

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004035.D
 Acq On : 14 Aug 2018 17:17
 Operator : JC/MD
 Sample : J4429-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540DL

Quant Time: Aug 15 09:26:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	490074	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	463043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	267528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213271	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.51	113	176615	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.72	98	709873	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.14	95	258155	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds						Qvalue
3) Chloromethane	1.32	50	1170	0.314	ug/l #	82
5) Bromomethane	1.65	94	1291	0.454	ug/l	86
10) Methyl Iodide	2.52	142	1416	5.348	ug/l	93
11) Tert butyl alcohol	3.04	59	203	0.229	ug/l #	73
13) Acrolein	2.40	56	17851	39.346	ug/l #	78
14) Allyl chloride	2.85	41	58648	9.383	ug/l #	66
15) Acrylonitrile	3.17	53	11521	5.216	ug/l #	42
16) Acetone	2.40	43	50361	22.016	ug/l #	52
17) Carbon Disulfide	2.57	76	2340	0.251	ug/l	99
18) Methyl Acetate	2.85	43	148221	29.159	ug/l #	52
20) Methylene Chloride	2.86	84	2259	Below Cal	#	1
25) 2-Butanone	4.69	43	1748	0.470	ug/l #	85
29) Tetrahydrofuran	5.15	42	1165	0.613	ug/l #	52
30) Chloroform	5.26	83	1701	0.251	ug/l #	1
31) Cyclohexane	5.58	56	194143	31.923	ug/l	99
36) 1,1-Dichloropropene	5.67	75	21242	3.809	ug/l #	49
38) Carbon Tetrachloride	5.67	117	28316	5.226	ug/l #	16
39) Methylcyclohexane	7.46	83	197922	31.284	ug/l	98
43) Isopropyl Acetate	6.46	43	3615	0.404	ug/l #	60
45) 1,2-Dichloropropane	7.46	63	2458	0.573	ug/l #	1
48) Methyl methacrylate	7.73	41	10390	2.306	ug/l #	57
51) 4-Methyl-2-Pentanone	8.67	43	2061	0.281	ug/l #	34
55) 1,1,2-Trichloroethane	9.16	97	7407	1.694	ug/l #	18
56) Ethyl methacrylate	9.16	69	1882	0.316	ug/l #	1
67) Ethyl Benzene	10.26	91	261326	13.797	ug/l	99
68) m/p-Xylenes	10.37	106	93843	12.653	ug/l	99
69) o-Xylene	10.70	106	2251	0.318	ug/l	93
73) Isopropylbenzene	11.02	105	92276	5.097	ug/l	97
74) N-amyl acetate	6.46	43	3615	0.425	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	123063	22.938	ug/l #	36
78) n-propylbenzene	11.36	91	203628	10.050	ug/l	99
79) 2-Chlorotoluene	11.46	91	36987	2.996	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	227854	15.371	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	123063	71.005	ug/l #	9

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ClientSampleId :
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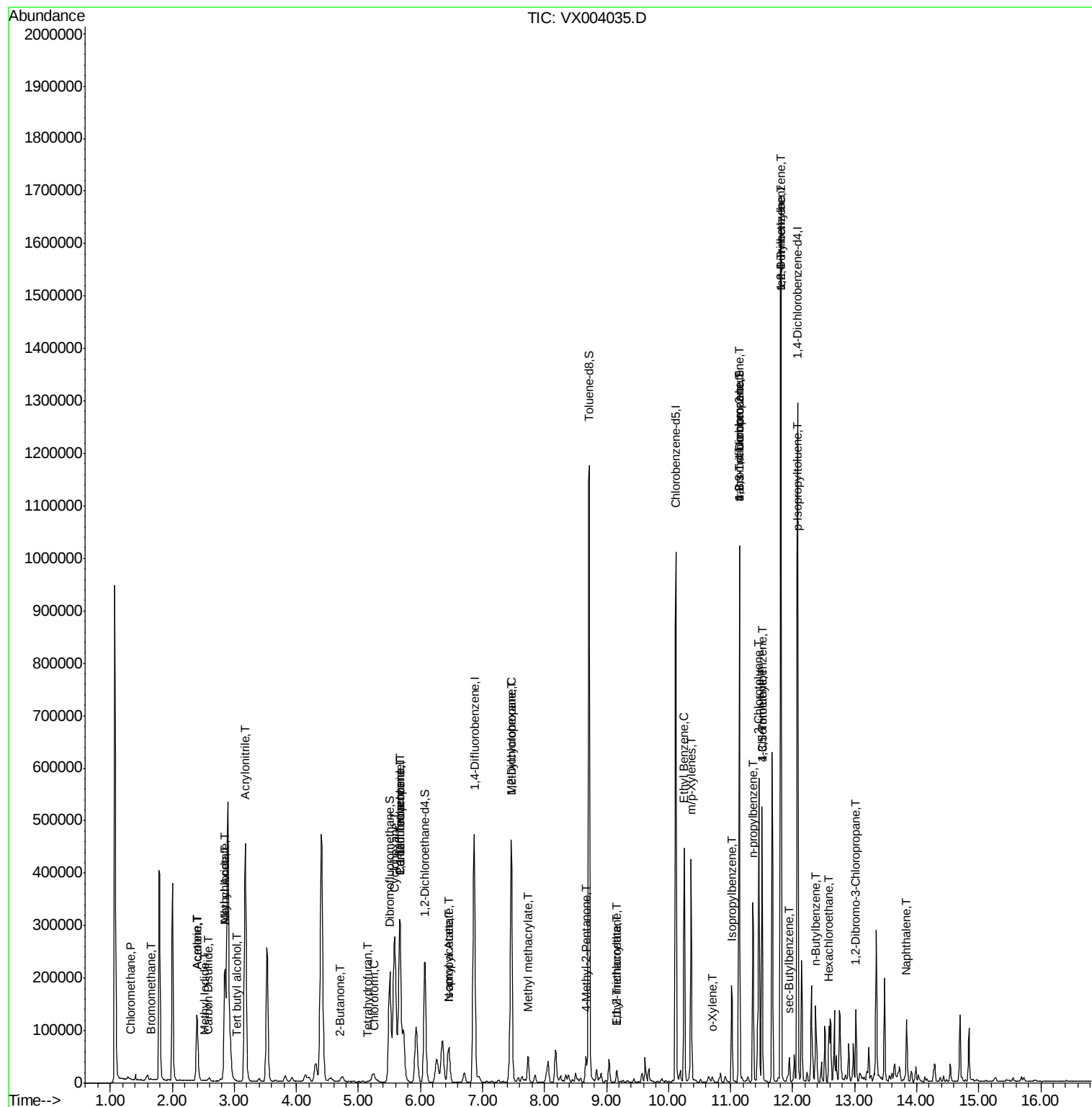
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	24430	1.674	ug/l #	47
83) tert-Butylbenzene	11.81	119	91575	6.127	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	730253	47.563	ug/l	99
85) sec-Butylbenzene	11.94	105	22664	1.296	ug/l	86
86) p-Isopropyltoluene	12.07	119	21431	1.353	ug/l	93
89) n-Butylbenzene	12.38	91	22823	1.829	ug/l #	33
90) Hexachloroethane	12.59	117	4445	1.876	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.02	75	435	0.391	ug/l #	1
95) Naphthalene	13.83	128	73005	4.958	ug/l	98

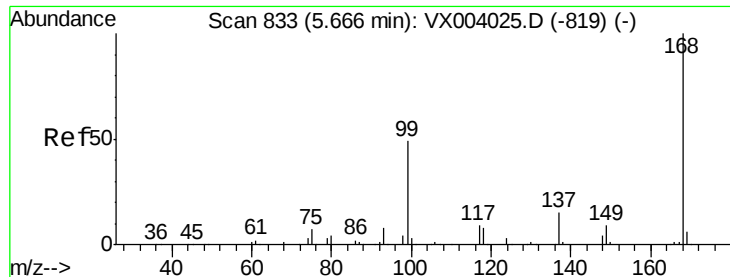
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

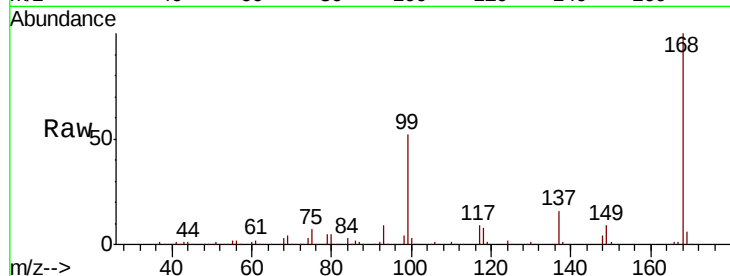
FL-0540DL

Tgt Ion:168 Resp: 312261

Ion Ratio Lower Upper

168 100

99 51.7 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

120000

100000

80000

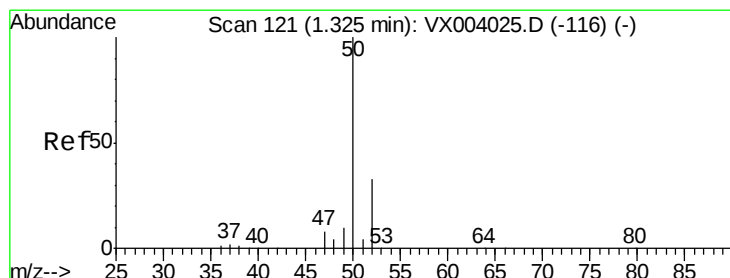
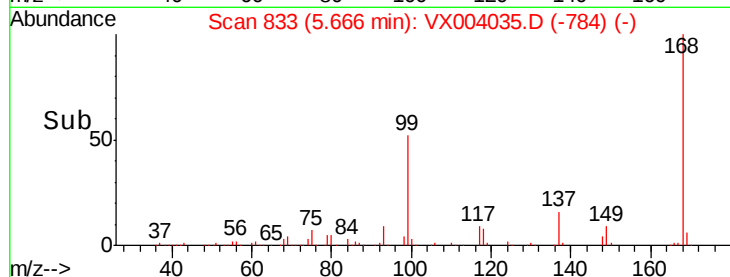
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.314 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004035.D

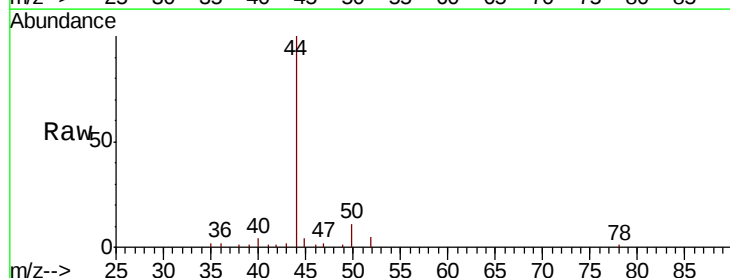
Acq: 14 Aug 2018 17:17

Tgt Ion: 50 Resp: 1170

Ion Ratio Lower Upper

50 100

52 43.5 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

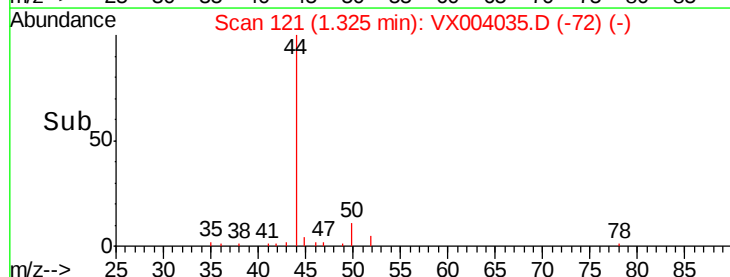
600

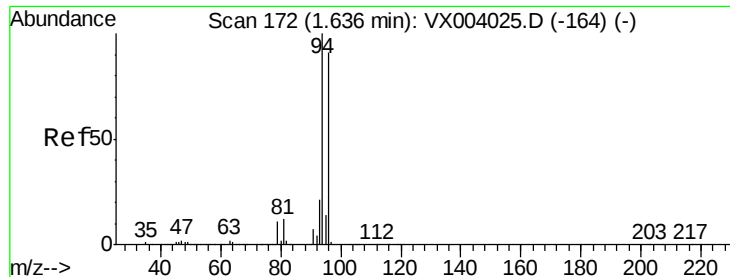
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.454 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

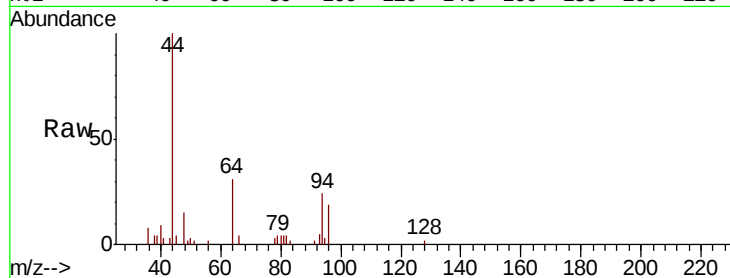
FL-0540DL

Tgt Ion: 94 Resp: 1291

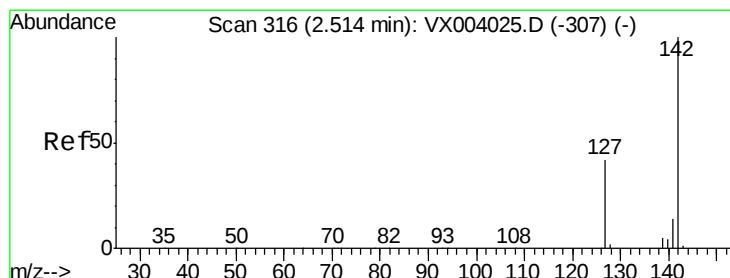
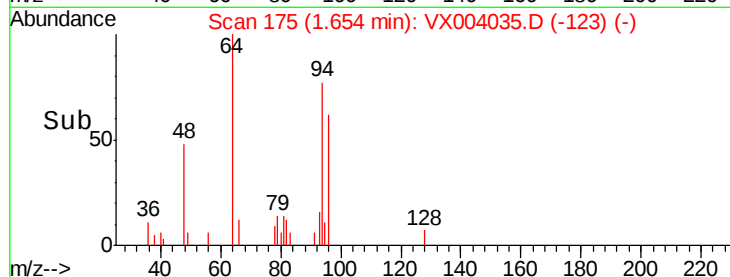
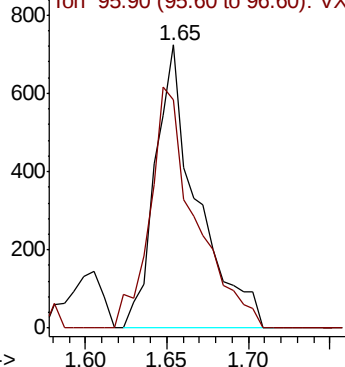
Ion Ratio Lower Upper

94 100

96 80.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX004025.D (-164) (-)



#10

Methyl Iodide

Concen: 5.348 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

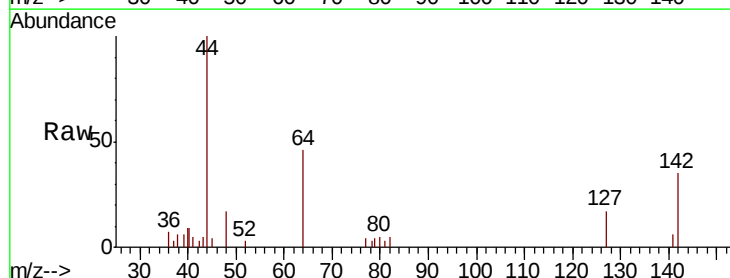
Tgt Ion: 142 Resp: 1416

Ion Ratio Lower Upper

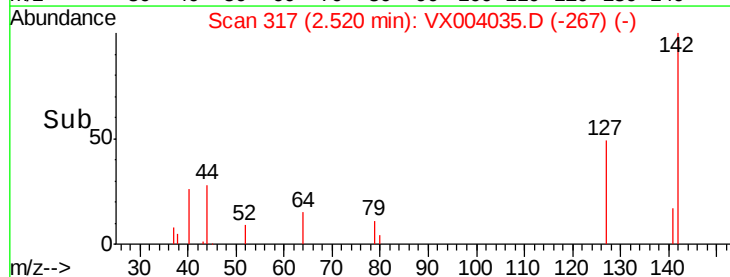
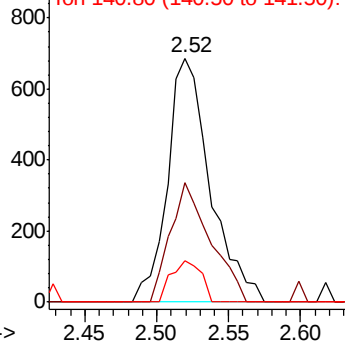
142 100

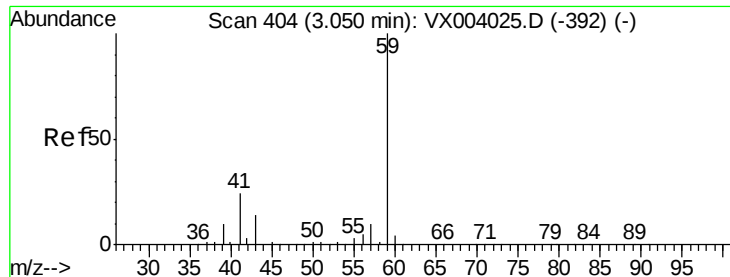
127 46.1 33.1 49.7

141 11.7 11.1 16.7



Abundance Ion 141.80 (141.50 to 142.50): VX004025.D (-307) (-)

