

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004233.D
 Acq On : 23 Aug 2018 18:07
 Operator : JC/MD
 Sample : J4579-09DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0553DL

Quant Time: Aug 24 09:42:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	297985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	273457	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	193567	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	5.50	113	166283	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	644780	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.14	95	254612	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1493	0.68	ug/l	# 78
5) Bromomethane	1.64	94	1613	Below	Cal	# 85
6) Chloroethane	1.73	64	2945	1.90	ug/l	# 53
10) Methyl Iodide	2.51	142	558	4.40	ug/l	# 89
11) Tert butyl alcohol	3.01	59	8076	9.75	ug/l	# 72
13) Acrolein	2.38	56	1393	6.98	ug/l	# 95
15) Acrylonitrile	3.15	53	1199	0.58	ug/l	# 51
16) Acetone	2.45	43	1534	Below	Cal	# 66
17) Carbon Disulfide	2.56	76	555	0.86	ug/l	# 86
18) Methyl Acetate	2.82	43	10236	1.78	ug/l	# 51
20) Methylene Chloride	2.85	84	3396	0.91	ug/l	# 95
25) 2-Butanone	4.72	43	390	Below	Cal	# 47
29) Tetrahydrofuran	5.18	42	931	0.56	ug/l	# 64
31) Cyclohexane	5.56	56	22438	4.12	ug/l	# 97
36) 1,1-Dichloropropene	5.65	75	19342	3.73	ug/l	# 49
38) Carbon Tetrachloride	5.66	117	26001	5.34	ug/l	# 15
39) Methylcyclohexane	7.46	83	18042	3.05	ug/l	# 100
52) Toluene	8.78	92	38785	4.00	ug/l	# 99
55) 1,1,2-Trichloroethane	9.16	97	1455	0.37	ug/l	# 23
67) Ethyl Benzene	10.25	91	262595	15.39	ug/l	# 95
68) m/p-Xylenes	10.36	106	282800	42.39	ug/l	# 99
69) o-Xylene	10.70	106	124998	19.81	ug/l	# 99
70) Styrene	10.70	104	6318	0.62	ug/l	# 1
73) Isopropylbenzene	11.02	105	27895	1.55	ug/l	# 99
76) 1,2,3-Trichloropropane	11.14	75	121245	21.80	ug/l	# 37
78) n-propylbenzene	11.36	91	39747	1.92	ug/l	# 100
79) 2-Chlorotoluene	11.43	91	15549	1.22	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.51	105	44185	2.97	ug/l	# 99
81) trans-1,4-Dichloro-2-buten	11.14	75	121245	70.73	ug/l	# 10
82) 4-Chlorotoluene	11.51	91	4910	0.33	ug/l	# 44
84) 1,2,4-Trimethylbenzene	11.81	105	194520	12.74	ug/l	# 98
85) sec-Butylbenzene	11.81	105	194520	10.95	ug/l	# 55
86) p-Isopropyltoluene	12.02	119	6362	0.40	ug/l	# 99
89) n-Butylbenzene	12.38	91	4217	0.33	ug/l	# 28

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Response via : Initial Calibration

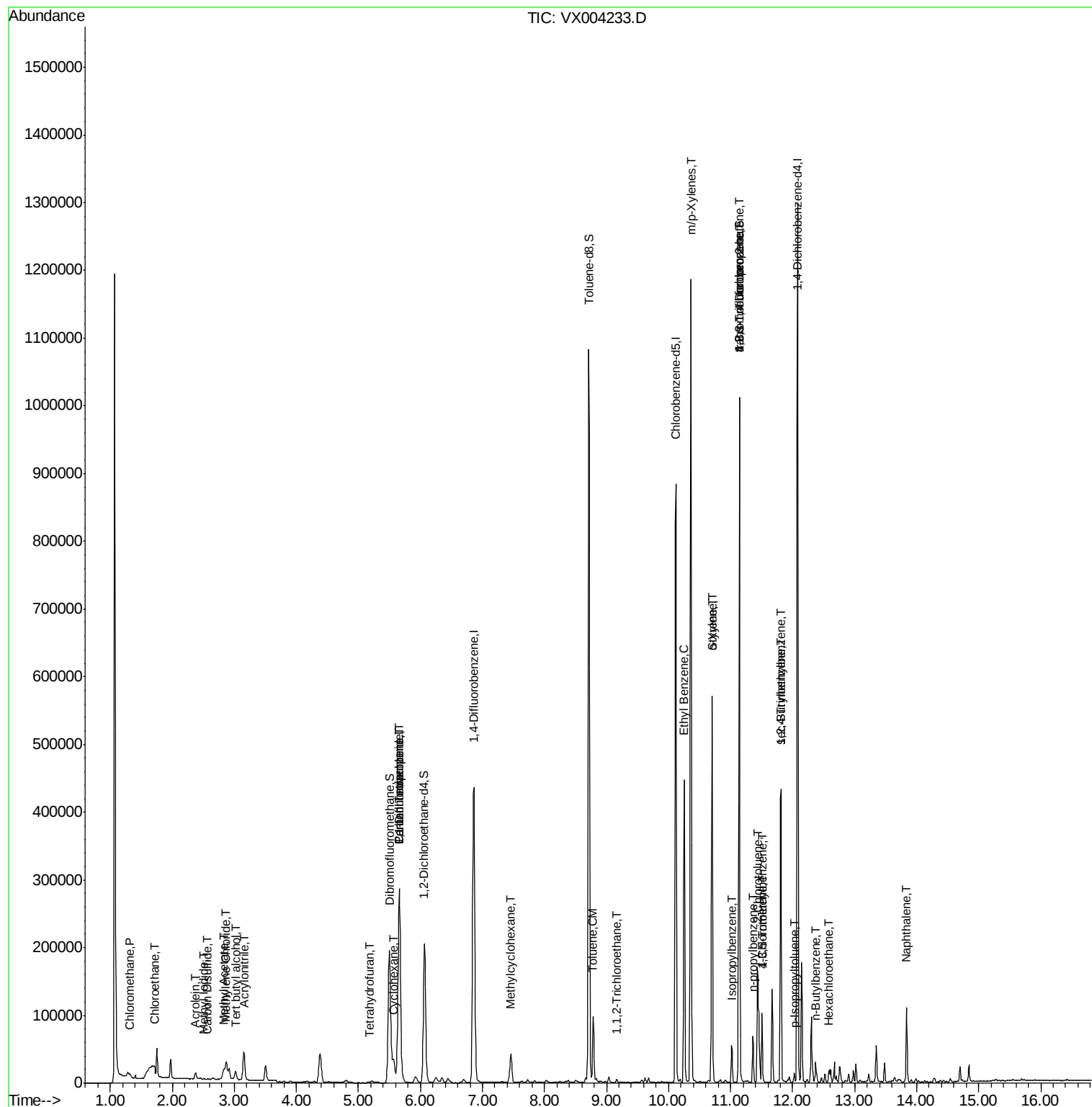
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.59	117	840	0.38	ug/l #	3
94) Hexachlorobutadiene	13.79	225	111	Below Cal		68
95) Naphthalene	13.83	128	69516	3.90	ug/l	99

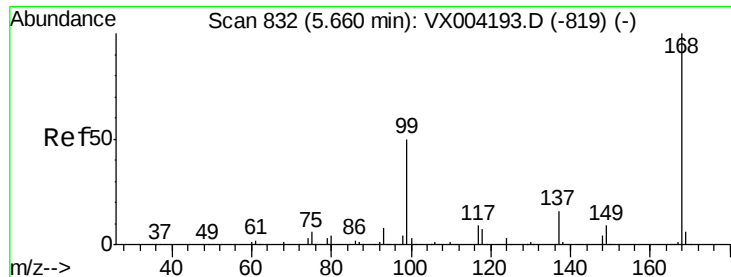
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

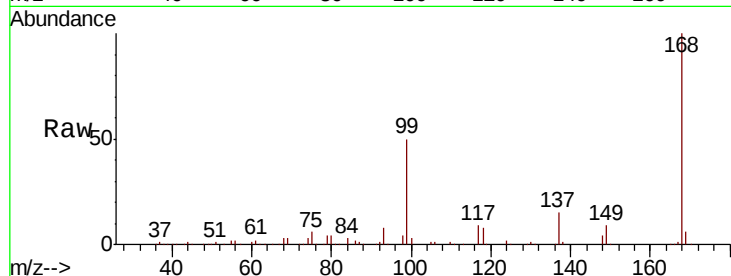
FL-0553DL

Tot Ion:168 Resp: 297985

Ion Ratio Lower Upper

168 100

99 50.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

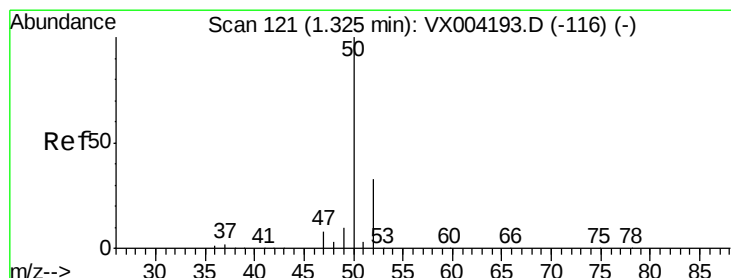
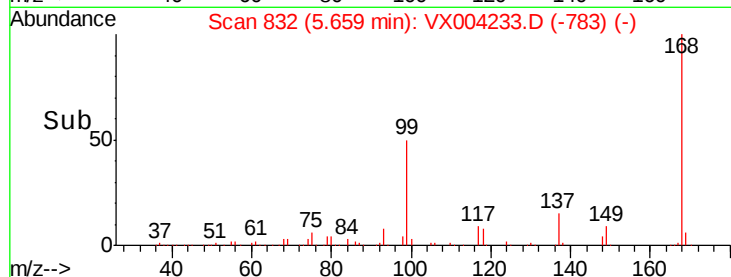
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.68 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004233.D

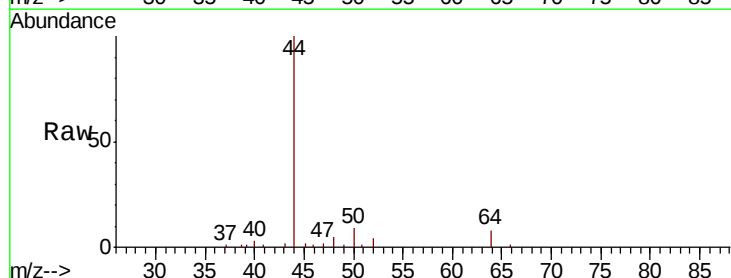
Acq: 23 Aug 2018 18:07

Tgt Ion: 50 Resp: 1493

Ion Ratio Lower Upper

50 100

52 45.4 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

600

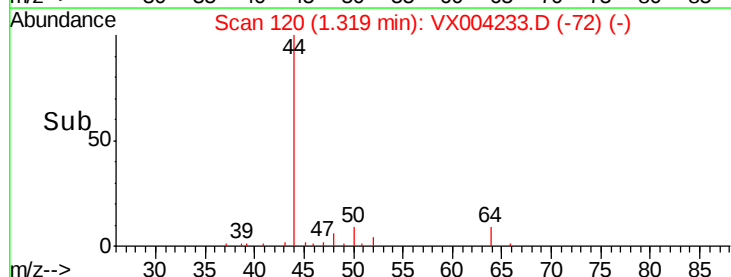
400

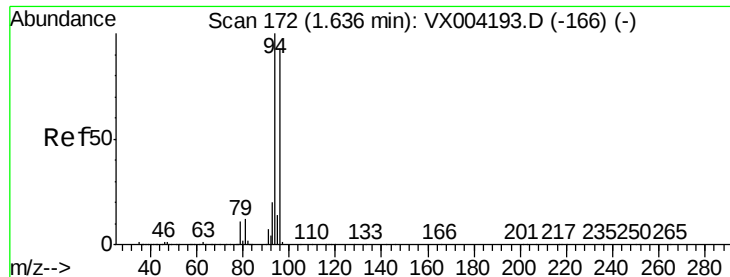
200

0

Time-->

1.25 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: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

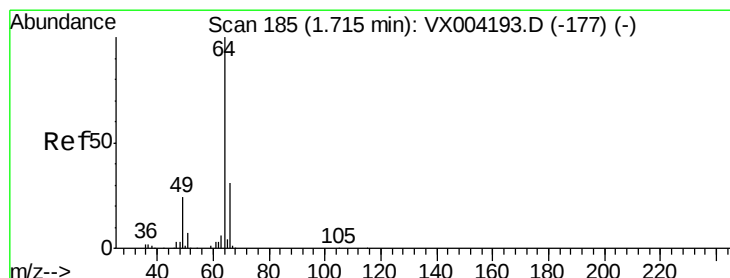
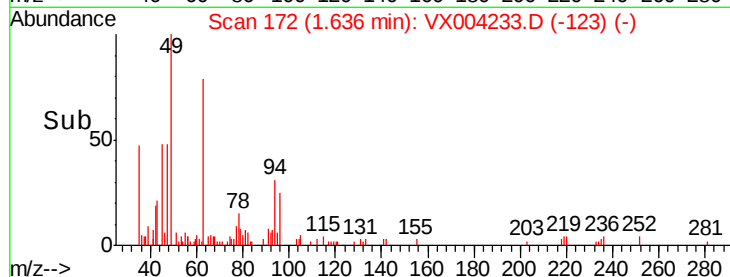
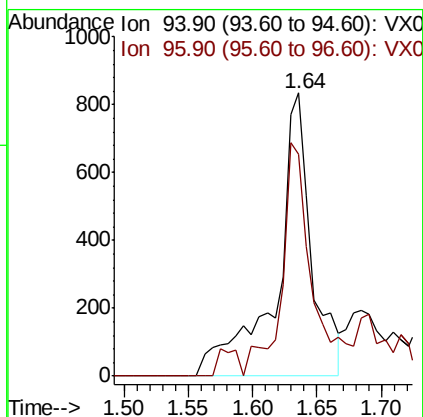
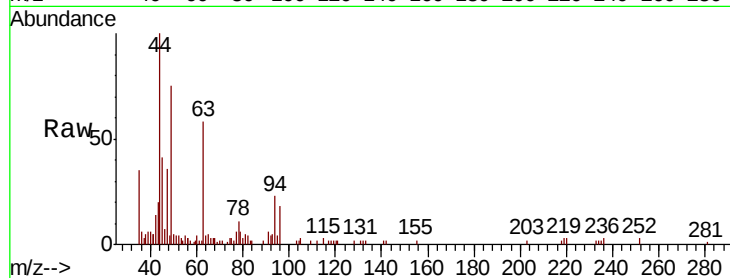
FL-0553DL

