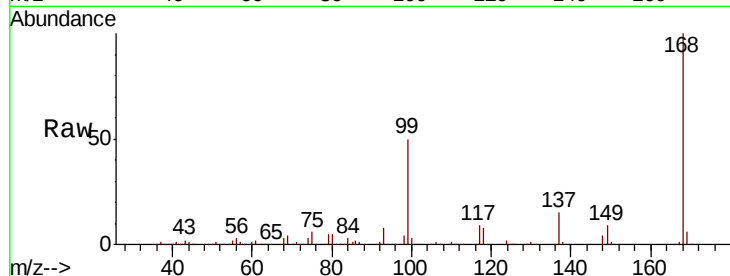
FL-0567

Tot Ion:168 Resp: 346749

Ion Ratio Lower Upper

168 100

99 49.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

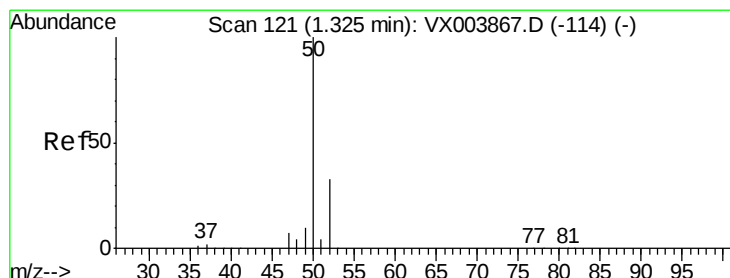
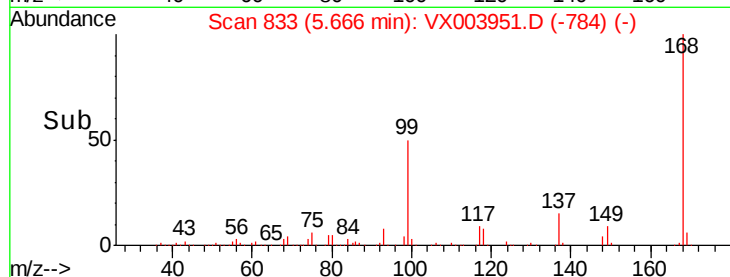
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003951.D

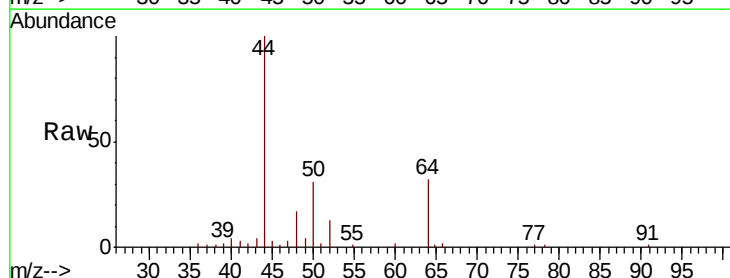
Acq: 09 Aug 2018 15:30

Tgt Ion: 50 Resp: 2532

Ion Ratio Lower Upper

50 100

52 44.6 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

2500

2000

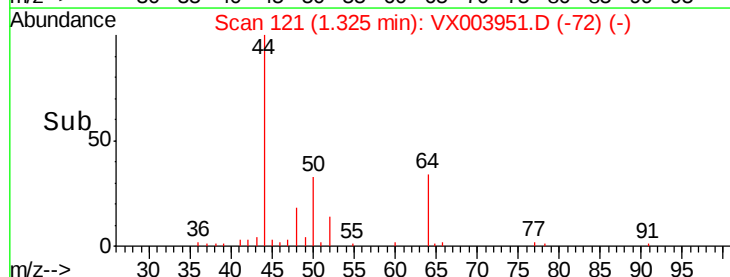
1500

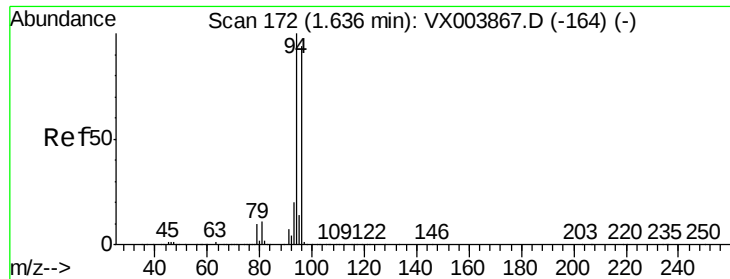
1000

500

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

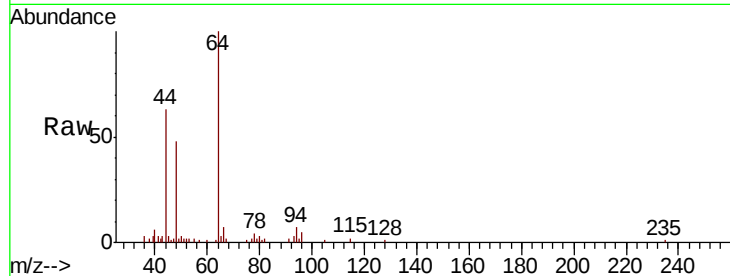
FL-0567

Tot Ion: 94 Resp: 1026

Ion Ratio Lower Upper

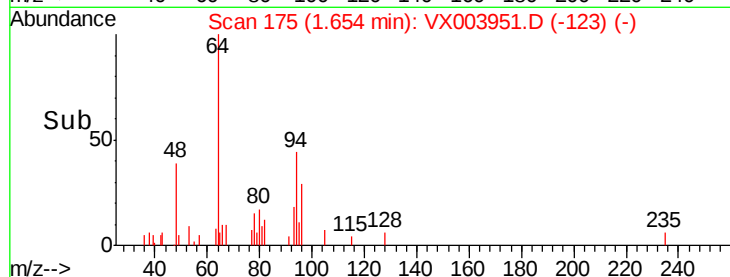
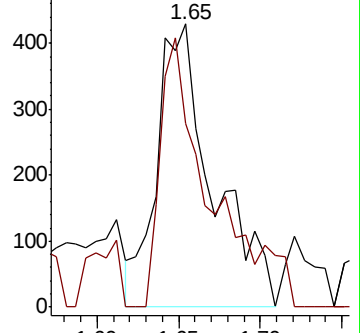
94 100

96 64.8 75.2 112.8#

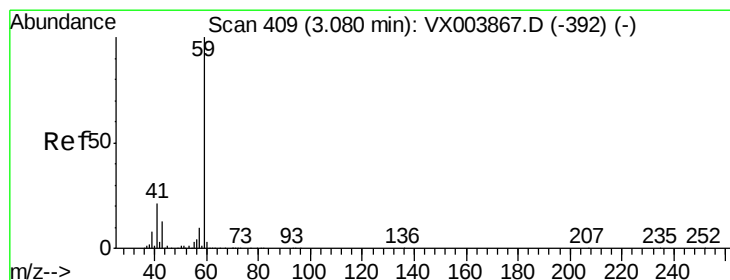


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#11

Tert butyl alcohol

Concen: 0.71 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX003951.D

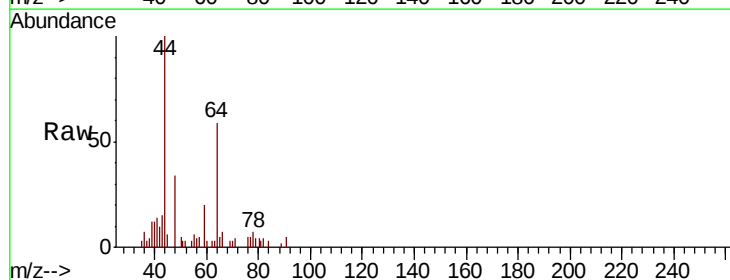
Acq: 09 Aug 2018 15:30

Tgt Ion: 59 Resp: 789

Ion Ratio Lower Upper

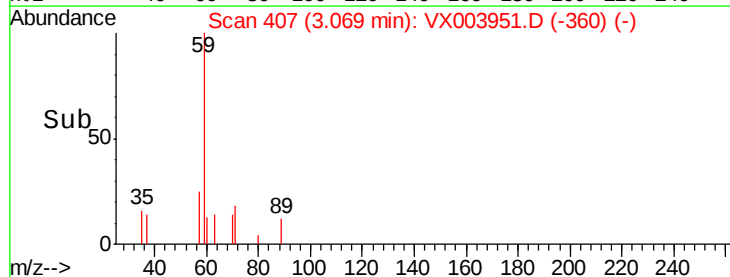
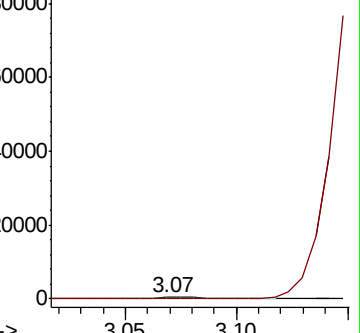
59 100

57 0.0 8.1 12.1#

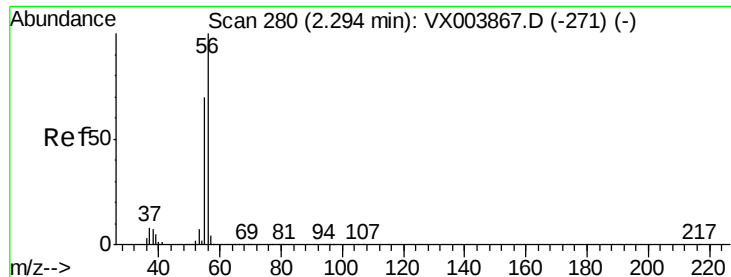


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#13

Acrolein

Concen: Below Cal

RT: 2.27 min Scan# 276

Delta R.T. -0.02 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

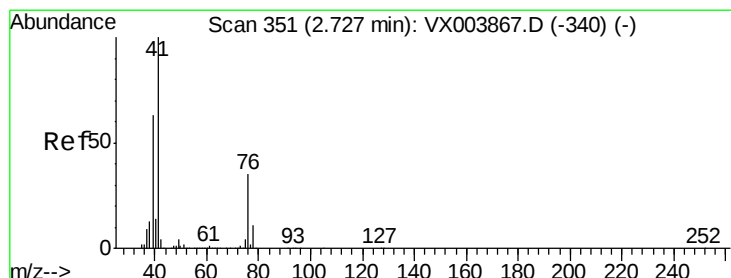
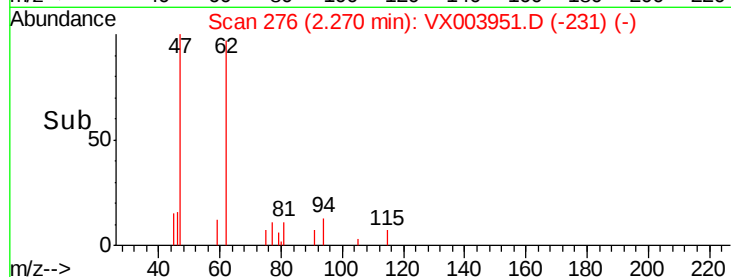
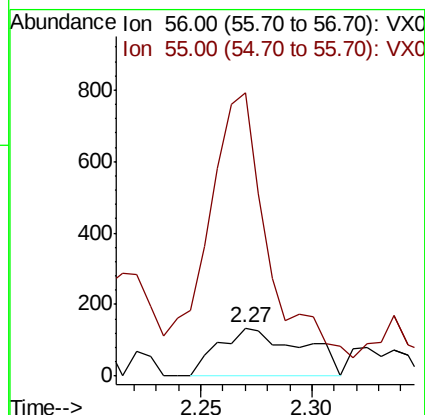
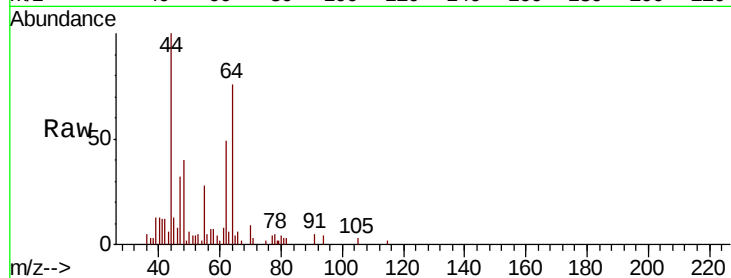
FL-0567

Tot Ion: 56 Resp: 344

Ion Ratio Lower Upper

56 100

55 384.3 56.1 84.1#



#14

Allyl chloride

Concen: 25.26 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

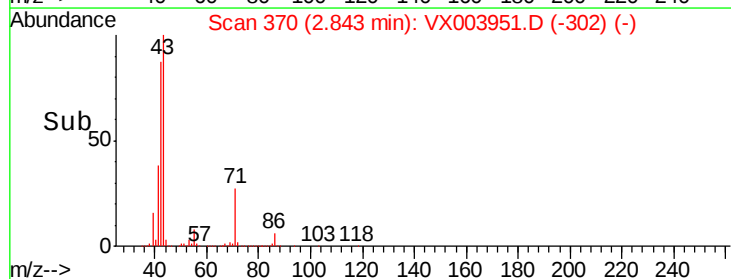
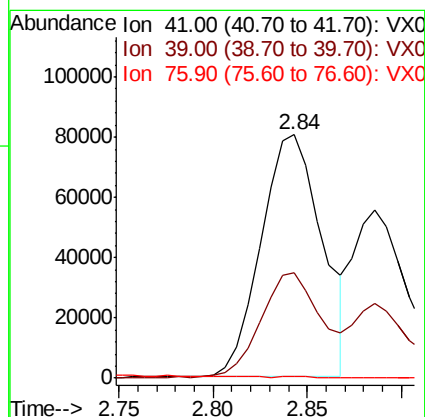
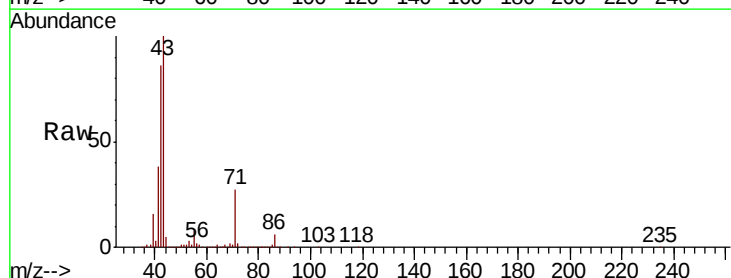
Tgt Ion: 41 Resp: 181229

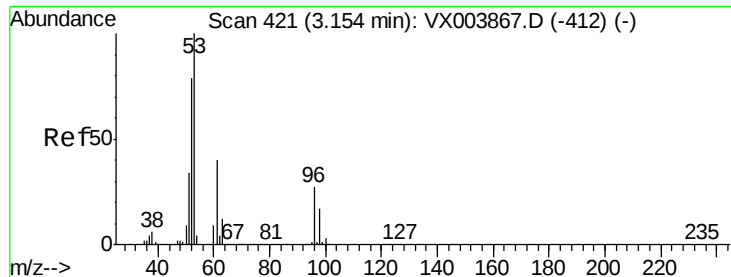
Ion Ratio Lower Upper

41 100

39 43.4 47.4 71.0#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 5.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

FL-0567

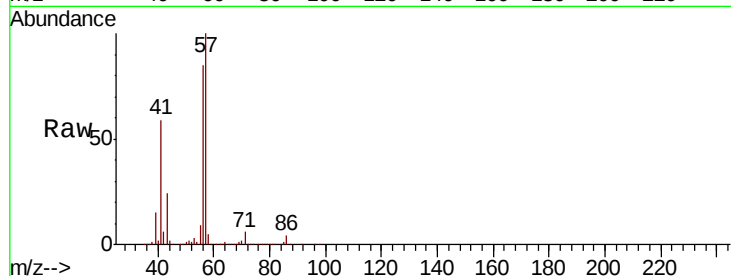
Tot Ion: 53 Resp: 14300

Ion Ratio Lower Upper

53 100

52 21.4 65.3 97.9#

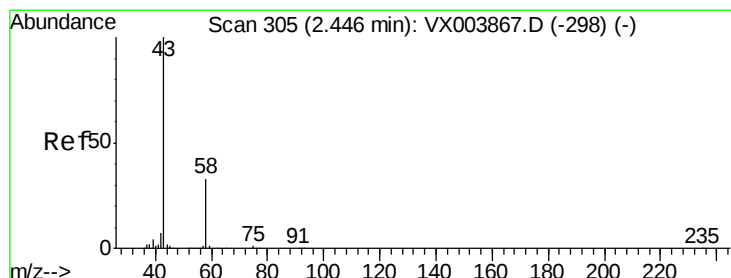
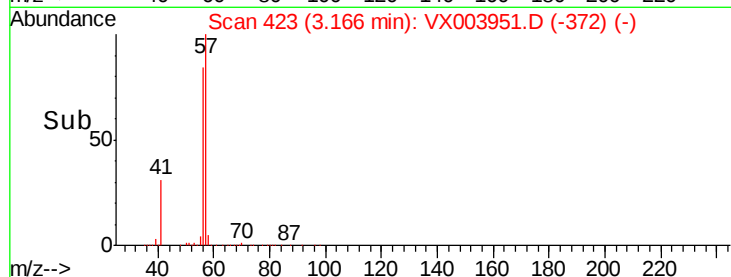
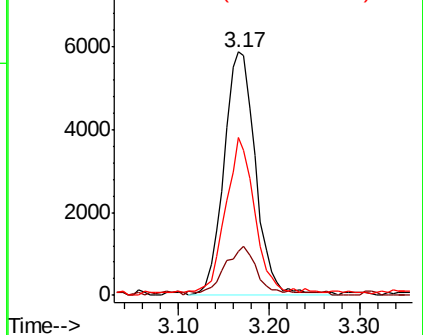
51 58.3 27.9 41.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 4.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003951.D

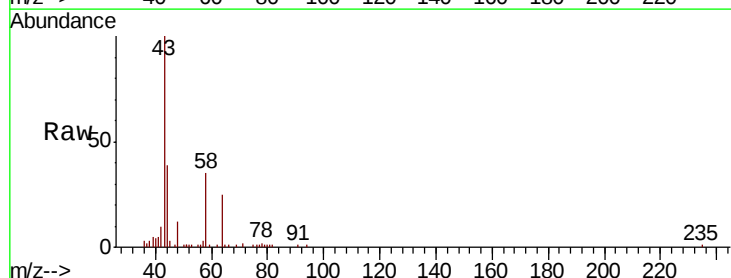
Acq: 09 Aug 2018 15:30

Tgt Ion: 43 Resp: 13145

Ion Ratio Lower Upper

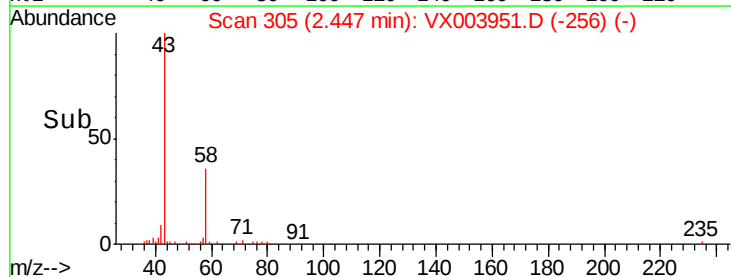
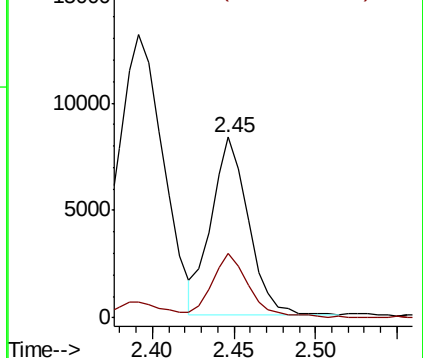
43 100