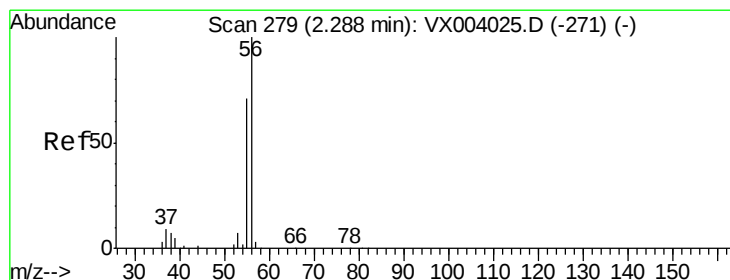
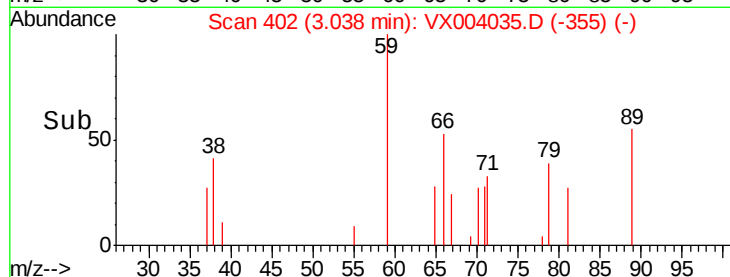
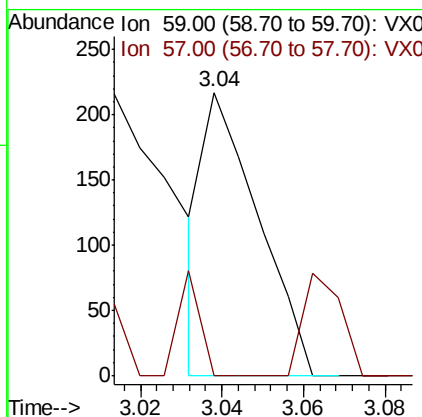
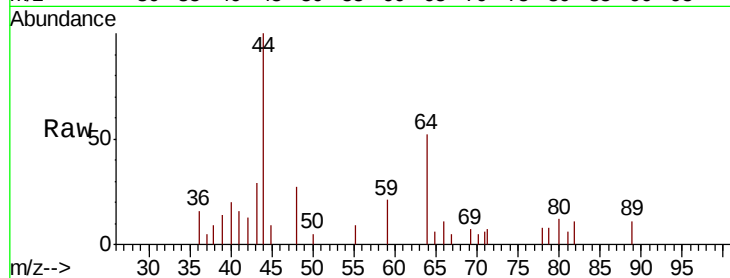




#11
Tert butyl alcohol
Concen: 0.229 ug/l
RT: 3.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

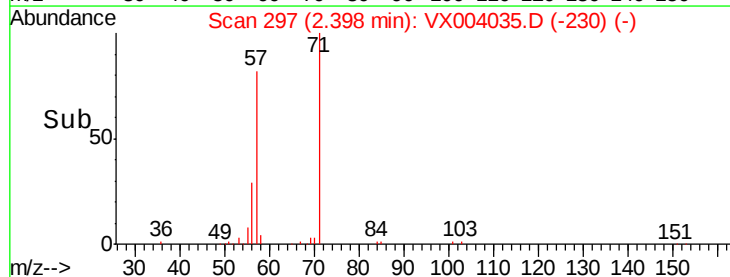
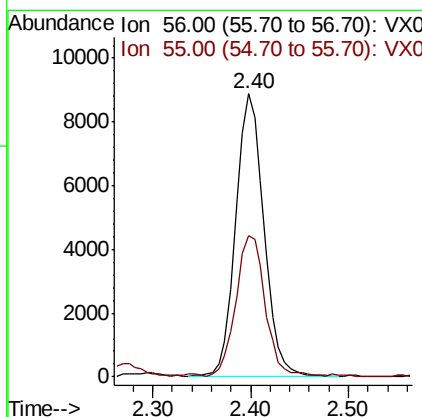
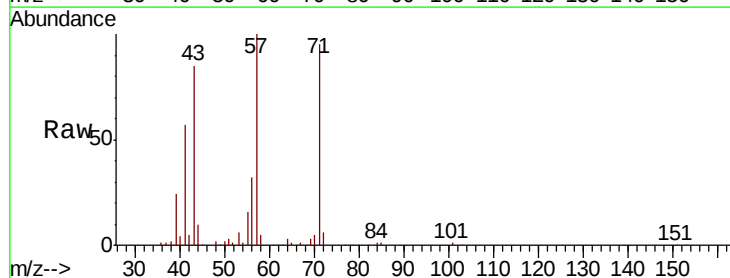
Instrument :
MSVOA_X
ClientSampleId :
FL-0540DL

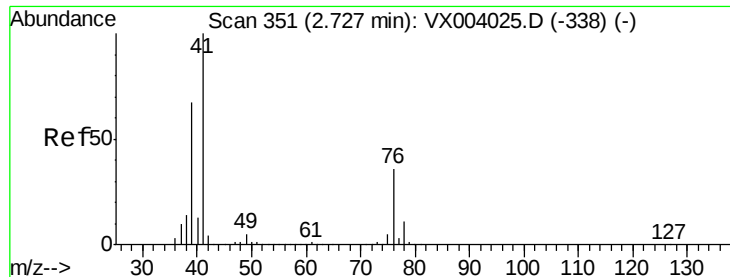
Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 39.346 ug/l
RT: 2.40 min Scan# 297
Delta R.T. 0.11 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion: 56 Resp: 17851
Ion Ratio Lower Upper
56 100
55 52.0 56.1 84.1#





#14

Allyl chloride

Concen: 9.383 ug/l

RT: 2.85 min Scan# 371

Delta R.T. 0.12 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

FL-0540DL

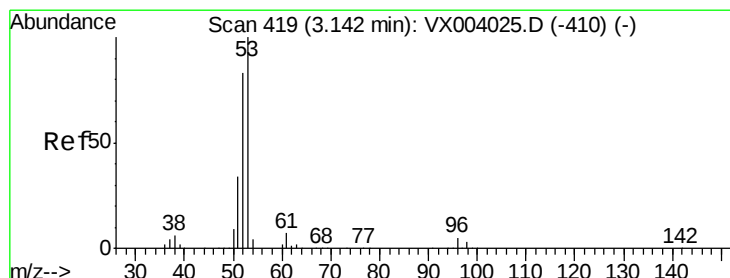
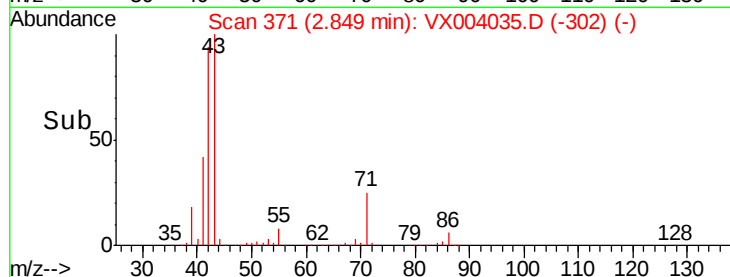
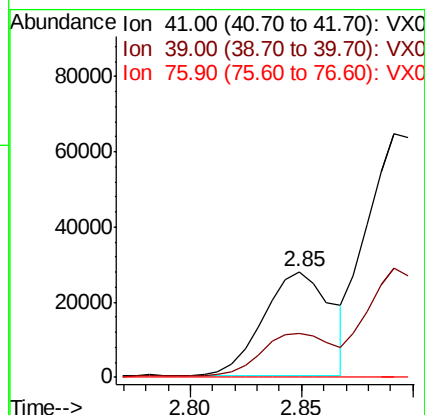
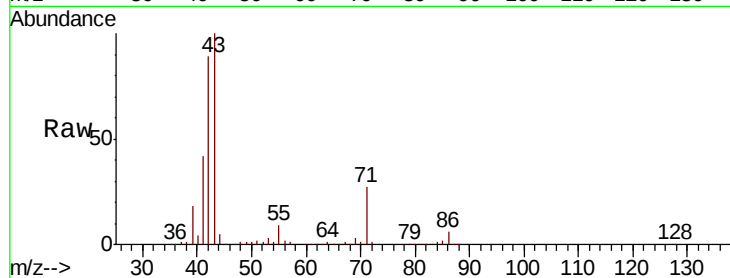
Tgt Ion: 41 Resp: 58648

Ion Ratio Lower Upper

41 100

39 43.2 47.4 71.0#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 5.216 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.03 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

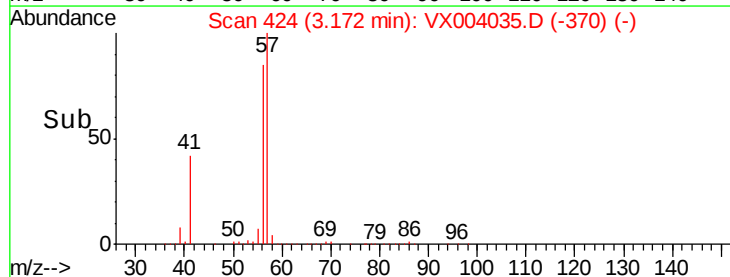
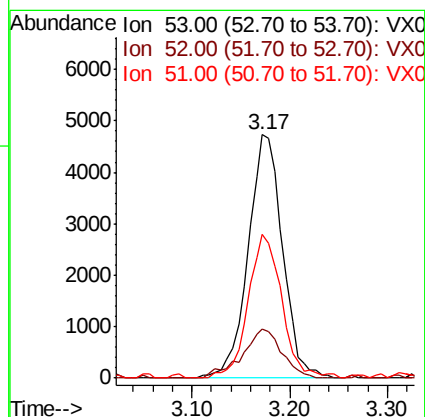
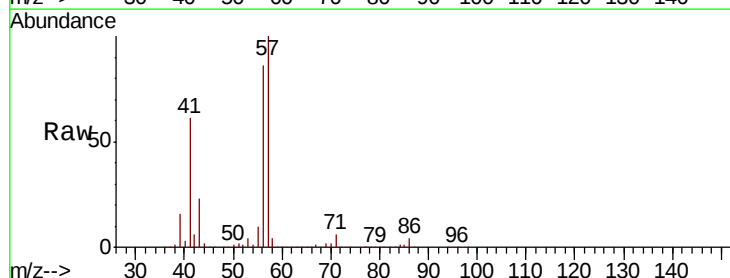
Tgt Ion: 53 Resp: 11521

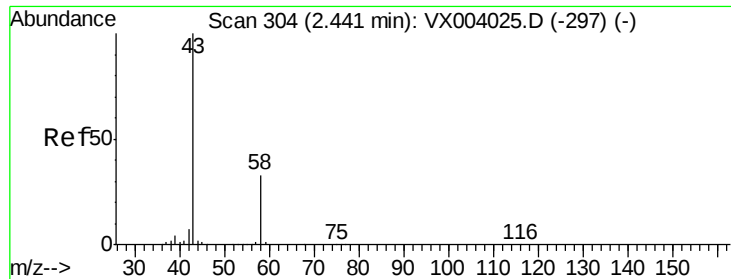
Ion Ratio Lower Upper

53 100

52 23.2 65.3 97.9#

51 58.1 27.9 41.9#





#16

Acetone

Concen: 22.016 ug/l

RT: 2.40 min Scan# 297

Delta R.T. -0.04 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

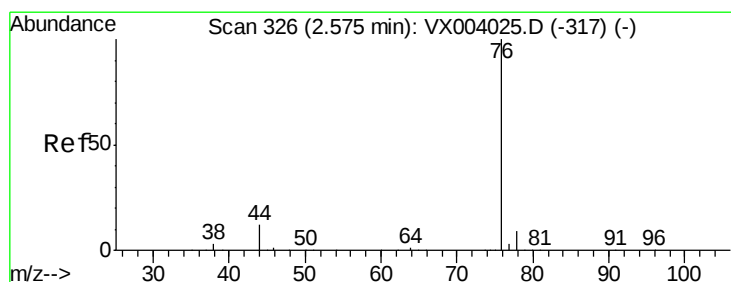
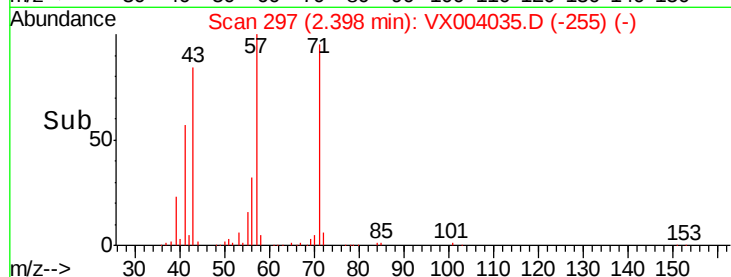
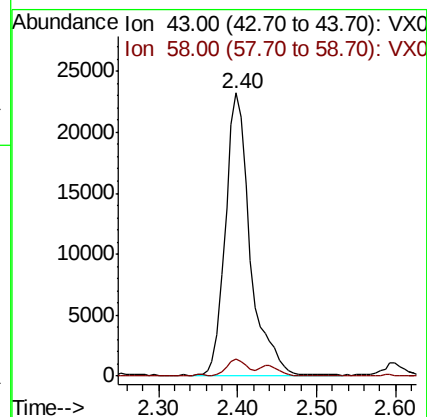
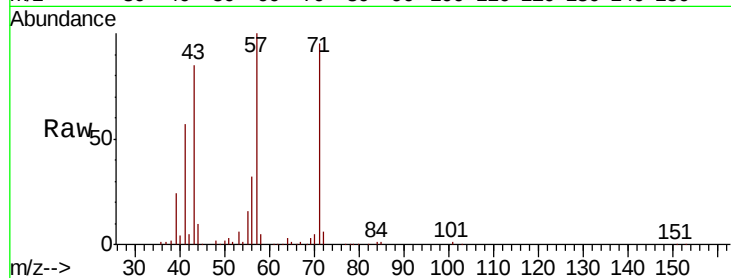
FL-0540DL

Tgt Ion: 43 Resp: 50361

Ion Ratio Lower Upper

43 100

58 6.1 26.4 39.6#



#17

Carbon Disulfide

Concen: 0.251 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004035.D

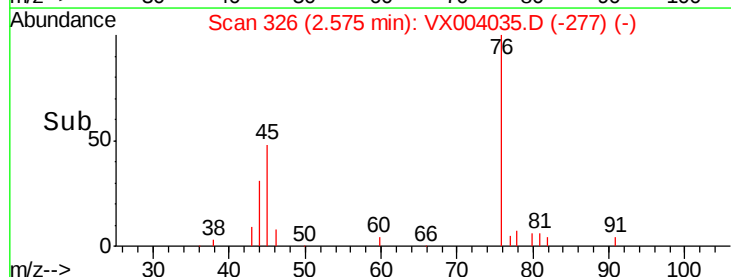
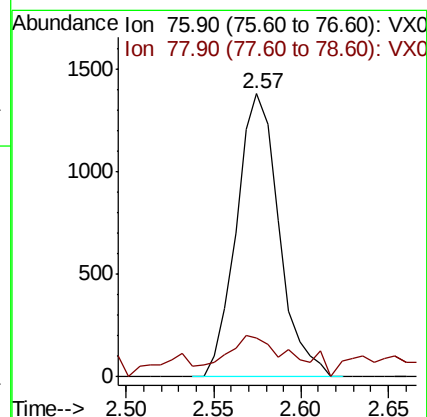
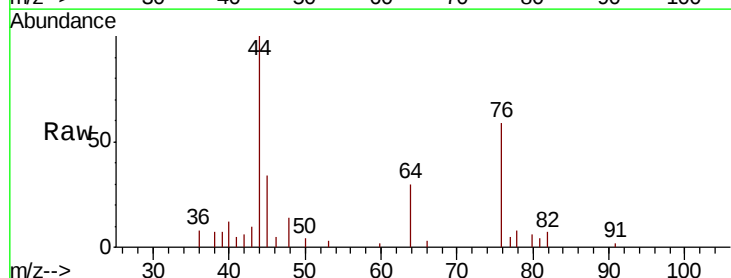
Acq: 14 Aug 2018 17:17