Tot Ion: 94 Resp: 1613

Ion Ratio Lower Upper

94 100

96 78.4 74.5 111.7



#6

Chloroethane

Concen: 1.90 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004233.D

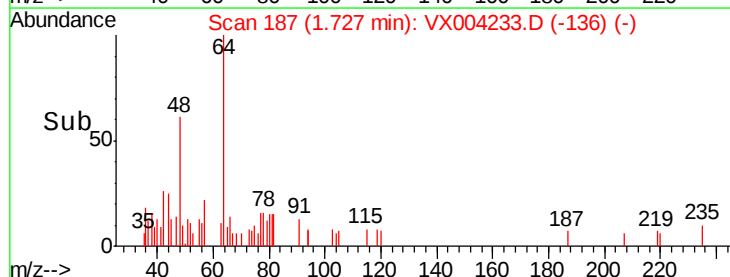
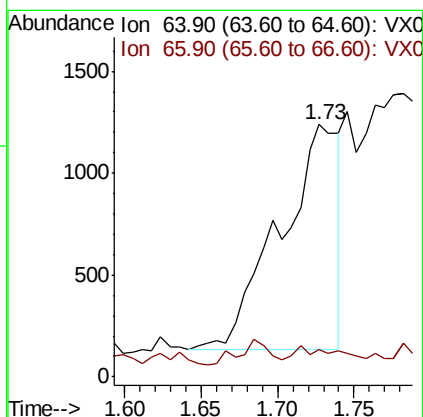
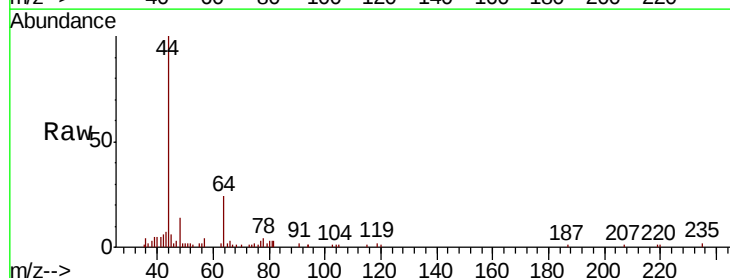
Acq: 23 Aug 2018 18:07

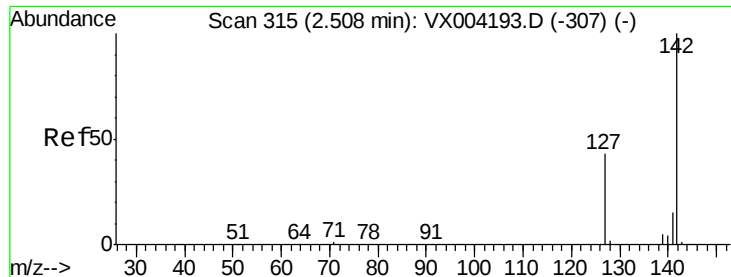
Tgt Ion: 64 Resp: 2945

Ion Ratio Lower Upper

64 100

66 4.7 24.6 36.8#

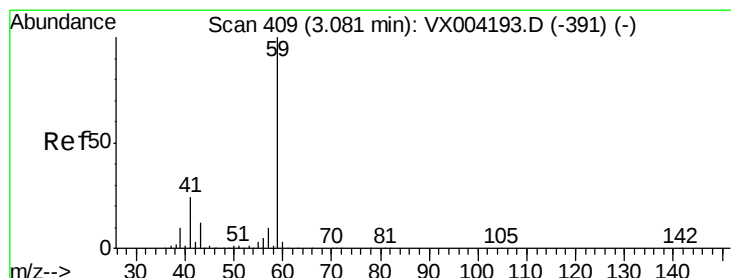
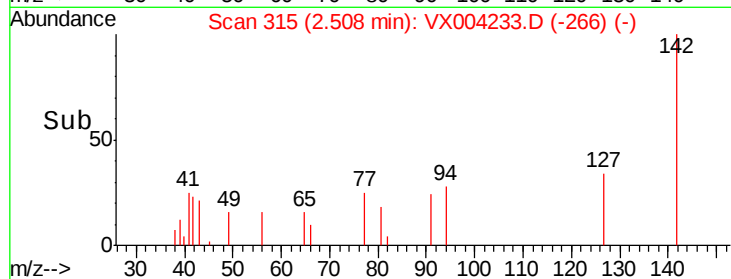
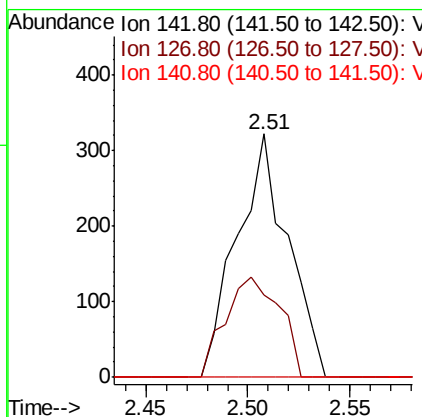
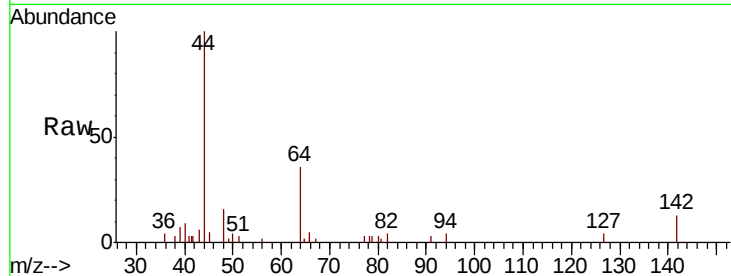




#10
Methvl Iodide
Concen: 4.40 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

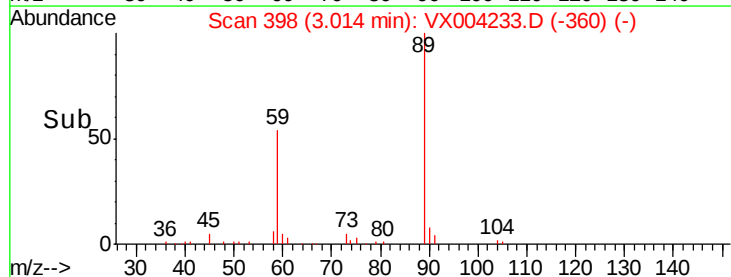
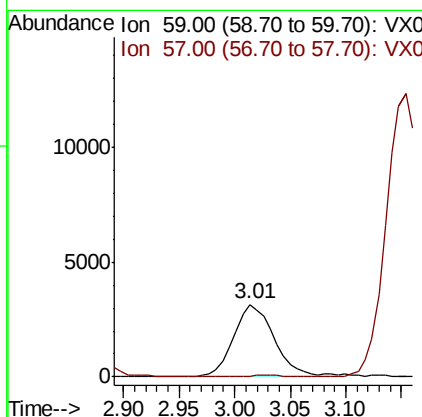
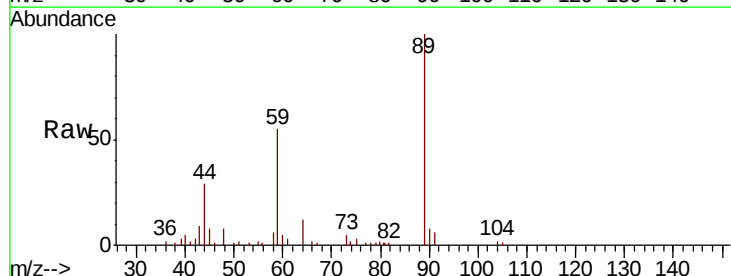
Instrument :
MSVOA_X
ClientSampleId :
FL-0553DL

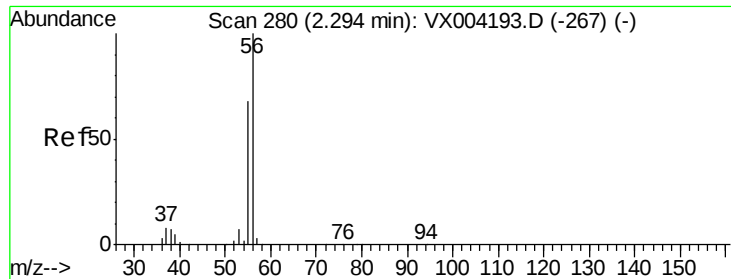
Tot Ion:142 Resp: 558
Ion Ratio Lower Upper
142 100
127 43.9 33.8 50.6
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 9.75 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.07 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

Tgt Ion: 59 Resp: 8076
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 6.98 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.09 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

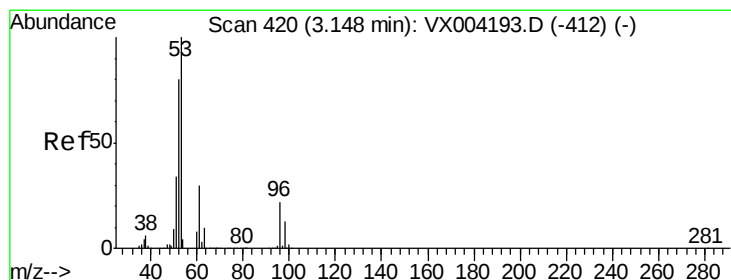
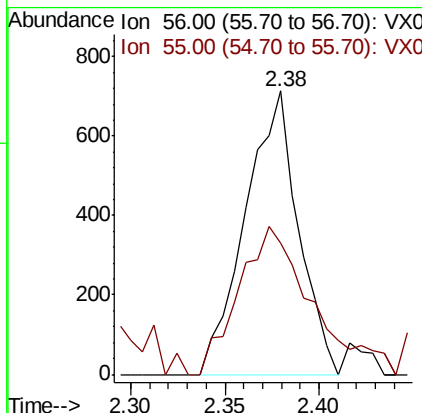
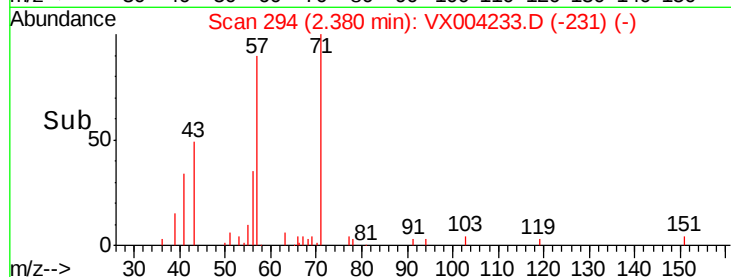
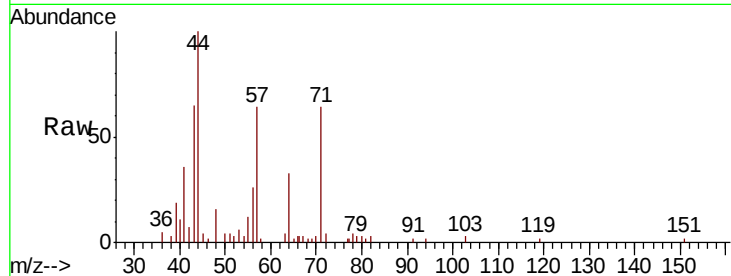
FL-0553DL

Tot Ion: 56 Resp: 1393

Ion Ratio Lower Upper

56 100

55 72.1 54.7 82.1



#15

Acrylonitrile

Concen: 0.58 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

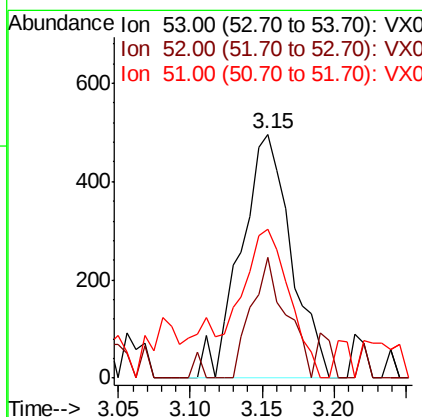
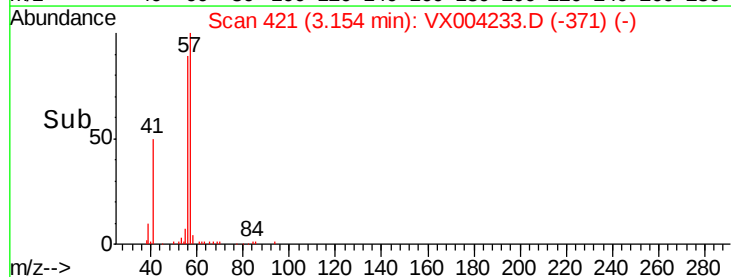
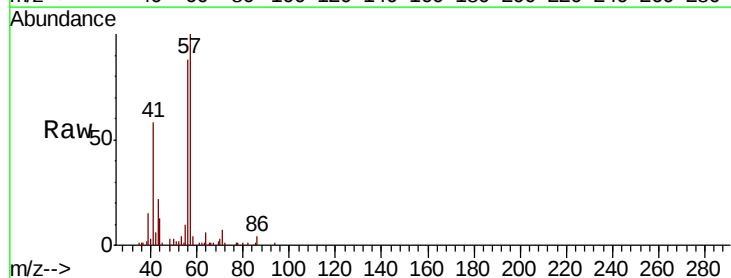
Tgt Ion: 53 Resp: 1199

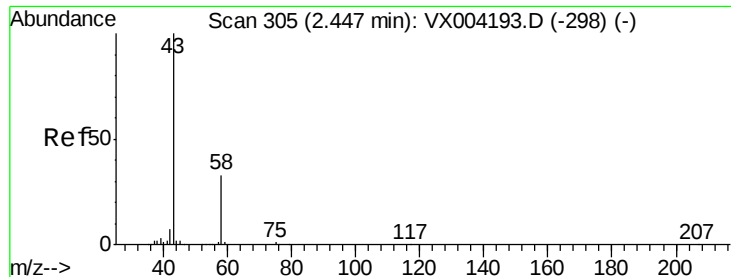
Ion Ratio Lower Upper

53 100

52 34.4 65.2 97.8#

51 59.2 28.2 42.2#





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampled :

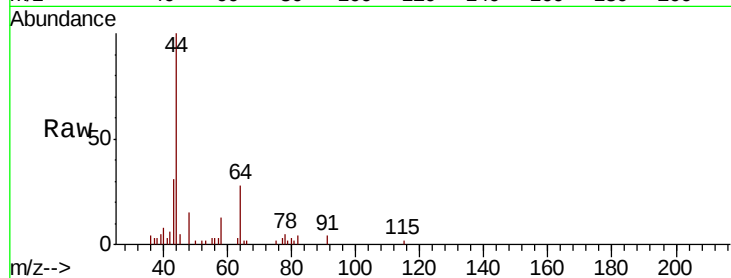
FL-0553DL

Tot Ion: 43 Resp: 1534

Ion Ratio Lower Upper

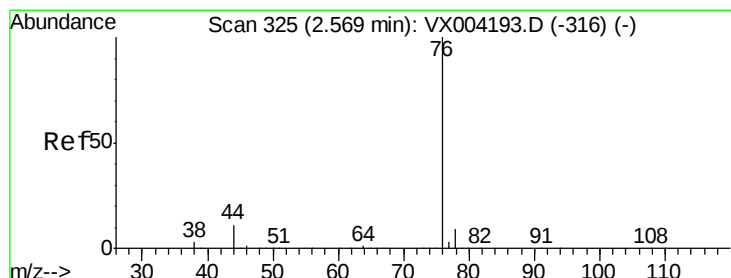
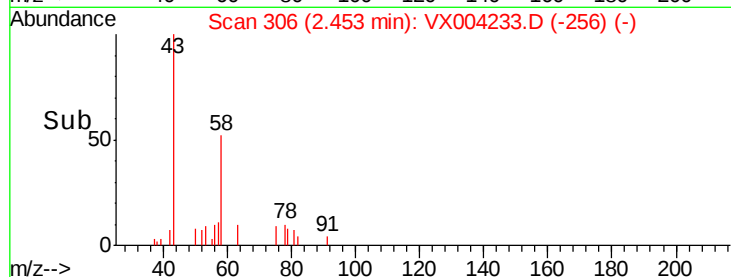
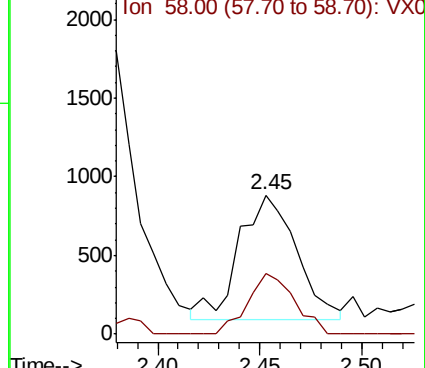
43 100