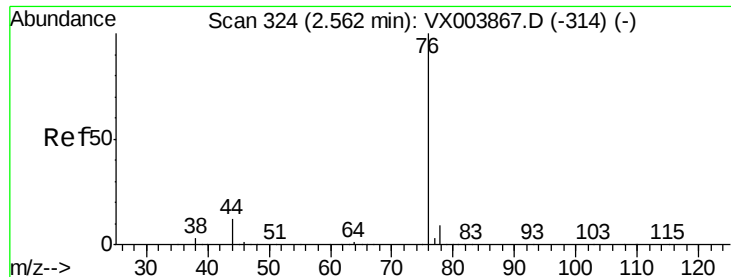
58 35.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

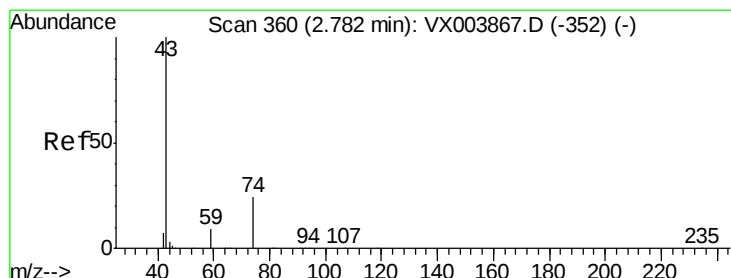
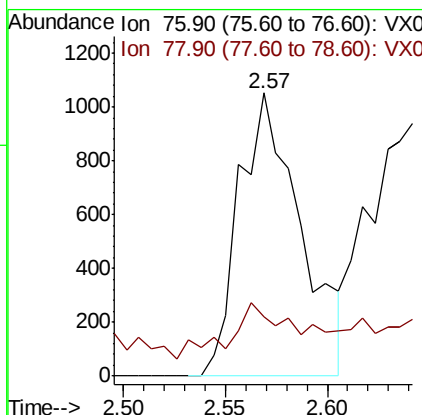
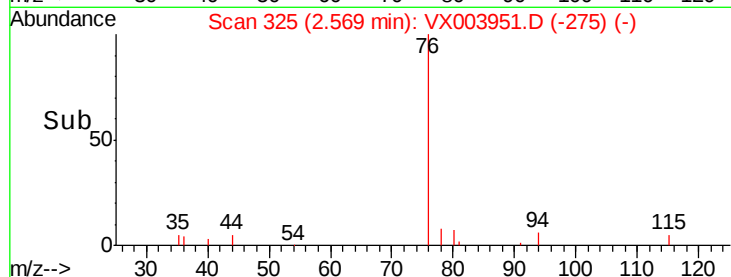
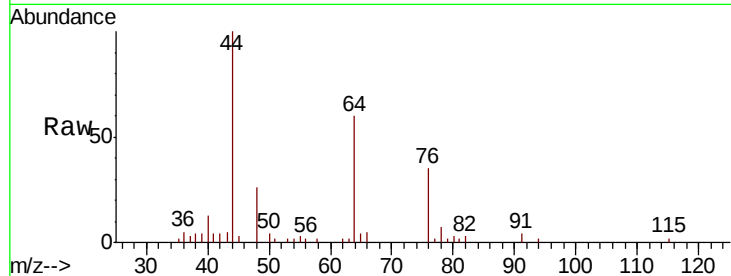




#17
Carbon Disulfide
Concen: 0.65 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

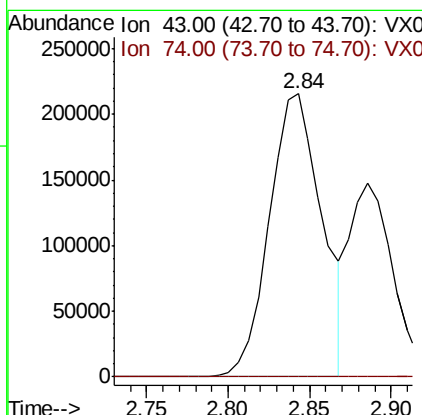
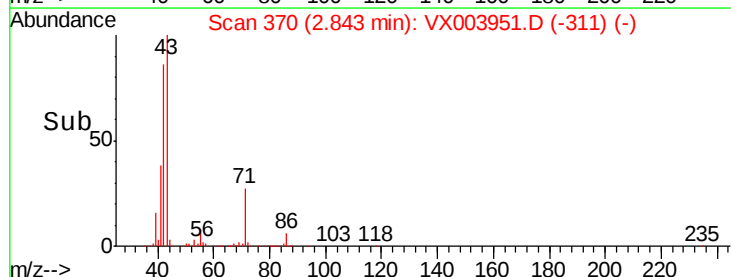
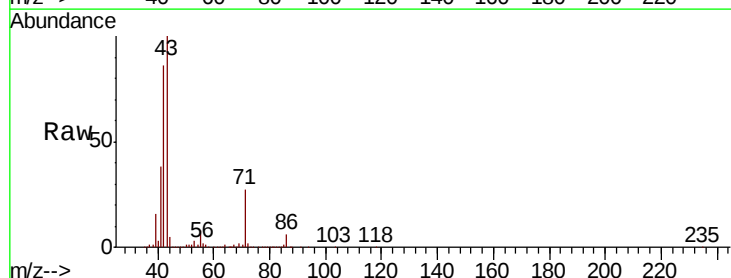
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ClientSampled :
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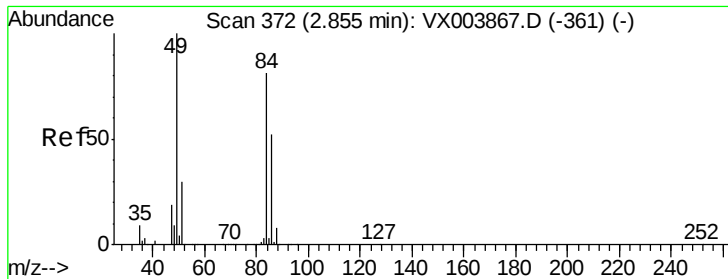
Tot Ion: 76 Resp: 2202
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 80.71 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 43 Resp: 480553
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

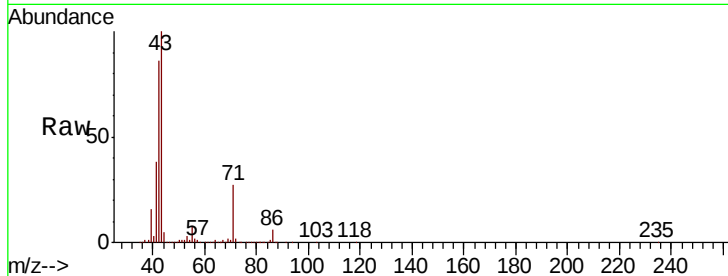
Instrument :

MSVOA_X

ClientSampleId :

FL-0567

Tot Ion:	84	Resp:	1867
Ion	Ratio	Lower	Upper
84	100		
49	43.1	98.9	148.3#
51	414.5	29.9	44.9#
86	1671.6	51.0	76.6#

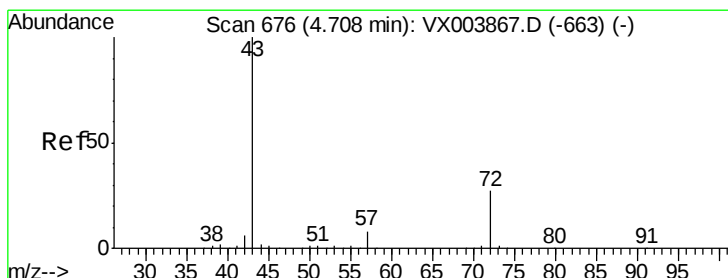
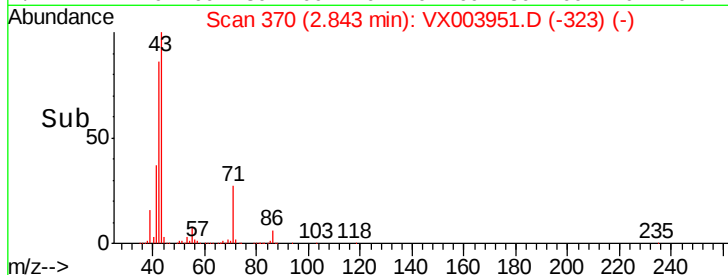
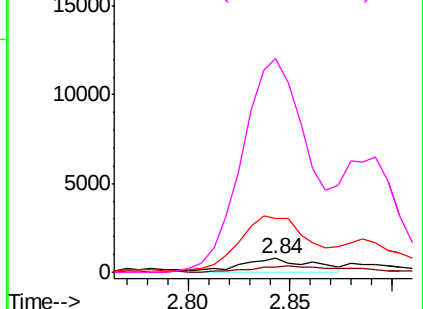


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.45 ug/l

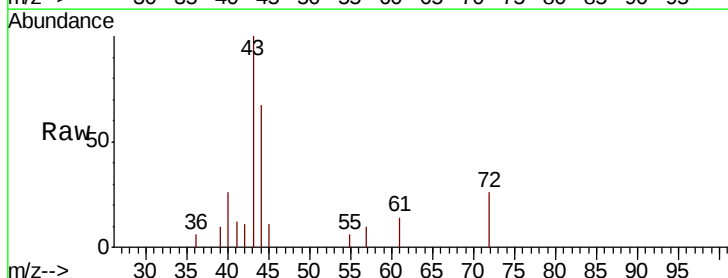
RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003951.D

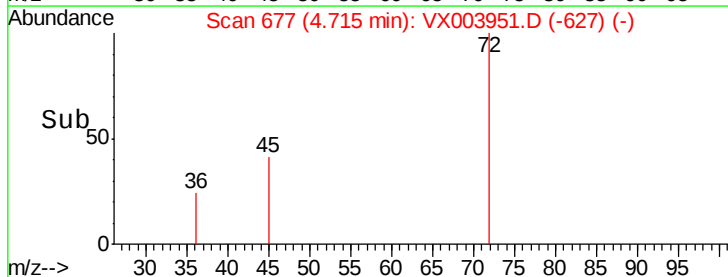
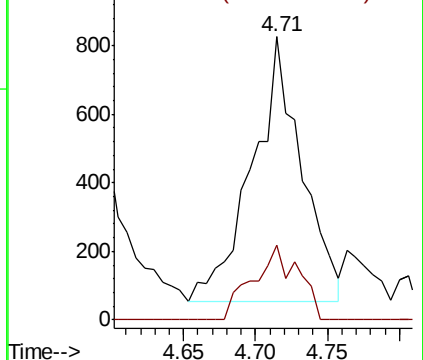
Acq: 09 Aug 2018 15:30

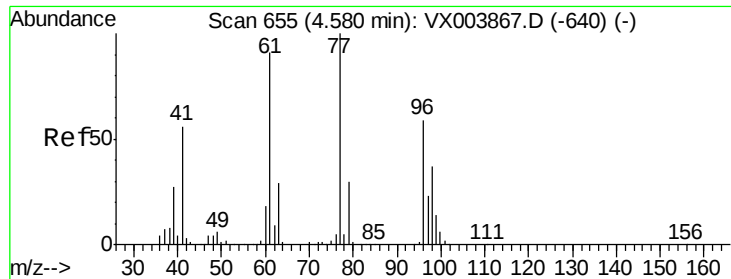
Tgt Ion:	43	Resp:	1839
Ion	Ratio	Lower	Upper
43	100		
72	28.2	21.4	32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 1.12 ug/l

RT: 4.40 min Scan# 625

Delta R.T. -0.18 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

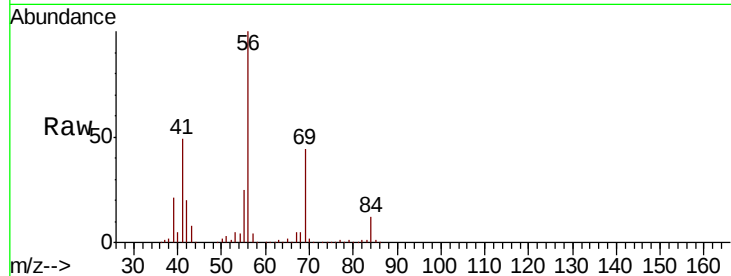
FL-0567

Tot Ion: 77 Resp: 6315

Ion Ratio Lower Upper

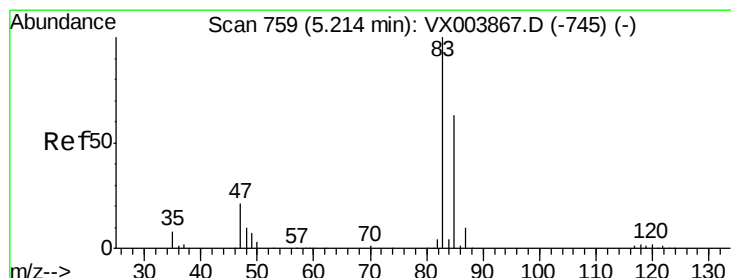
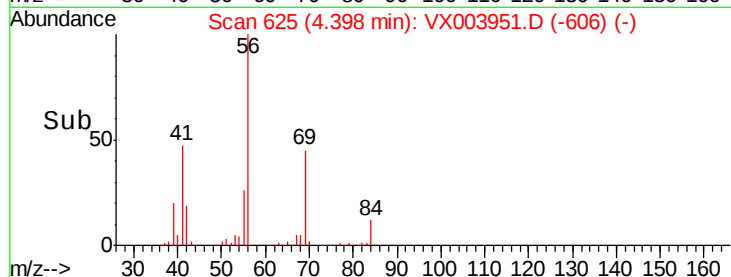
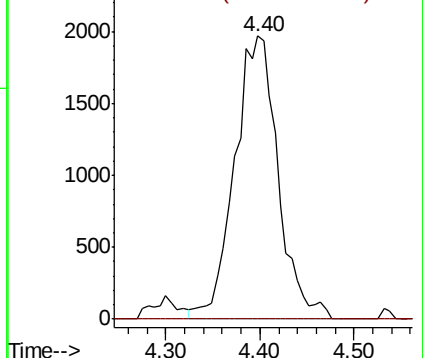
77 100

97 0.0 11.9 35.9#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#30

Chloroform

Concen: 0.27 ug/l

RT: 5.26 min Scan# 766

Delta R.T. 0.04 min

Lab File: VX003951.D

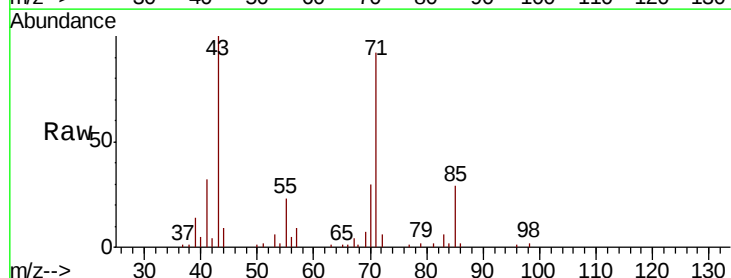
Acq: 09 Aug 2018 15:30

Tgt Ion: 83 Resp: 1995

Ion Ratio Lower Upper

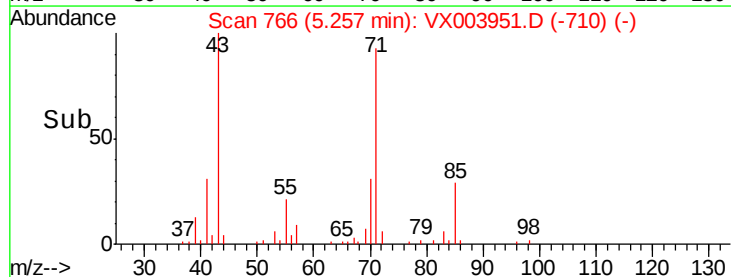
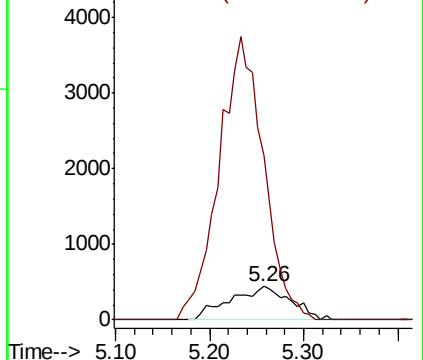
83 100

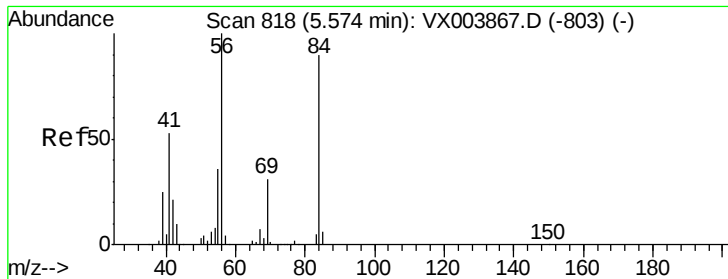
85 490.5 50.7 76.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

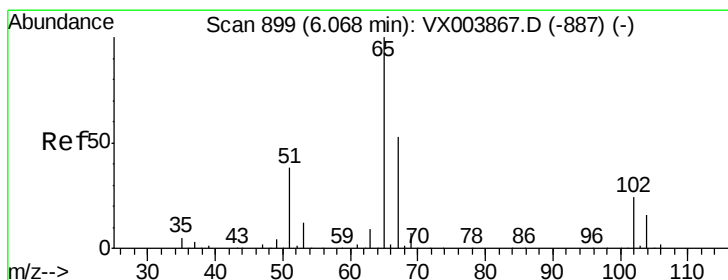
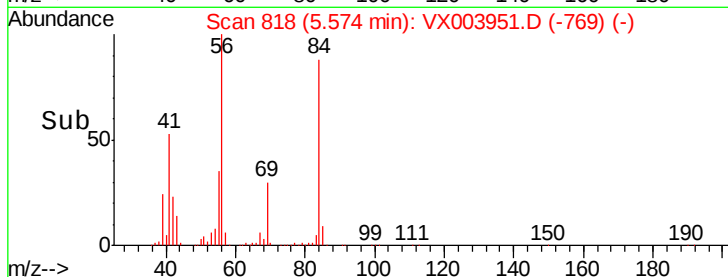
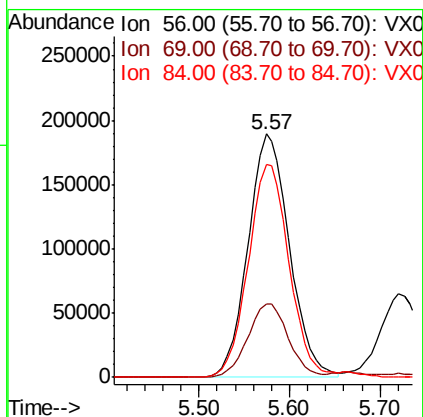
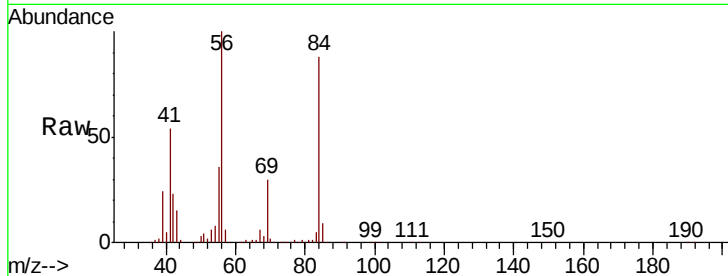




