

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003697.D
 Acq On : 27 Jul 2018 04:40
 Operator : JC/SP
 Sample : J4154-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0508

Quant Time: Jul 27 06:45:00 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	5.67	168	87298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	154559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74939	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	74666	57.74	ug/l	0.00
Spiked Amount			Recovery	=	115.48%	
35) Dibromofluoromethane	5.50	113	57649	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
50) Toluene-d8	8.72	98	247087	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.14	95	90969	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.61	64	5720	7.22	ug/l #	58
11) Tert butyl alcohol	3.07	59	91	0.29	ug/l #	72
13) Acrolein	2.39	56	240	5.54	ug/l #	82
15) Acrylonitrile	3.17	53	355	0.48	ug/l #	27
16) Acetone	2.45	43	1648	2.71	ug/l	97
18) Methyl Acetate	2.78	43	407	0.22	ug/l #	53
26) 2,2-Dichloropropane	4.42	77	417	0.30	ug/l #	51
31) Cyclohexane	5.58	56	31713	18.24	ug/l	99
36) 1,1-Dichloropropene	5.67	75	6388	3.54	ug/l #	49
38) Carbon Tetrachloride	5.67	117	8123	4.66	ug/l #	14
39) Methylcyclohexane	7.46	83	58771	29.55	ug/l	98
40) Benzene	6.14	78	39809	7.45	ug/l	98
41) Methacrylonitrile	5.24	41	275	0.23	ug/l #	24
43) Isopropyl Acetate	6.46	43	800	0.25	ug/l #	61
45) 1,2-Dichloropropane	7.46	63	748	0.54	ug/l #	1
48) Methyl methacrylate	7.74	41	3885	2.42	ug/l #	56
51) 4-Methyl-2-Pentanone	8.67	43	1152	0.54	ug/l #	36
55) 1,1,2-Trichloroethane	9.17	97	4793	3.53	ug/l #	19
56) Ethyl methacrylate	9.17	69	1141	0.56	ug/l #	1
59) 2-Hexanone	9.45	43	978	0.60	ug/l #	24
67) Ethyl Benzene	10.26	91	227569	39.55	ug/l	100
68) m/p-Xylenes	10.36	106	189366	85.79	ug/l	99
69) o-Xylene	10.70	106	1437	0.68	ug/l	97
73) Isopropylbenzene	11.02	105	23378	4.57	ug/l	99
74) N-amyl acetate	6.46	43	800	0.30	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	392	0.21	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	45199	28.76	ug/l #	35
78) n-propylbenzene	11.36	91	27594	4.67	ug/l	98
79) 2-Chlorotoluene	11.44	91	11397	3.17	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	36481	8.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	45199	89.09	ug/l #	11
82) 4-Chlorotoluene	11.51	91	4129	0.98	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	92854	20.86	ug/l	99
85) sec-Butylbenzene	11.95	105	4992	0.99	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0508

Quant Time: Jul 27 06:45:00 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

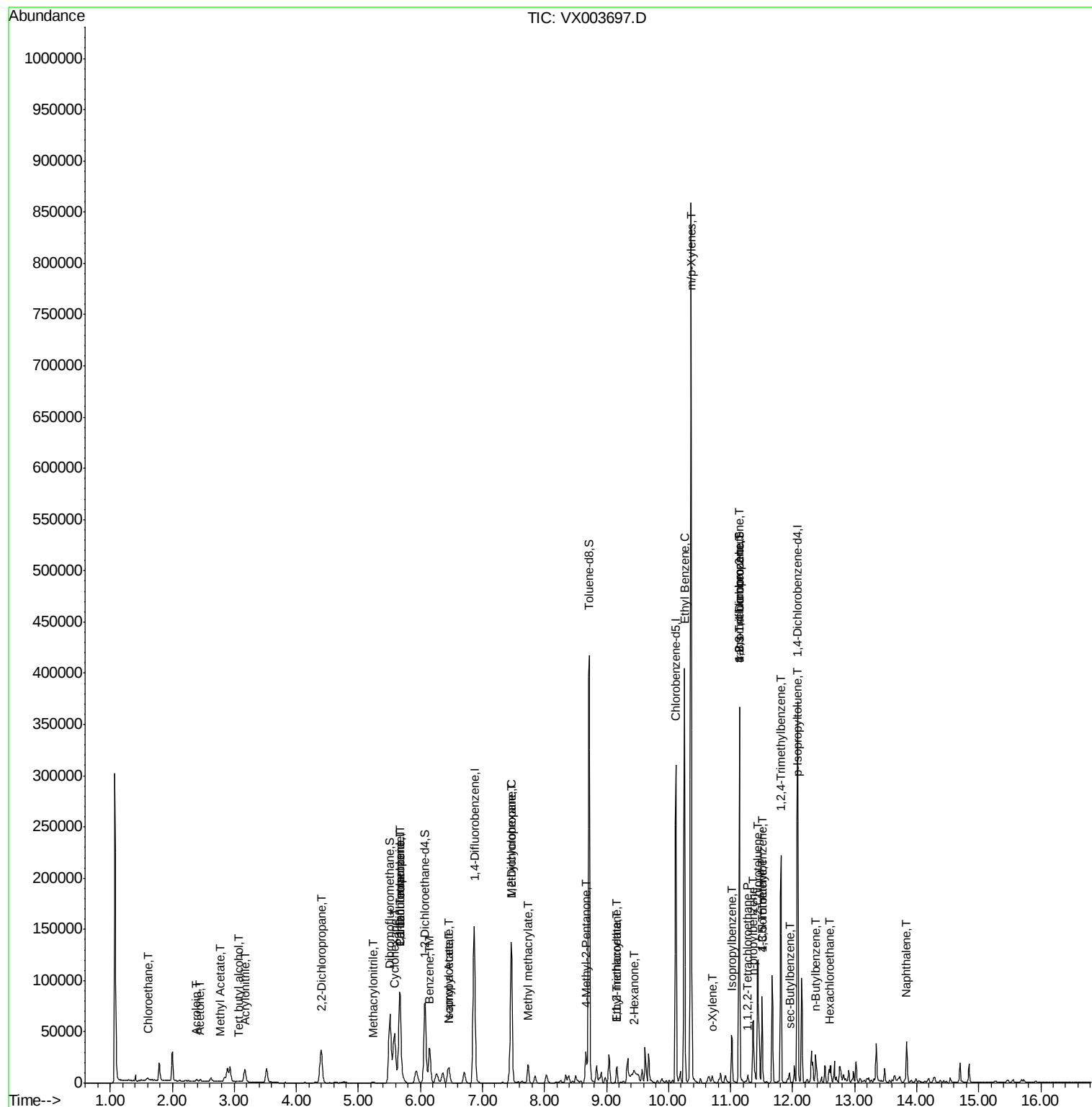
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.07	119	4542	1.00	ug/l	93
89) n-Butylbenzene	12.38	91	4278	1.05	ug/l #	35
90) Hexachloroethane	12.59	117	775	1.13	ug/l #	3
95) Naphthalene	13.83	128	24961	4.37	ug/l	99

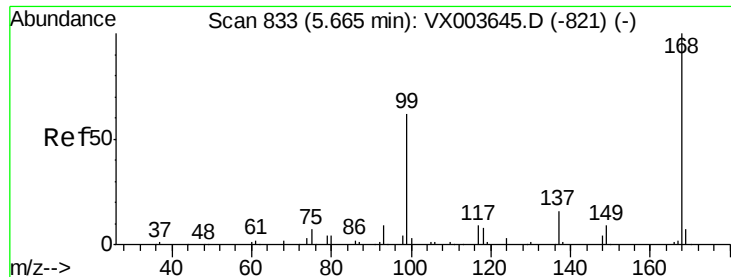
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0508

Quant Time: Jul 27 06:45:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

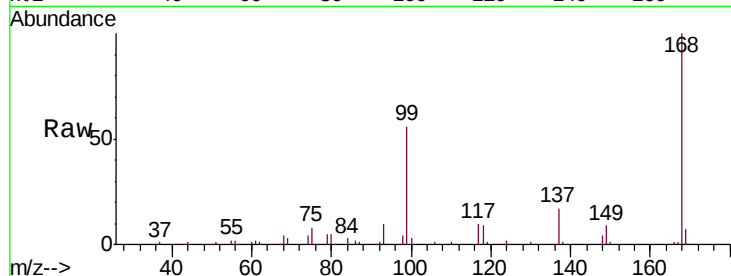
FL-0508

Tot Ion:168 Resp: 87298

Ion Ratio Lower Upper

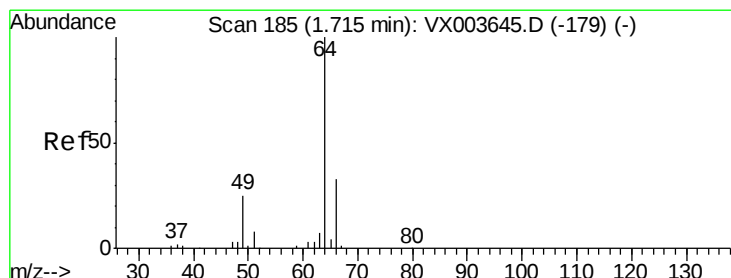
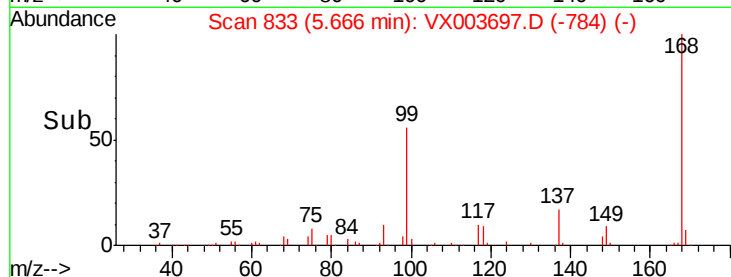
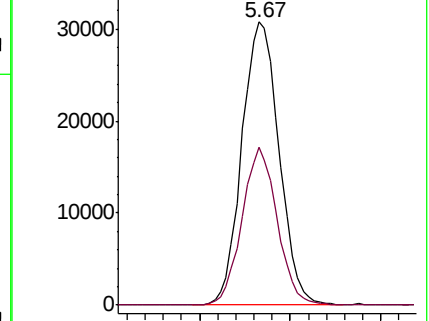
168 100

