

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003969.D
 Acq On : 10 Aug 2018 11:51
 Operator : JC/MD
 Sample : J4387-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0567DL

Quant Time: Aug 11 01:42:33 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	323084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	468157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264062	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	215457	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	186322	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	719520	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	253350	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1143	0.26	ug/l	100
5) Bromomethane	1.64	94	1558	Below Cal		92
6) Chloroethane	1.64	64	8753	3.08	ug/l #	55
10) Methyl Iodide	2.51	142	1312	0.29	ug/l #	96
11) Tert butyl alcohol	3.02	59	1003	0.97	ug/l #	73
13) Acrolein	2.29	56	209	Below Cal	#	15
15) Acrylonitrile	3.17	53	1741	0.71	ug/l #	55
16) Acetone	2.45	43	2073	0.81	ug/l	91
17) Carbon Disulfide	2.57	76	1717	0.61	ug/l #	91
18) Methyl Acetate	2.84	43	36970	6.66	ug/l #	52
20) Methylene Chloride	2.86	84	1829	Below Cal	#	68
29) Tetrahydrofuran	5.17	42	969	0.49	ug/l #	53
31) Cyclohexane	5.57	56	45998	7.45	ug/l	98
36) 1,1-Dichloropropene	5.66	75	21538	3.84	ug/l #	49
38) Carbon Tetrachloride	5.66	117	28916	5.42	ug/l #	15
39) Methylcyclohexane	7.46	83	83943	12.70	ug/l	99
45) 1,2-Dichloropropane	7.45	63	1059	0.24	ug/l #	1
48) Methyl methacrylate	7.73	41	4580	0.97	ug/l #	53
55) 1,1,2-Trichloroethane	9.16	97	7319	1.68	ug/l #	19
56) Ethyl methacrylate	9.16	69	1722	0.27	ug/l #	1
67) Ethyl Benzene	10.25	91	64319	3.23	ug/l	96
68) m/p-Xylenes	10.36	106	315258	40.46	ug/l	97
69) o-Xylene	10.70	106	8018	1.09	ug/l	95
73) Isopropylbenzene	11.02	105	60498	3.10	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	122993	21.09	ug/l #	36
78) n-propylbenzene	11.36	91	86167	3.93	ug/l	99
79) 2-Chlorotoluene	11.44	91	34940	2.61	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	157115	9.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	122993	57.04	ug/l #	9
82) 4-Chlorotoluene	11.51	91	17713	1.13	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.81	105	324335	20.25	ug/l	99
85) sec-Butylbenzene	11.94	105	14781	0.80	ug/l #	77
86) p-Isopropyltoluene	12.07	119	12976	0.78	ug/l	91
88) 1,4-Dichlorobenzene	12.03	146	659	Below Cal		93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
Data File : VX003969.D
Acq On : 10 Aug 2018 11:51
Operator : JC/MD
Sample : J4387-10DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0567DL

Quant Time: Aug 11 01:42:33 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

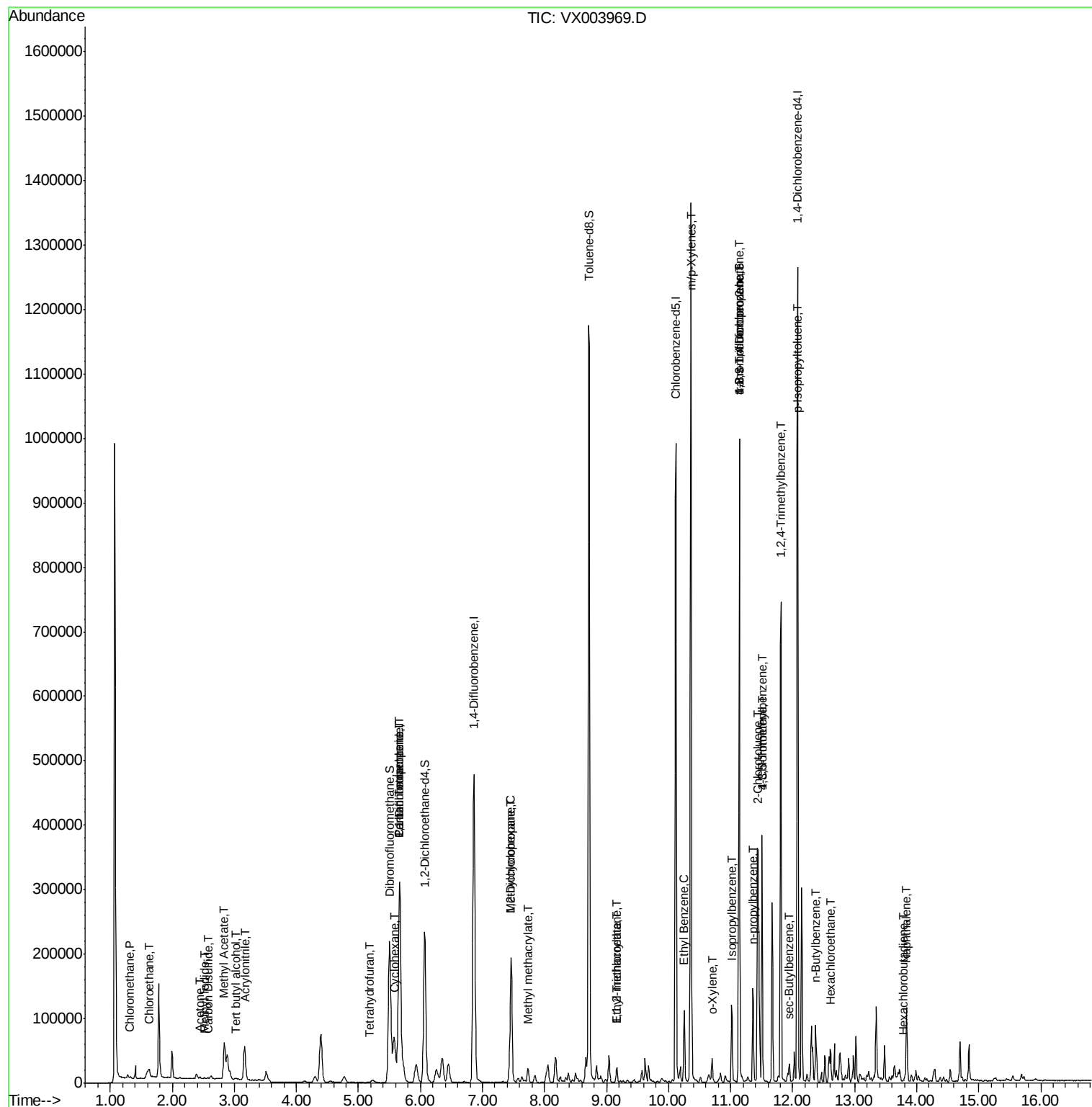
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	12208	0.84	ug/l #	24
90) Hexachloroethane	12.61	117	4186	1.55	ug/l #	4
94) Hexachlorobutadiene	13.78	225	294	0.53	ug/l	89
95) Naphthalene	13.83	128	69541	3.54	ug/l	97

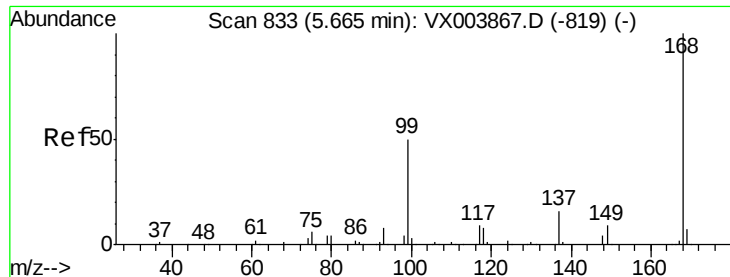
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081018\
Data File : VX003969.D
Acq On : 10 Aug 2018 11:51
Operator : JC/MD
Sample : J4387-10DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0567DL

Quant Time: Aug 11 01:42:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

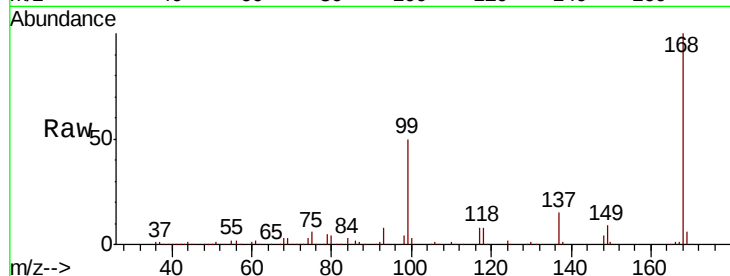
FL-0567DL

Tot Ion:168 Resp: 323084

Ion Ratio Lower Upper

168 100

99 49.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

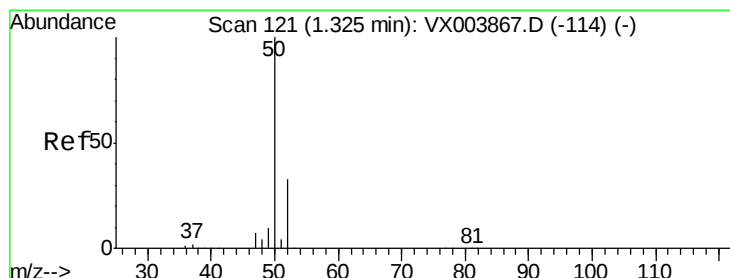
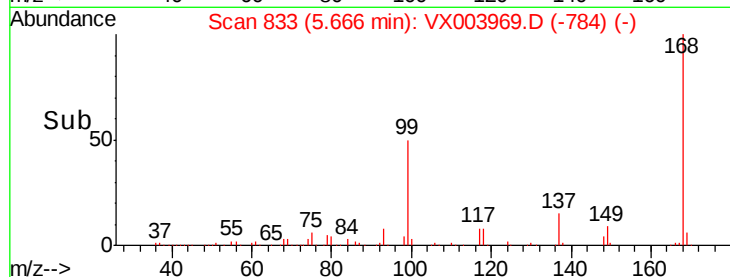
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003969.D

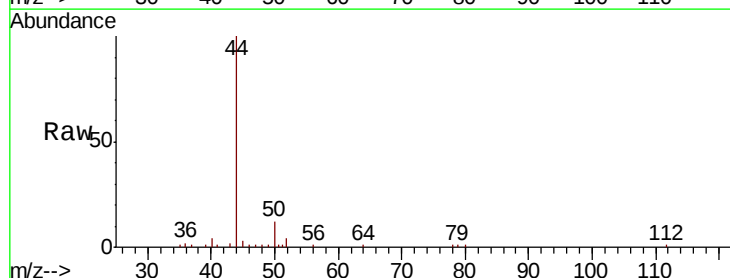
Acq: 10 Aug 2018 11:51

Tgt Ion: 50 Resp: 1143

Ion Ratio Lower Upper

50 100

52 33.1 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

800

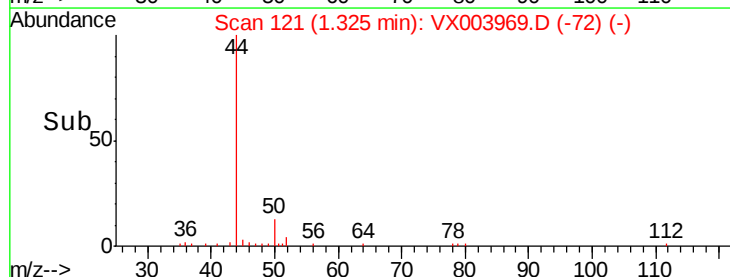
600

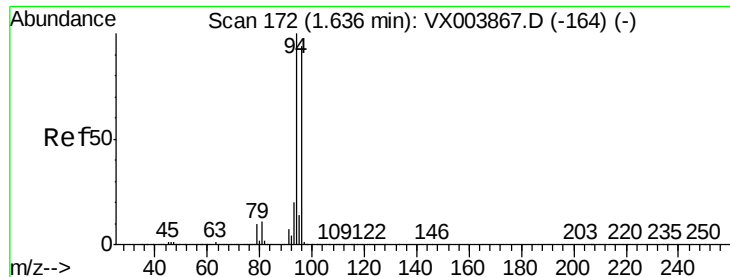
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampled :

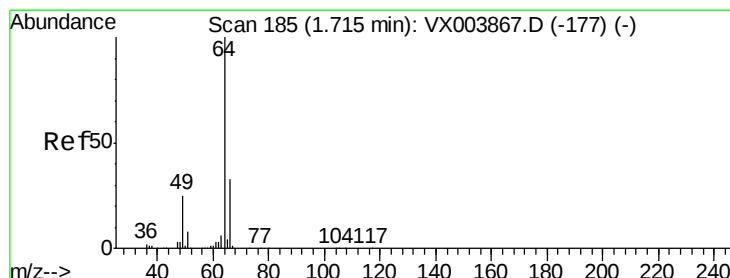
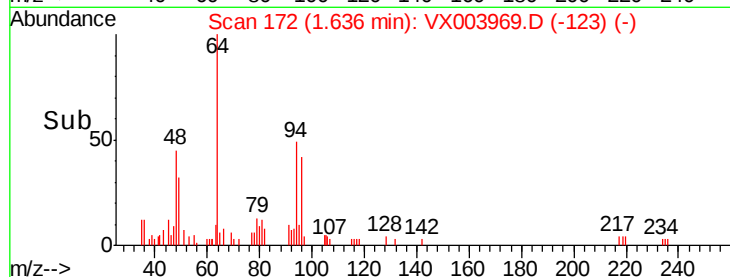
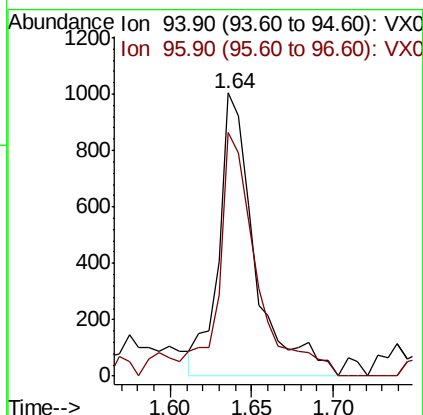
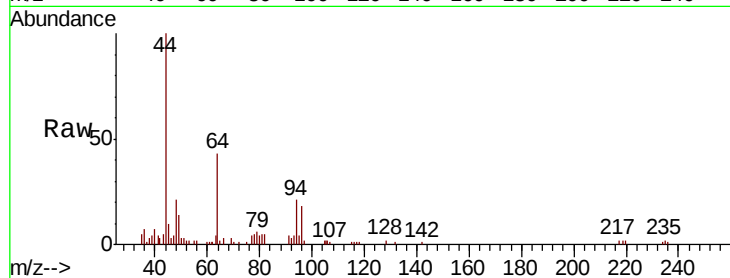
FL-0567DL

Tot Ion: 94 Resp: 1558

Ion Ratio Lower Upper

94 100

96 86.0 75.2 112.8



#6

Chloroethane

Concen: 3.08 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.08 min

Lab File: VX003969.D

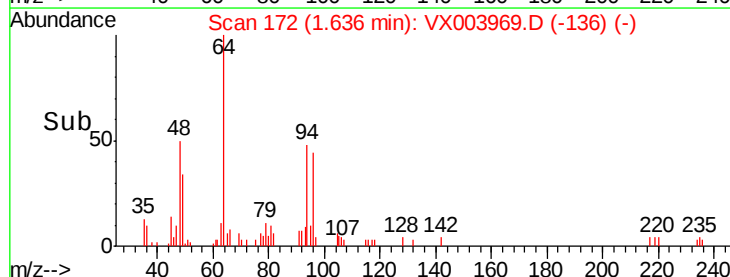
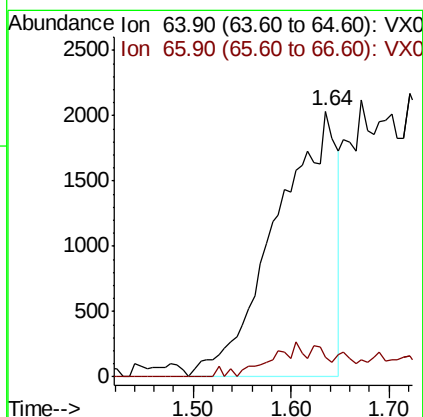
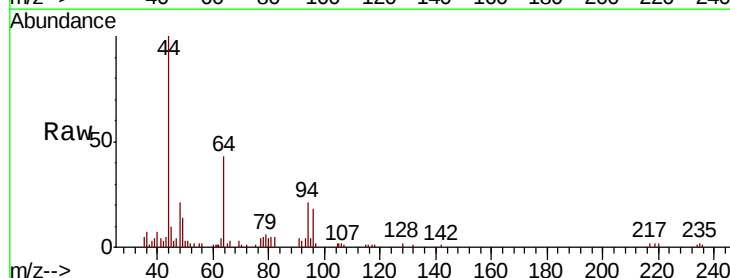
Acq: 10 Aug 2018 11:51