#31
Cyclohexane
Concen: 90.20 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

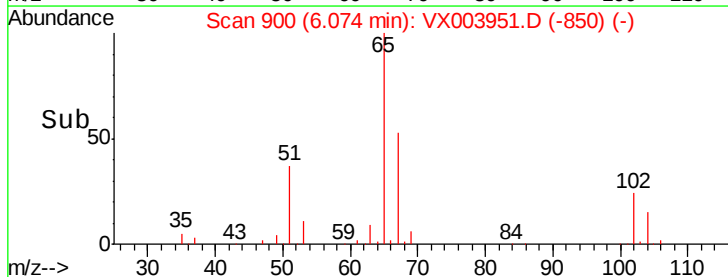
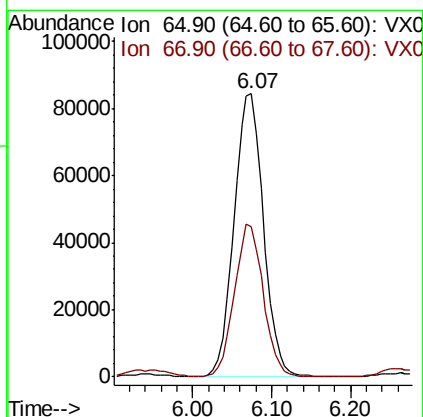
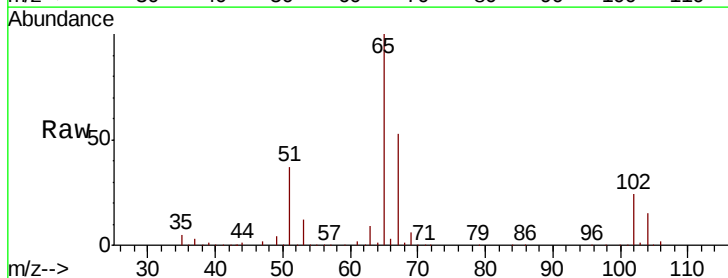
Instrument :
MSVOA_X
ClientSampleId :
FL-0567

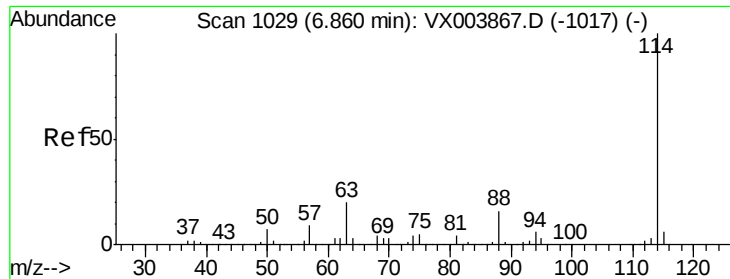
Tot Ion: 56 Resp: 597571
Ion Ratio Lower Upper
56 100
69 29.8 24.9 37.3
84 87.7 71.7 107.5



#33
1,2-Dichloroethane-d4
Concen: 47.45 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 65 Resp: 218094
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

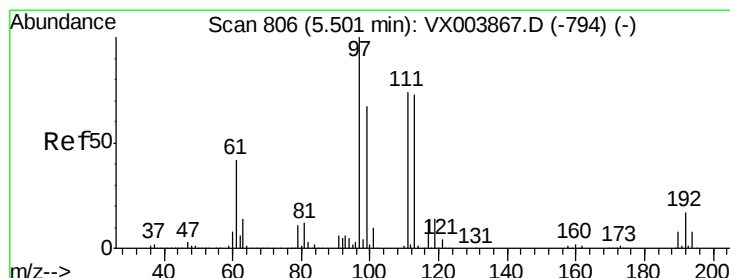
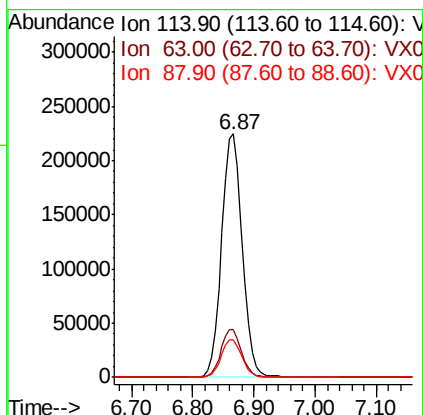
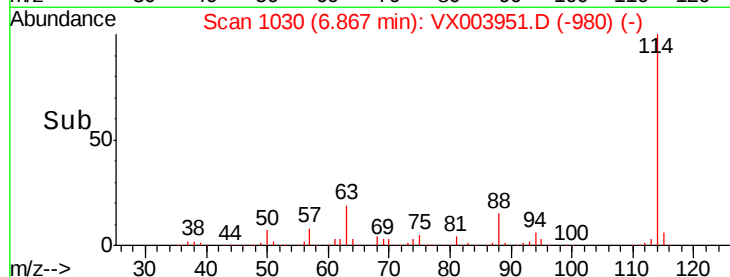
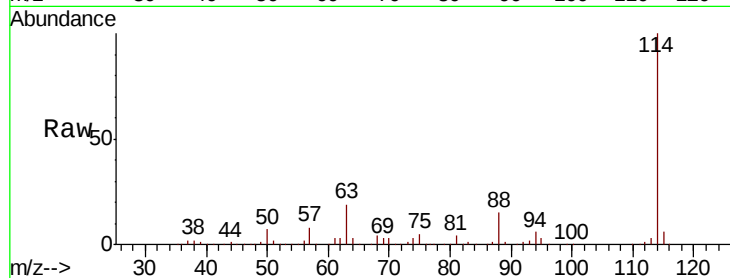




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

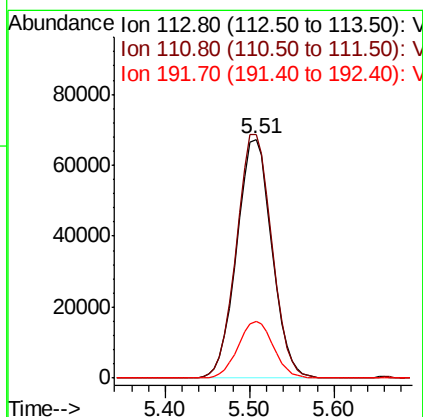
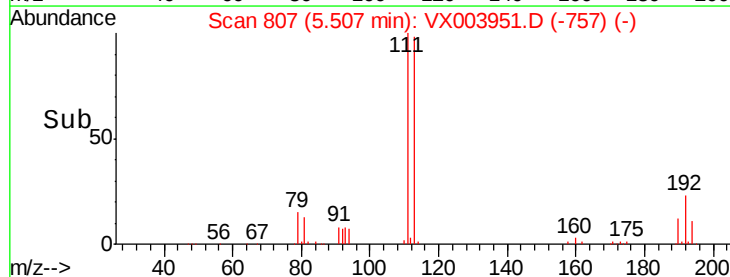
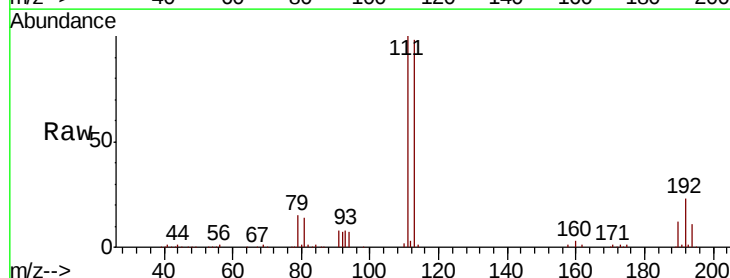
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0567

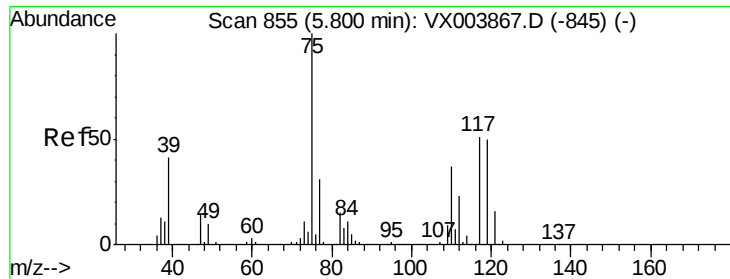
Tot Ion:114 Resp: 525617
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.3 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 47.65 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

Tgt Ion:113 Resp: 189750
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 24.0 19.0 28.4





#36

1,1-Dichloropropene

Concen: 3.72 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

FL-0567

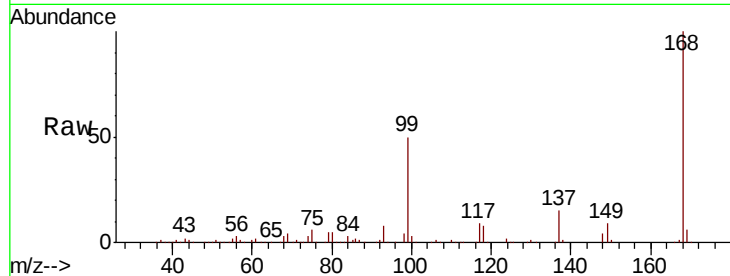
Tot Ion: 75 Resp: 21914

Ion Ratio Lower Upper

75 100

110 9.3 18.2 54.6#

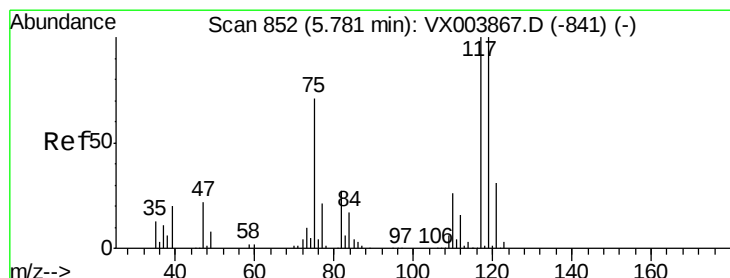
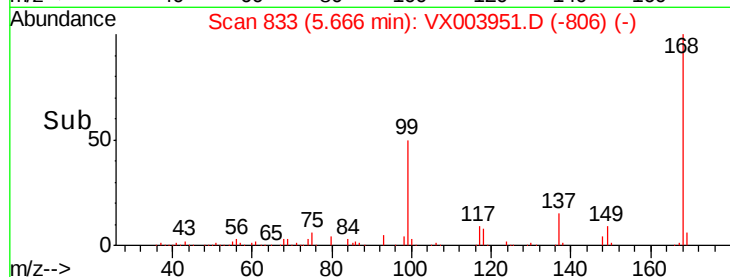
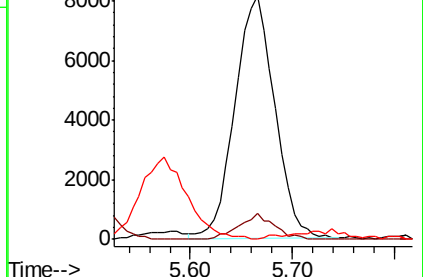
77 0.0 25.0 37.4#



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: 5.42 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

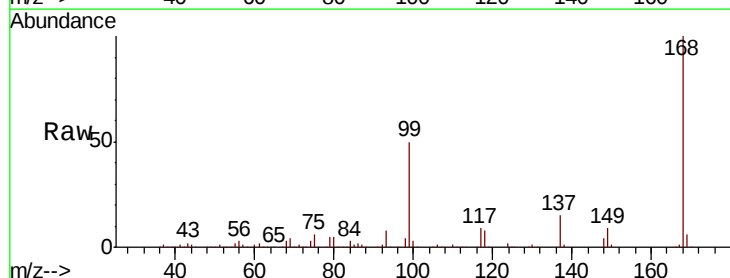
Tgt Ion: 117 Resp: 30360

Ion Ratio Lower Upper

117 100

119 5.1 79.5 119.3#

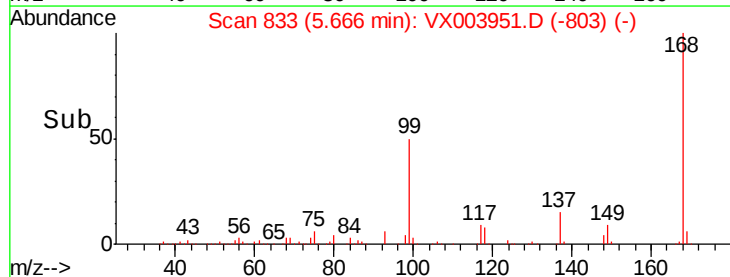
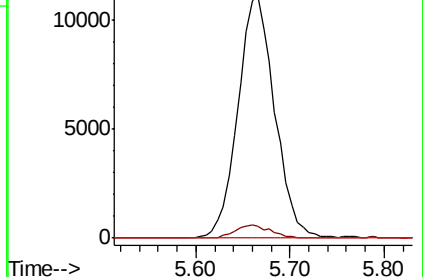
121 0.0 25.0 37.4#

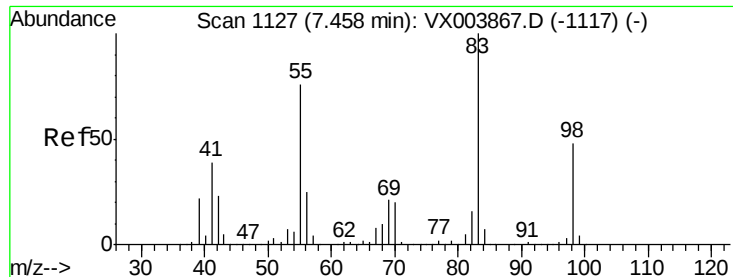


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

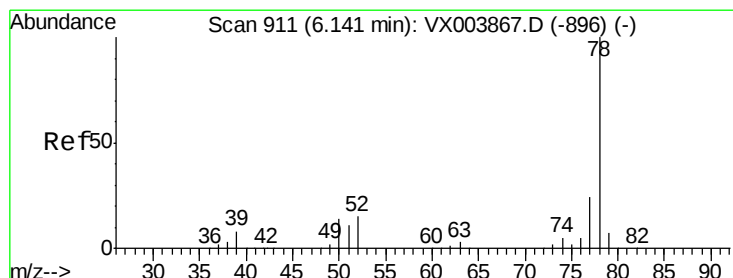
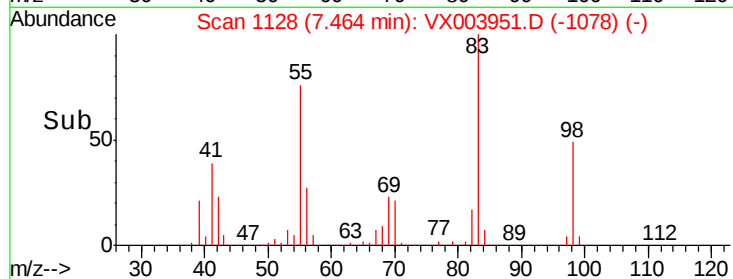
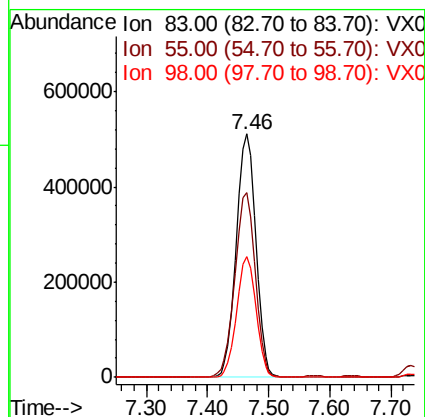
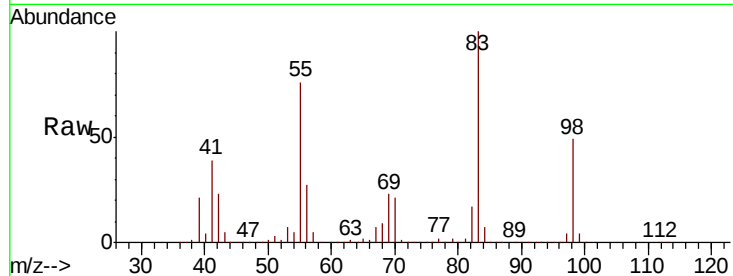




#39
Methvlcvclohexane
Concen: 161.98 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

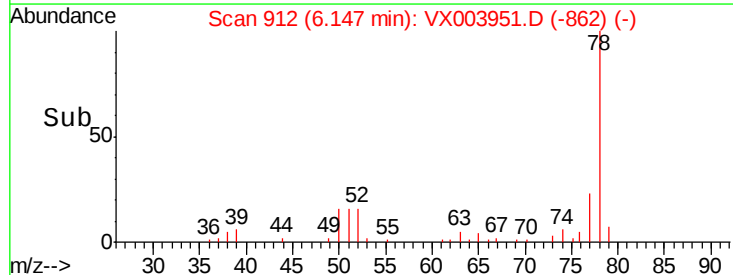
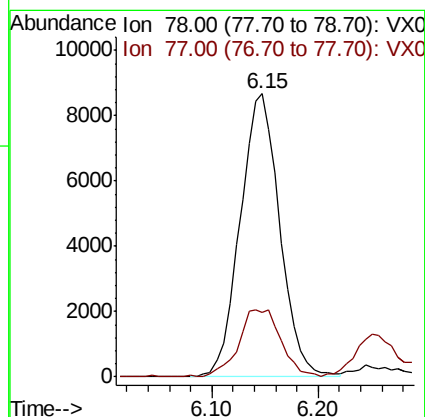
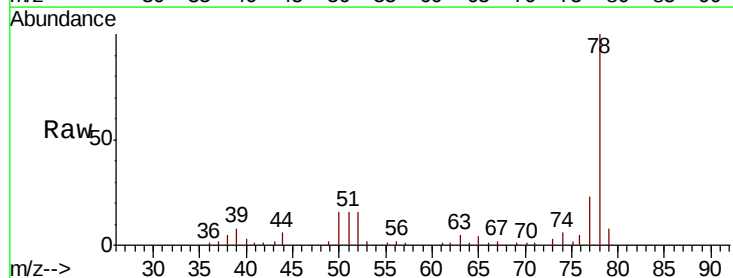
Instrument :
MSVOA_X
ClientSampleId :
FL-0567

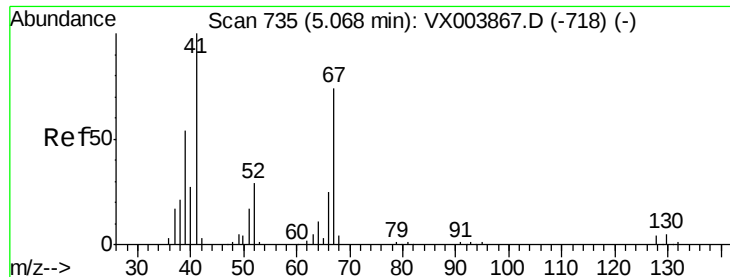
Tot Ion: 83 Resp: 1124258
Ion Ratio Lower Upper
83 100
55 76.0 61.0 91.6
98 49.4 38.6 57.8



#40
Benzene
Concen: 1.28 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 78 Resp: 22655
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.4

