

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003699.D
 Acq On : 27 Jul 2018 05:33
 Operator : JC/SP
 Sample : J4154-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0510

Quant Time: Jul 27 06:45:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	94081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	159034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	77237	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	
35) Dibromofluoromethane	5.51	113	61203	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	8.72	98	260061	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.14	95	95309	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.57	64	4020	5.37	ug/l #	42
11) Tert butyl alcohol	3.07	59	109	0.33	ug/l #	72
13) Acrolein	2.40	56	13108	80.59	ug/l #	76
14) Allyl chloride	2.84	41	25588	11.28	ug/l #	69
15) Acrylonitrile	3.17	53	6640	8.25	ug/l #	39
16) Acetone	2.45	43	3123	4.77	ug/l	100
18) Methyl Acetate	2.84	43	57403	29.03	ug/l #	53
20) Methylene Chloride	2.84	84	443	0.34	ug/l #	1
25) 2-Butanone	4.71	43	1682	1.66	ug/l	94
26) 2,2-Dichloropropane	4.40	77	2388	1.62	ug/l #	51
29) Tetrahydrofuran	5.22	42	255	0.39	ug/l #	35
30) Chloroform	5.27	83	659	0.31	ug/l #	23
31) Cyclohexane	5.58	56	138087	73.69	ug/l	96
36) 1,1-Dichloropropene	5.67	75	6892	3.71	ug/l #	49
37) Ethyl Acetate	4.71	43	1682	0.75	ug/l #	67
38) Carbon Tetrachloride	5.67	117	8844	4.94	ug/l #	13
39) Methylcyclohexane	7.46	83	80010	39.10	ug/l	96
41) Methacrylonitrile	5.24	41	3563	2.88	ug/l #	48
43) Isopropyl Acetate	6.45	43	1982	0.61	ug/l #	61
45) 1,2-Dichloropropane	7.47	63	951	0.67	ug/l #	1
48) Methyl methacrylate	7.73	41	5673	3.43	ug/l #	59
51) 4-Methyl-2-Pentanone	8.66	43	1042	0.47	ug/l #	36
52) Toluene	8.79	92	34523	10.10	ug/l	97
53) t-1,3-Dichloropropene	8.79	75	412	0.22	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	4470	3.20	ug/l #	18
56) Ethyl methacrylate	9.17	69	1037	0.50	ug/l #	1
59) 2-Hexanone	9.52	43	515	0.31	ug/l #	56
67) Ethyl Benzene	10.26	91	2437000	427.98	ug/l	99
68) m/p-Xylenes	10.37	106	2012213	921.15	ug/l	97
69) o-Xylene	10.70	106	1317672	626.58	ug/l	99
70) Styrene	10.70	104	63972	18.11	ug/l #	1
73) Isopropylbenzene	11.02	105	346537	53.19	ug/l	99
74) N-amyl acetate	6.45	43	1982	0.58	ug/l #	57
76) 1,2,3-Trichloropropane	11.36	75	3782	1.89	ug/l #	1

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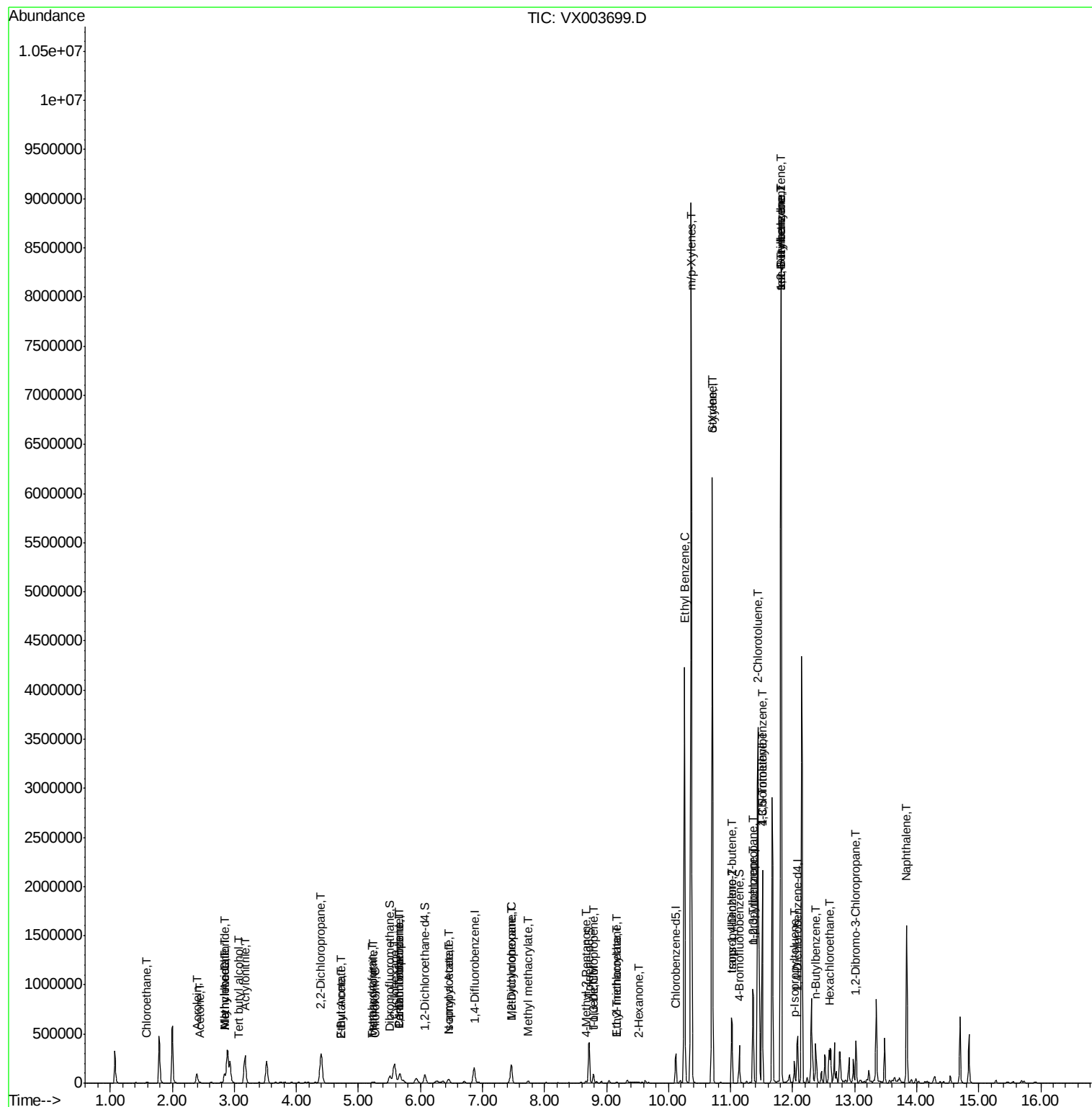
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.36	91	571506	75.97	ug/l	99
79) 2-Chlorotoluene	11.44	91	295243	64.57	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	960027	174.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.02	75	4081	6.32	ug/l #	66
82) 4-Chlorotoluene	11.51	91	98779	18.34	ug/l #	44
83) tert-Butylbenzene	11.81	119	479332	88.87	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.81	105	3702138	653.51	ug/l	97
85) sec-Butylbenzene	11.81	105	3702138	575.08	ug/l #	56
86) p-Isopropyltoluene	12.03	119	97894	16.94	ug/l	98
89) n-Butylbenzene	12.38	91	52373	10.06	ug/l #	13
90) Hexachloroethane	12.59	117	15834	18.09	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1422	2.84	ug/l #	1
95) Naphthalene	13.83	128	1005097	138.32	ug/l	100

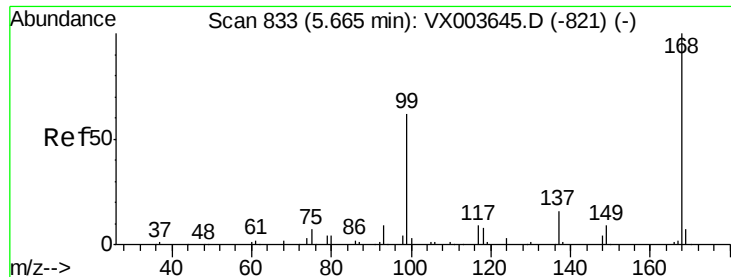
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampled :

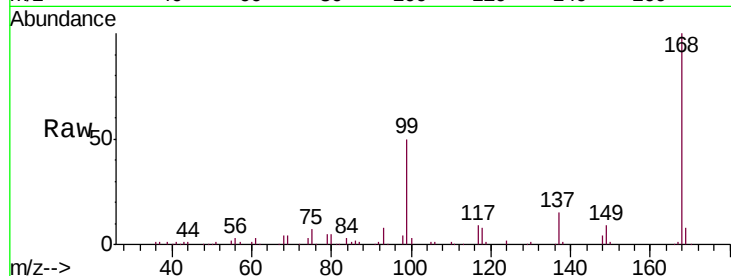
FL-0510

Tot Ion:168 Resp: 94081

Ion Ratio Lower Upper

168 100

99 49.9 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

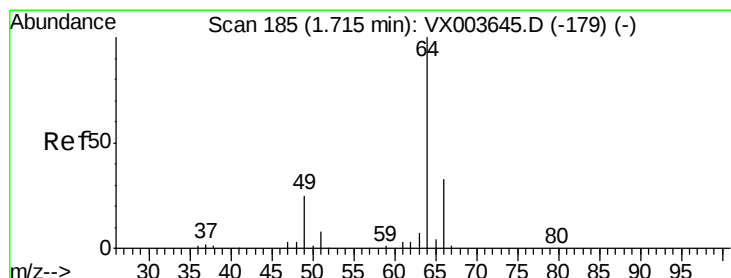
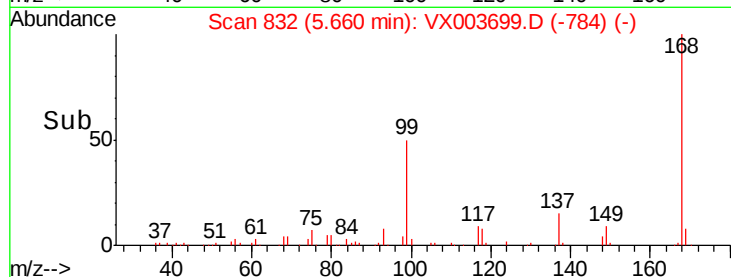
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 5.37 ug/l

RT: 1.57 min Scan# 161

Delta R.T. -0.15 min

Lab File: VX003699.D

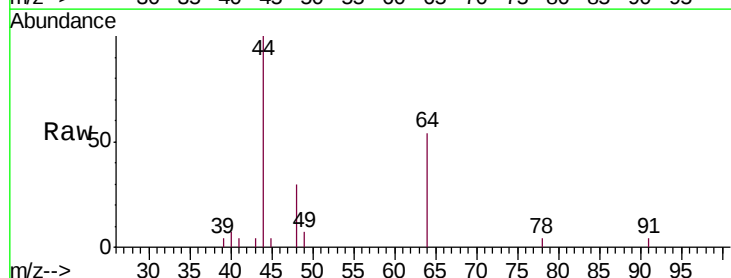
Acq: 27 Jul 2018 05:33

Tgt Ion: 64 Resp: 4020

Ion Ratio Lower Upper

64 100

66 0.0 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.57

1000

800

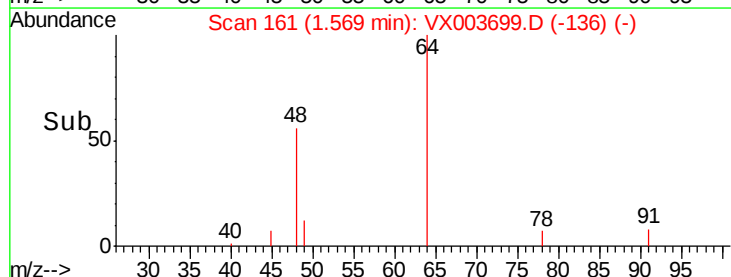
600

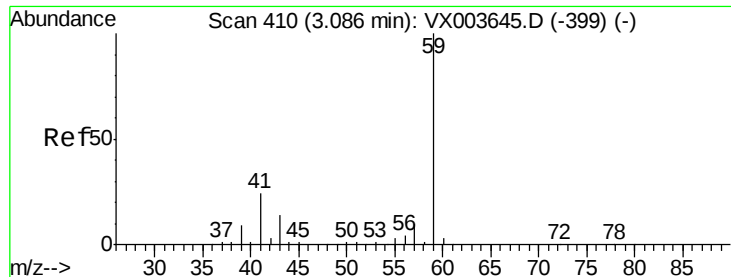
400

200

0

Time--> 1.40 1.50 1.60



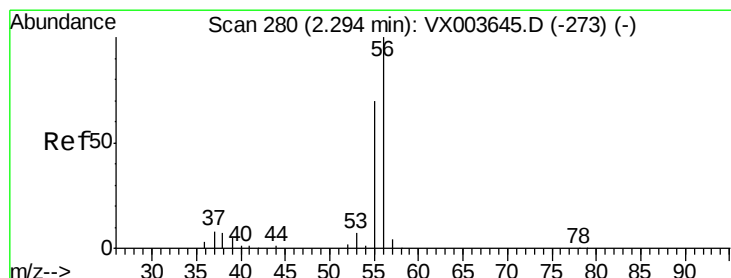
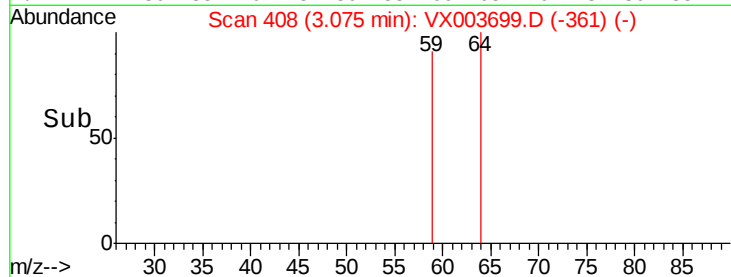
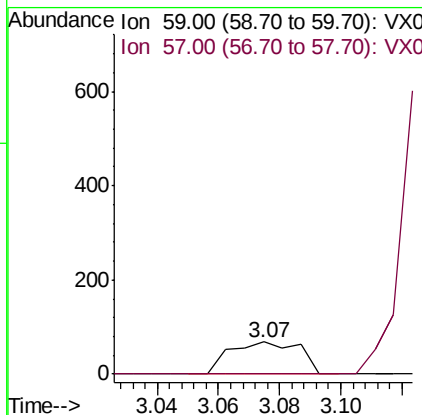
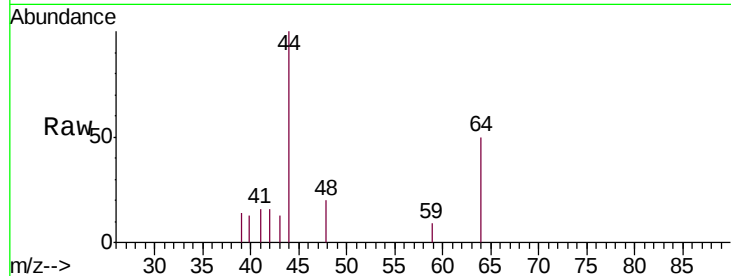


#11

Tert butyl alcohol
 Concen: 0.33 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0510

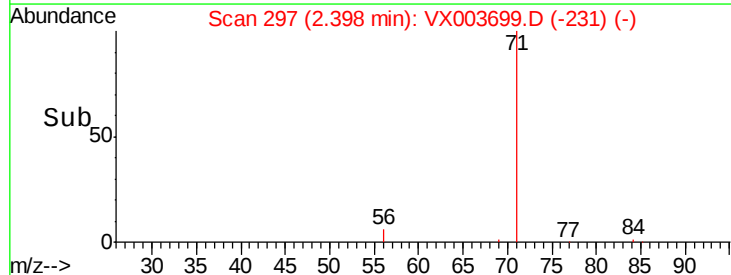
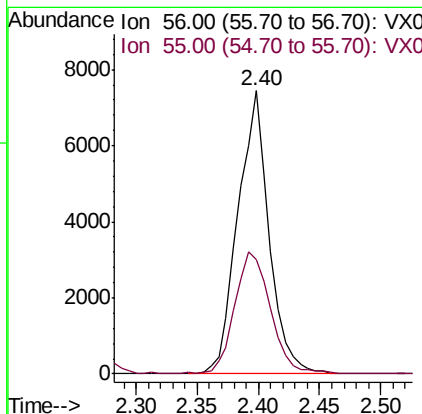
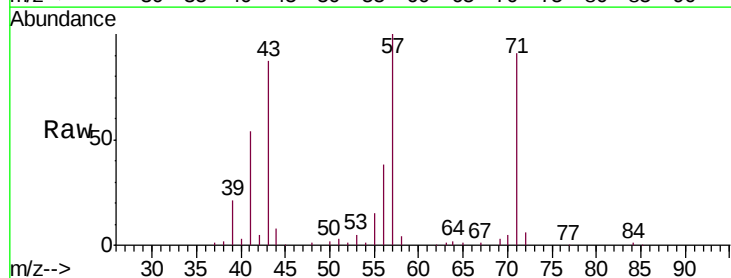
Tot Ion: 59 Resp: 109
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

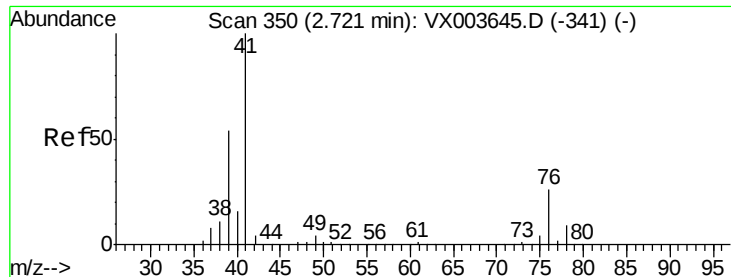


#13

Acrolein
 Concen: 80.59 ug/l
 RT: 2.40 min Scan# 297
 Delta R.T. 0.10 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

Tgt Ion: 56 Resp: 13108
 Ion Ratio Lower Upper
 56 100
 55 49.9 55.4 83.2#





#14

Allvl chloride

Concen: 11.28 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampled :

FL-0510

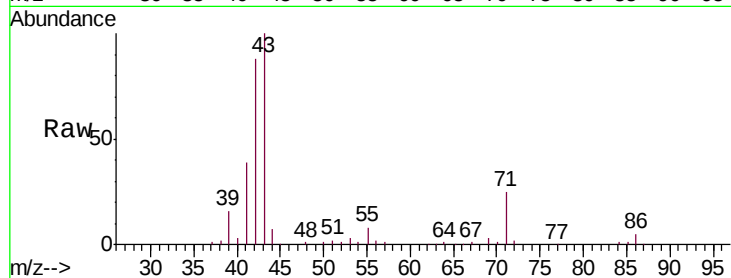
Tot Ion: 41 Resp: 25588

Ion Ratio Lower Upper

41 100

39 42.7 45.3 67.9#

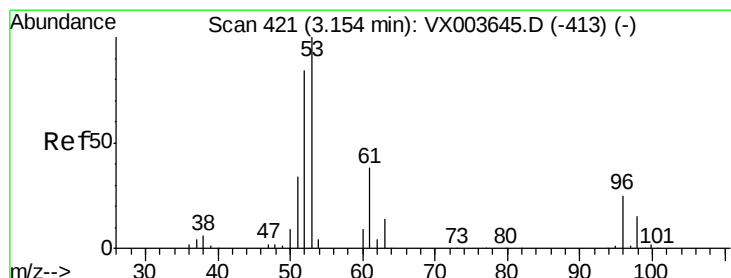
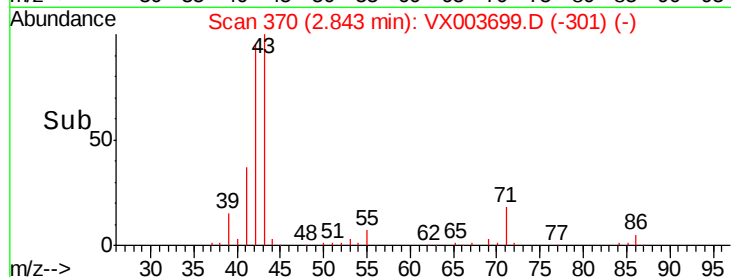
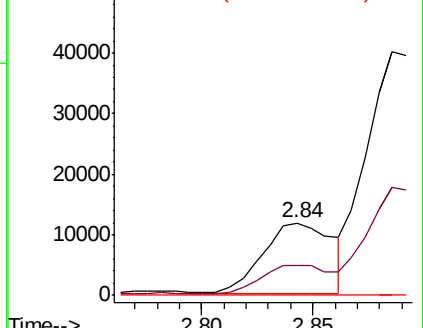
76 0.0 23.8 35.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 8.25 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

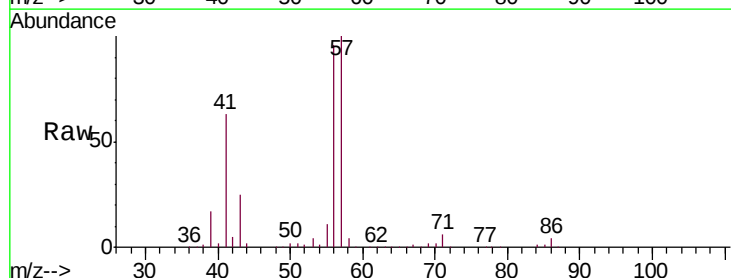
Tgt Ion: 53 Resp: 6640

Ion Ratio Lower Upper

53 100

52 19.9 66.1 99.1#

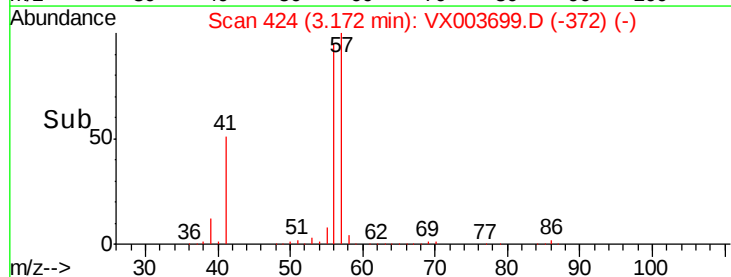
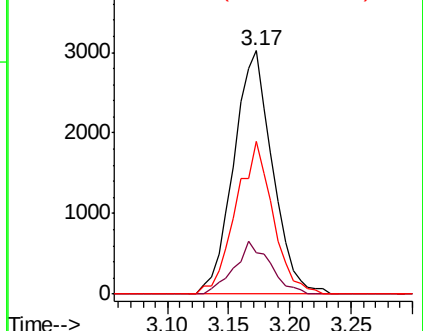
51 59.8 28.2 42.4#

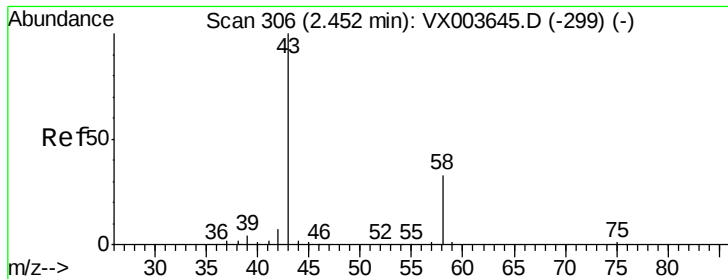


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 4.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

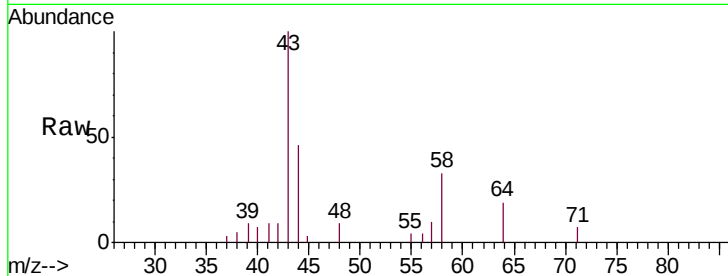
FL-0510

Tot Ion: 43 Resp: 3123

Ion Ratio Lower Upper

43 100

58 32.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

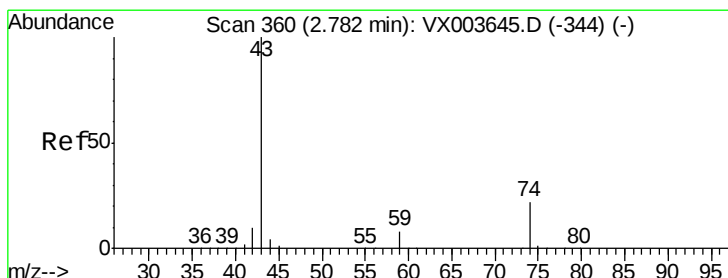
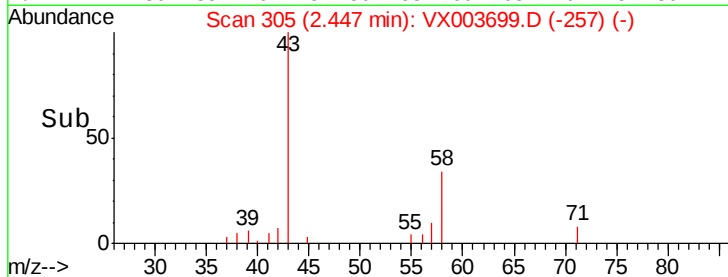
15000

10000

5000

0

Time--> 2.40 2.45 2.50



#18

Methyl Acetate

Concen: 29.03 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003699.D

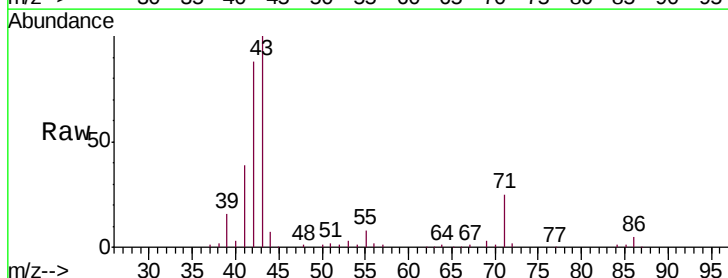
Acq: 27 Jul 2018 05:33

Tgt Ion: 43 Resp: 57403

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

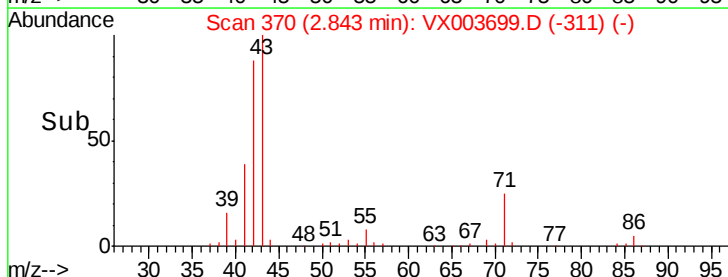
60000

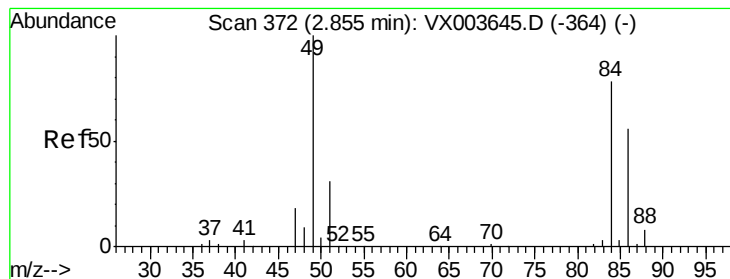
40000

20000

0

Time--> 2.80 2.85





#20

Methvlene Chloride

Concen: 0.34 ug/l

RT: 2.84 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0510

Tot Ion: 84 Resp: 443

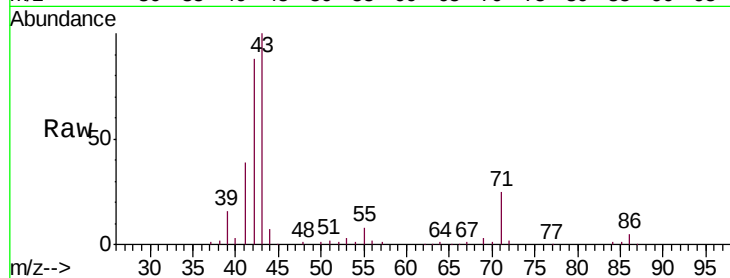
Ion Ratio Lower Upper

84 100

49 0.0 102.3 153.5#

51 213.0 31.8 47.8#

86 640.4 57.4 86.2#

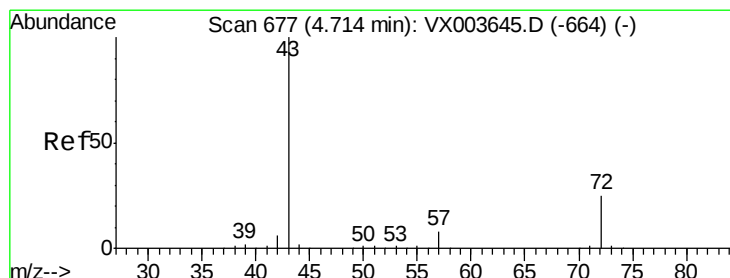
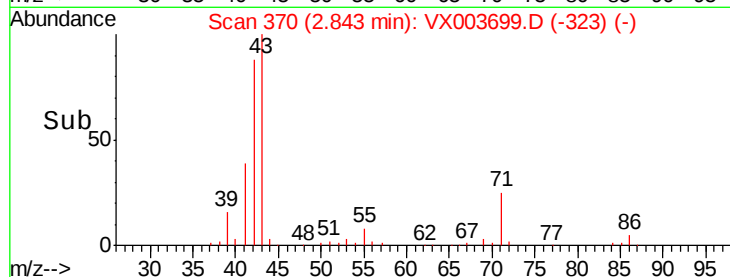
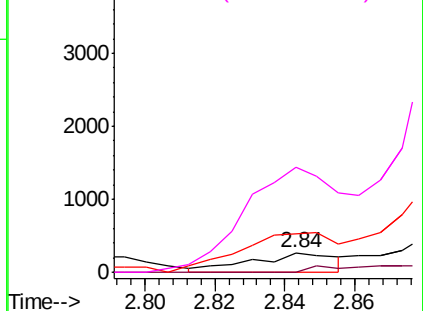


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.66 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003699.D

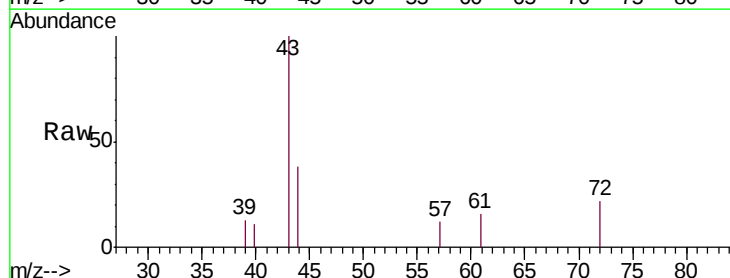
Acq: 27 Jul 2018 05:33

Tgt Ion: 43 Resp: 1682

Ion Ratio Lower Upper

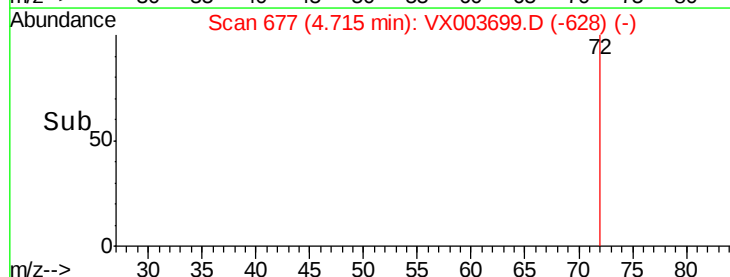
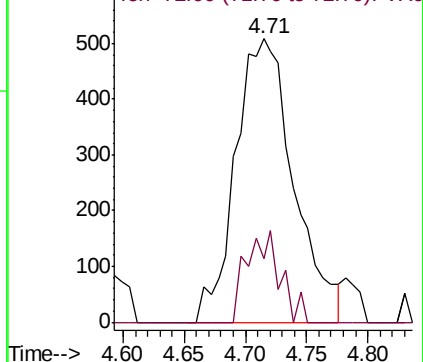
43 100

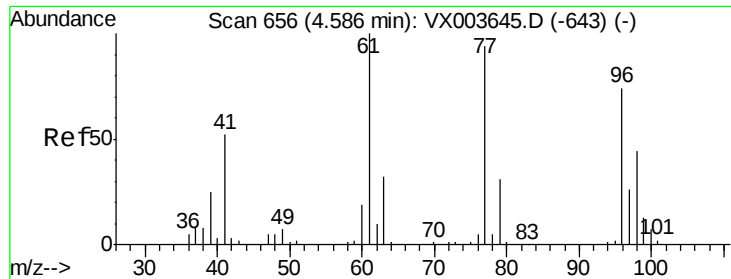
72 22.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

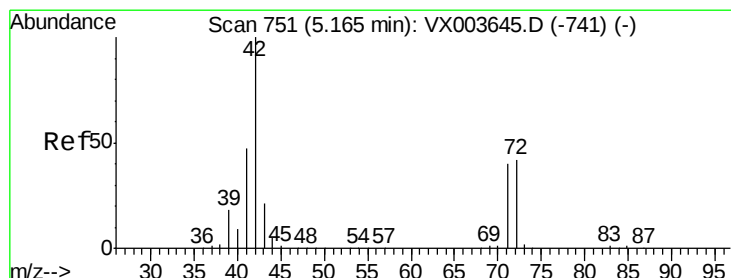
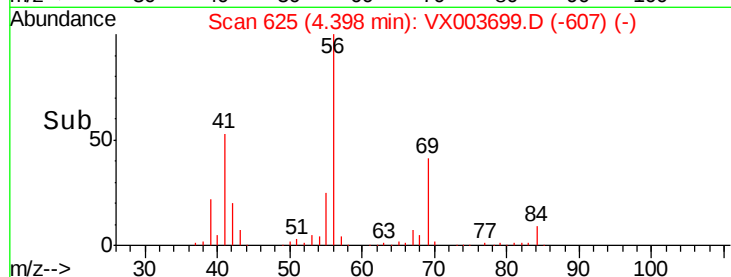
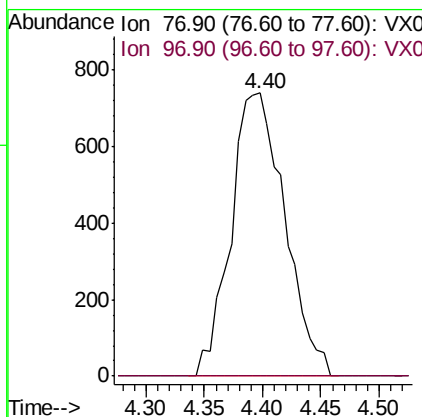
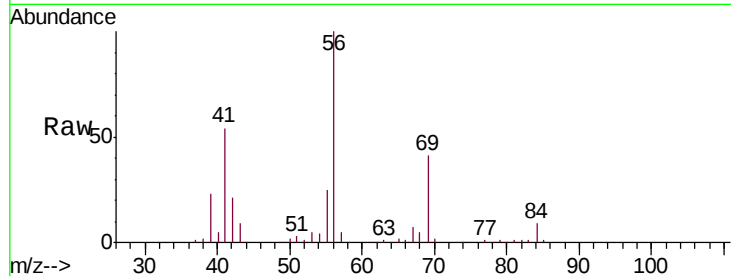




#26
 2,2-Dichloropropane
 Concen: 1.62 ug/l
 RT: 4.40 min Scan# 625
 Delta R.T. -0.19 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

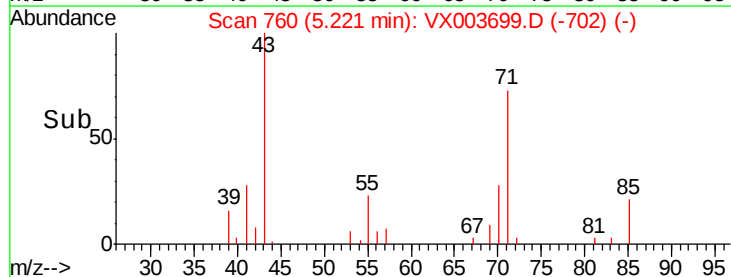
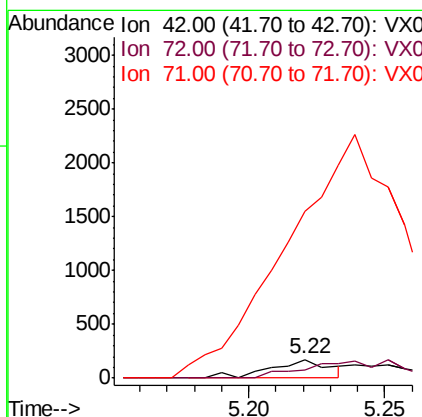
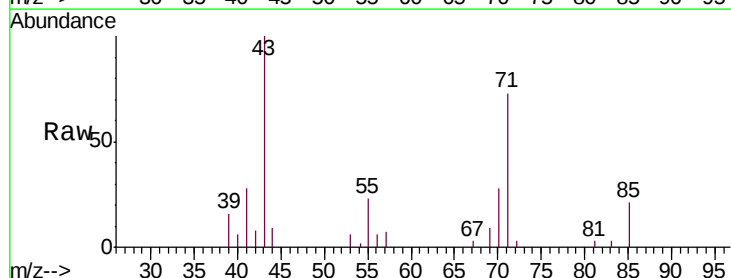
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0510