99 55.9 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 7.22 ug/l

RT: 1.61 min Scan# 168

Delta R.T. -0.10 min

Lab File: VX003697.D

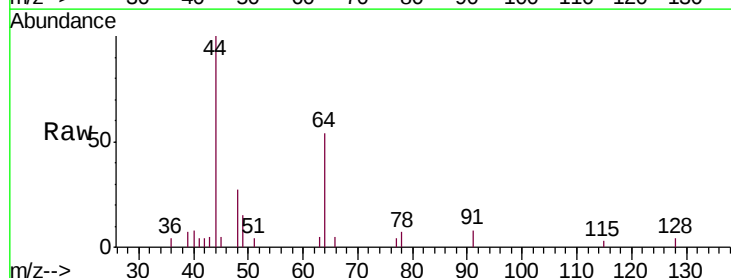
Acq: 27 Jul 2018 04:40

Tgt Ion: 64 Resp: 5720

Ion Ratio Lower Upper

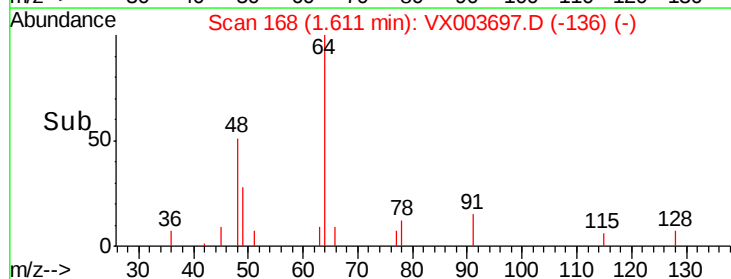
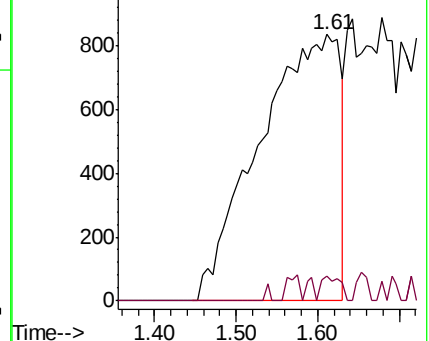
64 100

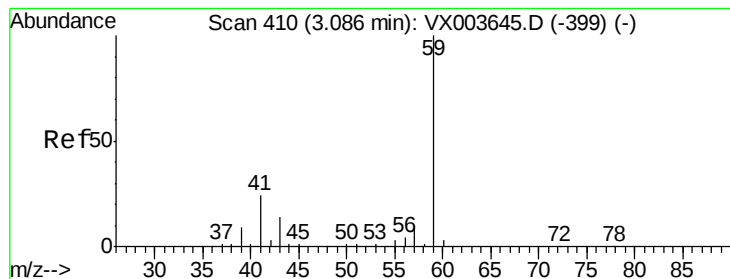
66 9.1 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



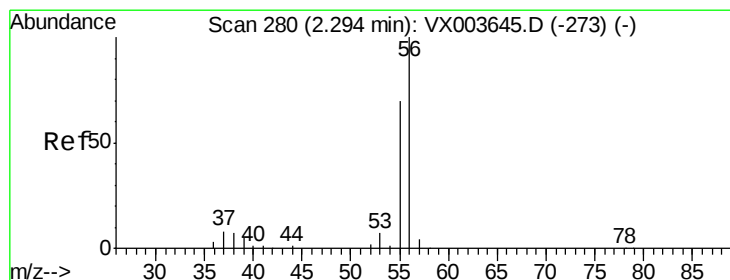
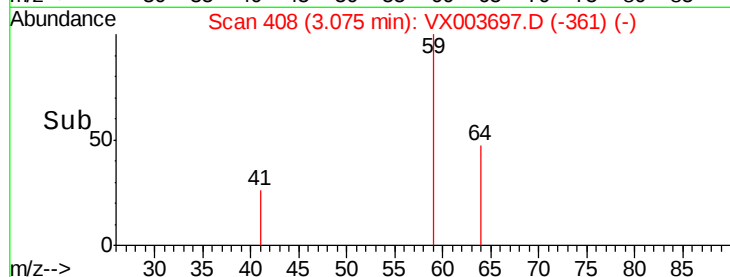
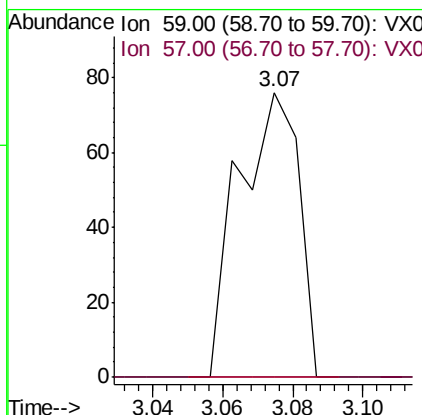
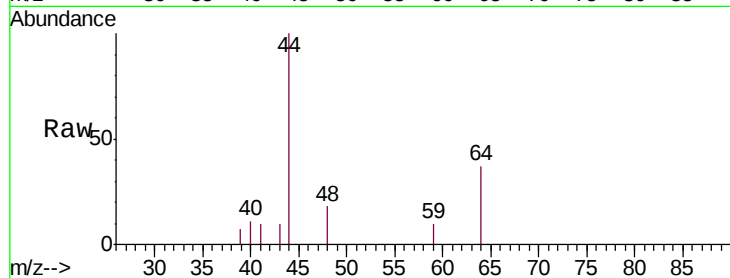


#11

Tert butyl alcohol
 Concen: 0.29 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0508

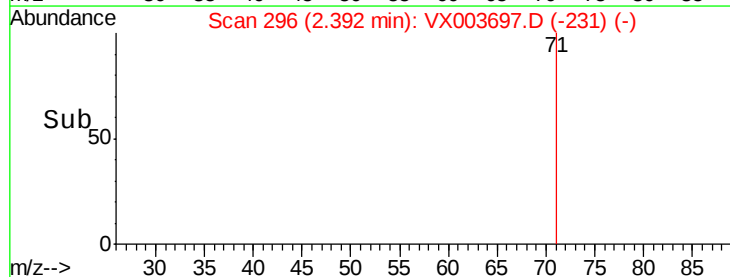
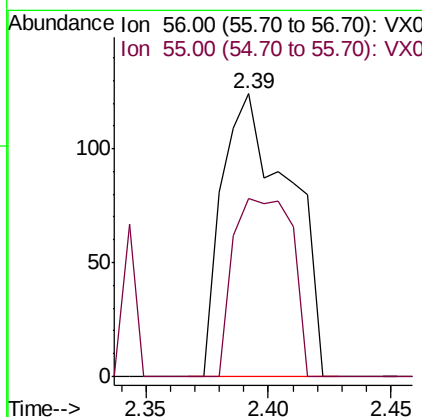
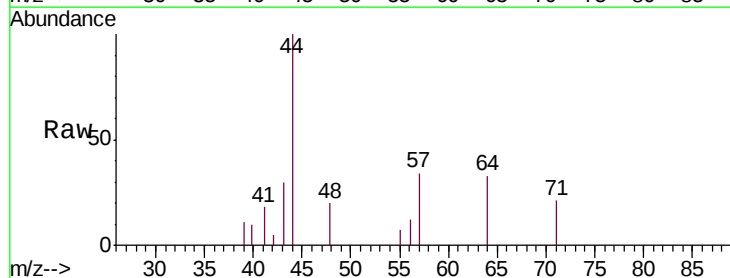
Tot Ion: 59 Resp: 91
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

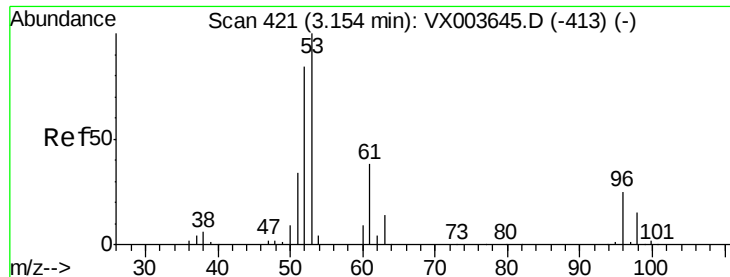


#13

Acrolein
 Concen: 5.54 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. 0.10 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