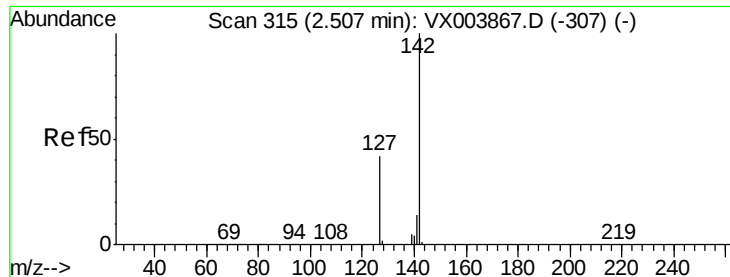
Tgt Ion: 64 Resp: 8753

Ion Ratio Lower Upper

64 100

66 7.6 26.5 39.7#

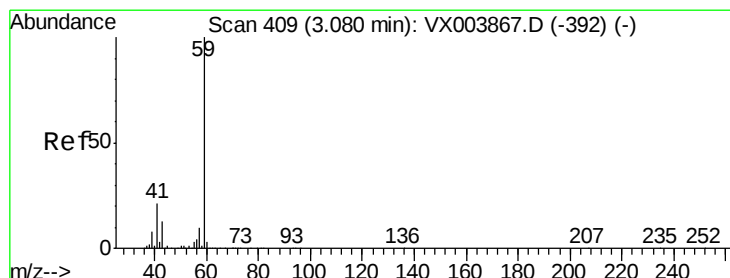
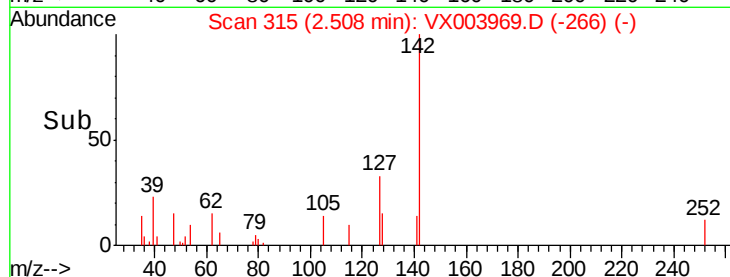
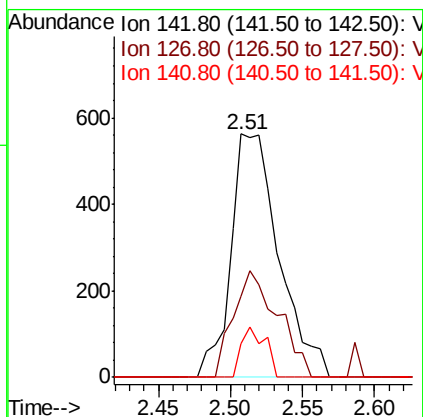
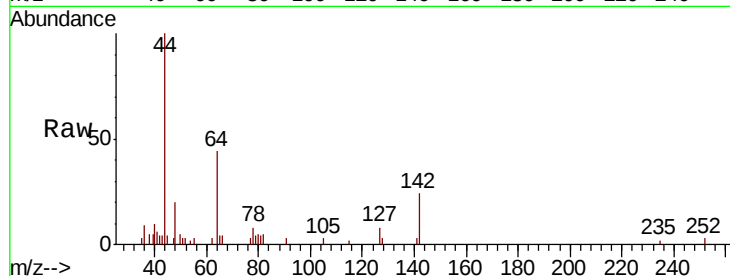




#10
Methyl Iodide
Concen: 0.29 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

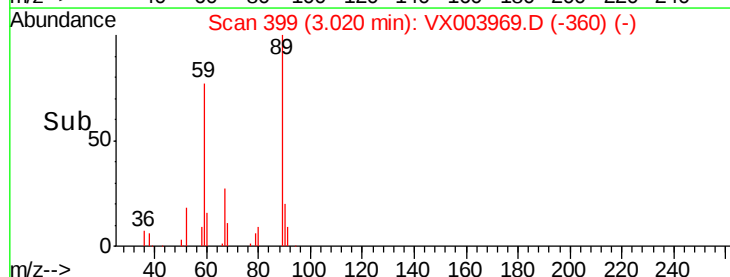
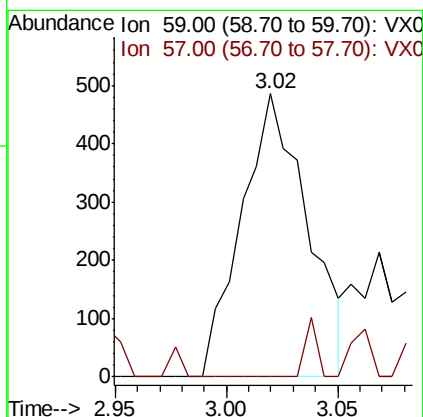
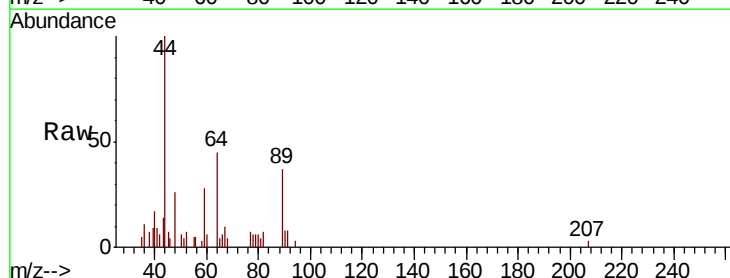
Instrument :
MSVOA_X
ClientSampleId :
FL-0567DL

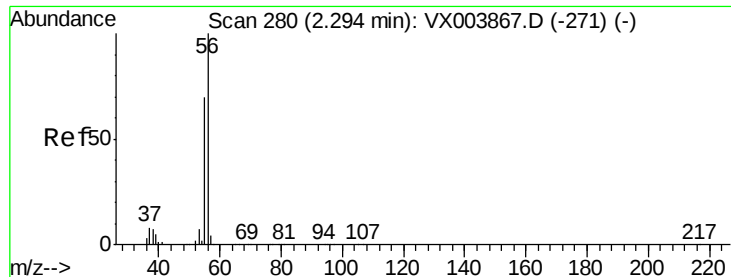
Tot Ion:142 Resp: 1312
Ion Ratio Lower Upper
142 100
127 40.2 33.1 49.7
141 10.1 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.97 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Tgt Ion: 59 Resp: 1003
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

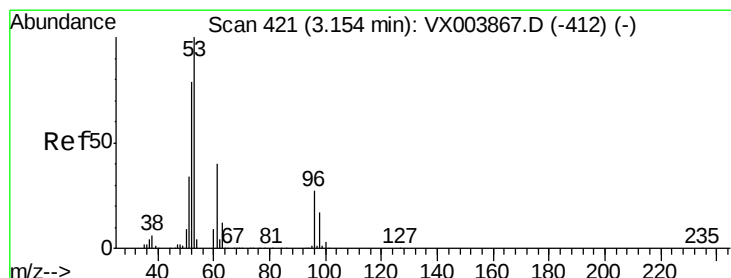
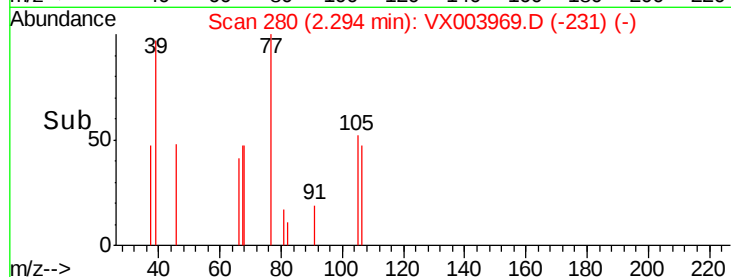
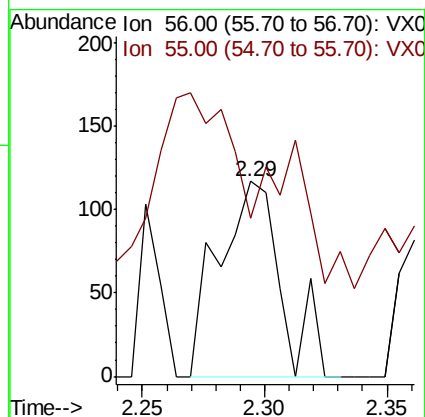
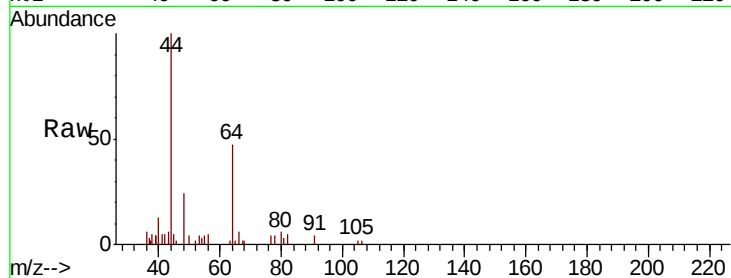
FL-0567DL

Tot Ion: 56 Resp: 209

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



#15

Acrylonitrile

Concen: 0.71 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

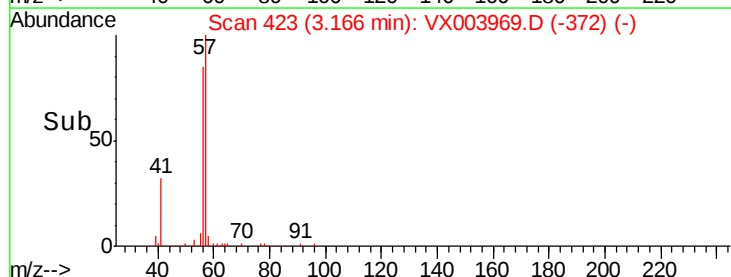
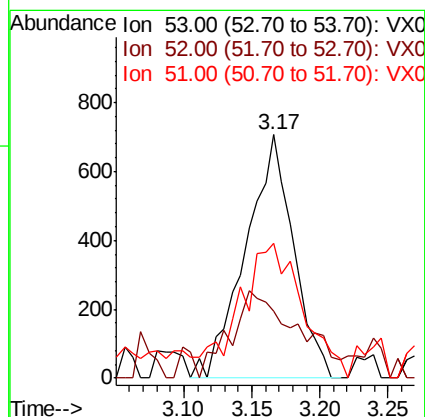
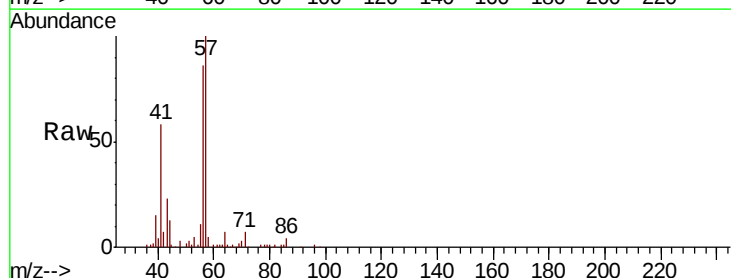
Tgt Ion: 53 Resp: 1741

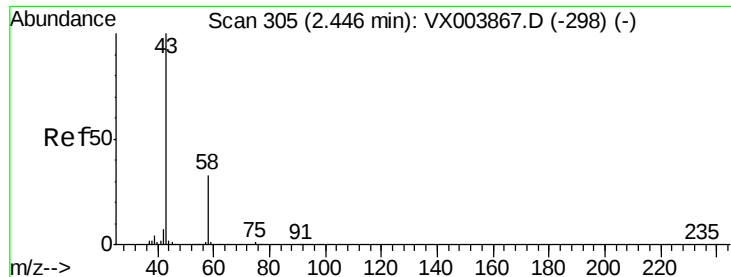
Ion Ratio Lower Upper

53 100

52 50.3 65.3 97.9#

51 73.5 27.9 41.9#





#16

Acetone

Concen: 0.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampled :

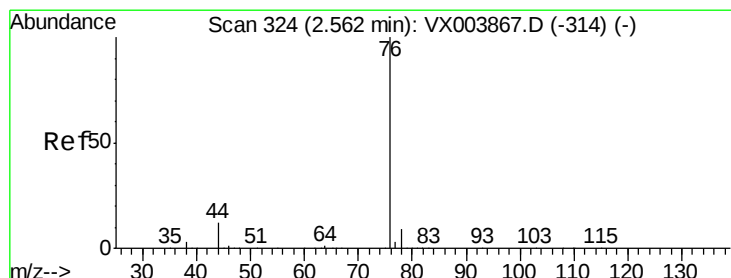
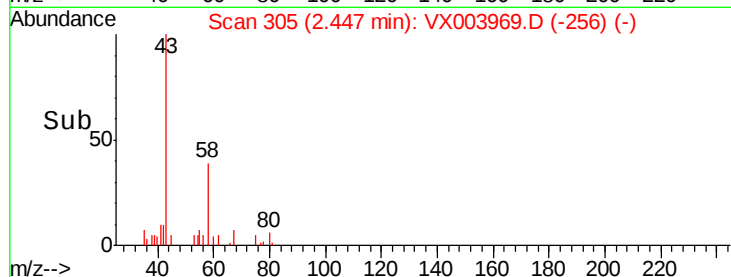
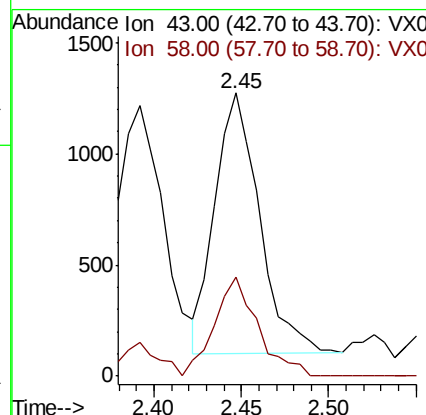
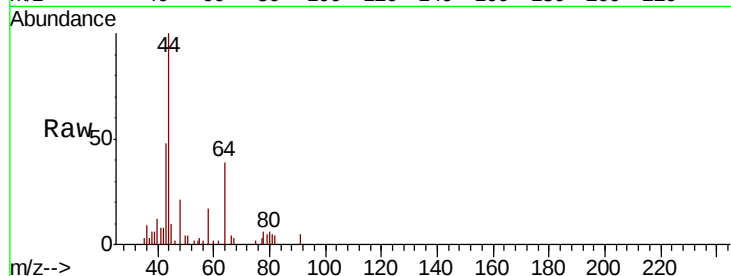
FL-0567DL