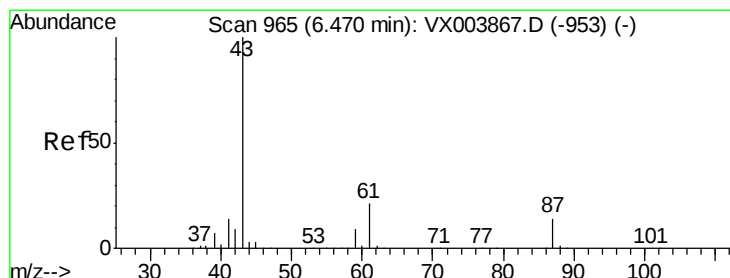
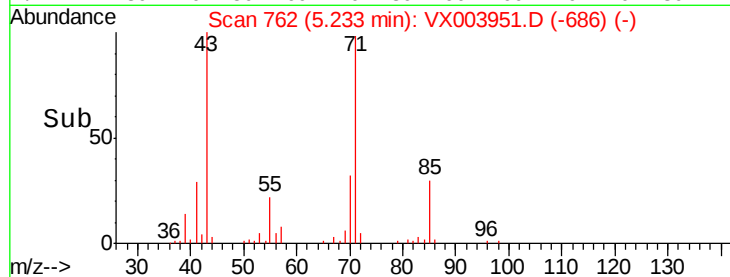
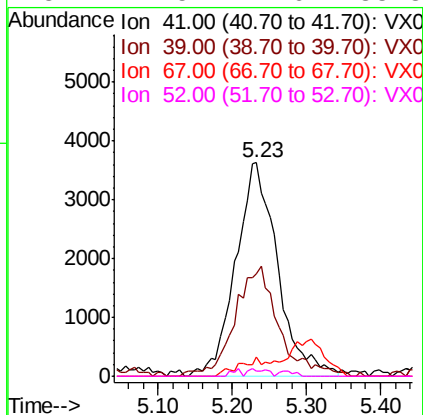
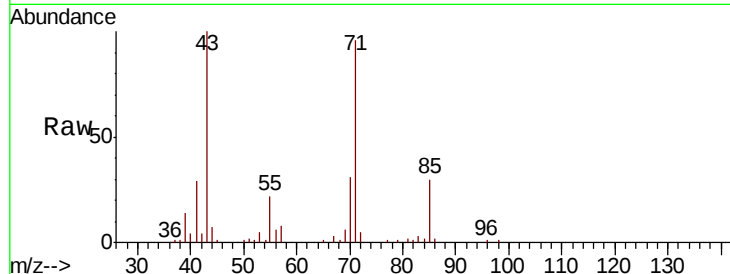




#41
Methacrylonitrile
Concen: 4.01 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.16 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

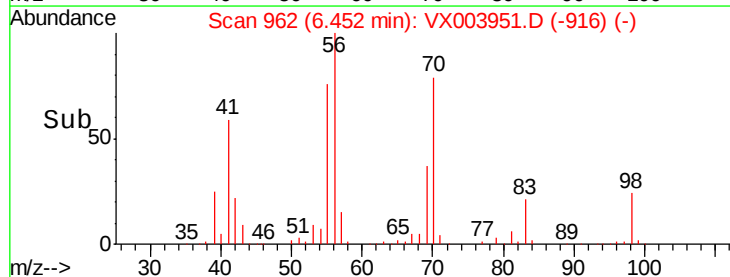
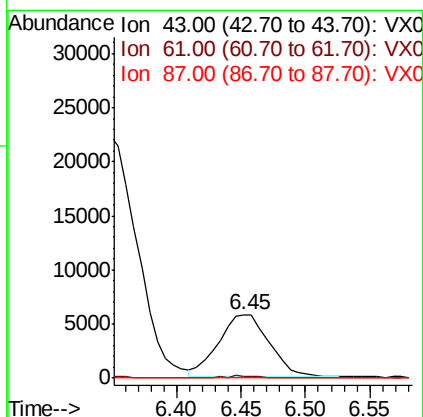
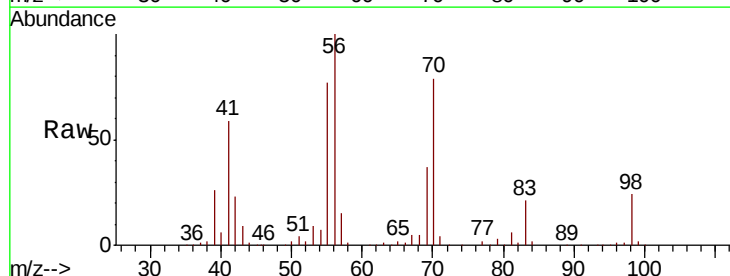
Instrument :
MSVOA_X
ClientSampled :
FL-0567

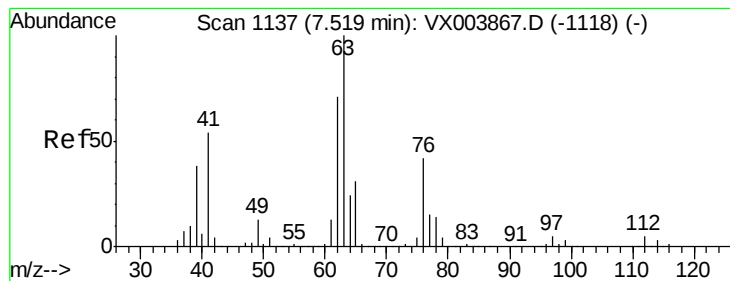
Tot Ion: 41 Resp: 14292
Ion Ratio Lower Upper
41 100
39 53.6 42.7 64.1
67 5.6 58.9 88.3#
52 1.5 22.6 33.8#



#43
Isopropyl Acetate
Concen: 1.61 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 43 Resp: 15720
Ion Ratio Lower Upper
43 100
61 2.4 16.9 25.3#
87 0.0 11.3 16.9#





#45

1,2-Dichloropropane

Concen: 2.29 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

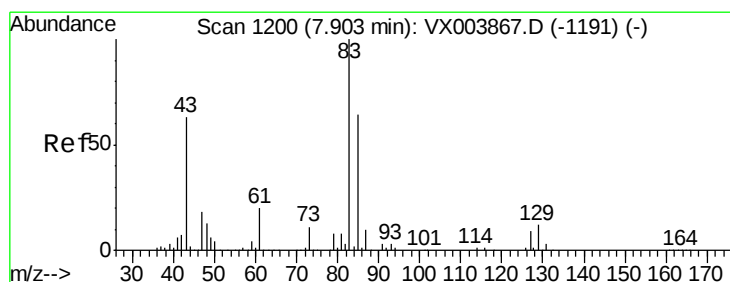
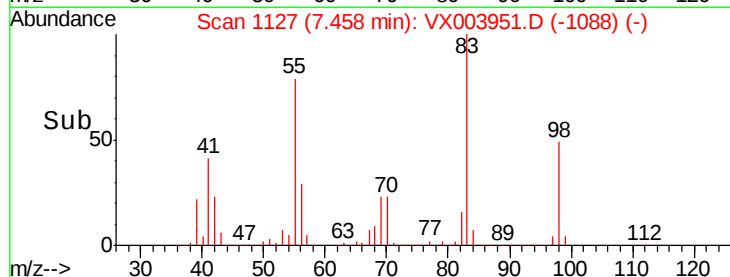
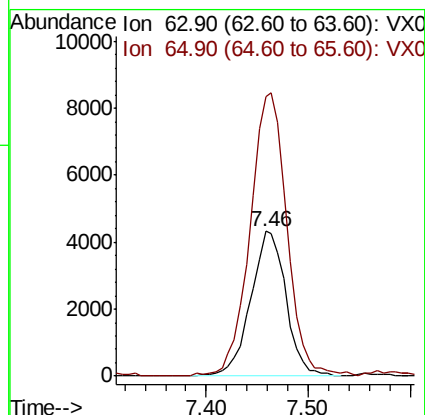
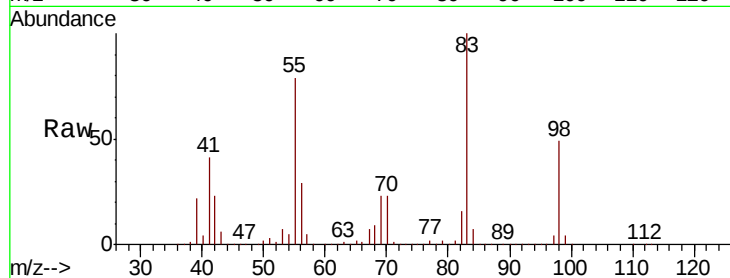
FL-0567

Tot Ion: 63 Resp: 10431

Ion Ratio Lower Upper

63 100

65 193.1 24.6 36.8#



#47

Bromodichloromethane

Concen: 0.62 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

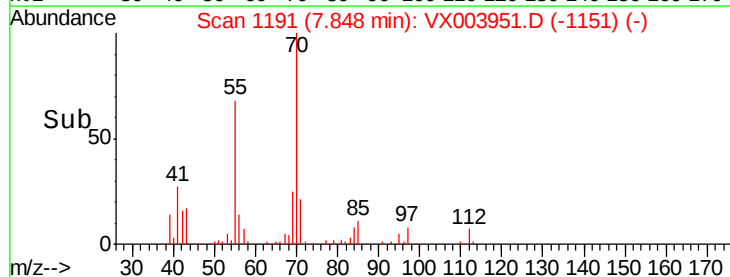
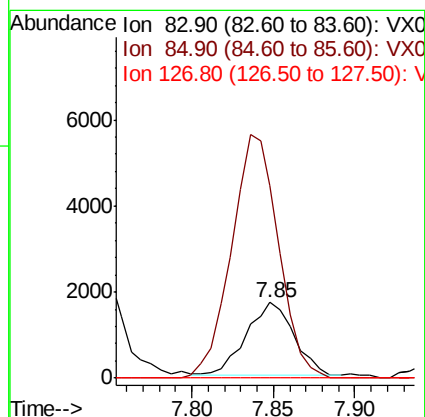
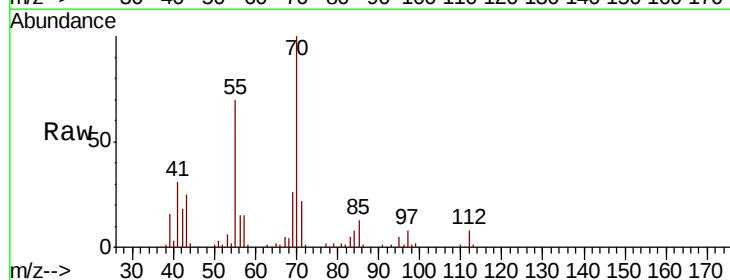
Tgt Ion: 83 Resp: 3445

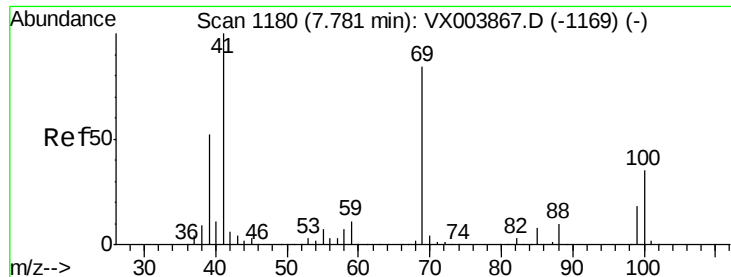
Ion Ratio Lower Upper

83 100

85 262.3 51.2 76.8#

127 0.0 7.2 10.8#

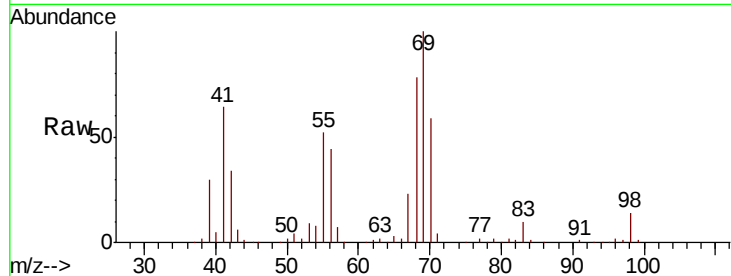




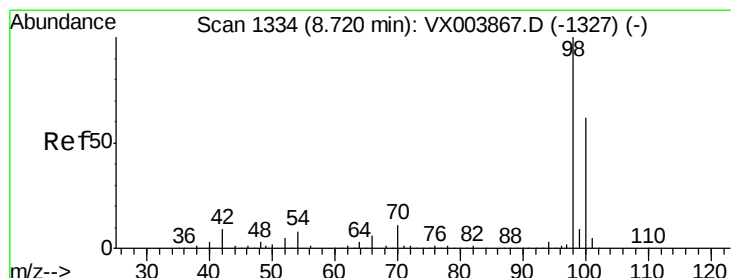
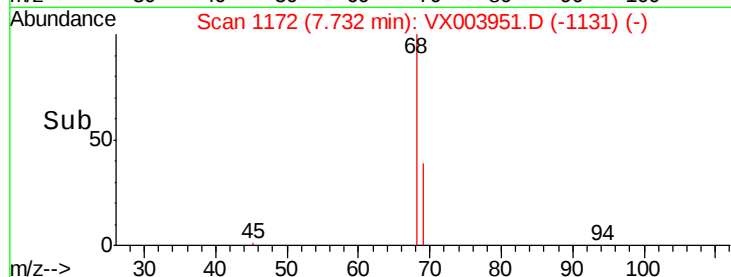
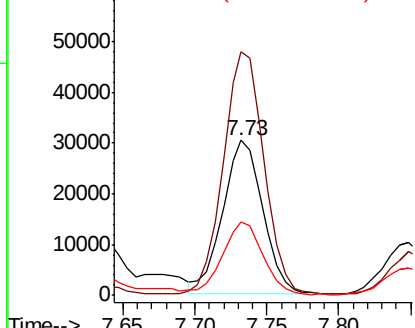
#48
Methvl methacrylate
Concen: 11.83 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tot Ion: 41 Resp: 58596
Ion Ratio Lower Upper
41 100
69 160.9 68.8 103.2#
39 48.2 42.3 63.5

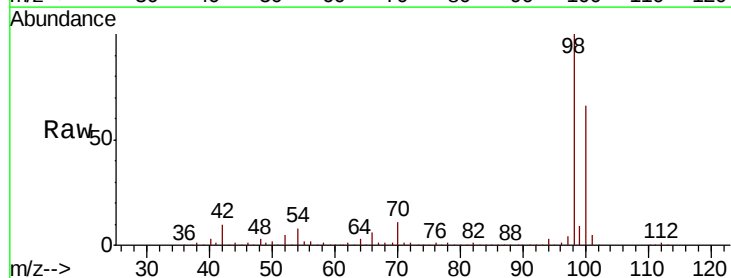


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

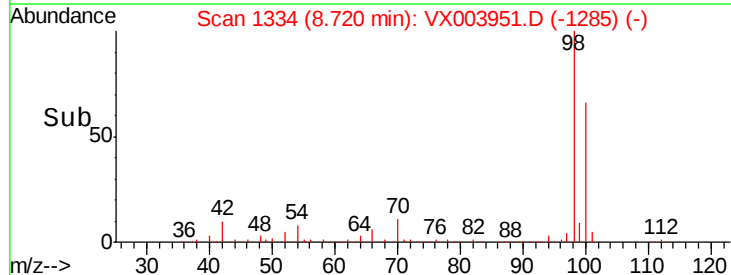
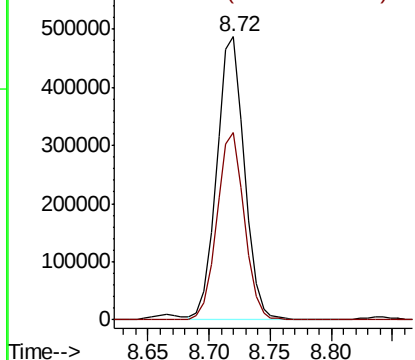


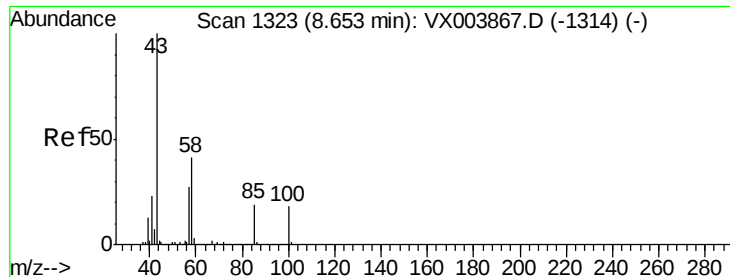
#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 98 Resp: 765412
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 3.15 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

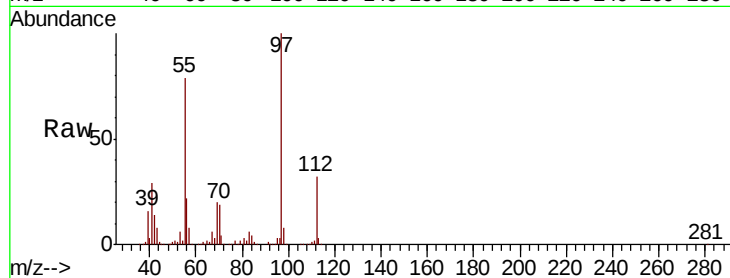
FL-0567

Tot Ion: 43 Resp: 25481

Ion Ratio Lower Upper

43 100

58 7.4 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.67

10000

8000

6000

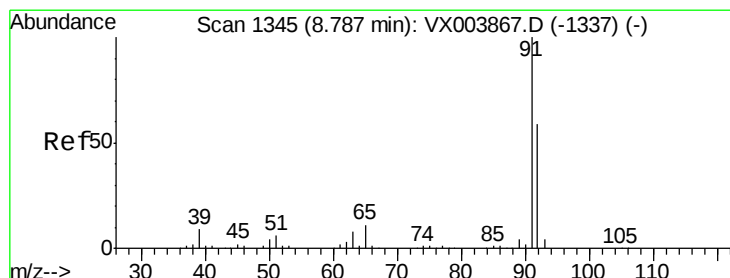
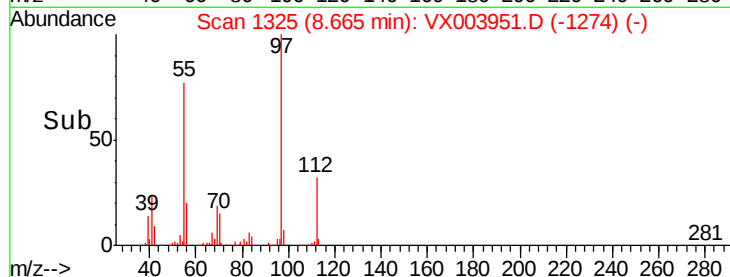
4000