Tgt Ion: 56 Resp: 240
 Ion Ratio Lower Upper
 56 100
 55 54.6 55.4 83.2#





#15

Acrylonitrile

Concen: 0.48 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampled :

FL-0508

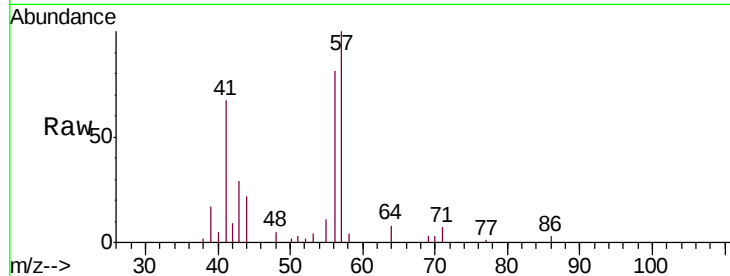
Tot Ion: 53 Resp: 355

Ion Ratio Lower Upper

53 100

52 11.8 66.1 99.1#

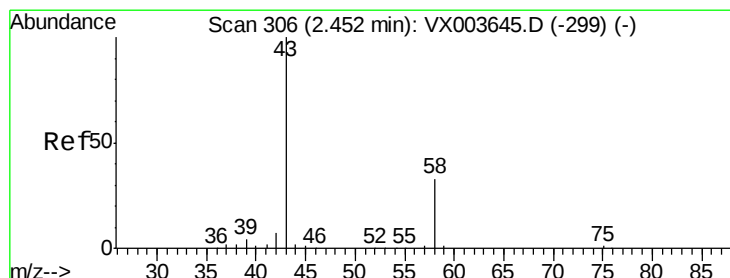
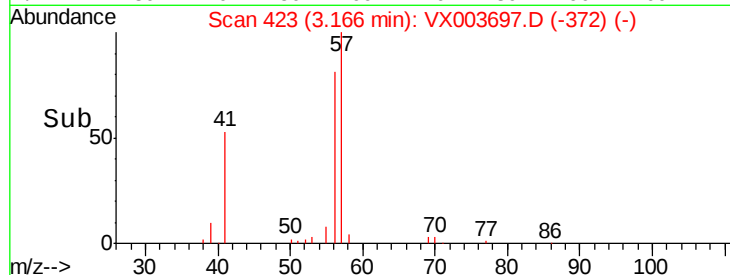
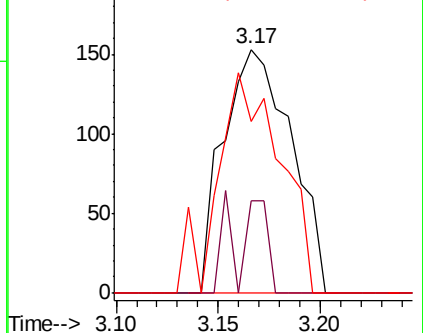
51 0.0 28.2 42.4#



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: 2.71 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003697.D

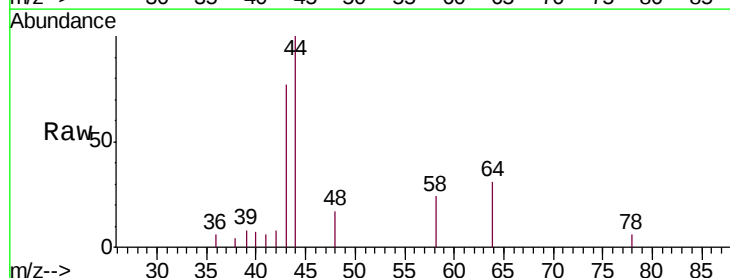
Acq: 27 Jul 2018 04:40

Tgt Ion: 43 Resp: 1648

Ion Ratio Lower Upper

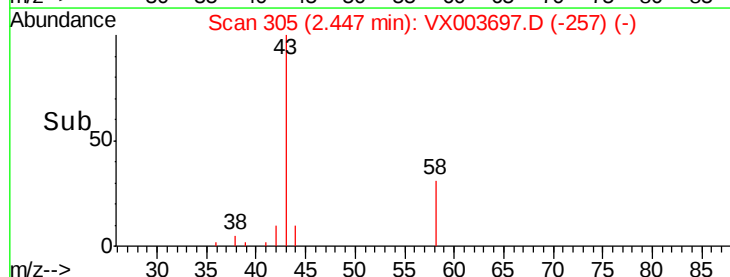
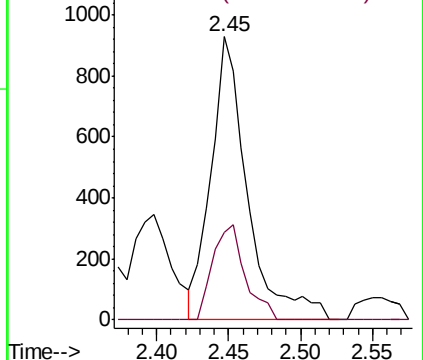
43 100

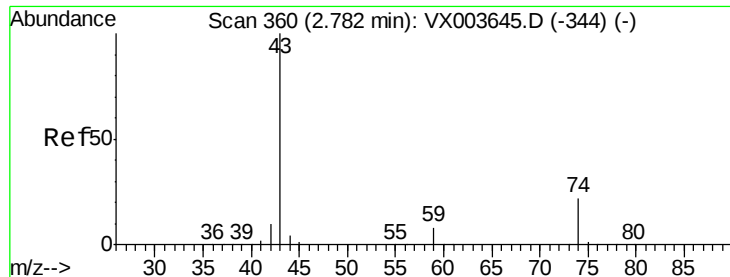
58 30.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

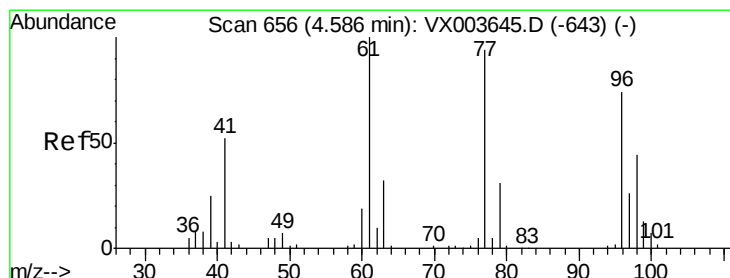
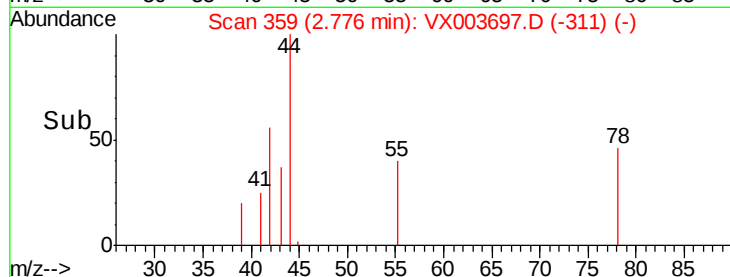
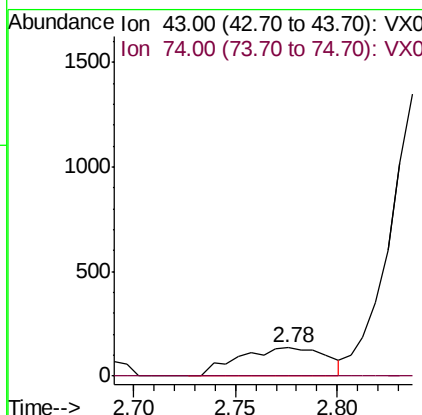
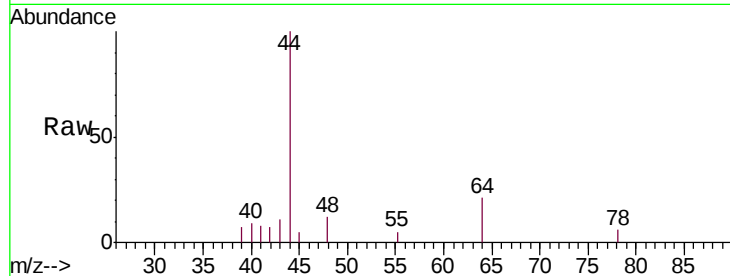