Tot Ion: 43 Resp: 2073

Ion Ratio Lower Upper

43 100

58 38.2 26.4 39.6



#17

Carbon Disulfide

Concen: 0.61 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003969.D

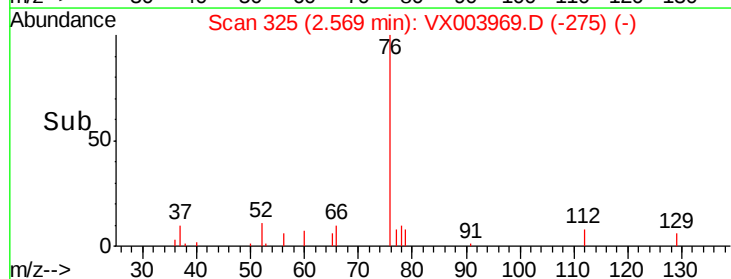
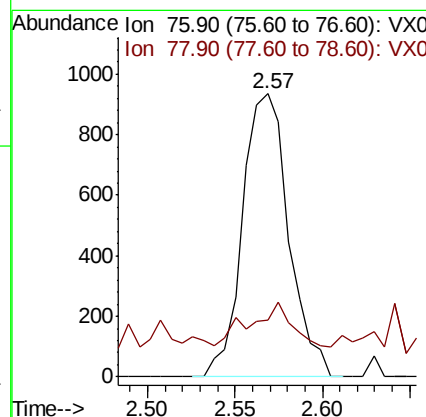
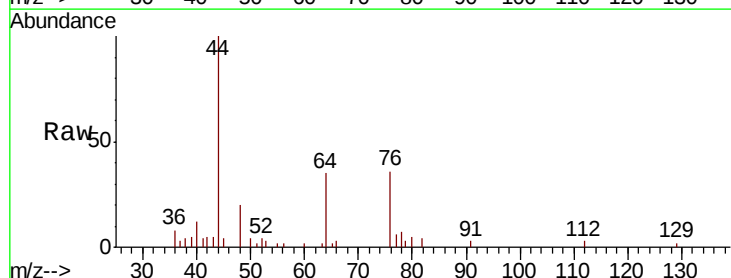
Acq: 10 Aug 2018 11:51

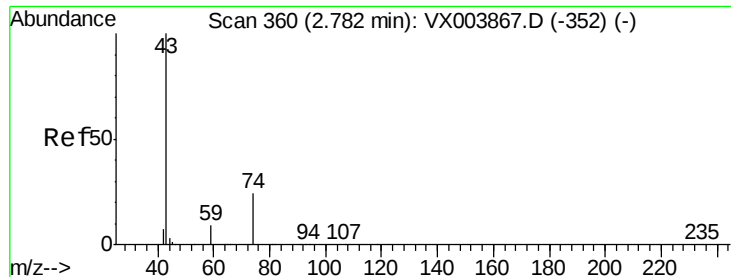
Tgt Ion: 76 Resp: 1717

Ion Ratio Lower Upper

76 100

78 6.1 7.5 11.3#

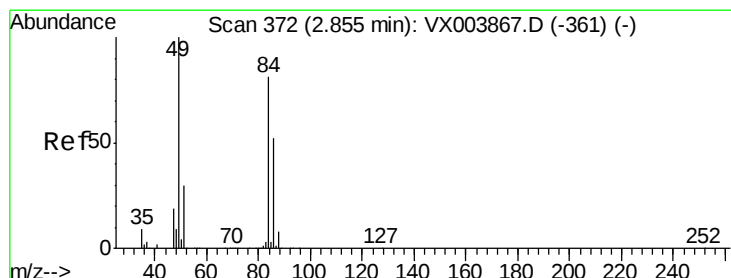
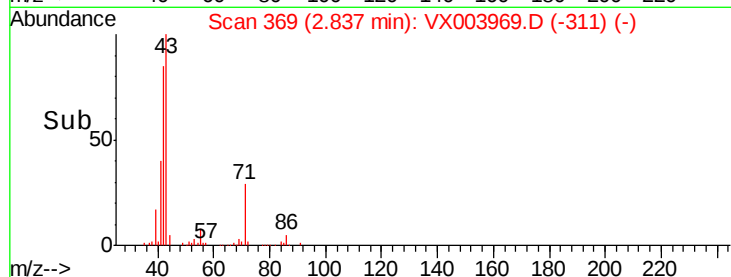
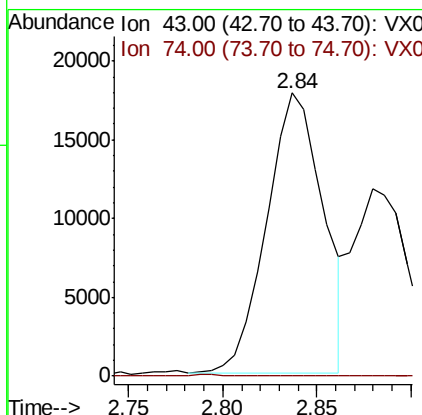
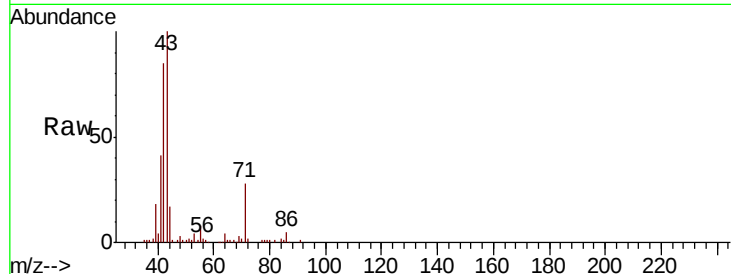




#18
Methyl Acetate
Concen: 6.66 ug/l
RT: 2.84 min Scan# 369
Delta R.T. 0.06 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

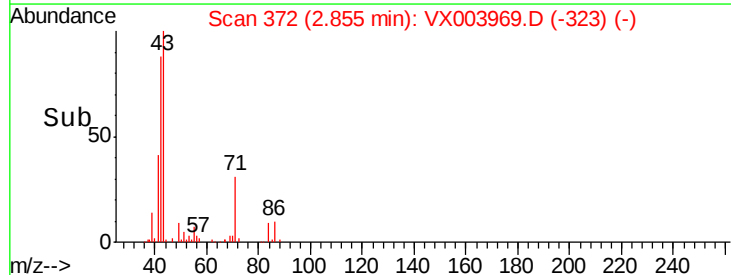
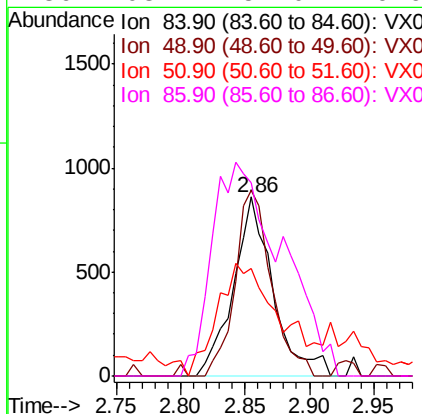
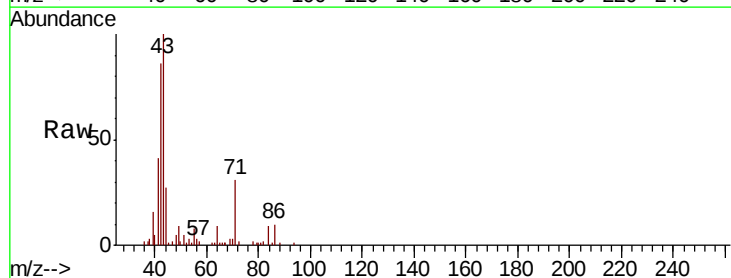
Instrument :
MSVOA_X
ClientSampleId :
FL-0567DL

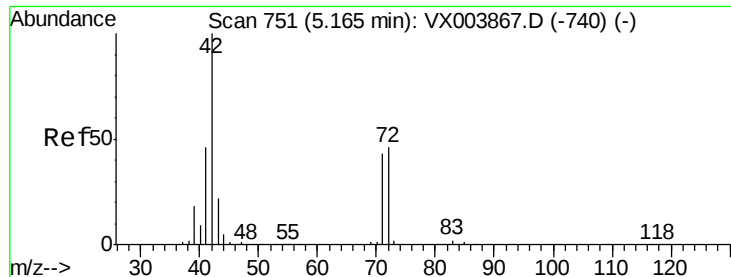
Tot Ion: 43 Resp: 36970
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Tgt Ion: 84 Resp: 1829
Ion Ratio Lower Upper
84 100
49 103.6 98.9 148.3
51 60.2 29.9 44.9#
86 108.2 51.0 76.6#

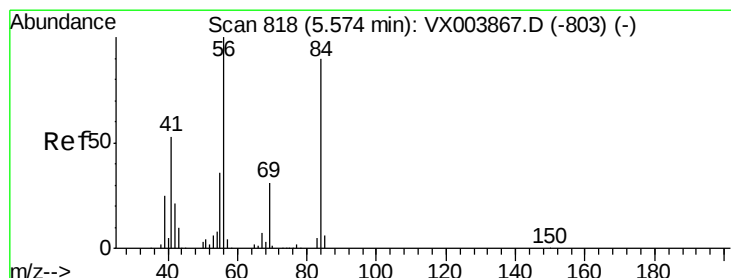
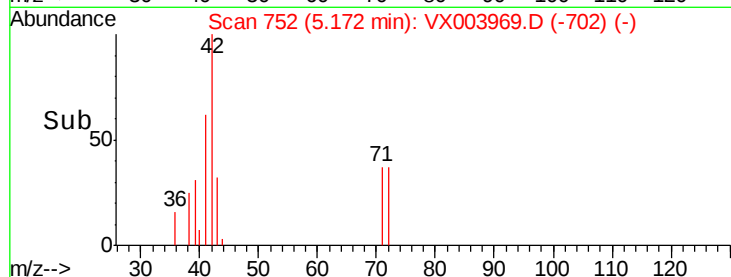
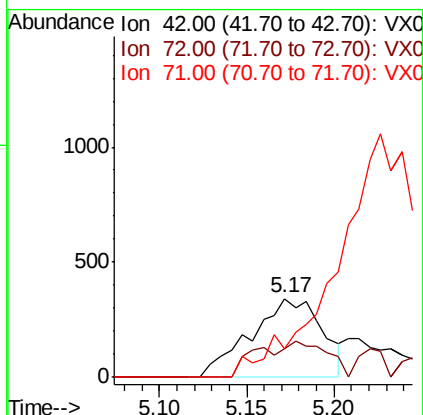
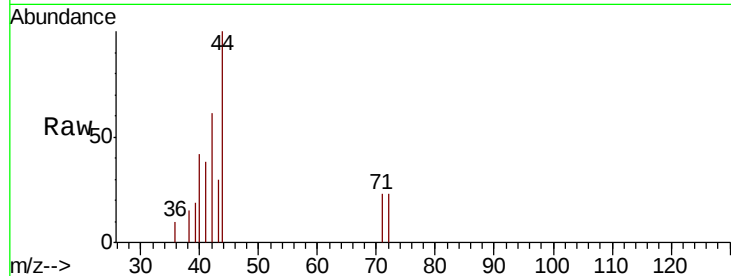




#29
Tetrahydrofuran
Concen: 0.49 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

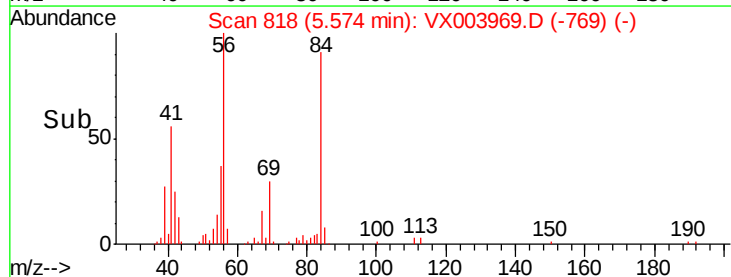
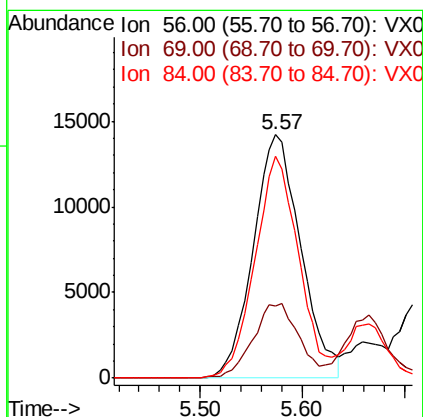
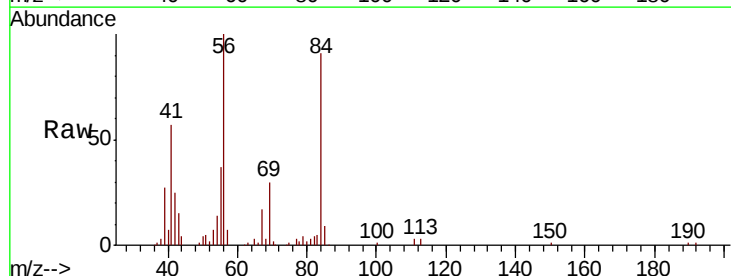
Instrument :
MSVOA_X
ClientSampled :
FL-0567DL

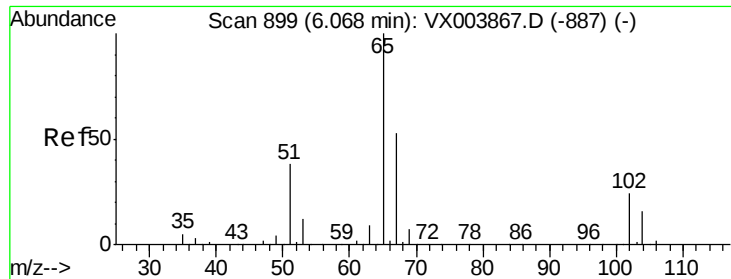
Tot Ion: 42 Resp: 969
Ion Ratio Lower Upper
42 100
72 28.4 37.7 56.5#
71 0.0 35.0 52.6#



#31
Cyclohexane
Concen: 7.45 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Tgt Ion: 56 Resp: 45998
Ion Ratio Lower Upper
56 100
69 29.8 24.9 37.3
84 91.0 71.7 107.5





#33

1,2-Dichloroethane-d4

Concen: 50.31 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

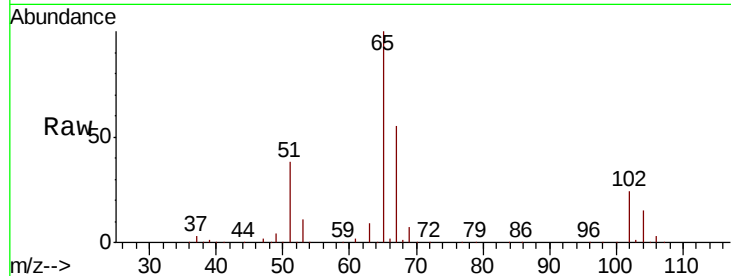
FL-0567DL

Tot Ion: 65 Resp: 215457

Ion Ratio Lower Upper

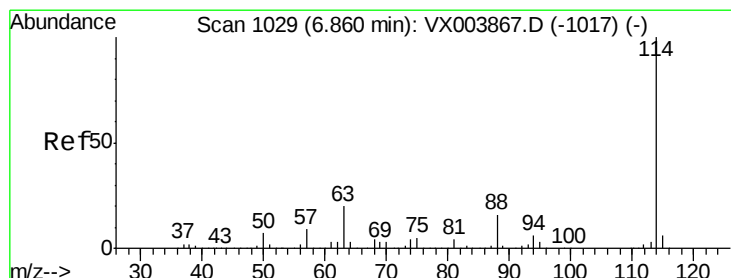
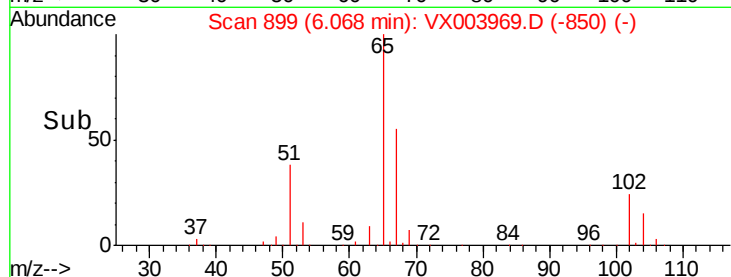
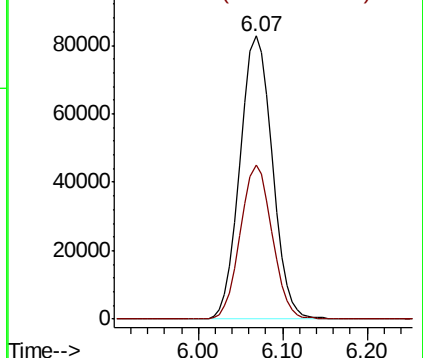
65 100