2000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#52

Toluene

Concen: 0.49 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003951.D

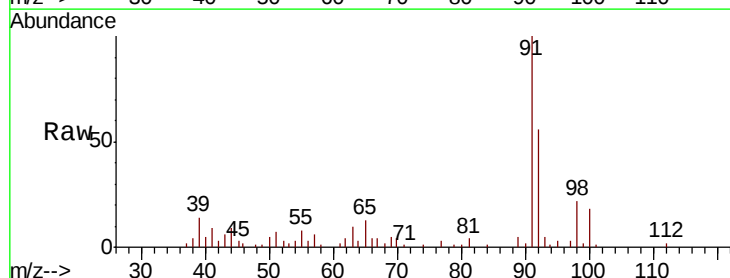
Acq: 09 Aug 2018 15:30

Tgt Ion: 92 Resp: 5447

Ion Ratio Lower Upper

92 100

91 157.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

6000

5000

4000

3000

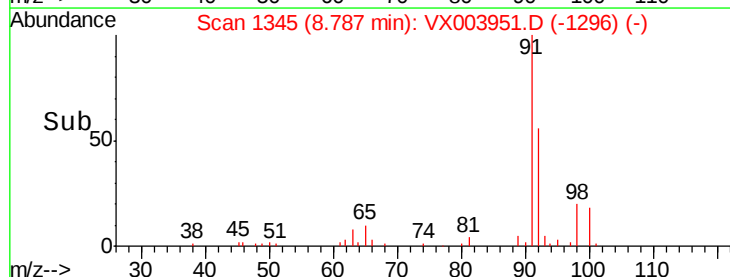
2000

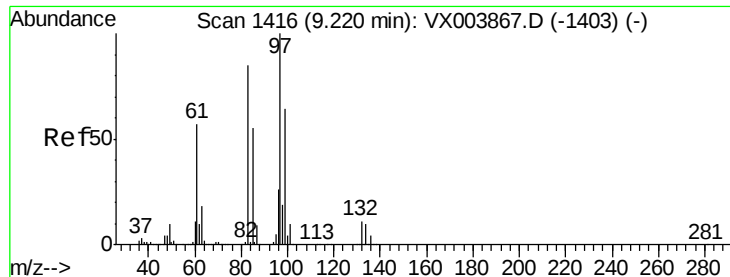
1000

0

8.75 8.80 8.85

Time-->

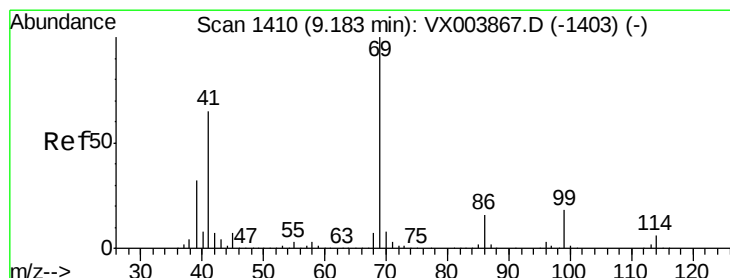
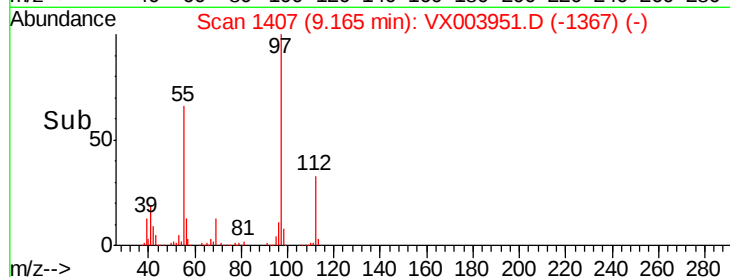
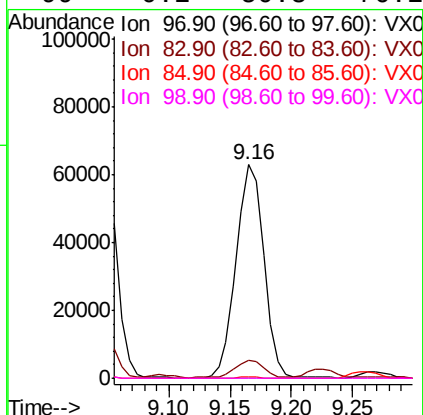
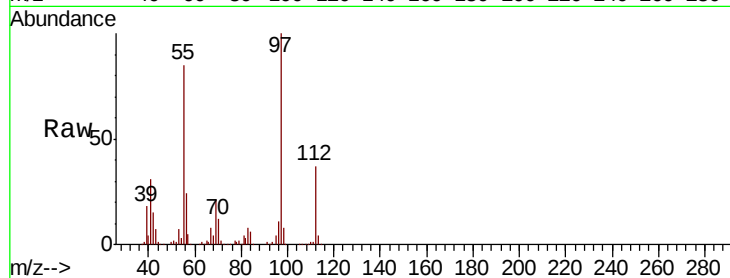




#55
 1,1,2-Trichloroethane
 Concen: 21.74 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

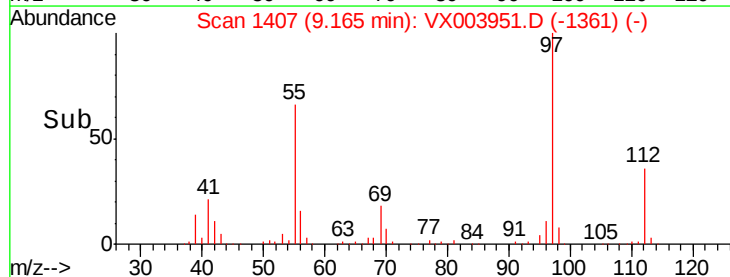
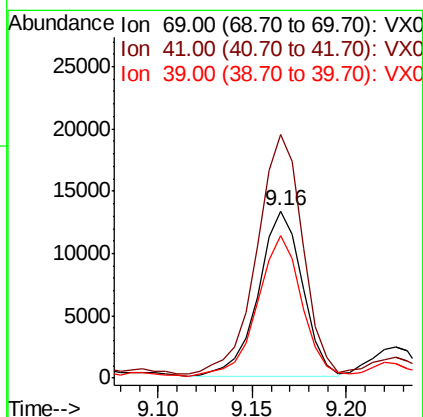
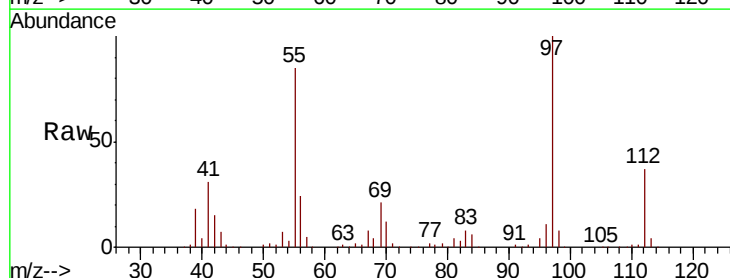
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0567

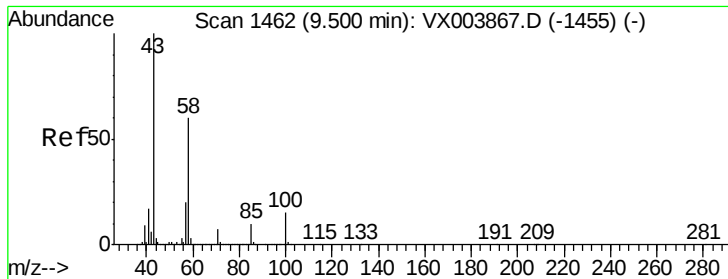
Tot Ion	Ratio	Lower	Upper
97	100		
83	8.0	67.8	101.6#
85	0.4	44.2	66.2#
99	0.2	50.8	76.2#



#56
 Ethyl methacrylate
 Concen: 3.23 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	150.4	50.6	76.0#
39	84.6	25.8	38.6#

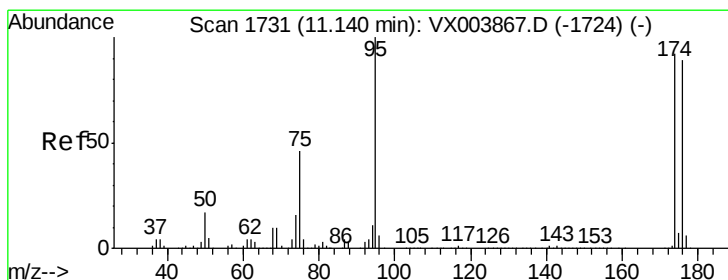
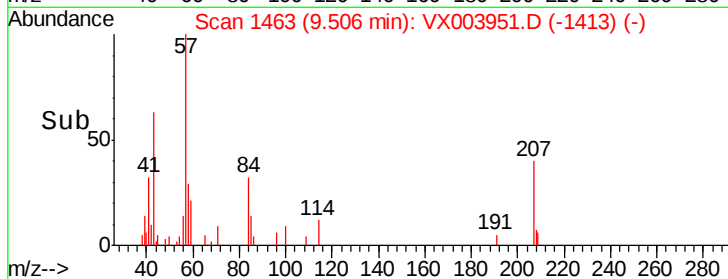
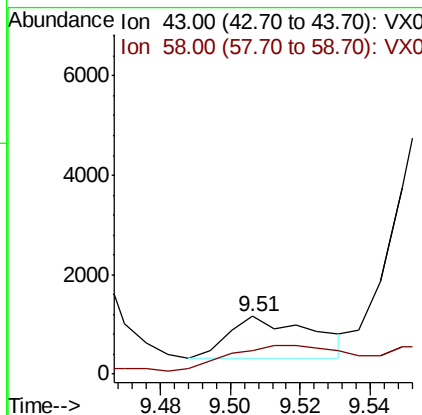
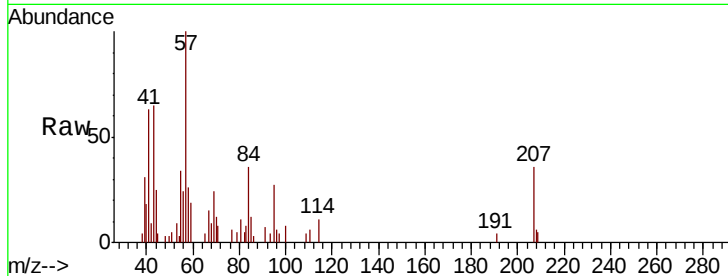




#59
2-Hexanone
Concen: 0.23 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

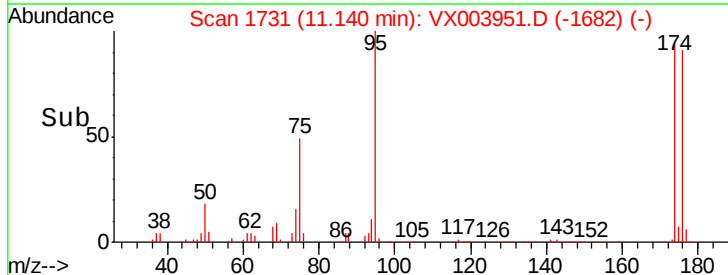
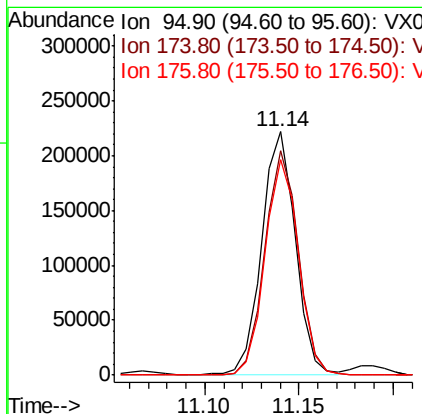
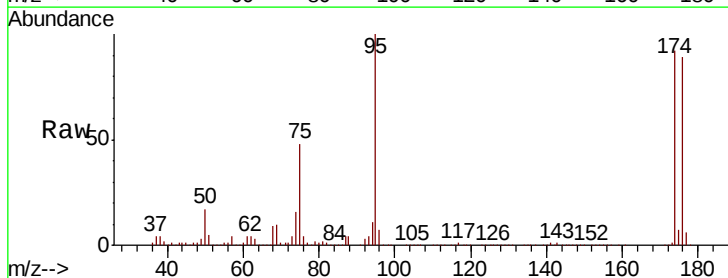
Instrument :
MSVOA_X
ClientSampleId :
FL-0567

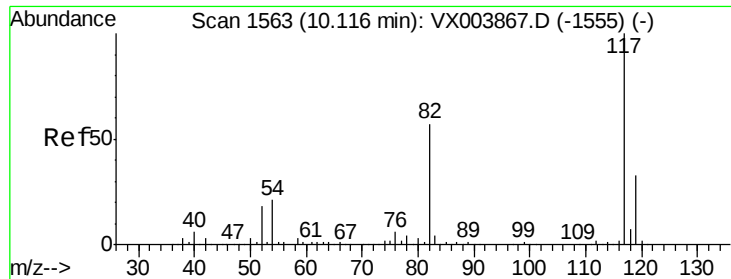
Tot Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 93.2 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 54.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 95 Resp: 274173
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.8
176 88.3 0.0 179.0

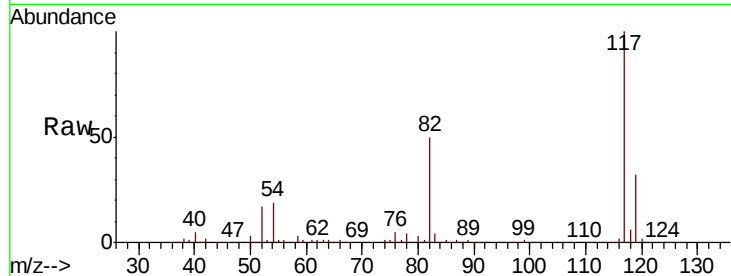




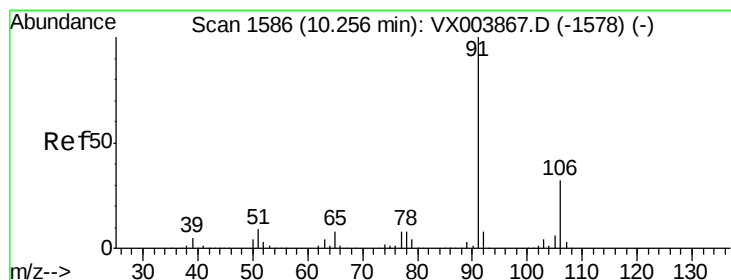
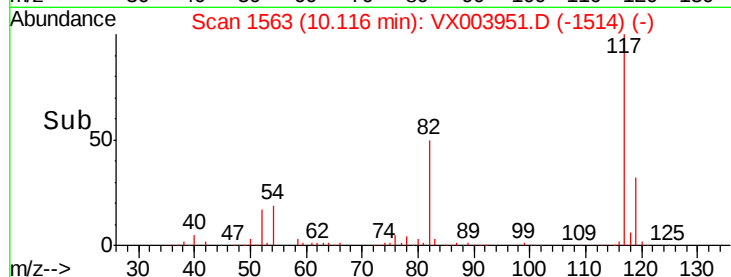
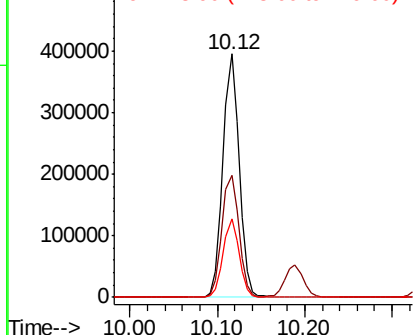
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tot Ion:117 Resp: 506291
Ion Ratio Lower Upper
117 100
82 50.2 45.4 68.0
119 32.3 26.6 40.0

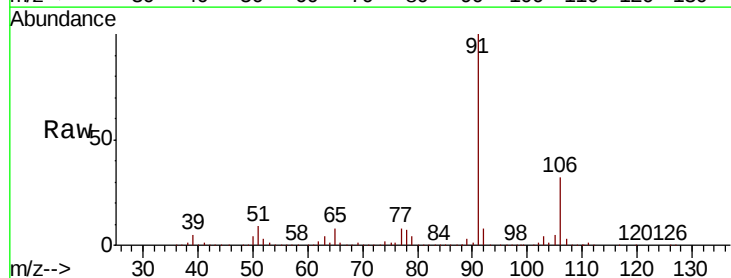


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

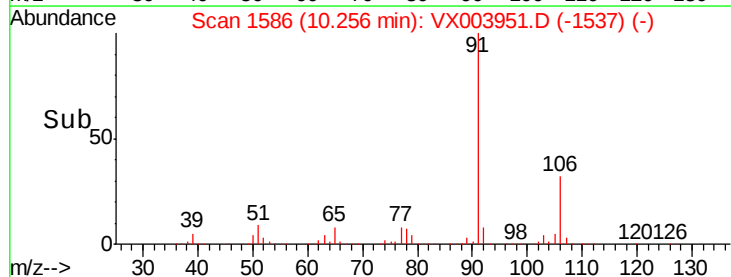
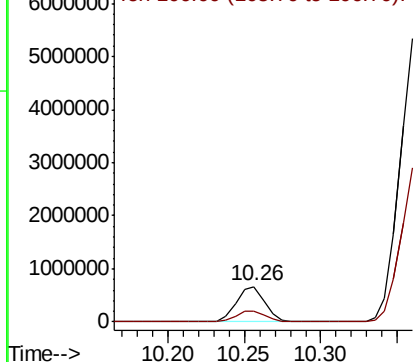


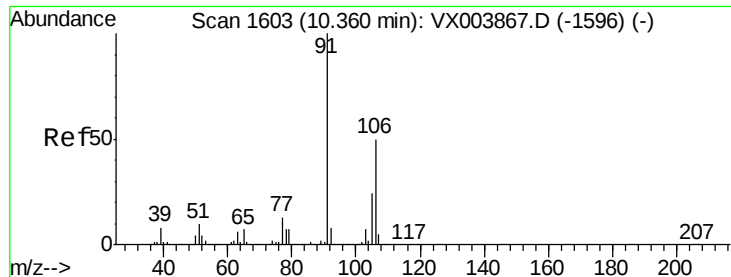
#67
Ethyl Benzene
Concen: 39.94 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 91 Resp: 861202
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



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

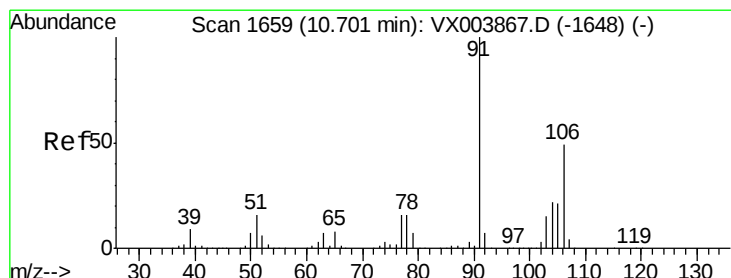
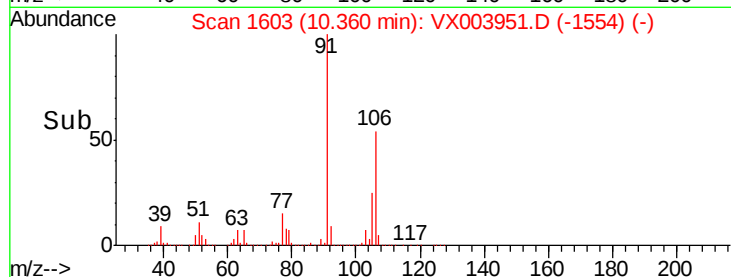
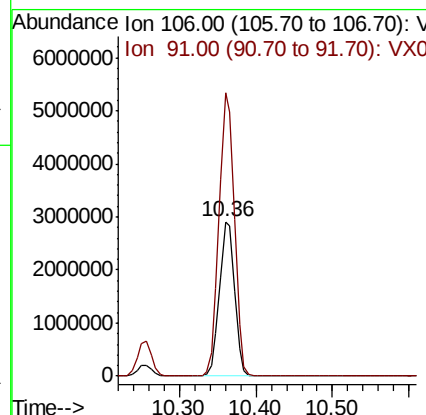
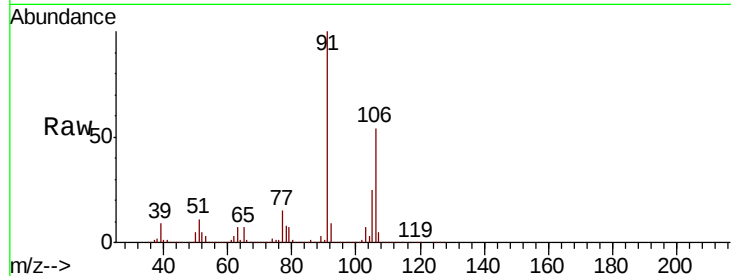




