

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003968.D
 Acq On : 10 Aug 2018 11:25
 Operator : JC/MD
 Sample : J4387-09DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0559DL

Quant Time: Aug 11 01:42:13 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	326612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	504470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	461762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	263664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221724	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	189022	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	715108	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.14	95	258704	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	933	Below Cal	#	68
6) Chloroethane	1.61	64	6085	2.12	ug/l #	60
10) Methyl Iodide	2.51	142	1164	0.25	ug/l	93
11) Tert butyl alcohol	3.01	59	617	0.59	ug/l #	73
13) Acrolein	2.29	56	323	Below Cal	#	22
15) Acrylonitrile	3.15	53	766	0.31	ug/l #	54
16) Acetone	2.45	43	1386	0.54	ug/l	93
17) Carbon Disulfide	2.57	76	2751	0.71	ug/l	95
20) Methylene Chloride	2.86	84	1614	Below Cal	#	95
25) 2-Butanone	4.70	43	837	0.22	ug/l #	48
29) Tetrahydrofuran	5.17	42	1282	0.64	ug/l	93
31) Cyclohexane	5.57	56	23418	3.75	ug/l	93
38) Carbon Tetrachloride	5.67	117	28568	5.31	ug/l #	15
39) Methylcyclohexane	7.46	83	57422	8.62	ug/l	96
48) Methyl methacrylate	7.73	41	3192	0.67	ug/l #	66
52) Toluene	8.79	92	2635	0.25	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	2595	0.59	ug/l #	19
67) Ethyl Benzene	10.25	91	387102	19.68	ug/l	97
68) m/p-Xylenes	10.36	106	340648	44.32	ug/l	99
69) o-Xylene	10.70	106	261151	36.00	ug/l	94
70) Styrene	10.70	104	13460	1.13	ug/l #	1
73) Isopropylbenzene	11.02	105	56378	2.89	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	126436	21.71	ug/l #	36
78) n-propylbenzene	11.36	91	76650	3.50	ug/l	99
79) 2-Chlorotoluene	11.44	91	43025	3.22	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	105043	6.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	126436	58.66	ug/l #	9
82) 4-Chlorotoluene	11.51	91	12145	0.78	ug/l #	51
83) tert-Butylbenzene	11.81	119	46909	3.00	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.81	105	370265	23.15	ug/l	99
85) sec-Butylbenzene	11.94	105	11143	0.60	ug/l	87
86) p-Isopropyltoluene	12.07	119	10016	0.60	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	1060	Below Cal		97
89) n-Butylbenzene	12.39	91	7451	0.52	ug/l #	41

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

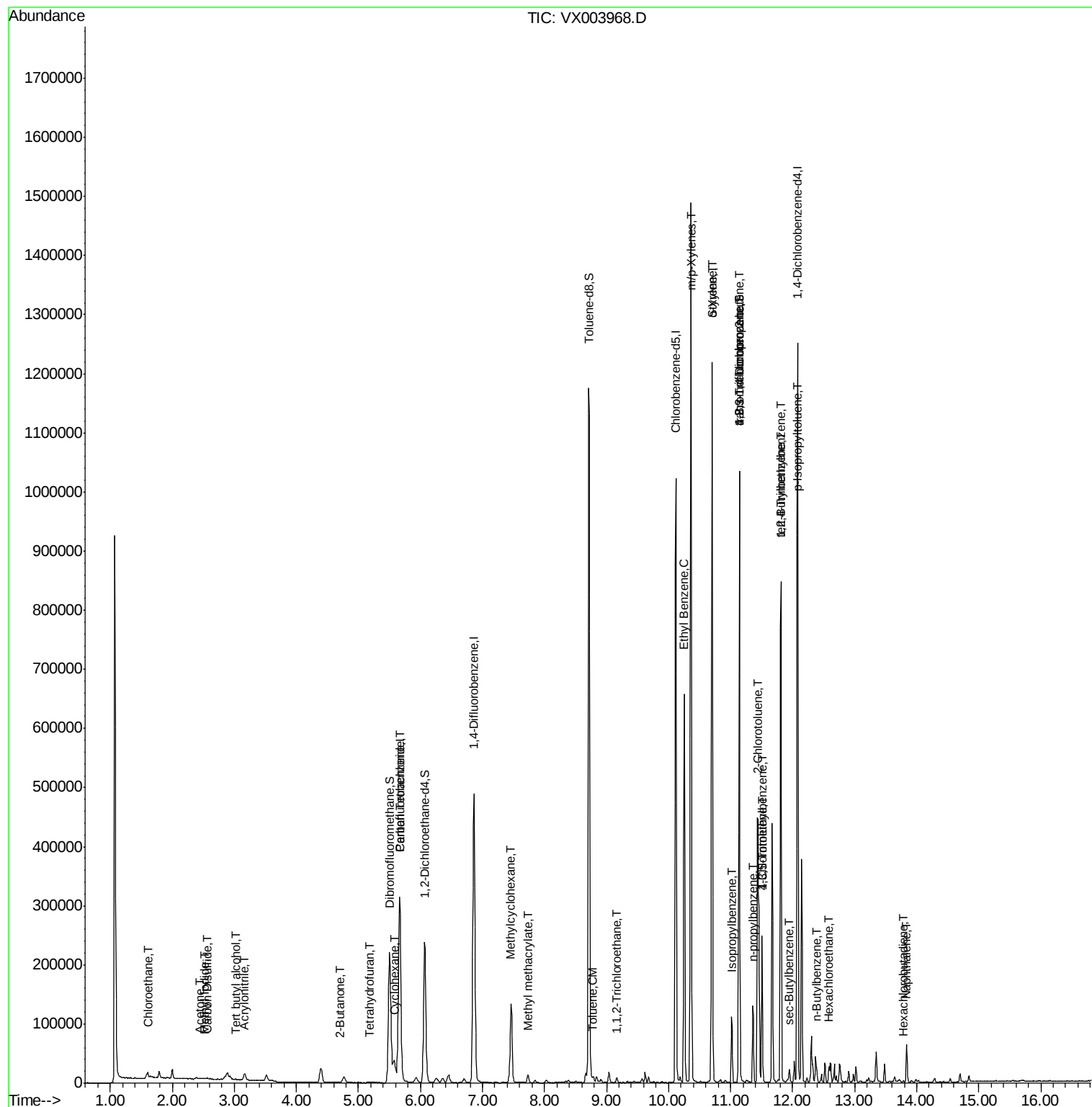
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	1329	0.49	ug/l #	4
94) Hexachlorobutadiene	13.78	225	635	0.64	ug/l	94
95) Naphthalene	13.83	128	42575	2.17	ug/l	100

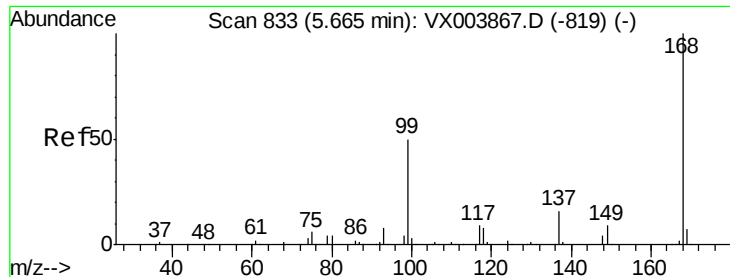
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

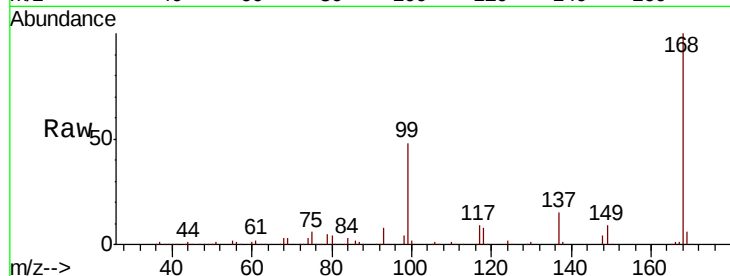
FL-0559DL

Tot Ion:168 Resp: 326612

Ion Ratio Lower Upper

168 100

99 48.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

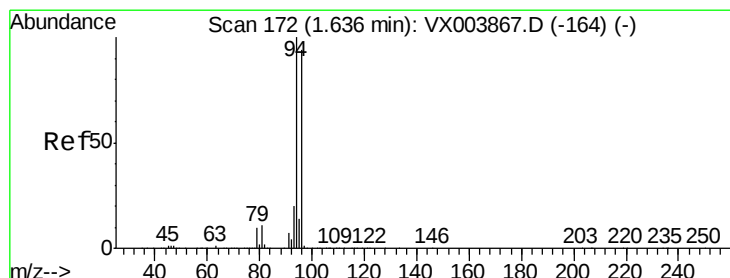
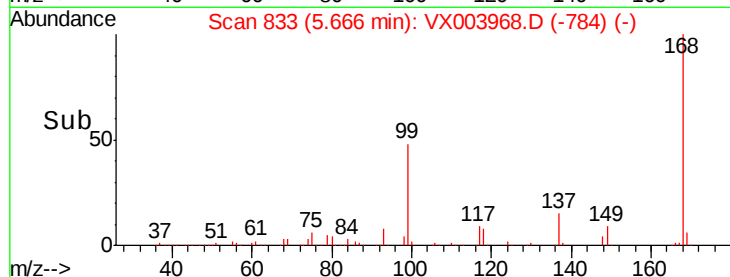
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003968.D

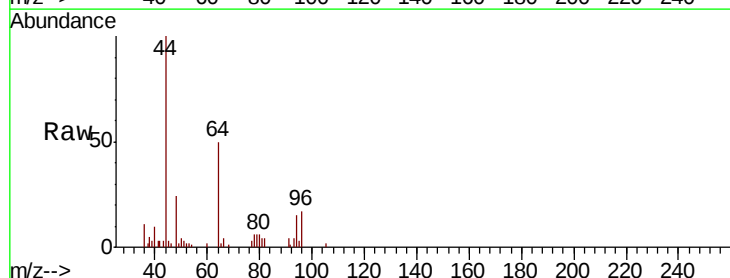
Acq: 10 Aug 2018 11:25

Tgt Ion: 94 Resp: 933

Ion Ratio Lower Upper

94 100

96 125.3 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

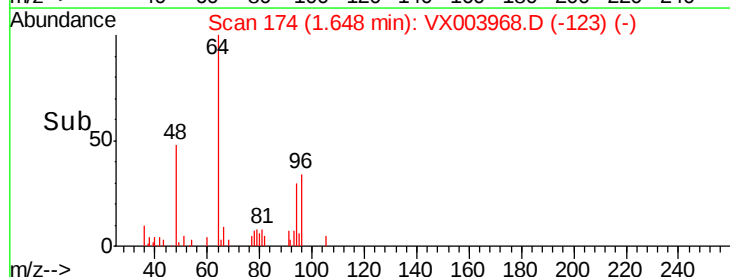
600

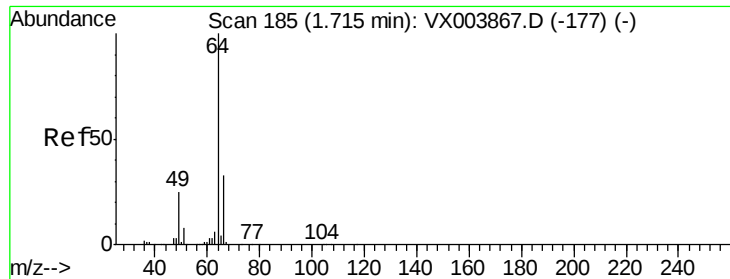
400

200

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 2.12 ug/l

RT: 1.61 min Scan# 168

Delta R.T. -0.10 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

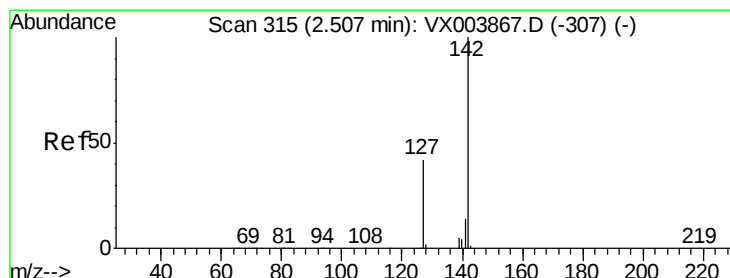
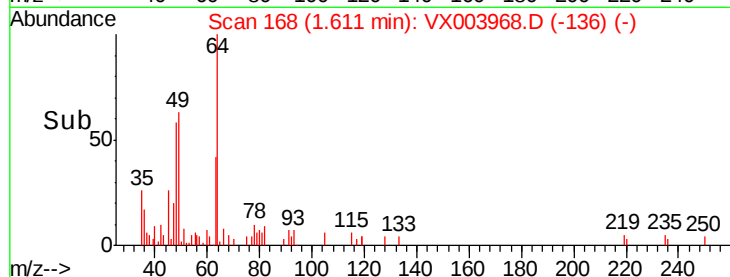
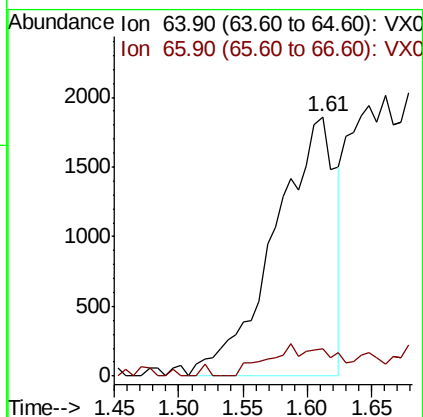
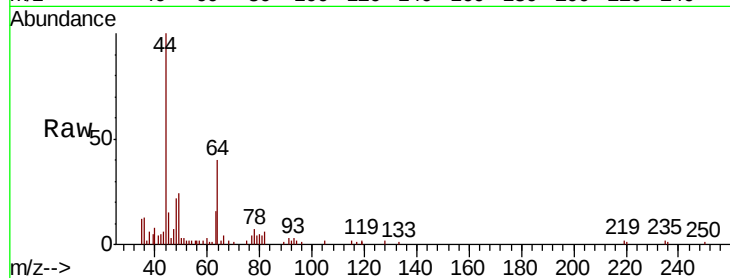
FL-0559DL