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

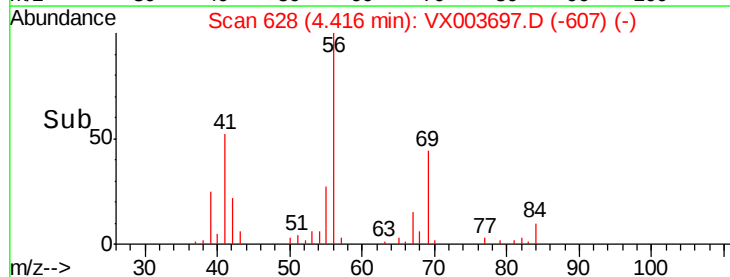
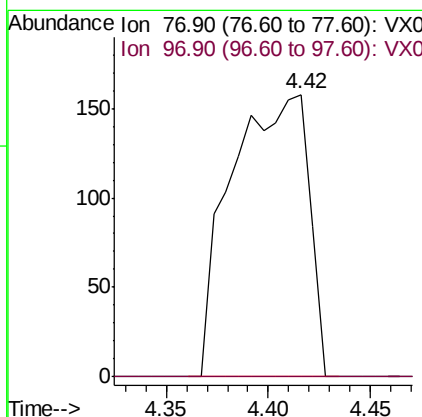
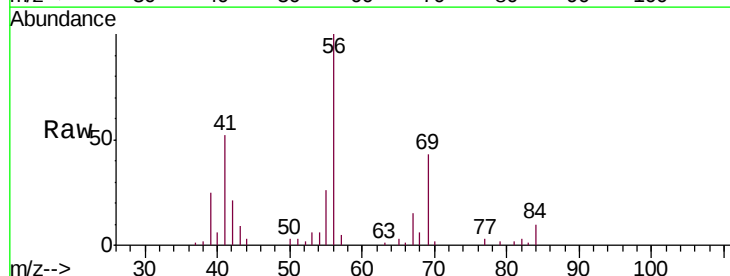
Instrument :
MSVOA_X
ClientSampled :
FL-0508

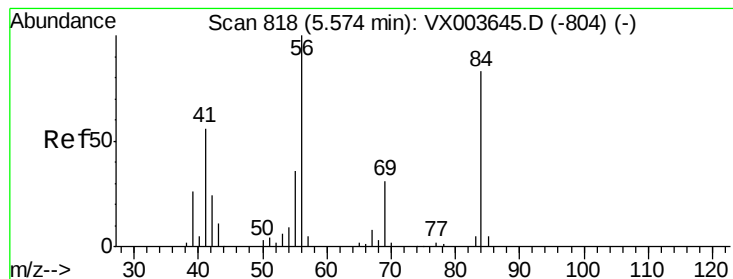
Tot Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#26
2,2-Dichloropropane
Concen: 0.30 ug/l
RT: 4.42 min Scan# 628
Delta R.T. -0.17 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion: 77 Resp: 417
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.0#





#31

Cyclohexane

Concen: 18.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampled :

FL-0508

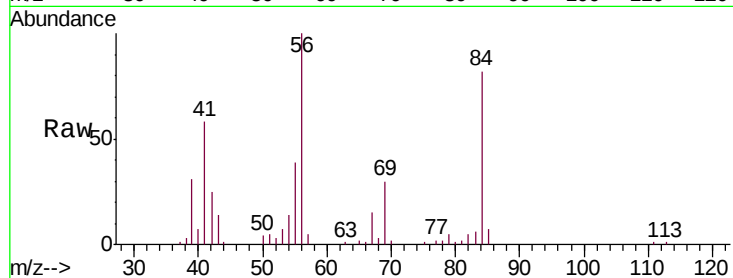
Tot Ion: 56 Resp: 31713

Ion Ratio Lower Upper

56 100

69 29.6 25.0 37.6

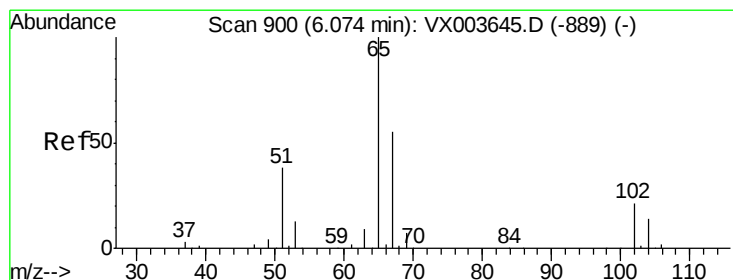
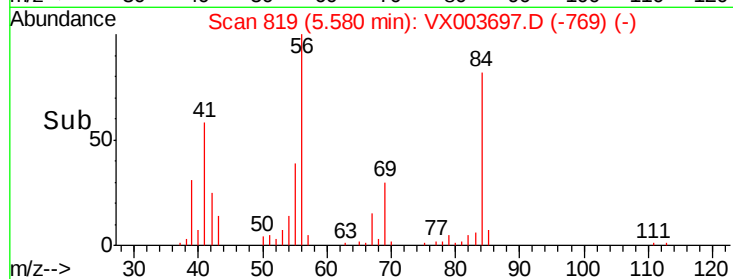
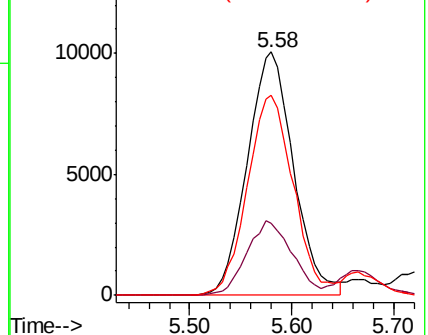
84 82.3 66.5 99.7



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: 57.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003697.D

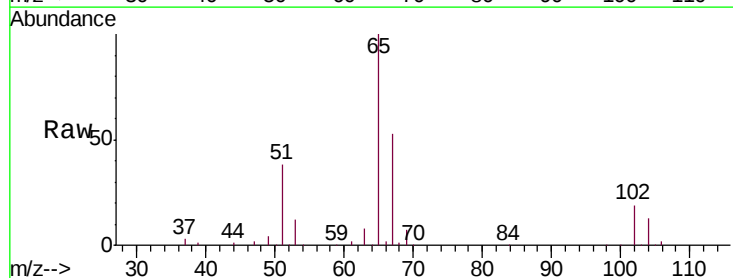
Acq: 27 Jul 2018 04:40

Tgt Ion: 65 Resp: 74666

Ion Ratio Lower Upper

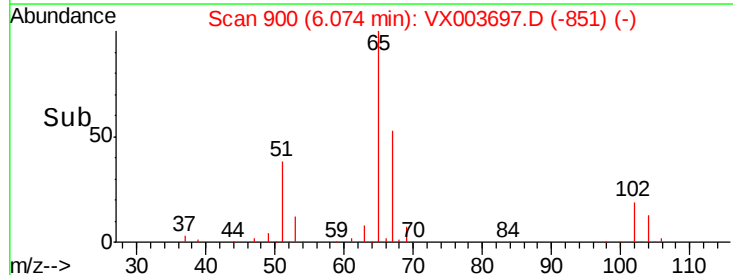
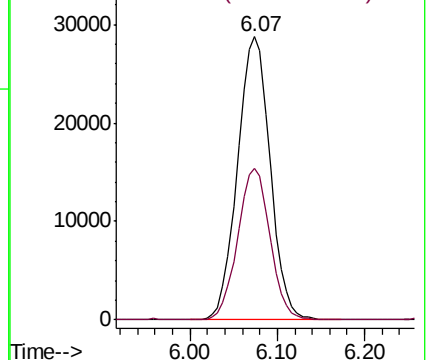
65 100

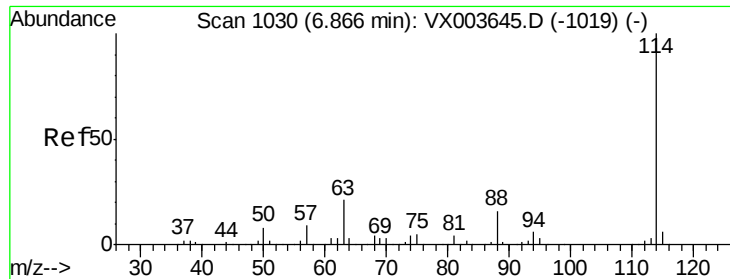
67 53.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

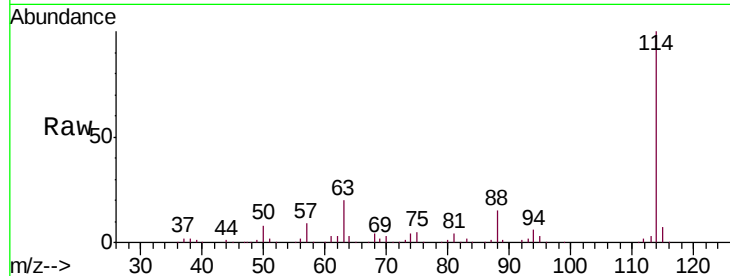




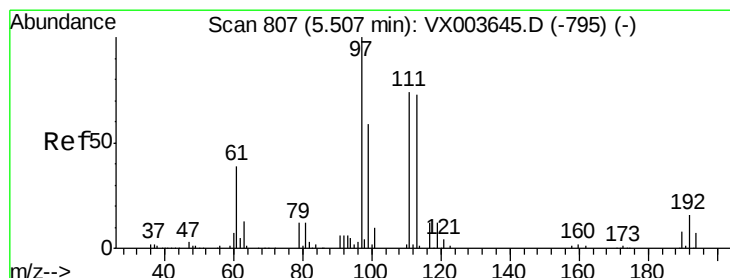
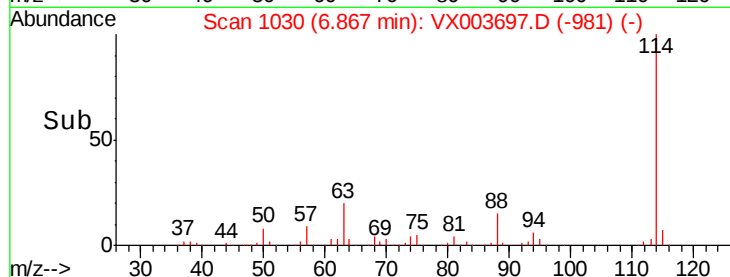
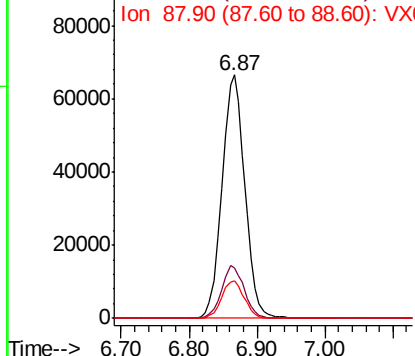
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0508