#68
m/p-Xylenes
Concen: 473.38 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

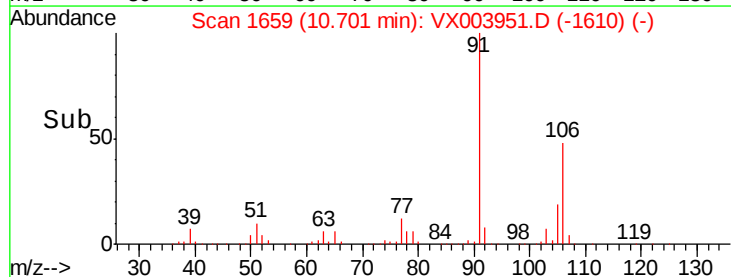
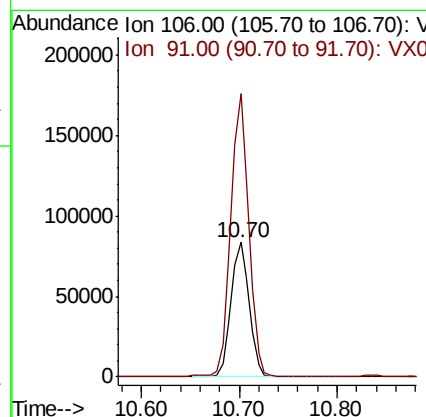
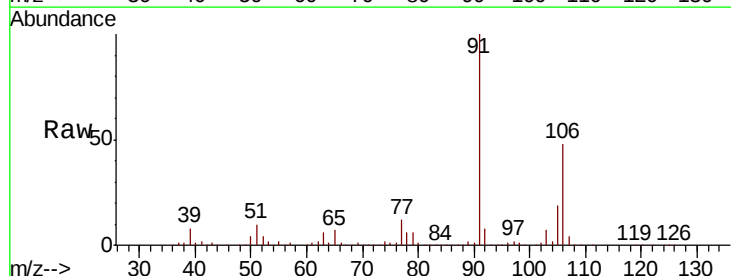
Instrument :
MSVOA_X
ClientSampled :
FL-0567

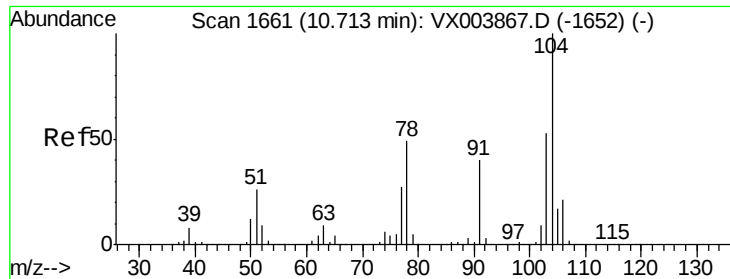
Tot Ion:106 Resp: 3988879
Ion Ratio Lower Upper
106 100
91 186.6 162.3 243.5



#69
o-Xylene
Concen: 13.54 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:106 Resp: 107679
Ion Ratio Lower Upper
106 100
91 208.6 101.9 305.7

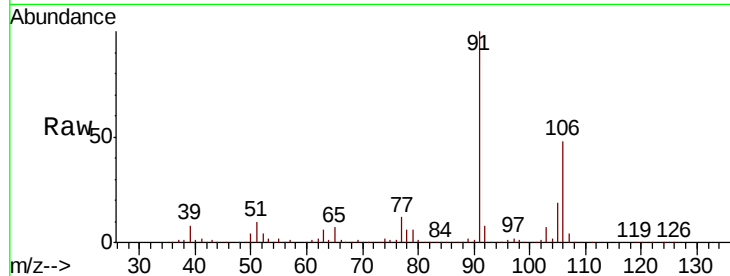




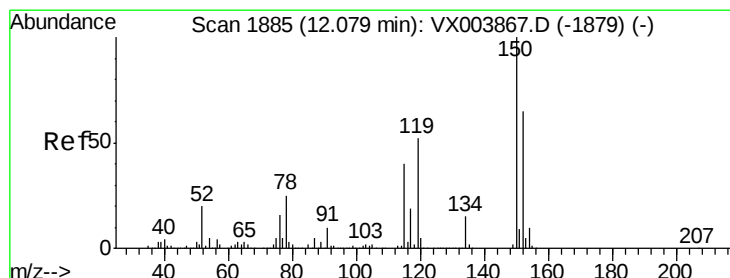
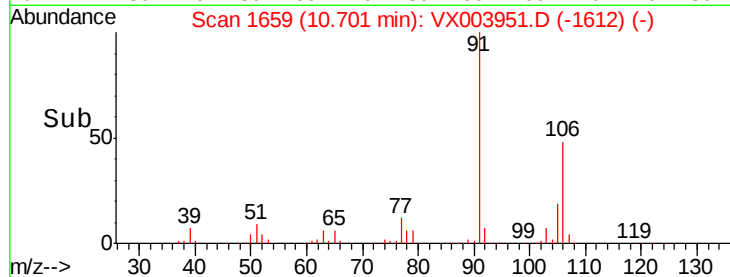
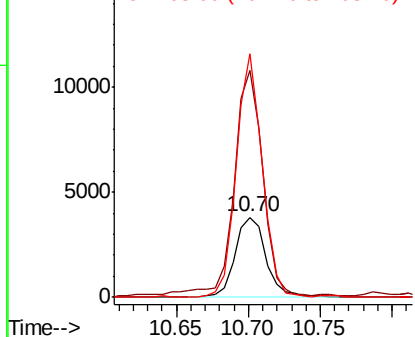
#70
Stvrene
Concen: 0.44 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Instrument :
MSVOA_X
ClientSampleId :
FL-0567

Tot Ion:104 Resp: 5673
Ion Ratio Lower Upper
104 100
78 274.2 39.8 59.6#
103 256.3 44.3 66.5#

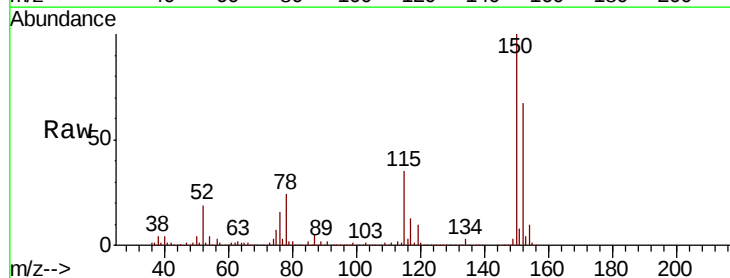


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

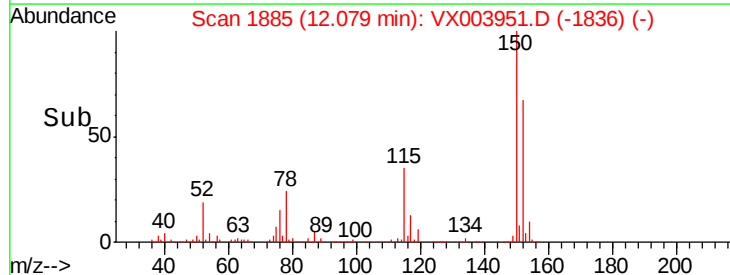
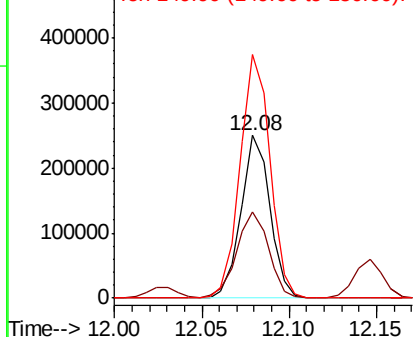


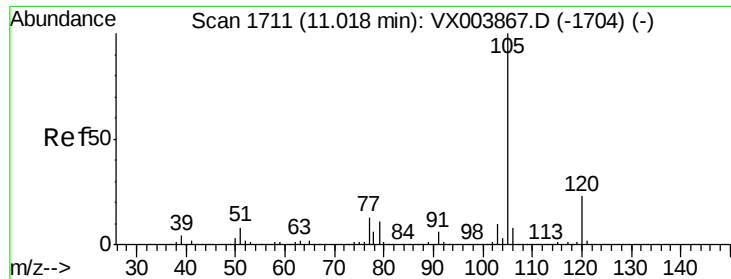
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:152 Resp: 289053
Ion Ratio Lower Upper
152 100
115 58.2 39.1 117.3
150 154.6 0.0 349.2



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: 39.38 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

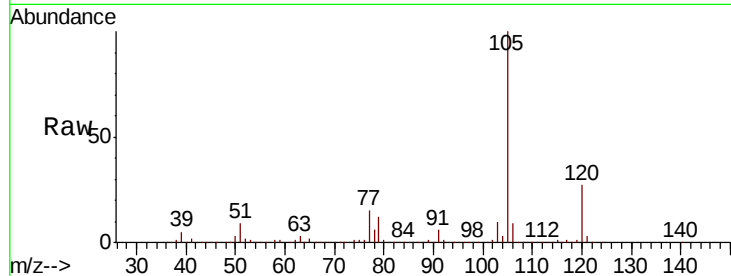
FL-0567

Tot Ion: 105 Resp: 841988

Ion Ratio Lower Upper

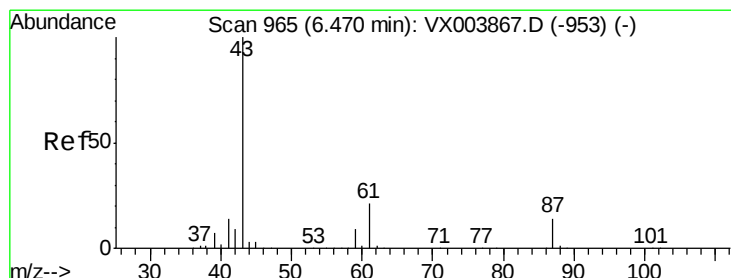
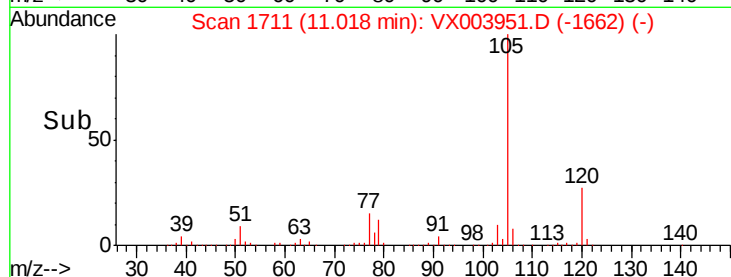
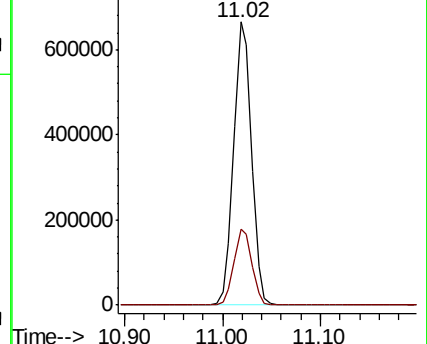
105 100

120 26.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.42 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Tgt Ion: 43 Resp: 15758

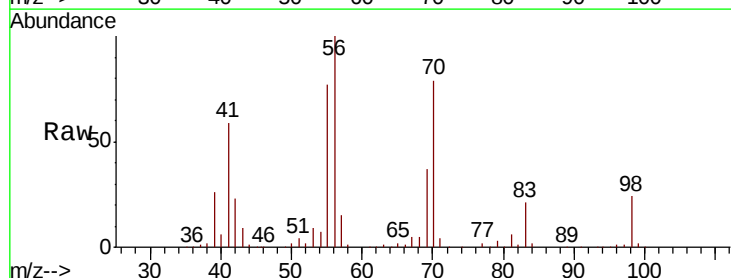
Ion Ratio Lower Upper

43 100

70 896.6 0.0 0.0#

55 866.4 0.1 0.1#

61 2.4 16.9 25.3#

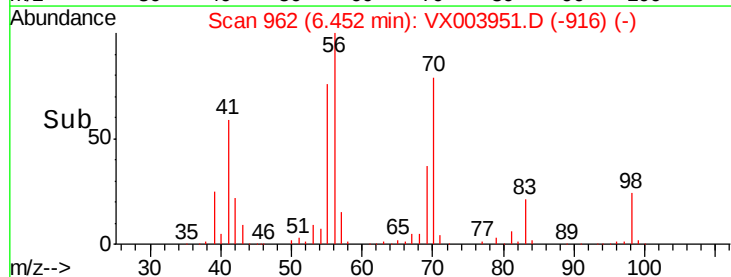
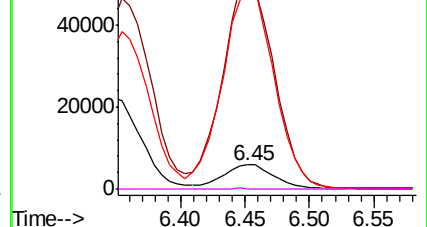


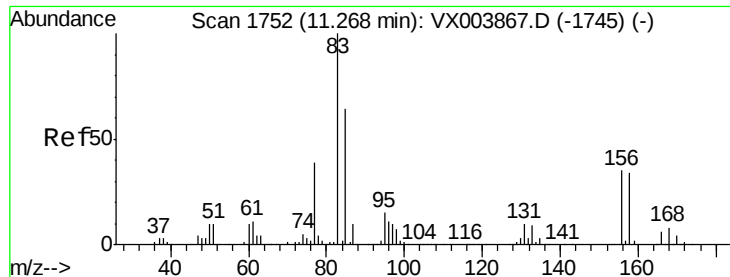
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.58 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

FL-0567

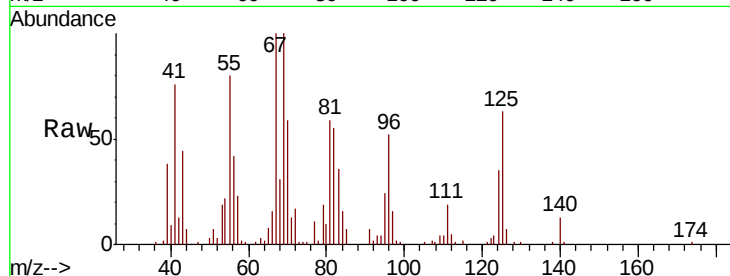
Tot Ion: 83 Resp: 4265

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

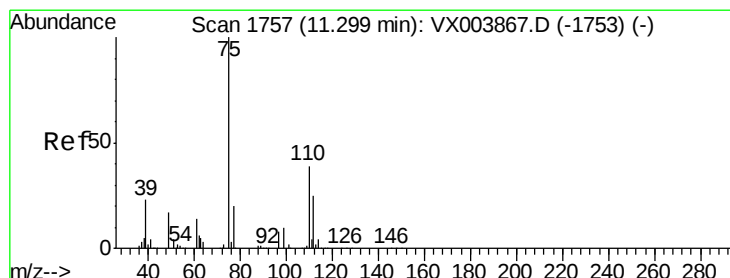
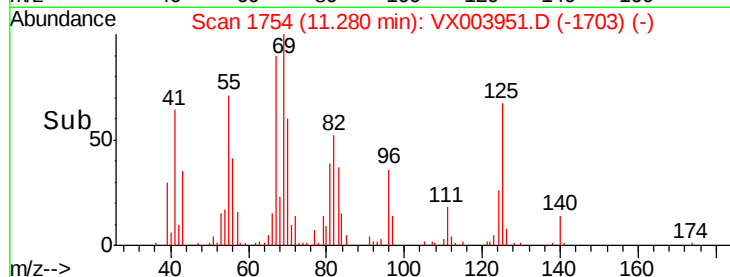
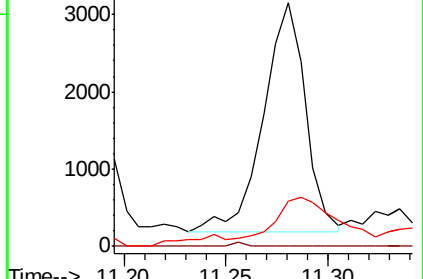
85 22.0 32.2 96.6#



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: 1.12 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX003951.D

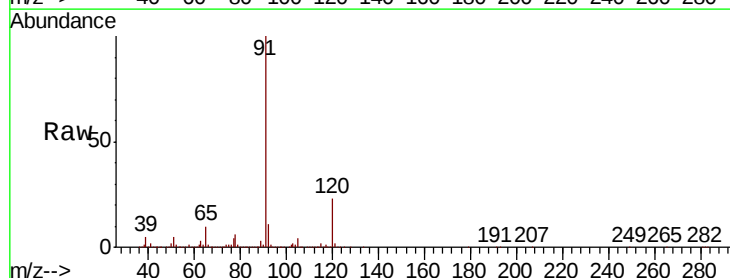
Acq: 09 Aug 2018 15:30

Tgt Ion: 75 Resp: 7159

Ion Ratio Lower Upper

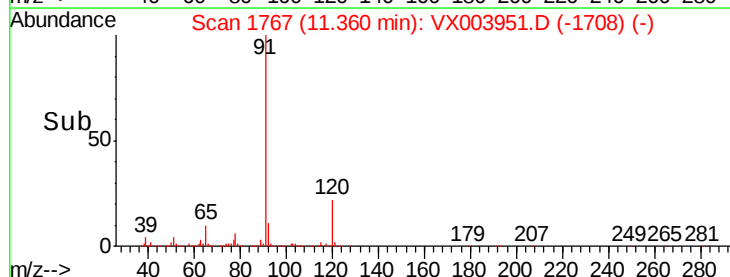
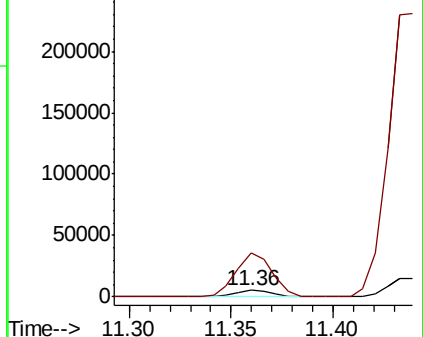
75 100

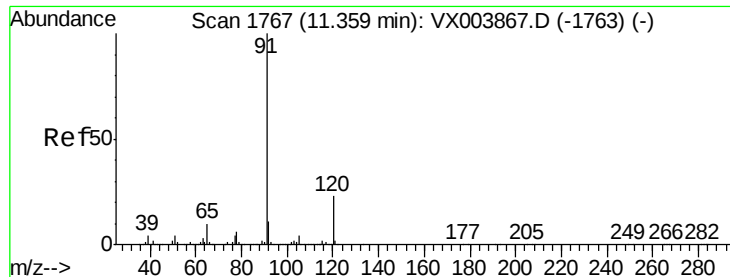
77 624.6 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 48.61 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