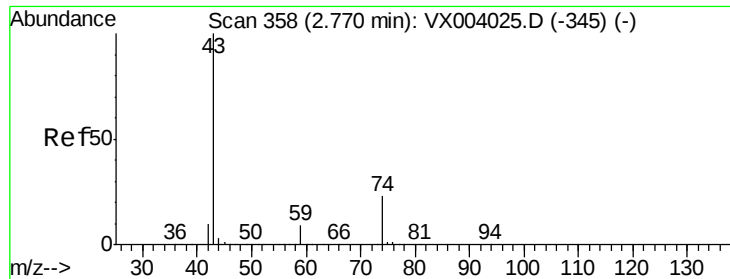
Tgt Ion: 76 Resp: 2340

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

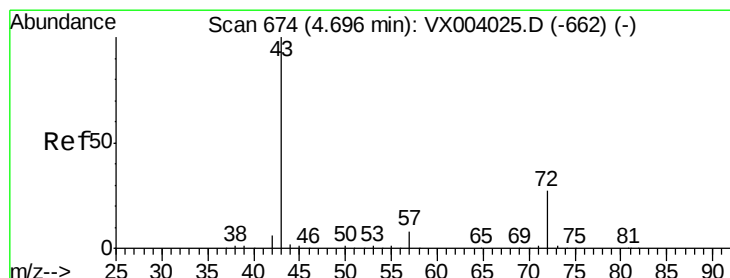
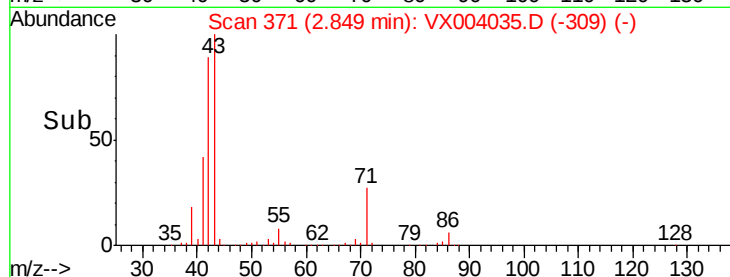
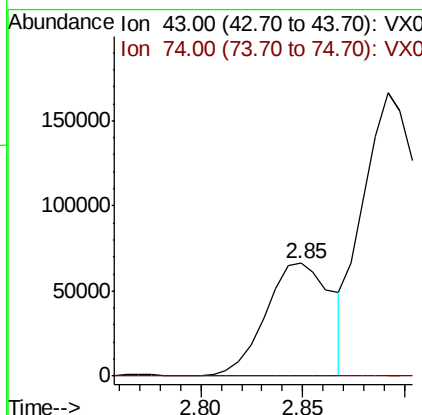
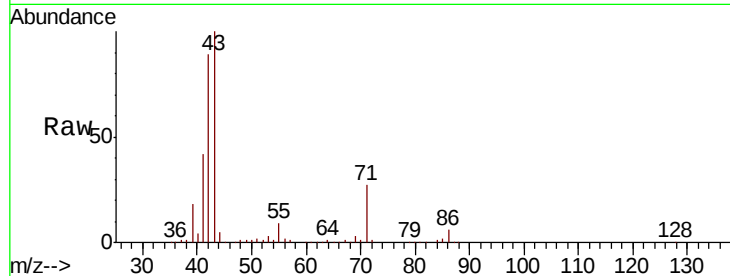




#18
Methyl Acetate
Concen: 29.159 ug/l
RT: 2.85 min Scan# 371
Delta R.T. 0.08 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

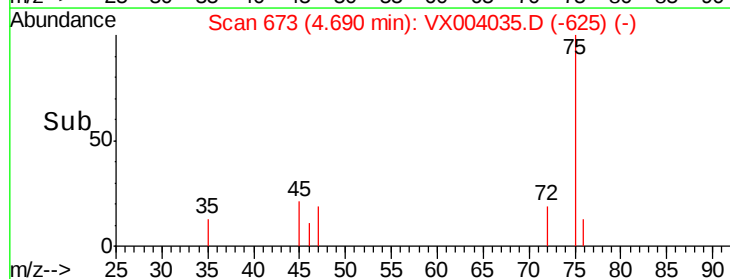
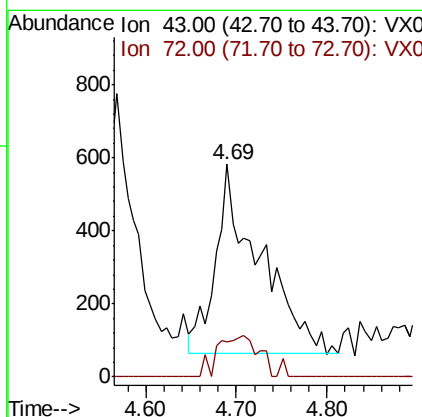
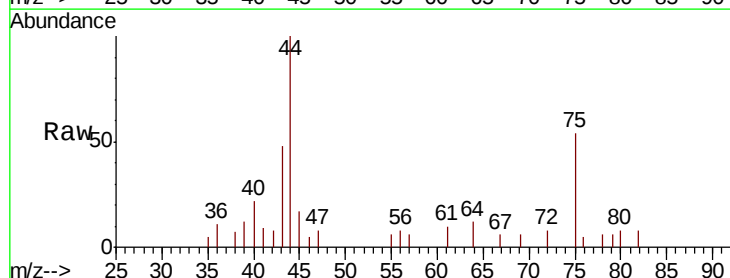
Instrument :
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FL-0540DL

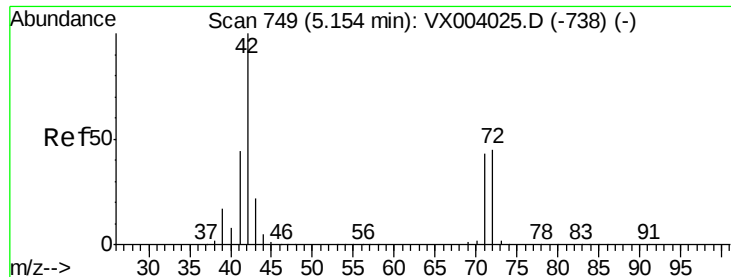
Tgt Ion: 43 Resp: 148221
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#25
2-Butanone
Concen: 0.470 ug/l
RT: 4.69 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
72 18.8 21.4 32.0#





#29

Tetrahydrofuran

Concen: 0.613 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

FL-0540DL

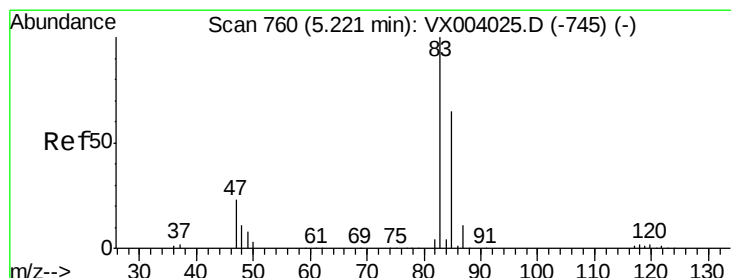
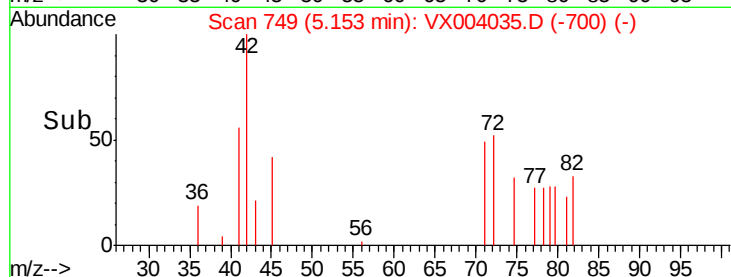
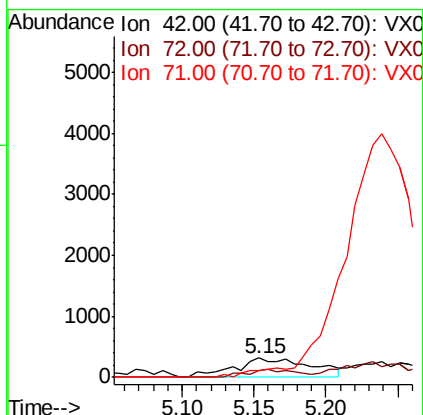
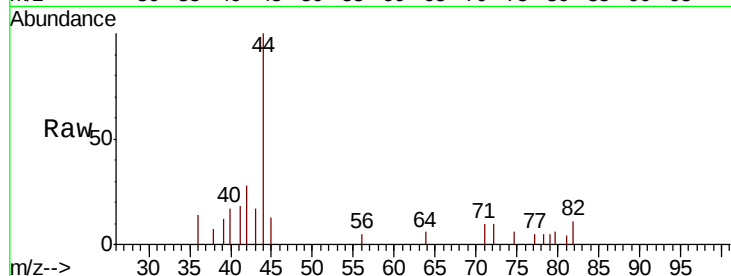
Tgt Ion: 42 Resp: 1165

Ion Ratio Lower Upper

42 100

72 26.9 37.7 56.5#

71 0.0 35.0 52.6#



#30

Chloroform

Concen: 0.251 ug/l

RT: 5.26 min Scan# 767

Delta R.T. 0.04 min

Lab File: VX004035.D

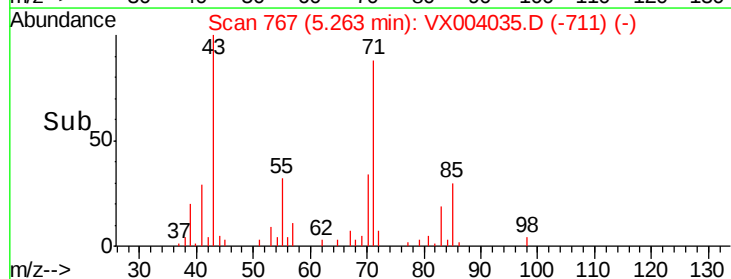
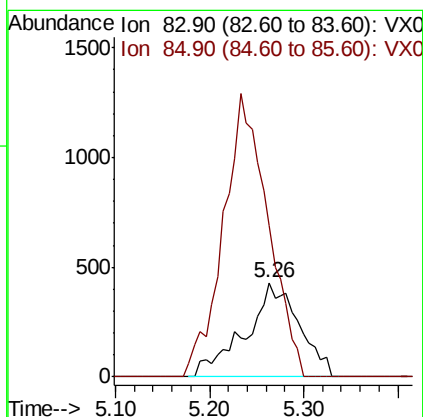
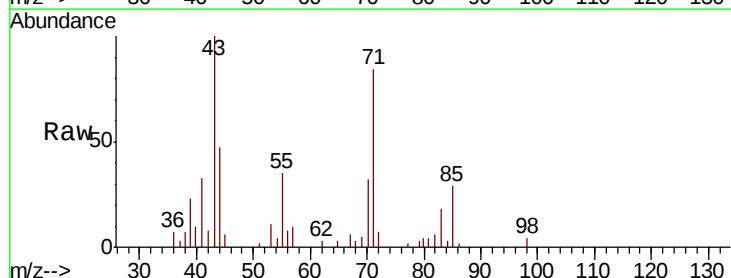
Acq: 14 Aug 2018 17:17

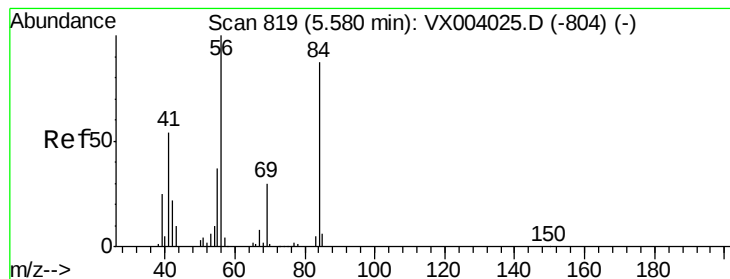
Tgt Ion: 83 Resp: 1701

Ion Ratio Lower Upper

83 100

85 161.2 50.7 76.1#





#31

Cyclohexane

Concen: 31.923 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

FL-0540DL

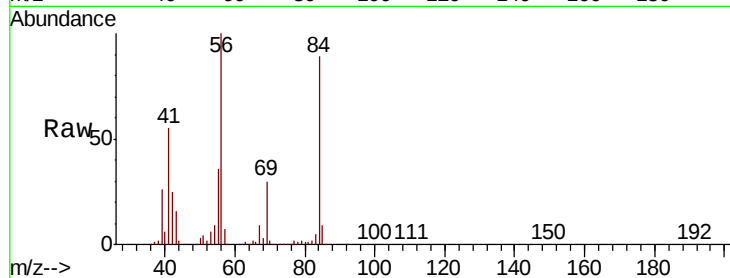
Tgt Ion: 56 Resp: 194143

Ion Ratio Lower Upper

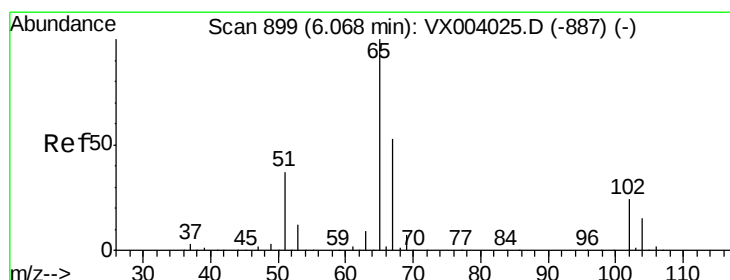
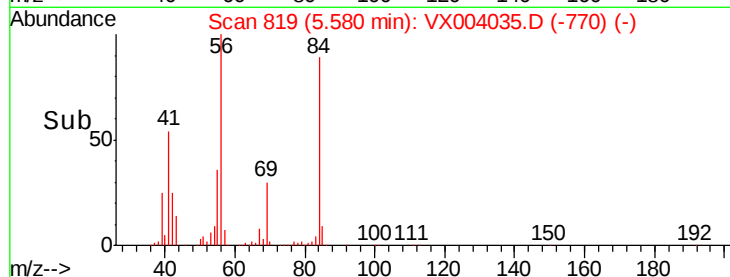
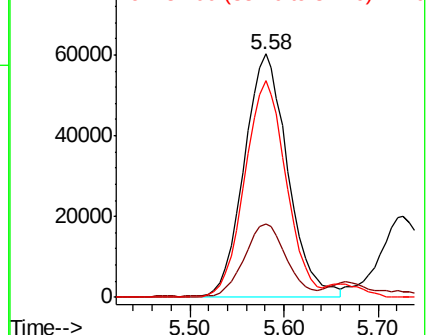
56 100

69 29.4 24.9 37.3

84 89.1 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: 48.475 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004035.D

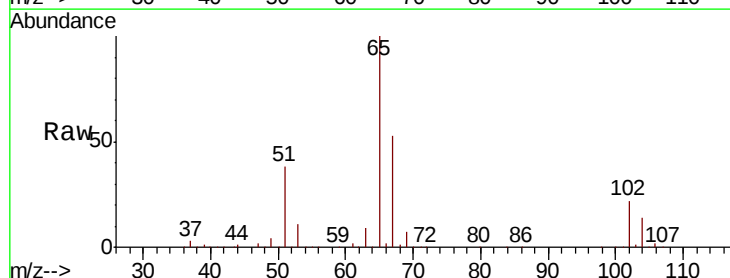
Acq: 14 Aug 2018 17:17

Tgt Ion: 65 Resp: 213271

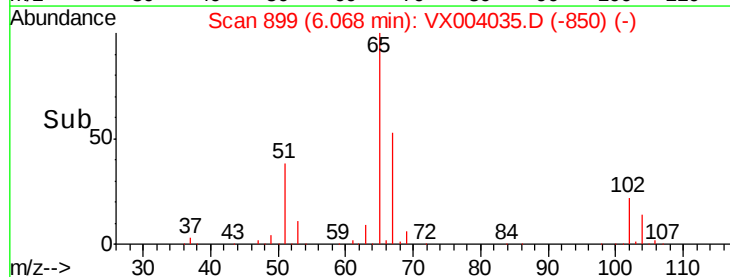
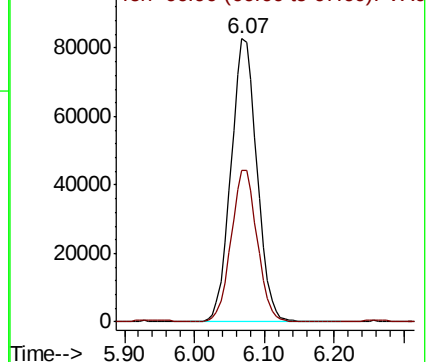
Ion Ratio Lower Upper

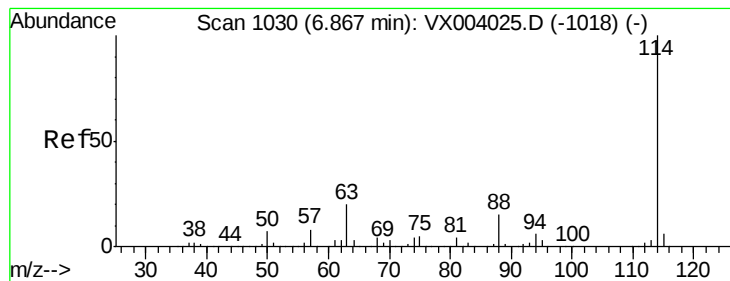
65 100

67 53.2 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

FL-0540DL

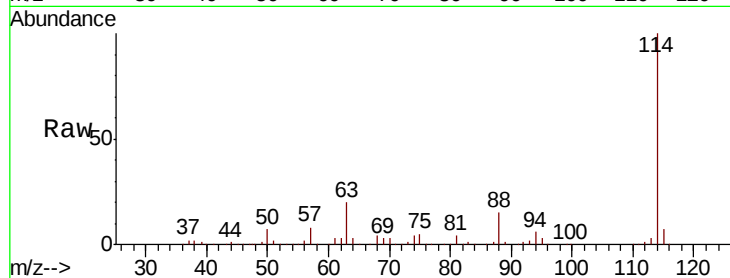
Tgt Ion:114 Resp: 490074

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

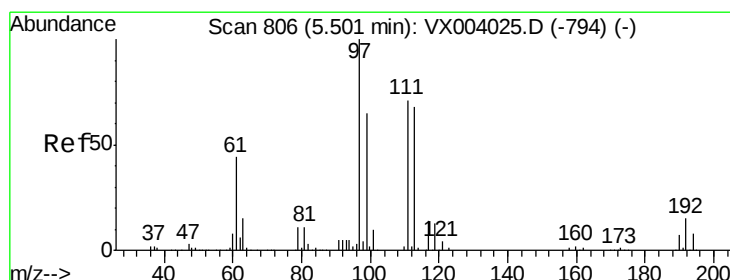
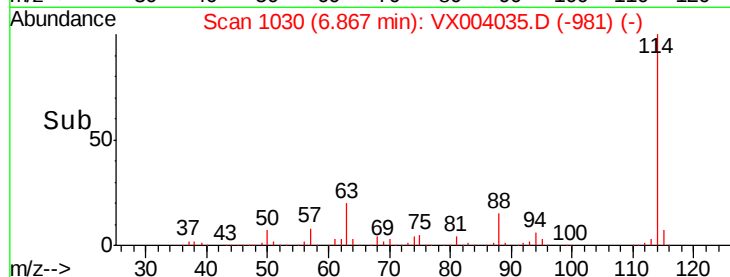
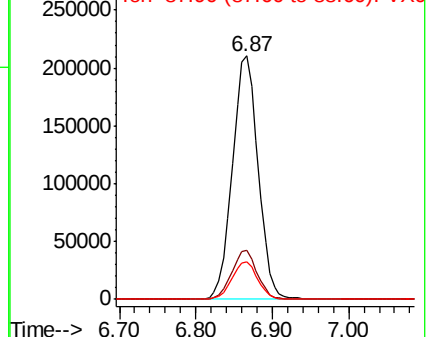
88 15.2 0.0 32.0