58 52.2 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.86 ug/l

RT: 2.56 min Scan# 323

Delta R.T. -0.01 min

Lab File: VX004233.D

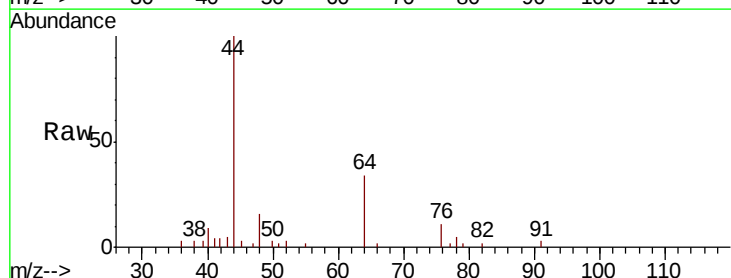
Acq: 23 Aug 2018 18:07

Tgt Ion: 76 Resp: 555

Ion Ratio Lower Upper

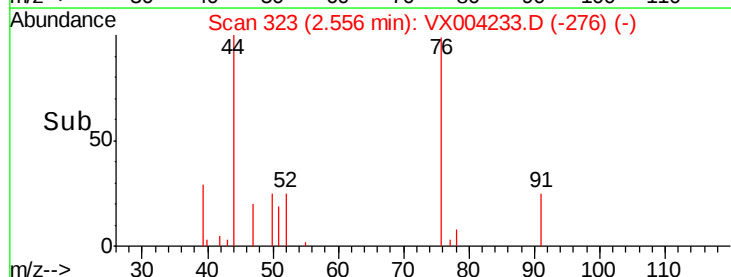
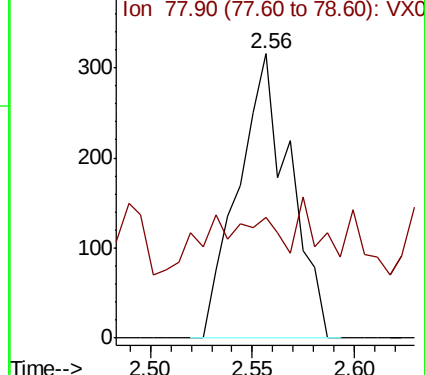
76 100

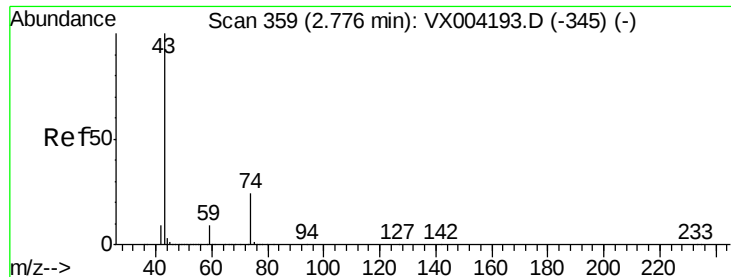
78 13.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

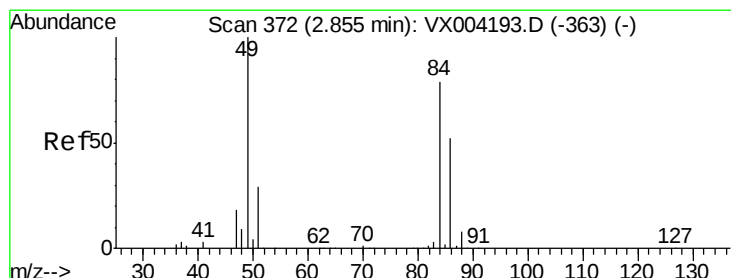
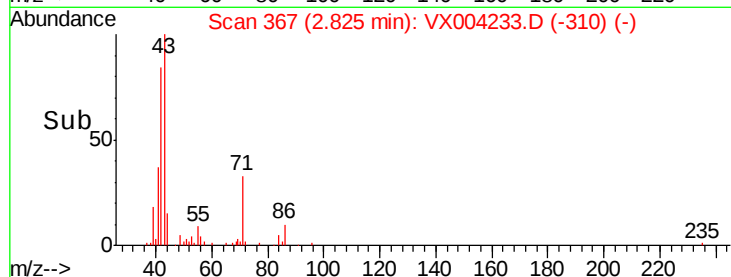
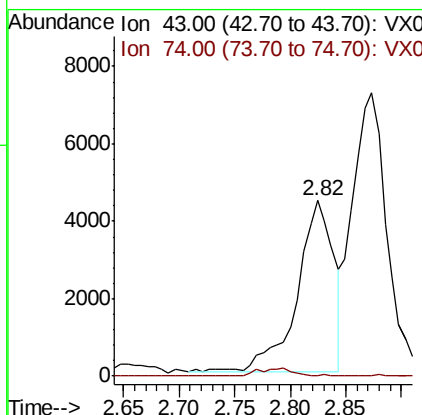
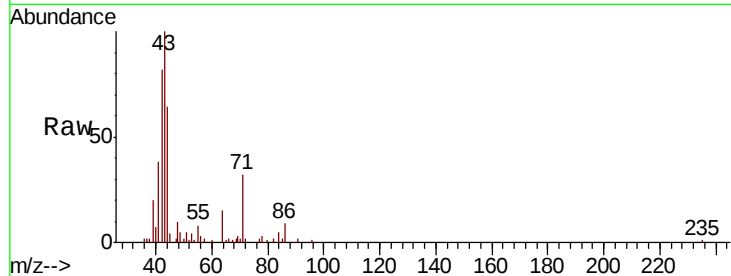




#18
Methyl Acetate
Concen: 1.78 ug/l
RT: 2.82 min Scan# 367
Delta R.T. 0.05 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

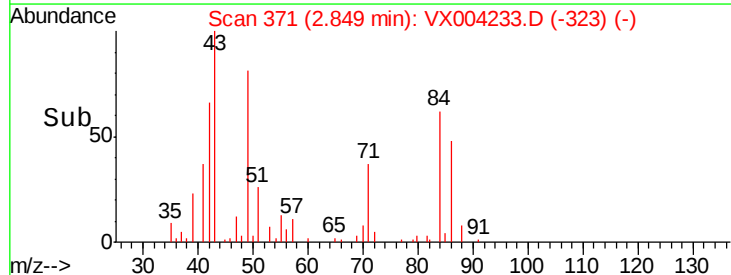
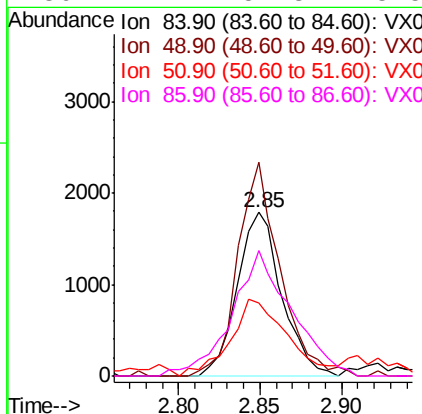
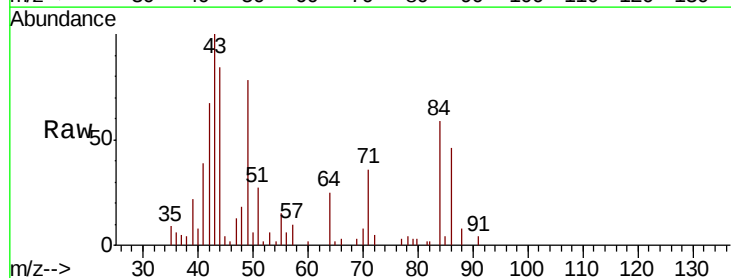
Instrument :
MSVOA_X
ClientSampleId :
FL-0553DL

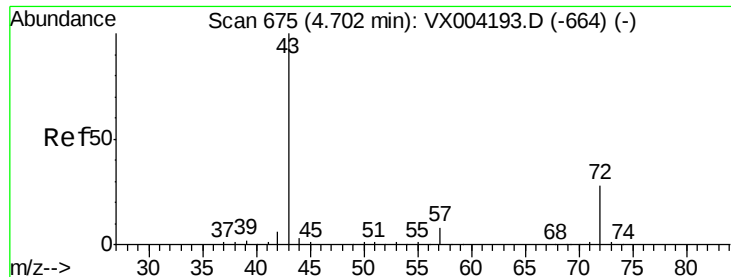
Tot Ion: 43 Resp: 10236
Ion Ratio Lower Upper
43 100
74 0.2 19.4 29.2#



#20
Methylene Chloride
Concen: 0.91 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

Tgt Ion: 84 Resp: 3396
Ion Ratio Lower Upper
84 100
49 130.6 101.2 151.8
51 40.0 29.5 44.3
86 71.4 52.3 78.5





#25

2-Butanone

Concen: Below Cal

RT: 4.72 min Scan# 678

Delta R.T. 0.02 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

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ClientSampleId :

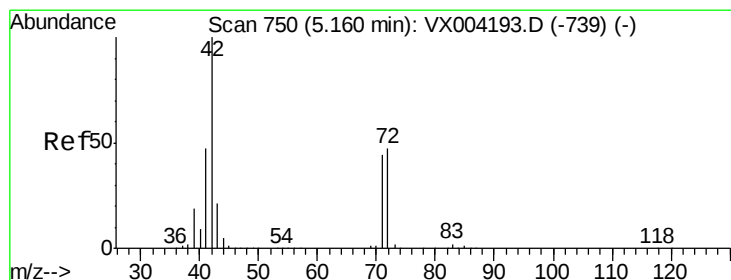
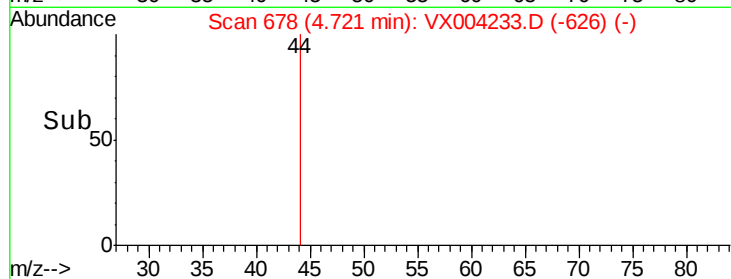
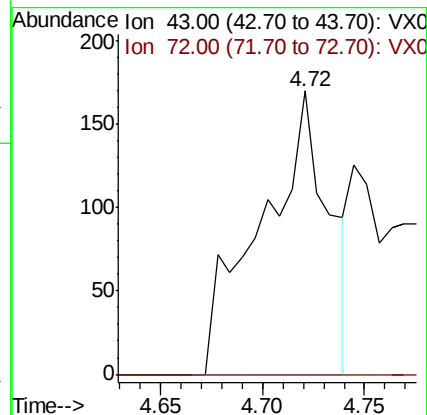
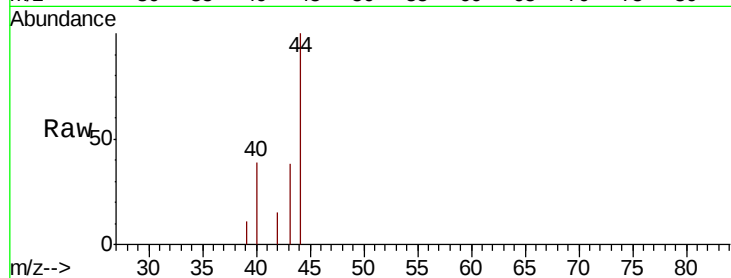
FL-0553DL

Tot Ion: 43 Resp: 390

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#29

Tetrahydrofuran

Concen: 0.56 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.02 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

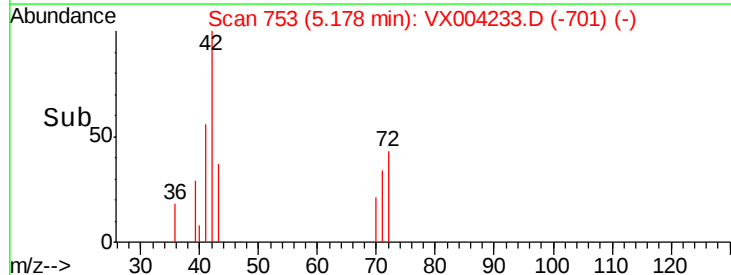
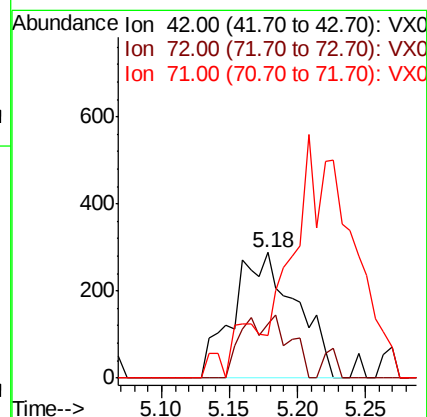
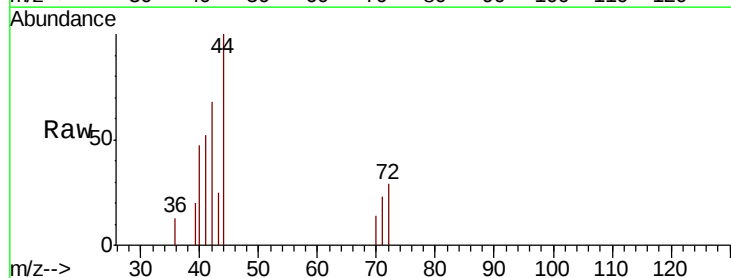
Tgt Ion: 42 Resp: 931

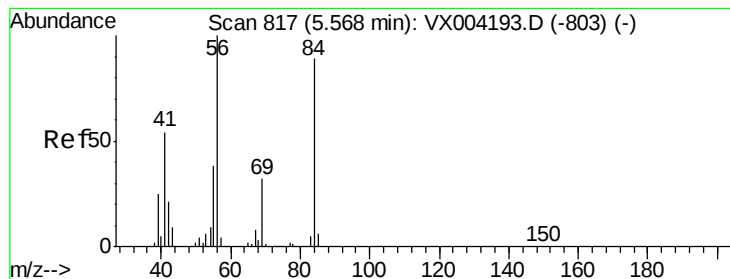
Ion Ratio Lower Upper

42 100

72 16.5 37.4 56.0#

71 26.7 34.5 51.7#





#31

Cyclohexane

Concen: 4.12 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.01 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0553DL