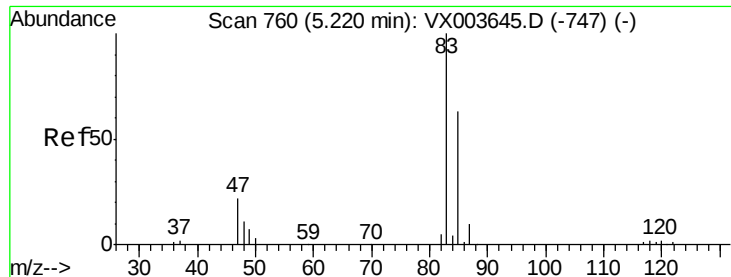
Tot Ion: 77 Resp: 2388
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.0 36.0#



#29
 Tetrahydrofuran
 Concen: 0.39 ug/l
 RT: 5.22 min Scan# 760
 Delta R.T. 0.06 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

Tgt Ion: 42 Resp: 255
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.4 50.0#
 71 0.0 31.0 46.6#

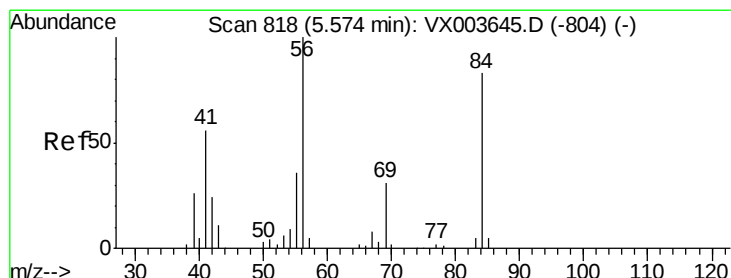
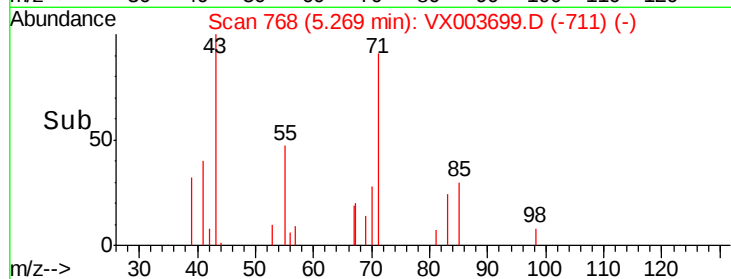
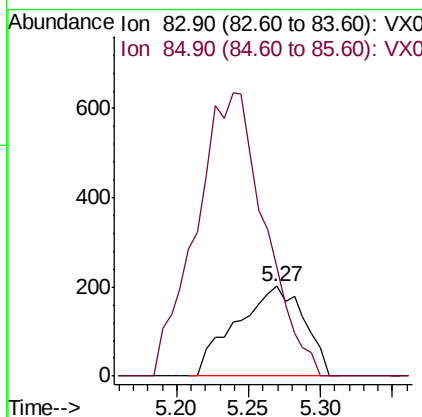
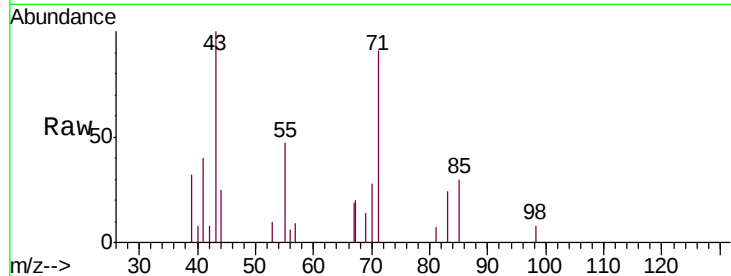




#30
Chloroform
Concen: 0.31 ug/l
RT: 5.27 min Scan# 768
Delta R.T. 0.05 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

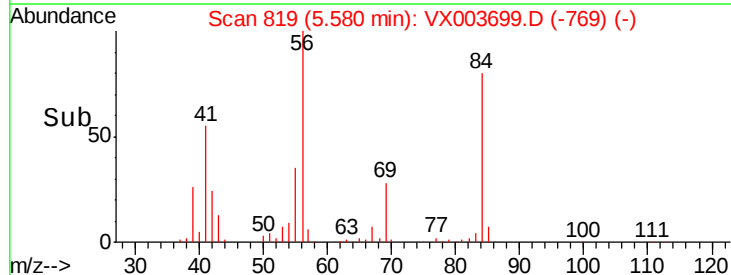
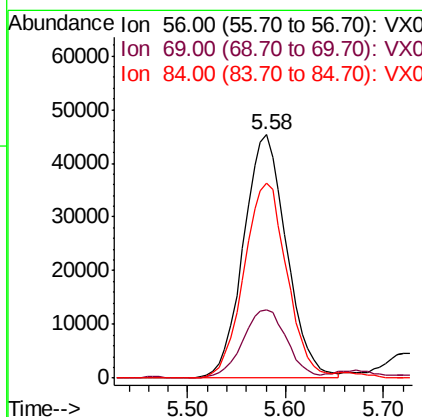
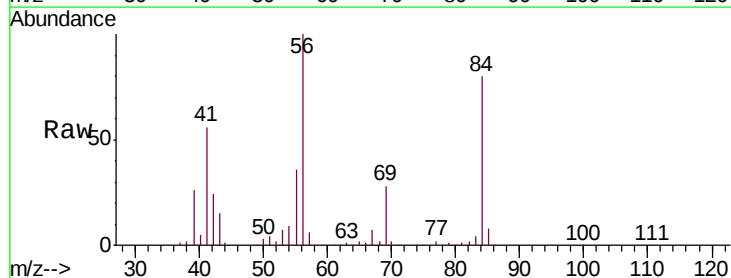
Instrument :
MSVOA_X
ClientSampled :
FL-0510

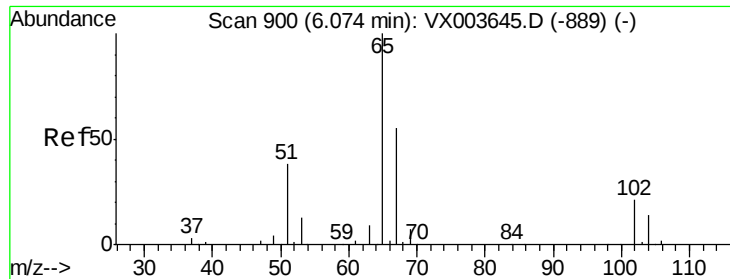
Tot Ion: 83 Resp: 659
Ion Ratio Lower Upper
83 100
85 122.4 50.2 75.4#



#31
Cyclohexane
Concen: 73.69 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion: 56 Resp: 138087
Ion Ratio Lower Upper
56 100
69 27.8 25.0 37.6
84 80.0 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 55.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

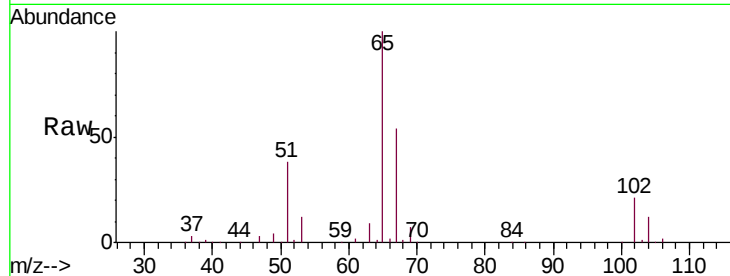
FL-0510

Tot Ion: 65 Resp: 77237

Ion Ratio Lower Upper

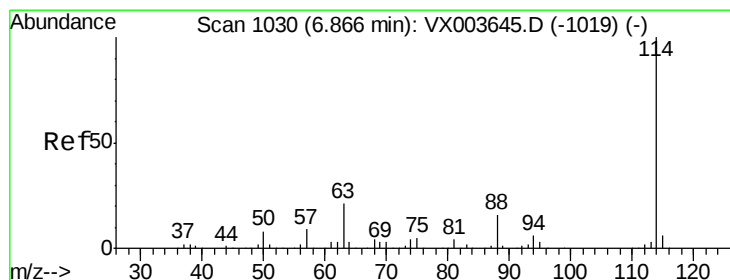
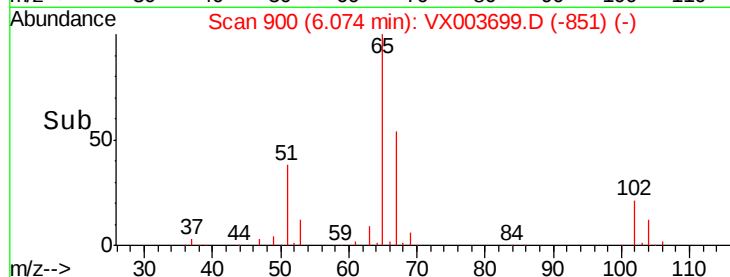
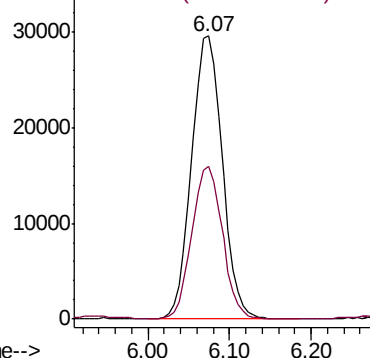
65 100

67 53.6 0.0 107.8



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

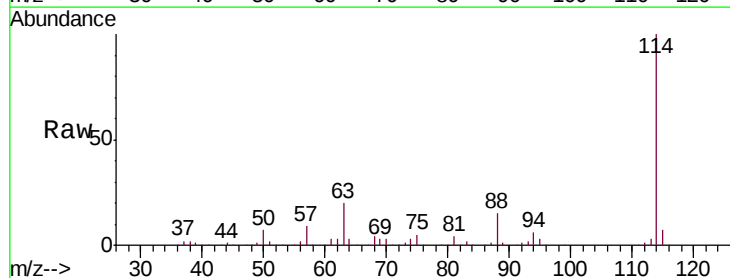
Tgt Ion: 114 Resp: 159034

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

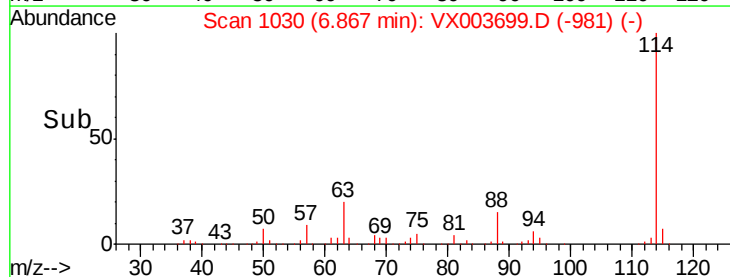
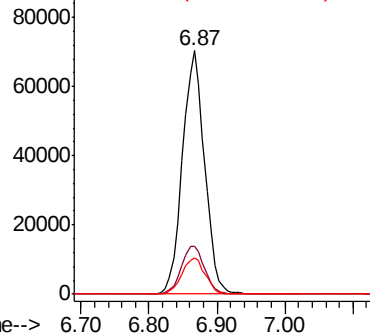
88 15.1 0.0 31.8

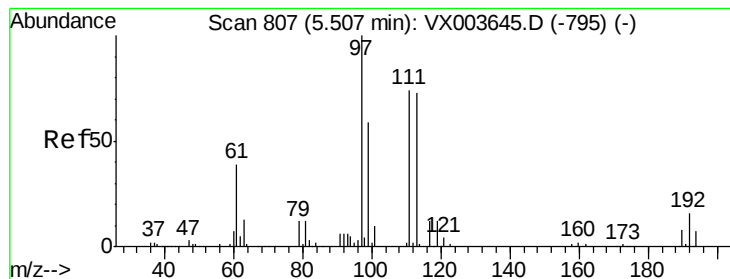


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0510

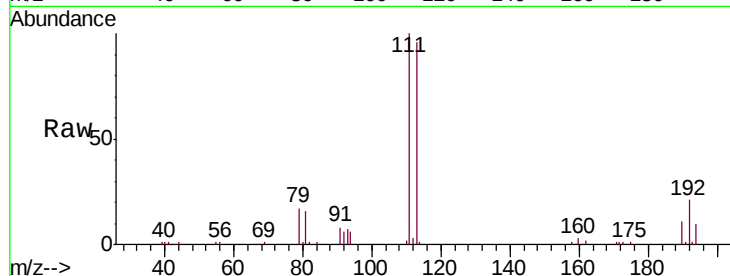
Tot Ion:113 Resp: 61203

Ion Ratio Lower Upper

113 100

111 103.9 81.2 121.8

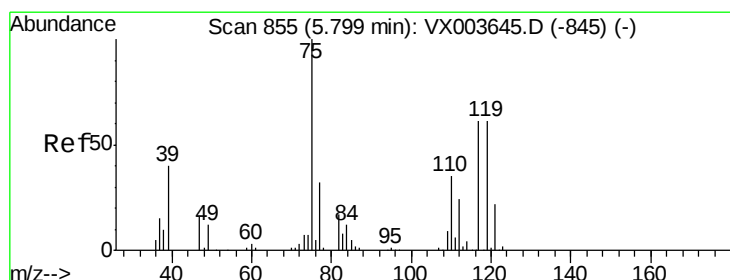
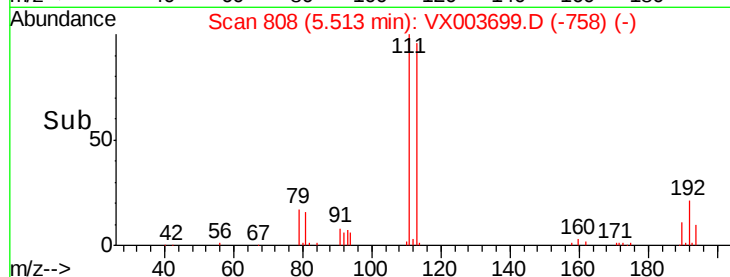
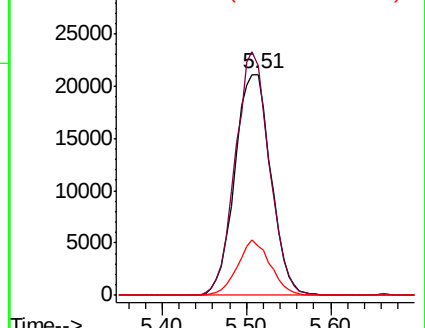
192 22.7 18.2 27.4



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: 3.71 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

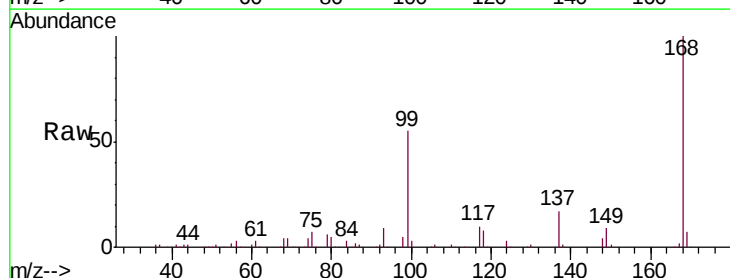
Tgt Ion: 75 Resp: 6892

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.1#

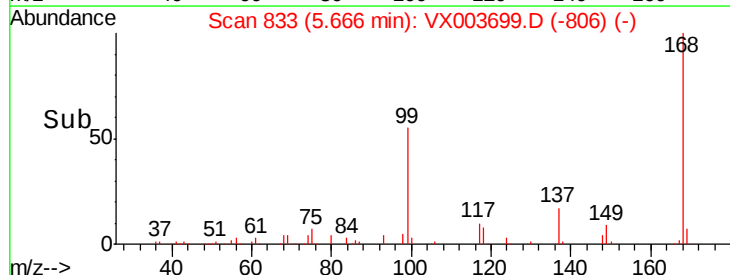
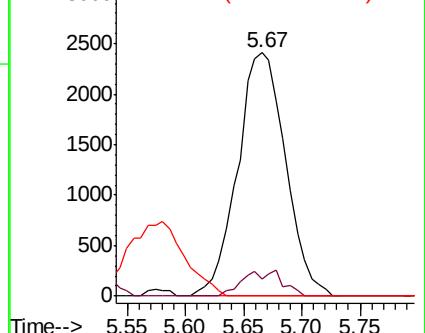
77 0.0 25.1 37.7#

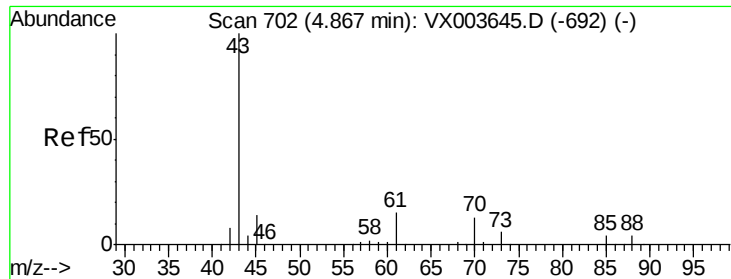


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

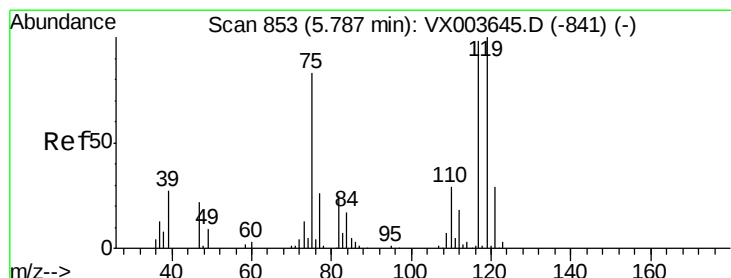
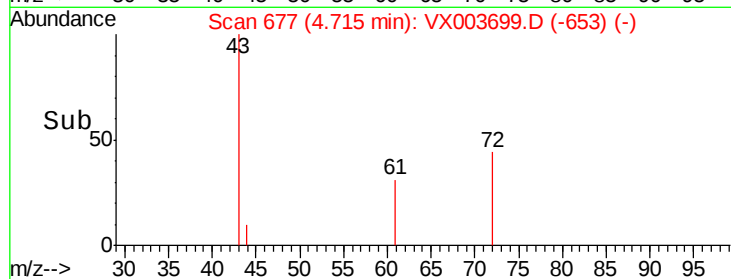
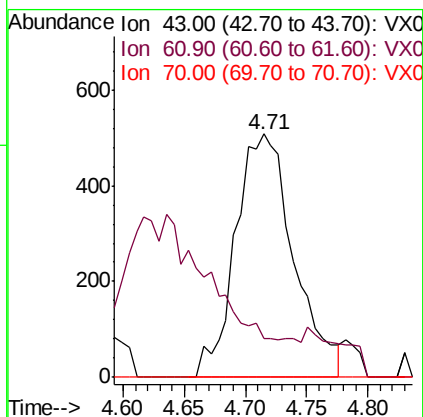
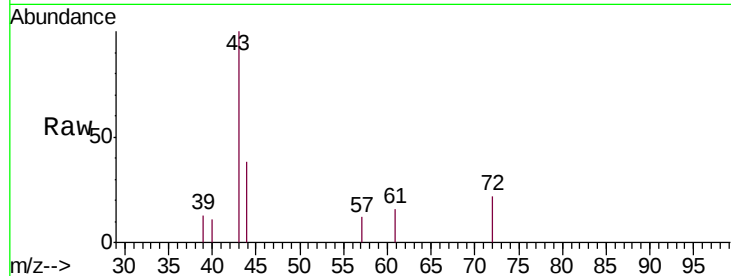