Tot Ion: 64 Resp: 6085

Ion Ratio Lower Upper

64 100

66 10.5 26.5 39.7#



#10

Methyl Iodide

Concen: 0.25 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

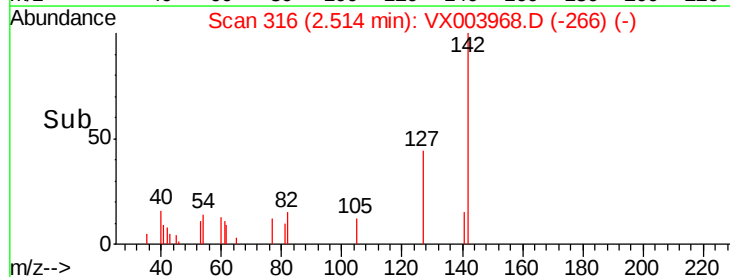
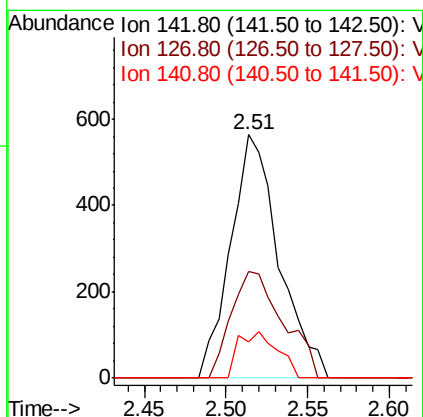
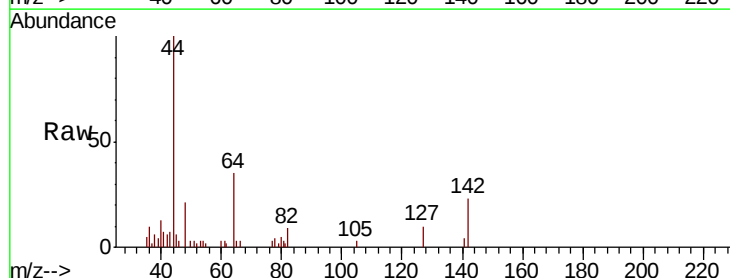
Tgt Ion: 142 Resp: 1164

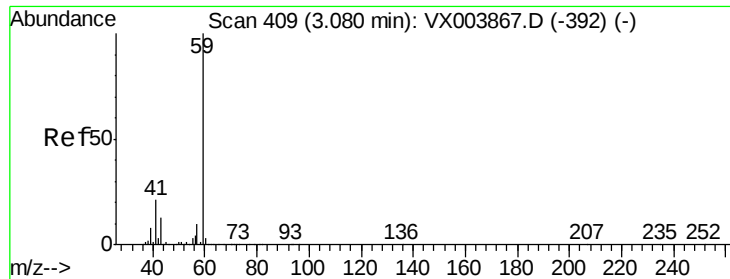
Ion Ratio Lower Upper

142 100

127 46.9 33.1 49.7

141 15.2 11.1 16.7

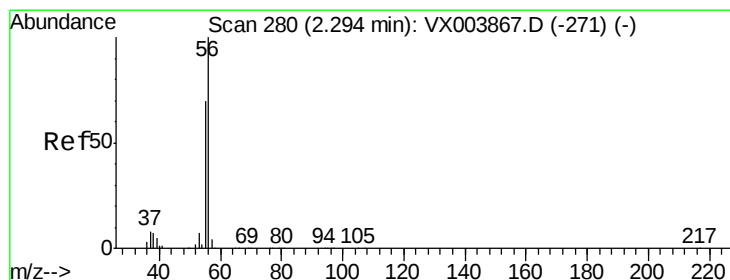
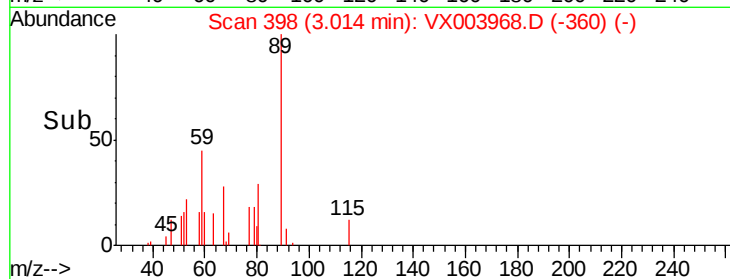
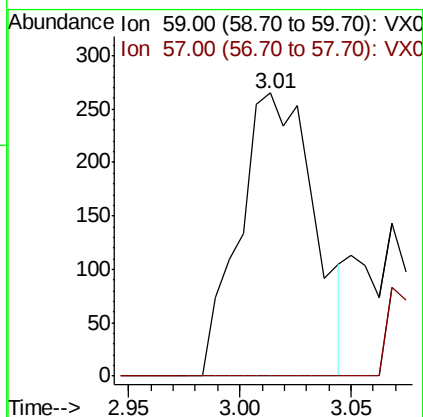
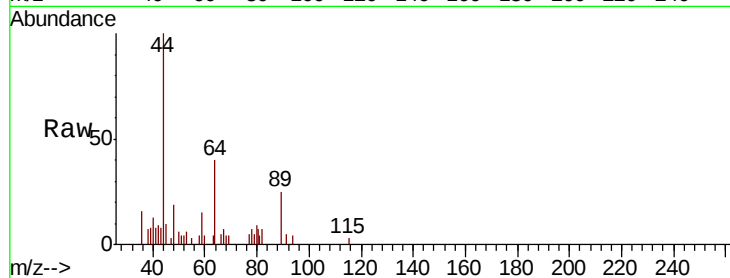




#11
Tert butyl alcohol
Concen: 0.59 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.07 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

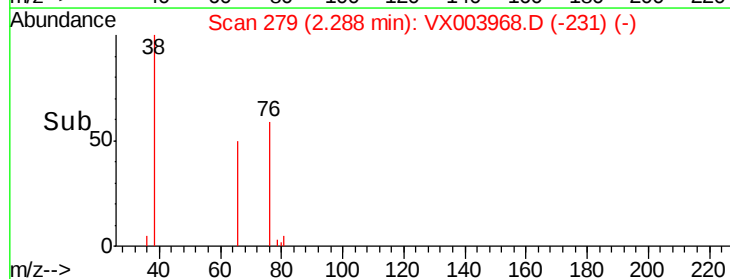
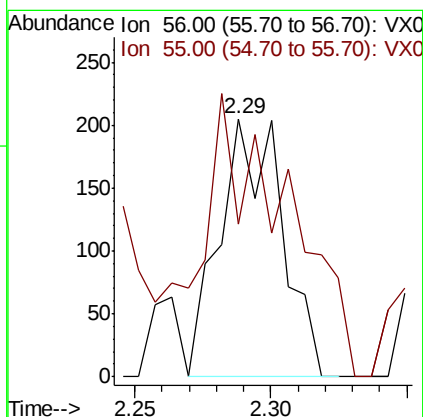
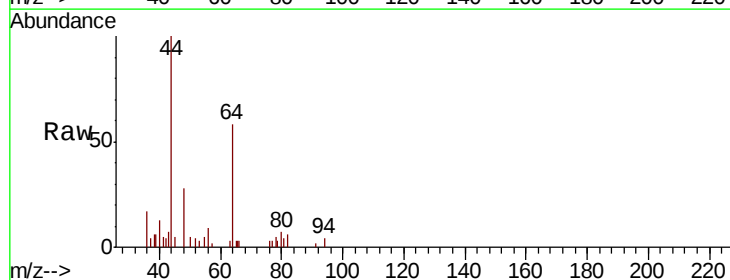
Instrument :
MSVOA_X
ClientSampled :
FL-0559DL

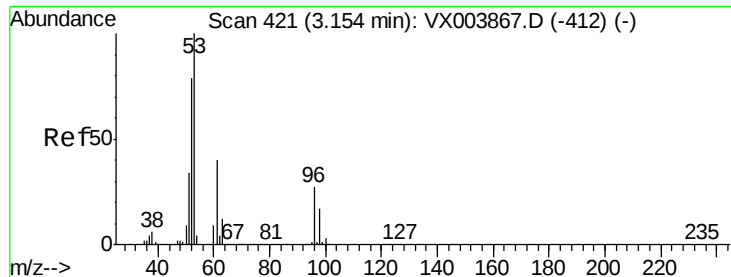
Tot Ion: 59 Resp: 617
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion: 56 Resp: 323
Ion Ratio Lower Upper
56 100
55 134.4 56.1 84.1#





#15

Acrylonitrile

Concen: 0.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

FL-0559DL

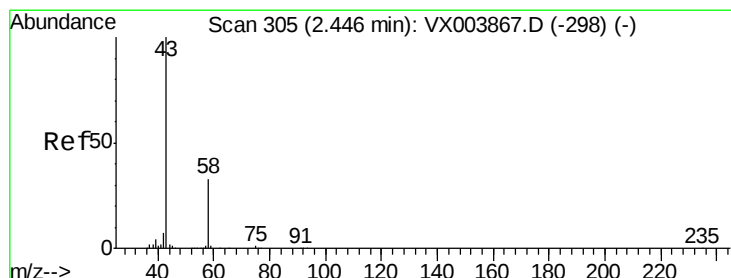
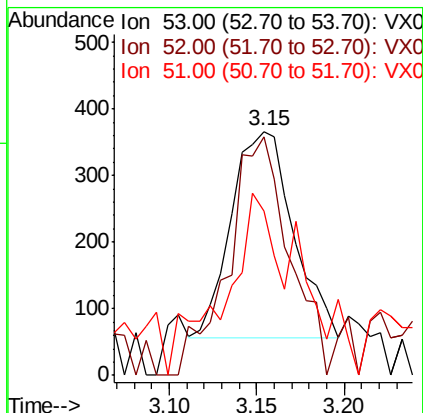
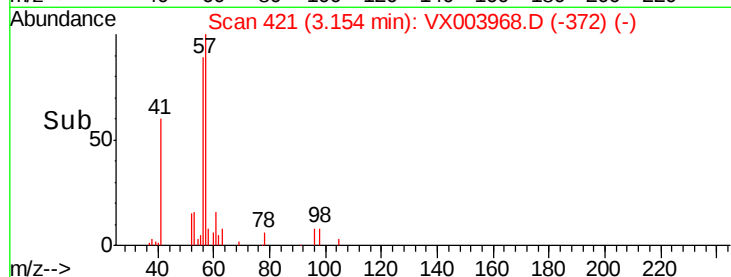
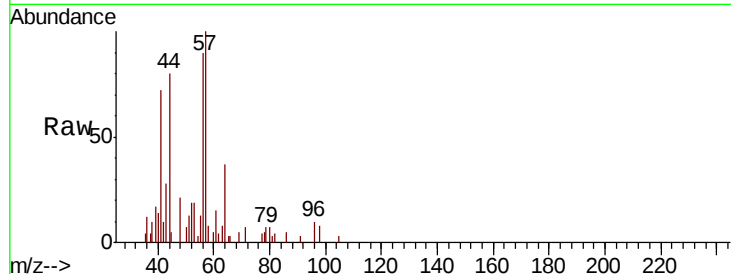
Tot Ion: 53 Resp: 766

Ion Ratio Lower Upper

53 100

52 114.2 65.3 97.9#

51 74.7 27.9 41.9#



#16

Acetone

Concen: 0.54 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003968.D

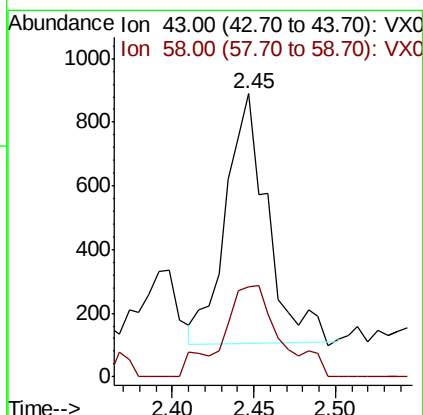
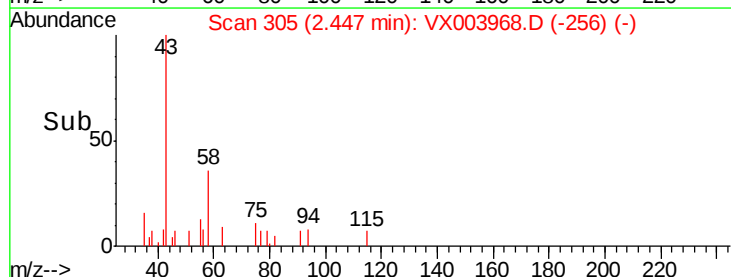
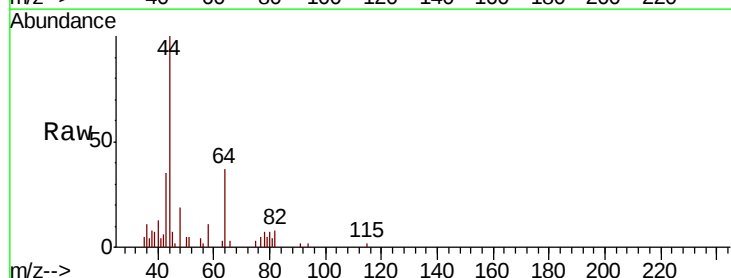
Acq: 10 Aug 2018 11:25

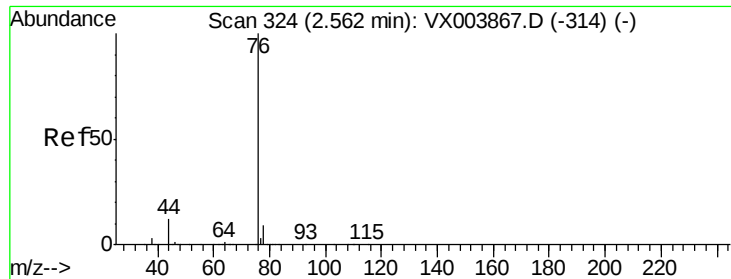
Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

58 36.7 26.4 39.6

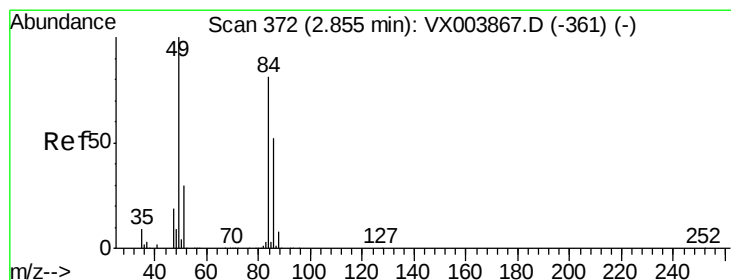
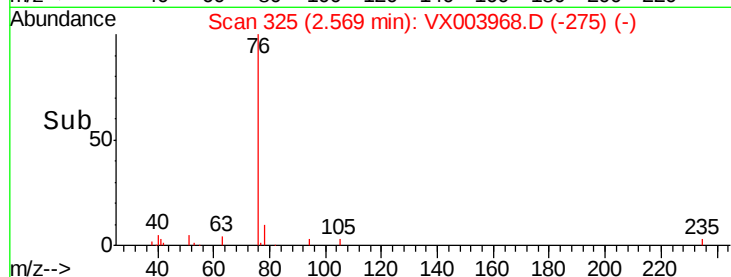
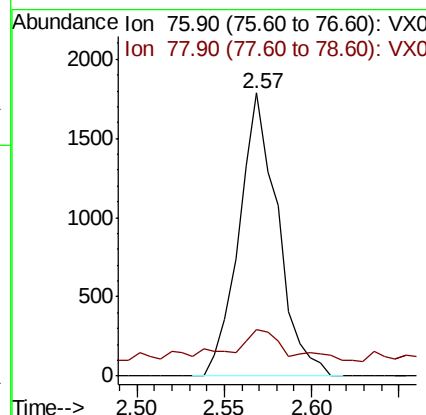
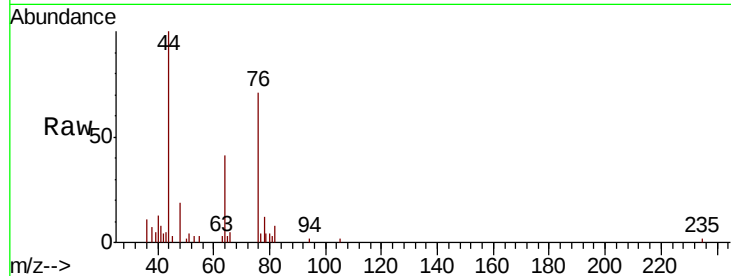