67 53.4 0.0 105.8



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: VX003969.D

Acq: 10 Aug 2018 11:51

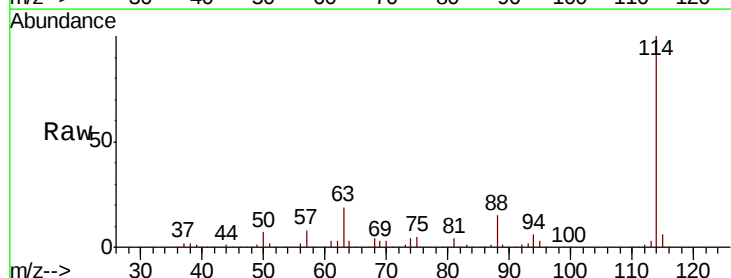
Tgt Ion: 114 Resp: 500710

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

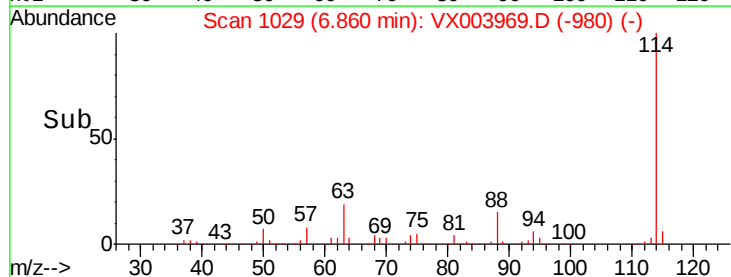
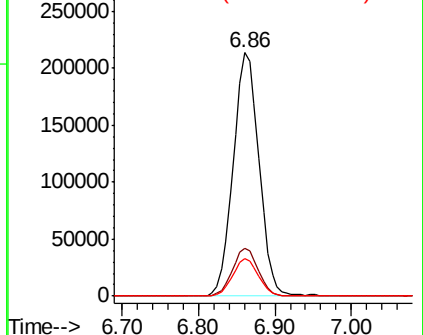
88 15.2 0.0 32.0

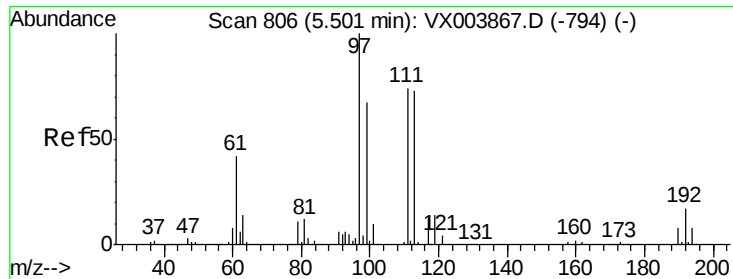


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

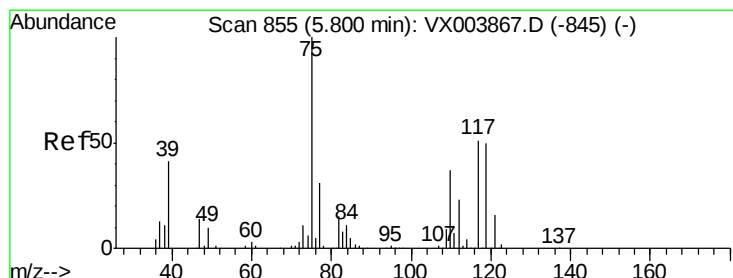
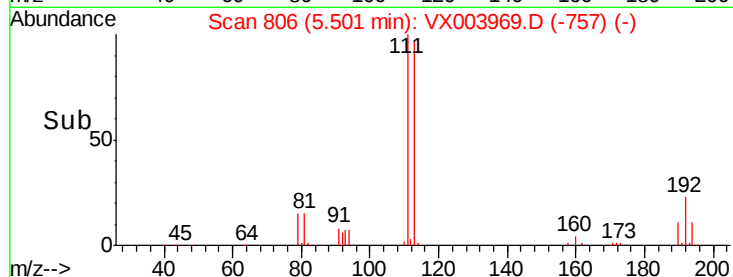
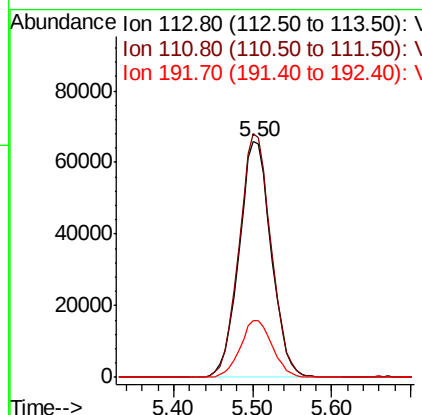
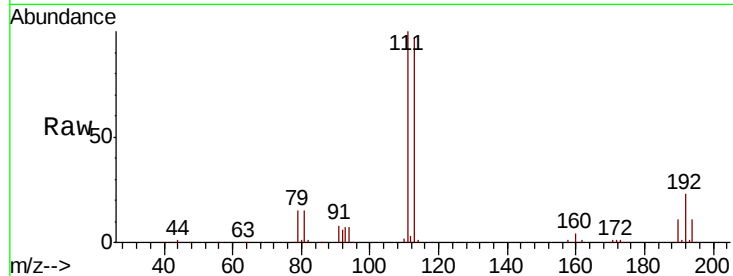




#35
 Dibromofluoromethane
 Concen: 49.12 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003969.D
 Acq: 10 Aug 2018 11:51

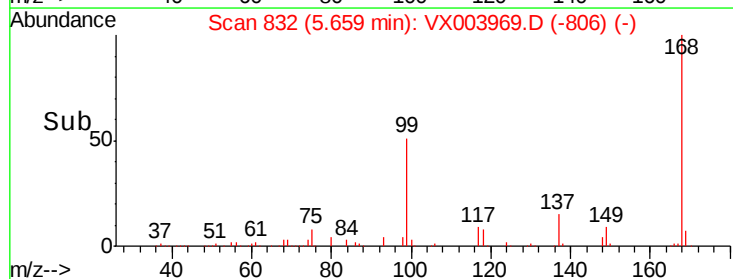
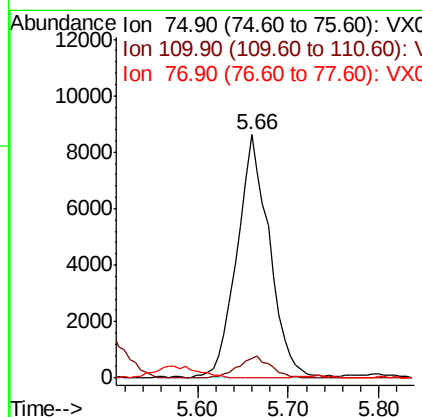
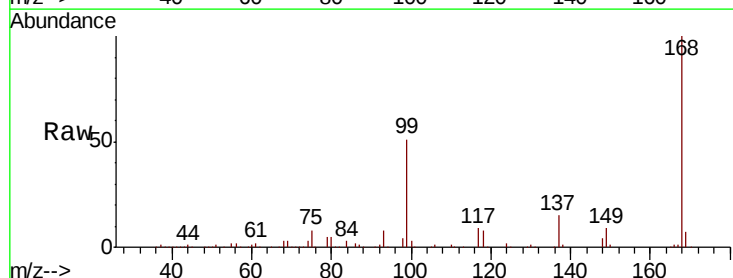
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0567DL

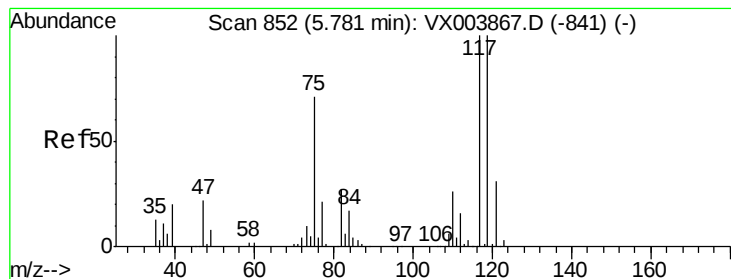
Tot Ion:113 Resp: 186322
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 24.1 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX003969.D
 Acq: 10 Aug 2018 11:51

Tgt Ion: 75 Resp: 21538
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.42 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.12 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampled :

FL-0567DL

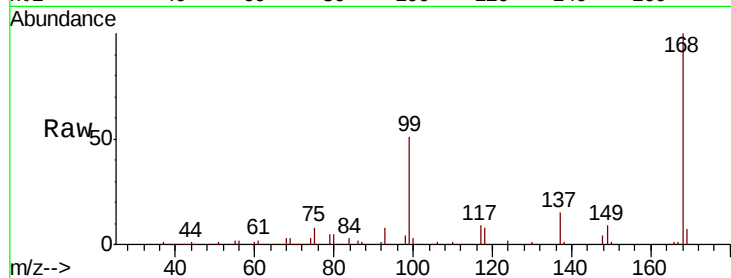
Tot Ion:117 Resp: 28916

Ion Ratio Lower Upper

117 100

119 5.3 79.5 119.3#

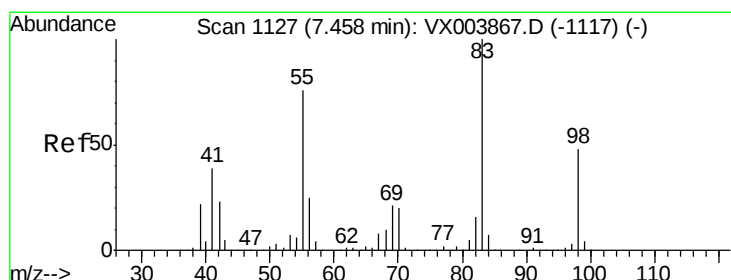
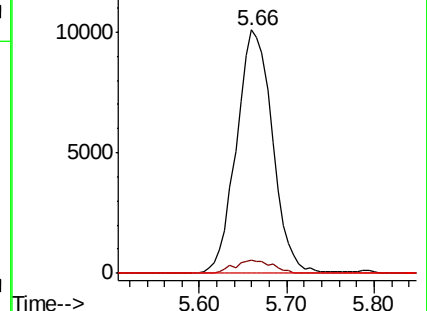
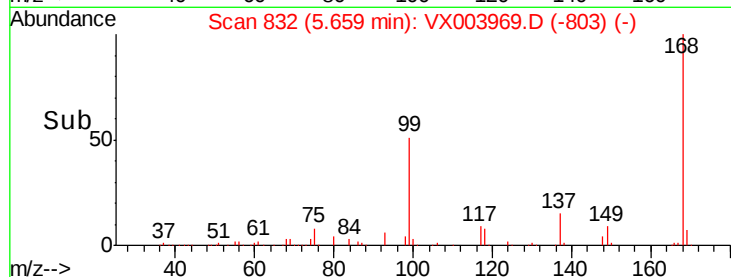
121 0.0 25.0 37.4#



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

Methylcyclohexane

Concen: 12.70 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

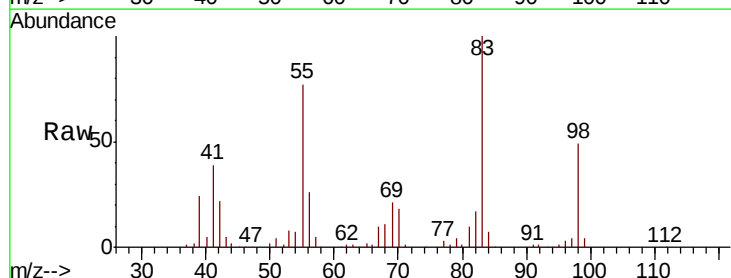
Tgt Ion: 83 Resp: 83943

Ion Ratio Lower Upper

83 100

55 76.8 61.0 91.6

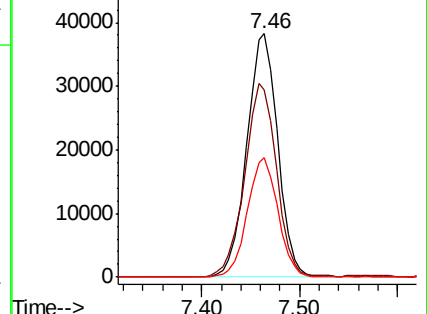
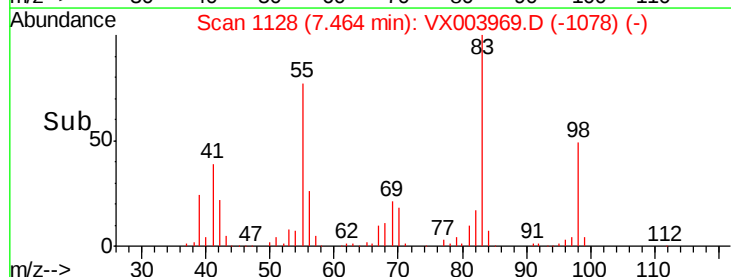
98 49.3 38.6 57.8

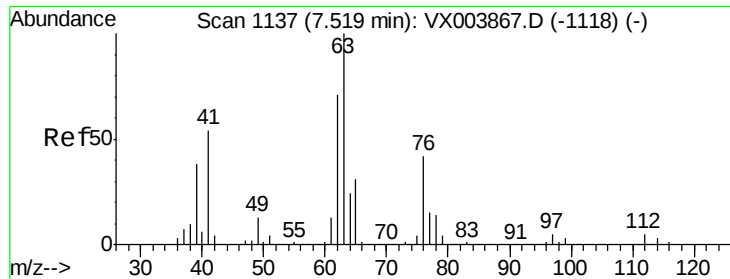


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#45

1,2-Dichloropropane

Concen: 0.24 ug/l

RT: 7.45 min Scan# 1126

Delta R.T. -0.07 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

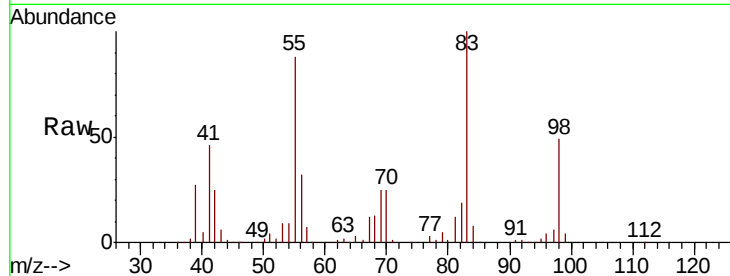
FL-0567DL

Tot Ion: 63 Resp: 1059

Ion Ratio Lower Upper

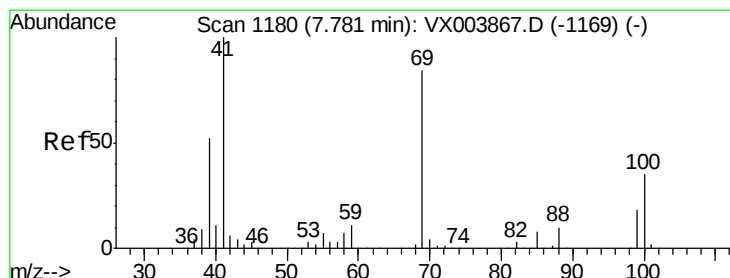
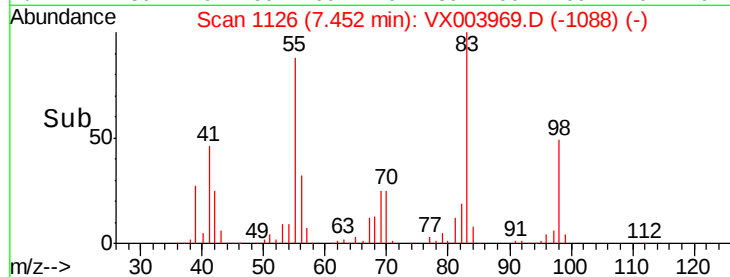
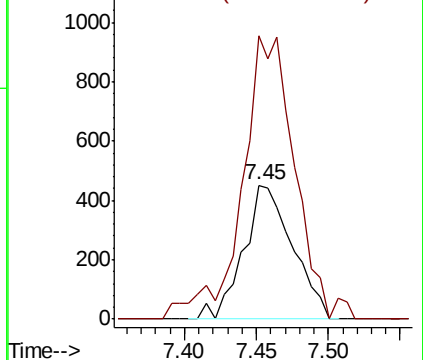
63 100