#37
Ethyl Acetate
Concen: 0.75 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

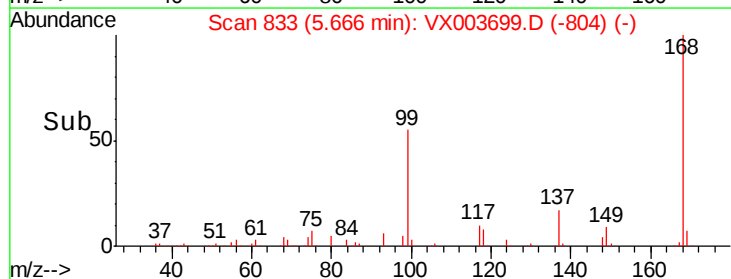
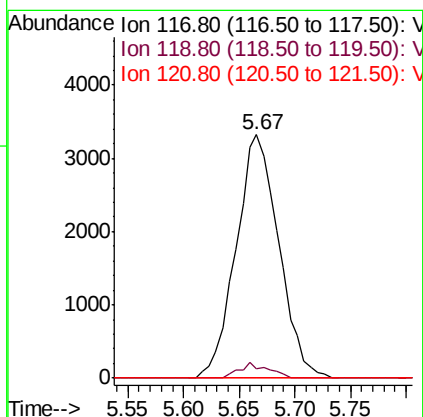
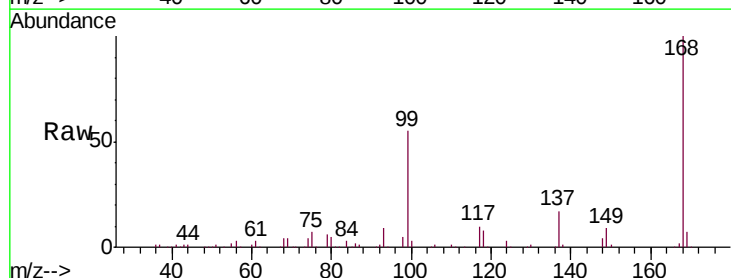
Instrument :
MSVOA_X
ClientSampled :
FL-0510

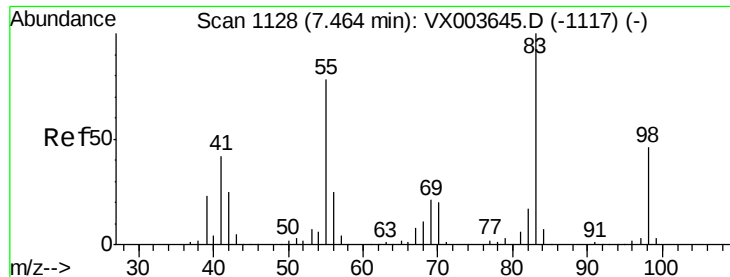
Tot Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion: 117 Resp: 8844
Ion Ratio Lower Upper
117 100
119 3.9 81.0 121.4#
121 0.0 23.7 35.5#

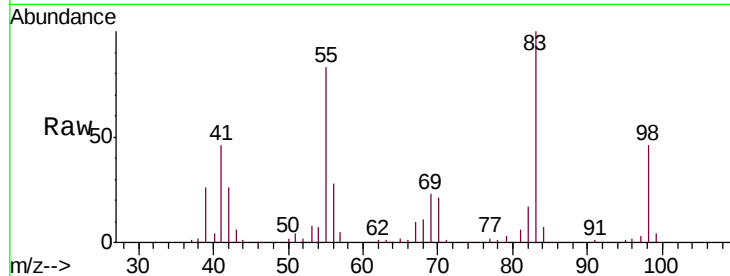




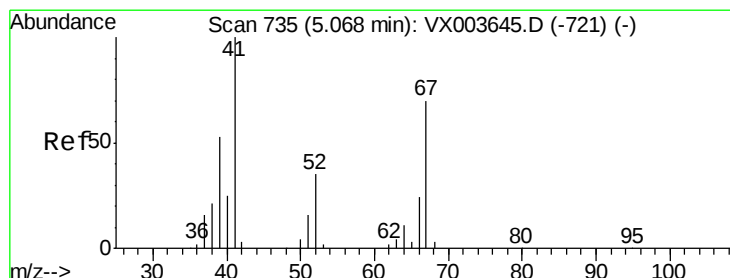
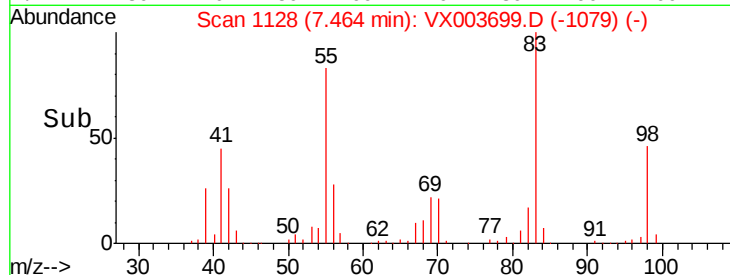
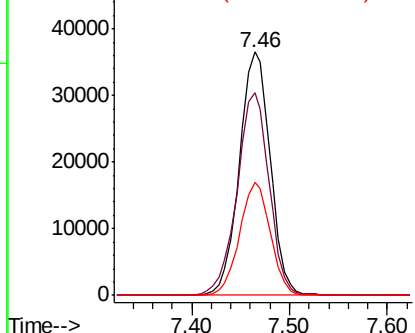
#39
Methvlcvclohexane
Concen: 39.10 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Instrument :
MSVOA_X
ClientSampleId :
FL-0510

Tot Ion: 83 Resp: 80010
Ion Ratio Lower Upper
83 100
55 83.0 62.6 93.8
98 46.2 36.6 55.0

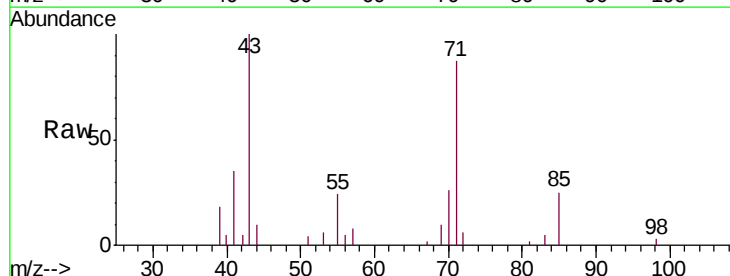


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

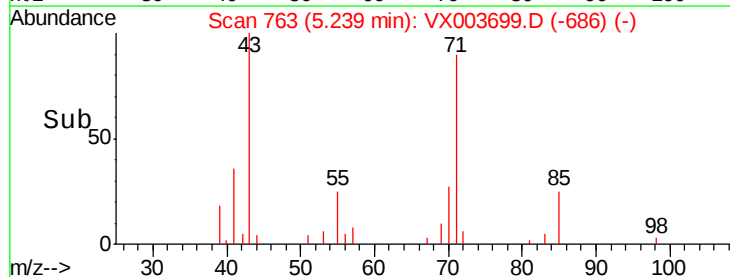
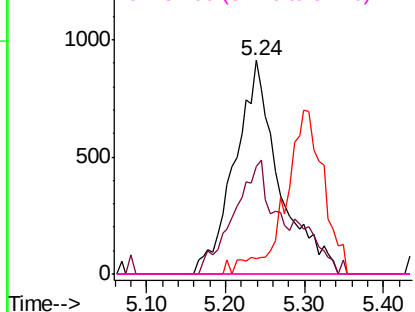


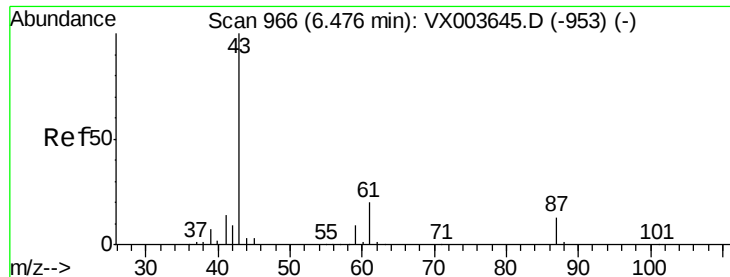
#41
Methacrylonitrile
Concen: 2.88 ug/l
RT: 5.24 min Scan# 763
Delta R.T. 0.17 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion: 41 Resp: 3563
Ion Ratio Lower Upper
41 100
39 49.2 42.2 63.4
67 0.0 56.6 84.8#
52 0.0 24.0 36.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.61 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0510

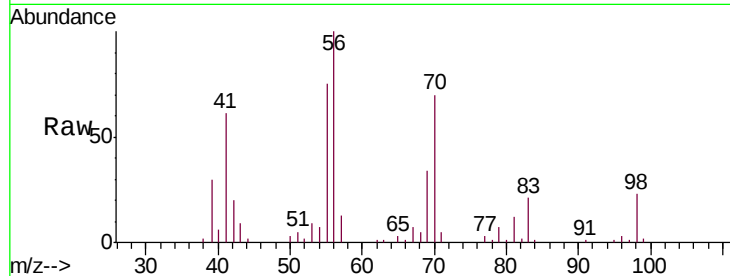
Tot Ion: 43 Resp: 1982

Ion Ratio Lower Upper

43 100

61 0.0 15.9 23.9#

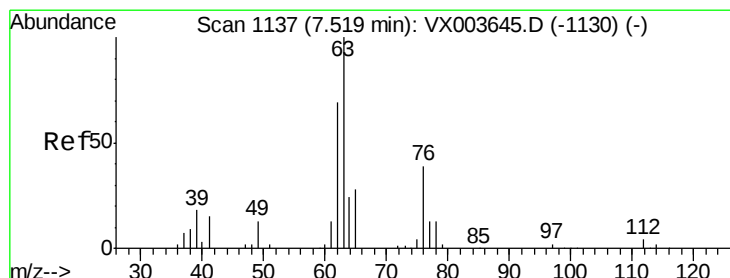
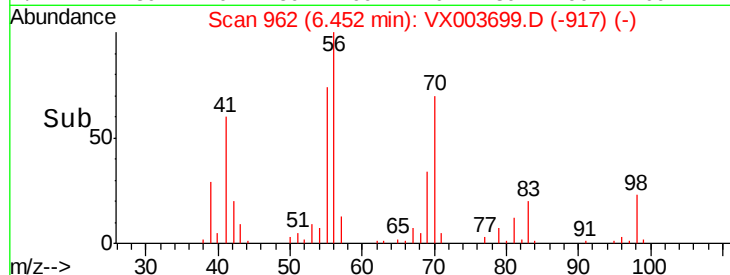
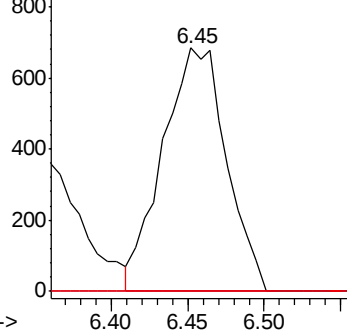
87 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.67 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.05 min

Lab File: VX003699.D

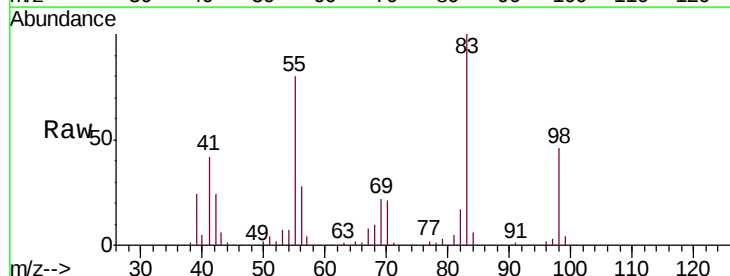
Acq: 27 Jul 2018 05:33

Tgt Ion: 63 Resp: 951

Ion Ratio Lower Upper

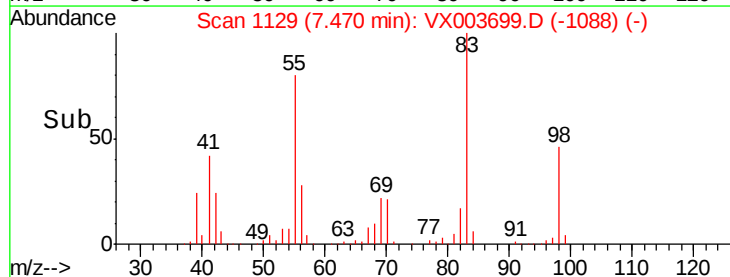
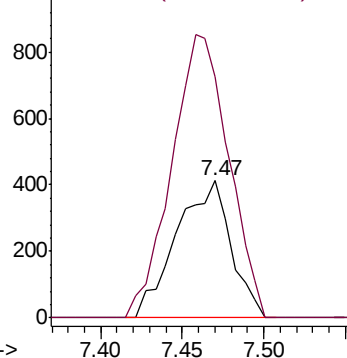
63 100

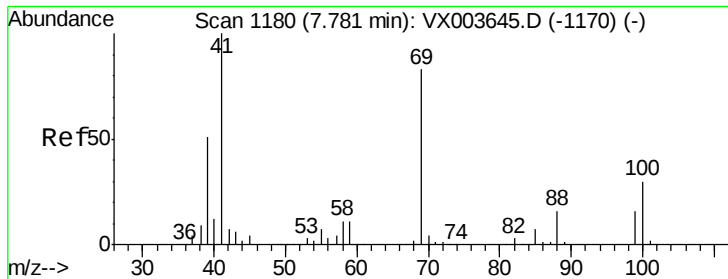
65 176.2 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

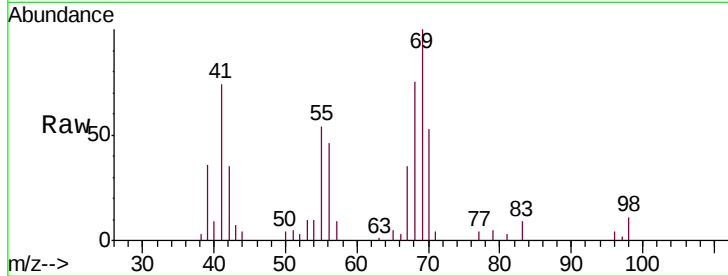




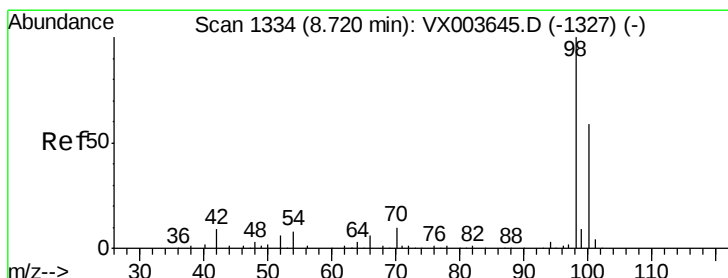
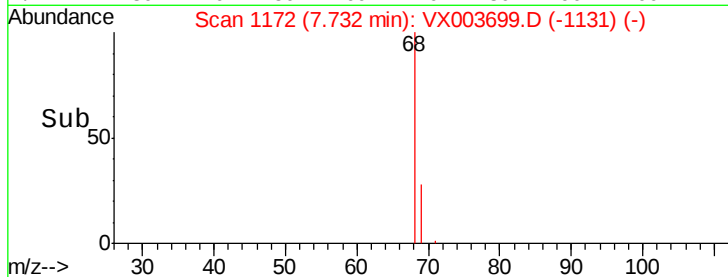
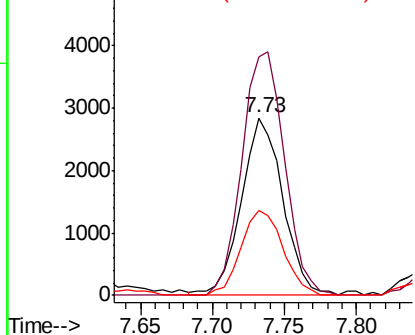
#48
Methvl methacrylate
Concen: 3.43 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Instrument :
MSVOA_X
ClientSampled :
FL-0510

Tot Ion: 41 Resp: 5673
Ion Ratio Lower Upper
41 100
69 140.7 66.9 100.3#
39 48.5 41.2 61.8

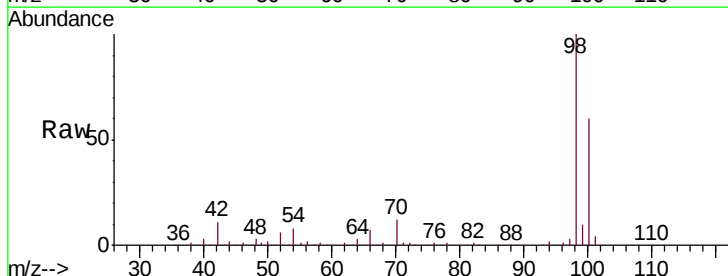


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

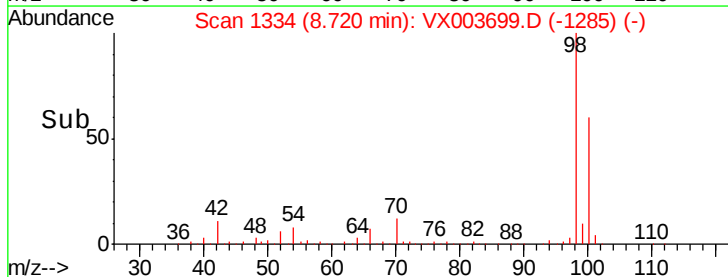
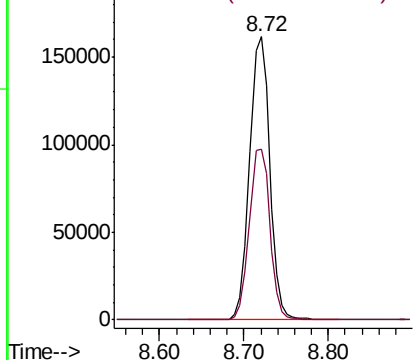


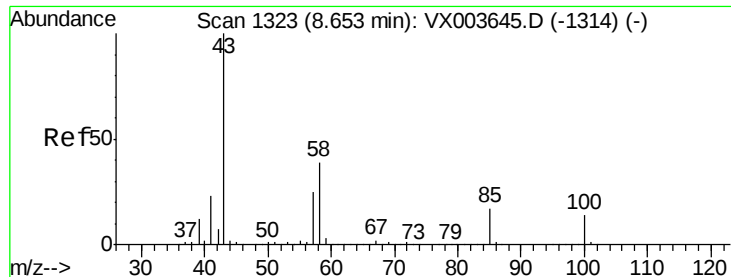
#50
Toluene-d8
Concen: 52.41 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion: 98 Resp: 260061
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.47 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampled :

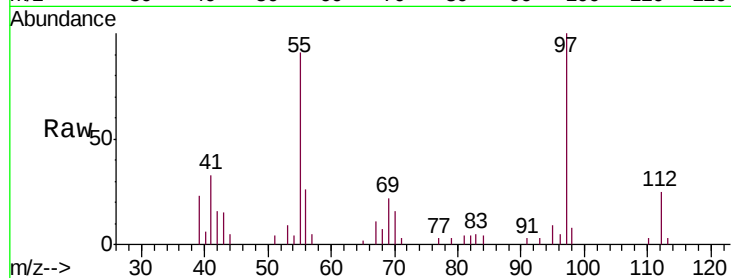
FL-0510

Tot Ion: 43 Resp: 1042

Ion Ratio Lower Upper

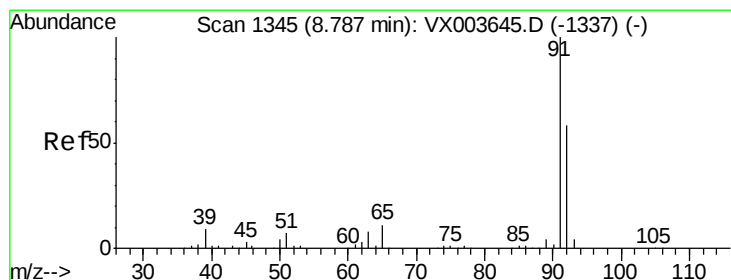
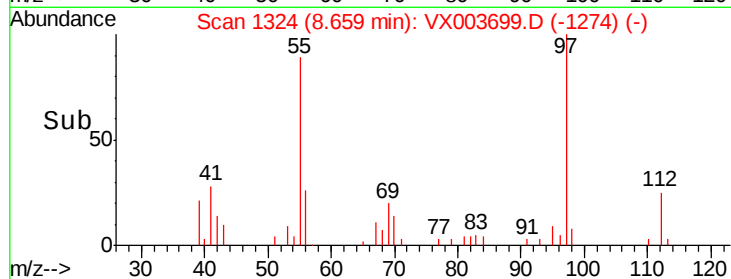
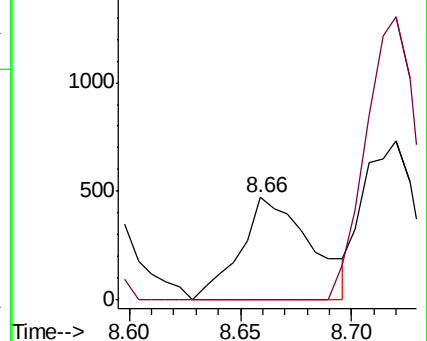
43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 10.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003699.D

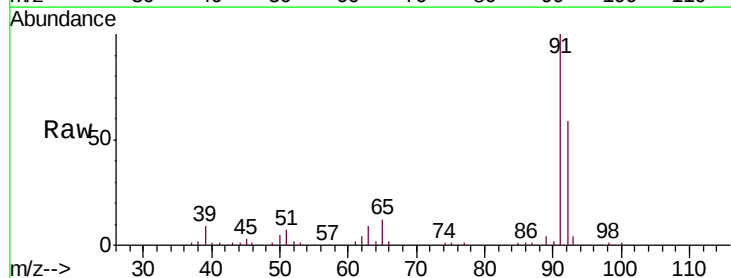
Acq: 27 Jul 2018 05:33

Tgt Ion: 92 Resp: 34523

Ion Ratio Lower Upper

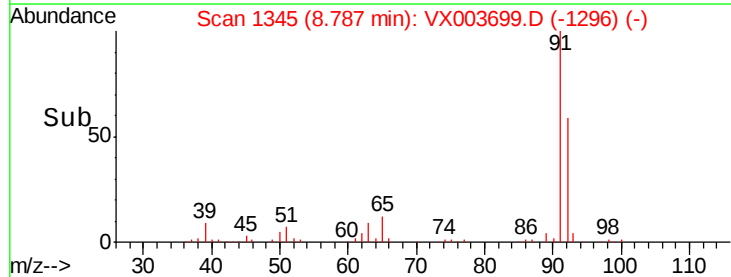
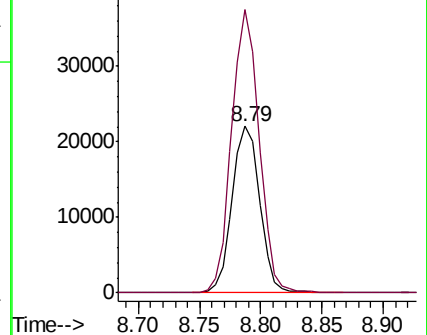
92 100

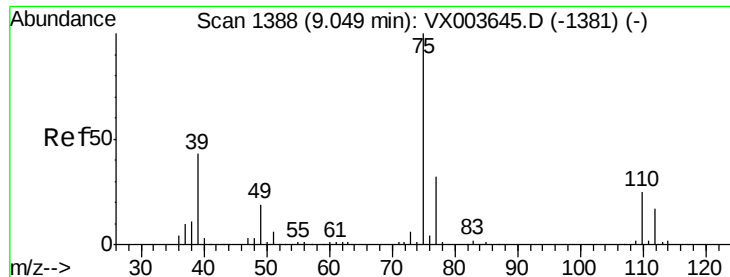
91 169.7 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 0.22 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.26 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampled :

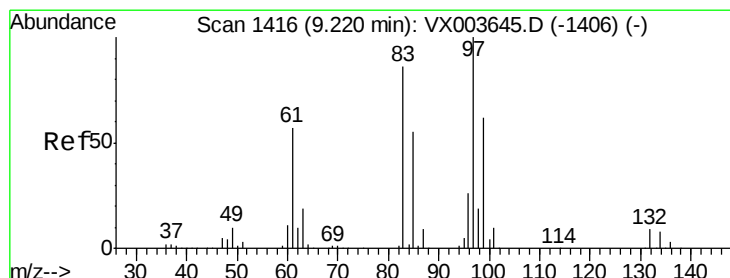
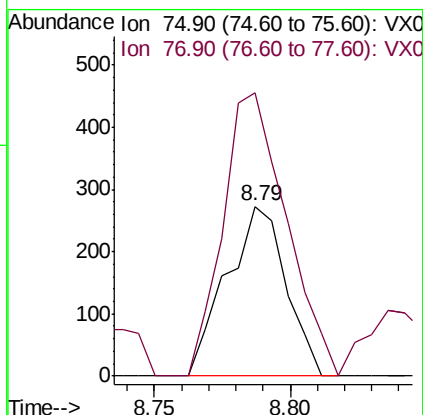
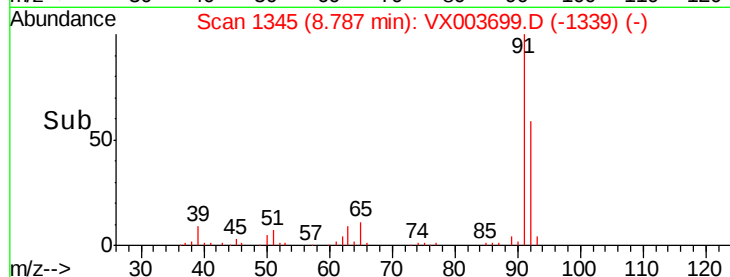
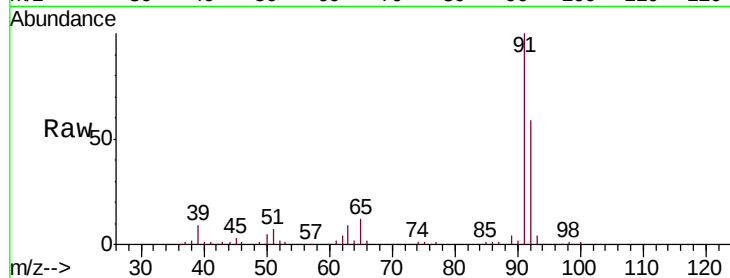
FL-0510

Tot Ion: 75 Resp: 412

Ion Ratio Lower Upper

75 100

77 166.7 25.8 38.6#



#55

1,1,2-Trichloroethane

Concen: 3.20 ug/l

RT: 9.17 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Tgt Ion: 97 Resp: 4470

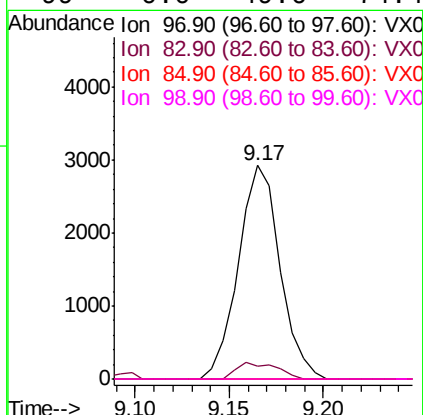
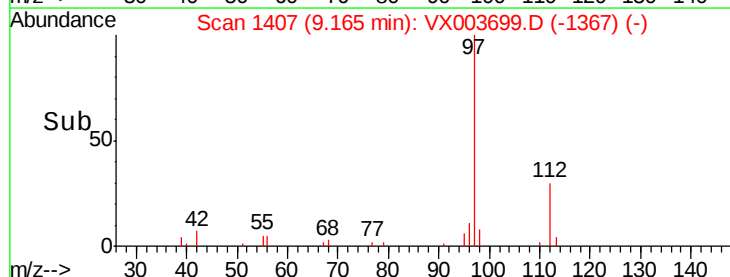
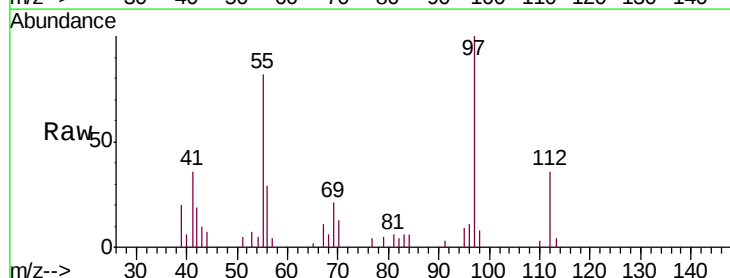
Ion Ratio Lower Upper

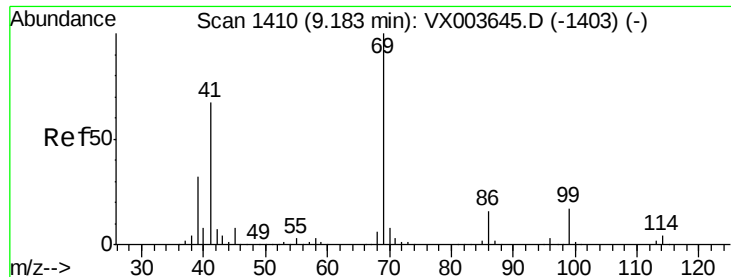
97 100

83 6.0 68.7 103.1#

85 0.0 43.7 65.5#

99 0.0 49.6 74.4#

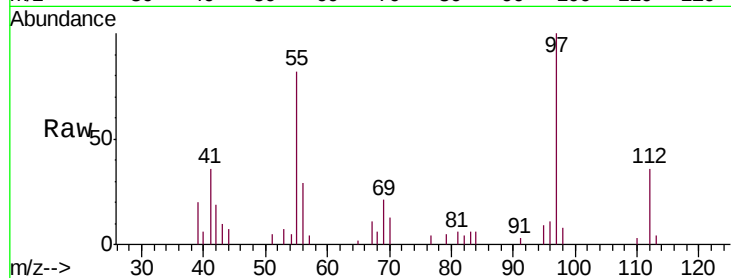




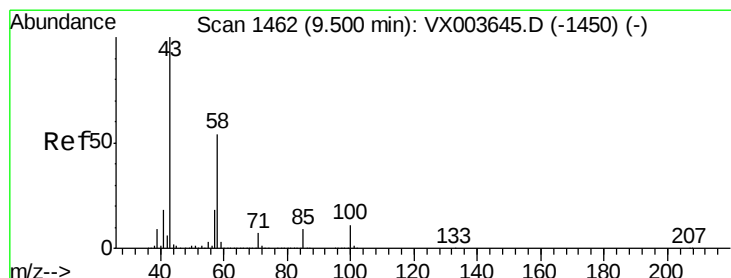
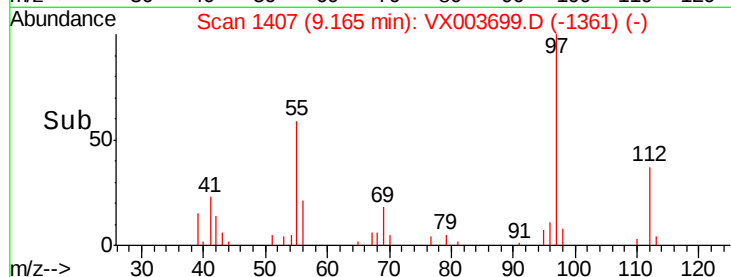
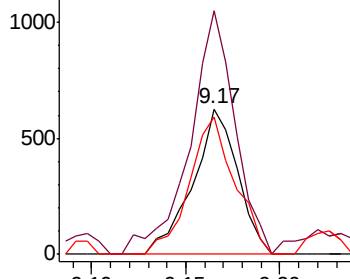
#56
Ethyl methacrylate
Concen: 0.50 ug/l
RT: 9.17 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Instrument :
MSVOA_X
ClientSampled :
FL-0510

Tot Ion: 69 Resp: 1037
Ion Ratio Lower Upper
69 100
41 167.8 53.8 80.6#
39 95.7 25.8 38.8#

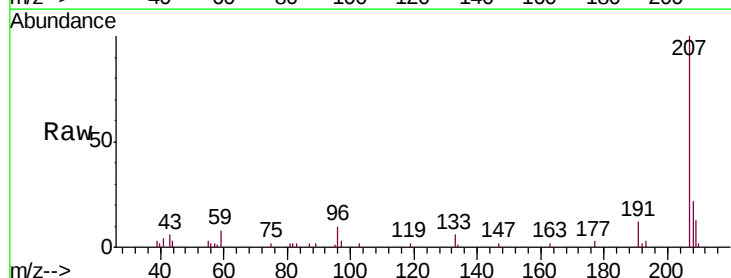


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

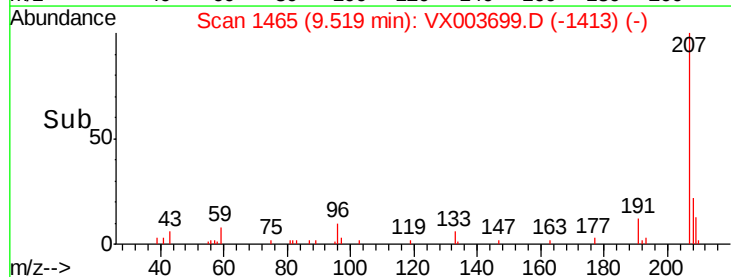
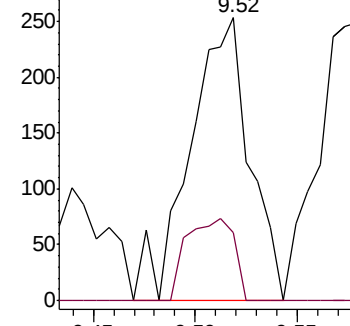


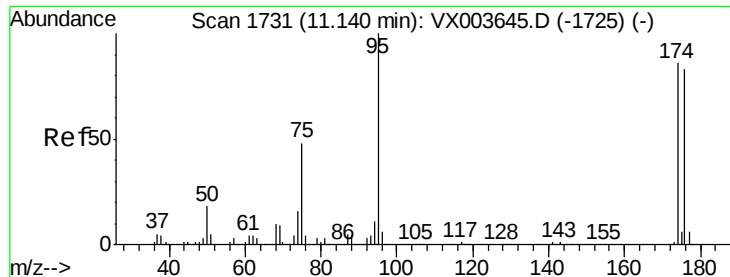
#59
2-Hexanone
Concen: 0.31 ug/l
RT: 9.52 min Scan# 1465
Delta R.T. 0.02 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 22.7 27.3 81.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampled :

FL-0510

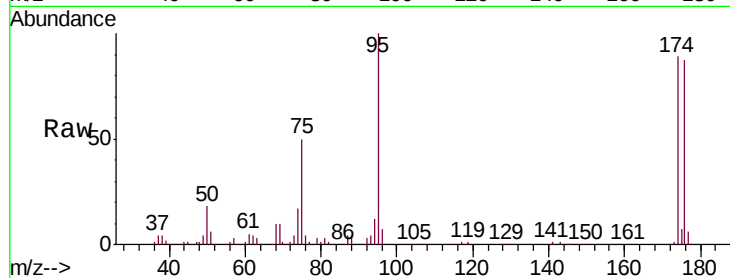
Tot Ion: 95 Resp: 95309

Ion Ratio Lower Upper

95 100

174 86.1 0.0 179.0

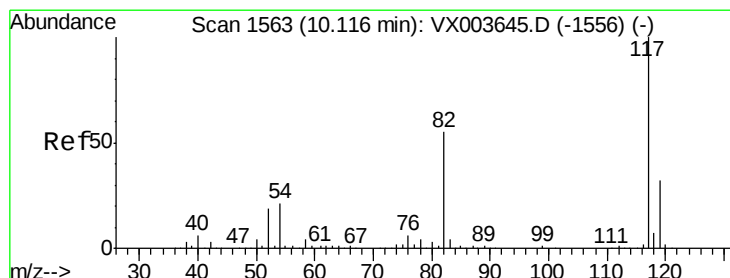
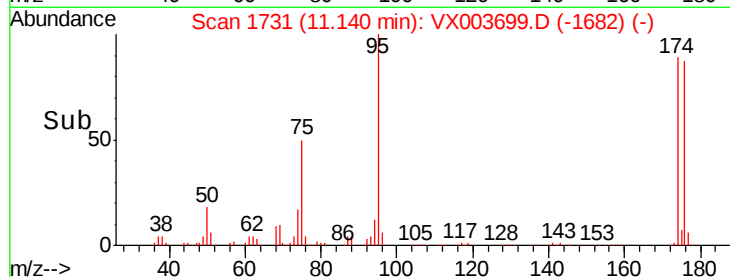
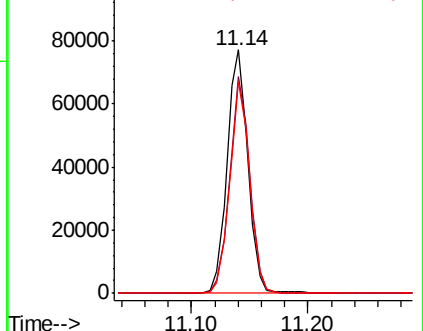
176 83.3 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