#17
Carbon Disulfide
Concen: 0.71 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

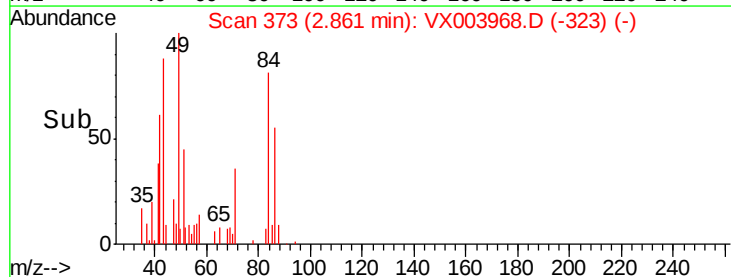
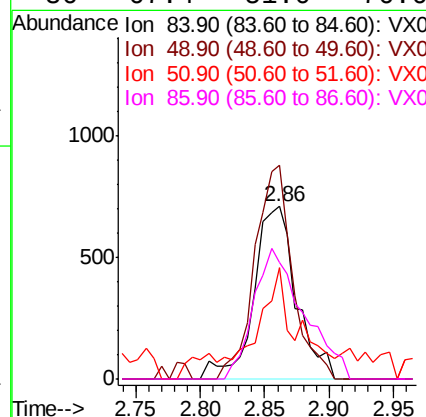
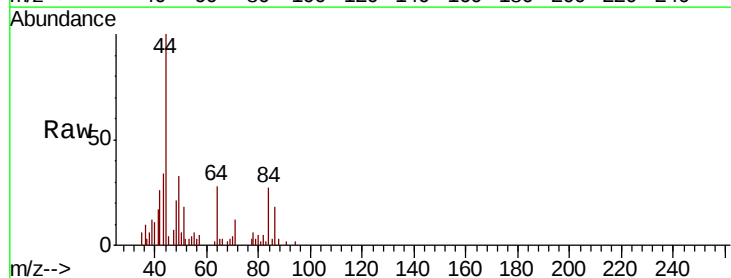
Instrument :
MSVOA_X
ClientSampleId :
FL-0559DL

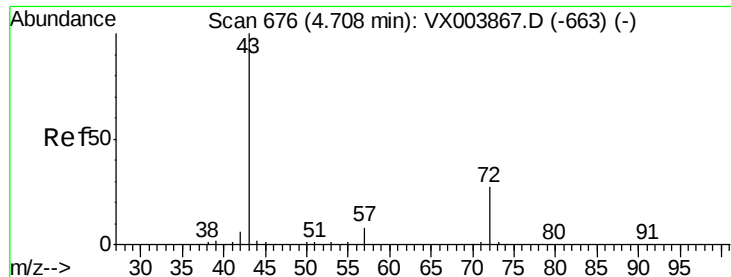
Tot Ion: 76 Resp: 2751
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion: 84 Resp: 1614
Ion Ratio Lower Upper
84 100
49 123.7 98.9 148.3
51 52.0 29.9 44.9#
86 67.4 51.0 76.6





#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

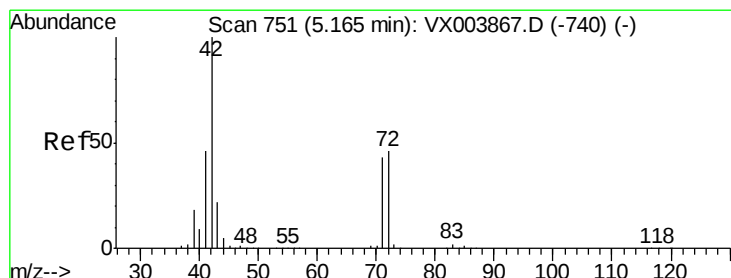
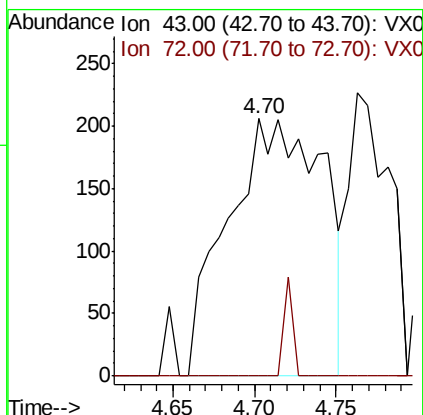
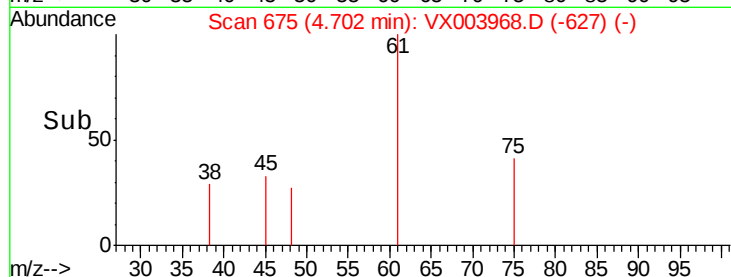
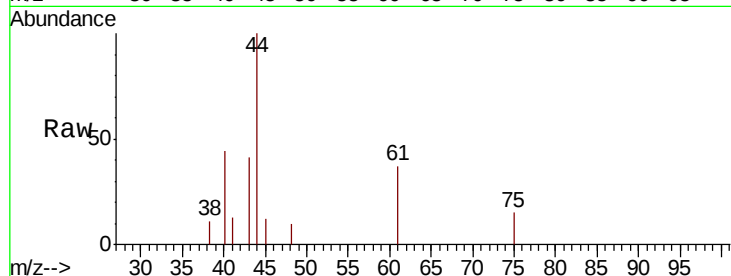
FL-0559DL

Tot Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.0#



#29

Tetrahydrofuran

Concen: 0.64 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

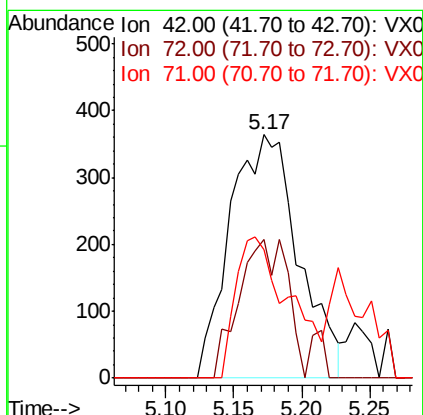
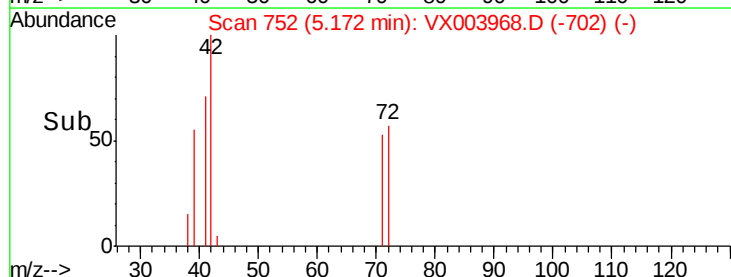
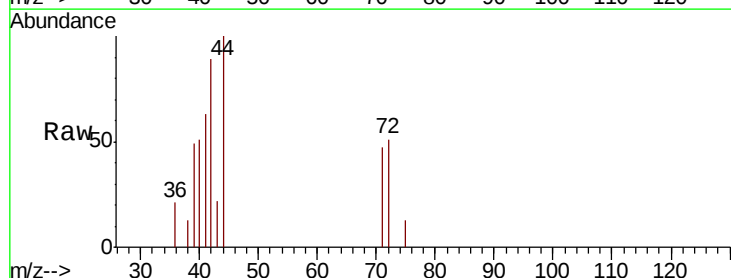
Tgt Ion: 42 Resp: 1282

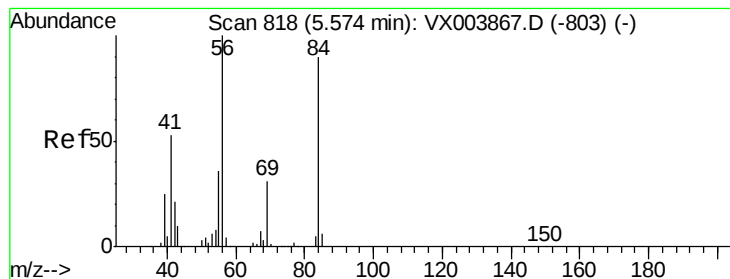
Ion Ratio Lower Upper

42 100

72 40.2 37.7 56.5

71 45.4 35.0 52.6





#31

Cvclohexane

Concen: 3.75 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

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FL-0559DL

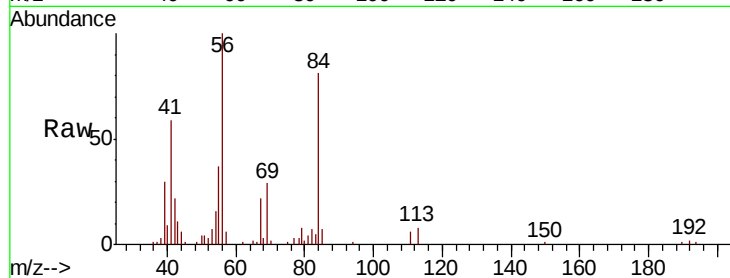
Tot Ion: 56 Resp: 23418

Ion Ratio Lower Upper

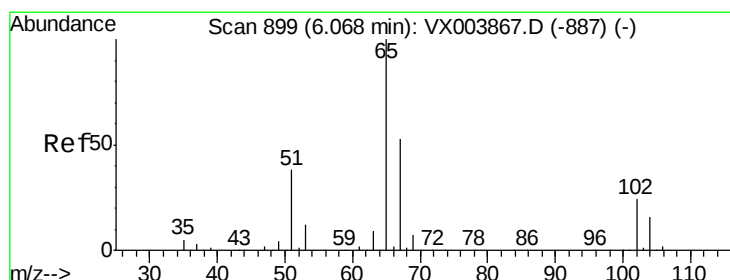
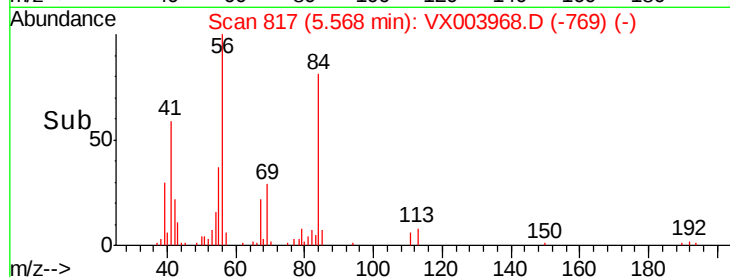
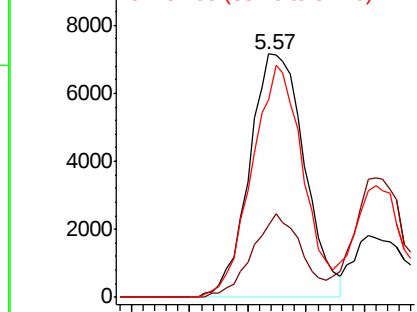
56 100

69 29.4 24.9 37.3

84 81.1 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.21 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003968.D

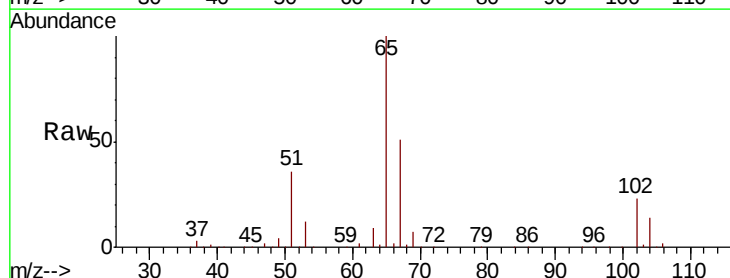
Acq: 10 Aug 2018 11:25

Tgt Ion: 65 Resp: 221724

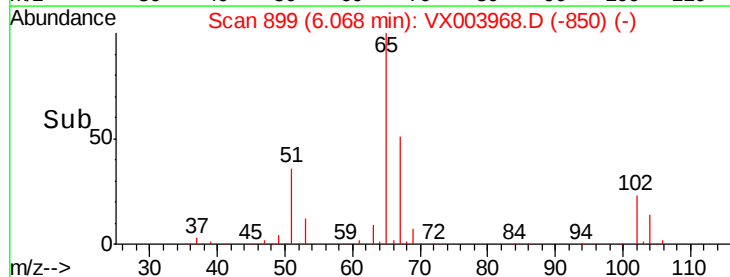
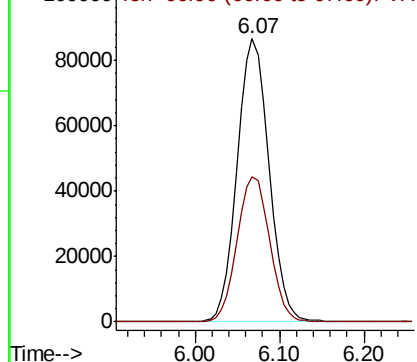
Ion Ratio Lower Upper

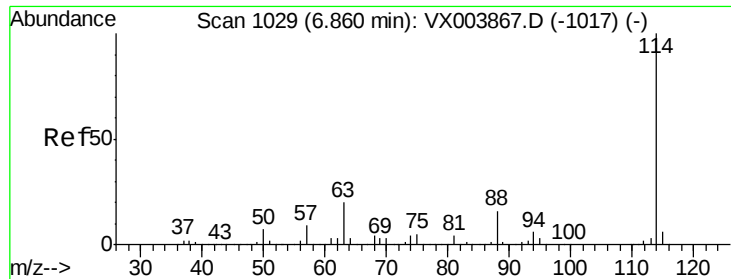
65 100

67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

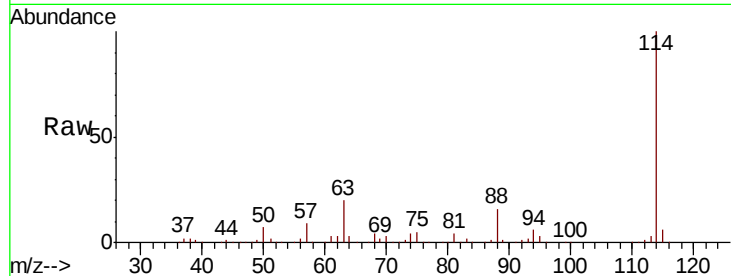




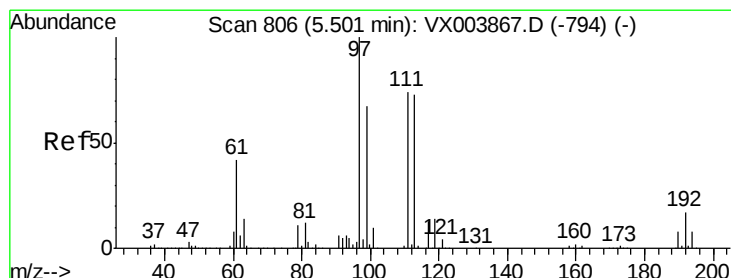
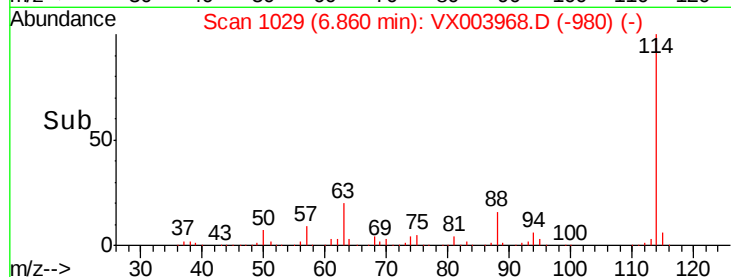
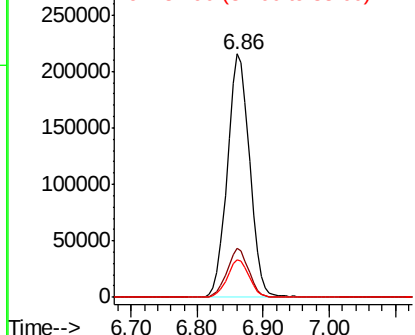
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0559DL