Tot Ion:114 Resp: 154559
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.0
88 15.3 0.0 31.8

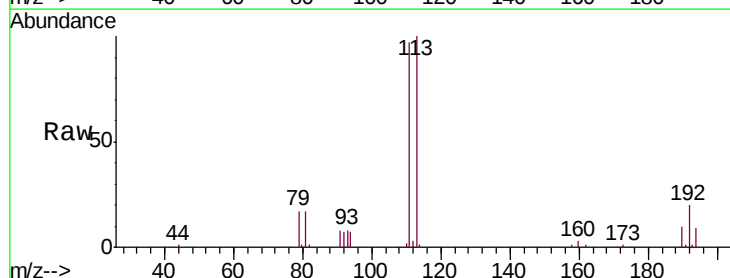


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

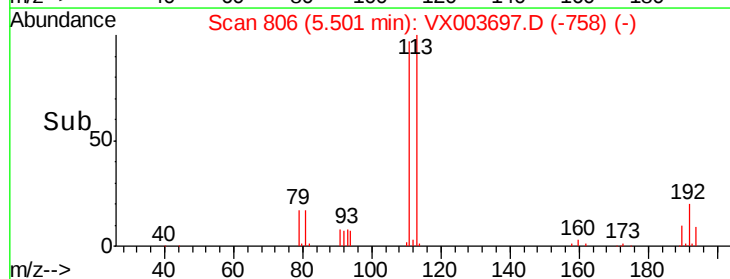
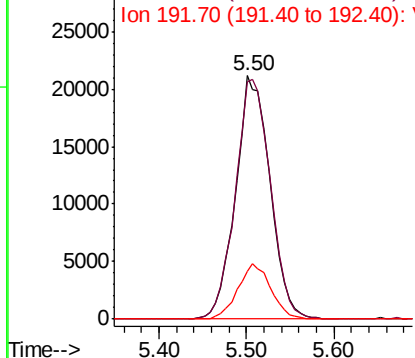


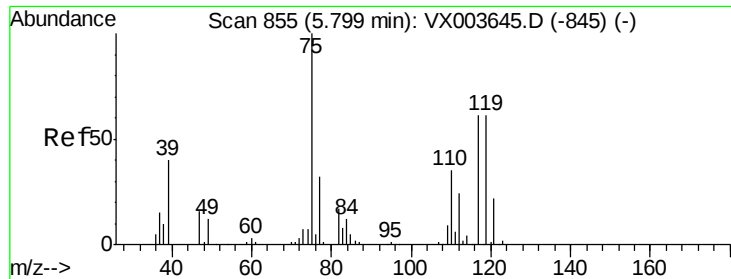
#35
Dibromofluoromethane
Concen: 45.63 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion:113 Resp: 57649
Ion Ratio Lower Upper
113 100
111 101.0 81.2 121.8
192 21.9 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

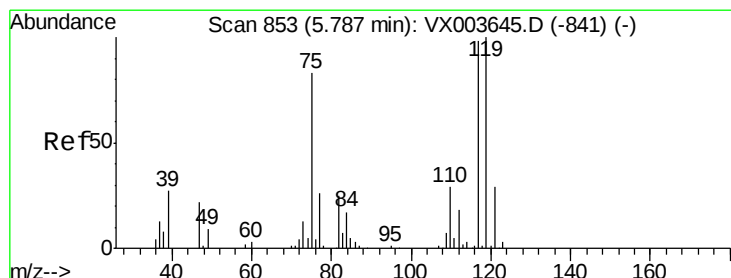
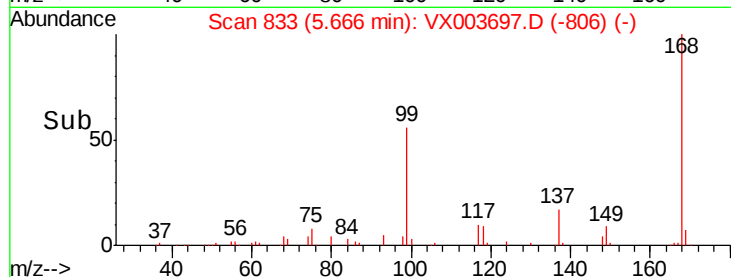
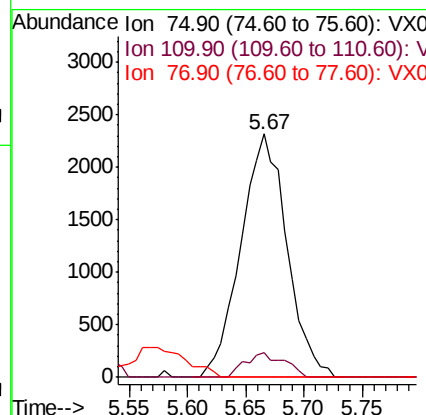
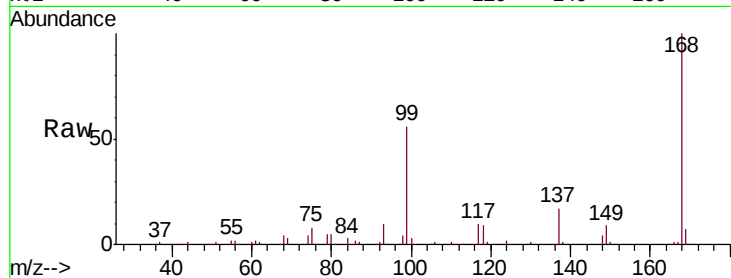




#36
 1,1-Dichloropropene
 Concen: 3.54 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

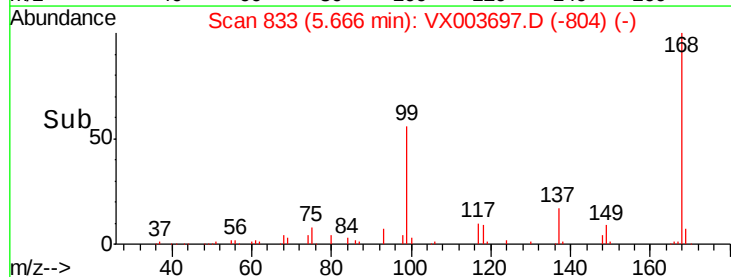
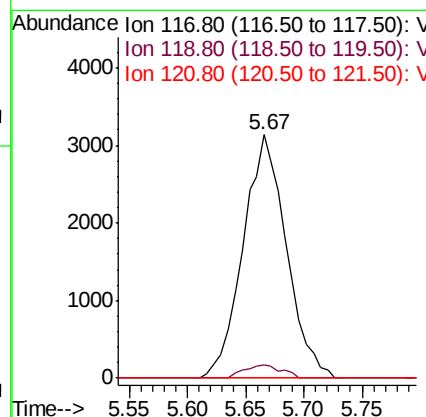
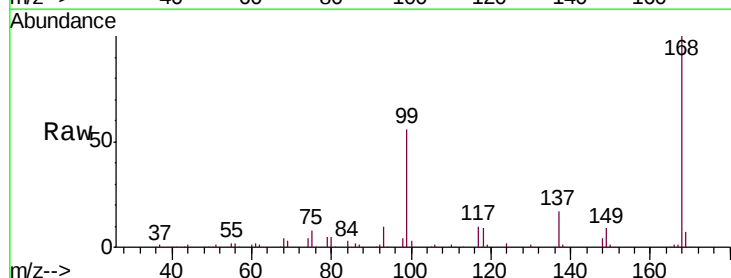
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0508

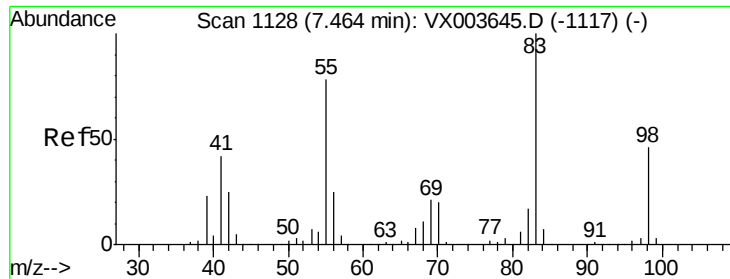
Tot Ion: 75 Resp: 6388
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 4.66 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

Tgt Ion: 117 Resp: 8123
 Ion Ratio Lower Upper
 117 100
 119 5.2 81.0 121.4#
 121 0.0 23.7 35.5#