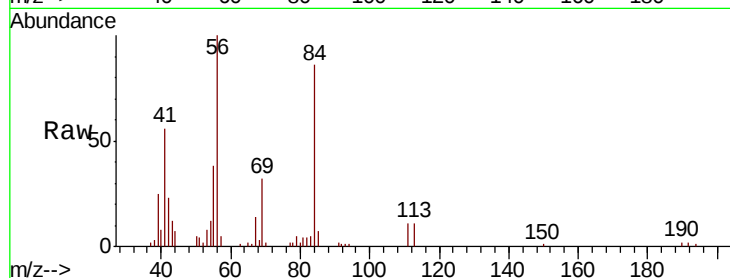
Tot Ion: 56 Resp: 22438

Ion Ratio Lower Upper

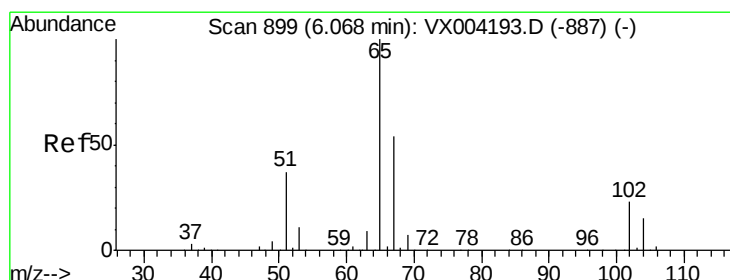
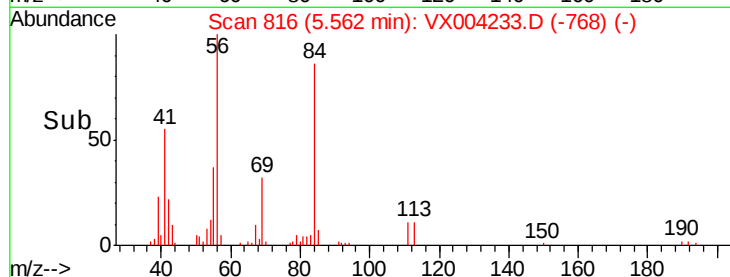
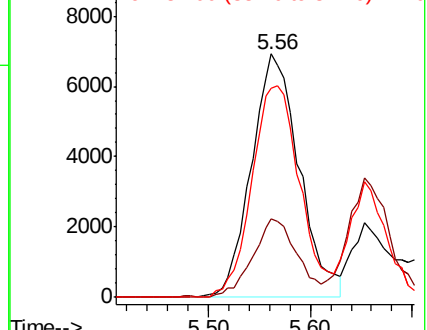
56 100

69 31.2 25.4 38.2

84 85.6 71.4 107.2



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



#33

1,2-Dichloroethane-d4

Concen: 49.84 ug/l

RT: 6.06 min Scan# 898

Delta R.T. -0.01 min

Lab File: VX004233.D

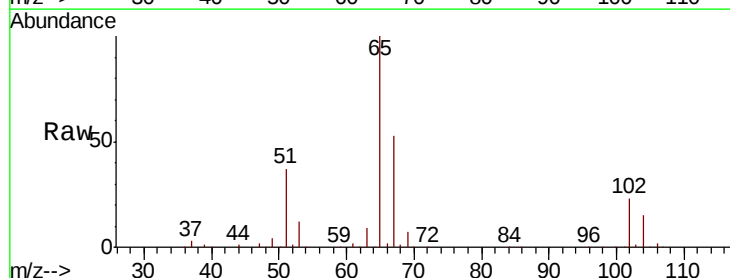
Acq: 23 Aug 2018 18:07

Tgt Ion: 65 Resp: 193567

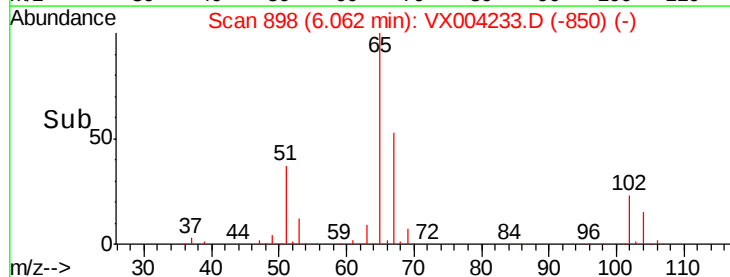
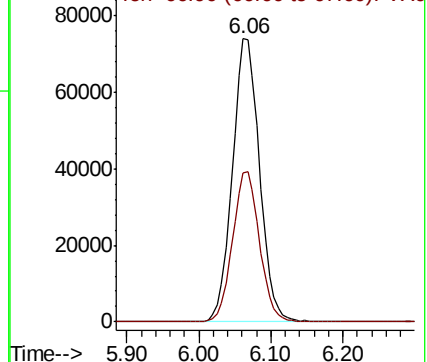
Ion Ratio Lower Upper

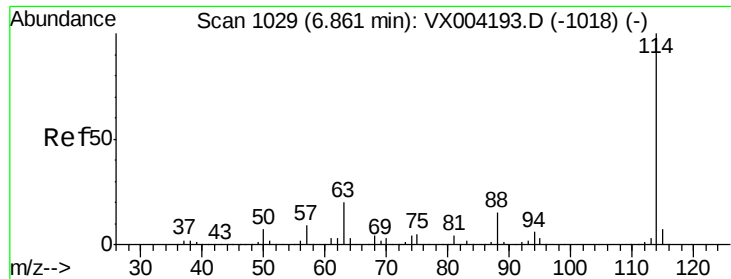
65 100

67 52.6 0.0 106.8



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

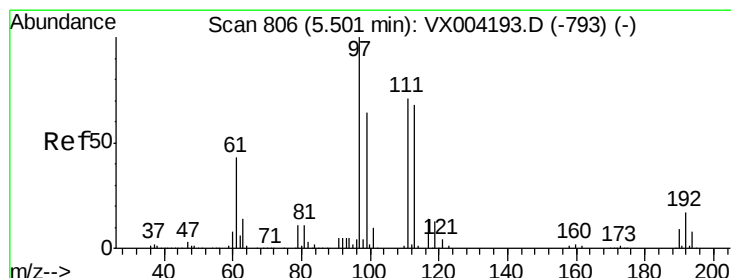
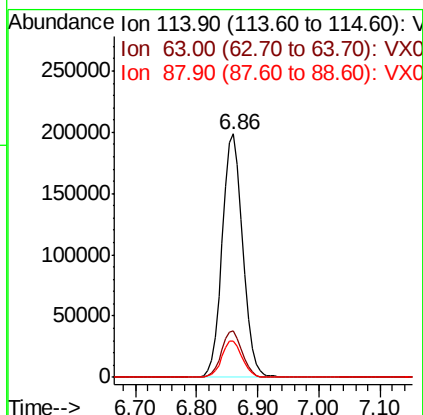
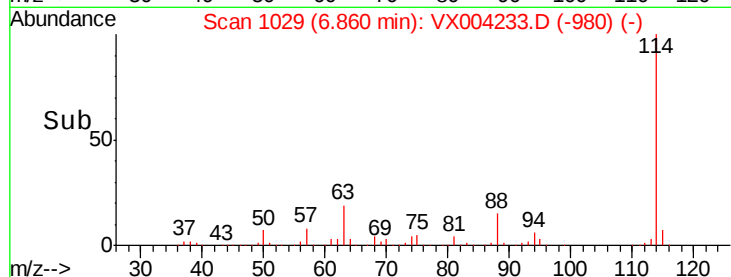
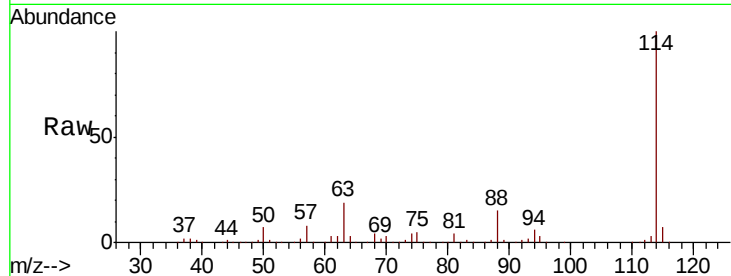




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

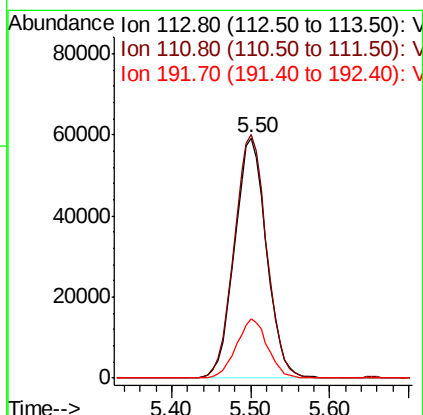
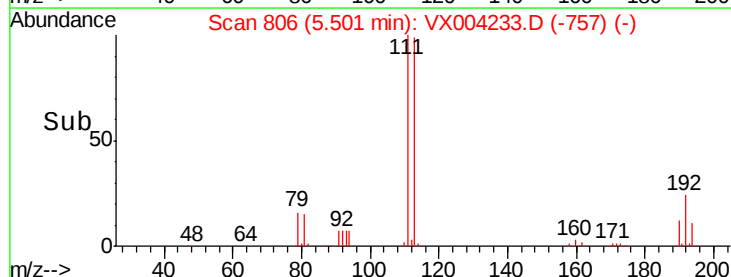
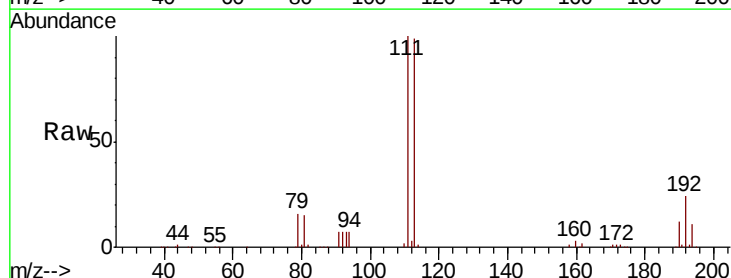
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0553DL

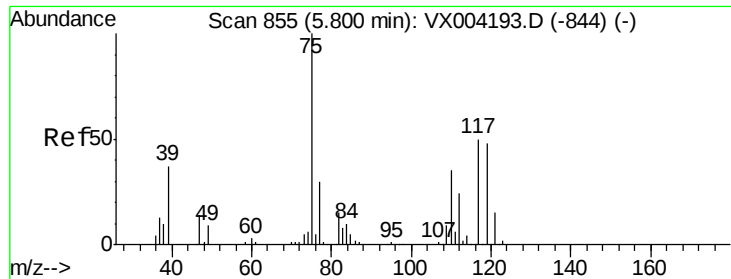
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.0
88	14.6	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 48.50 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	24.0	19.4	29.2

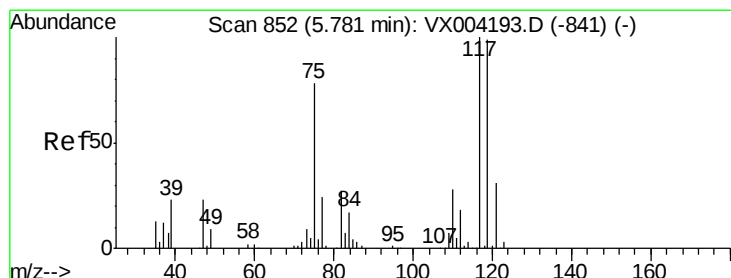
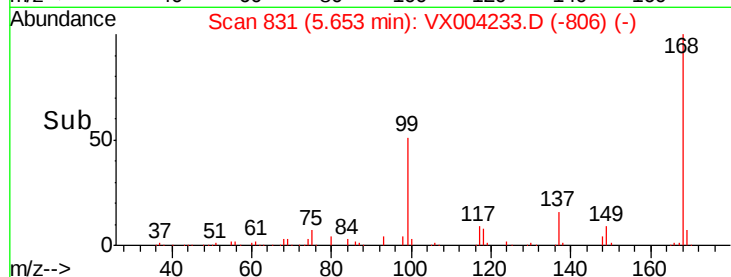
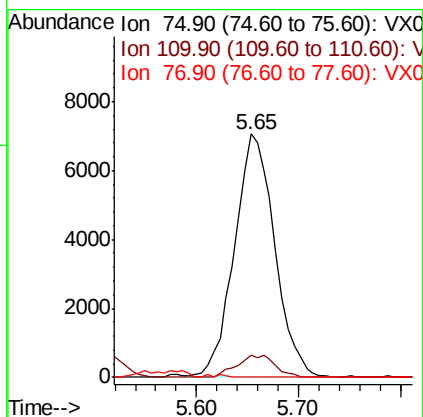
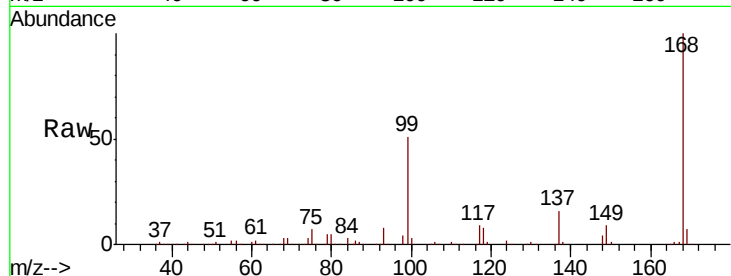




#36
 1,1-Dichloropropene
 Concen: 3.73 ug/l
 RT: 5.65 min Scan# 831
 Delta R.T. -0.15 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

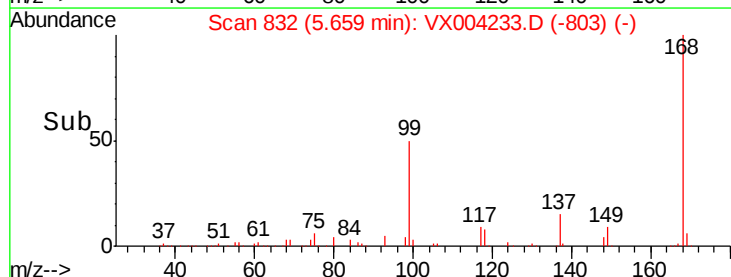
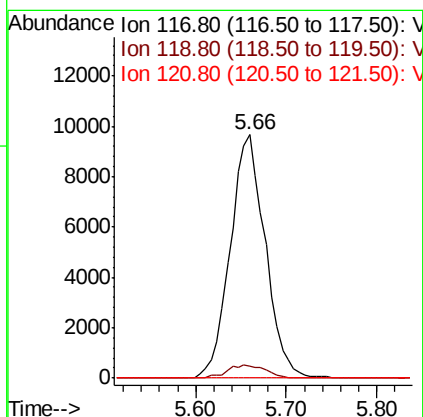
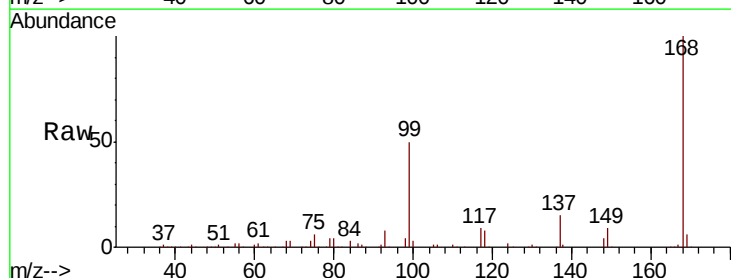
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0553DL

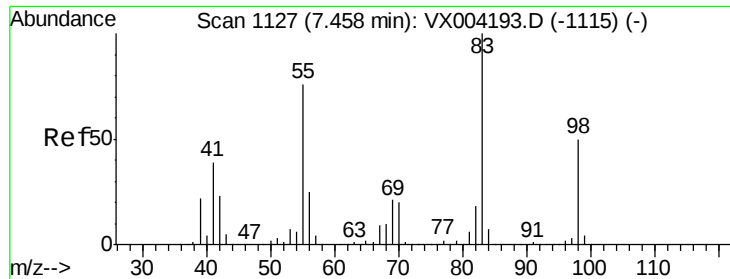
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.34 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.12 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.8	118.2#
121	0.0	24.9	37.3#