Tot Ion:114 Resp: 504470
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.6 0.0 32.0

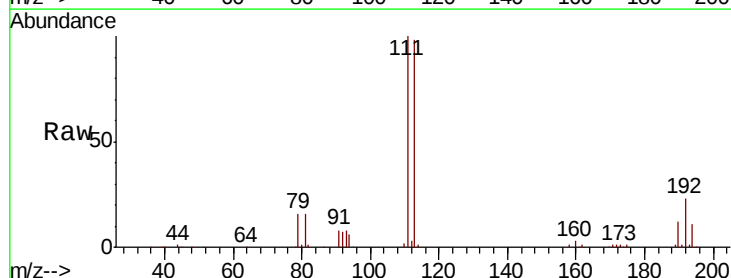


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

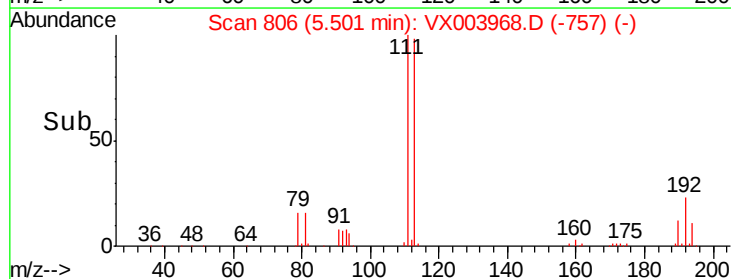
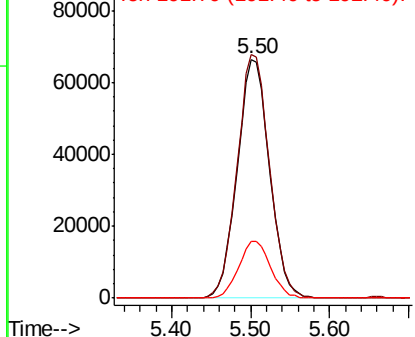


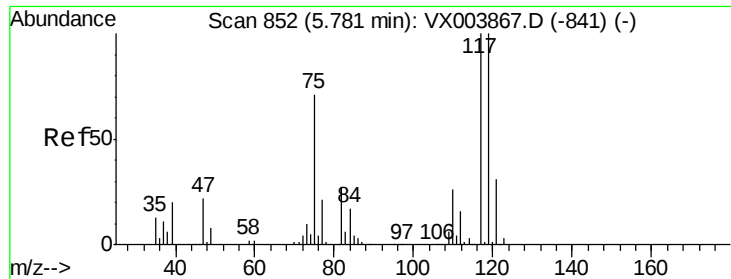
#35
 Dibromofluoromethane
 Concen: 49.46 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Tgt Ion:113 Resp: 189022
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 23.7 19.0 28.4



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





#38

Carbon Tetrachloride

Concen: 5.31 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

FL-0559DL

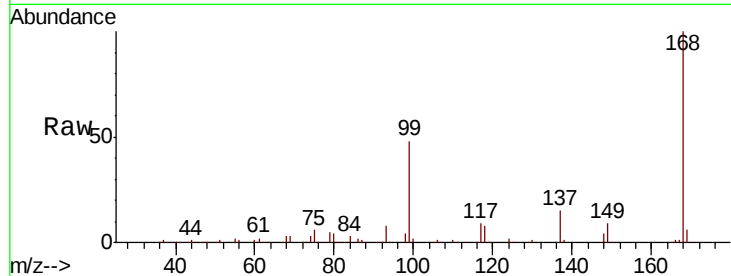
Tot Ion:117 Resp: 28568

Ion Ratio Lower Upper

117 100

119 5.6 79.5 119.3#

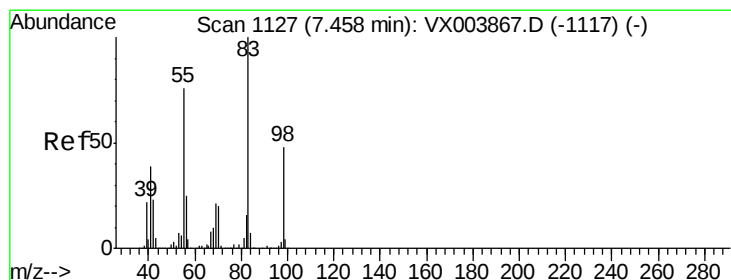
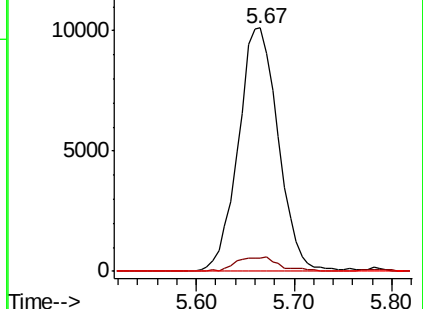
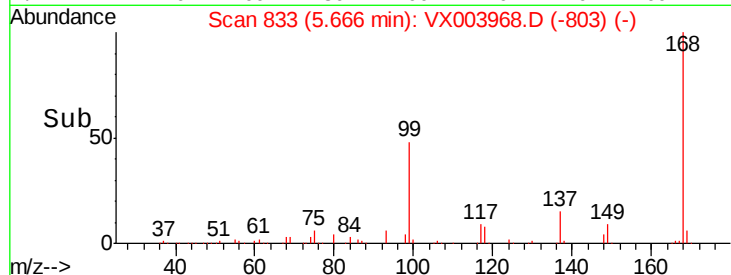
121 0.0 25.0 37.4#



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: 8.62 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

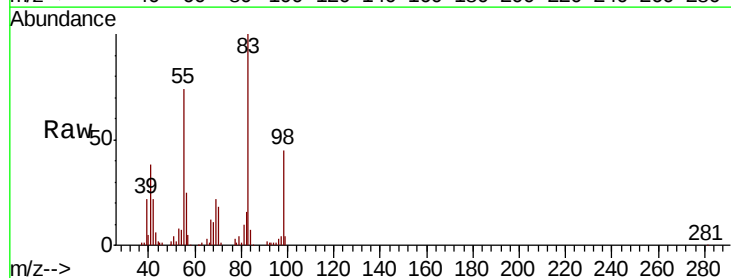
Tgt Ion: 83 Resp: 57422

Ion Ratio Lower Upper

83 100

55 73.9 61.0 91.6

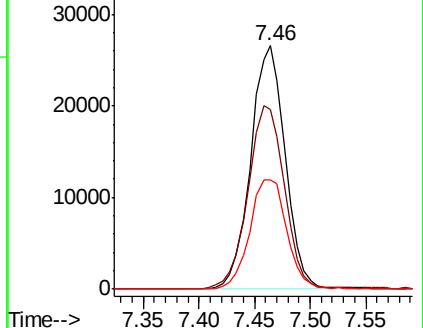
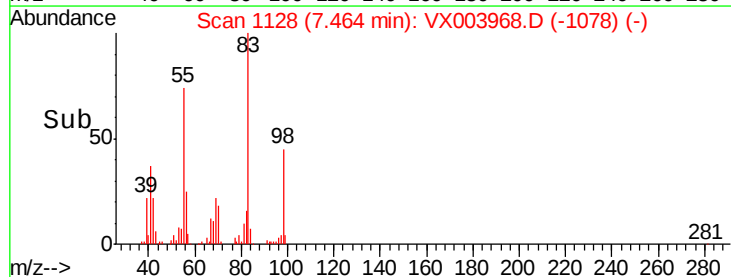
98 45.1 38.6 57.8

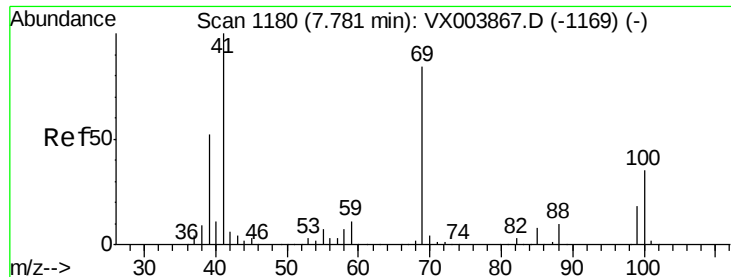


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#48

Methvl methacrylate

Concen: 0.67 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

FL-0559DL

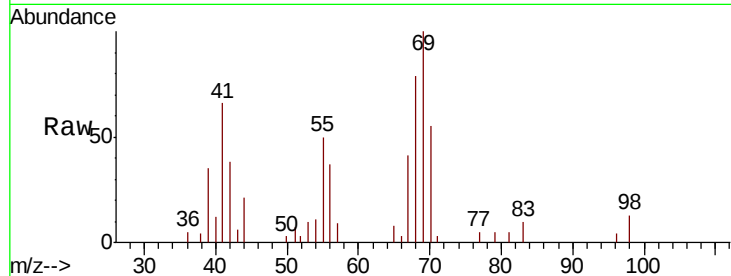
Tot Ion: 41 Resp: 3192

Ion Ratio Lower Upper

41 100

69 135.1 68.8 103.2#

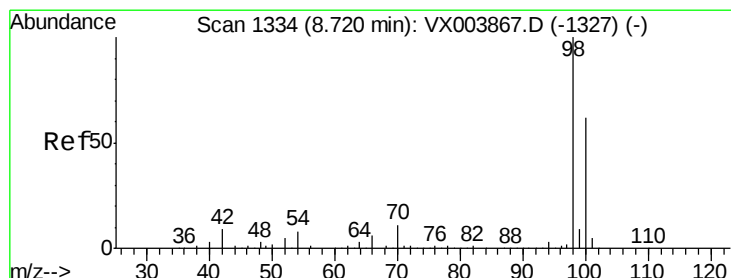
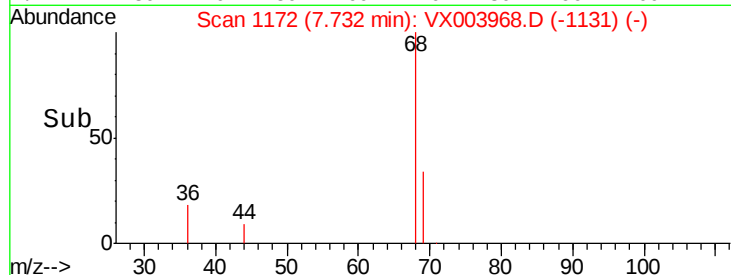
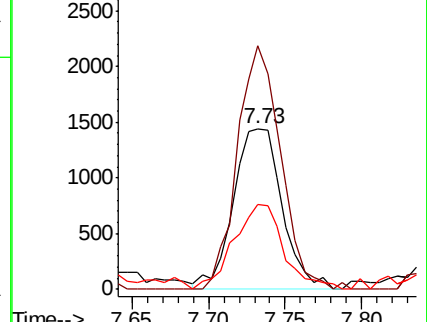
39 54.0 42.3 63.5



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: 48.12 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003968.D

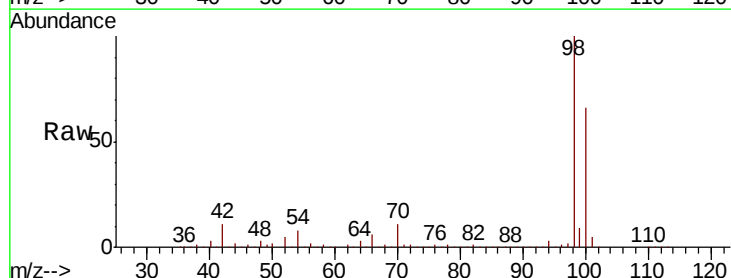
Acq: 10 Aug 2018 11:25

Tgt Ion: 98 Resp: 715108

Ion Ratio Lower Upper

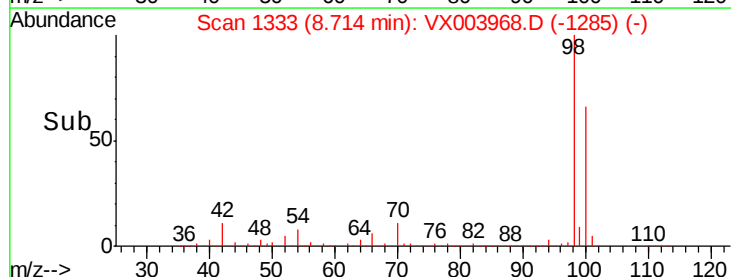
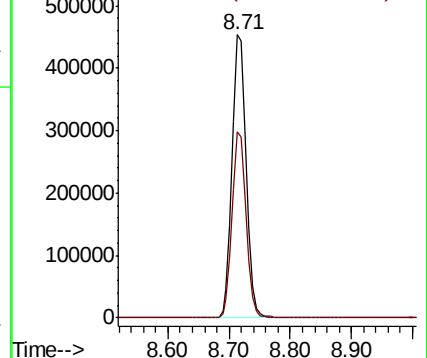
98 100

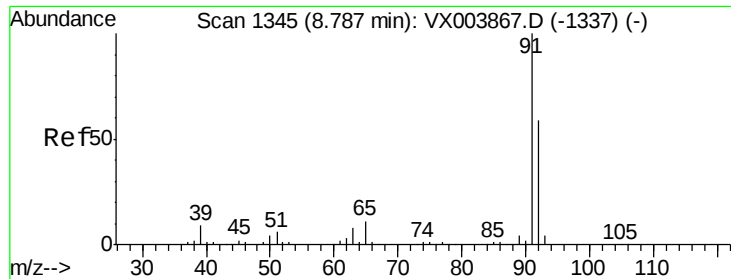
100 65.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