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: 48.153 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

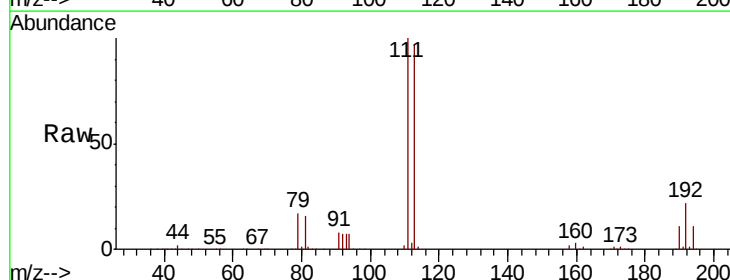
Tgt Ion:113 Resp: 176615

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

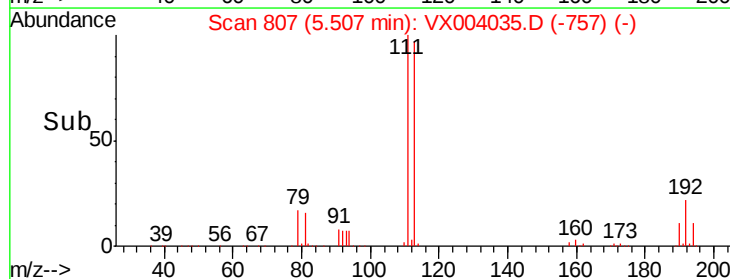
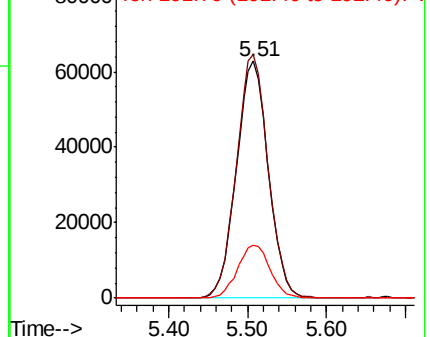
192 22.8 19.0 28.4

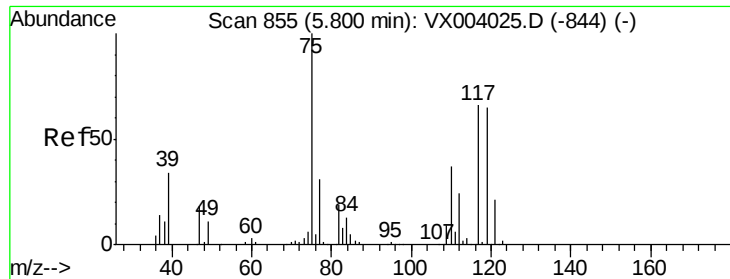


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

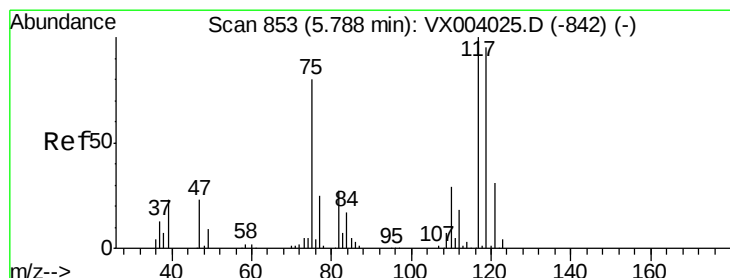
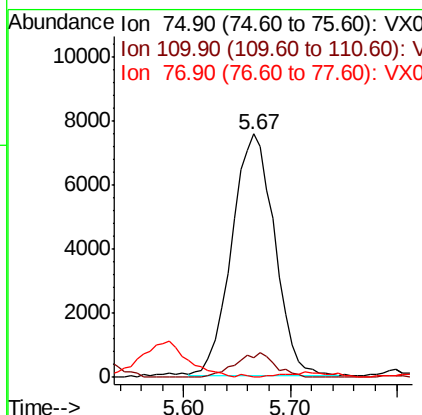
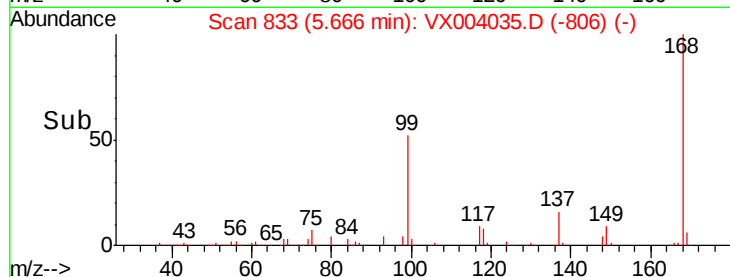
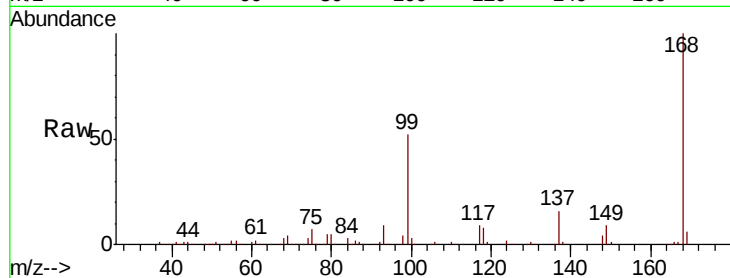




#36
 1,1-Dichloropropene
 Concen: 3.809 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

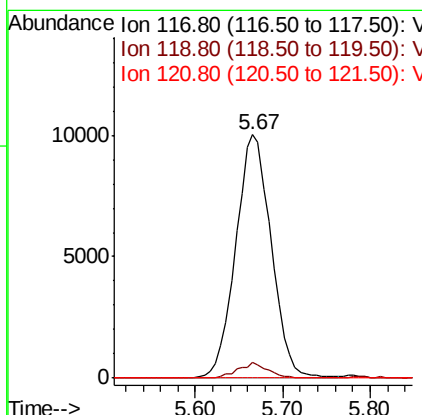
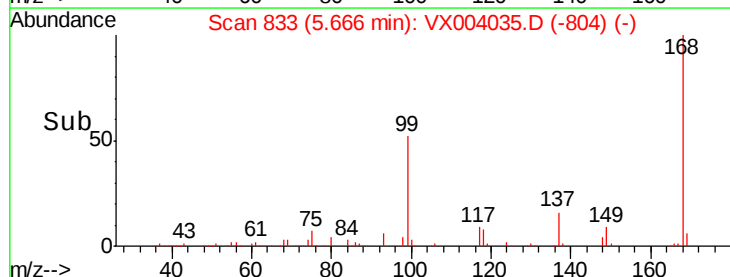
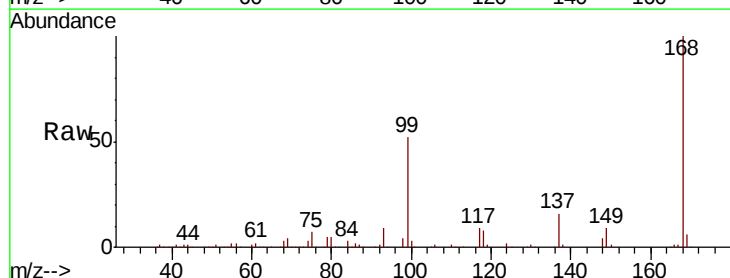
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0540DL

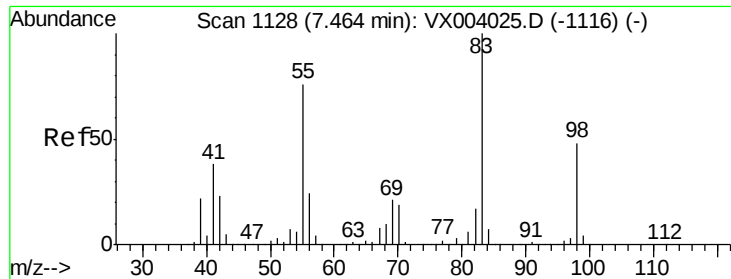
Tgt Ion: 75 Resp: 21242
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.2 54.6#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.226 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion: 117 Resp: 28316
 Ion Ratio Lower Upper
 117 100
 119 6.5 79.5 119.3#
 121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 31.284 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

FL-0540DL

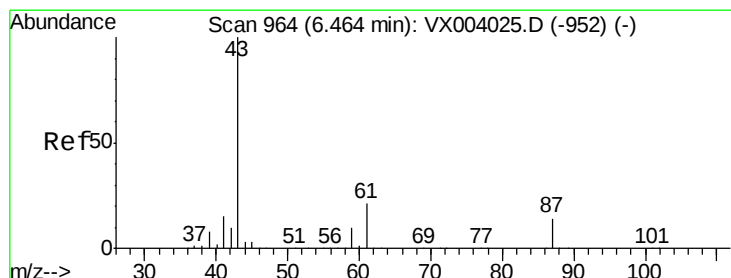
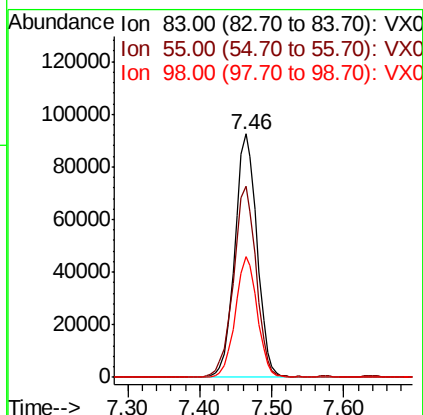
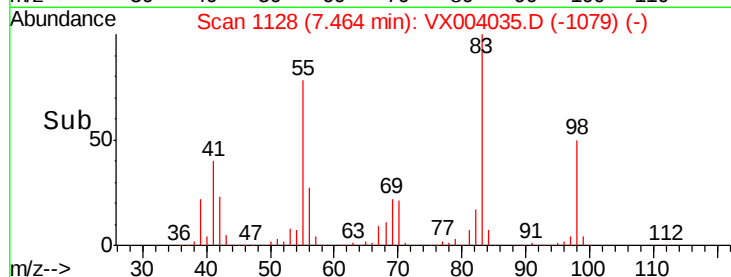
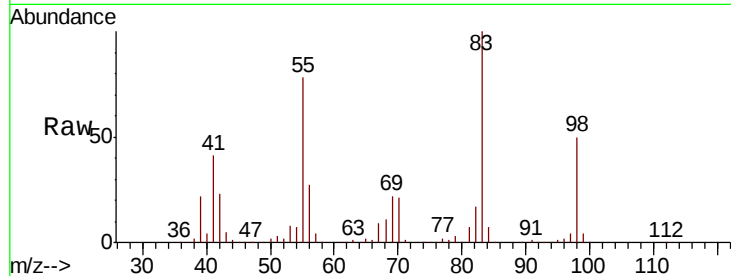
Tgt Ion: 83 Resp: 197922

Ion Ratio Lower Upper

83 100

55 78.3 61.0 91.6

98 49.6 38.6 57.8



#43

Isopropyl Acetate

Concen: 0.404 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

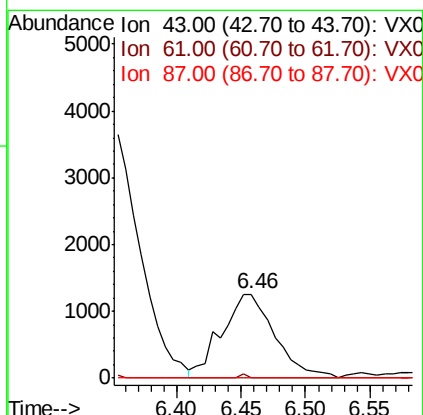
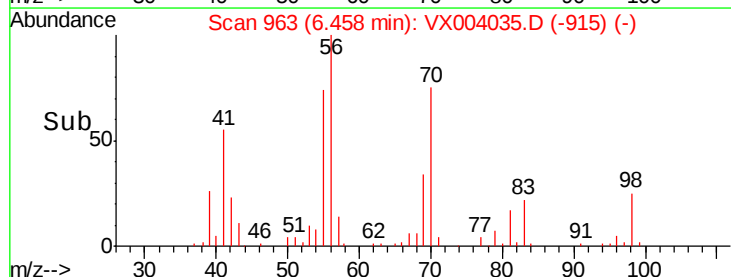
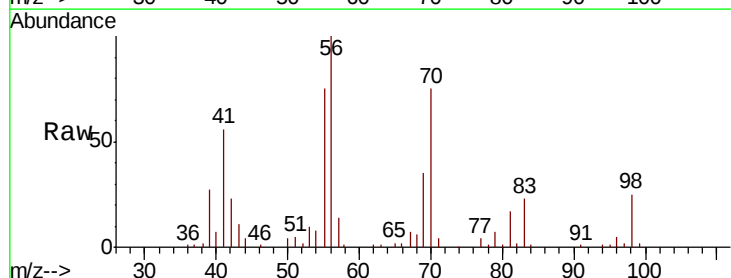
Tgt Ion: 43 Resp: 3615

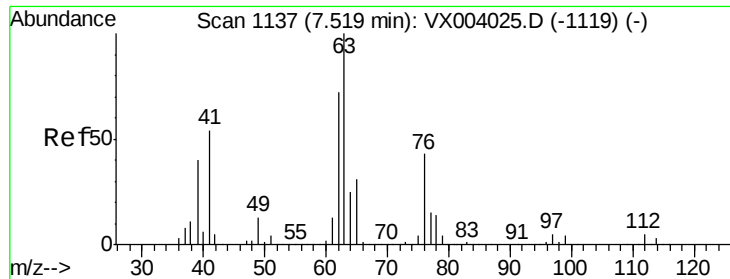
Ion Ratio Lower Upper

43 100

61 0.6 16.9 25.3#

87 0.0 11.3 16.9#

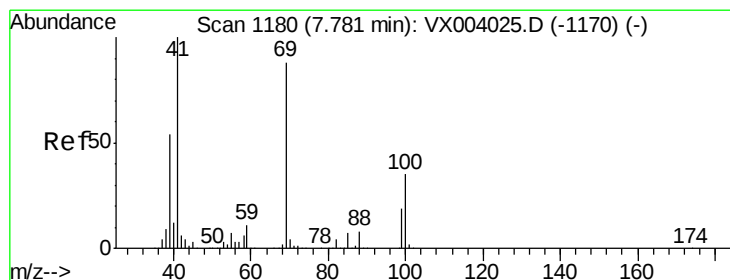
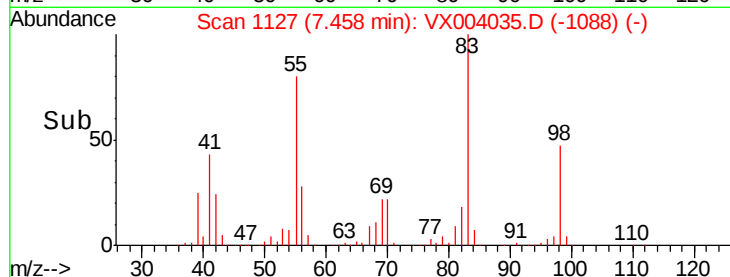
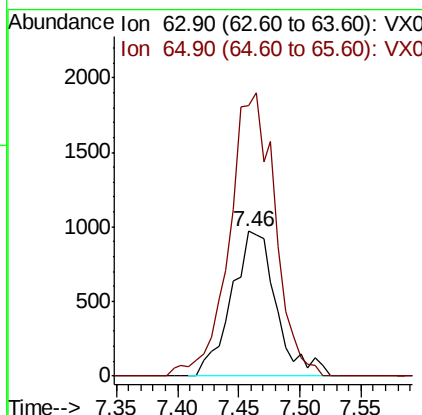
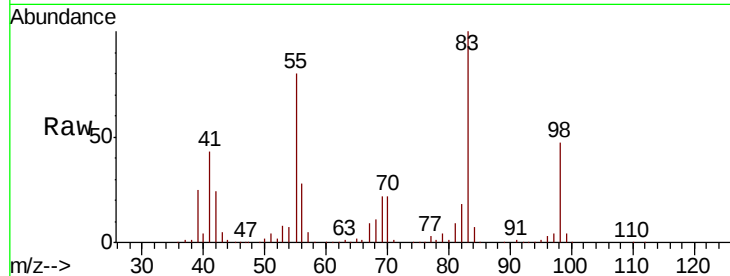




#45
 1,2-Dichloropropane
 Concen: 0.573 ug/l
 RT: 7.46 min Scan# 1127
 Delta R.T. -0.06 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