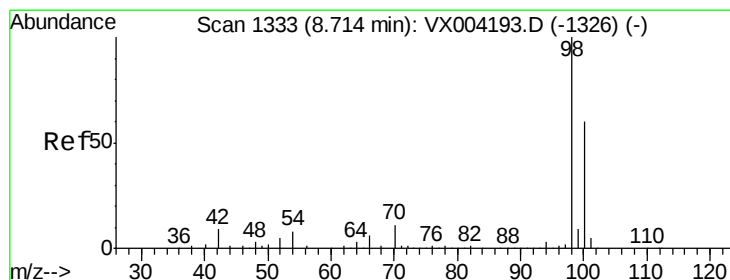
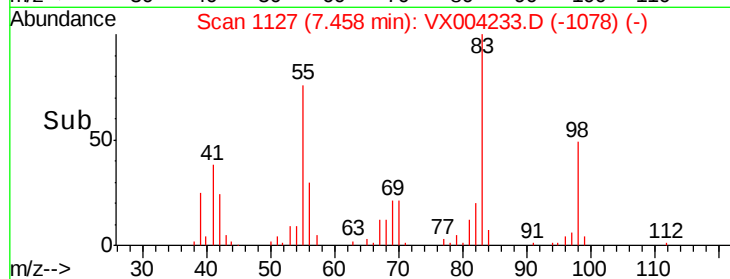
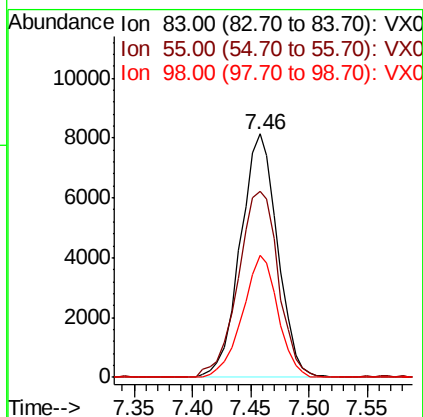
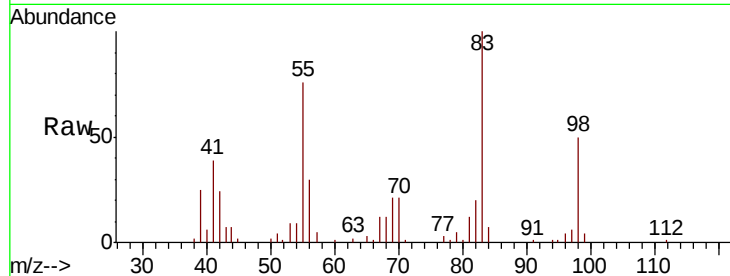




#39
Methvlcvclohexane
Concen: 3.05 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

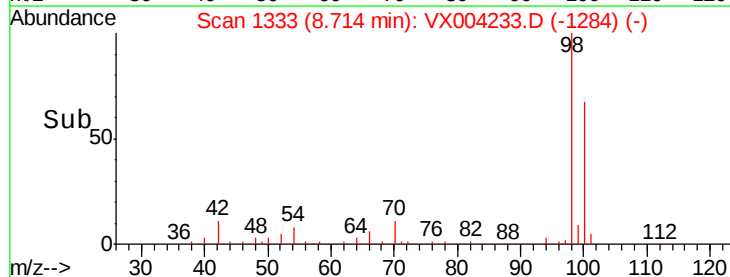
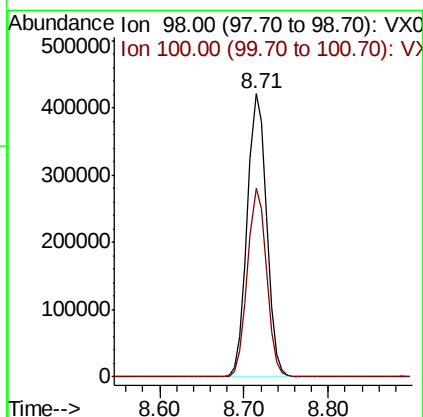
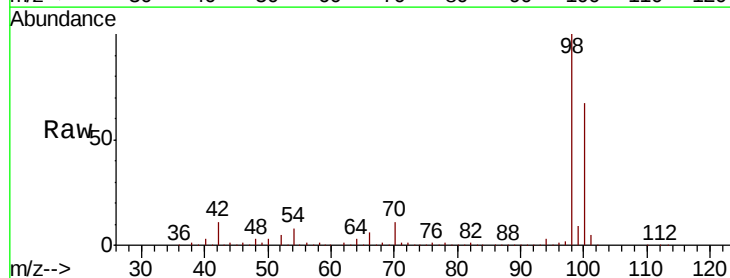
Instrument :
MSVOA_X
ClientSampled :
FL-0553DL

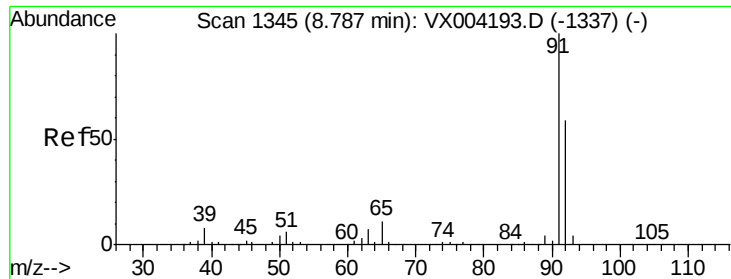
Tot Ion: 83 Resp: 18042
Ion Ratio Lower Upper
83 100
55 76.3 61.0 91.4
98 50.0 39.6 59.4



#50
Toluene-d8
Concen: 49.83 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

Tgt Ion: 98 Resp: 644780
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3





#52

Toluene

Concen: 4.00 ug/l

RT: 8.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

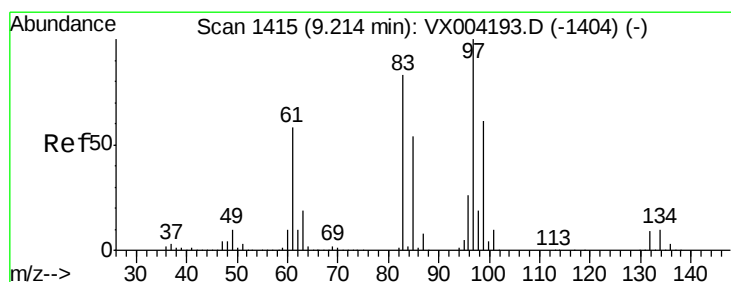
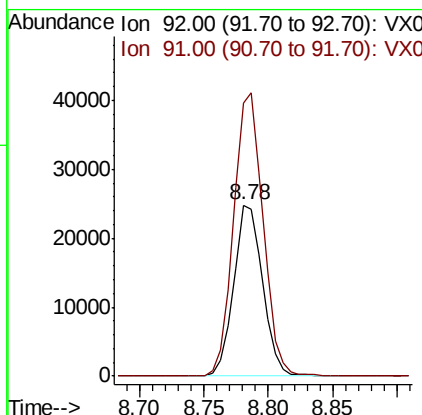
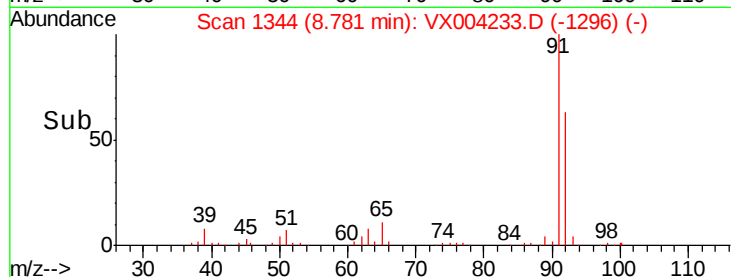
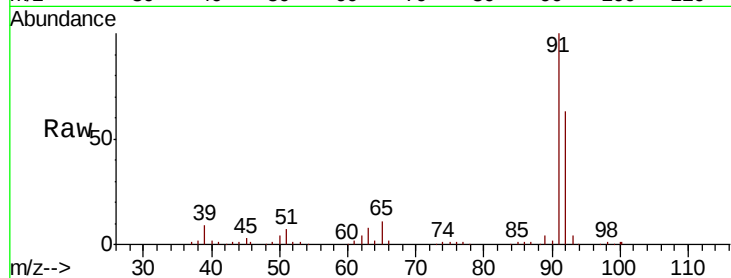
FL-0553DL

Tot Ion: 92 Resp: 38785

Ion Ratio Lower Upper

92 100

91 168.5 136.4 204.6



#55

1,1,2-Trichloroethane

Concen: 0.37 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Tgt Ion: 97 Resp: 1455

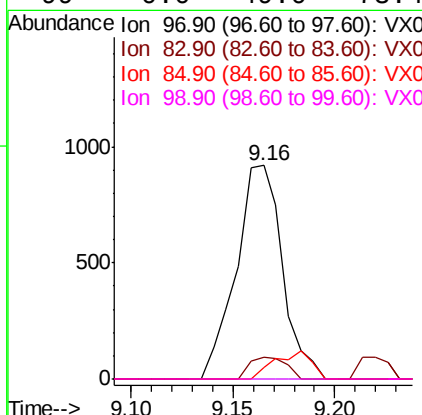
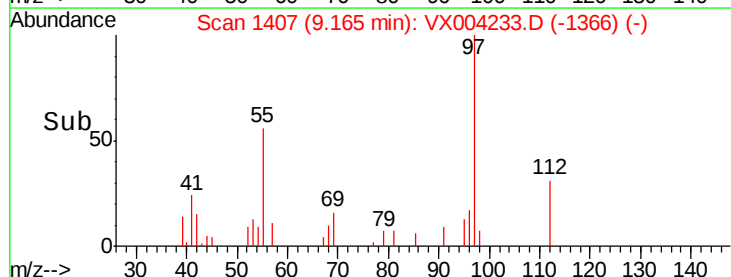
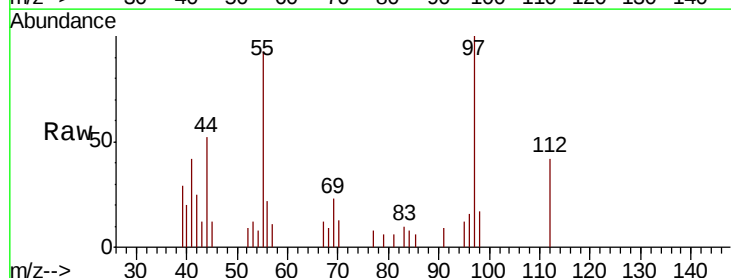
Ion Ratio Lower Upper

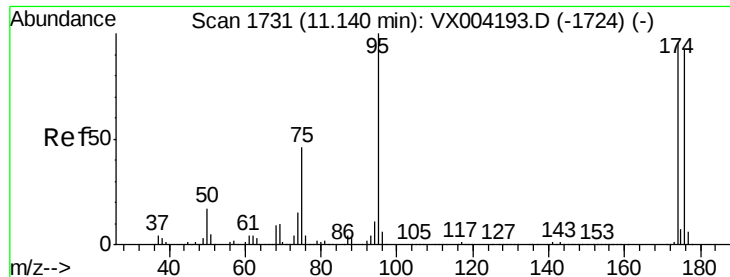
97 100

83 10.2 66.4 99.6#

85 5.7 43.3 64.9#

99 0.0 49.0 73.4#

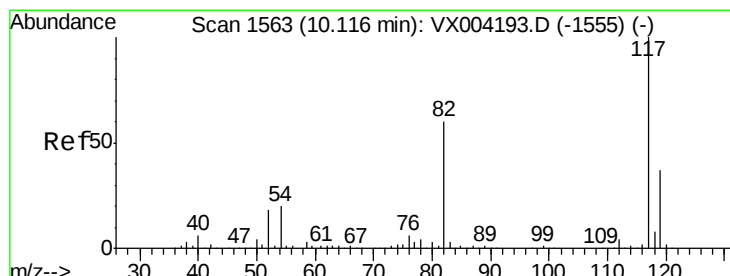
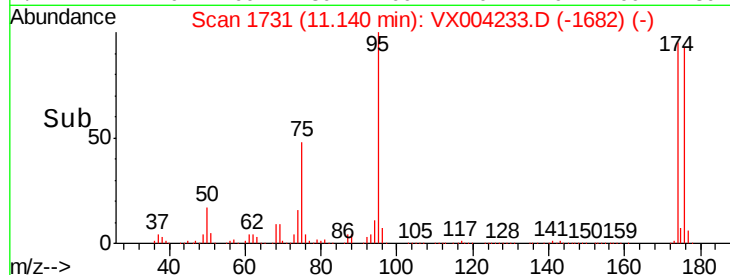
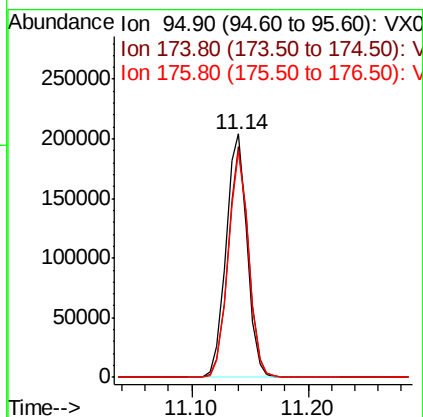
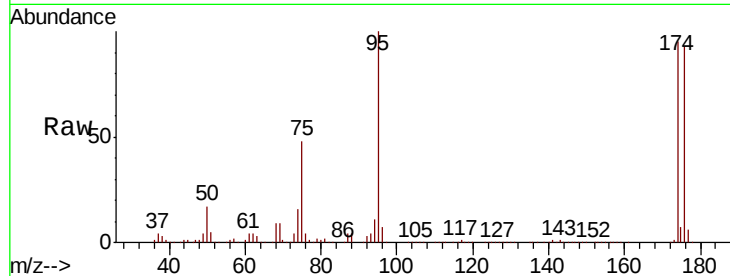




#62
 4-Bromofluorobenzene
 Concen: 52.73 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

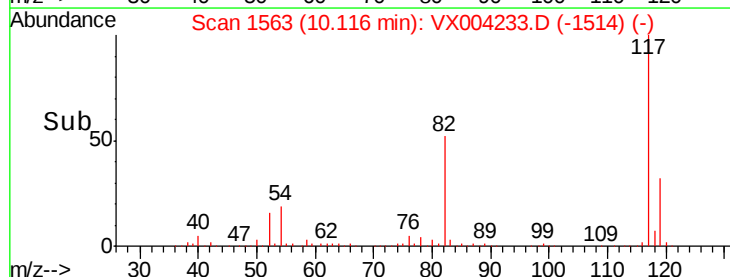
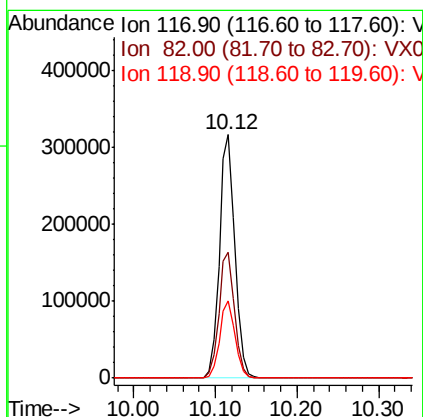
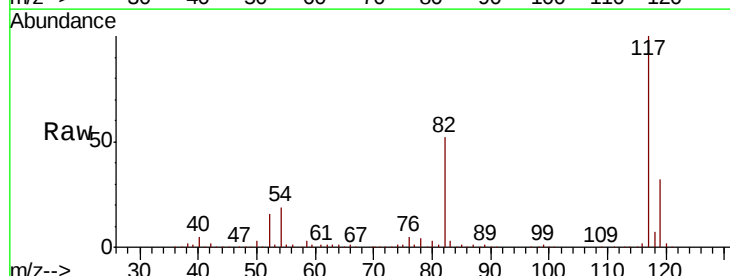
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0553DL