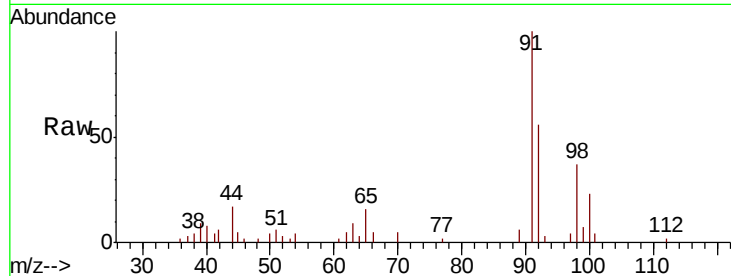
FL-0559DL

Tot Ion: 92 Resp: 2635

Ion Ratio Lower Upper

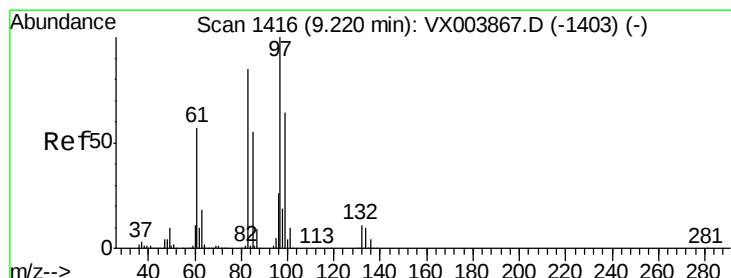
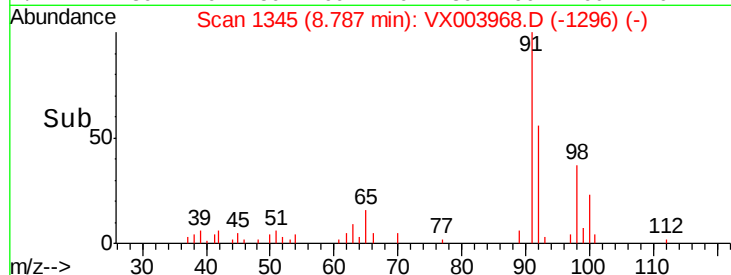
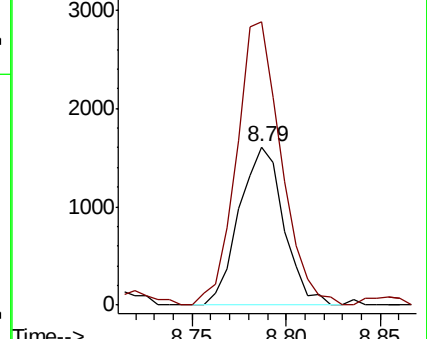
92 100

91 179.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.59 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Tgt Ion: 97 Resp: 2595

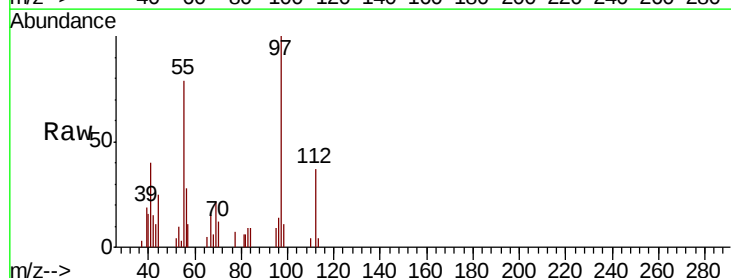
Ion Ratio Lower Upper

97 100

83 9.1 67.8 101.6#

85 0.0 44.2 66.2#

99 0.0 50.8 76.2#

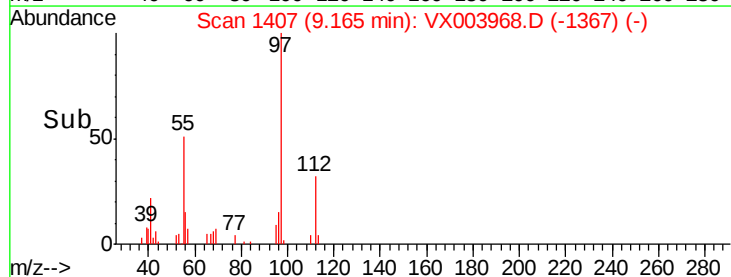
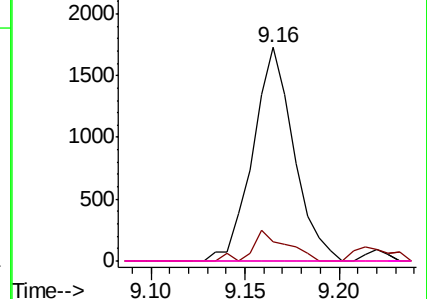


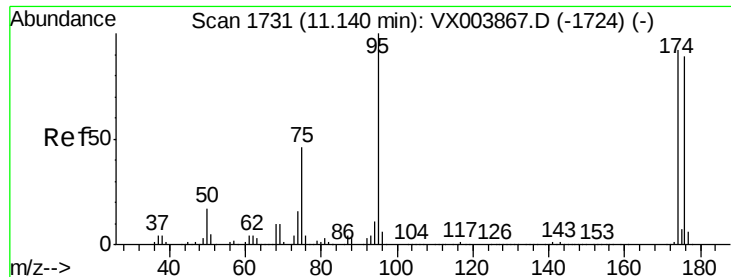
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#62

4-Bromofluorobenzene

Concen: 53.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

FL-0559DL

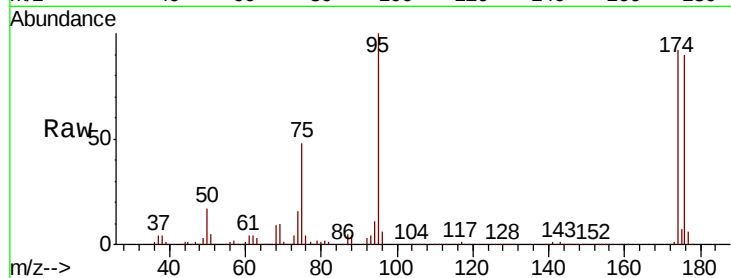
Tot Ion: 95 Resp: 258704

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.8

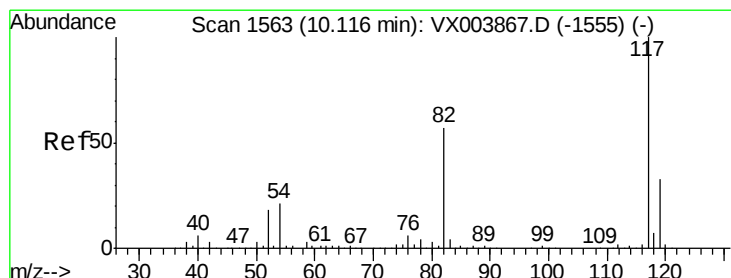
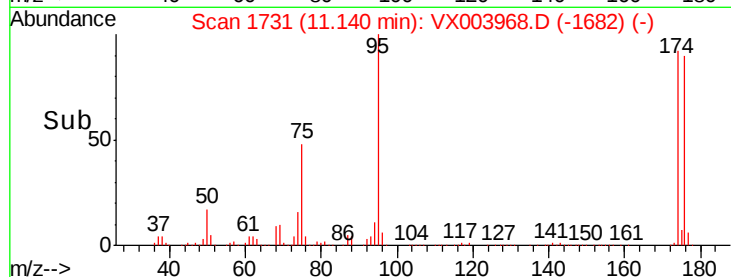
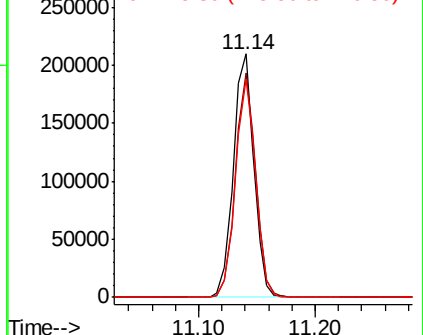
176 88.3 0.0 179.0



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: VX003968.D

Acq: 10 Aug 2018 11:25

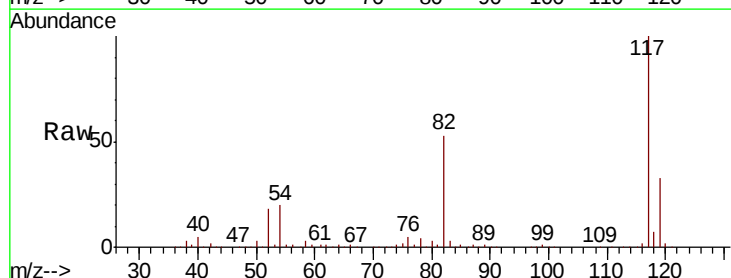
Tgt Ion: 117 Resp: 461762

Ion Ratio Lower Upper

117 100

82 53.1 45.4 68.0

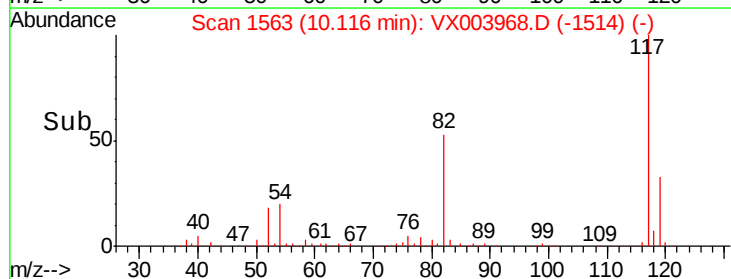
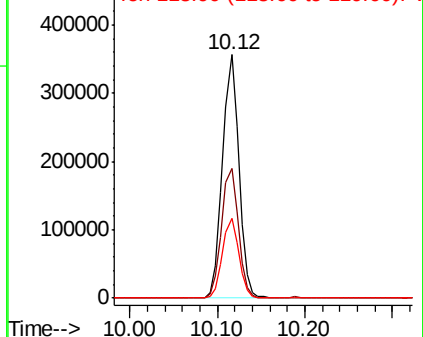
119 32.6 26.6 40.0

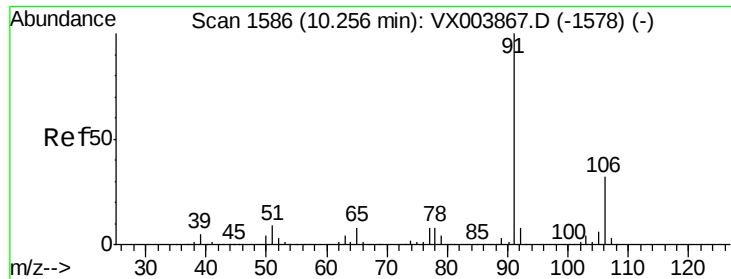


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 19.68 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampleID :

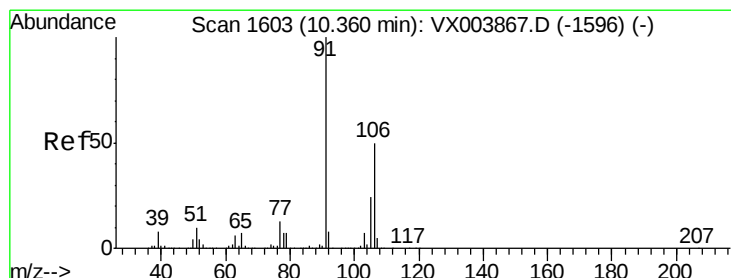
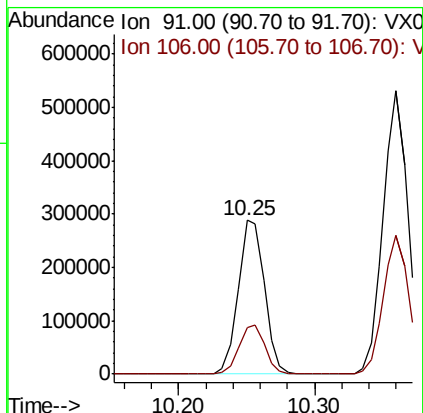
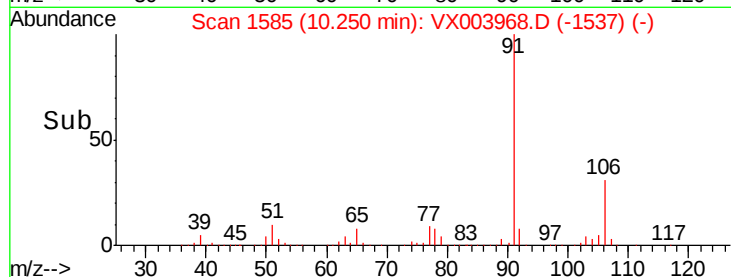
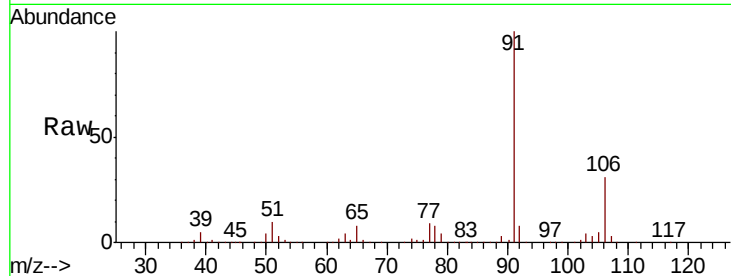
FL-0559DL

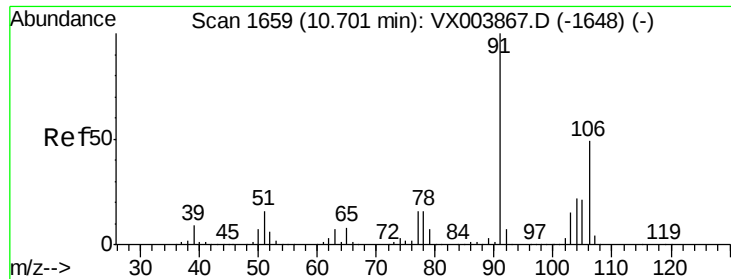
Tot Ion: 91 Resp: 387102

Ion Ratio Lower Upper

91 100

106 30.5 25.9 38.9

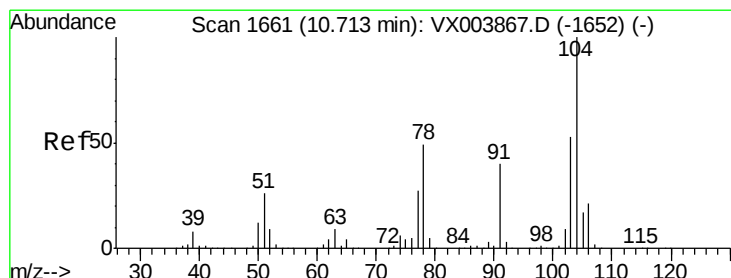
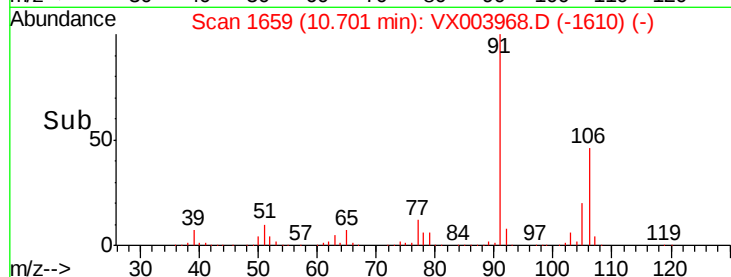
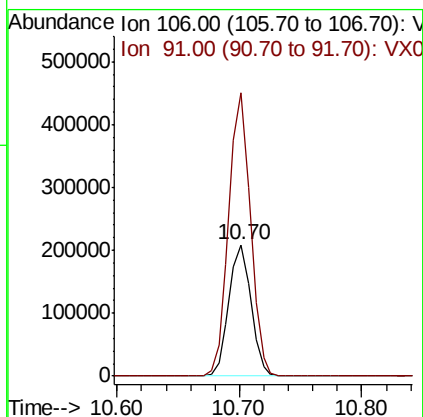
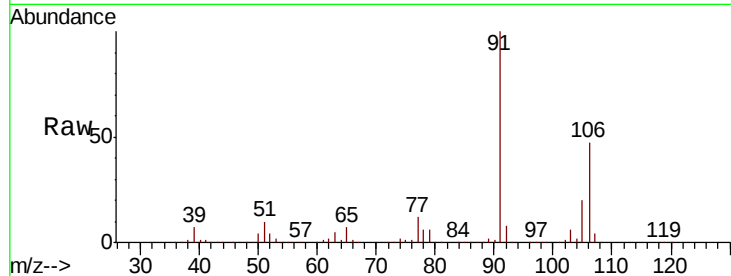