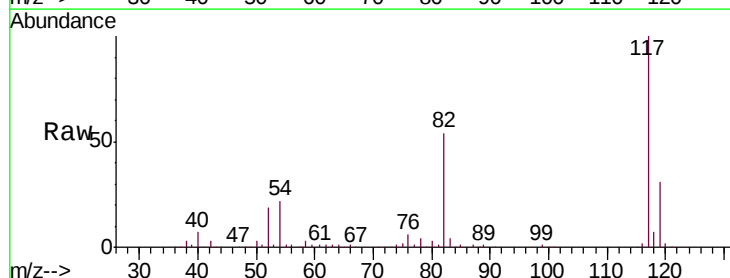
Tgt Ion: 117 Resp: 135168

Ion Ratio Lower Upper

117 100

82 54.4 44.3 66.5

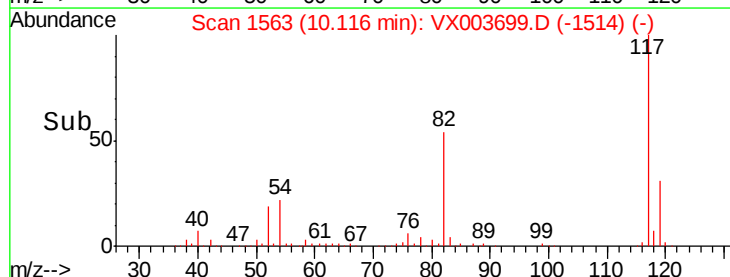
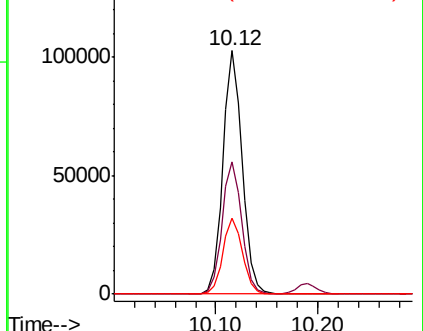
119 31.3 25.6 38.4

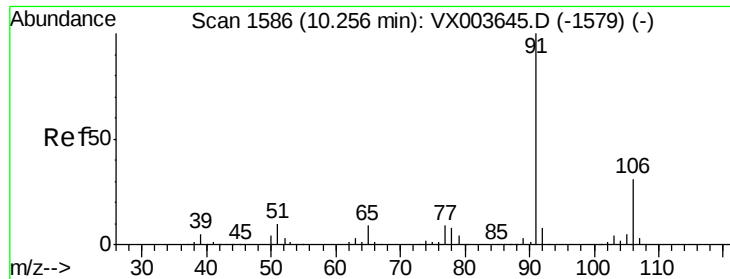


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 427.98 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

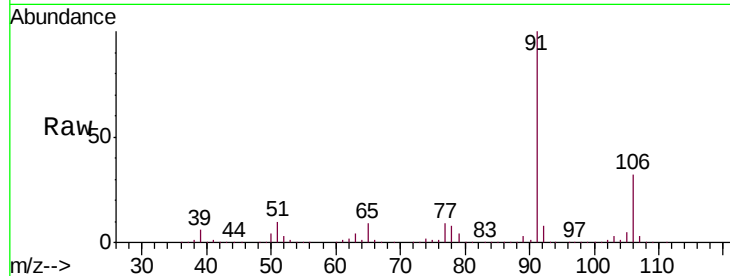
FL-0510

Tot Ion: 91 Resp: 2437000

Ion Ratio Lower Upper

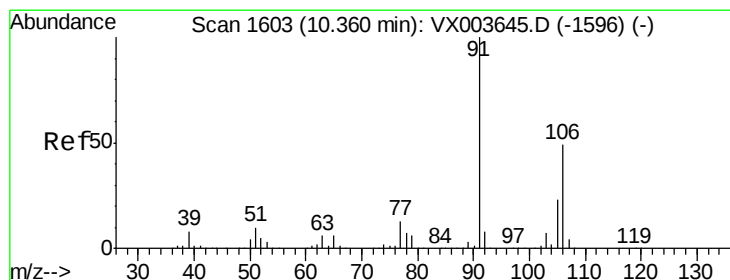
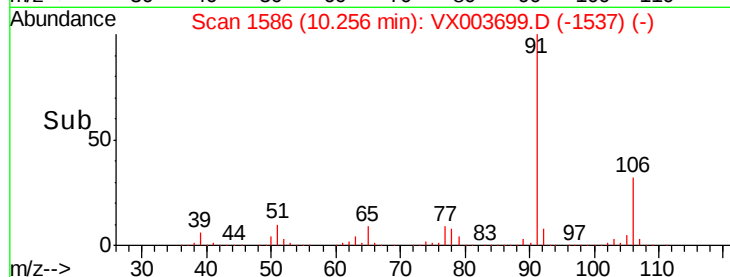
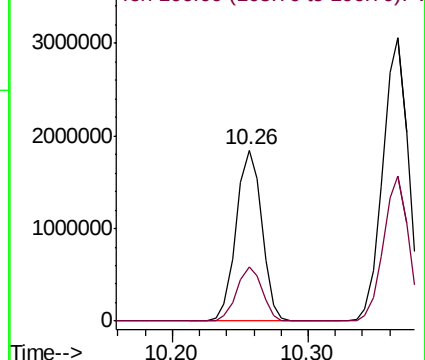
91 100

106 31.8 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 921.15 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003699.D

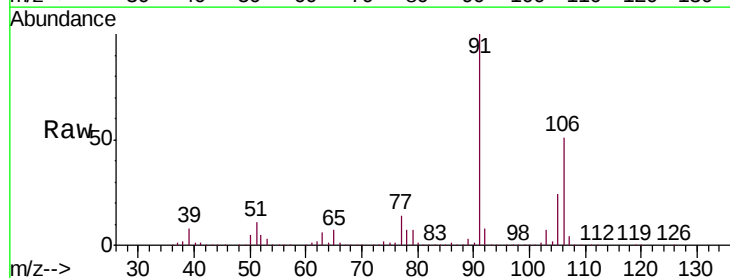
Acq: 27 Jul 2018 05:33

Tgt Ion:106 Resp: 2012213

Ion Ratio Lower Upper

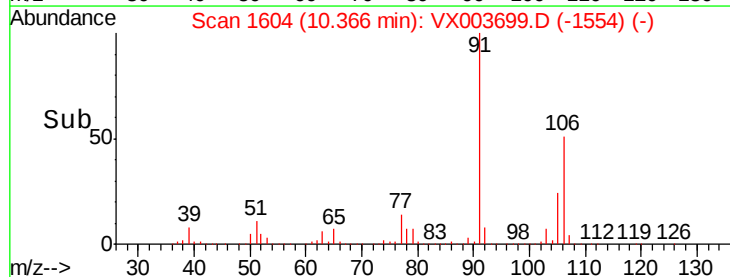
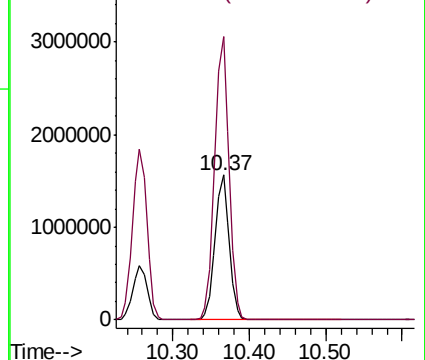
106 100

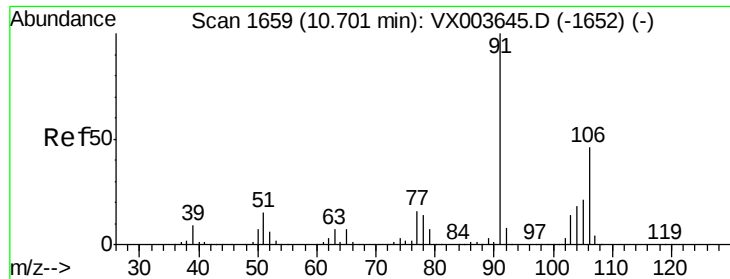
91 198.8 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

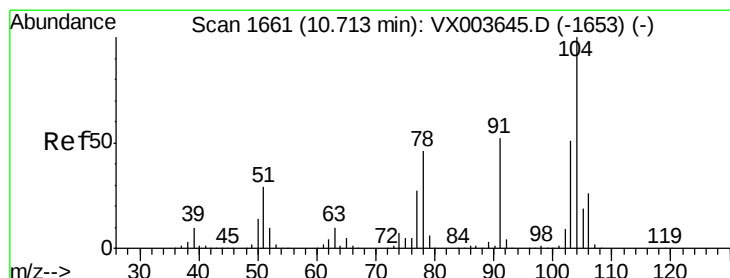
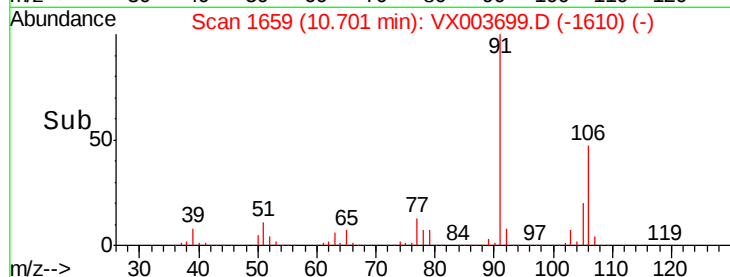
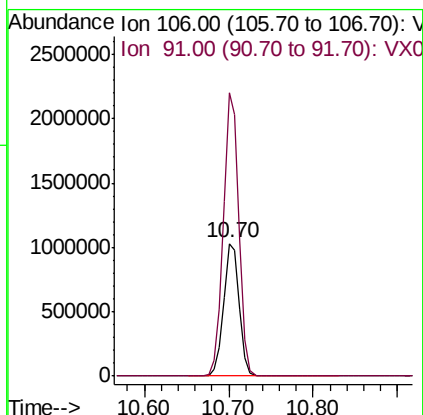
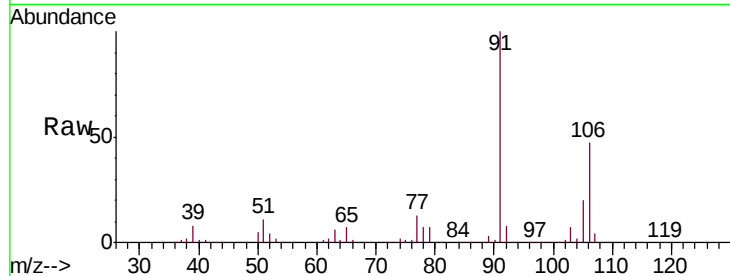




#69
o-Xylene
Concen: 626.58 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

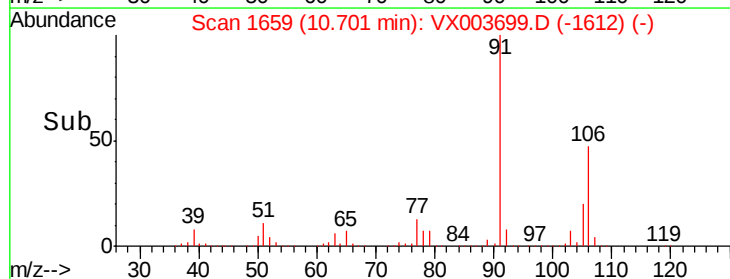
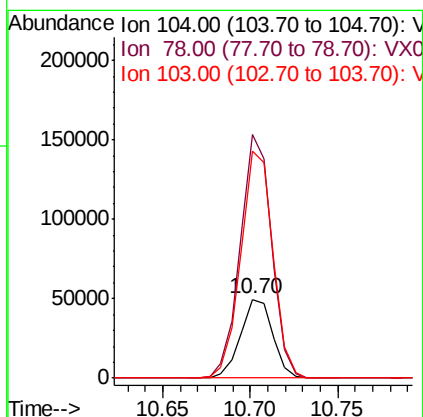
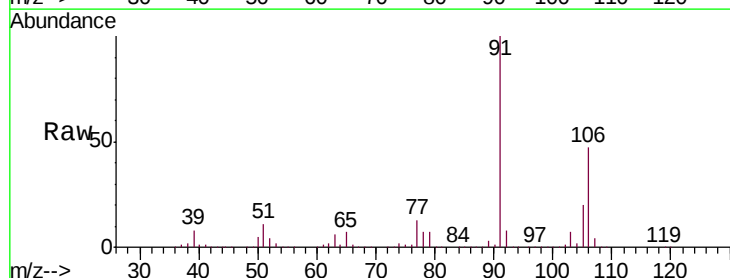
Instrument :
MSVOA_X
ClientSampled :
FL-0510

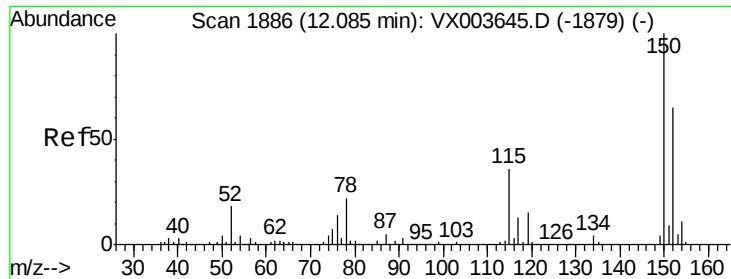
Tot Ion:106 Resp: 1317672
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.1



#70
Styrene
Concen: 18.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion:104 Resp: 63972
Ion Ratio Lower Upper
104 100
78 300.3 39.2 58.8#
103 286.0 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0510

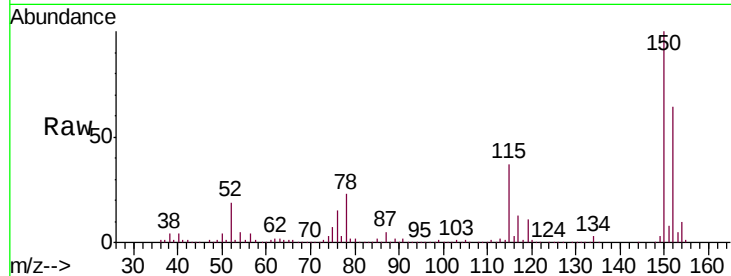
Tot Ion:152 Resp: 95357

Ion Ratio Lower Upper

152 100

115 60.3 40.0 119.9

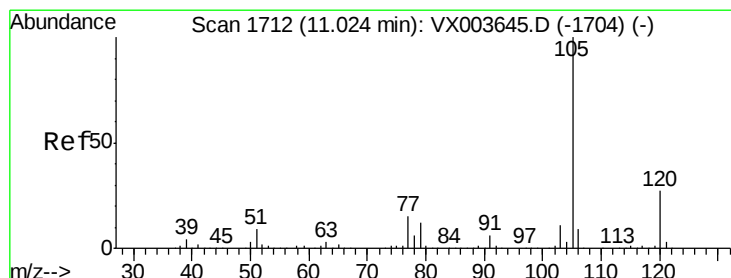
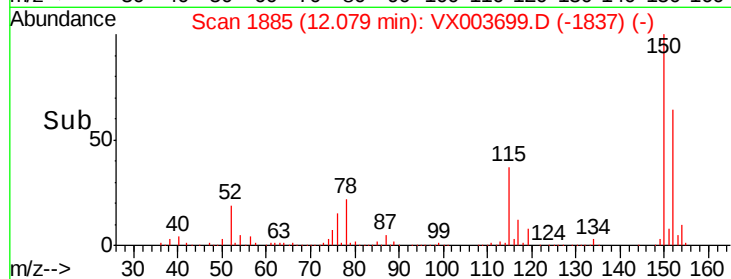
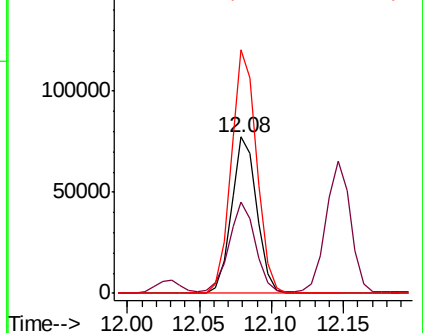
150 156.4 0.0 348.4



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: 53.19 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003699.D

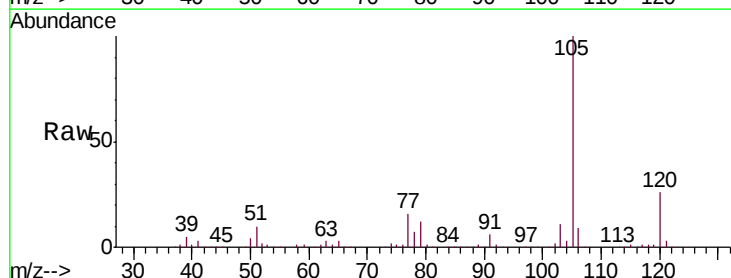
Acq: 27 Jul 2018 05:33

Tgt Ion:105 Resp: 346537

Ion Ratio Lower Upper

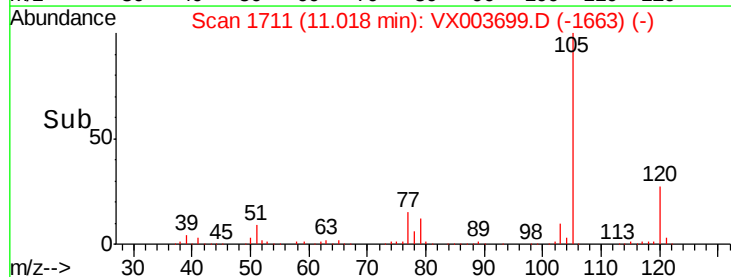
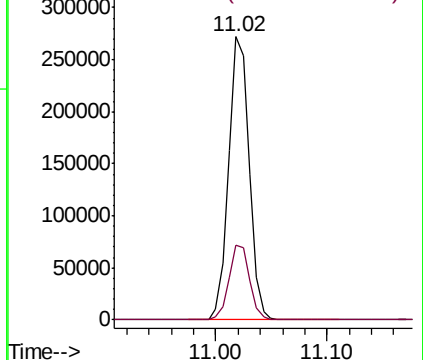
105 100

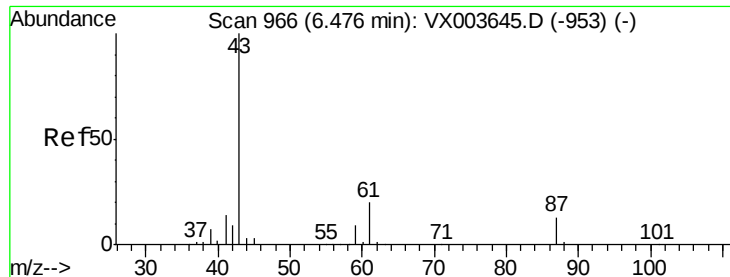
120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.58 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0510