65 199.6 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 0.97 ug/l

RT: 7.73 min Scan# 1171

Delta R.T. -0.05 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

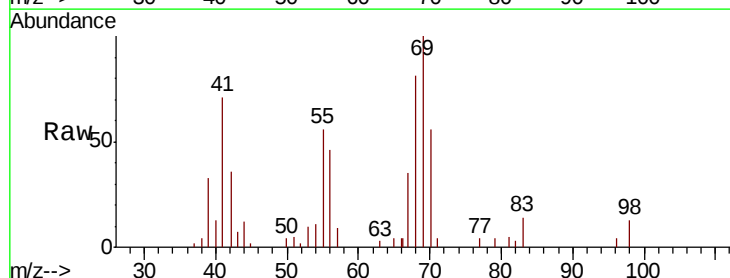
Tgt Ion: 41 Resp: 4580

Ion Ratio Lower Upper

41 100

69 153.4 68.8 103.2#

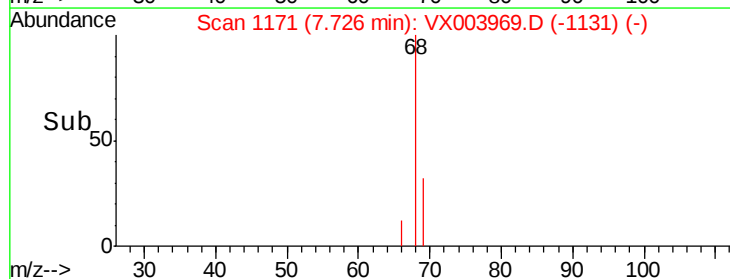
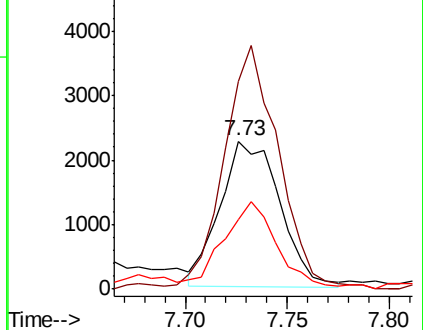
39 55.5 42.3 63.5

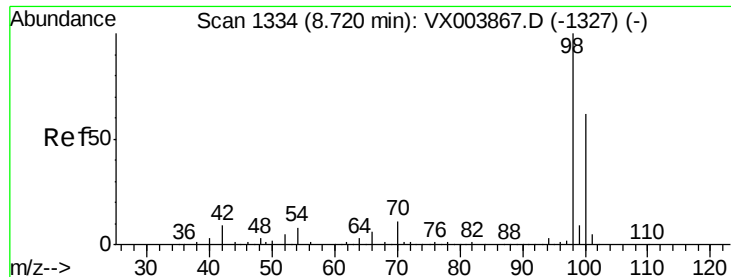


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 48.78 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampled :

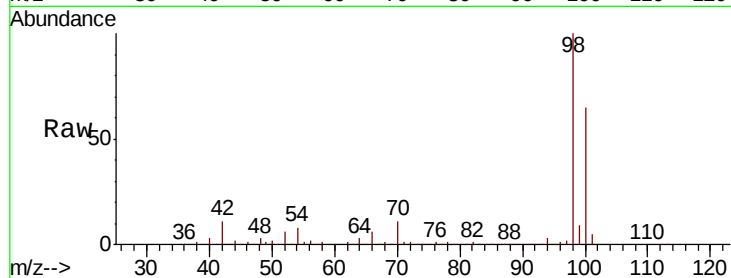
FL-0567DL

Tot Ion: 98 Resp: 719520

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): VX0

8.71

400000

300000

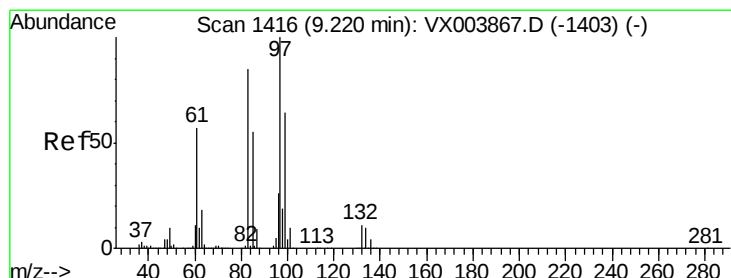
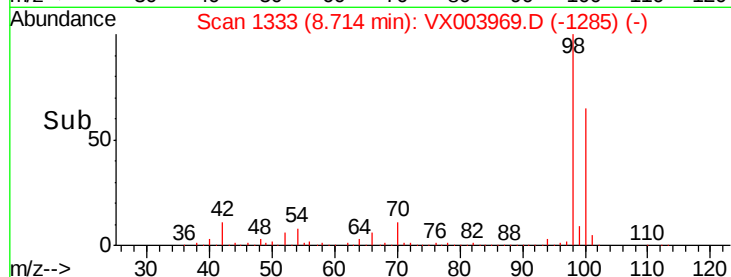
200000

100000

0

Time-->

8.60 8.70 8.80



#55

1,1,2-Trichloroethane

Concen: 1.68 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Tgt Ion: 97 Resp: 7319

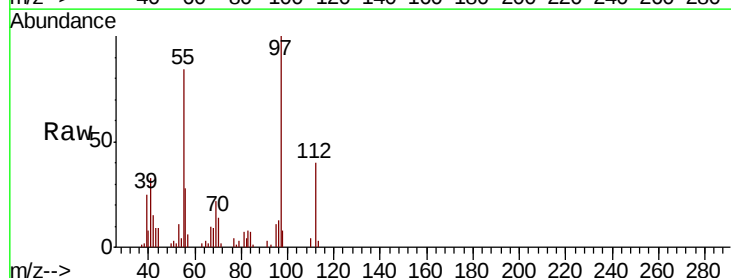
Ion Ratio Lower Upper

97 100

83 7.9 67.8 101.6#

85 1.1 44.2 66.2#

99 0.0 50.8 76.2#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

6000

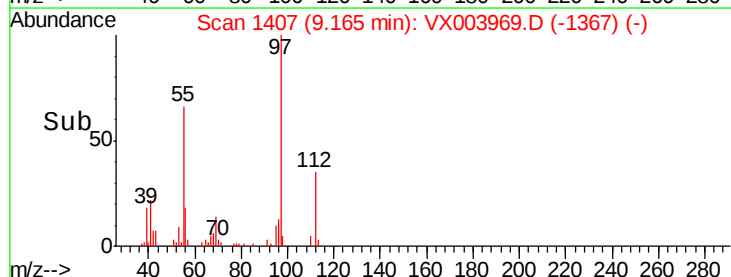
4000

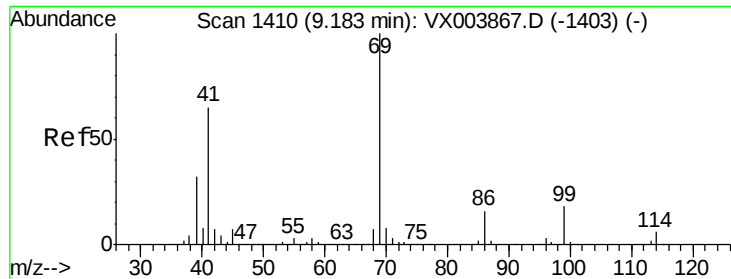
2000

0

Time-->

9.10 9.15 9.20 9.25





#56

Ethyl methacrylate

Concen: 0.27 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0567DL

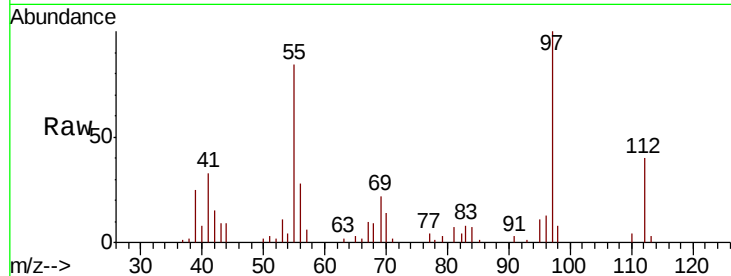
Tot Ion: 69 Resp: 1722

Ion Ratio Lower Upper

69 100

41 170.2 50.6 76.0#

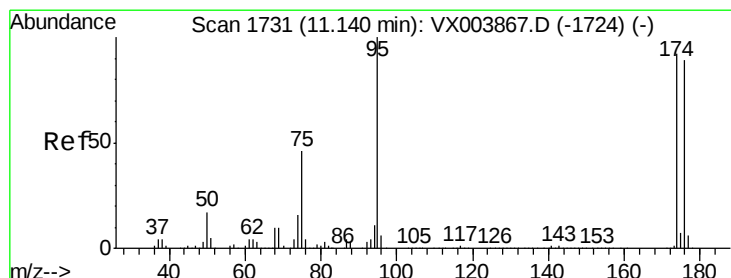
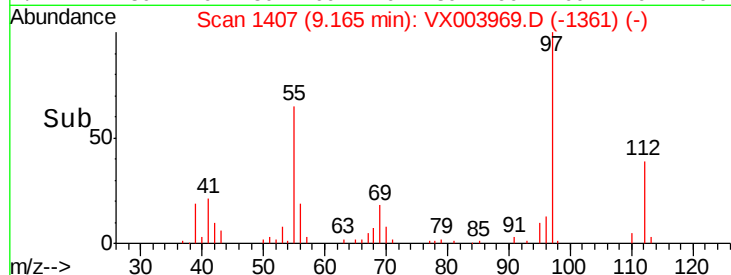
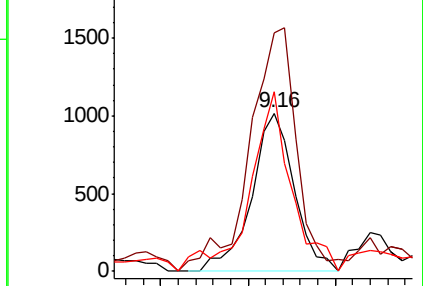
39 109.8 25.8 38.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

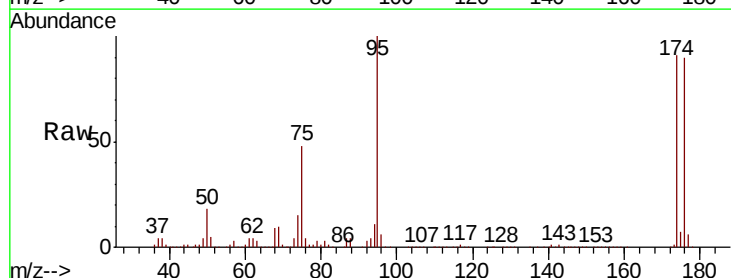
Tgt Ion: 95 Resp: 253350

Ion Ratio Lower Upper

95 100

174 89.5 0.0 182.8

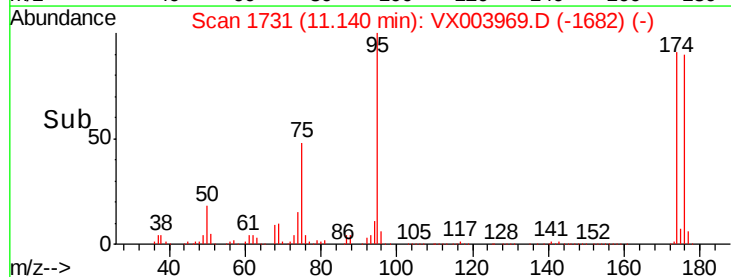
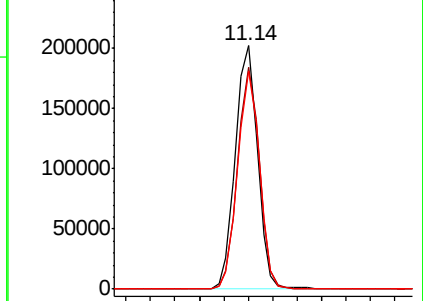
176 87.9 0.0 179.0

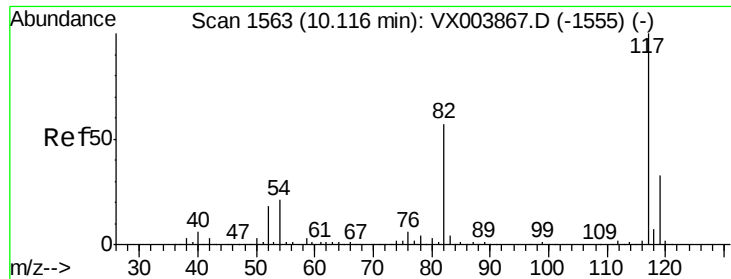


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

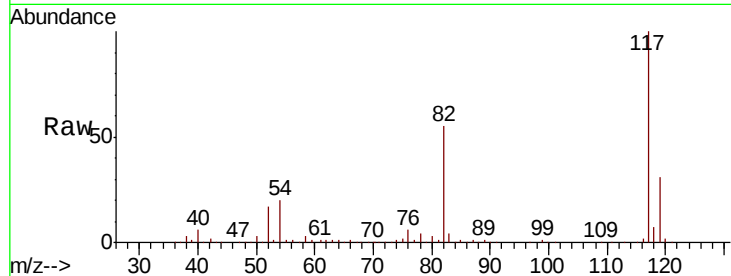




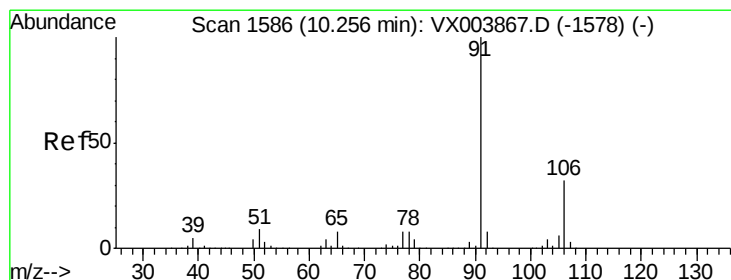
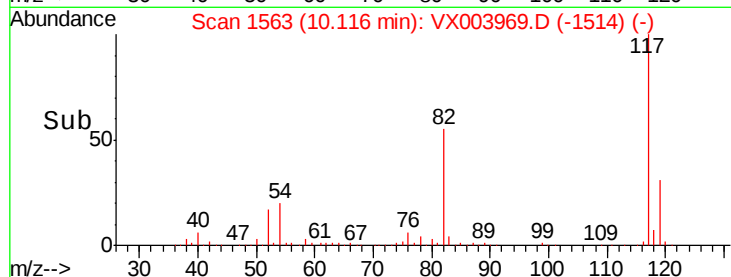
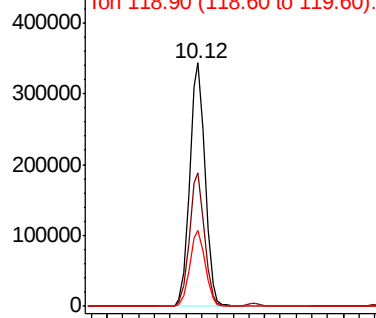
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Instrument :
MSVOA_X
ClientSampled :
FL-0567DL