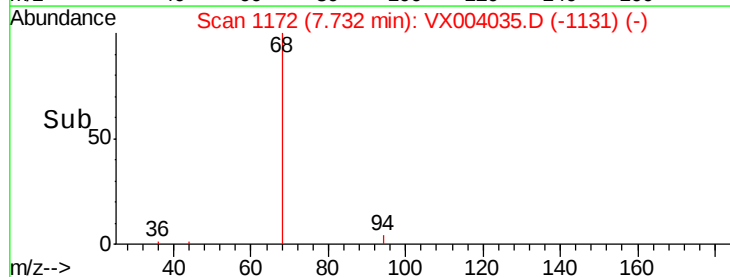
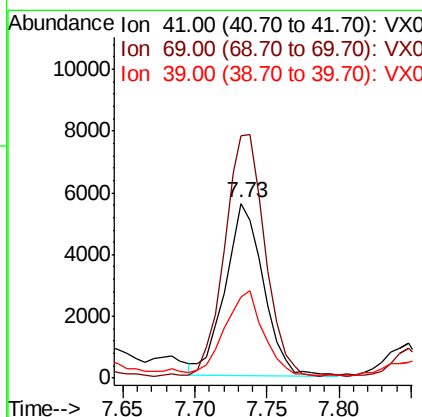
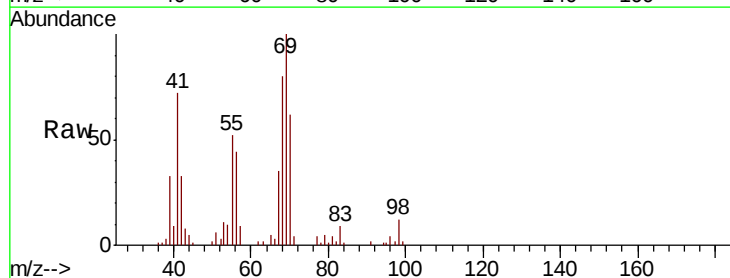
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0540DL

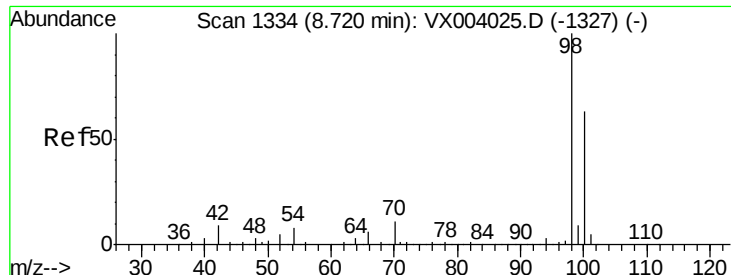
Tgt Ion: 63 Resp: 2458
 Ion Ratio Lower Upper
 63 100
 65 186.5 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 2.306 ug/l
 RT: 7.73 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion: 41 Resp: 10390
 Ion Ratio Lower Upper
 41 100
 69 149.3 68.8 103.2#
 39 52.4 42.3 63.5





#50

Toluene-d8

Concen: 47.736 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

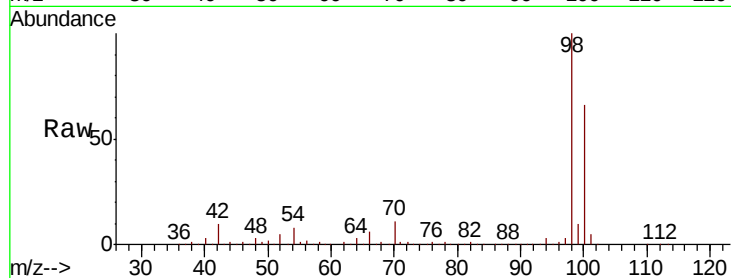
FL-0540DL

Tgt Ion: 98 Resp: 709873

Ion Ratio Lower Upper

98 100

100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

500000

400000

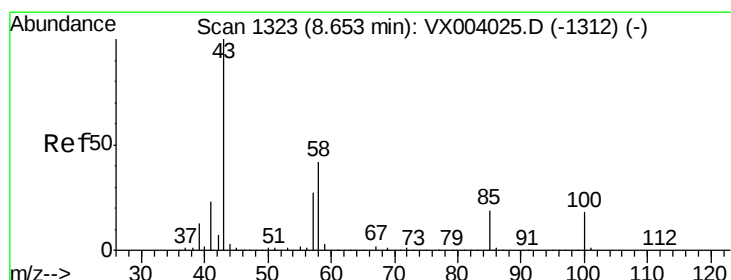
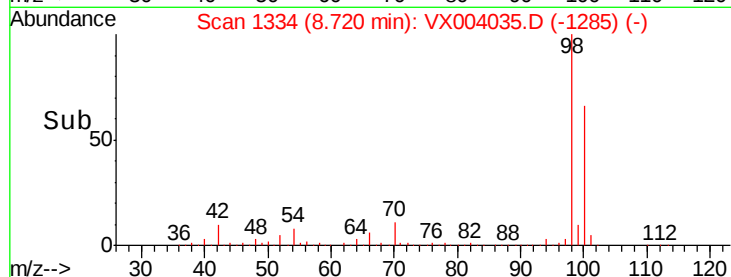
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.281 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX004035.D

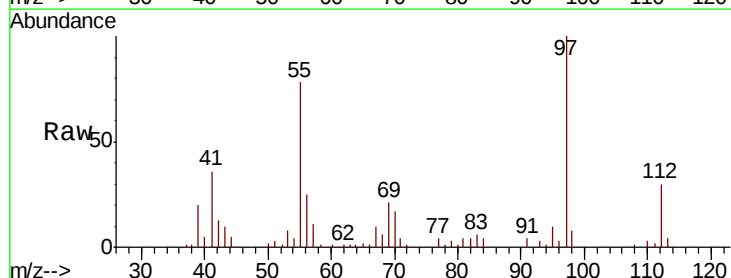
Acq: 14 Aug 2018 17:17

Tgt Ion: 43 Resp: 2061

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.67

4000

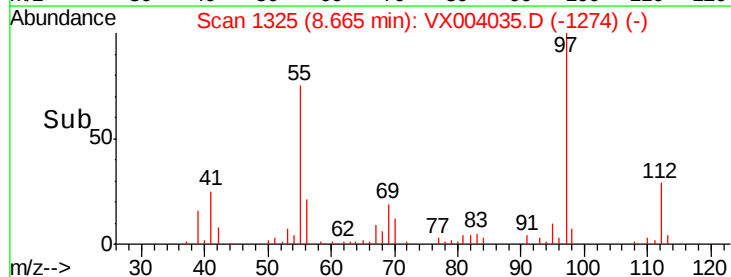
3000

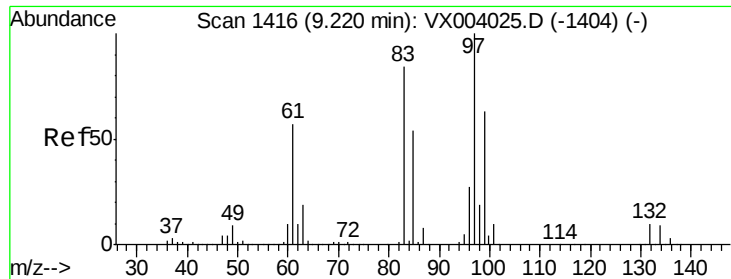
2000

1000

0

Time-->

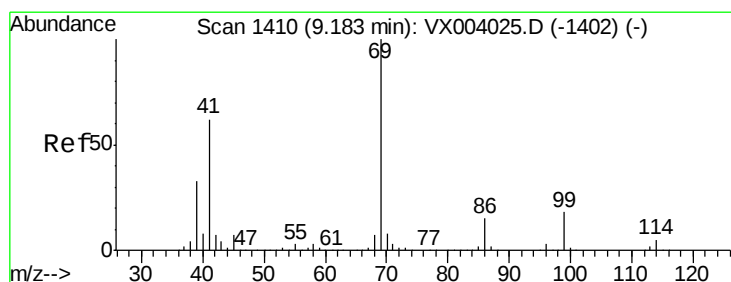
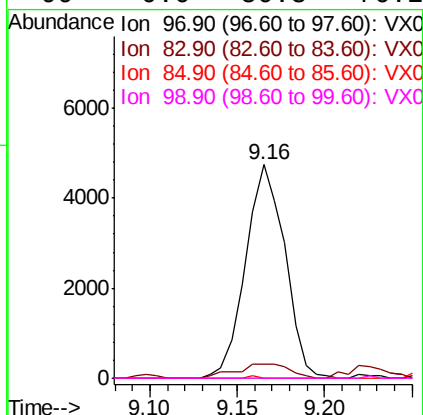
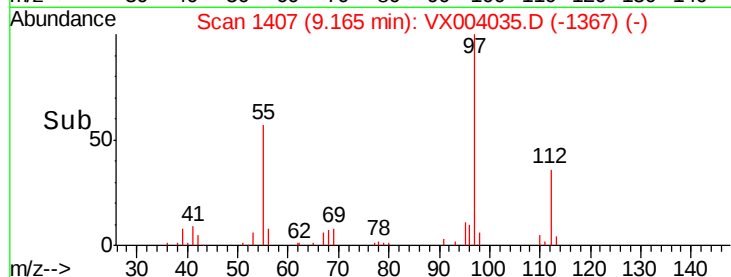
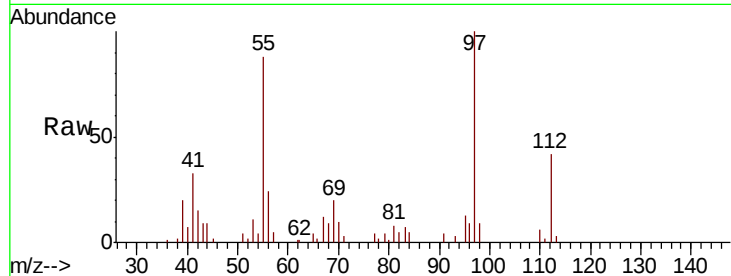




#55
 1,1,2-Trichloroethane
 Concen: 1.694 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

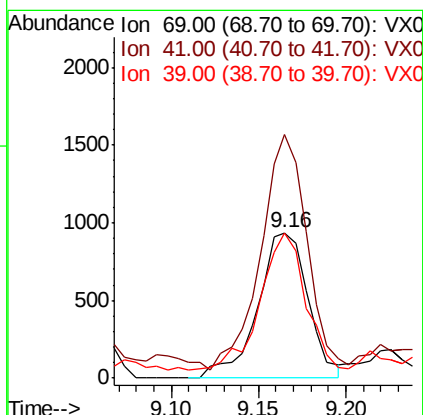
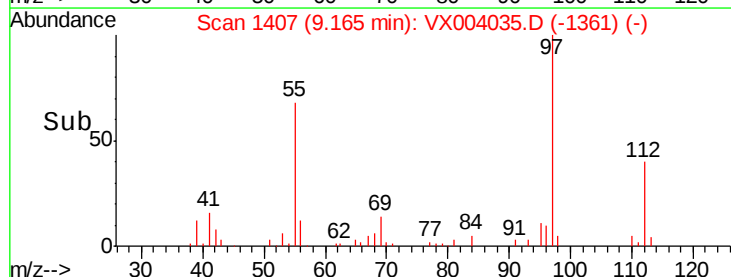
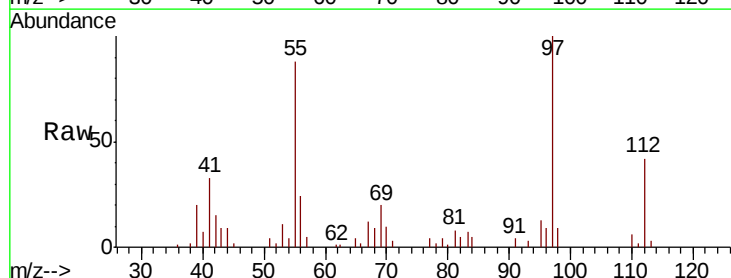
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540DL

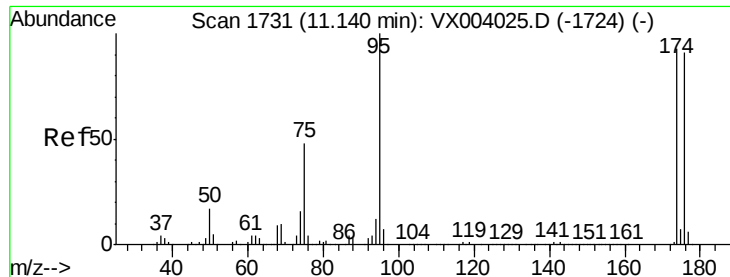
Tgt Ion: 97 Resp: 7407
 Ion Ratio Lower Upper
 97 100
 83 6.6 67.8 101.6#
 85 0.0 44.2 66.2#
 99 0.0 50.8 76.2#



#56
 Ethyl methacrylate
 Concen: 0.316 ug/l
 RT: 9.16 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion: 69 Resp: 1882
 Ion Ratio Lower Upper
 69 100
 41 147.7 50.6 76.0#
 39 83.3 25.8 38.6#

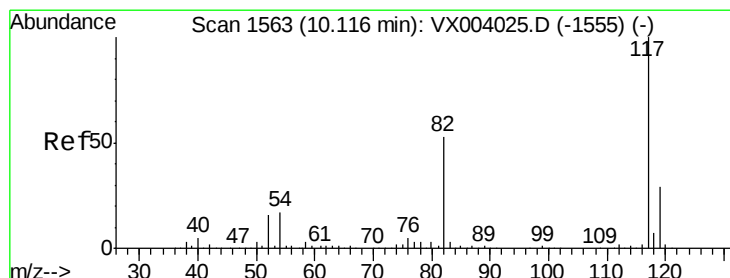
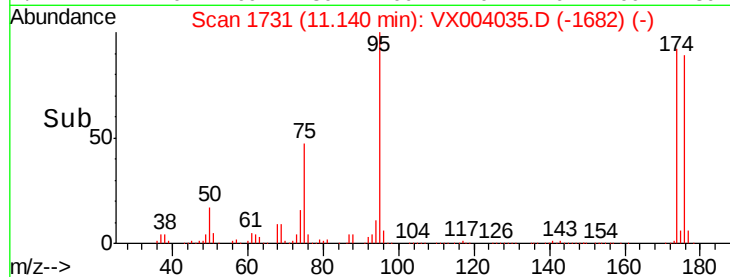
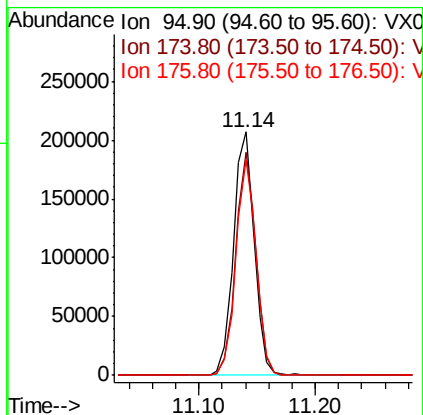
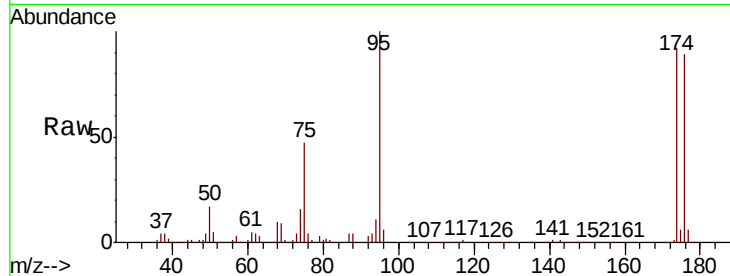




#62
 4-Bromofluorobenzene
 Concen: 47.863 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

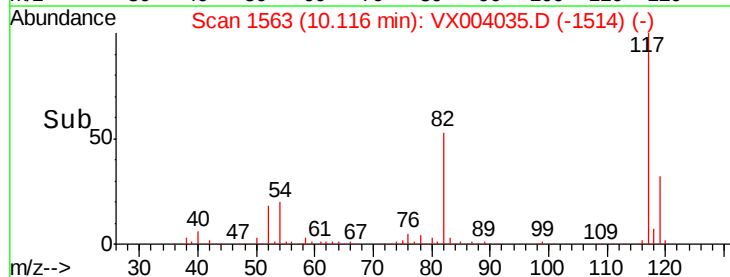
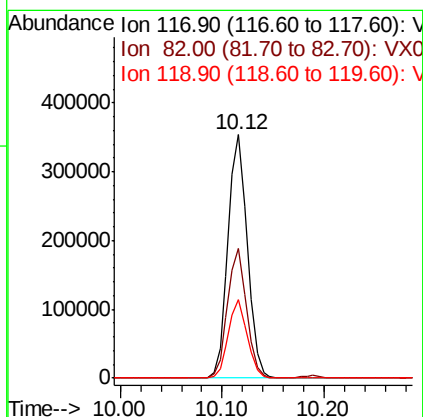
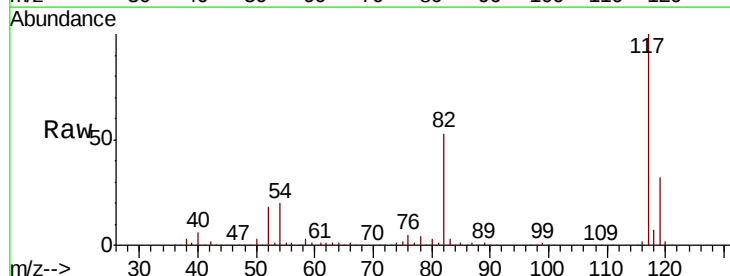
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540DL

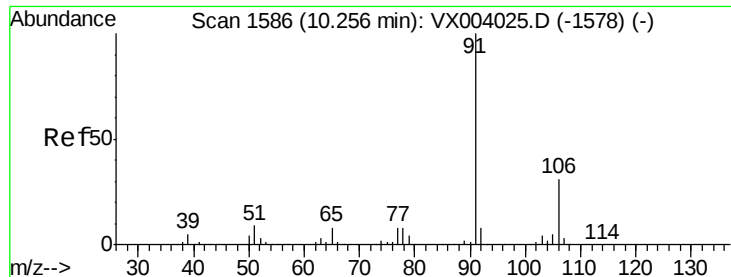
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	182.8
176	86.3	0.0	179.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	32.0	26.6	40.0