Tot Ion: 43 Resp: 1982

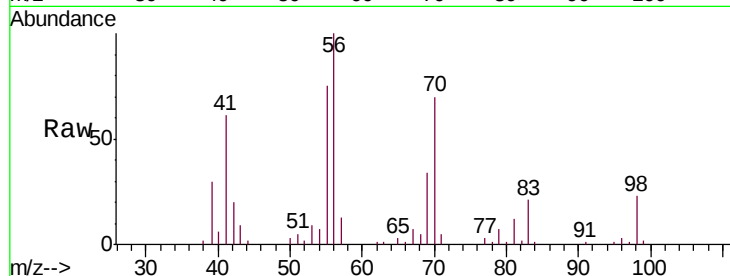
Ion Ratio Lower Upper

43 100

70 723.9 0.0 0.0#

55 772.9 0.0 0.0#

61 0.0 15.9 23.9#

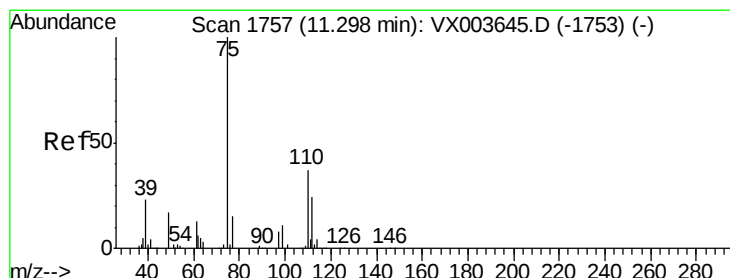
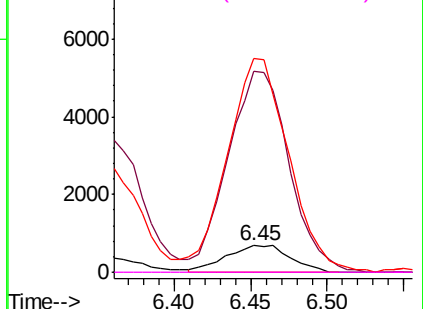
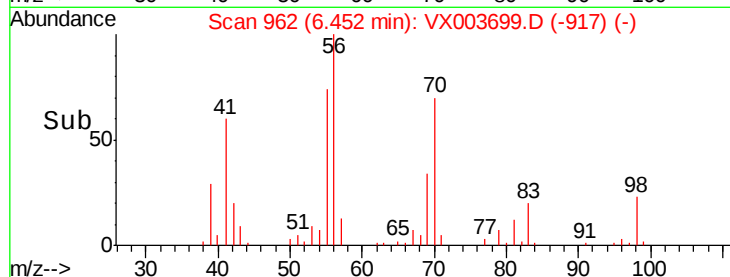


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.89 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX003699.D

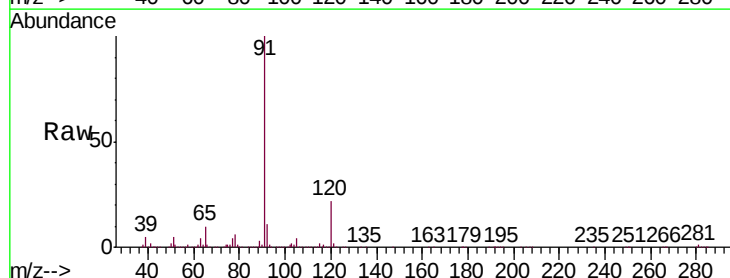
Acq: 27 Jul 2018 05:33

Tgt Ion: 75 Resp: 3782

Ion Ratio Lower Upper

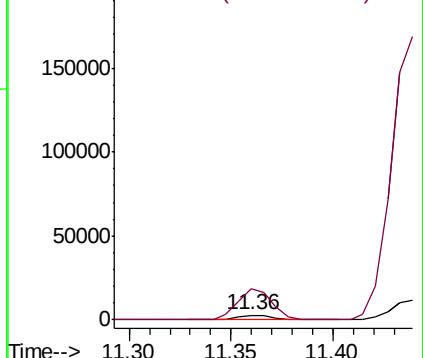
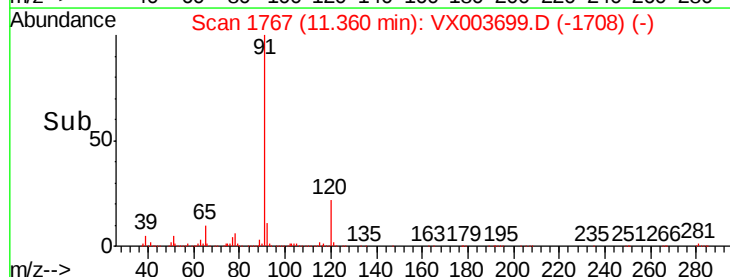
75 100

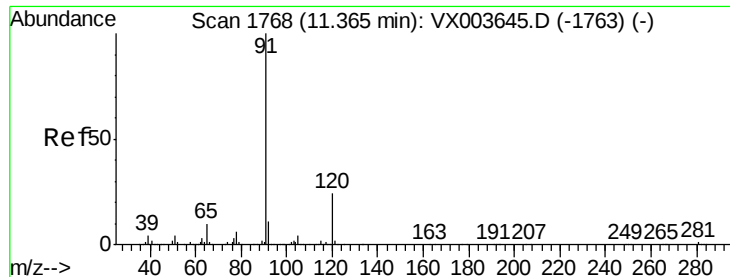
77 583.1 21.6 64.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 75.97 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampled :

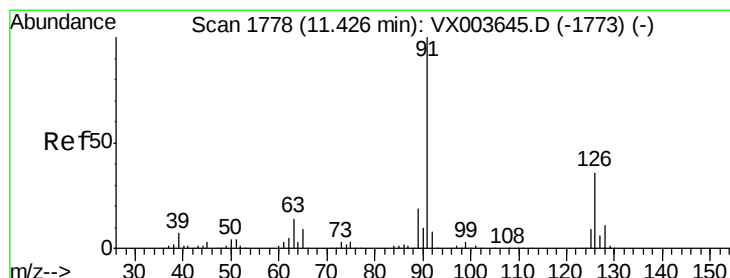
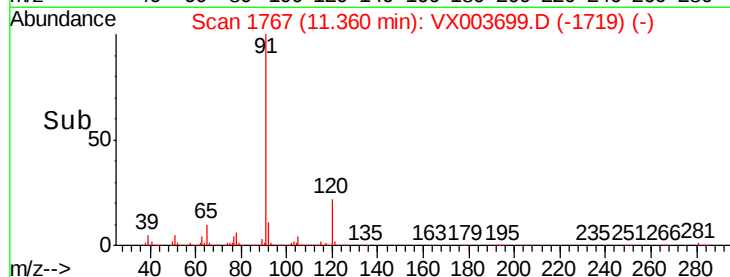
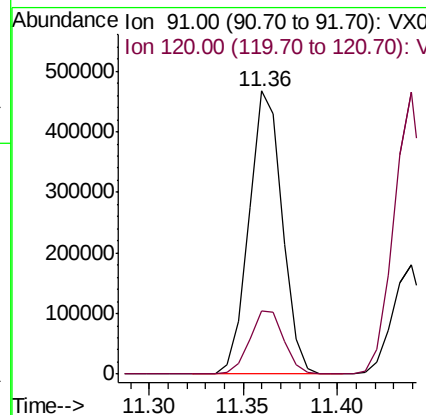
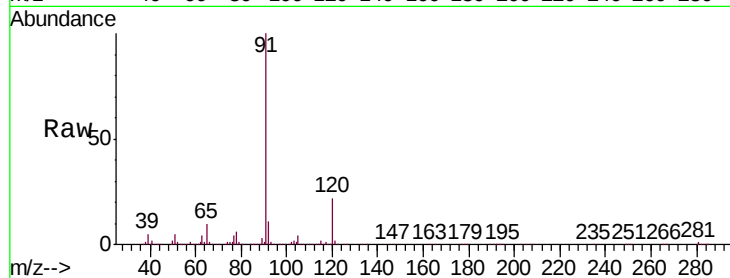
FL-0510

Tot Ion: 91 Resp: 571506

Ion Ratio Lower Upper

91 100

120 22.8 11.8 35.3



#79

2-Chlorotoluene

Concen: 64.57 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX003699.D

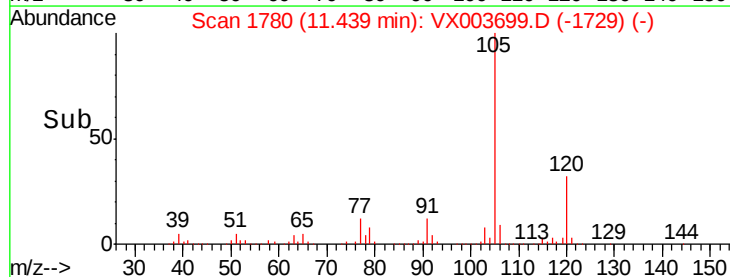
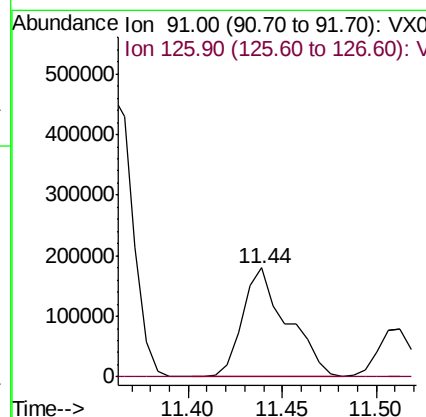
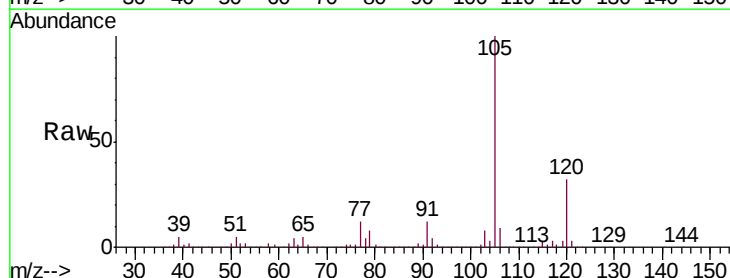
Acq: 27 Jul 2018 05:33

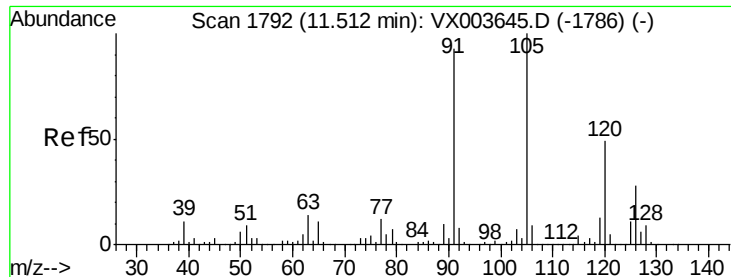
Tgt Ion: 91 Resp: 295243

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#





#80

1,3,5-Trimethylbenzene

Concen: 174.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampled :

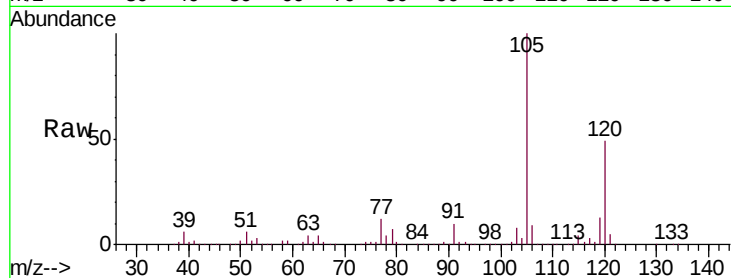
FL-0510

Tot Ion:105 Resp: 960027

Ion Ratio Lower Upper

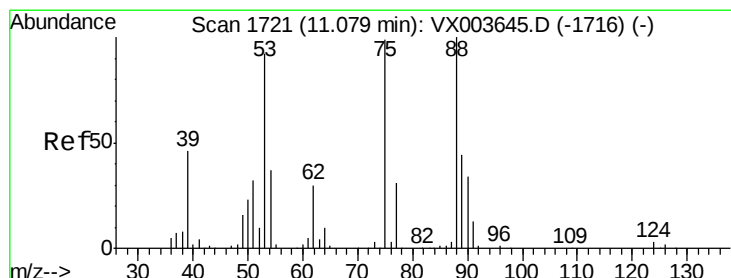
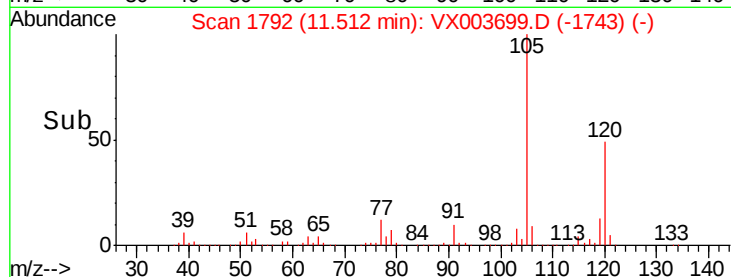
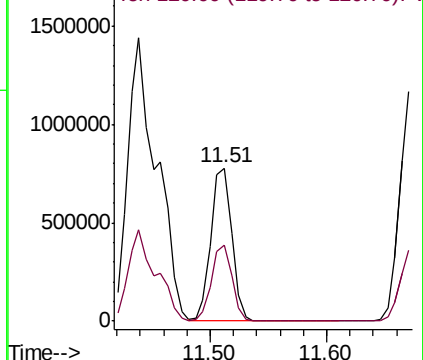
105 100

120 48.9 24.4 73.4



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: 6.32 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.06 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

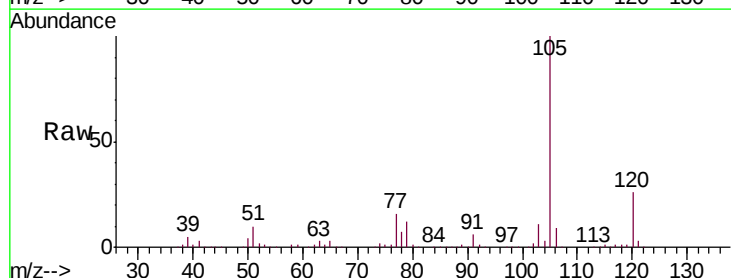
Tgt Ion: 75 Resp: 4081

Ion Ratio Lower Upper

75 100

53 106.0 77.8 116.8

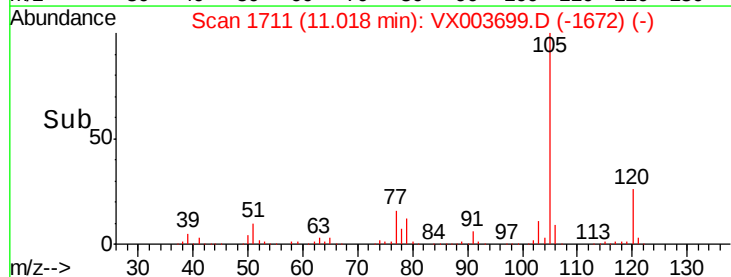
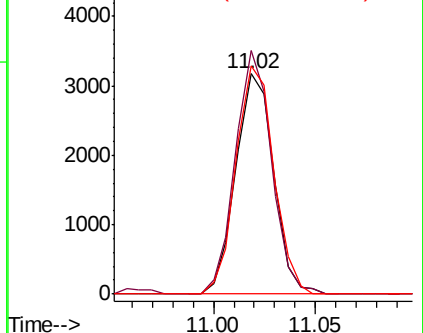
89 103.6 36.6 54.8#

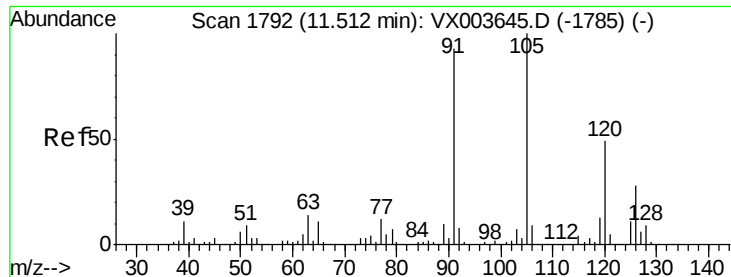


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

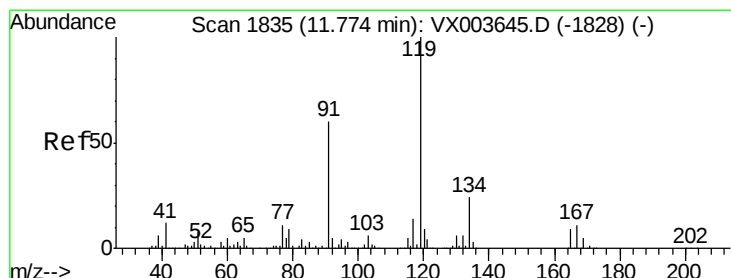
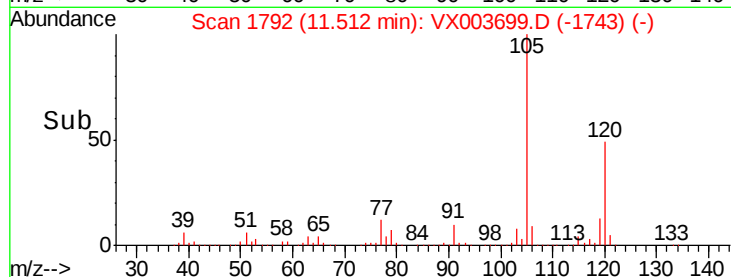
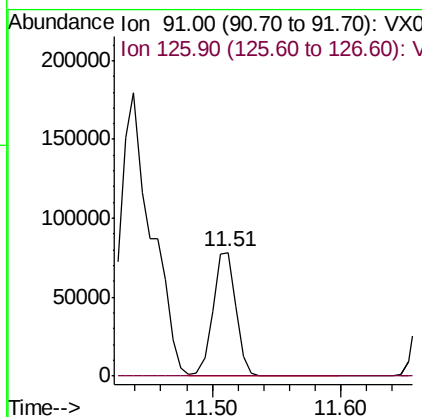
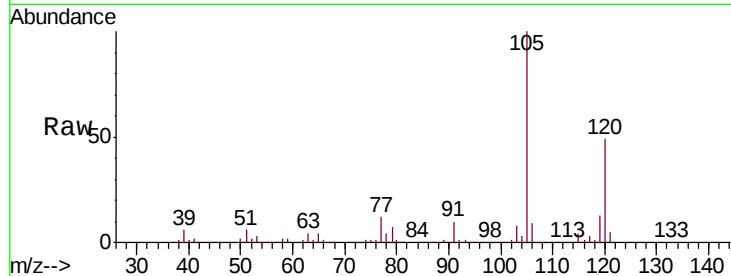




#82
4-Chlorotoluene
Concen: 18.34 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

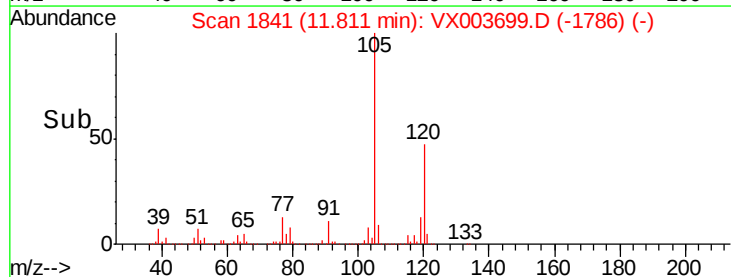
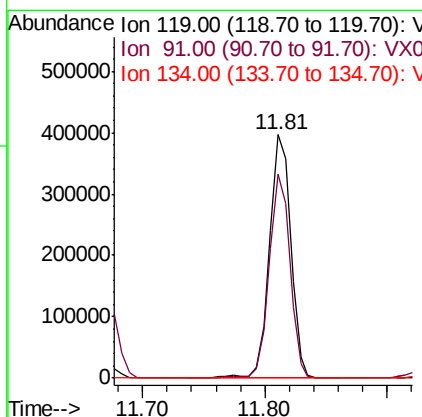
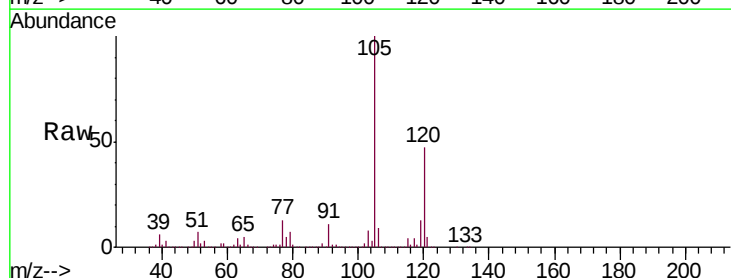
Instrument :
MSVOA_X
ClientSampled :
FL-0510