#69
o-Xylene
Concen: 36.00 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

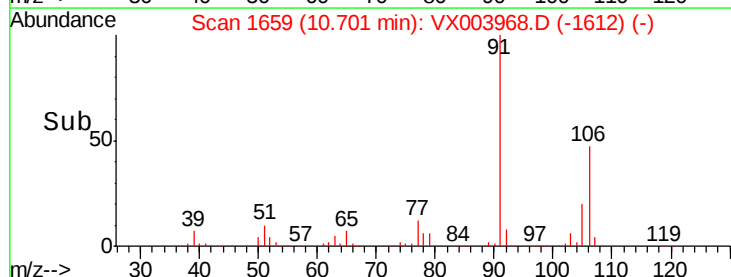
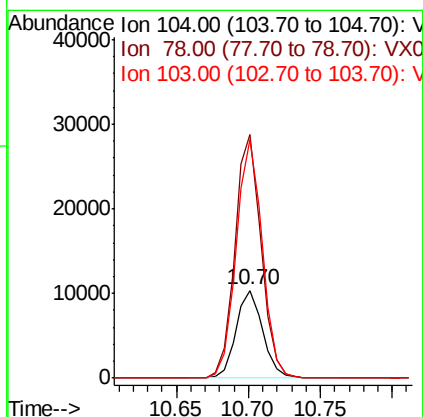
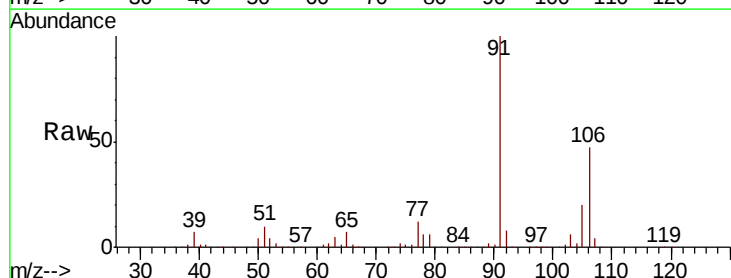
Instrument :
MSVOA_X
ClientSampled :
FL-0559DL

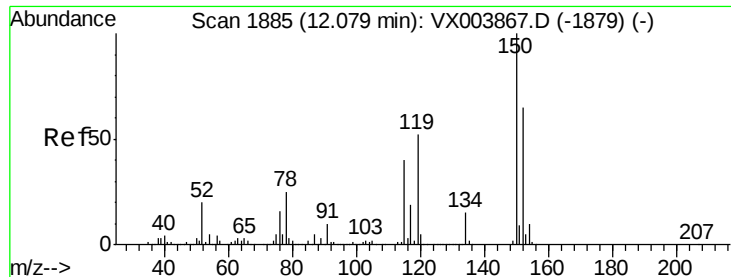
Tot Ion:106 Resp: 261151
Ion Ratio Lower Upper
106 100
91 212.7 101.9 305.7



#70
Styrene
Concen: 1.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion:104 Resp: 13460
Ion Ratio Lower Upper
104 100
78 272.6 39.8 59.6#
103 264.8 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

FL-0559DL

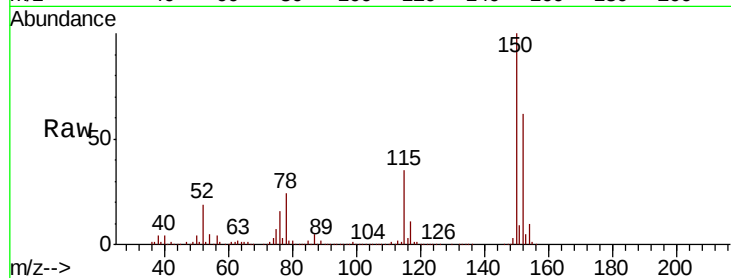
Tot Ion:152 Resp: 263664

Ion Ratio Lower Upper

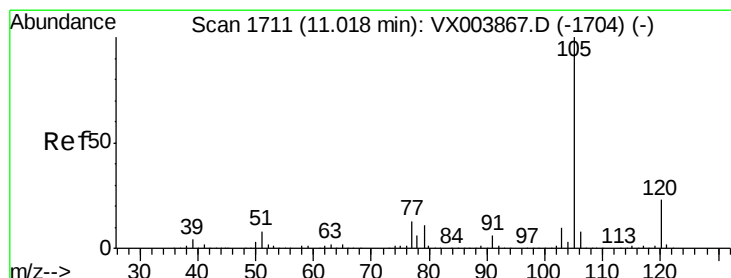
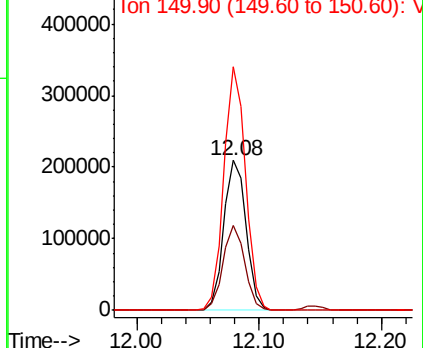
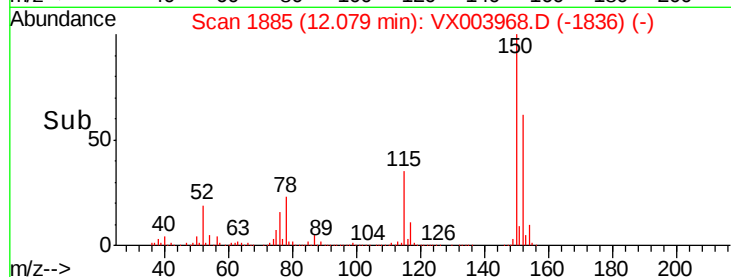
152 100

115 55.0 39.1 117.3

150 157.8 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: 2.89 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003968.D

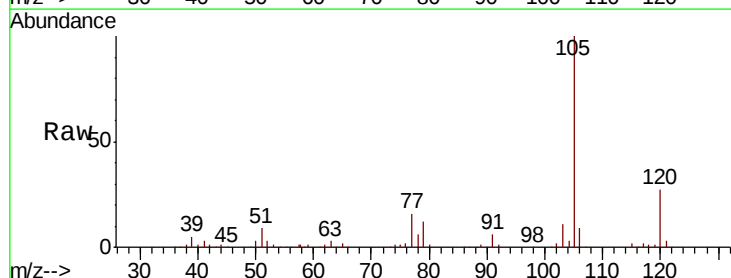
Acq: 10 Aug 2018 11:25

Tgt Ion:105 Resp: 56378

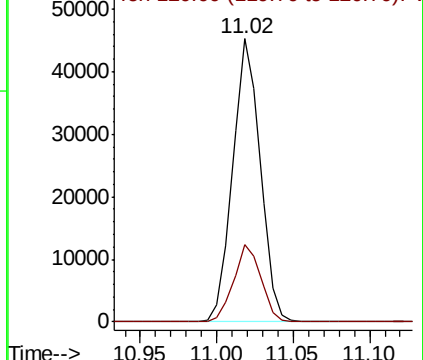
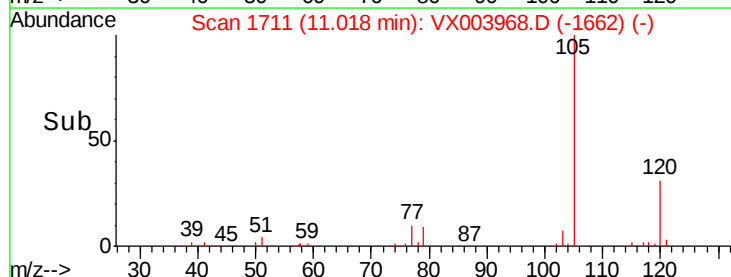
Ion Ratio Lower Upper

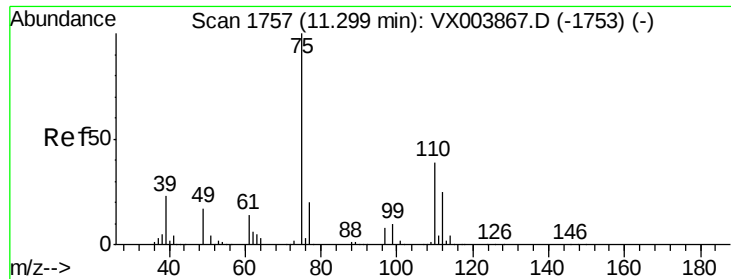
105 100

120 27.1 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: 21.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

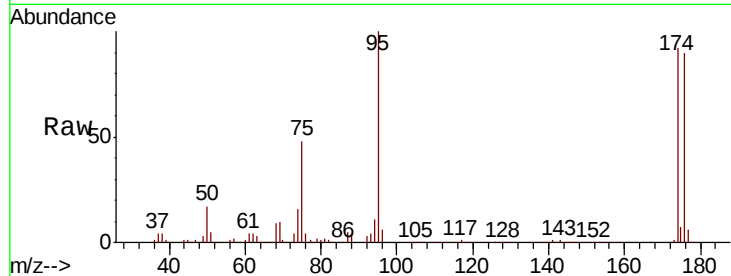
FL-0559DL

Tot Ion: 75 Resp: 126436

Ion Ratio Lower Upper

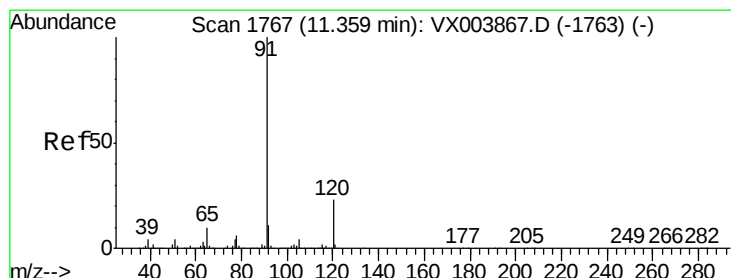
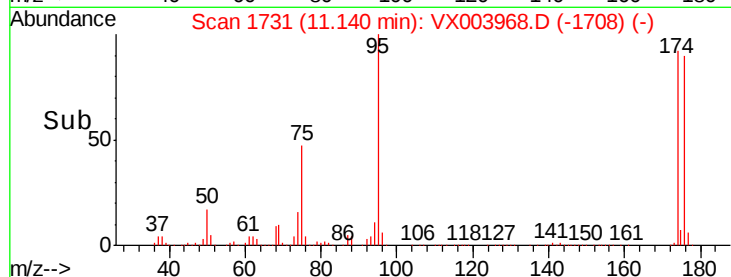
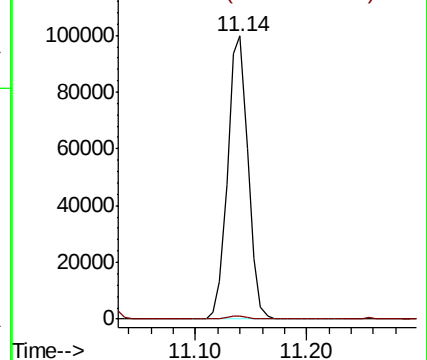
75 100

77 1.2 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: 3.50 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003968.D

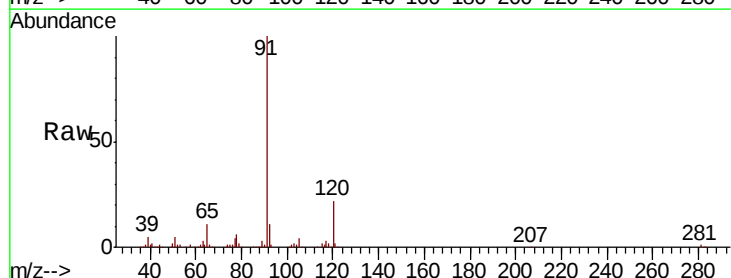
Acq: 10 Aug 2018 11:25

Tgt Ion: 91 Resp: 76650

Ion Ratio Lower Upper

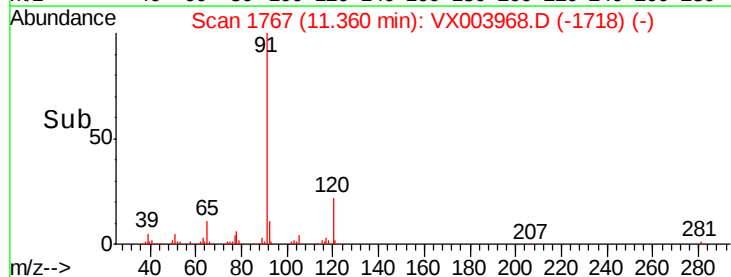
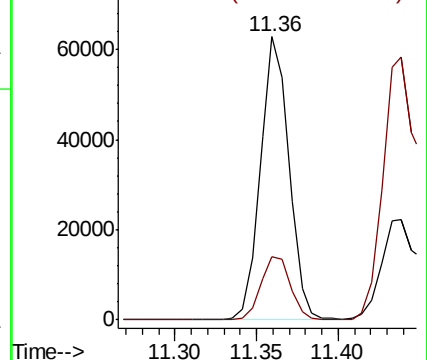
91 100

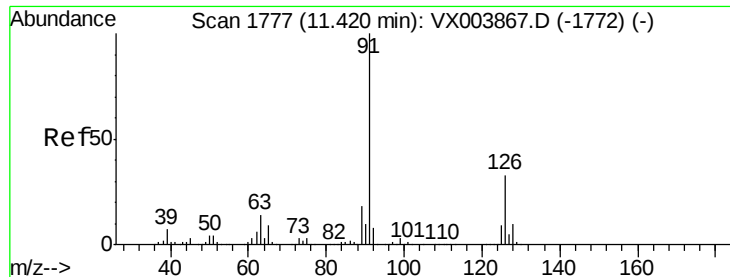
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