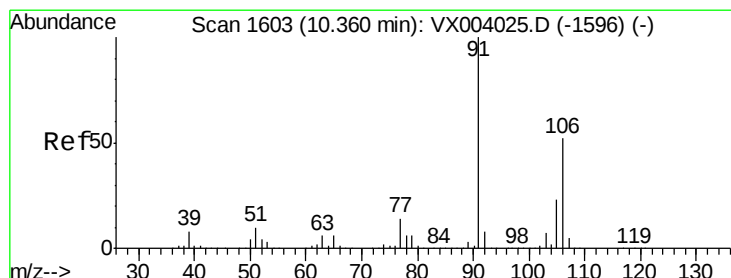
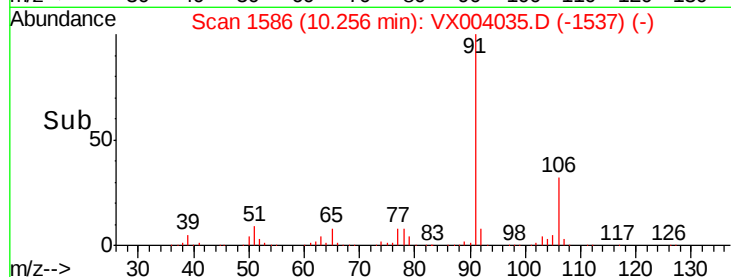
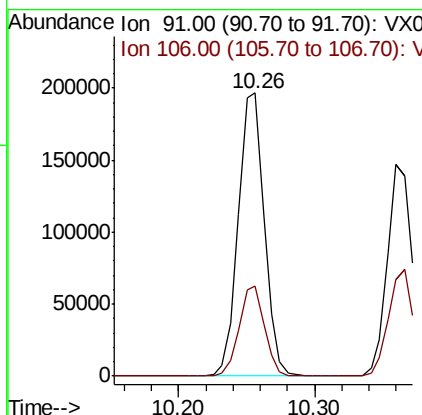
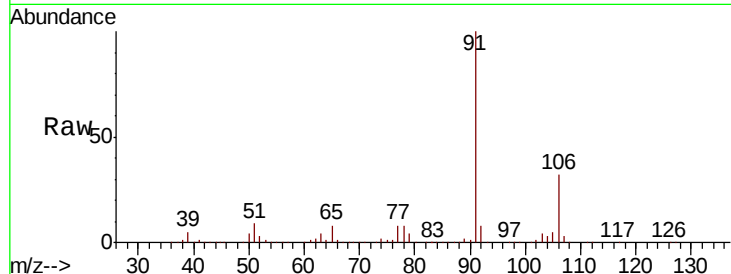




#67
Ethyl Benzene
Concen: 13.797 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

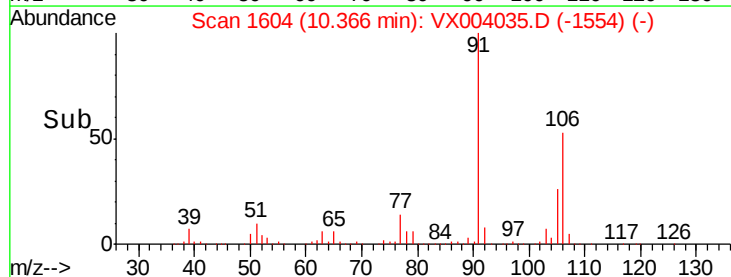
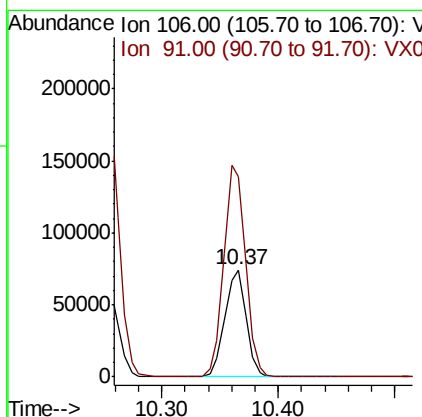
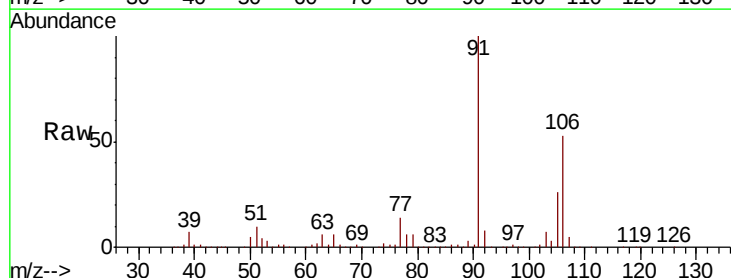
Instrument :
MSVOA_X
ClientSampleId :
FL-0540DL

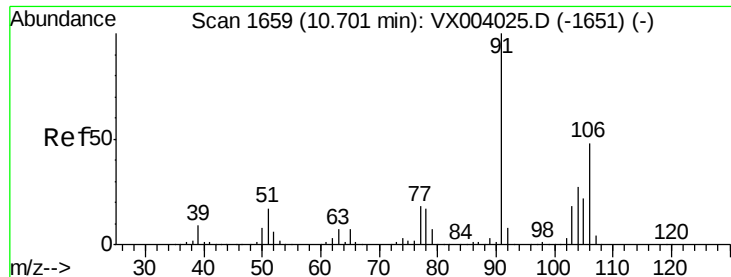
Tgt Ion: 91 Resp: 261326
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 12.653 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion: 106 Resp: 93843
Ion Ratio Lower Upper
106 100
91 201.4 162.3 243.5

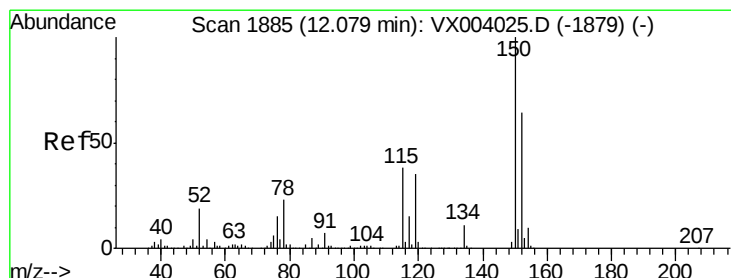
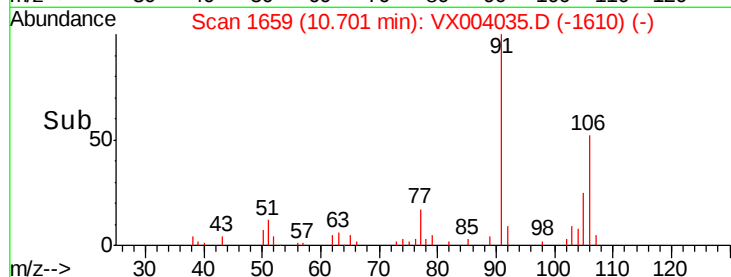
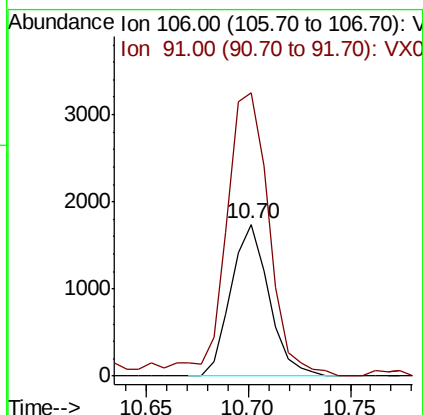
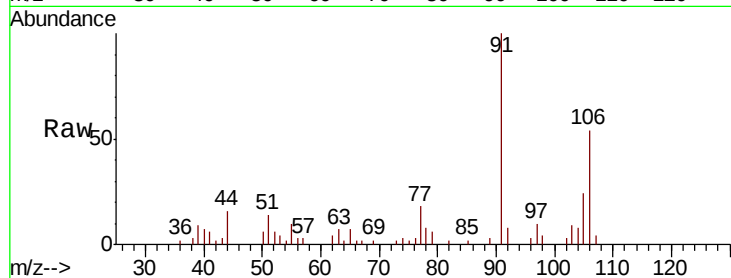




#69
o-Xylene
Concen: 0.318 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

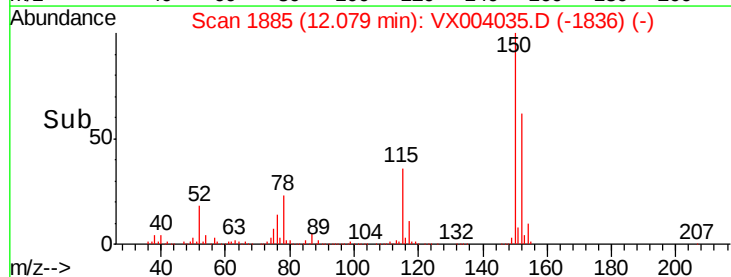
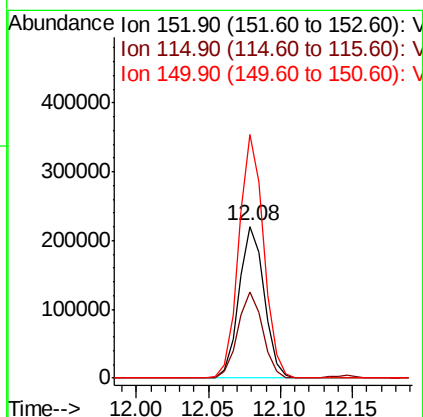
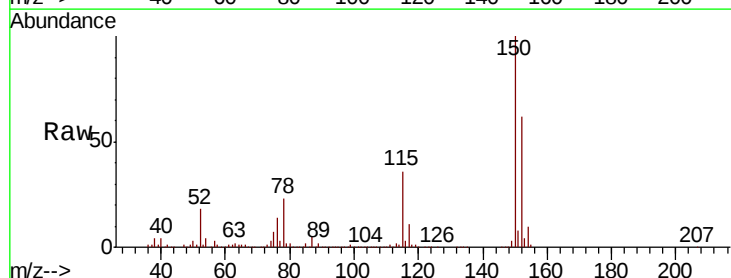
Instrument :
MSVOA_X
ClientSampleId :
FL-0540DL

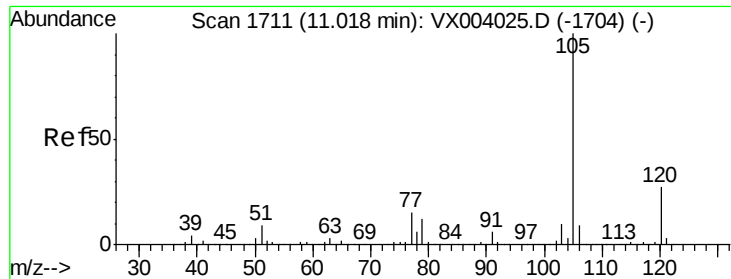
Tgt Ion:106 Resp: 2251
Ion Ratio Lower Upper
106 100
91 214.5 101.9 305.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion:152 Resp: 267528
Ion Ratio Lower Upper
152 100
115 56.2 39.1 117.3
150 158.2 0.0 349.2





#73

Isopropylbenzene

Concen: 5.097 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

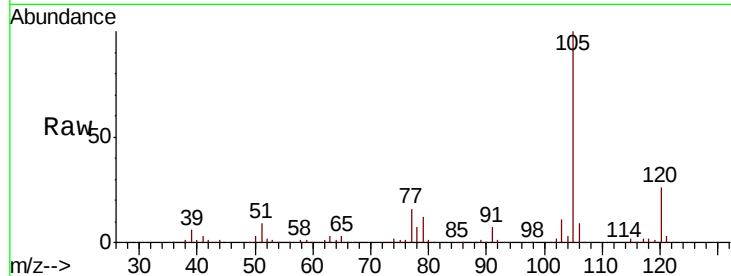
FL-0540DL

Tgt Ion: 105 Resp: 92276

Ion Ratio Lower Upper

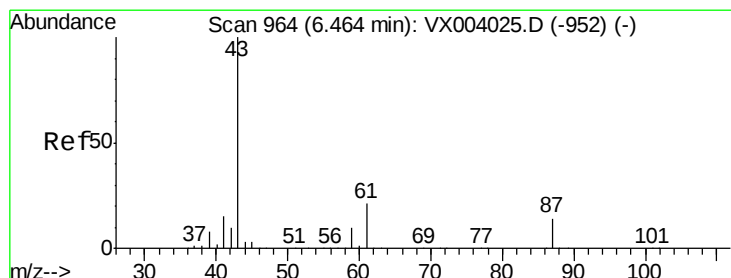
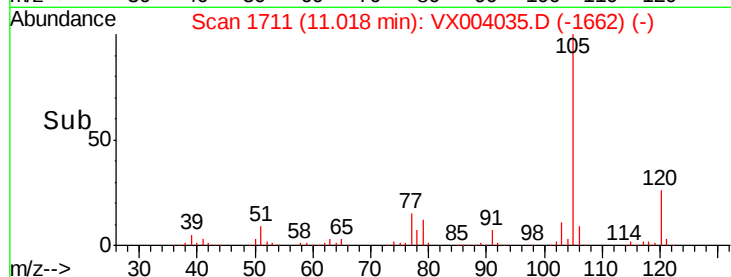
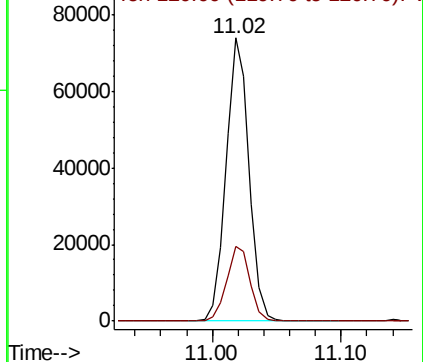
105 100

120 26.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.425 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Tgt Ion: 43 Resp: 3615

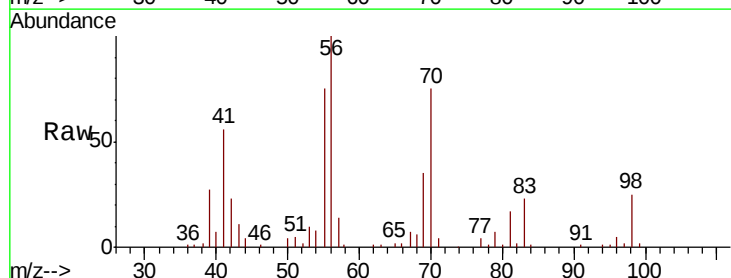
Ion Ratio Lower Upper

43 100

70 674.4 0.0 0.0#

55 706.8 0.1 0.1#

61 0.6 16.9 25.3#

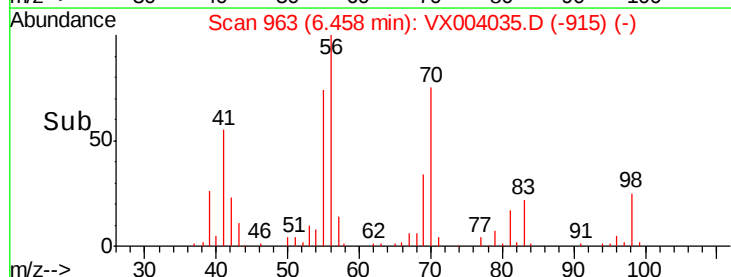
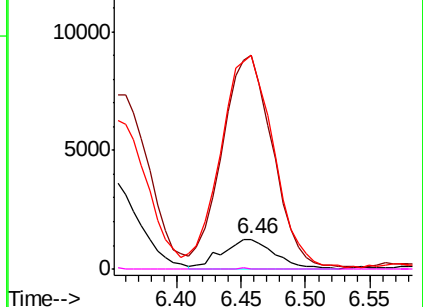


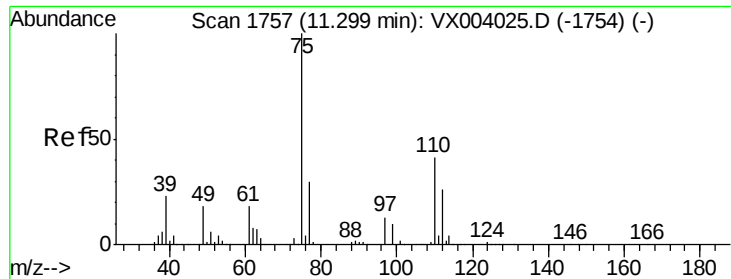
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 22.938 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