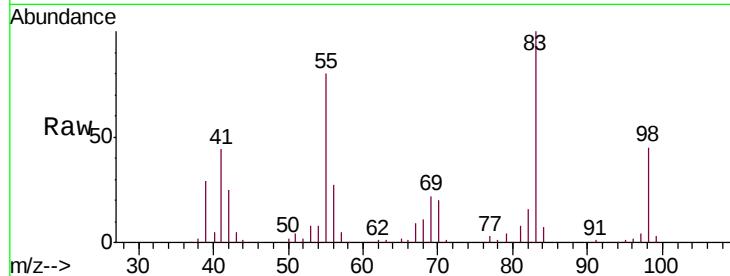




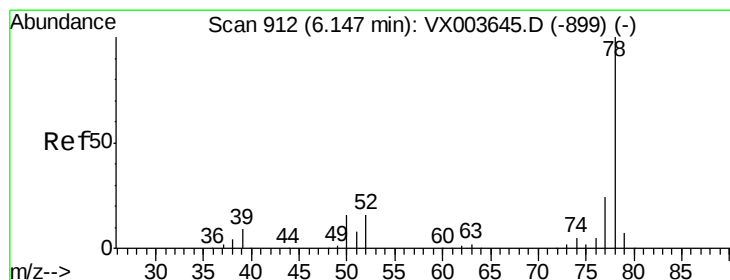
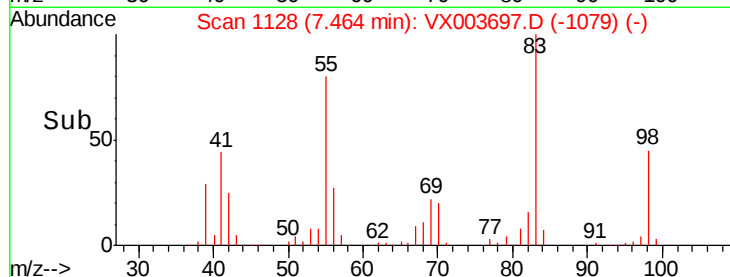
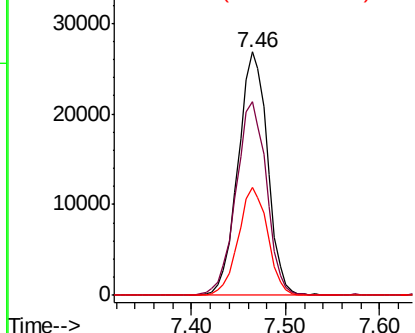
#39
Methvlcvclohexane
Concen: 29.55 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0508

Tot Ion: 83 Resp: 58771
Ion Ratio Lower Upper
83 100
55 79.8 62.6 93.8
98 44.6 36.6 55.0

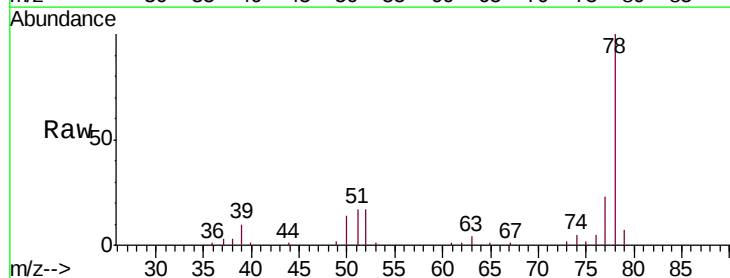


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

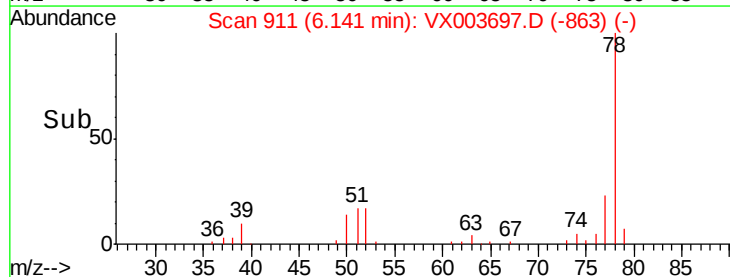
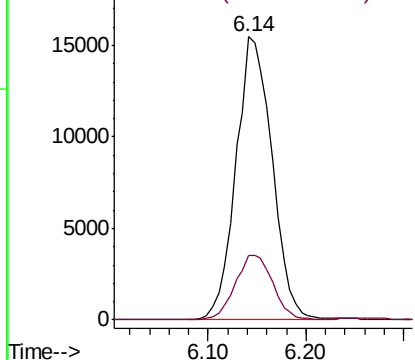


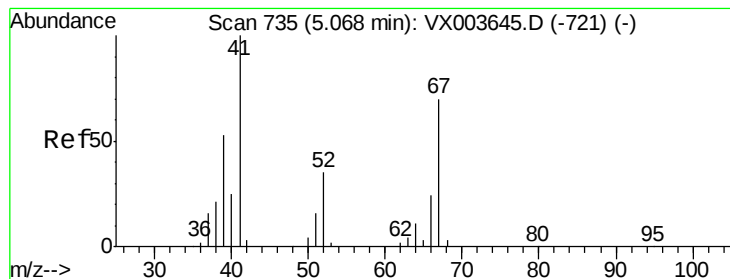
#40
Benzene
Concen: 7.45 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion: 78 Resp: 39809
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 0.23 ug/l

RT: 5.24 min Scan# 764

Delta R.T. 0.18 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampled :

FL-0508

Tot Ion: 41 Resp: 275

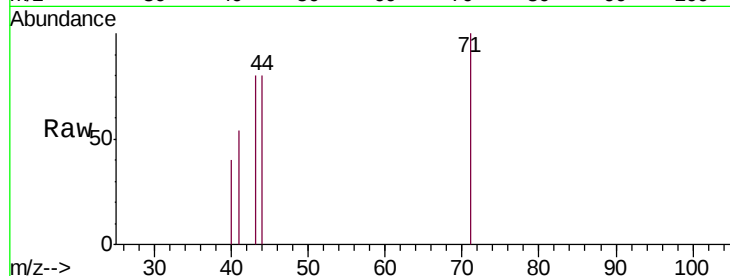
Ion Ratio Lower Upper

41 100

39 0.0 42.2 63.4#

67 0.0 56.6 84.8#

52 0.0 24.0 36.0#

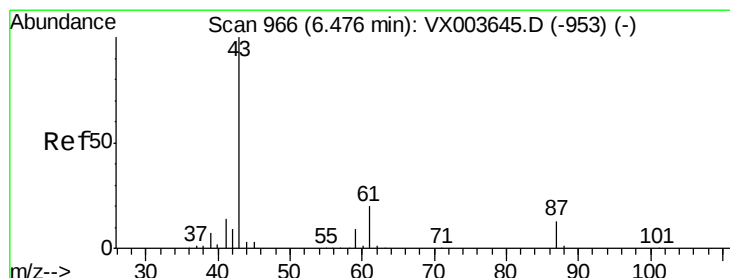
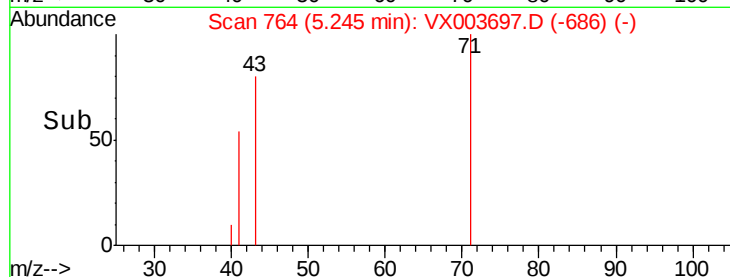
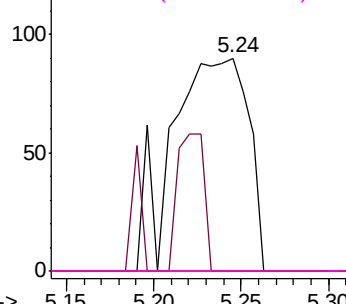


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 0.25 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

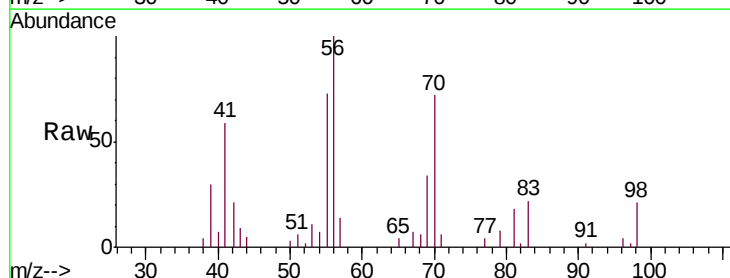
Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

61 0.0 15.9 23.9#

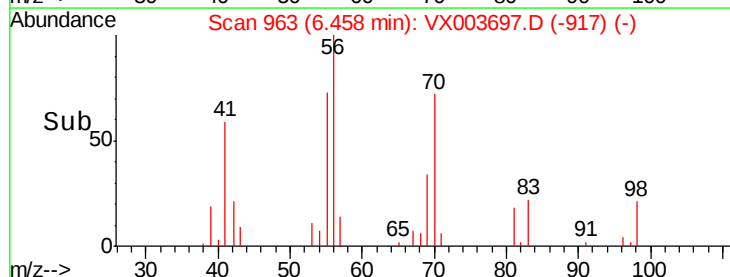
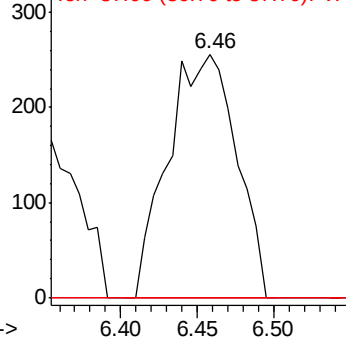
87 0.0 10.1 15.1#