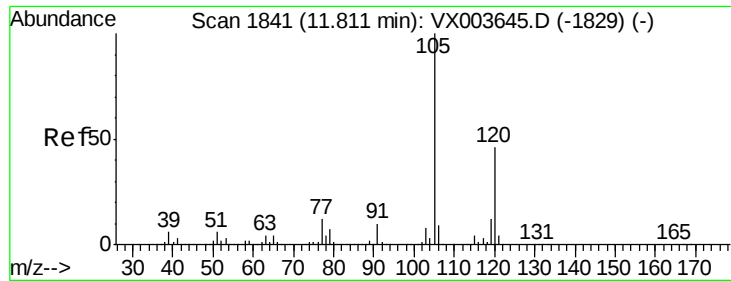
Tot Ion: 91 Resp: 98779
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.1#



#83
tert-Butylbenzene
Concen: 88.87 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion: 119 Resp: 479332
Ion Ratio Lower Upper
119 100
91 82.2 28.4 85.2
134 0.0 11.6 34.8#

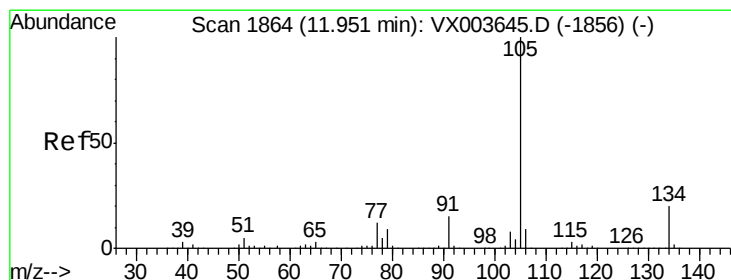
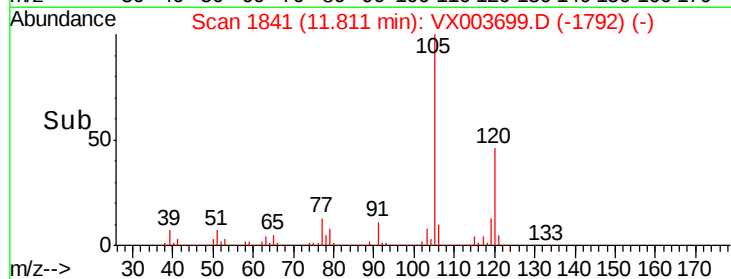
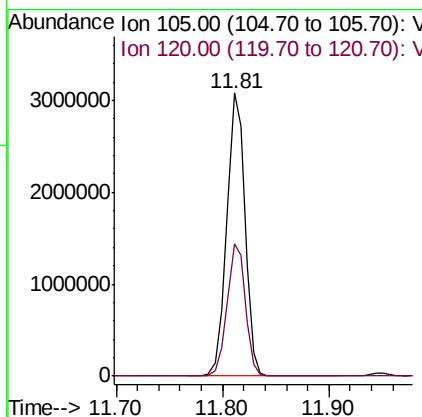
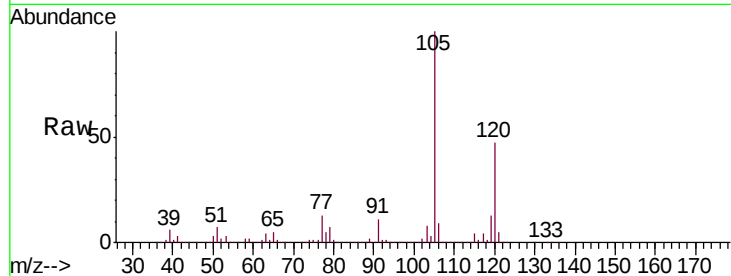




#84
 1,2,4-Trimethylbenzene
 Concen: 653.51 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

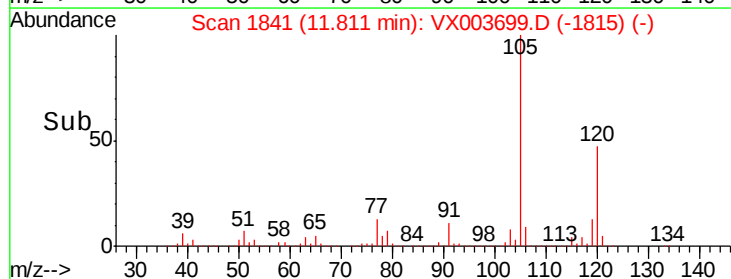
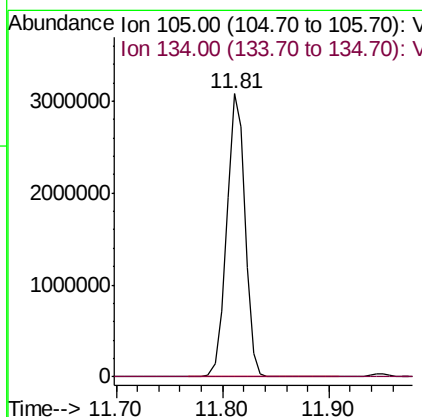
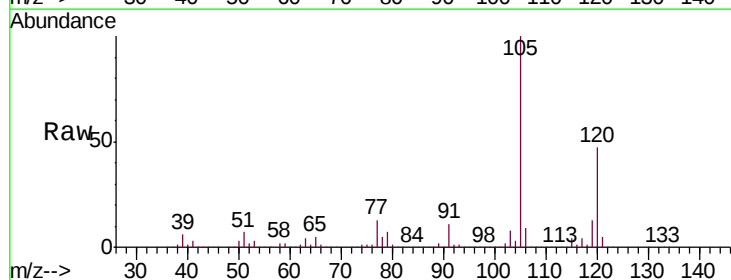
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0510

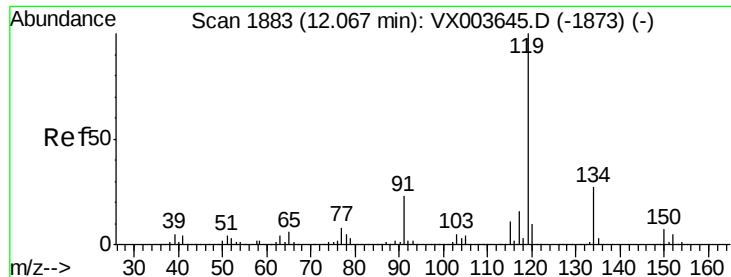
Tot Ion:105 Resp: 3702138
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.6 67.8



#85
 sec-Butylbenzene
 Concen: 575.08 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.14 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

Tgt Ion:105 Resp: 3702138
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

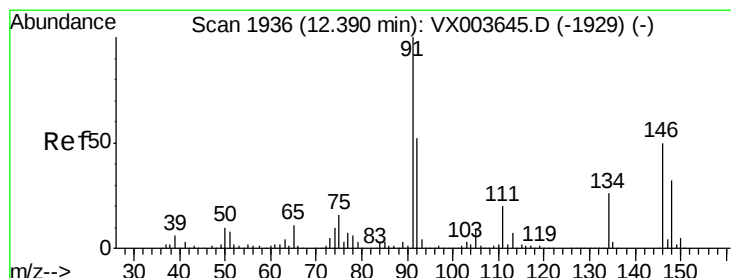
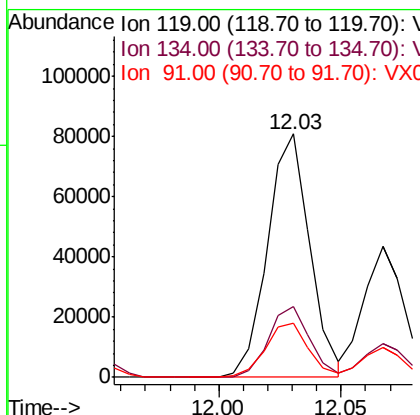
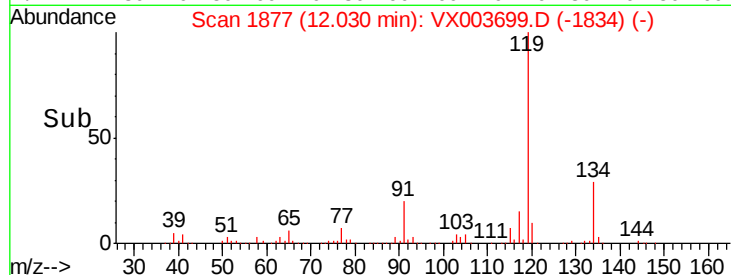
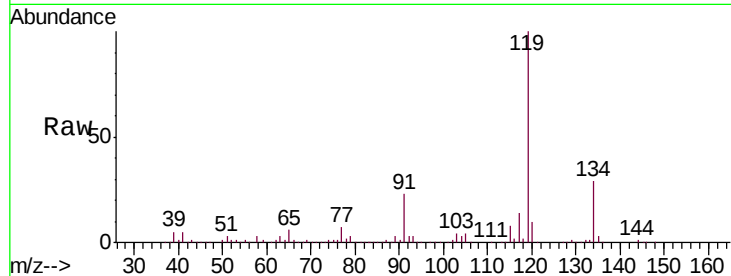




#86
p-Isopropyltoluene
Concen: 16.94 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.04 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

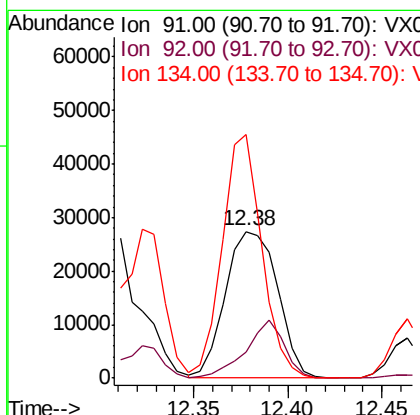
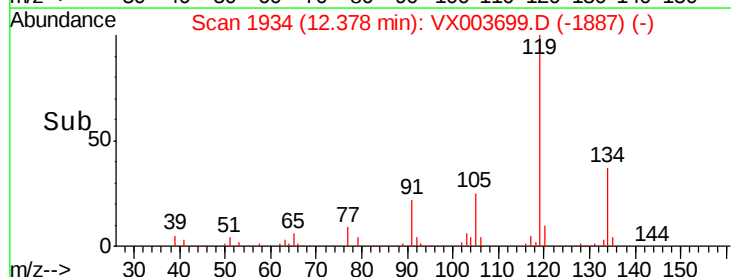
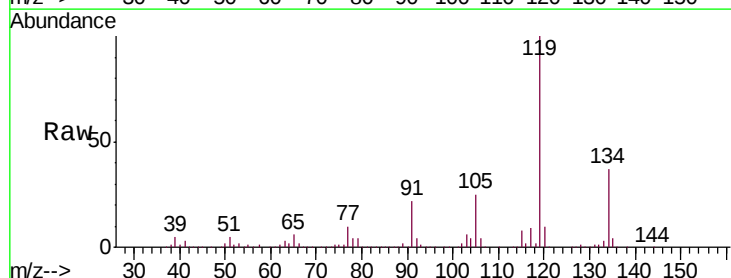
Instrument :
MSVOA_X
ClientSampled :
FL-0510

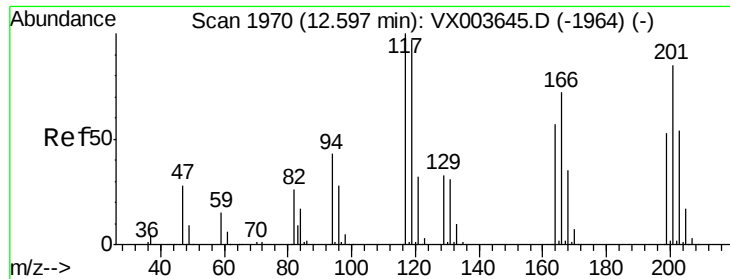
Tot Ion:119 Resp: 97894
Ion Ratio Lower Upper
119 100
134 28.4 13.3 39.9
91 22.6 11.5 34.5



#89
n-Butylbenzene
Concen: 10.06 ug/l
RT: 12.38 min Scan# 1934
Delta R.T. -0.01 min
Lab File: VX003699.D
Acq: 27 Jul 2018 05:33

Tgt Ion: 91 Resp: 52373
Ion Ratio Lower Upper
91 100
92 29.3 26.3 78.9
134 126.0 13.3 39.8#

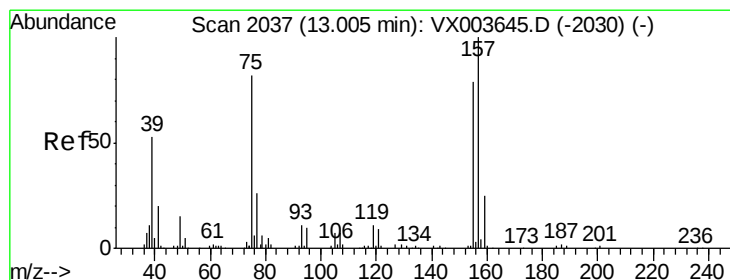
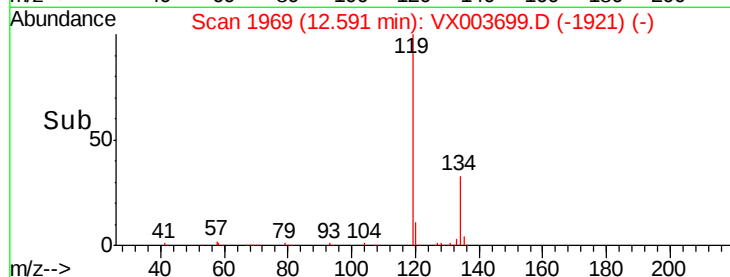
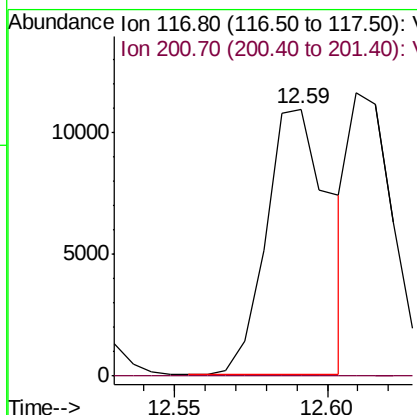
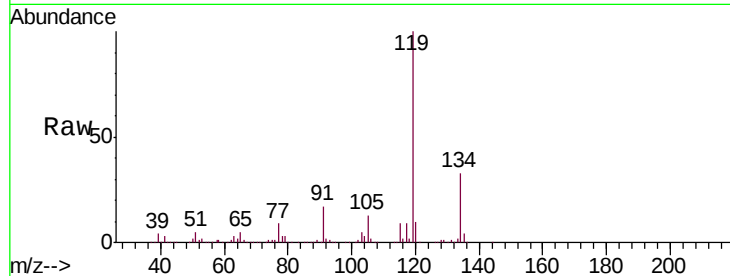




#90
 Hexachloroethane
 Concen: 18.09 ug/l
 RT: 12.59 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

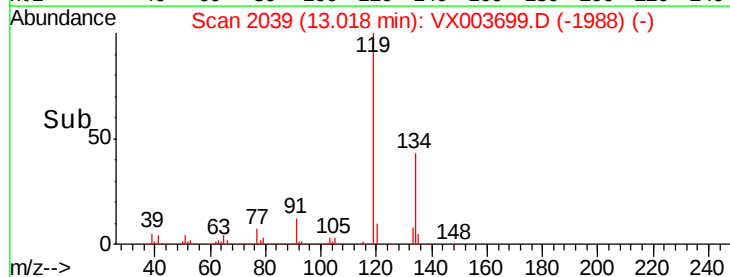
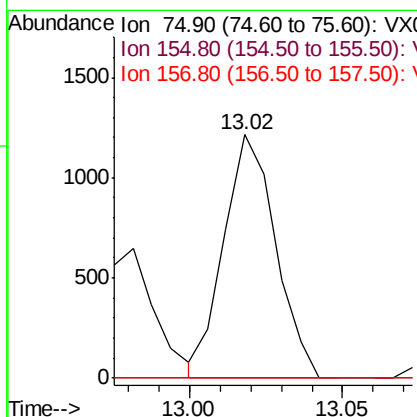
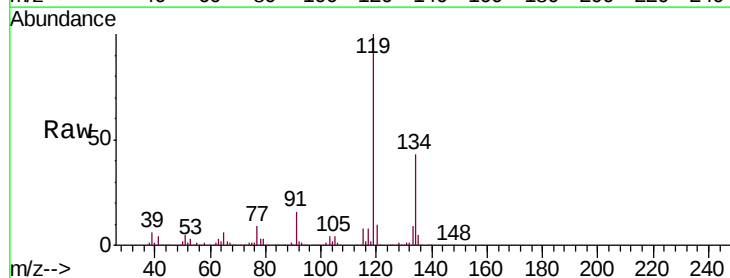
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0510

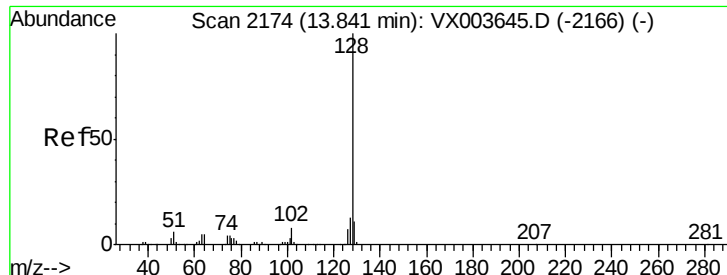
Tot Ion:117 Resp: 15834
 Ion Ratio Lower Upper
 117 100
 201 0.0 46.2 138.5#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.84 ug/l
 RT: 13.02 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: VX003699.D
 Acq: 27 Jul 2018 05:33

Tgt Ion: 75 Resp: 1422
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.1 138.3#
 157 0.0 59.7 179.0#





#95

Naphthalene

Concen: 138.32 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003699.D

Acq: 27 Jul 2018 05:33

Instrument :

MSVOA_X

ClientSampleId :

FL-0510

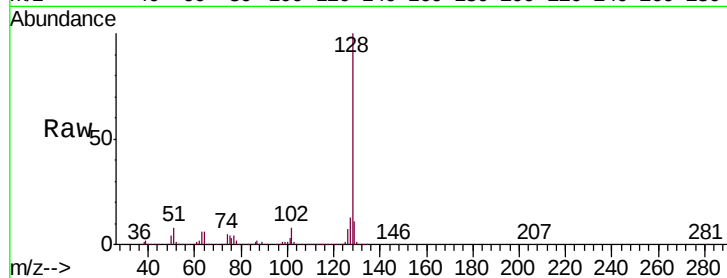
Tot Ion:128 Resp: 1005097

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.7 13.1



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