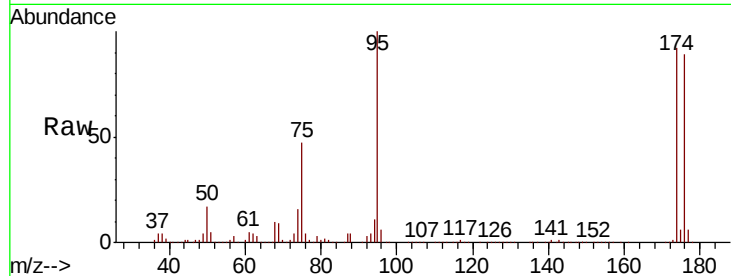
FL-0540DL

Tgt Ion: 75 Resp: 123063

Ion Ratio Lower Upper

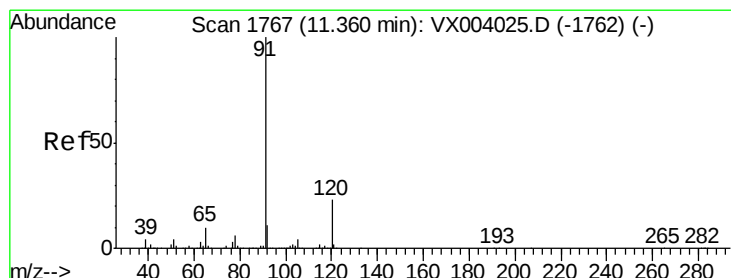
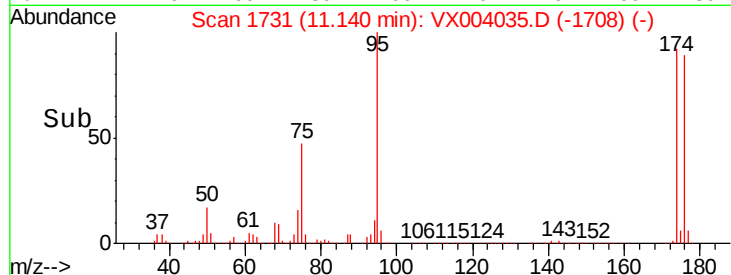
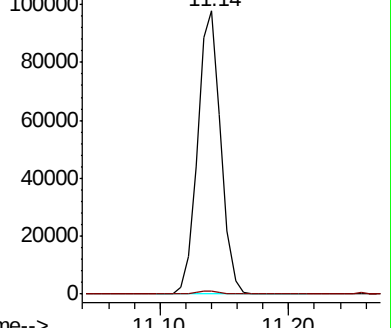
75 100

77 1.4 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: 10.050 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004035.D

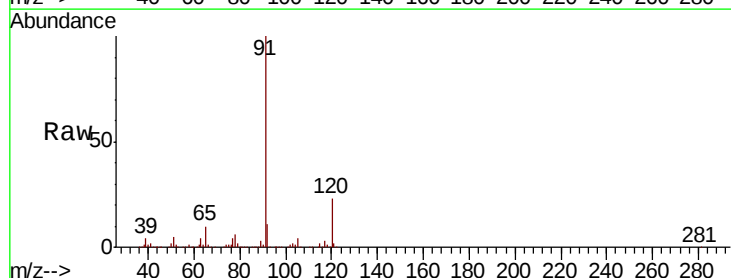
Acq: 14 Aug 2018 17:17

Tgt Ion: 91 Resp: 203628

Ion Ratio Lower Upper

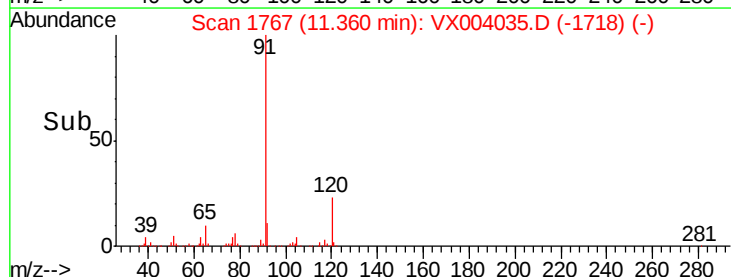
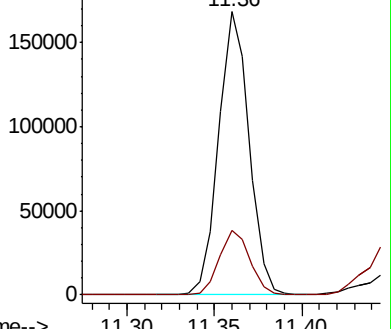
91 100

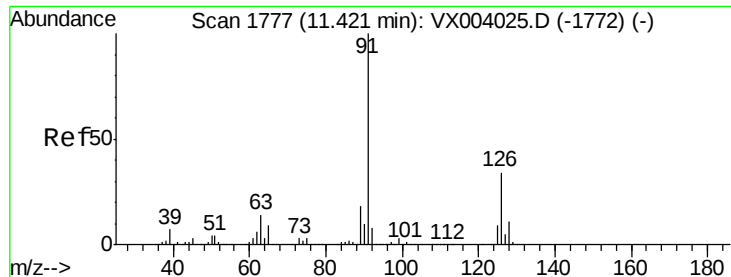
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

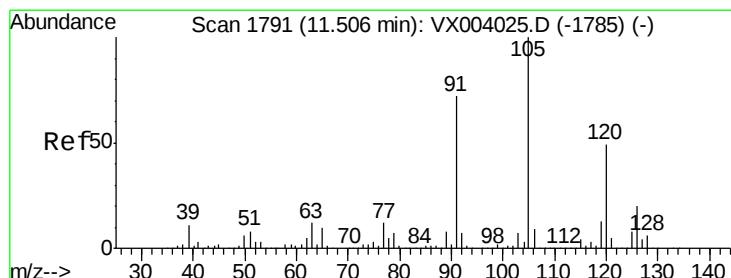
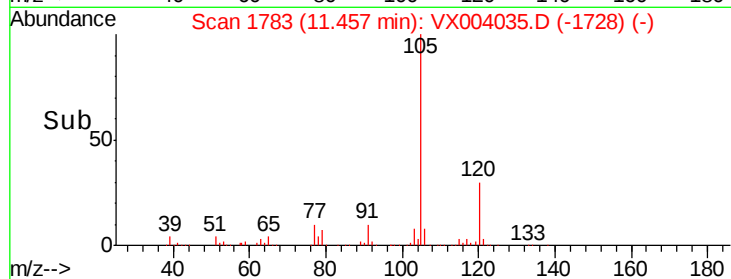
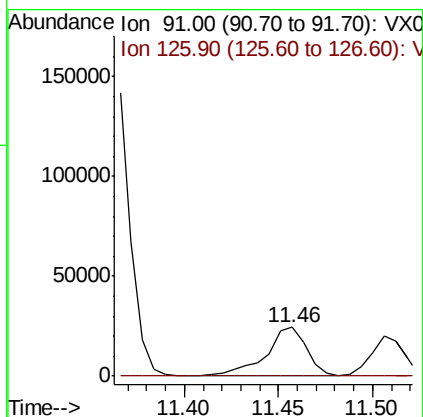
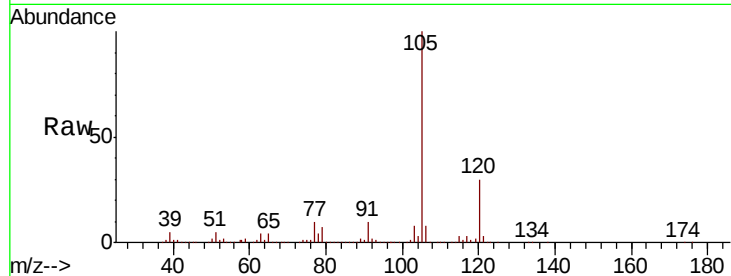




#79
 2-Chlorotoluene
 Concen: 2.996 ug/l
 RT: 11.46 min Scan# 1783
 Delta R.T. 0.04 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

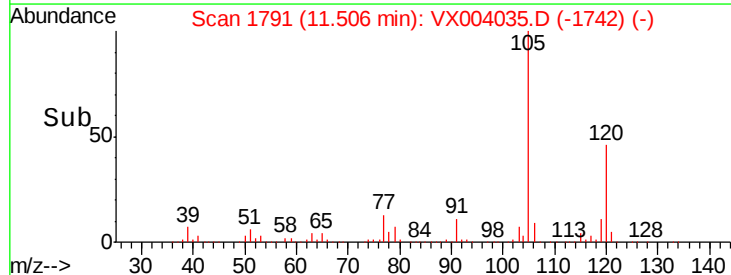
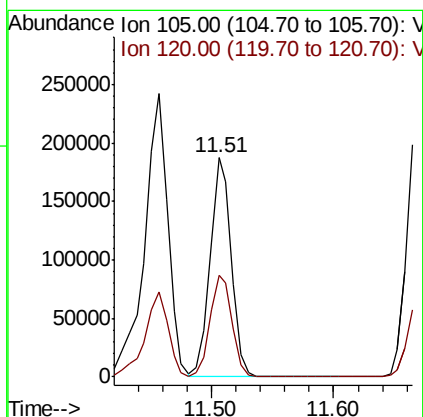
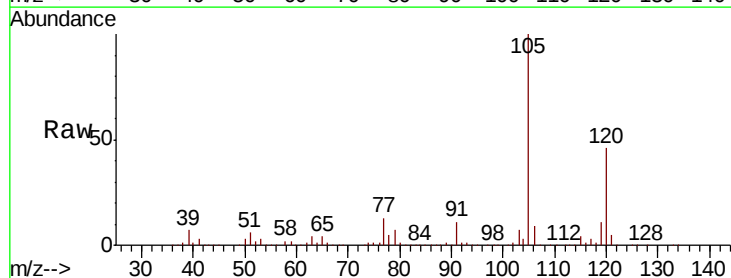
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0540DL

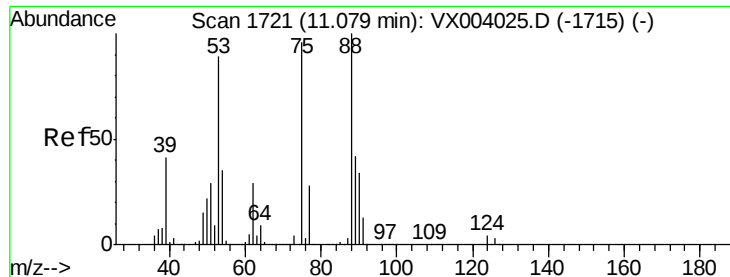
Tgt Ion: 91 Resp: 36987
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 15.371 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion: 105 Resp: 227854
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.4 76.2

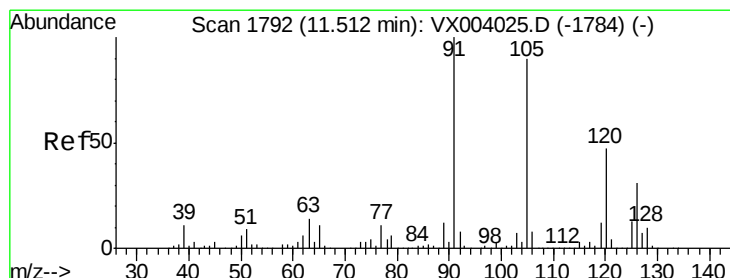
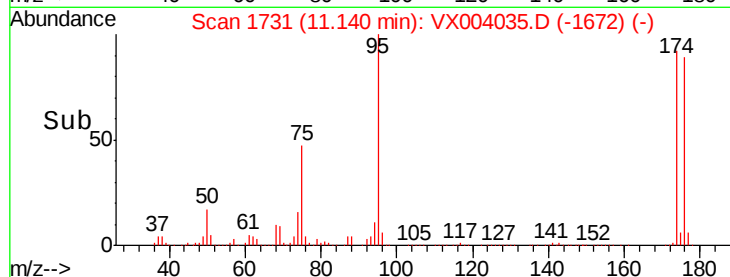
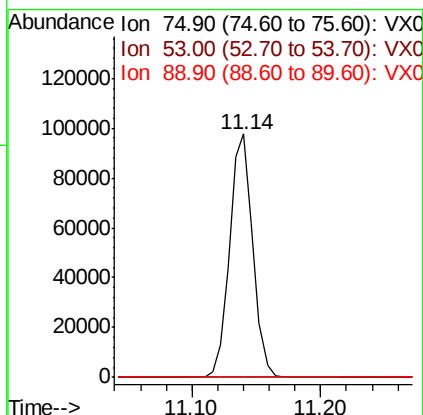
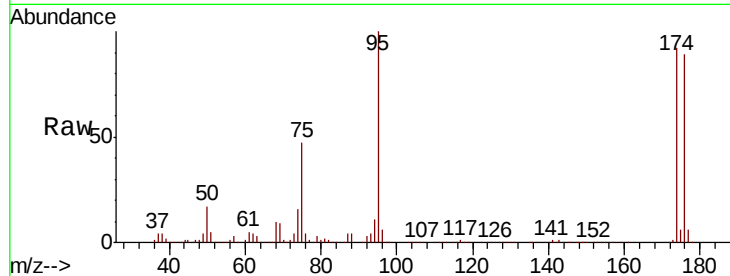




#81
trans-1,4-Dichloro-2-butene
Concen: 71.005 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

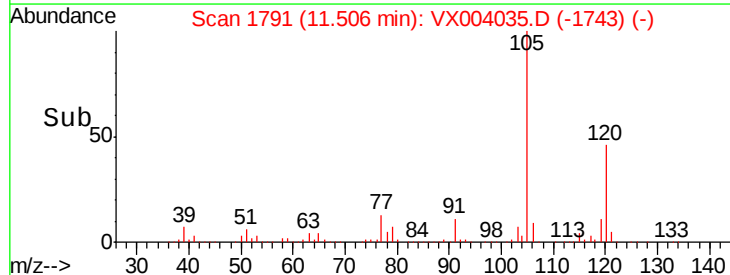
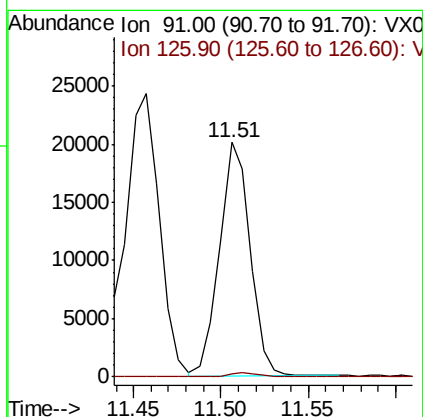
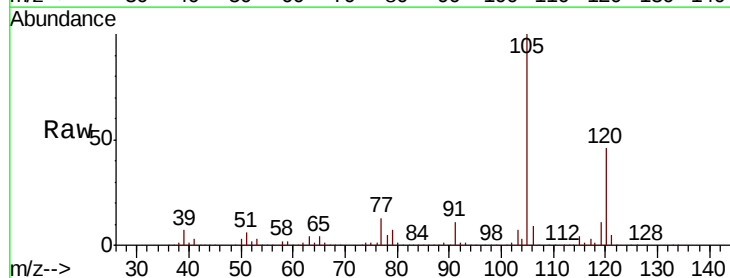
Instrument :
MSVOA_X
ClientSampleId :
FL-0540DL

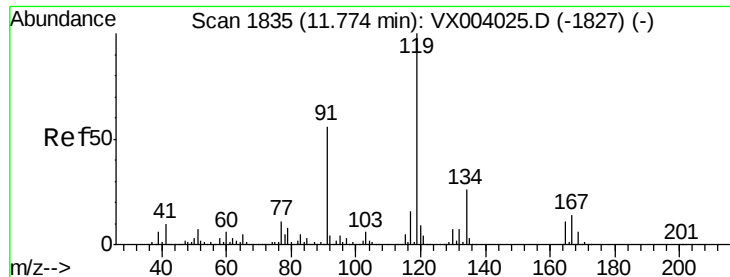
Tgt Ion: 75 Resp: 123063
Ion Ratio Lower Upper
75 100
53 0.2 80.3 120.5#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 1.674 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX004035.D
Acq: 14 Aug 2018 17:17

Tgt Ion: 91 Resp: 24430
Ion Ratio Lower Upper
91 100
126 2.0 15.6 46.7#

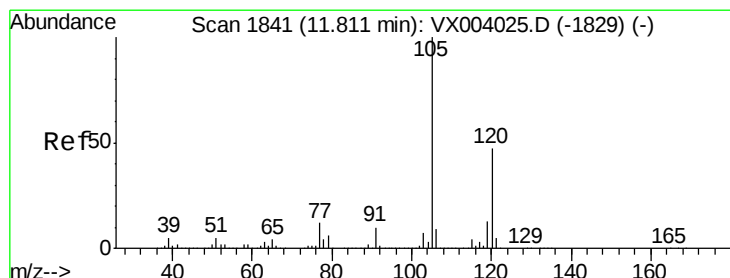
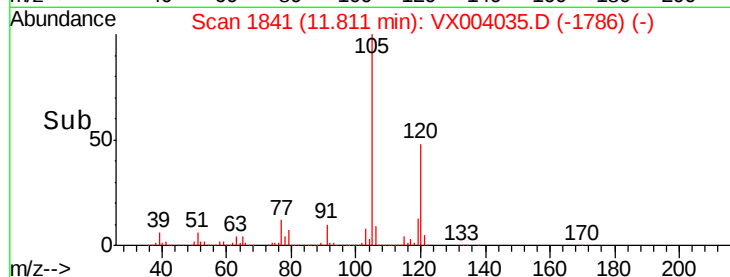
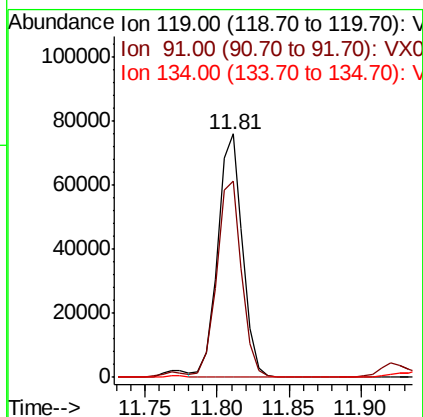
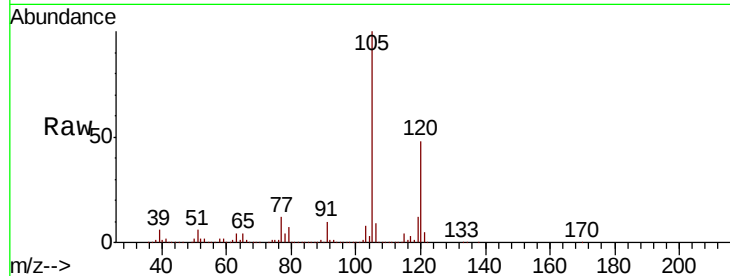