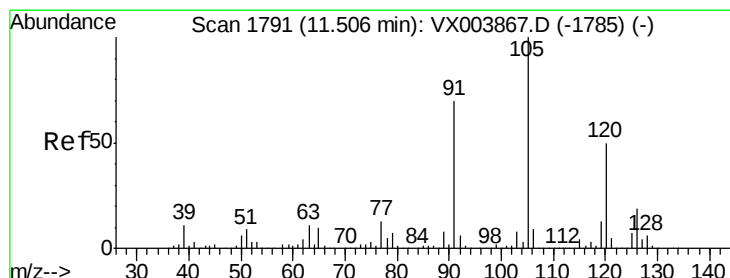
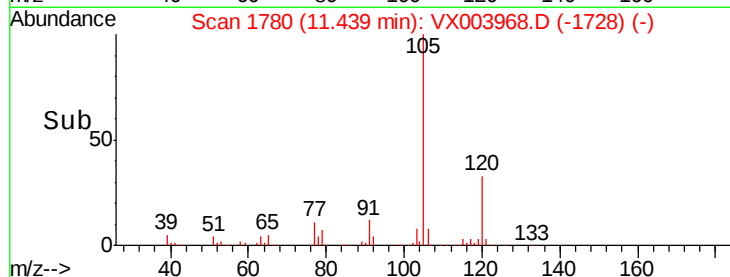
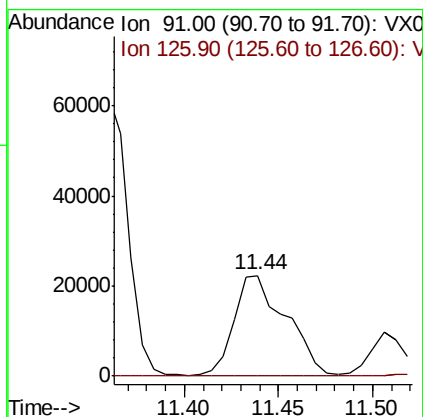
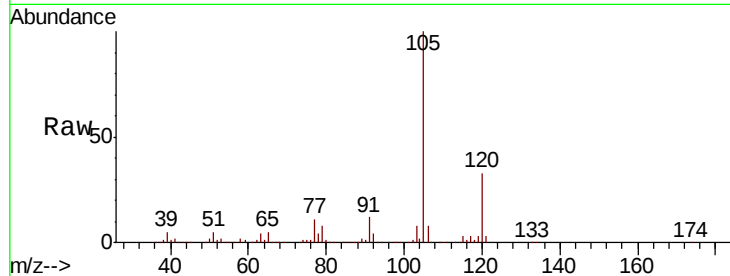




#79
 2-Chlorotoluene
 Concen: 3.22 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.02 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

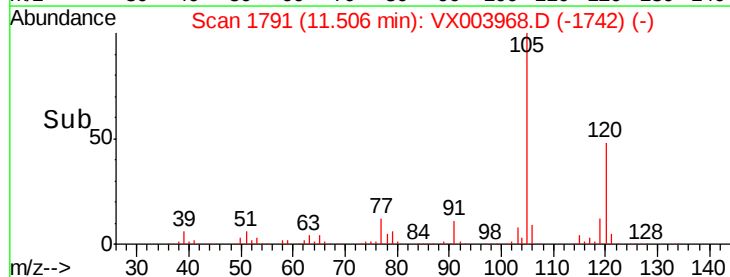
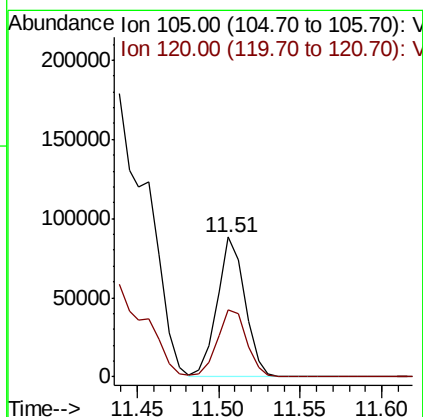
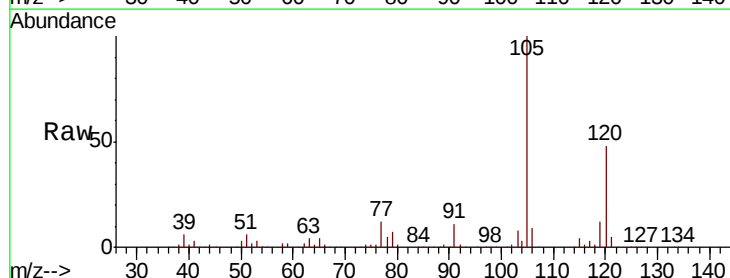
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0559DL

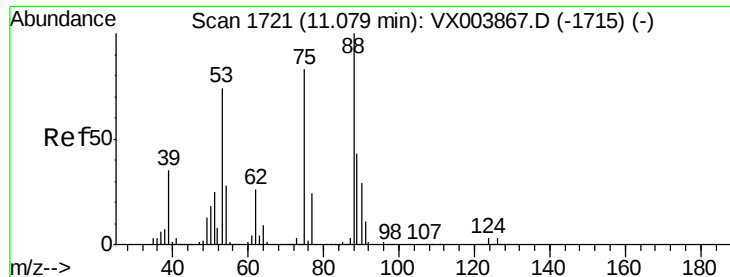
Tot Ion: 91 Resp: 43025
 Ion Ratio Lower Upper
 91 100
 126 0.7 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 6.60 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003968.D
 Acq: 10 Aug 2018 11:25

Tgt Ion: 105 Resp: 105043
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 58.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

FL-0559DL

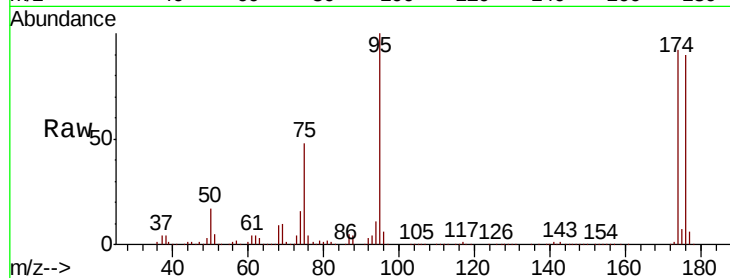
Tot Ion: 75 Resp: 126436

Ion Ratio Lower Upper

75 100

53 0.1 80.3 120.5#

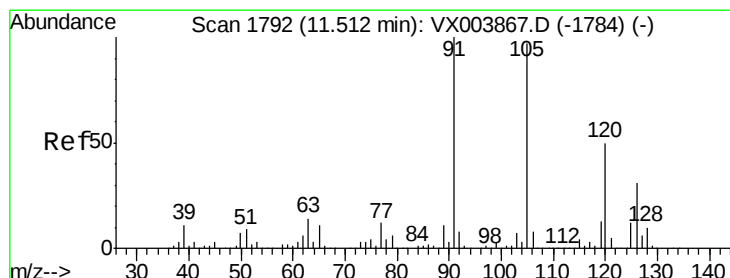
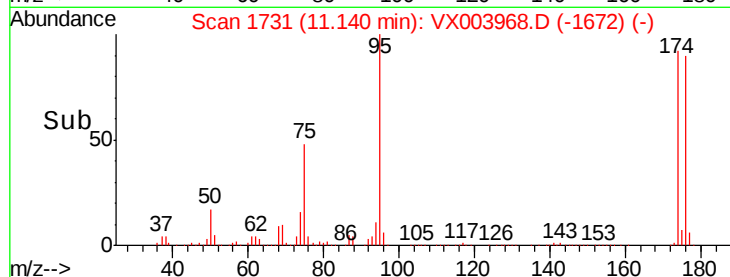
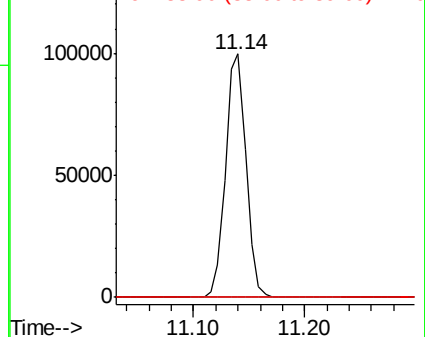
89 0.0 37.8 56.8#



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: 0.78 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003968.D

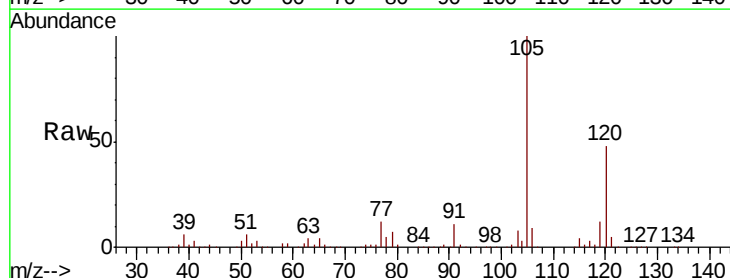
Acq: 10 Aug 2018 11:25

Tgt Ion: 91 Resp: 12145

Ion Ratio Lower Upper

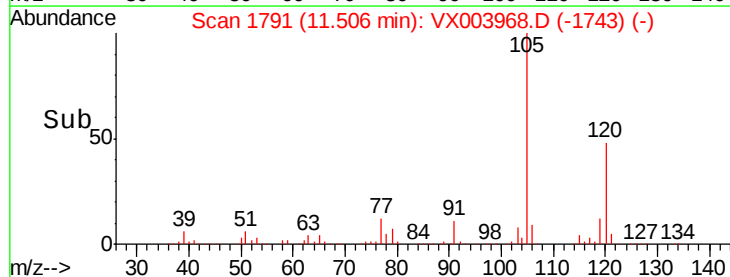
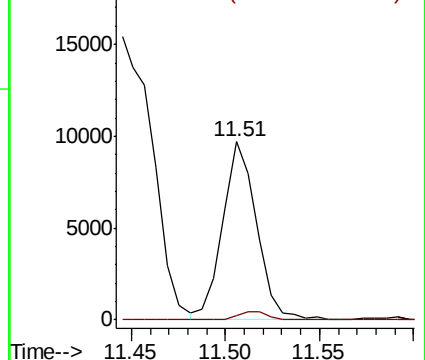
91 100

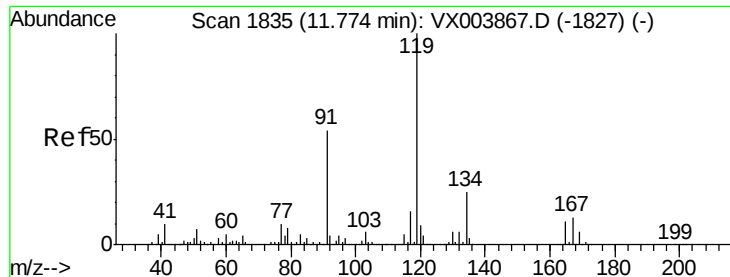
126 4.2 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

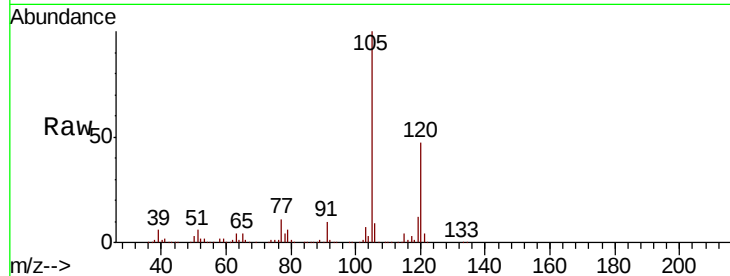




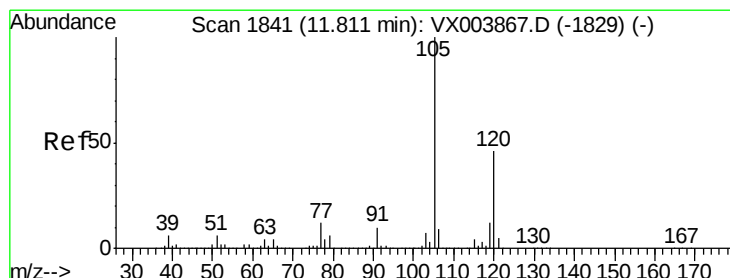
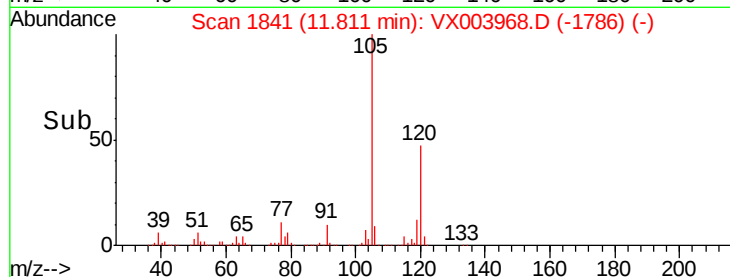
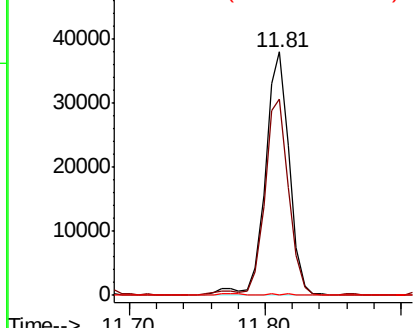
#83
tert-Butylbenzene
Concen: 3.00 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Instrument :
MSVOA_X
ClientSampleID :
FL-0559DL

Tot Ion:119 Resp: 46909
Ion Ratio Lower Upper
119 100
91 82.2 26.9 80.7#
134 0.8 12.0 36.0#

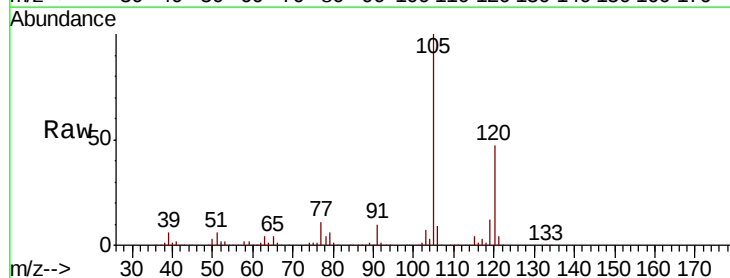


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

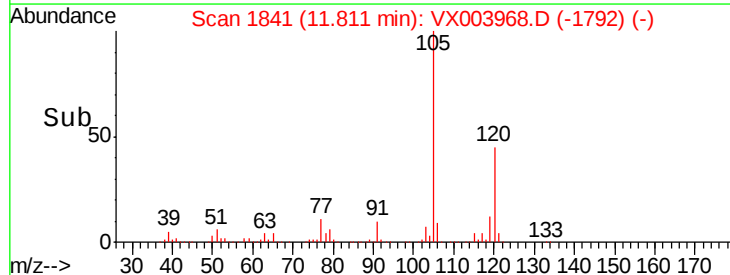
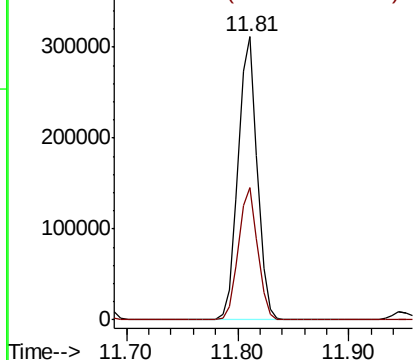