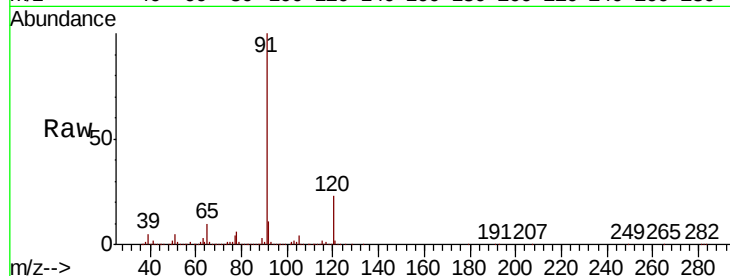
FL-0567

Tot Ion: 91 Resp: 1167309

Ion Ratio Lower Upper

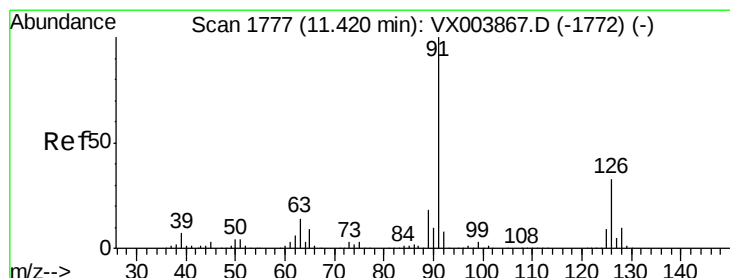
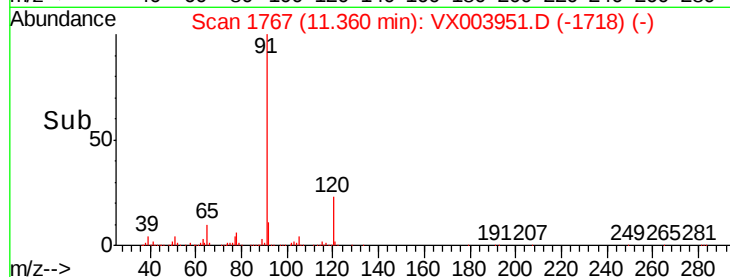
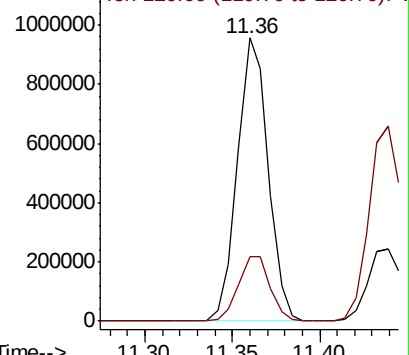
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 30.43 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003951.D

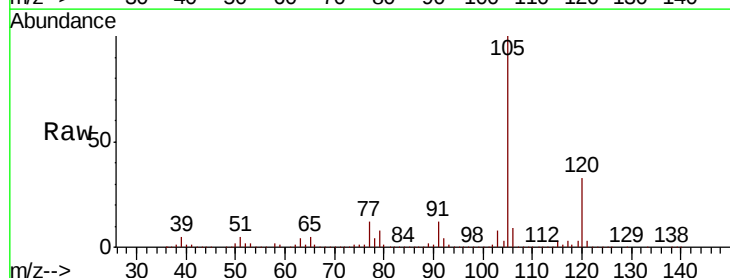
Acq: 09 Aug 2018 15:30

Tgt Ion: 91 Resp: 445489

Ion Ratio Lower Upper

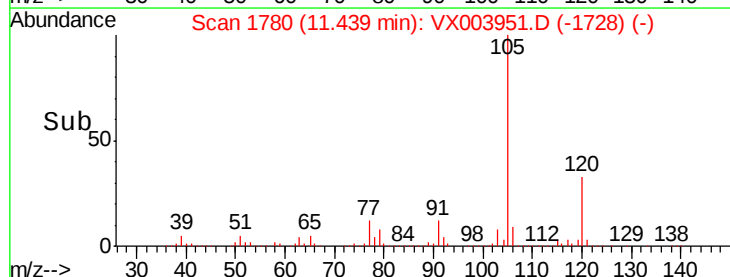
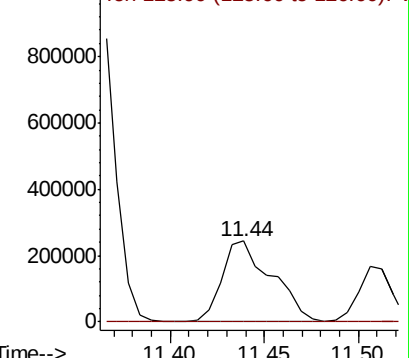
91 100

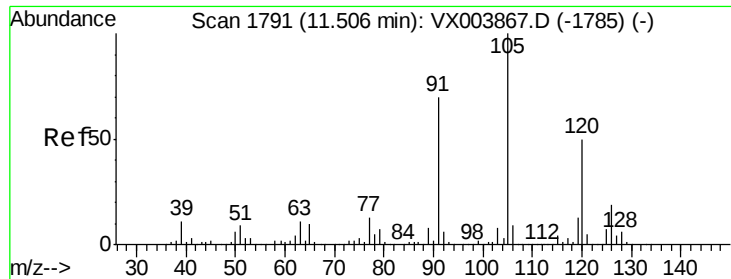
126 0.1 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

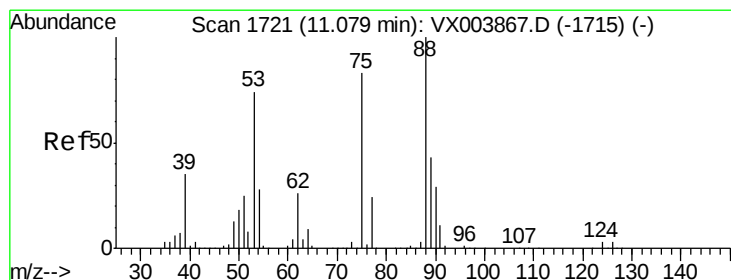
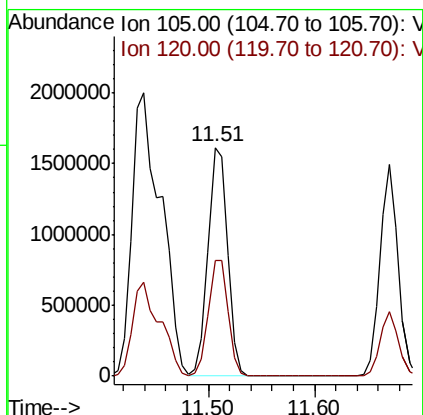
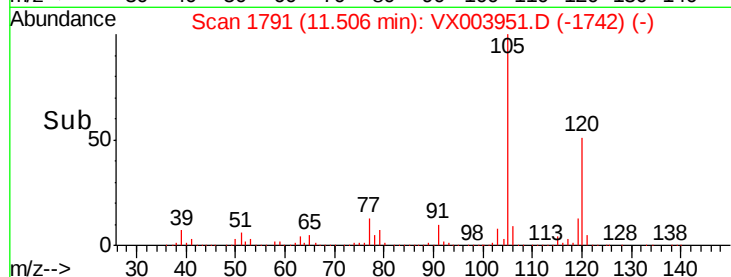
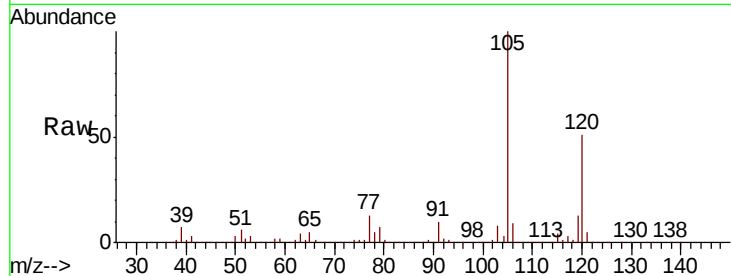




#80
 1,3,5-Trimethylbenzene
 Concen: 115.20 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

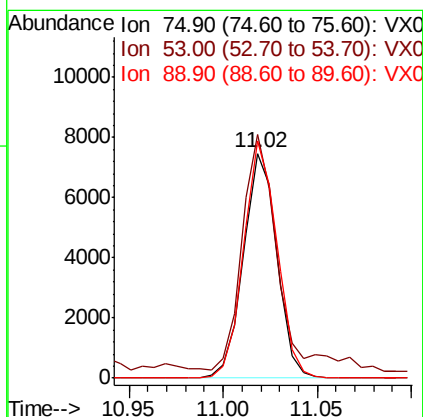
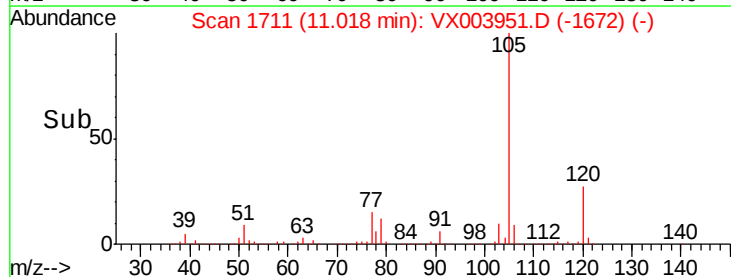
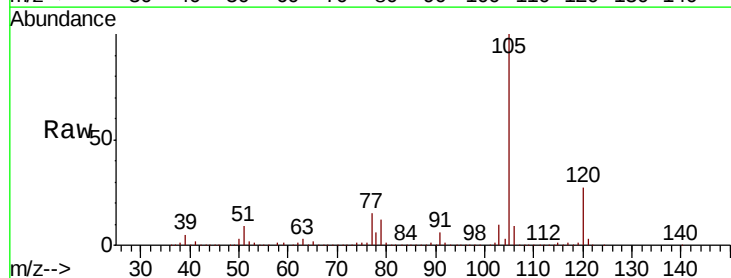
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0567

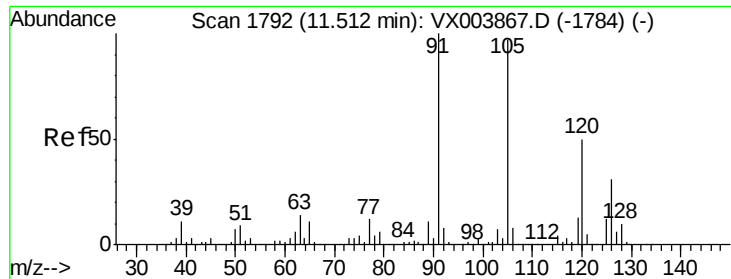
Tot Ion:105 Resp: 2008680
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.96 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.06 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

Tgt Ion: 75 Resp: 9185
 Ion Ratio Lower Upper
 75 100
 53 114.5 80.3 120.5
 89 105.3 37.8 56.8#





#82

4-Chlorotoluene

Concen: 12.00 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampled :

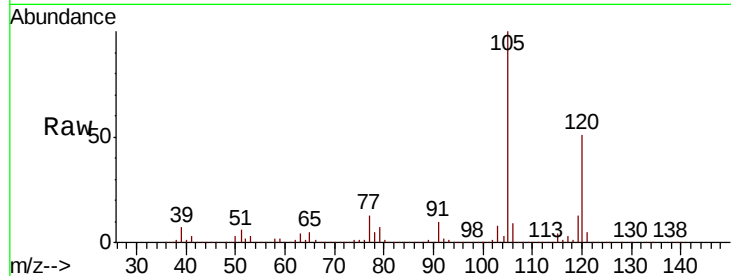
FL-0567

Tot Ion: 91 Resp: 205810

Ion Ratio Lower Upper

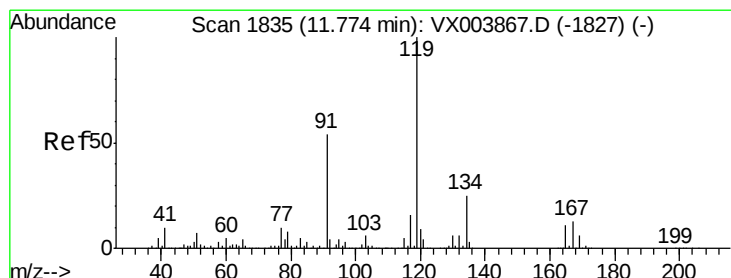
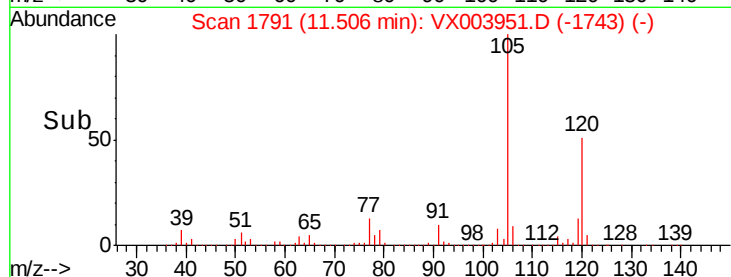
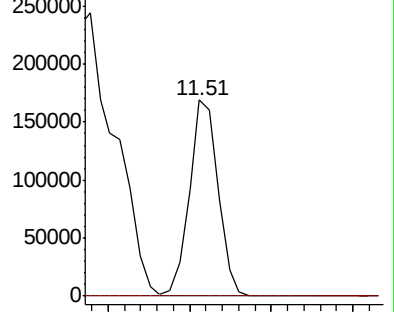
91 100

126 0.1 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.92 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

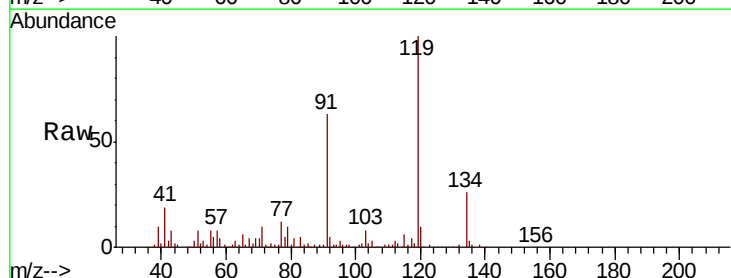
Tgt Ion: 119 Resp: 32855

Ion Ratio Lower Upper

119 100

91 65.5 26.9 80.7

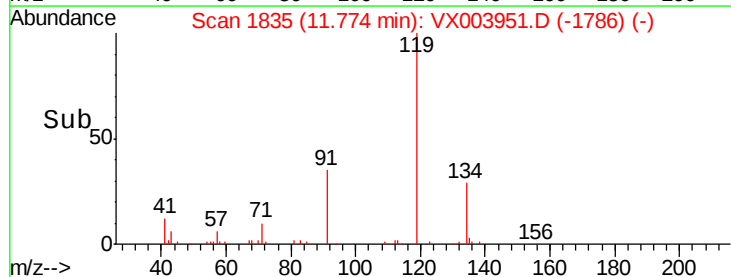
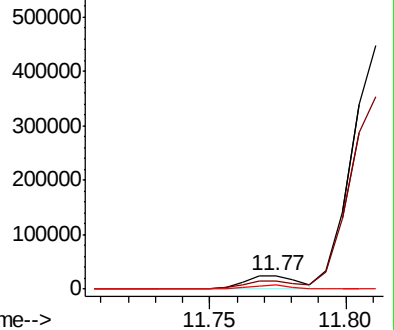
134 26.5 12.0 36.0

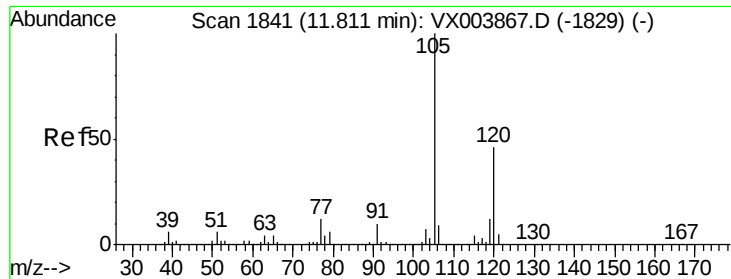


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

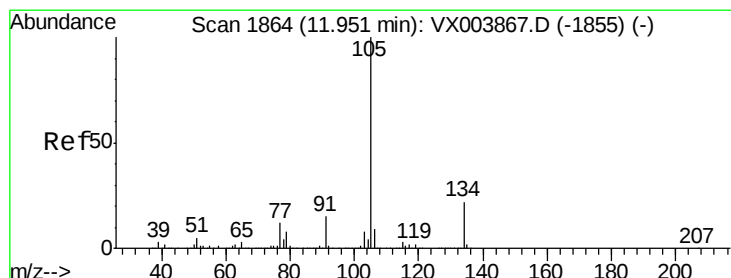
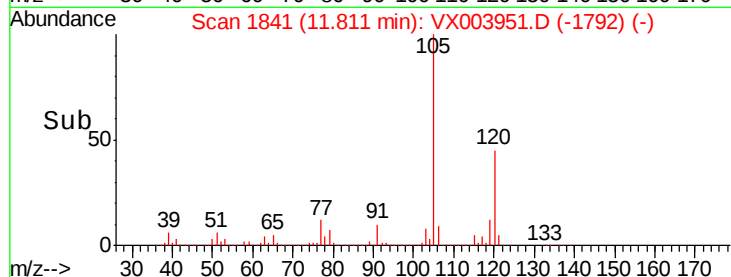
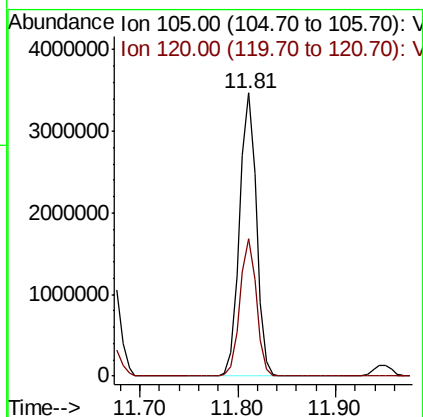
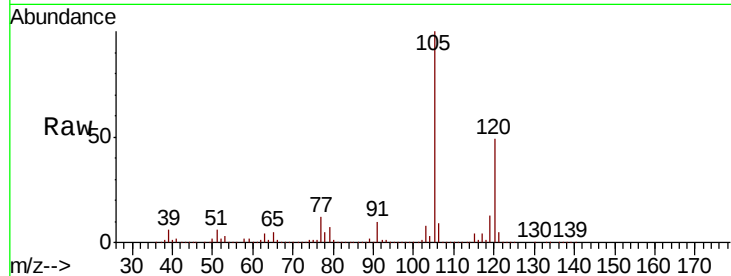




#84
 1,2,4-Trimethylbenzene
 Concen: 236.33 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

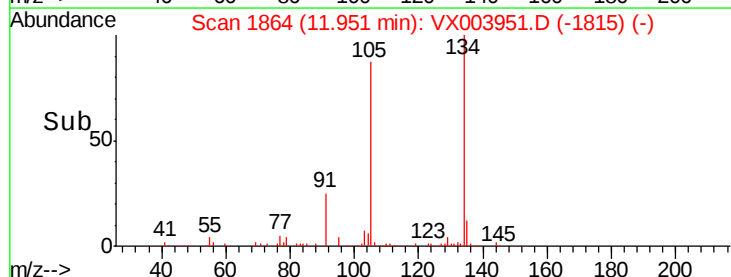
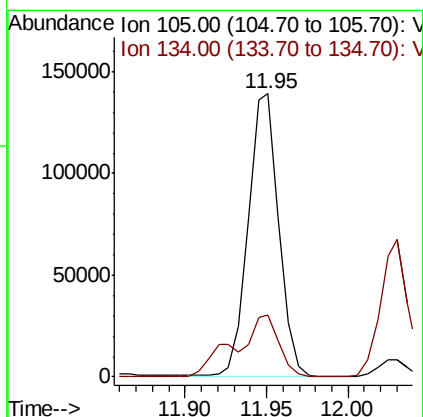
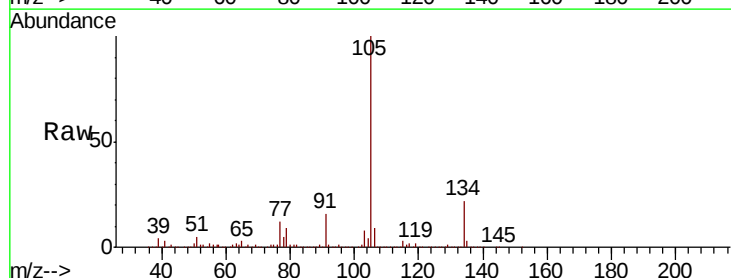
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0567