#83
 tert-Butylbenzene
 Concen: 6.127 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.04 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

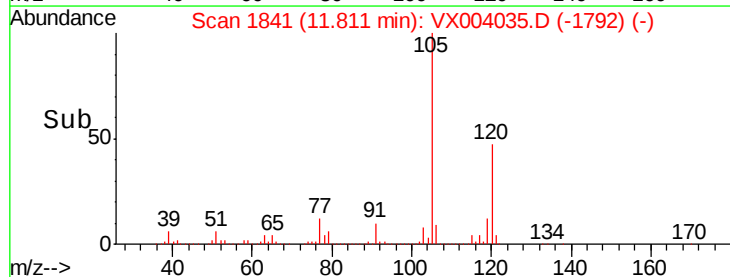
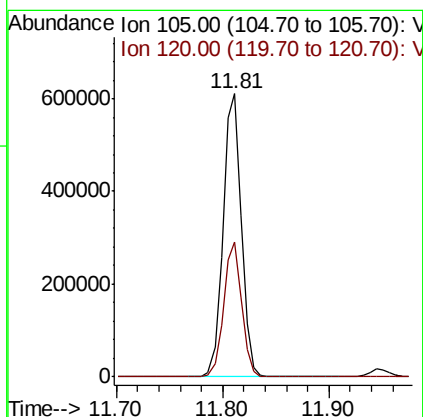
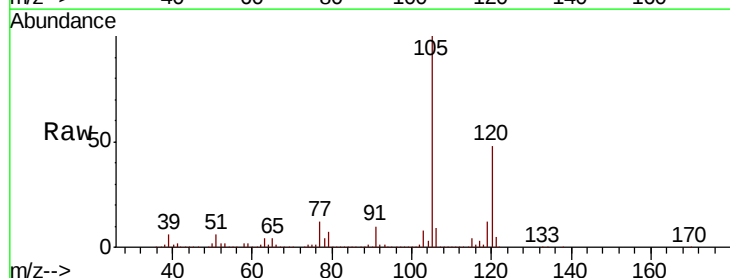
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540DL

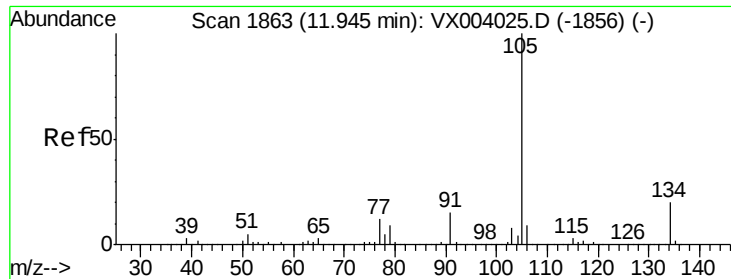
Tgt Ion:119 Resp: 91575
 Ion Ratio Lower Upper
 119 100
 91 81.1 26.9 80.7#
 134 0.4 12.0 36.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 47.563 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion:105 Resp: 730253
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2

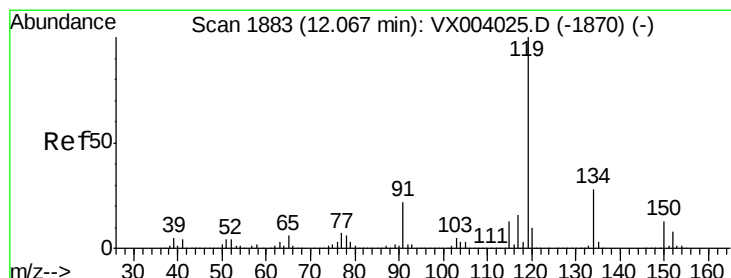
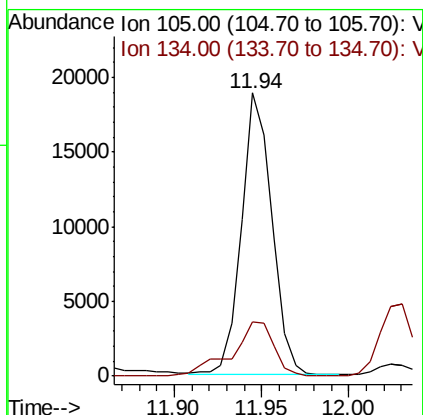
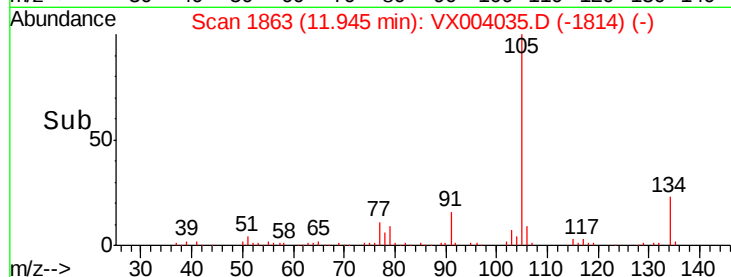
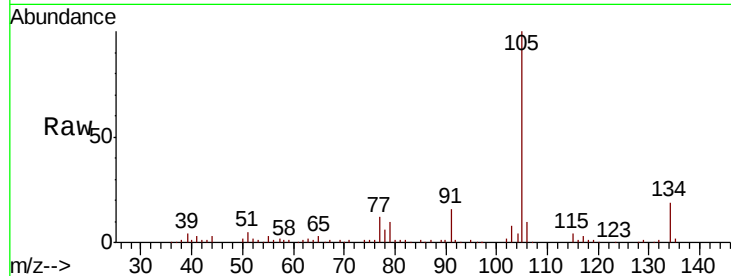




#85
 sec-Butylbenzene
 Concen: 1.296 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

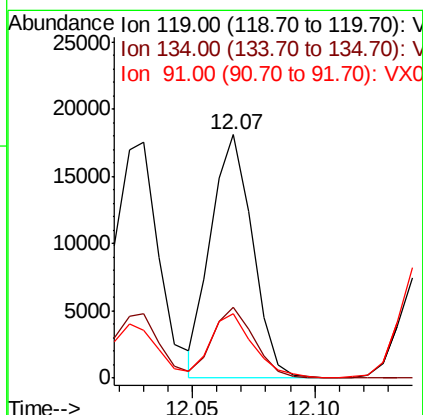
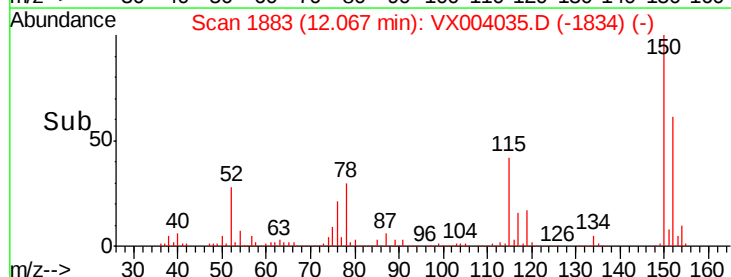
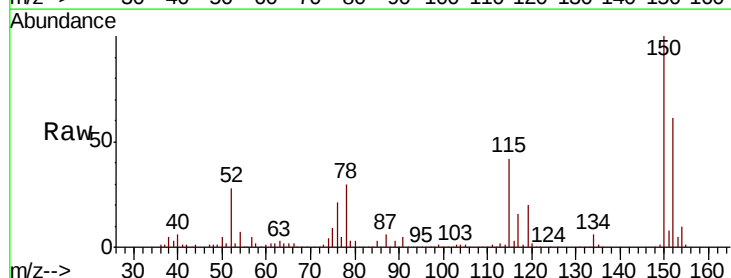
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540DL

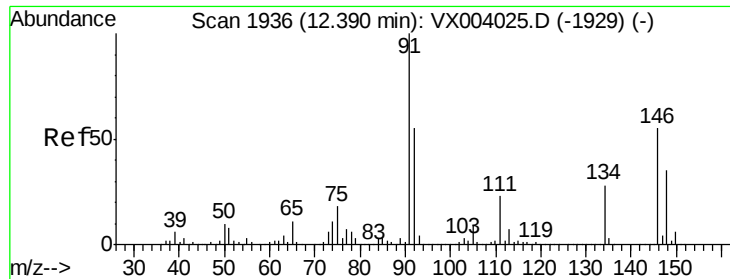
Tgt Ion:105 Resp: 22664
 Ion Ratio Lower Upper
 105 100
 134 27.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 1.353 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004035.D
 Acq: 14 Aug 2018 17:17

Tgt Ion:119 Resp: 21431
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.3 39.8
 91 26.6 10.9 32.7





#89

n-Butylbenzene

Concen: 1.829 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

FL-0540DL

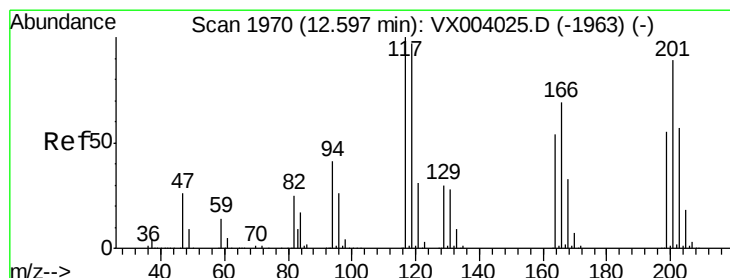
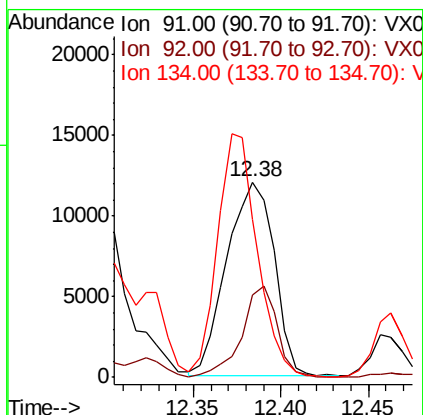
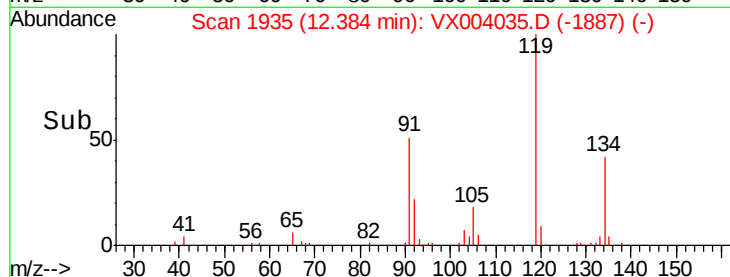
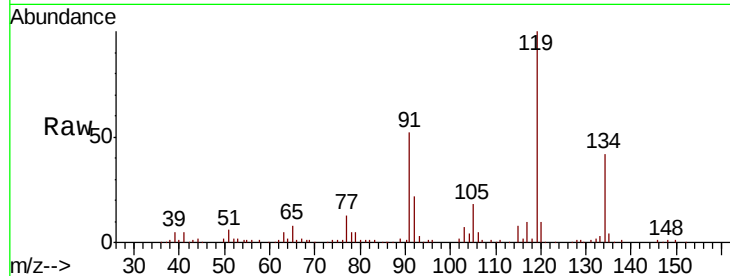
Tgt Ion: 91 Resp: 22823

Ion Ratio Lower Upper

91 100

92 35.1 27.1 81.3

134 104.3 13.6 40.7#



#90

Hexachloroethane

Concen: 1.876 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX004035.D

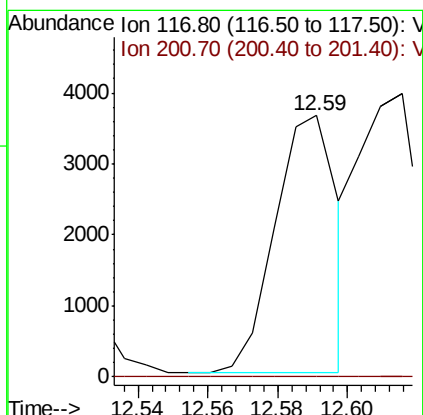
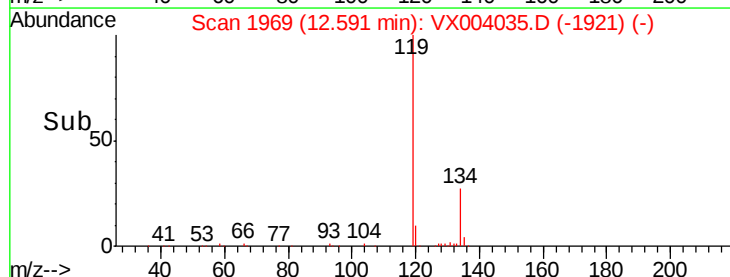
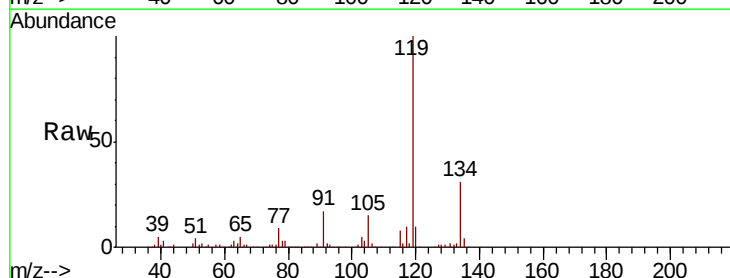
Acq: 14 Aug 2018 17:17

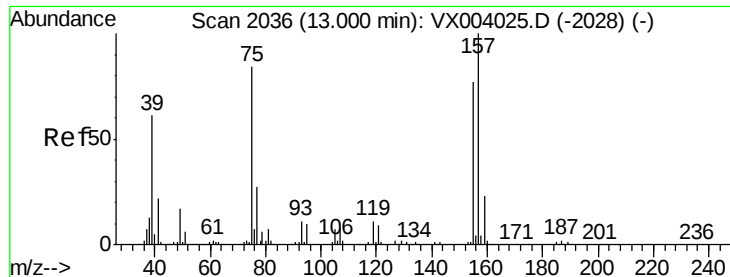
Tgt Ion: 117 Resp: 4445

Ion Ratio Lower Upper

117 100

201 0.0 46.1 138.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.391 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.02 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

FL-0540DL

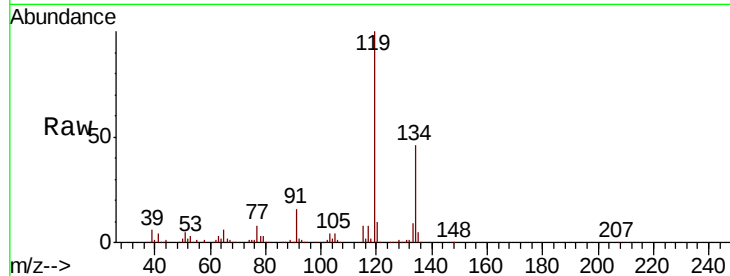
Tgt Ion: 75 Resp: 435

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

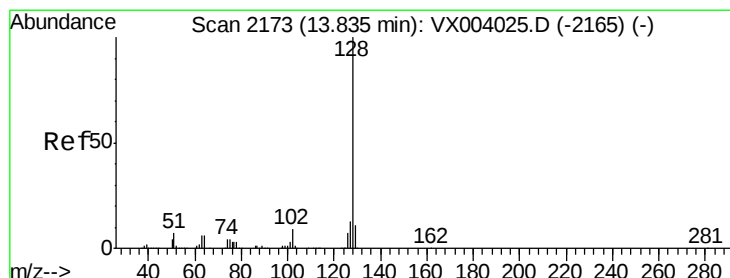
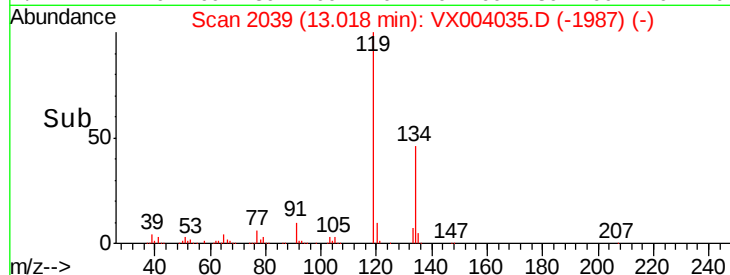
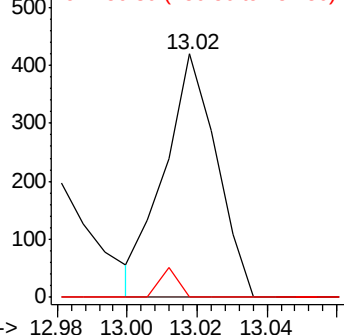
157 4.4 62.6 187.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 4.958 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004035.D

Acq: 14 Aug 2018 17:17

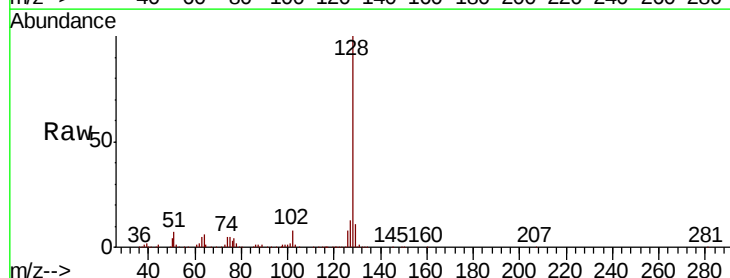
Tgt Ion: 128 Resp: 73005

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 12.2 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