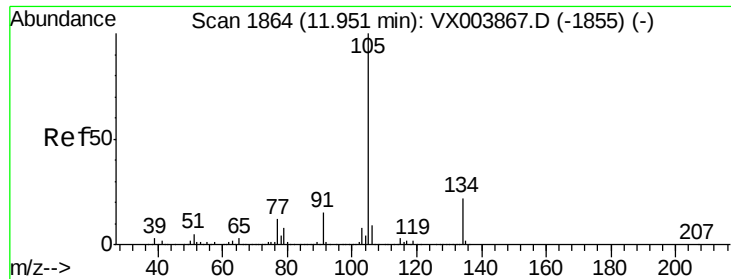
#84
1,2,4-Trimethylbenzene
Concen: 23.15 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion:105 Resp: 370265
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.60 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

Instrument :

MSVOA_X

ClientSampled :

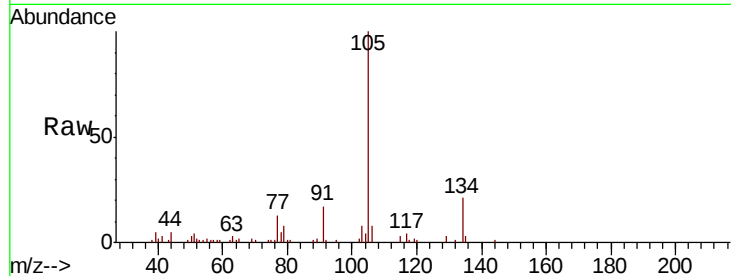
FL-0559DL

Tot Ion:105 Resp: 11143

Ion Ratio Lower Upper

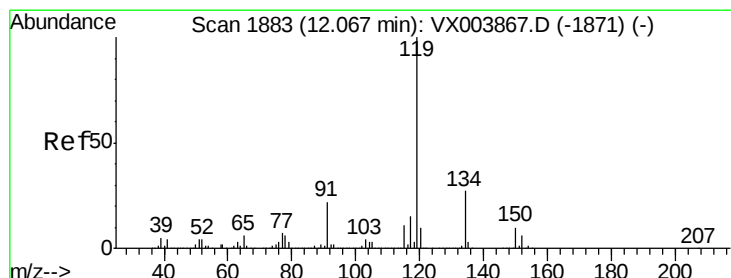
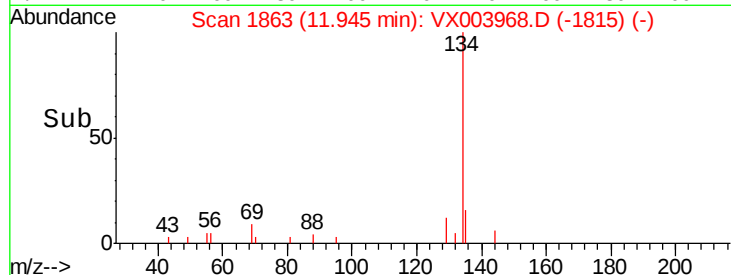
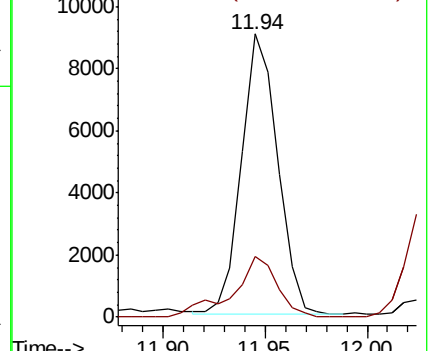
105 100

134 26.6 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.60 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003968.D

Acq: 10 Aug 2018 11:25

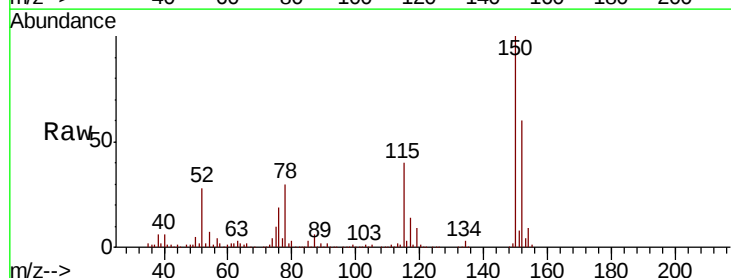
Tgt Ion:119 Resp: 10016

Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.8

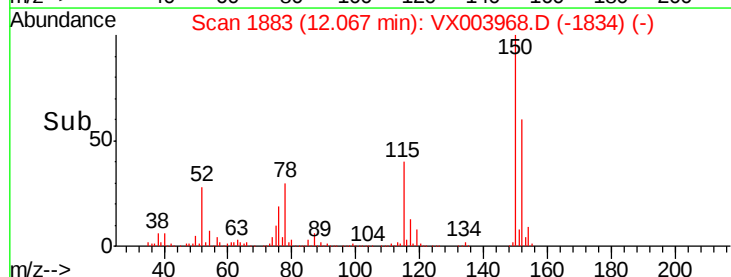
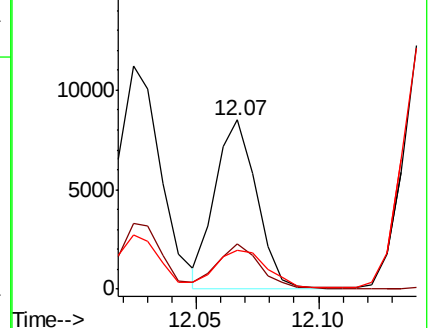
91 27.5 10.9 32.7

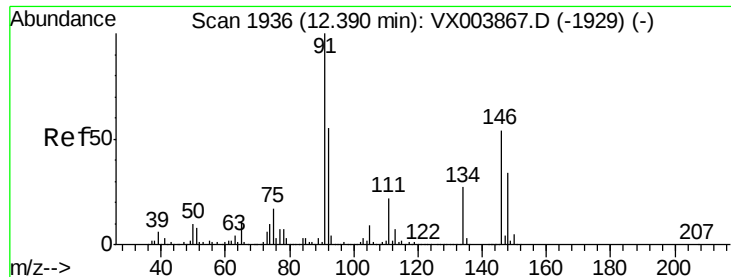


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

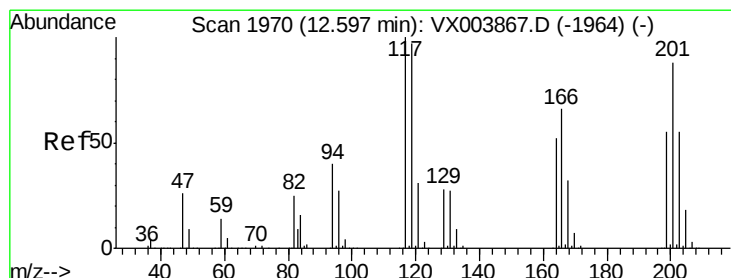
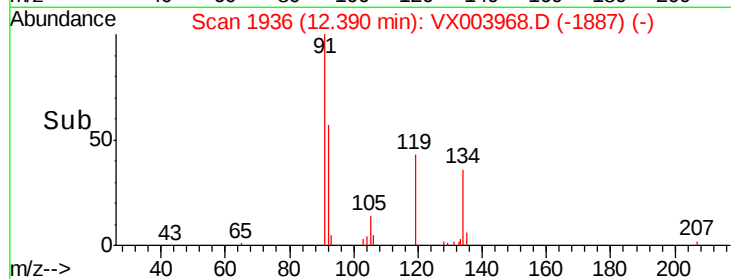
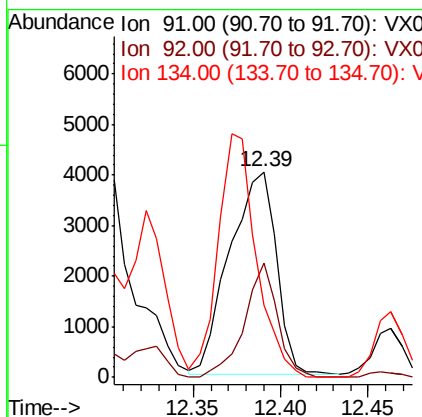
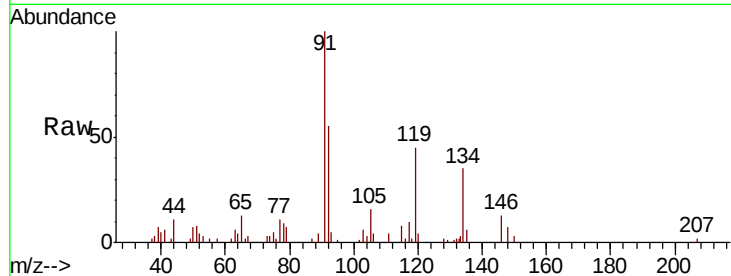




#89
n-Butylbenzene
Concen: 0.52 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

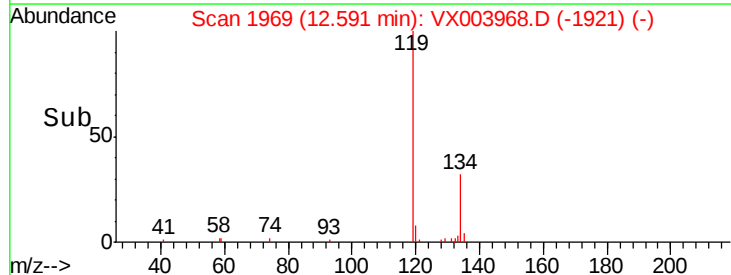
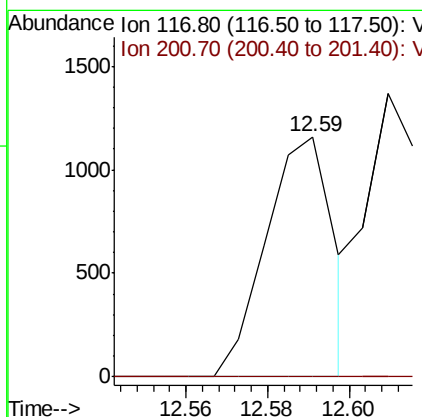
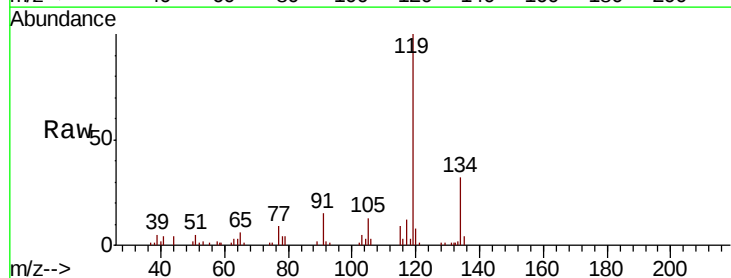
Instrument :
MSVOA_X
ClientSampled :
FL-0559DL

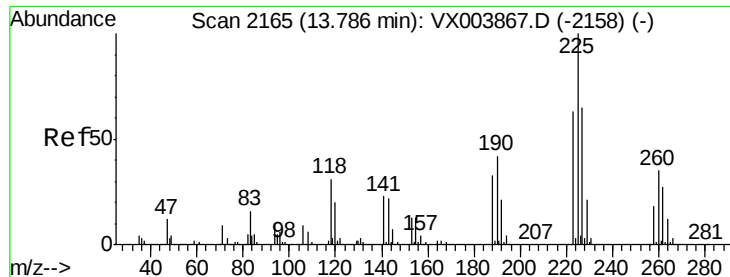
Tot Ion: 91 Resp: 7451
Ion Ratio Lower Upper
91 100
92 39.7 27.1 81.3
134 98.1 13.6 40.7#



#90
Hexachloroethane
Concen: 0.49 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion: 117 Resp: 1329
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#

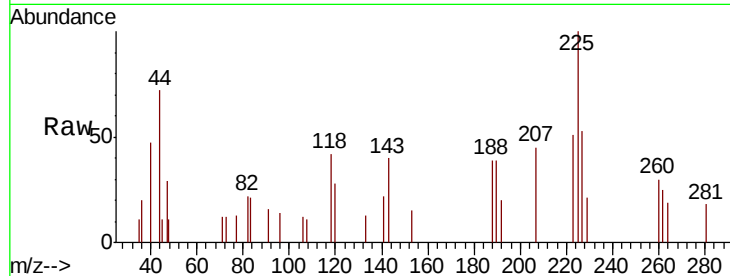




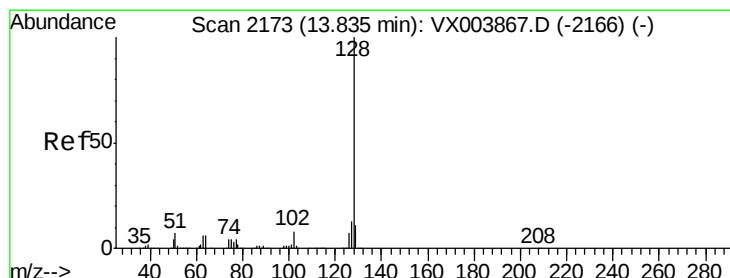
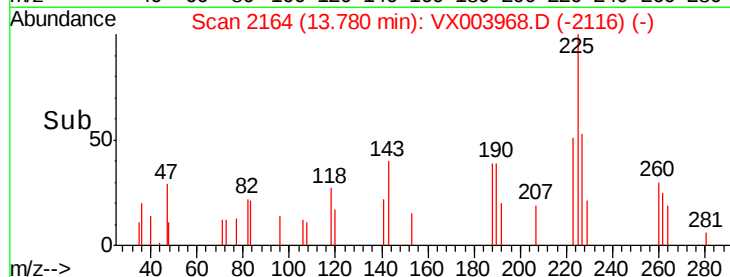
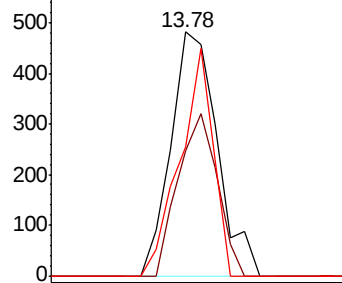
#94
Hexachlorobutadiene
Concen: 0.64 ug/l
RT: 13.78 min Scan# 2164
Delta R.T. -0.01 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Instrument :
MSVOA_X
ClientSampleID :
FL-0559DL

Tot Ion:225 Resp: 635
Ion Ratio Lower Upper
225 100
223 56.4 31.4 94.0
227 66.9 32.1 96.5

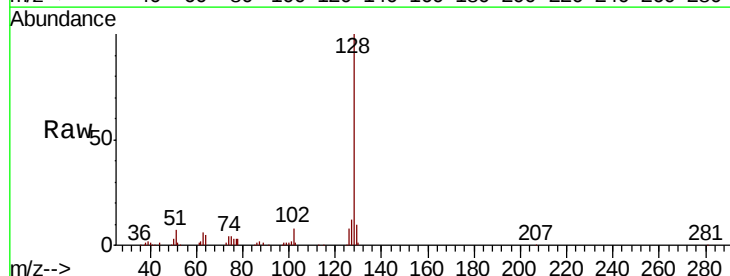


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 2.17 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003968.D
Acq: 10 Aug 2018 11:25

Tgt Ion:128 Resp: 42575
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 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