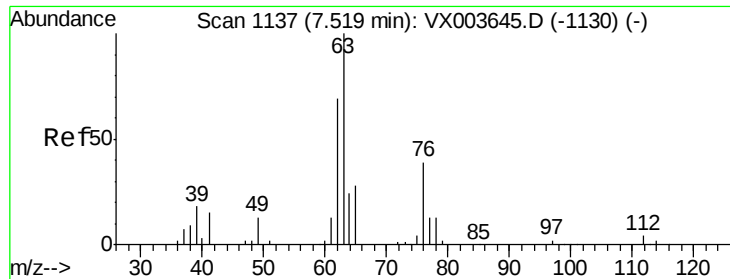


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#45

1,2-Dichloropropane

Concen: 0.54 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

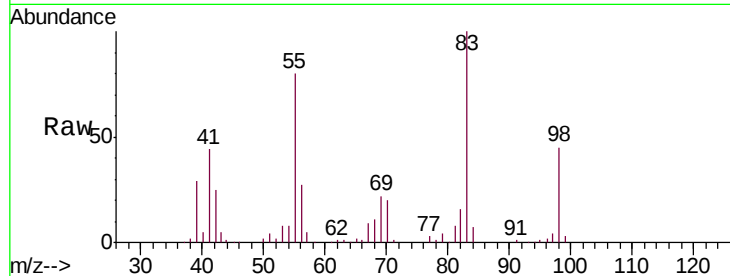
FL-0508

Tot Ion: 63 Resp: 748

Ion Ratio Lower Upper

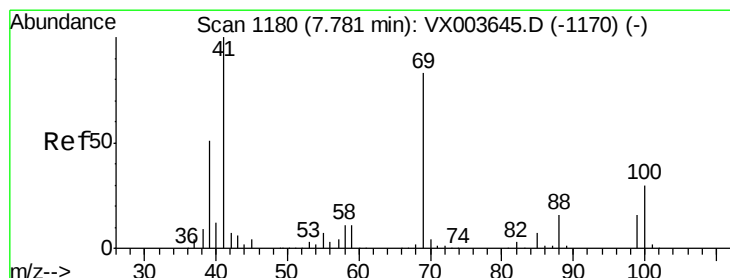
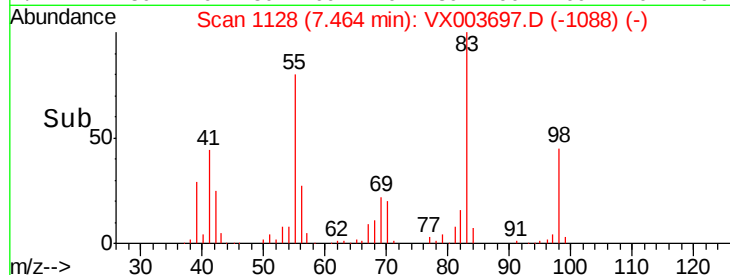
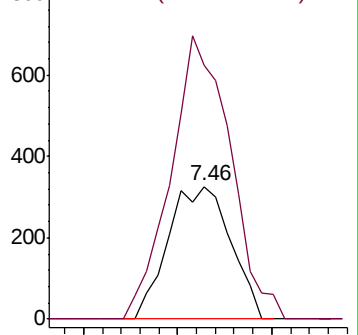
63 100

65 191.4 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 2.42 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.04 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

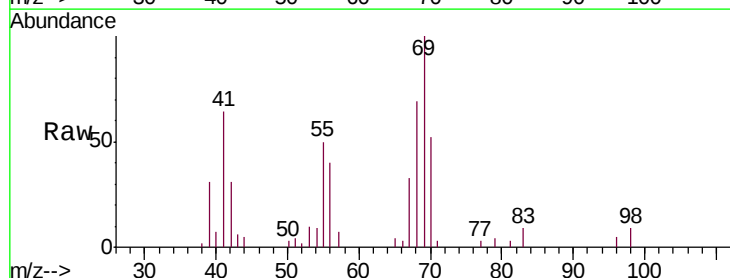
Tgt Ion: 41 Resp: 3885

Ion Ratio Lower Upper

41 100

69 146.8 66.9 100.3#

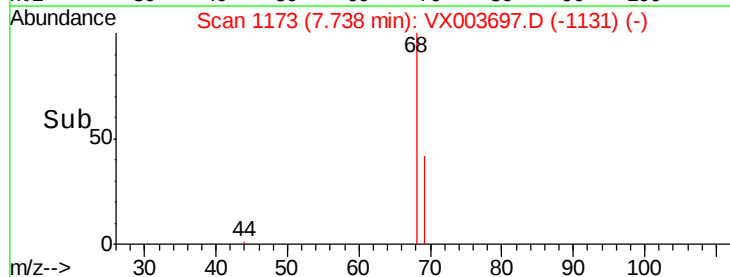
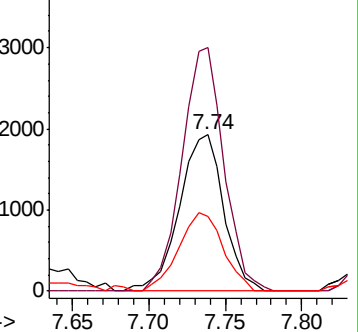
39 50.1 41.2 61.8

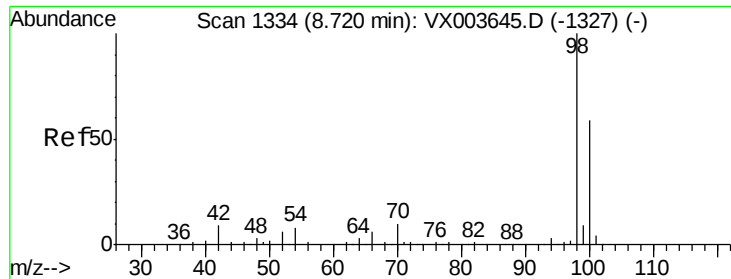


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

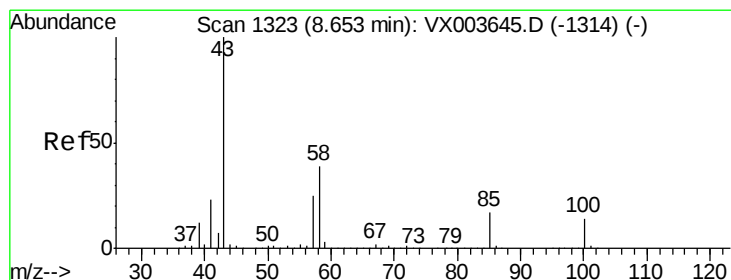
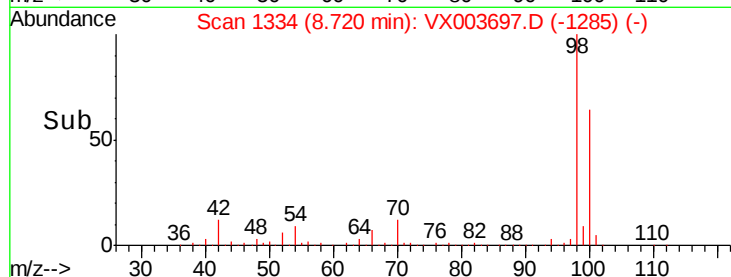
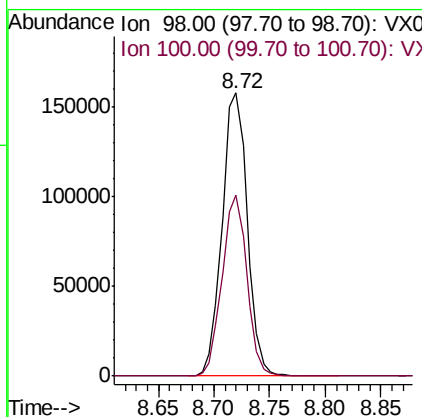
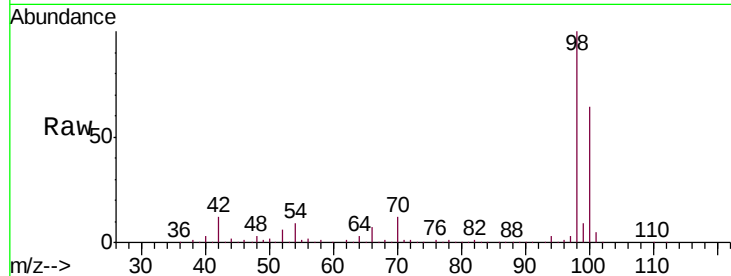