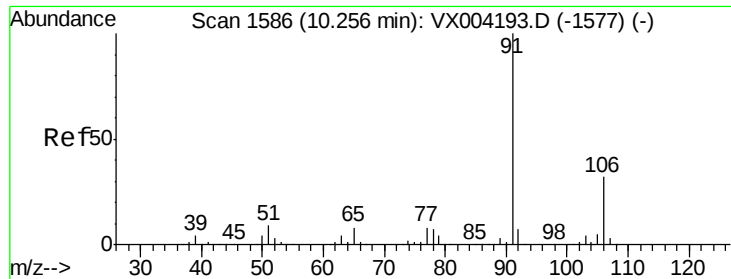
Tot Ion: 95 Resp: 254612
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 185.2
 176 90.0 0.0 178.6



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

Tgt Ion: 117 Resp: 418577
 Ion Ratio Lower Upper
 117 100
 82 51.9 47.8 71.6
 119 31.6 29.3 43.9





#67

Ethyl Benzene

Concen: 15.39 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampled :

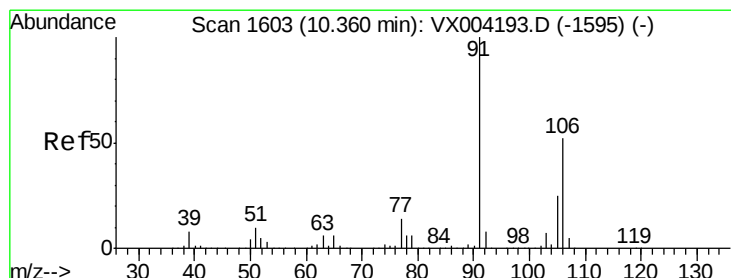
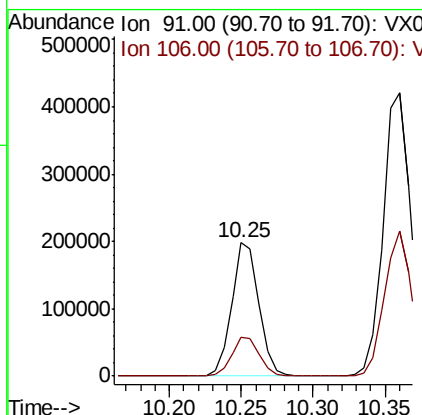
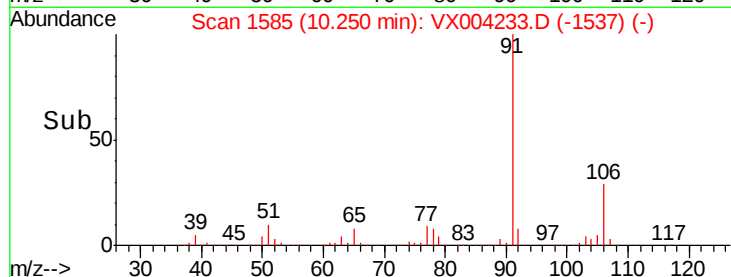
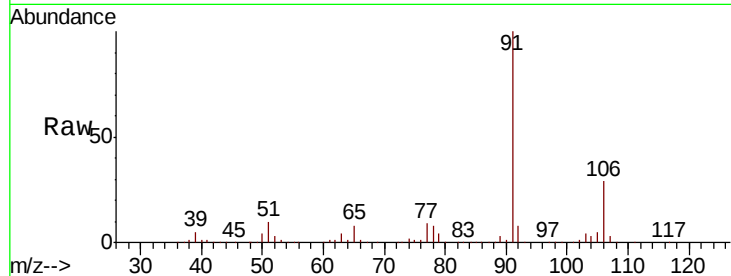
FL-0553DL

Tot Ion: 91 Resp: 262595

Ion Ratio Lower Upper

91 100

106 29.3 25.9 38.9



#68

m/p-Xylenes

Concen: 42.39 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004233.D

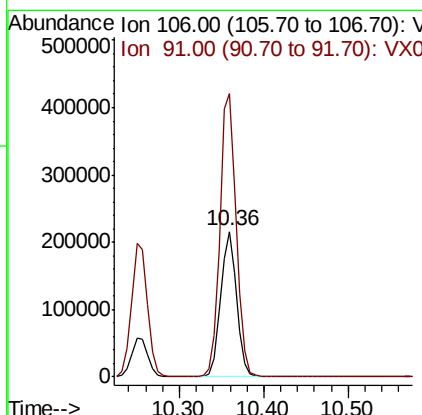
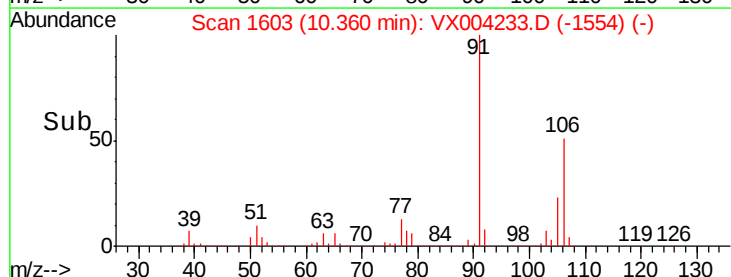
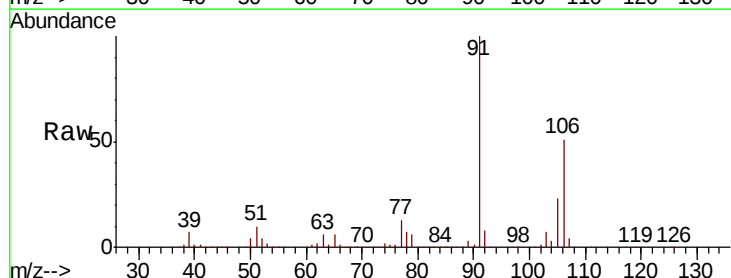
Acq: 23 Aug 2018 18:07

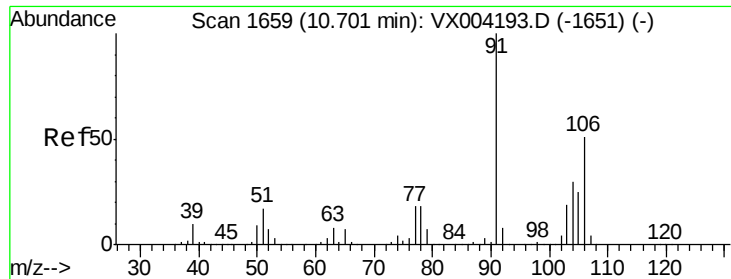
Tgt Ion:106 Resp: 282800

Ion Ratio Lower Upper

106 100

91 198.6 157.1 235.7

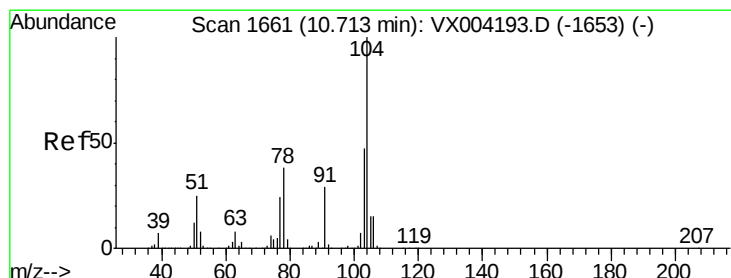
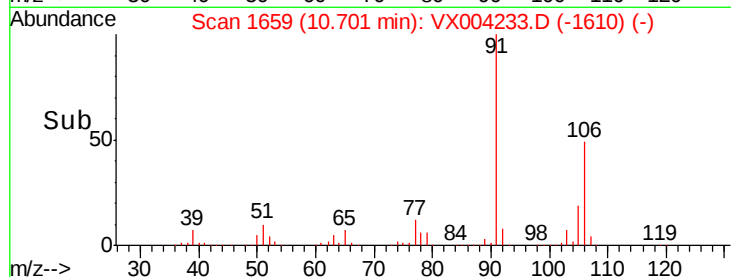
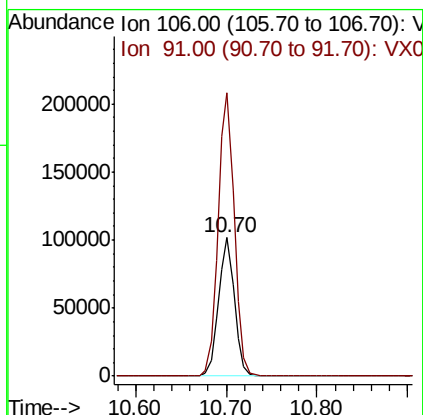
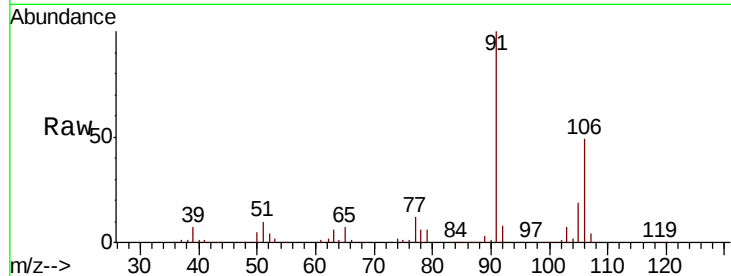




#69
o-Xylene
Concen: 19.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

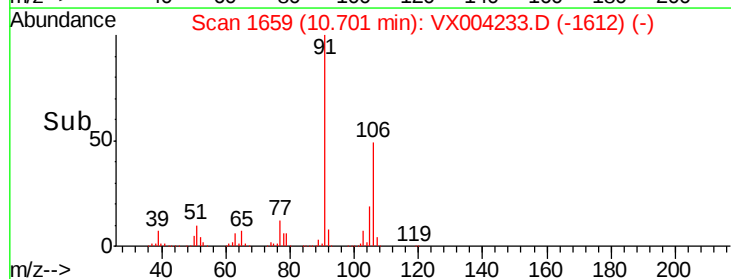
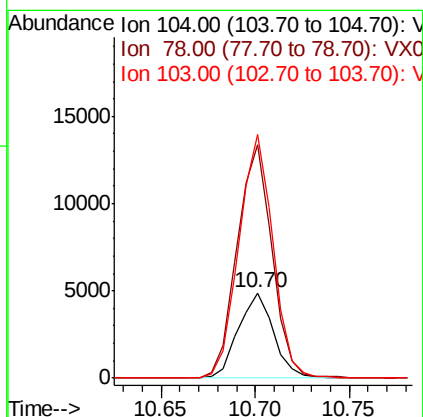
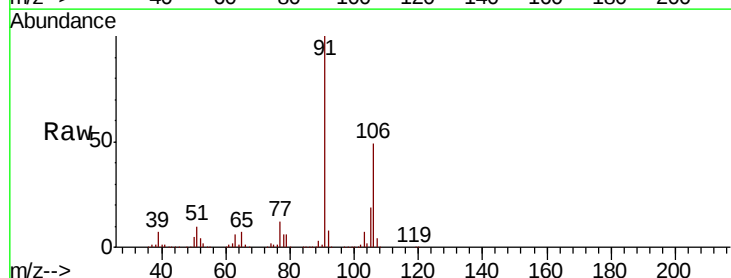
Instrument :
MSVOA_X
ClientSampled :
FL-0553DL

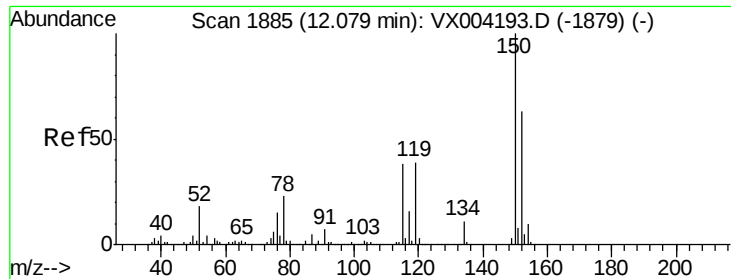
Tot Ion:106 Resp: 124998
Ion Ratio Lower Upper
106 100
91 208.2 105.1 315.1



#70
Styrene
Concen: 0.62 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

Tgt Ion:104 Resp: 6318
Ion Ratio Lower Upper
104 100
78 271.7 37.4 56.0#
103 276.2 43.8 65.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0553DL

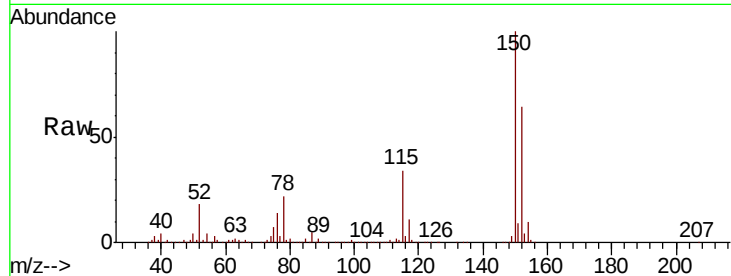
Tot Ion:152 Resp: 273457

Ion Ratio Lower Upper

152 100

115 55.0 39.0 117.0

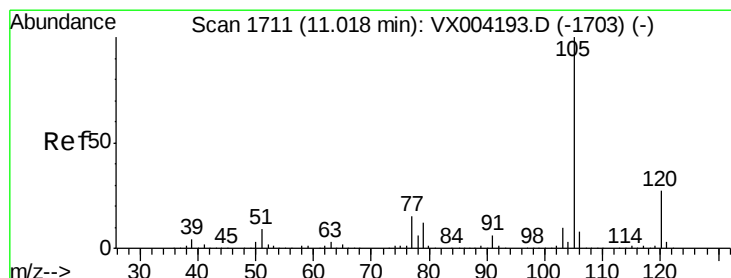
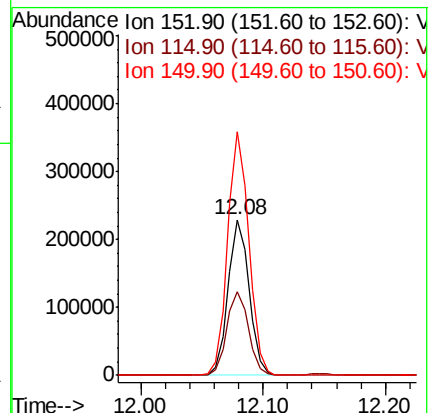
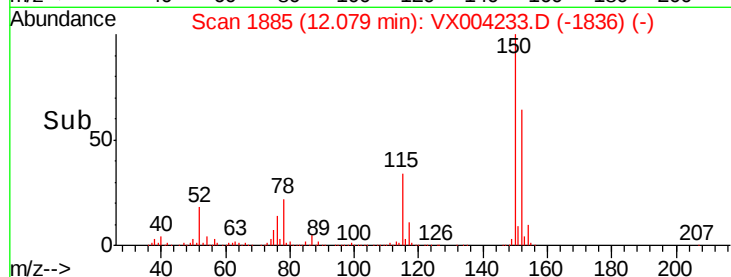
150 157.1 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.55 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004233.D