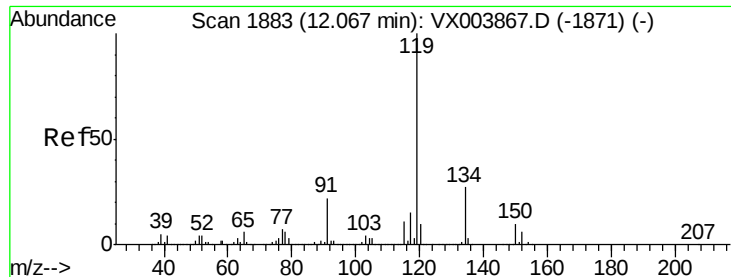
Tot Ion:105 Resp: 4143233
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 8.92 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003951.D
 Acq: 09 Aug 2018 15:30

Tgt Ion:105 Resp: 180559
 Ion Ratio Lower Upper
 105 100
 134 31.9 10.3 30.9#

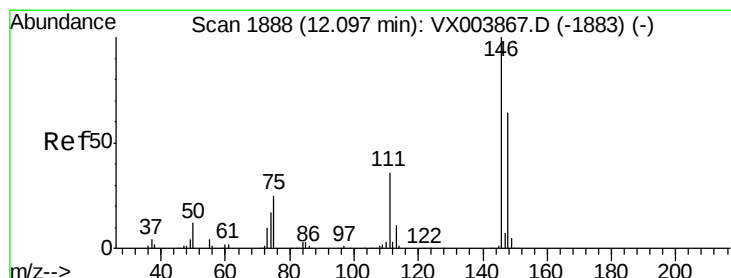
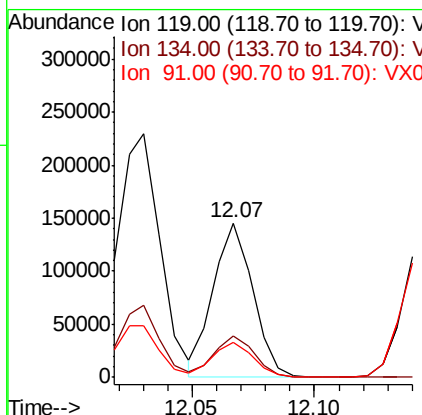
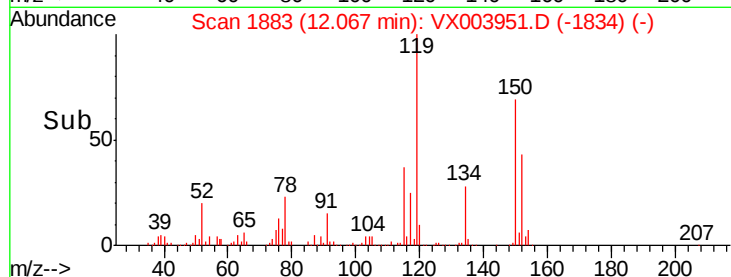
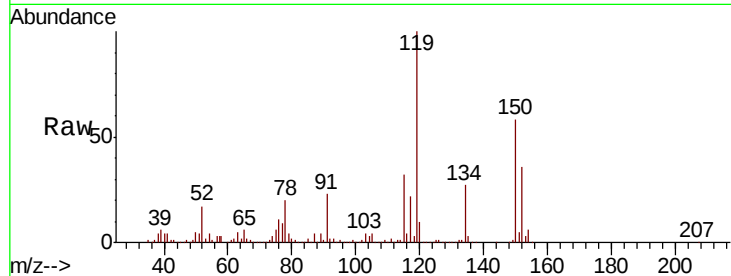




#86
p-Isopropyltoluene
Concen: 9.02 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

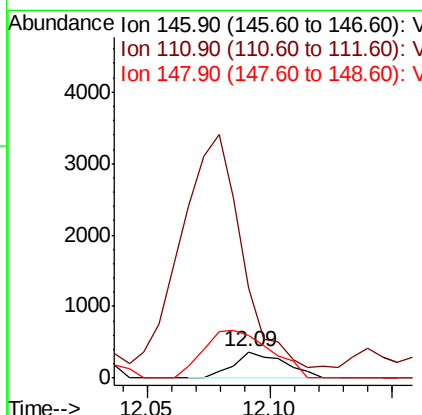
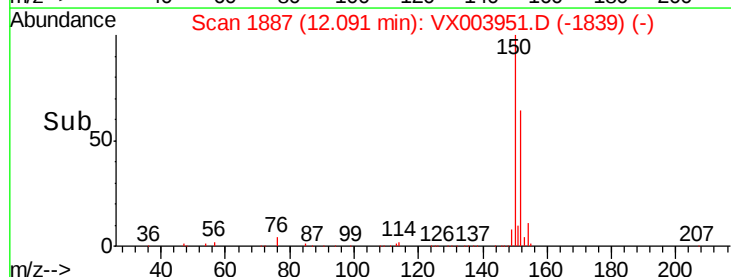
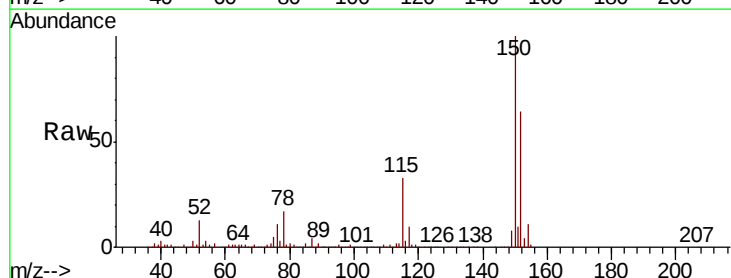
Instrument :
MSVOA_X
ClientSampled :
FL-0567

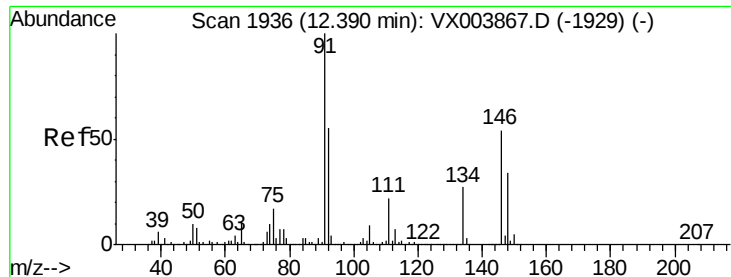
Tot Ion:119 Resp: 163769
Ion Ratio Lower Upper
119 100
134 27.6 13.3 39.8
91 22.9 10.9 32.7



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.09 min Scan# 1887
Delta R.T. -0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion:146 Resp: 526
Ion Ratio Lower Upper
146 100
111 1054.9 18.4 55.0#
148 243.5 32.3 96.8#

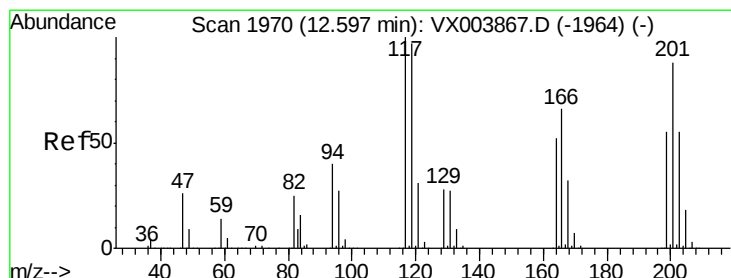
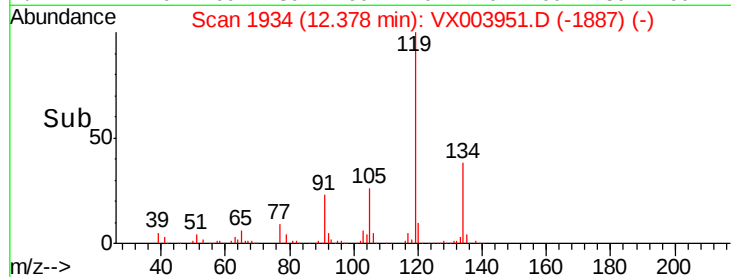
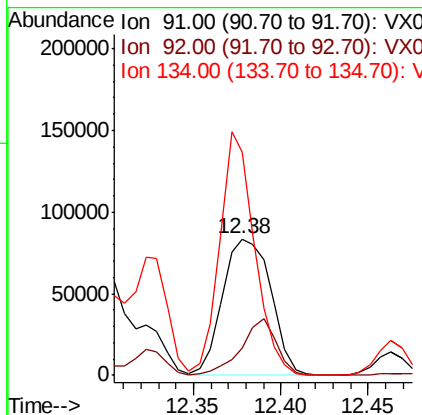
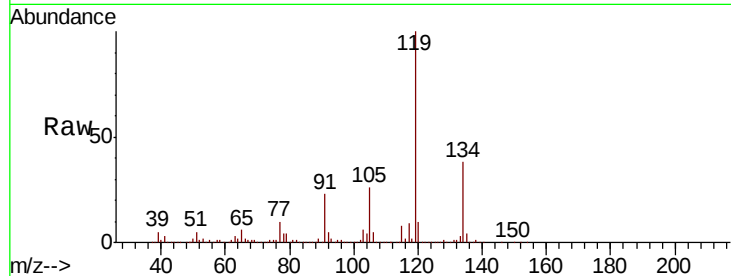




#89
n-Butylbenzene
Concen: 10.06 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

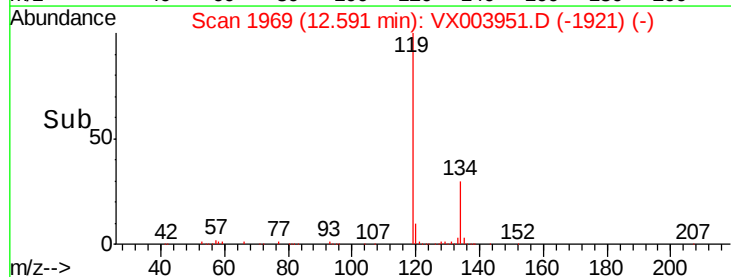
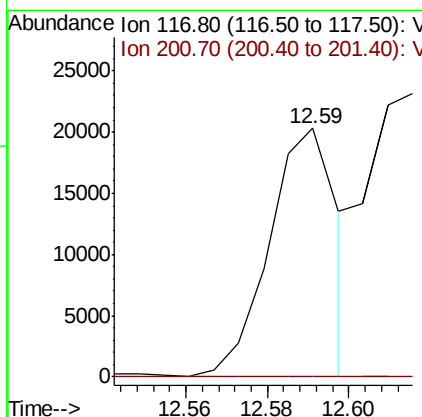
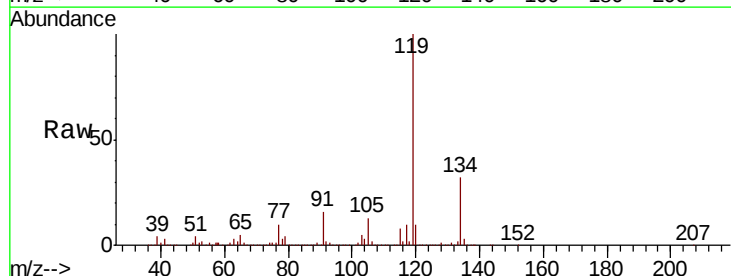
Instrument :
MSVOA_X
ClientSampled :
FL-0567

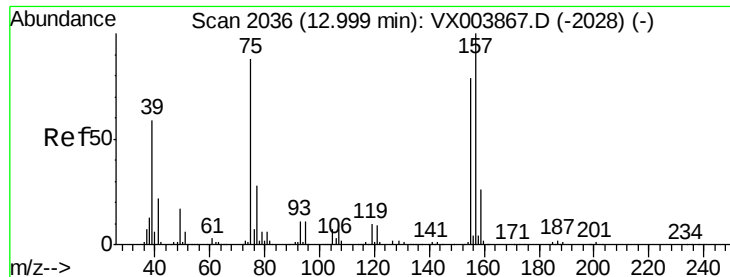
Tot Ion: 91 Resp: 159213
Ion Ratio Lower Upper
91 100
92 30.6 27.1 81.3
134 129.1 13.6 40.7#



#90
Hexachloroethane
Concen: 7.90 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003951.D
Acq: 09 Aug 2018 15:30

Tgt Ion: 117 Resp: 23302
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.53 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

FL-0567

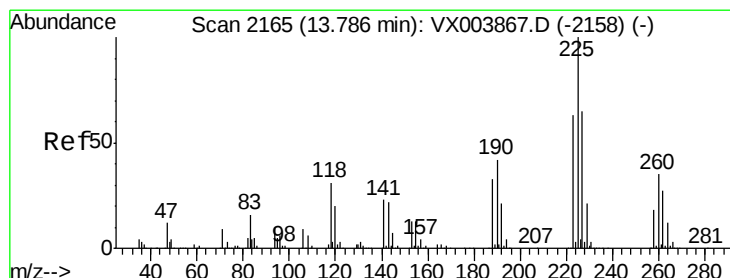
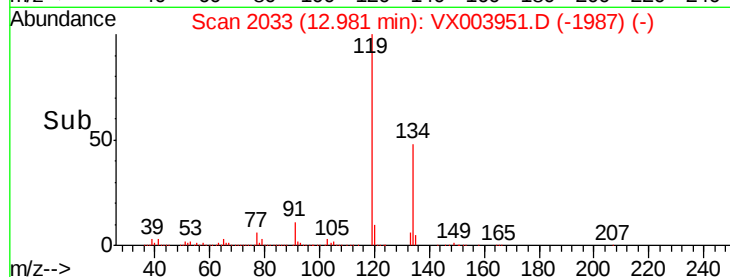
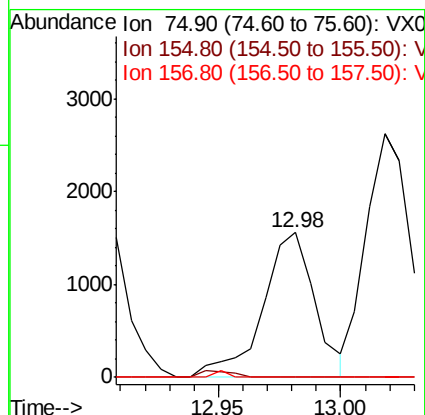
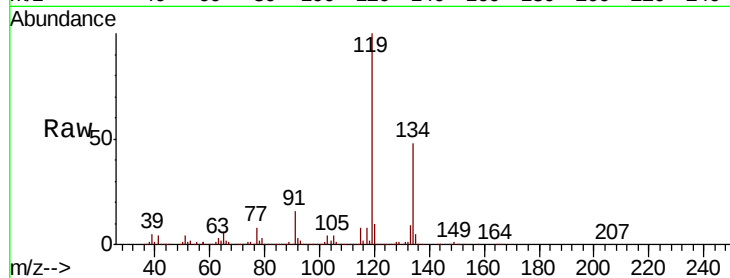
Tot Ion: 75 Resp: 2301

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 62.6 187.8#



#94

Hexachlorobutadiene

Concen: 0.51 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

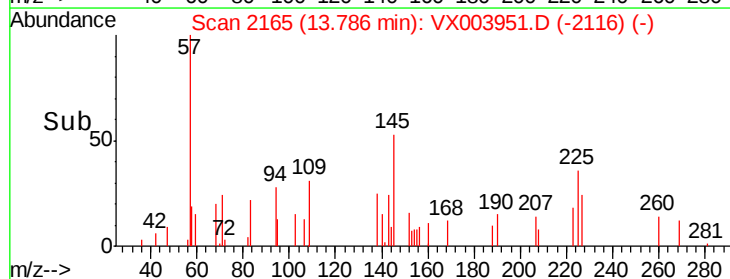
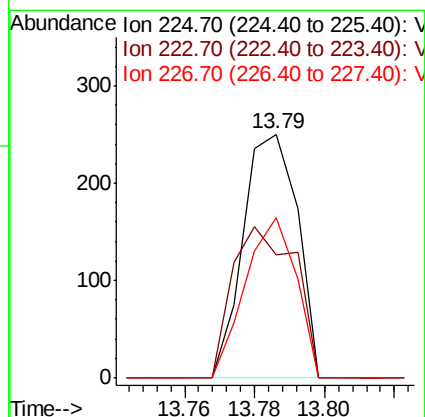
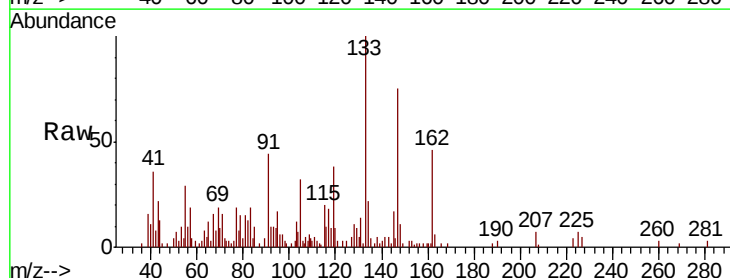
Tgt Ion: 225 Resp: 268

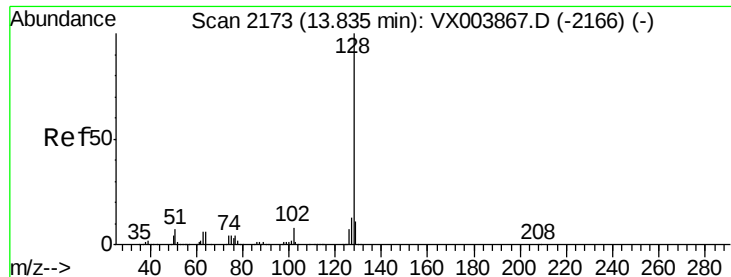
Ion Ratio Lower Upper

225 100

223 72.0 31.4 94.0

227 61.6 32.1 96.5





#95

Naphthalene

Concen: 52.19 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003951.D

Acq: 09 Aug 2018 15:30

Instrument :

MSVOA_X

ClientSampleId :

FL-0567

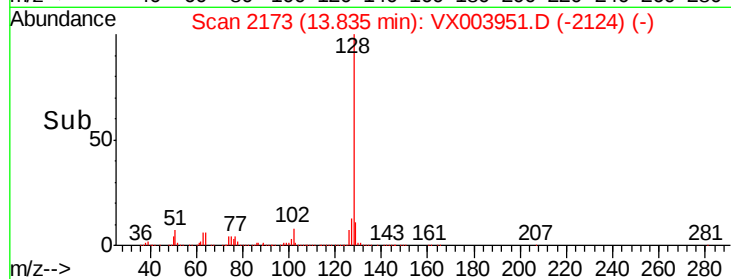
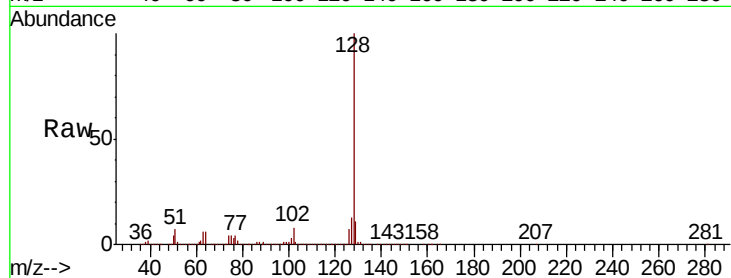
Tot Ion:128 Resp: 1123675

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

1200000 Ion 127.00 (126.70 to 127.70): V

1000000 Ion 129.00 (128.70 to 129.70): V