Tot Ion:117 Resp: 468157
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 31.2 26.6 40.0

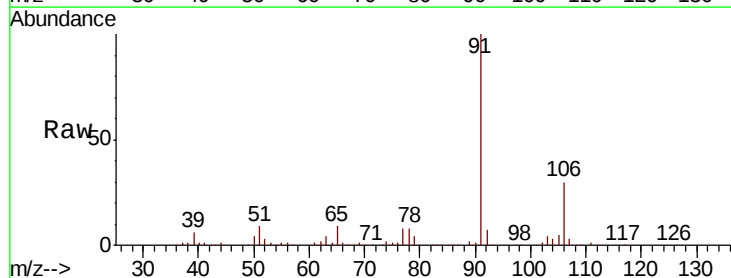


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

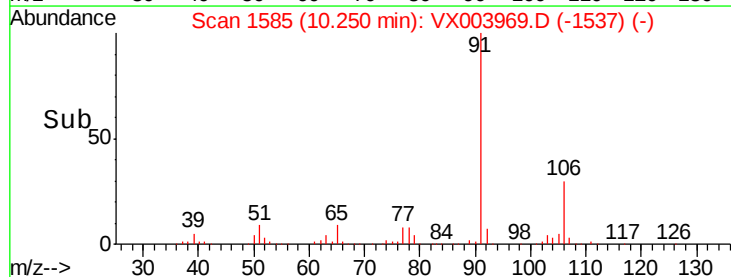
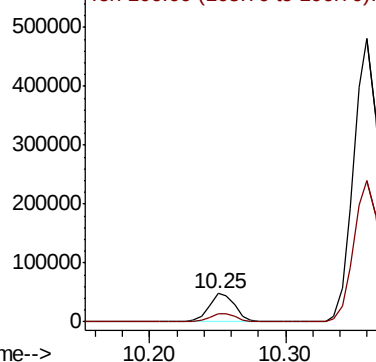


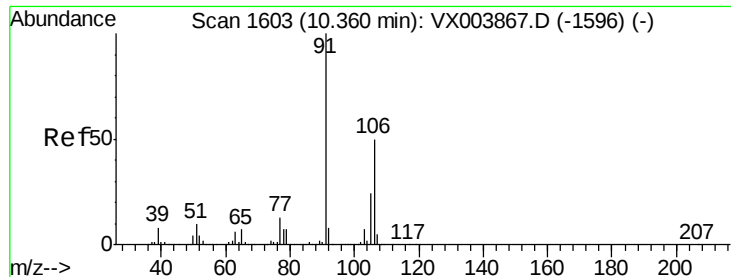
#67
Ethyl Benzene
Concen: 3.23 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Tgt Ion: 91 Resp: 64319
Ion Ratio Lower Upper
91 100
106 29.9 25.9 38.9



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

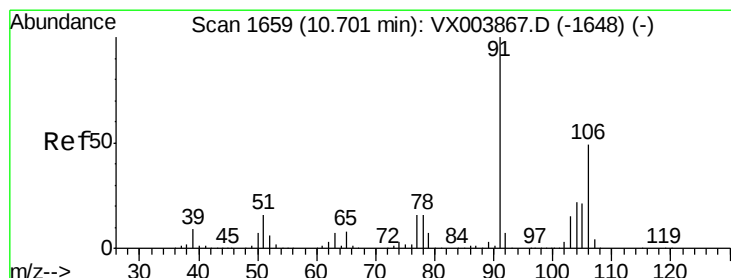
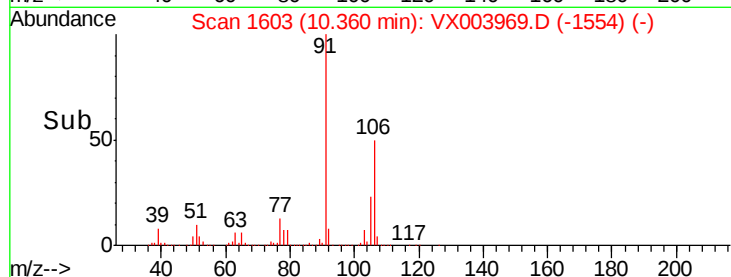
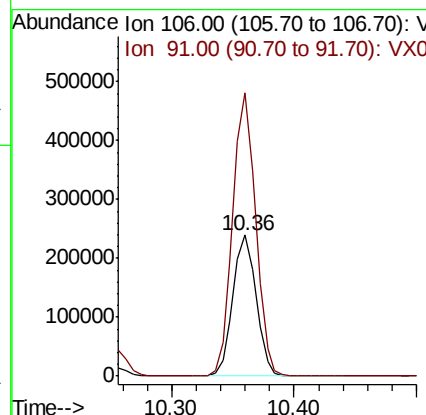
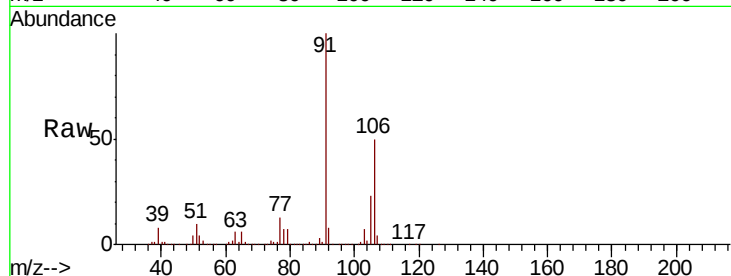




#68
m/p-Xylenes
Concen: 40.46 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

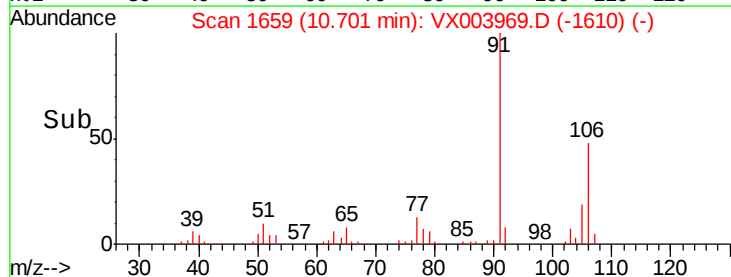
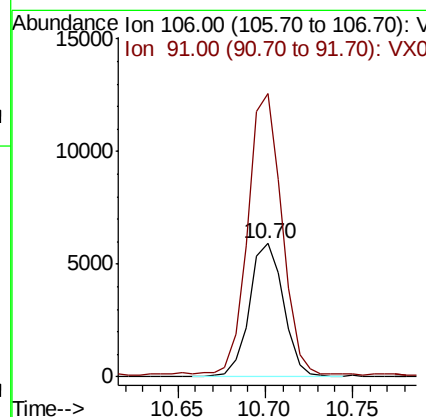
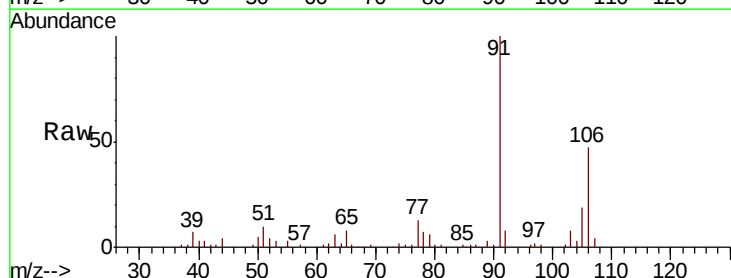
Instrument :
MSVOA_X
ClientSampled :
FL-0567DL

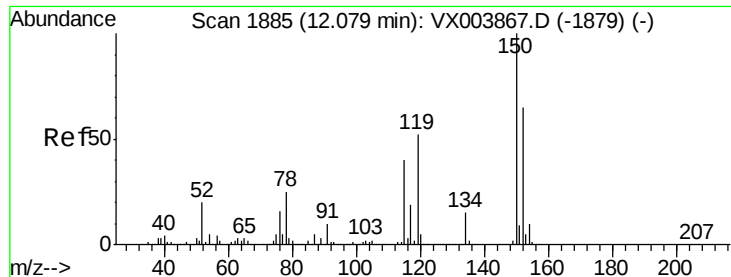
Tot Ion:106 Resp: 315258
Ion Ratio Lower Upper
106 100
91 198.9 162.3 243.5



#69
o-Xylene
Concen: 1.09 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Tgt Ion:106 Resp: 8018
Ion Ratio Lower Upper
106 100
91 211.9 101.9 305.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0567DL

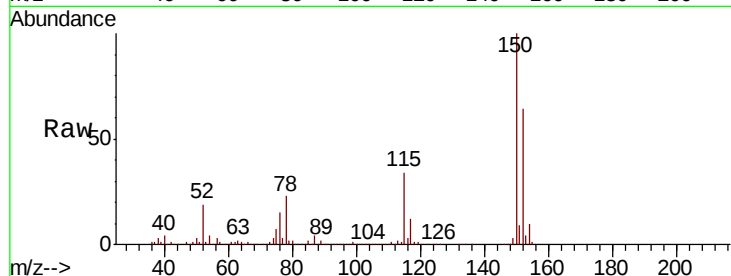
Tot Ion:152 Resp: 264062

Ion Ratio Lower Upper

152 100

115 54.3 39.1 117.3

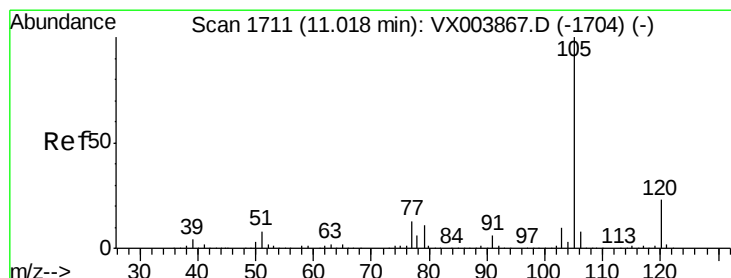
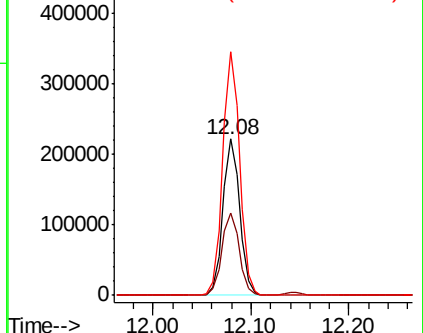
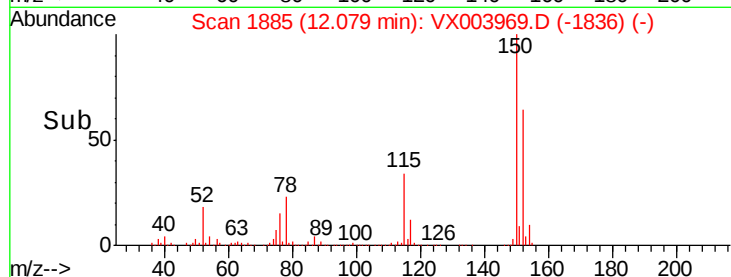
150 157.2 0.0 349.2



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: 3.10 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003969.D

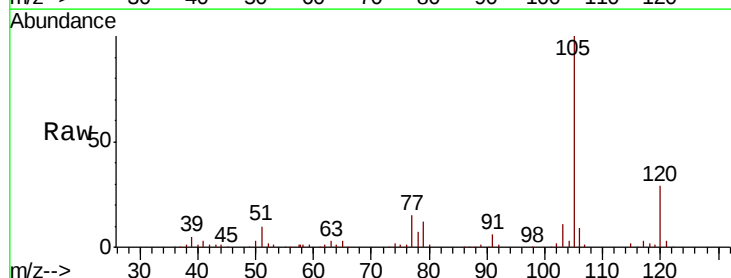
Acq: 10 Aug 2018 11:51

Tgt Ion:105 Resp: 60498

Ion Ratio Lower Upper

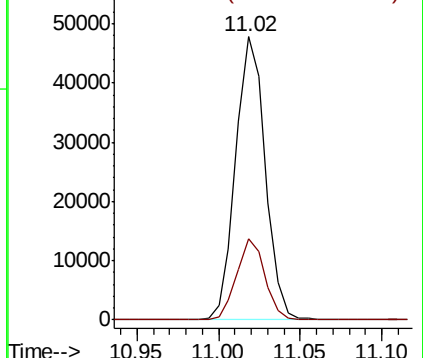
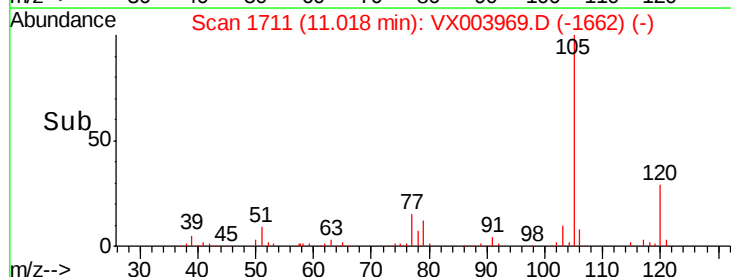
105 100

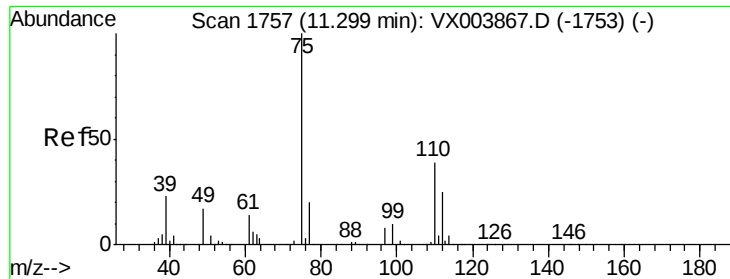
120 27.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

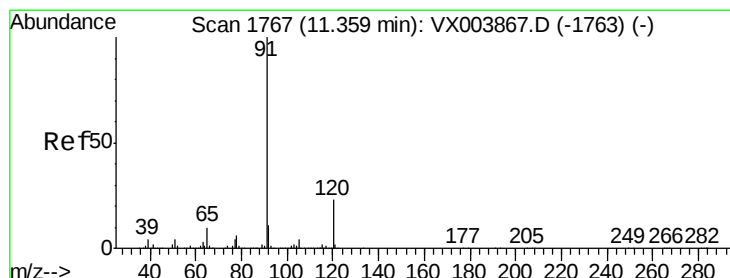
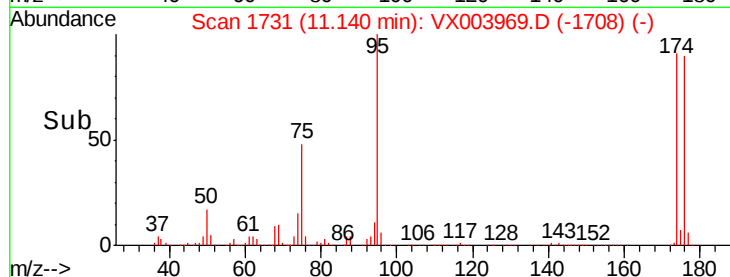
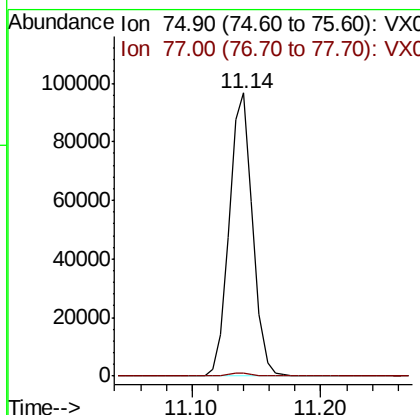
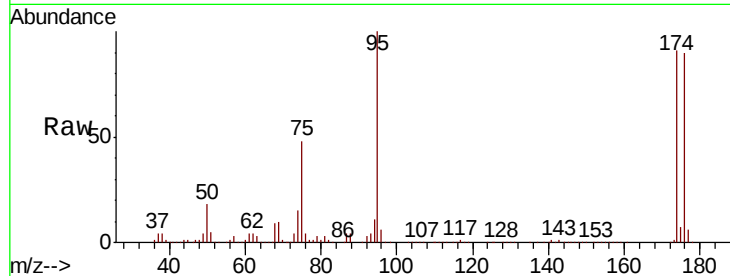