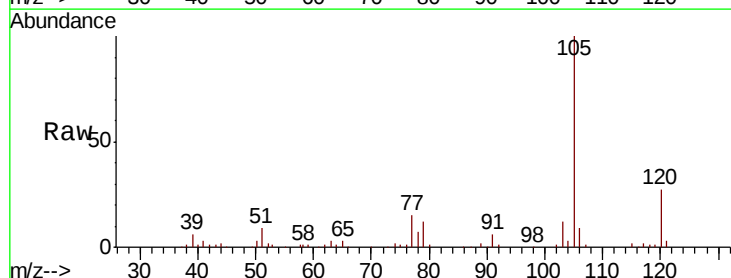
Acq: 23 Aug 2018 18:07

Tgt Ion:105 Resp: 27895

Ion Ratio Lower Upper

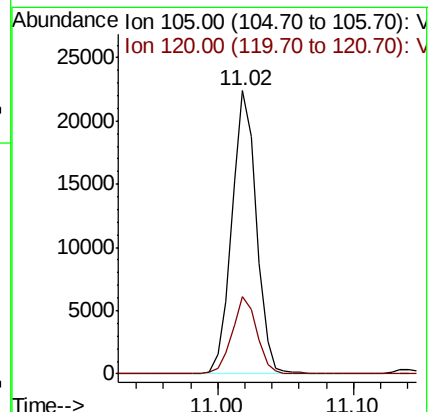
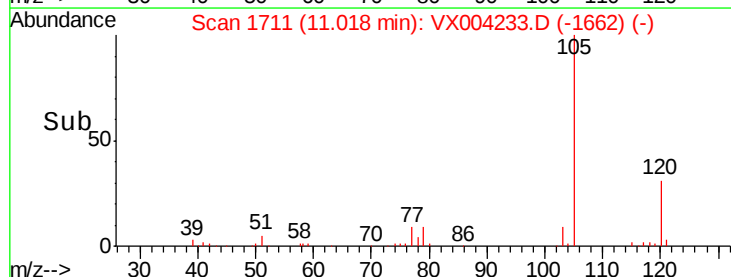
105 100

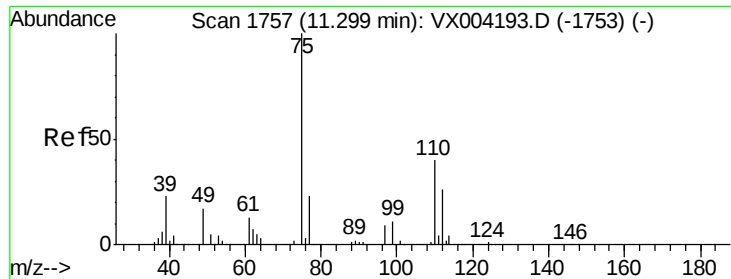
120 27.4 13.5 40.4



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: 21.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampled :

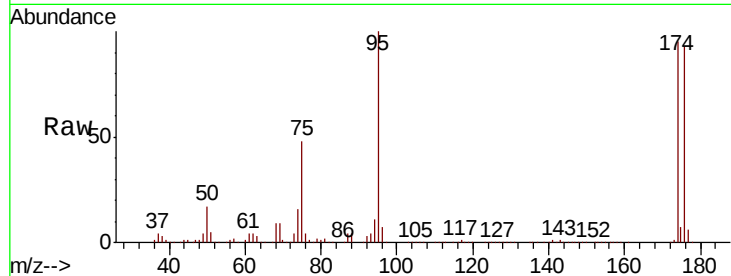
FL-0553DL

Tot Ion: 75 Resp: 121245

Ion Ratio Lower Upper

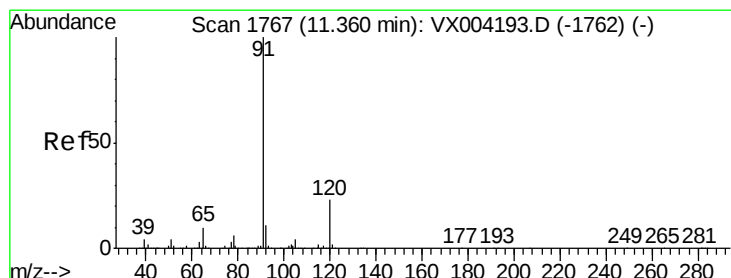
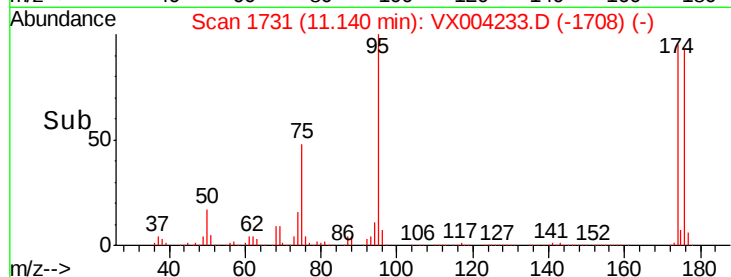
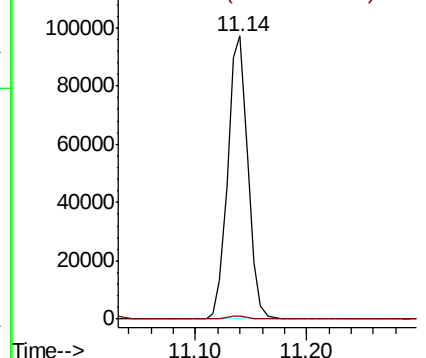
75 100

77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 1.92 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004233.D

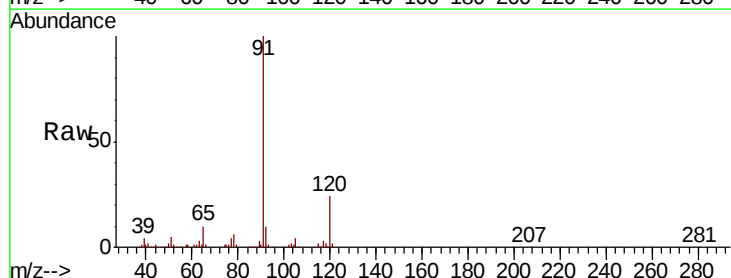
Acq: 23 Aug 2018 18:07

Tgt Ion: 91 Resp: 39747

Ion Ratio Lower Upper

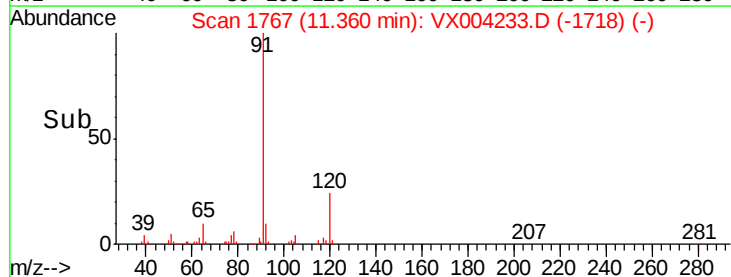
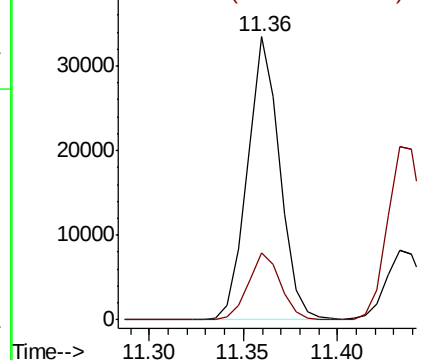
91 100

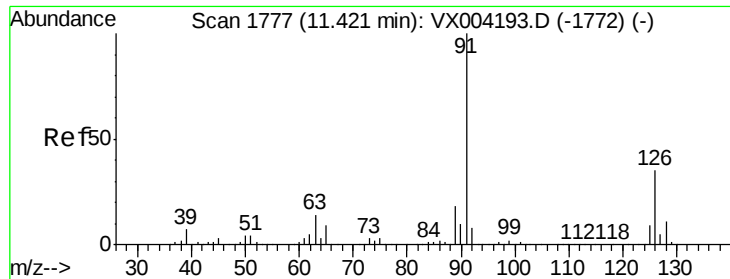
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.22 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampled :

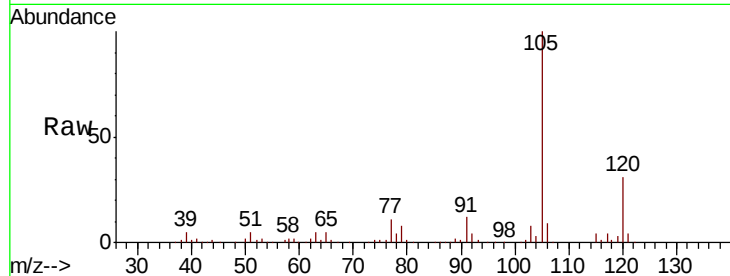
FL-0553DL

Tot Ion: 91 Resp: 15549

Ion Ratio Lower Upper

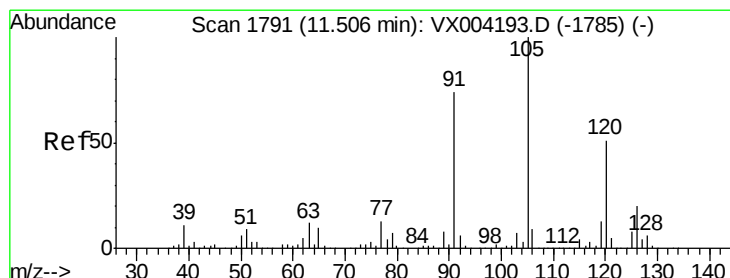
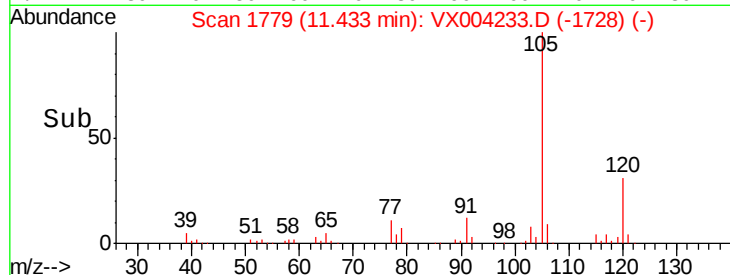
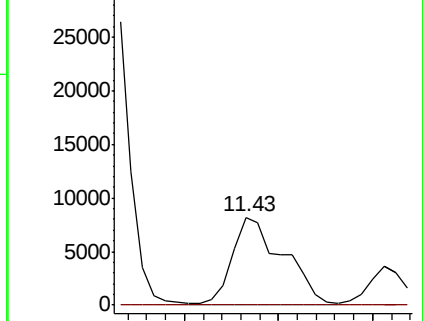
91 100

126 0.2 17.9 53.7#



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: 2.97 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004233.D

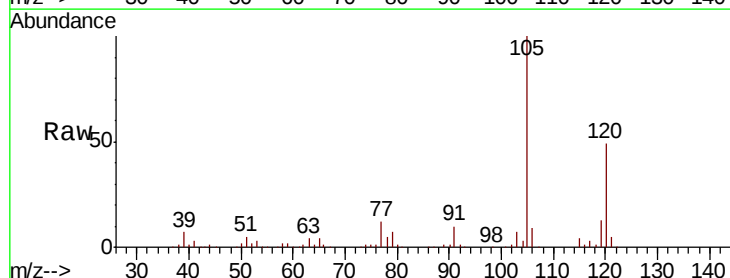
Acq: 23 Aug 2018 18:07

Tgt Ion:105 Resp: 44185

Ion Ratio Lower Upper

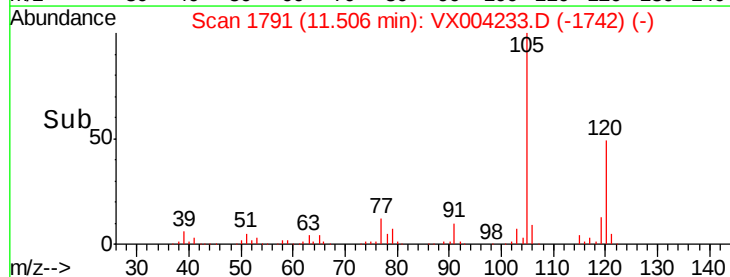
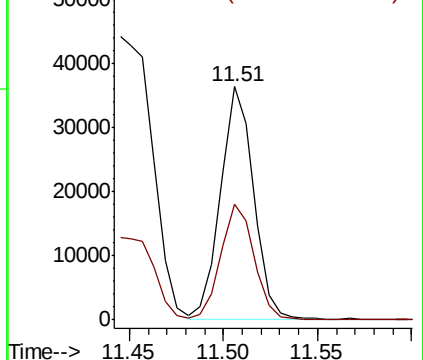
105 100

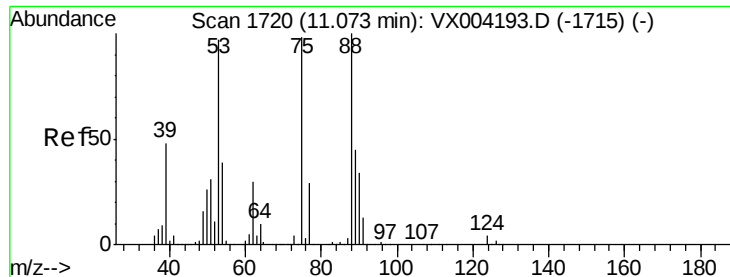
120 50.7 25.6 76.8



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: 70.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.07 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0553DL

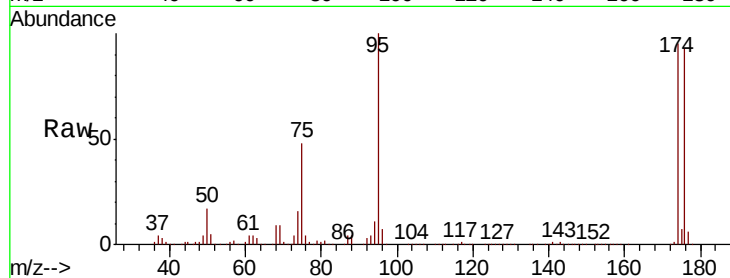
Tot Ion: 75 Resp: 121245

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

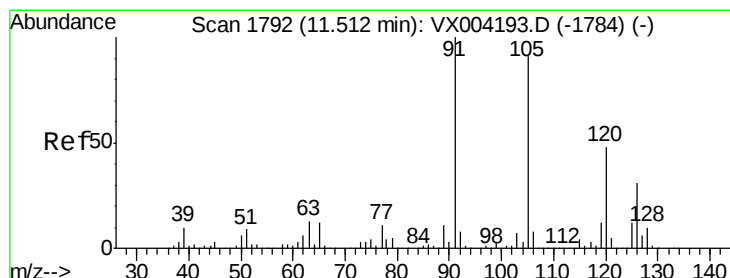
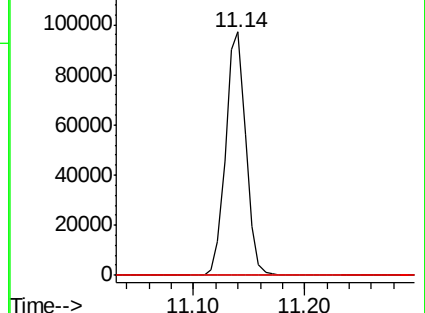
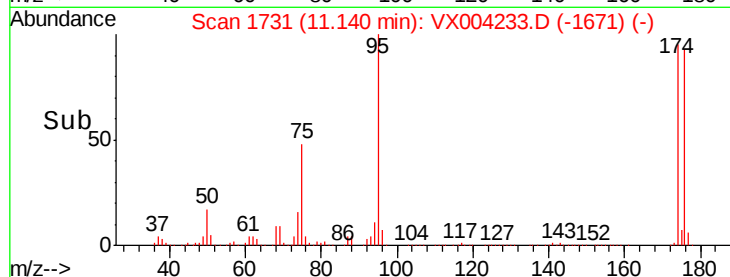
89 0.0 37.2 55.8#



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: 0.33 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX004233.D