#76
1,2,3-Trichloropropane
Concen: 21.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

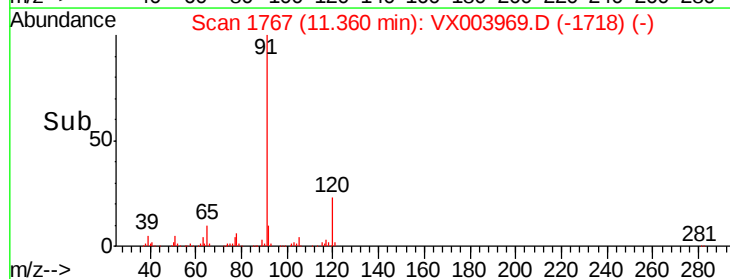
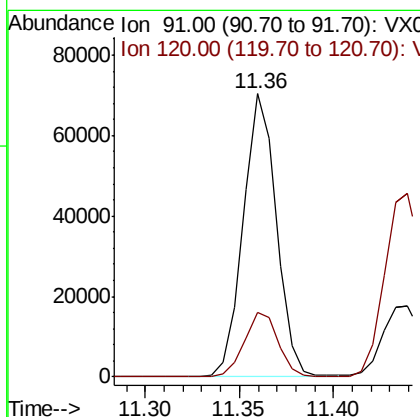
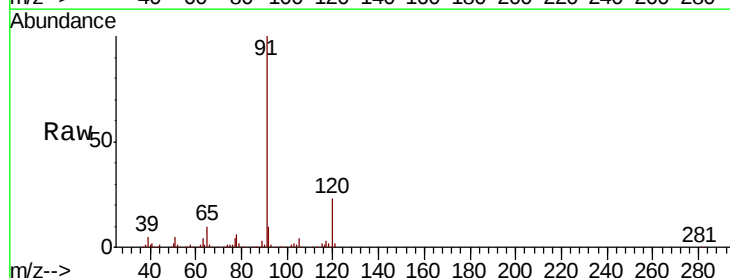
Instrument :
MSVOA_X
ClientSampled :
FL-0567DL

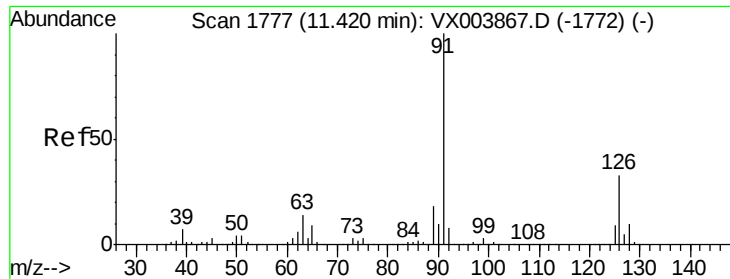
Tot Ion: 75 Resp: 122993
Ion Ratio Lower Upper
75 100
77 1.4 20.8 62.5#



#78
n-propylbenzene
Concen: 3.93 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Tgt Ion: 91 Resp: 86167
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 2.61 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.02 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

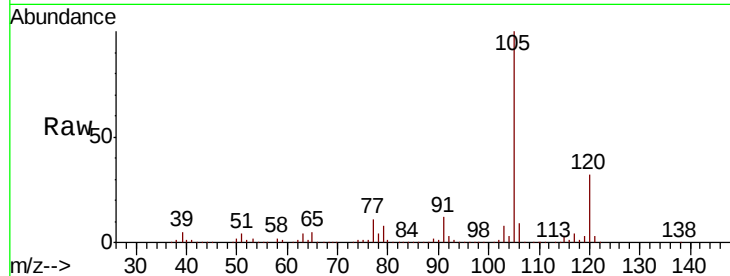
FL-0567DL

Tot Ion: 91 Resp: 34940

Ion Ratio Lower Upper

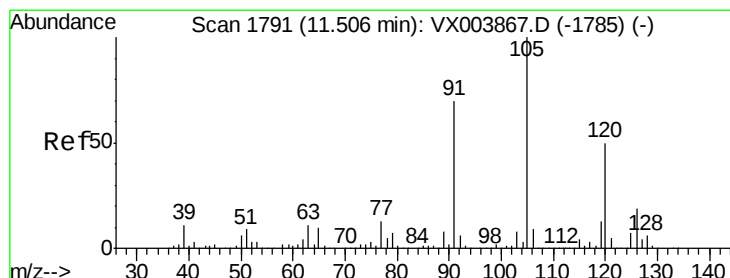
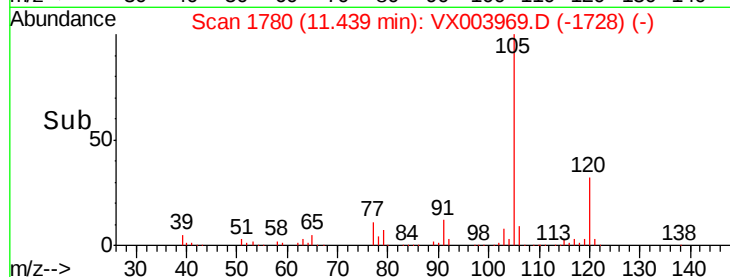
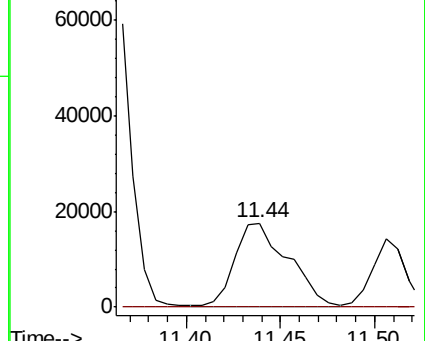
91 100

126 0.5 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: 9.86 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003969.D

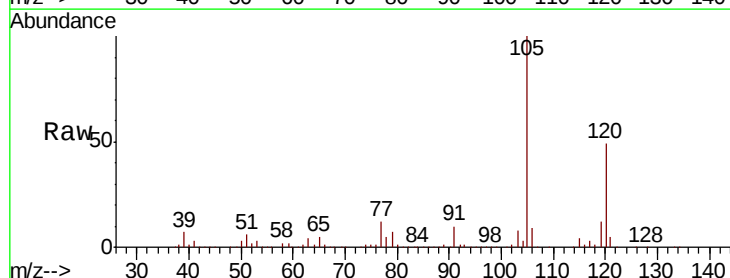
Acq: 10 Aug 2018 11:51

Tgt Ion:105 Resp: 157115

Ion Ratio Lower Upper

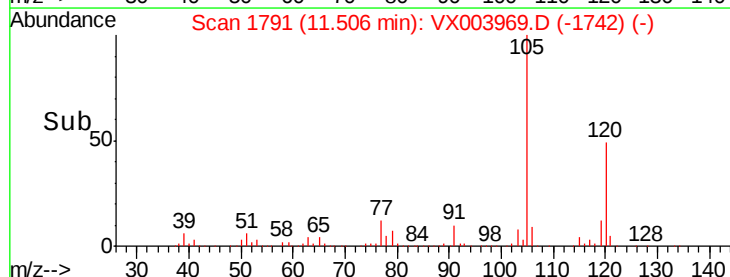
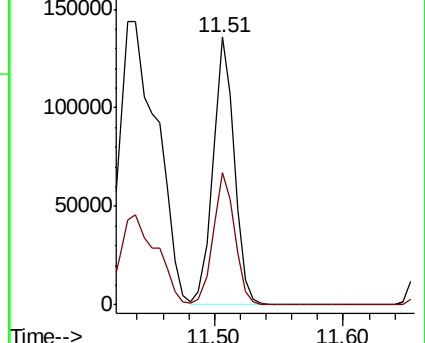
105 100

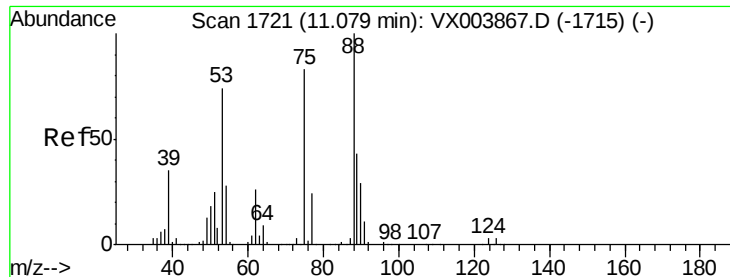
120 50.2 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 57.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

FL-0567DL

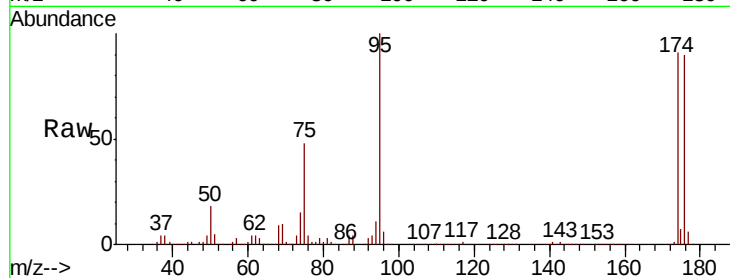
Tot Ion: 75 Resp: 122993

Ion Ratio Lower Upper

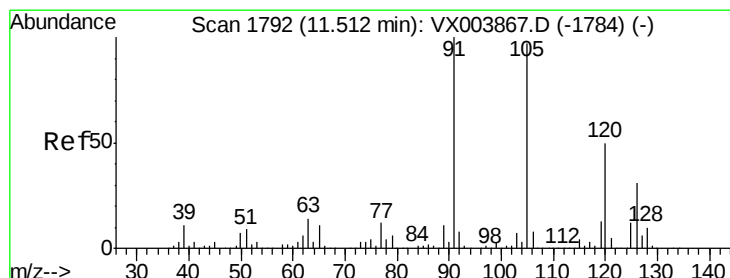
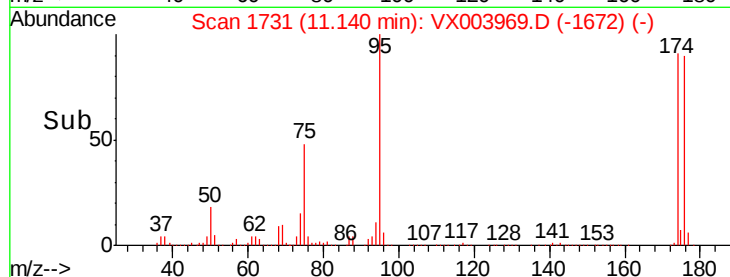
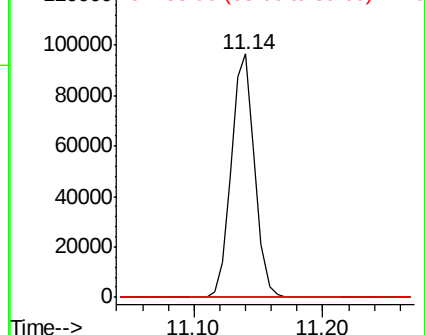
75 100

53 0.2 80.3 120.5#

89 0.0 37.8 56.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.13 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003969.D

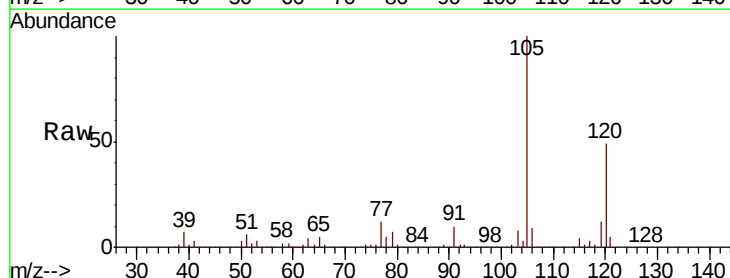
Acq: 10 Aug 2018 11:51

Tgt Ion: 91 Resp: 17713

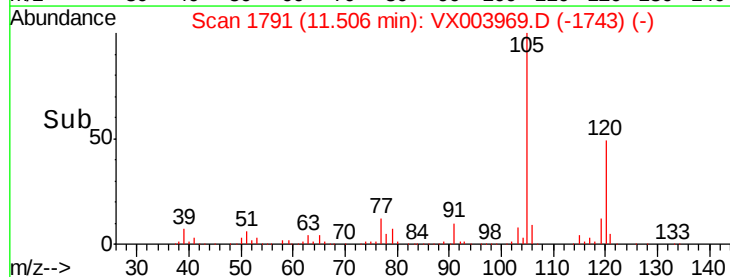
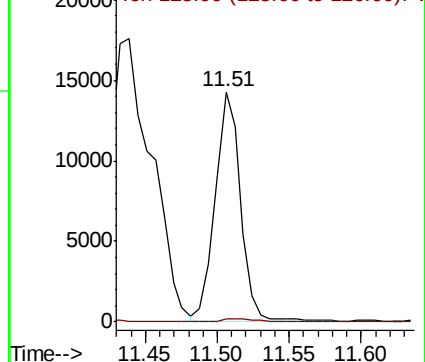
Ion Ratio Lower Upper

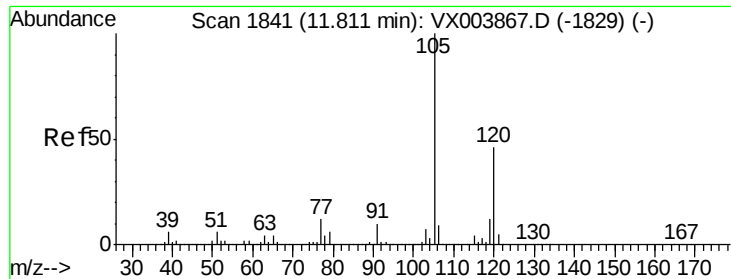
91 100

126 1.7 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

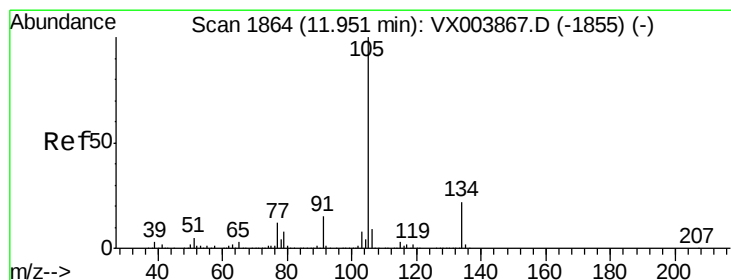
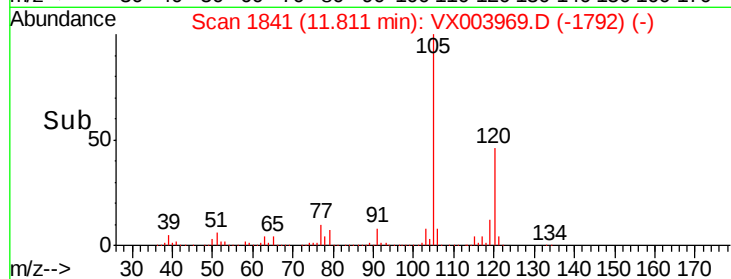
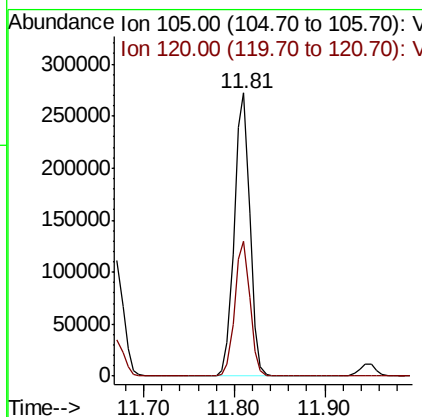
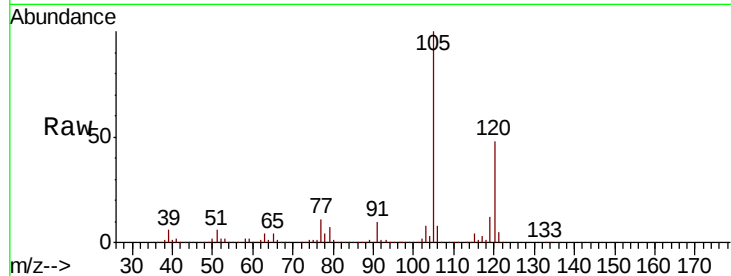




#84
 1,2,4-Trimethylbenzene
 Concen: 20.25 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003969.D
 Acq: 10 Aug 2018 11:51

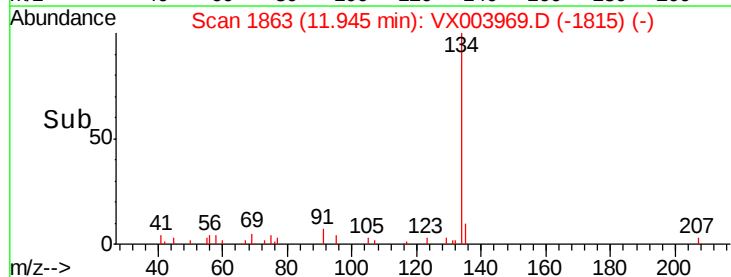
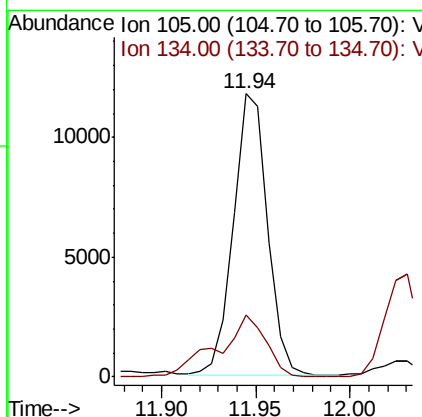
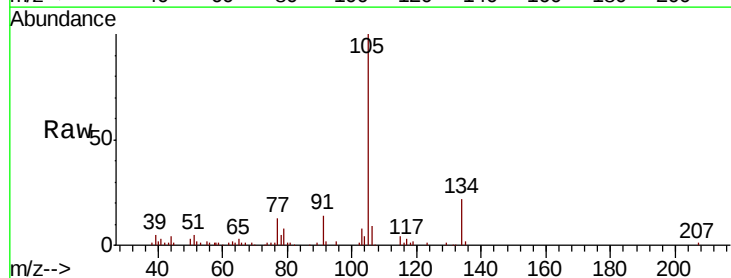
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0567DL

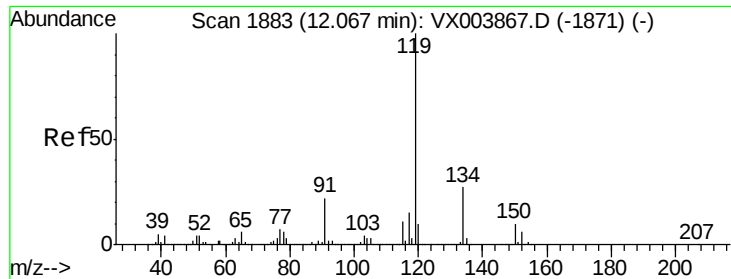
Tot Ion:105 Resp: 324335
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 0.80 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003969.D
 Acq: 10 Aug 2018 11:51

Tgt Ion:105 Resp: 14781
 Ion Ratio Lower Upper
 105 100
 134 31.2 10.3 30.9#

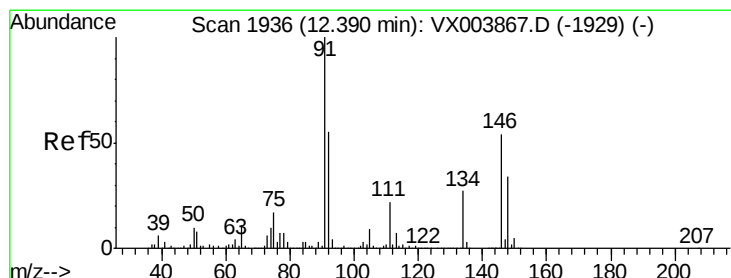
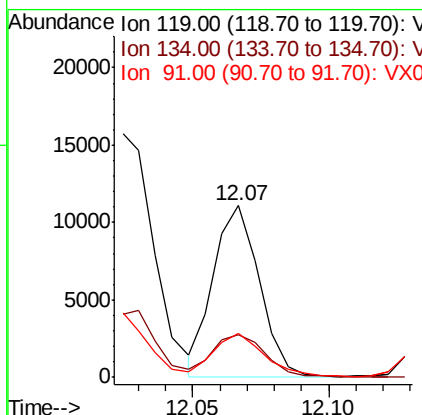
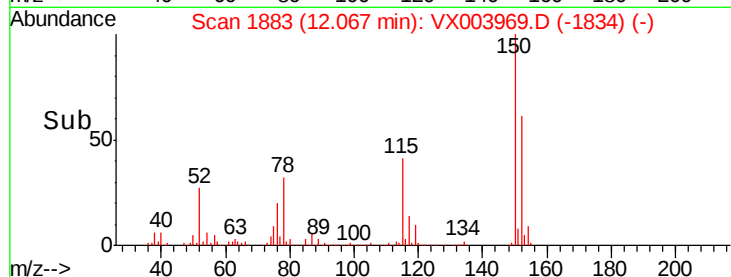
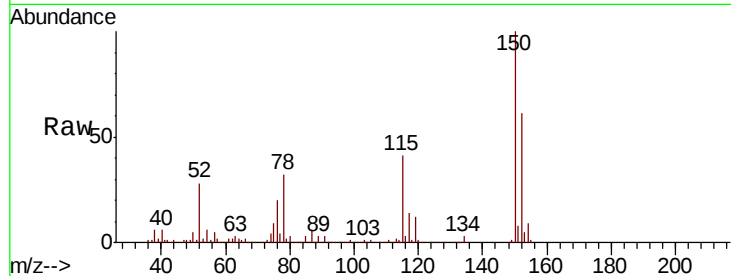




#86
p-Isopropyltoluene
Concen: 0.78 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

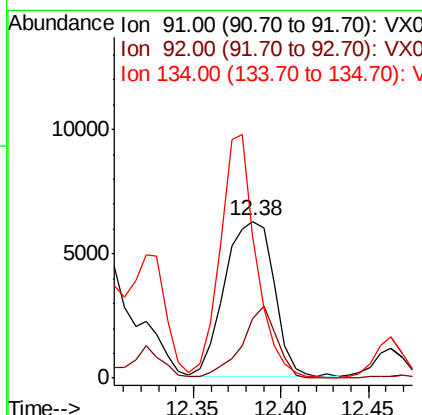
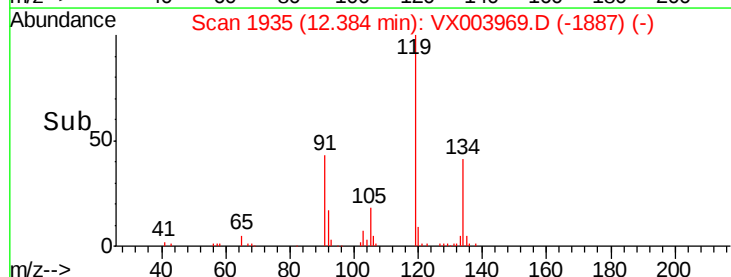
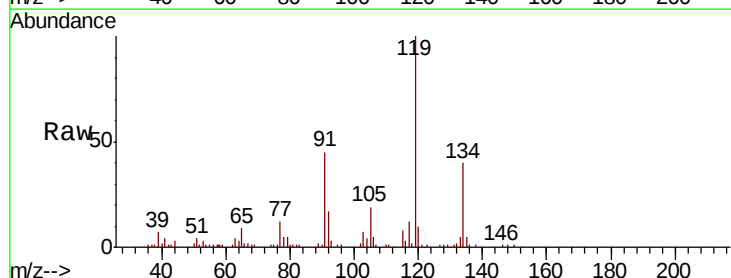
Instrument :
MSVOA_X
ClientSampled :
FL-0567DL

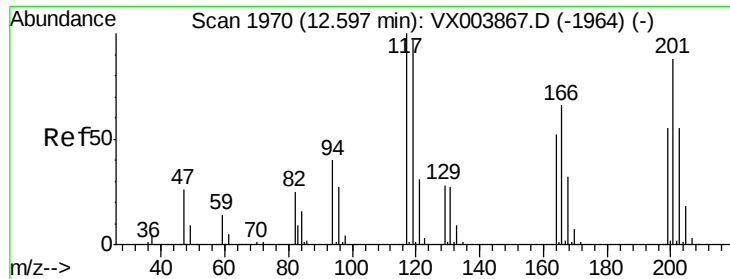
Tot Ion: 119 Resp: 12976
Ion Ratio Lower Upper
119 100
134 28.7 13.3 39.8
91 28.9 10.9 32.7



#89
n-Butylbenzene
Concen: 0.84 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Tgt Ion: 91 Resp: 12208
Ion Ratio Lower Upper
91 100
92 32.9 27.1 81.3
134 114.6 13.6 40.7#





#90

Hexachloroethane

Concen: 1.55 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

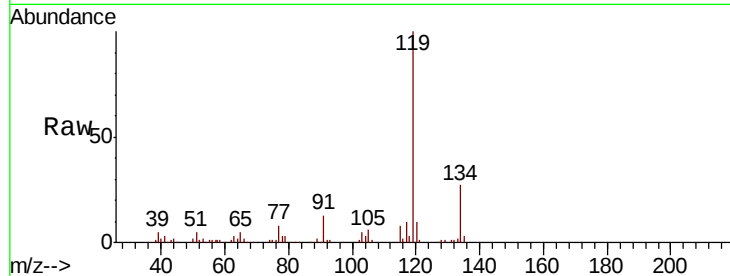
FL-0567DL

Tot Ion:117 Resp: 4186

Ion Ratio Lower Upper

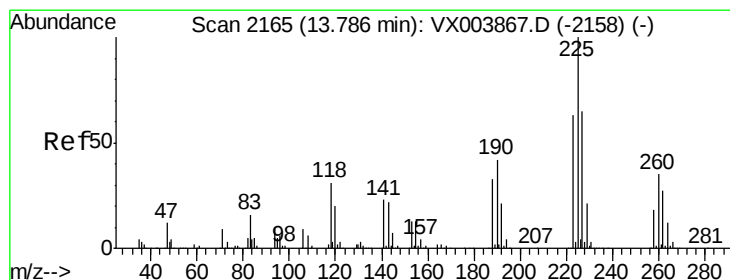
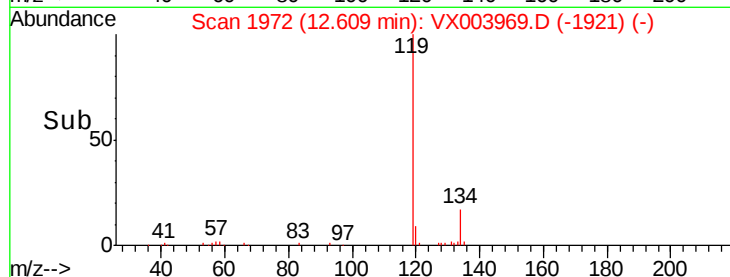
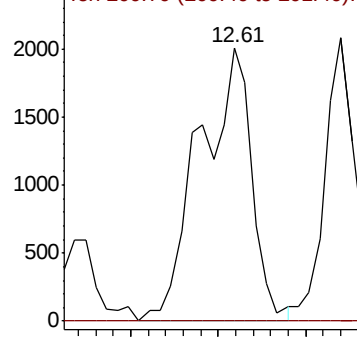
117 100

201 0.0 46.1 138.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#94

Hexachlorobutadiene

Concen: 0.53 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003969.D

Acq: 10 Aug 2018 11:51

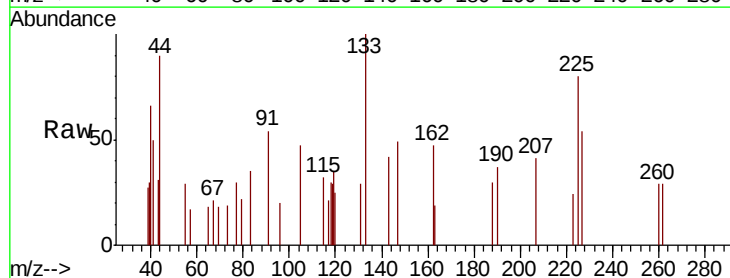
Tgt Ion:225 Resp: 294

Ion Ratio Lower Upper

225 100

223 55.4 31.4 94.0

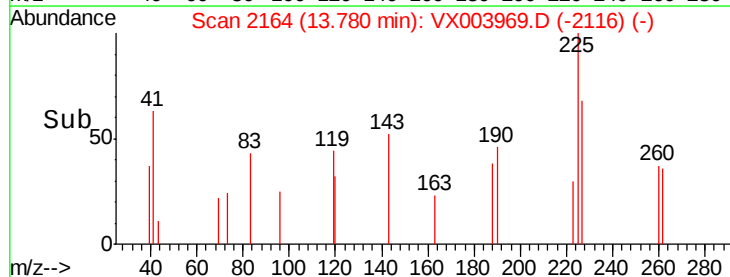
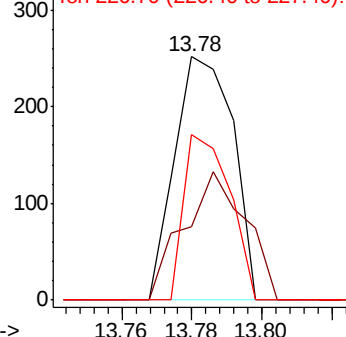
227 53.7 32.1 96.5

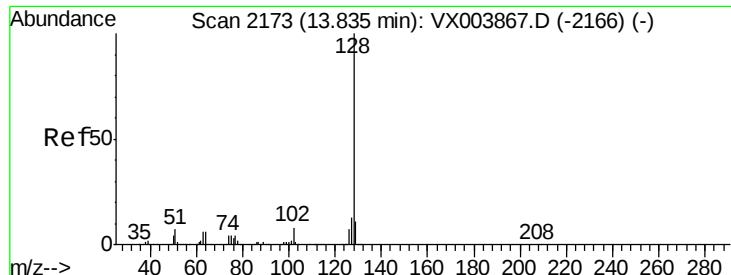


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

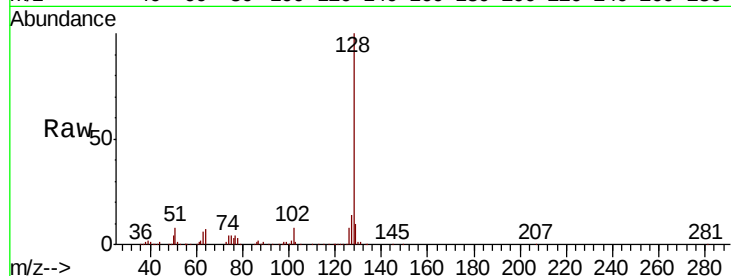




#95
Naphthalene
Concen: 3.54 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003969.D
Acq: 10 Aug 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
FL-0567DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	12.0	8.8	13.2



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