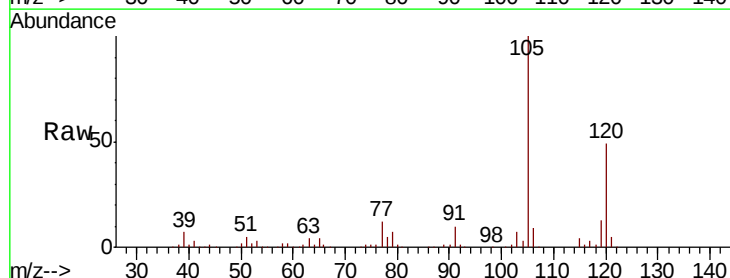
Acq: 23 Aug 2018 18:07

Tgt Ion: 91 Resp: 4910

Ion Ratio Lower Upper

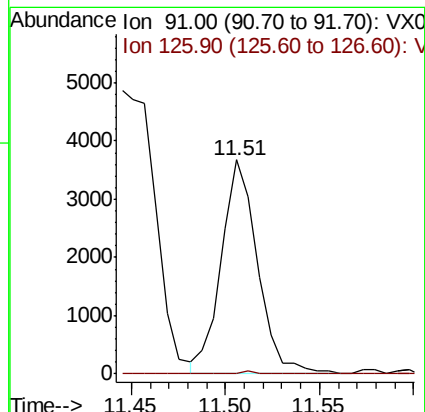
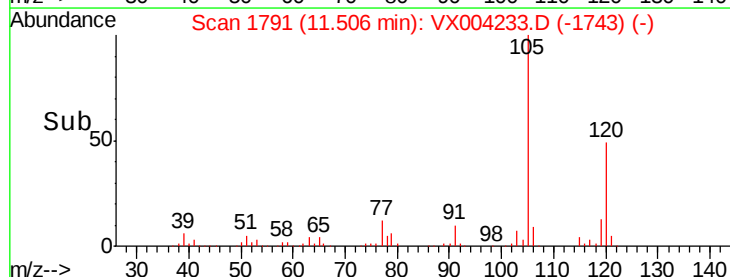
91 100

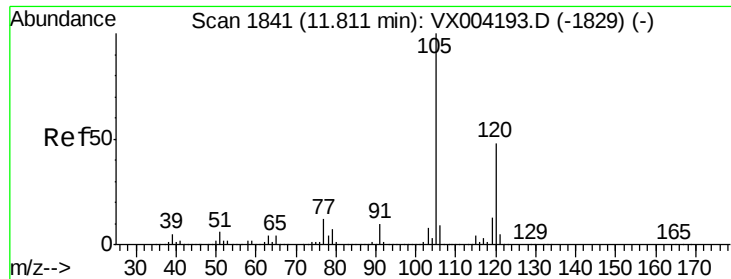
126 0.4 15.5 46.5#



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: 12.74 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004233.D

Acq: 23 Aug 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

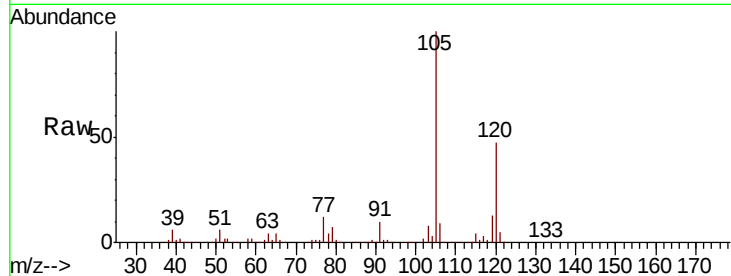
FL-0553DL

Tot Ion:105 Resp: 194520

Ion Ratio Lower Upper

105 100

120 48.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

150000

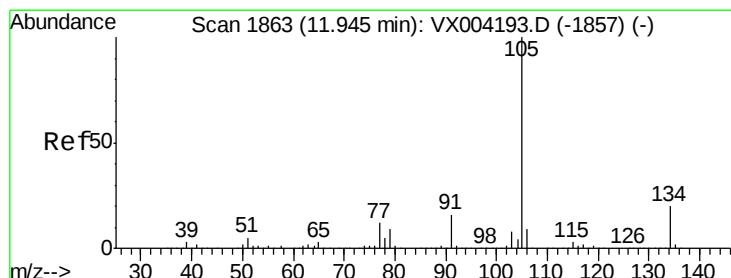
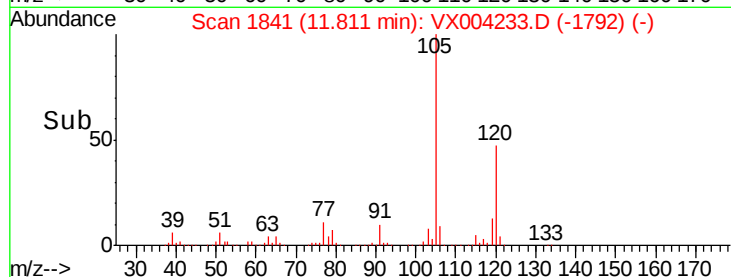
100000

50000

0

Time-->

11.75 11.80 11.85 11.90



#85

sec-Butylbenzene

Concen: 10.95 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.13 min

Lab File: VX004233.D

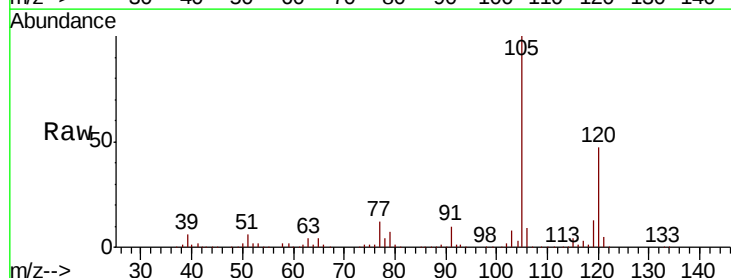
Acq: 23 Aug 2018 18:07

Tgt Ion:105 Resp: 194520

Ion Ratio Lower Upper

105 100

134 0.1 10.5 31.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.81

150000

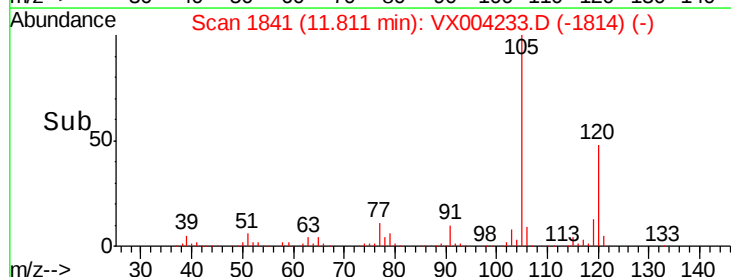
100000

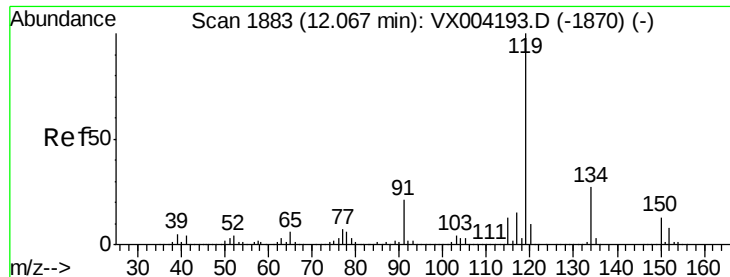
50000

0

Time-->

11.75 11.80 11.85 11.90

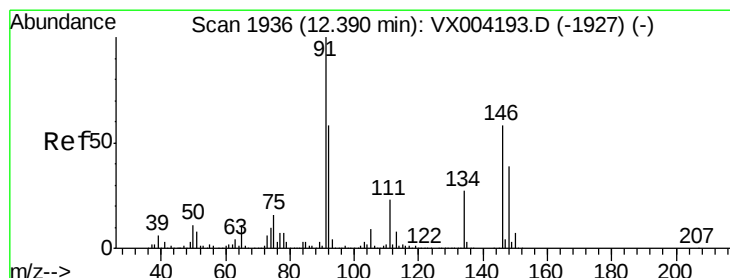
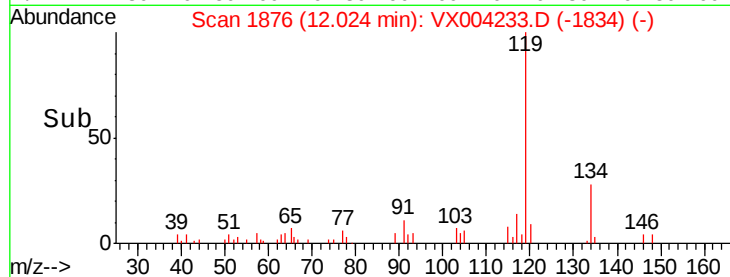
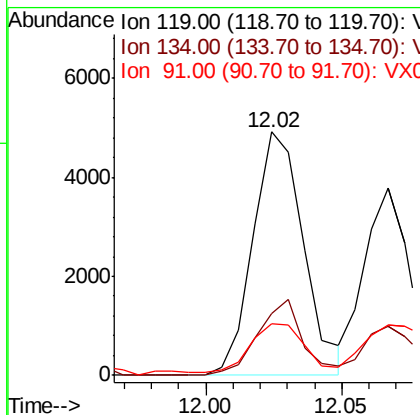
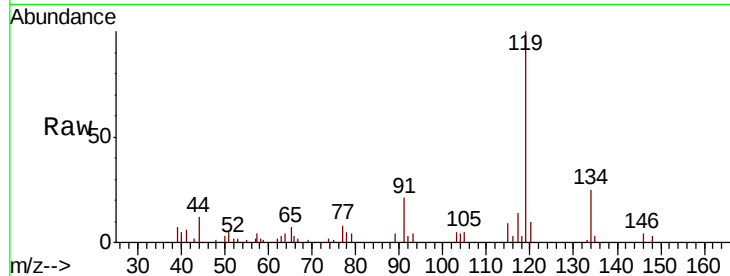




#86
 p-Isopropyltoluene
 Concen: 0.40 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.04 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

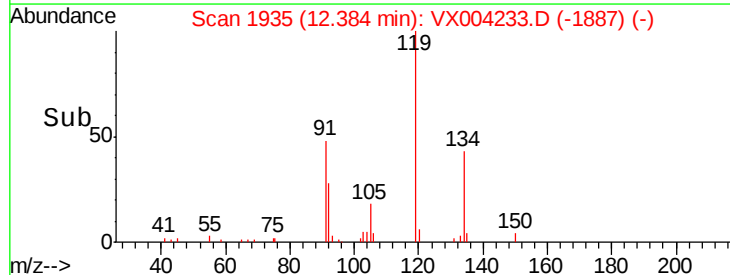
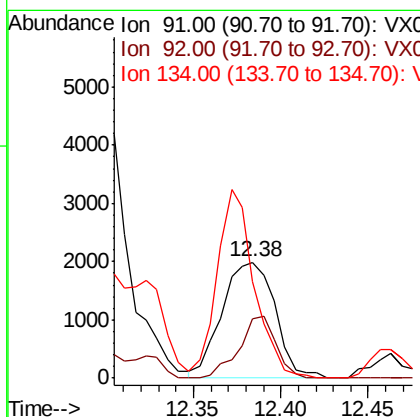
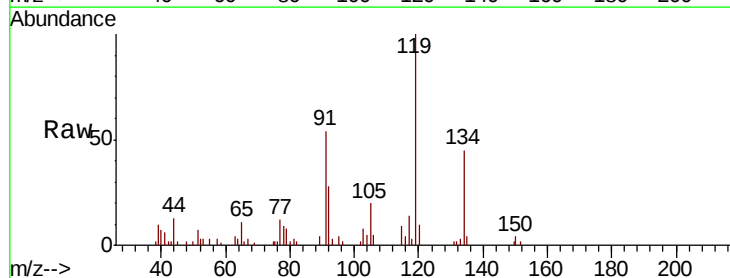
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0553DL

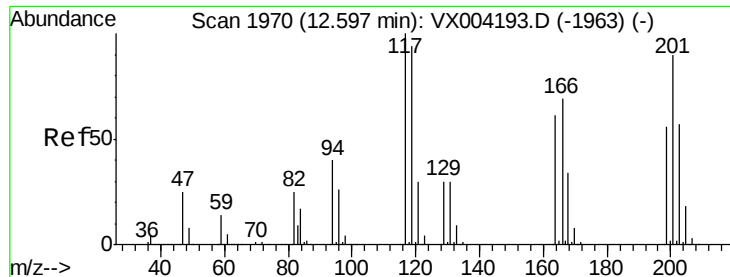
Tot Ion: 119 Resp: 6362
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.4 40.2
 91 21.3 10.9 32.7



#89
 n-Butylbenzene
 Concen: 0.33 ug/l
 RT: 12.38 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: VX004233.D
 Acq: 23 Aug 2018 18:07

Tgt Ion: 91 Resp: 4217
 Ion Ratio Lower Upper
 91 100
 92 36.6 27.3 81.9
 134 113.5 13.6 40.7#

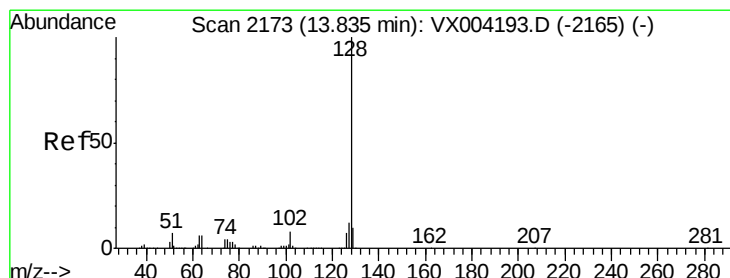
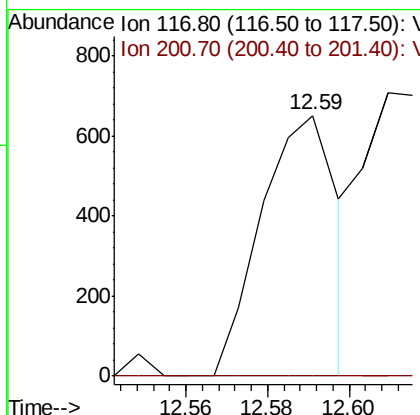
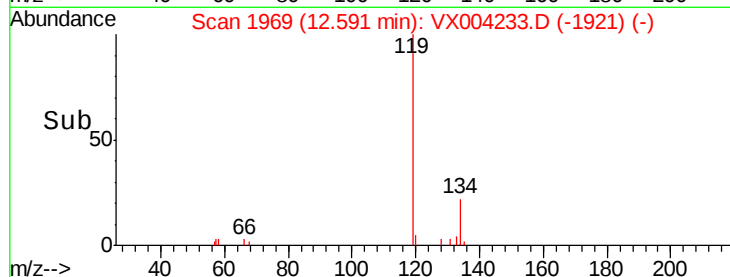
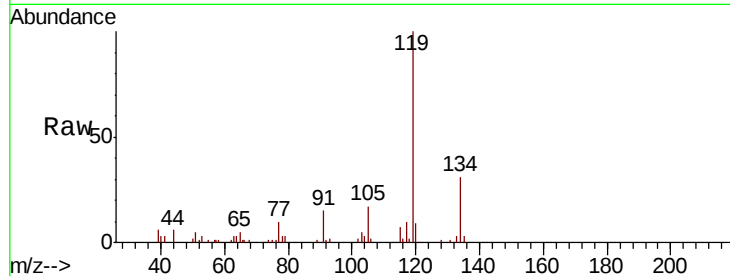




#90
Hexachloroethane
Concen: 0.38 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
FL-0553DL

Tot Ion:117 Resp: 840
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#



#95
Naphthalene
Concen: 3.90 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004233.D
Acq: 23 Aug 2018 18:07

Tgt Ion:128 Resp: 69516
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.1 8.6 12.8