#50
Toluene-d8
Concen: 51.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

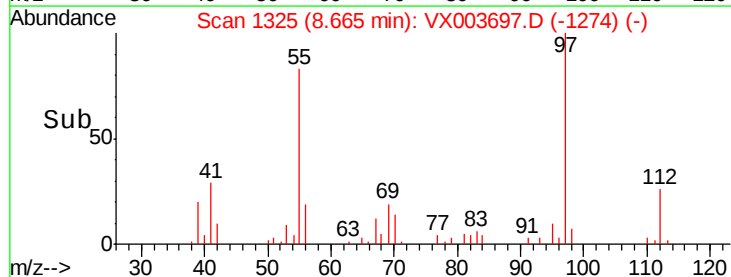
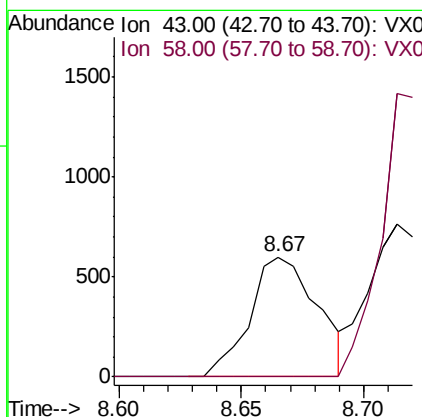
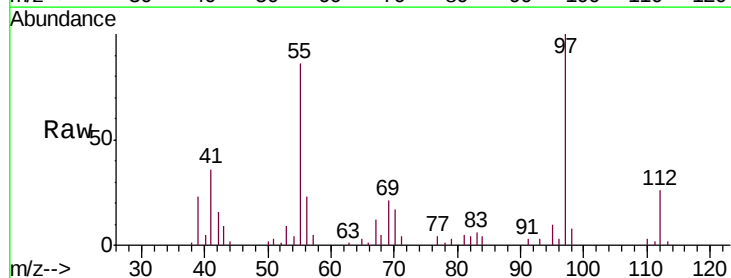
Instrument :
MSVOA_X
ClientSampleId :
FL-0508

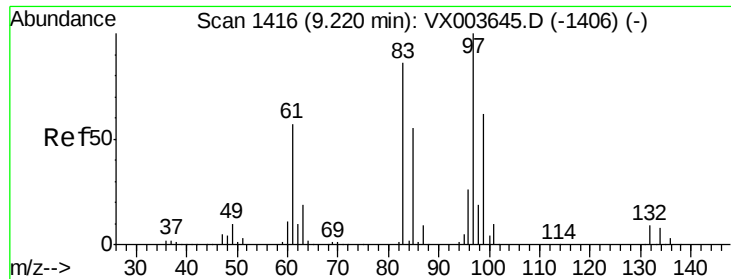
Tot Ion: 98 Resp: 247087
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 0.0 31.5 47.3#

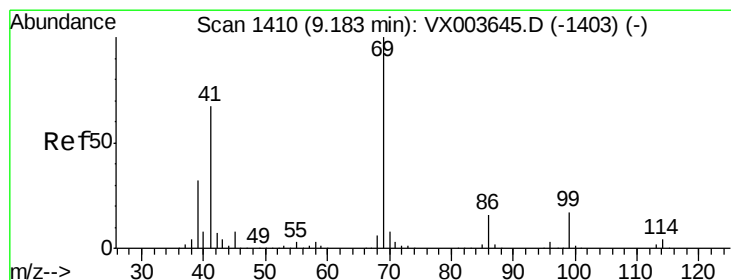
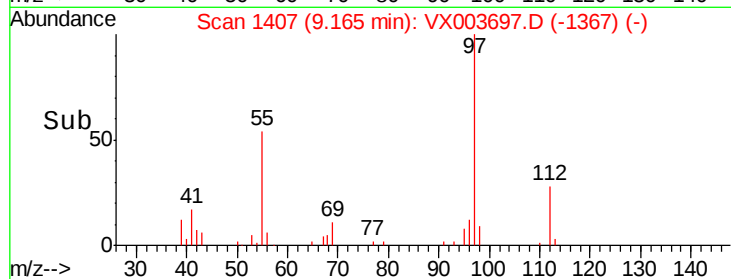
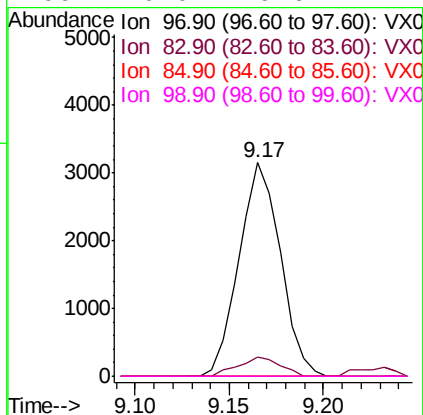
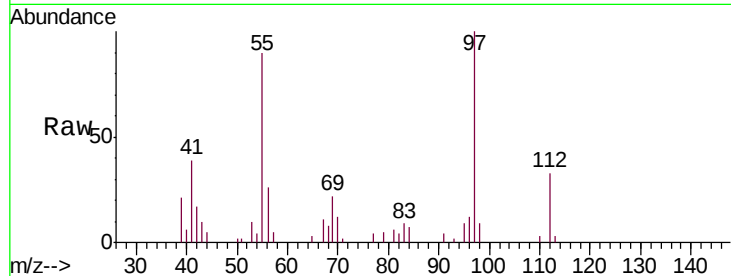




#55
 1,1,2-Trichloroethane
 Concen: 3.53 ug/l
 RT: 9.17 min Scan# 1407
 Delta R.T. -0.05 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

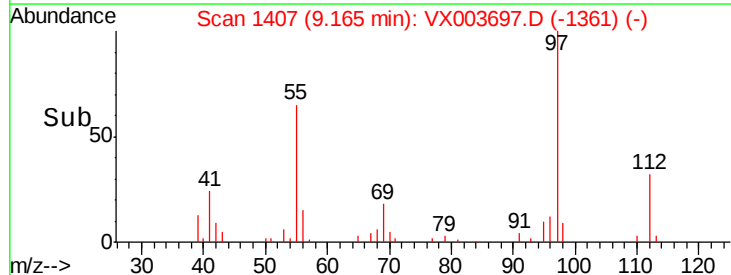
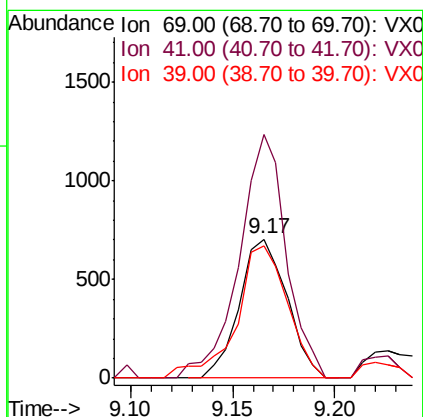
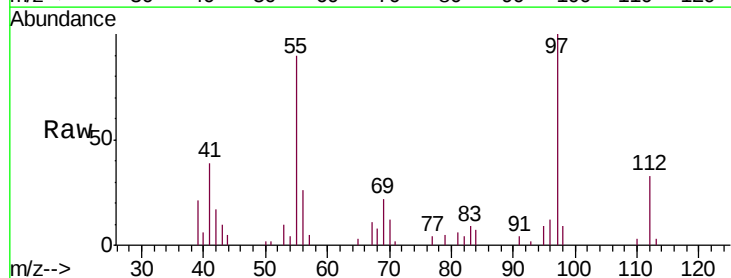
Instrument :
 MSVOA_X
 ClientSampled :
 FL-0508

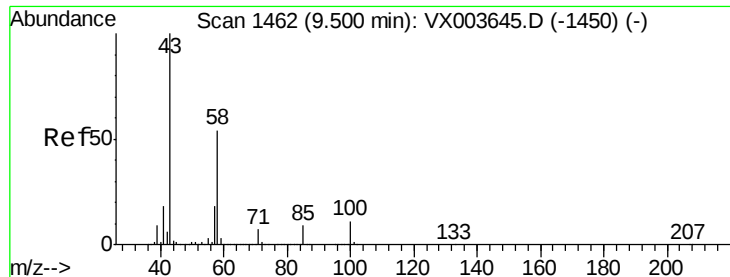
Tot Ion: 97 Resp: 4793
 Ion Ratio Lower Upper
 97 100
 83 8.9 68.7 103.1#
 85 0.0 43.7 65.5#
 99 0.0 49.6 74.4#



#56
 Ethyl methacrylate
 Concen: 0.56 ug/l
 RT: 9.17 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

Tgt Ion: 69 Resp: 1141
 Ion Ratio Lower Upper
 69 100
 41 173.3 53.8 80.6#
 39 102.4 25.8 38.8#

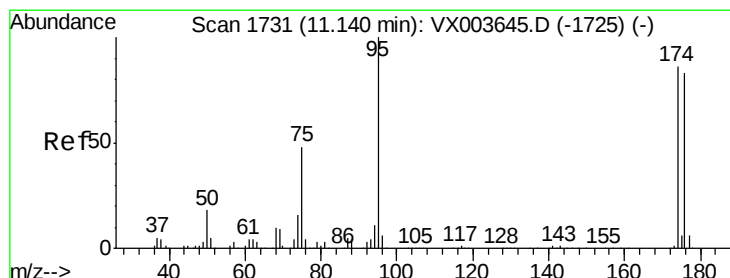
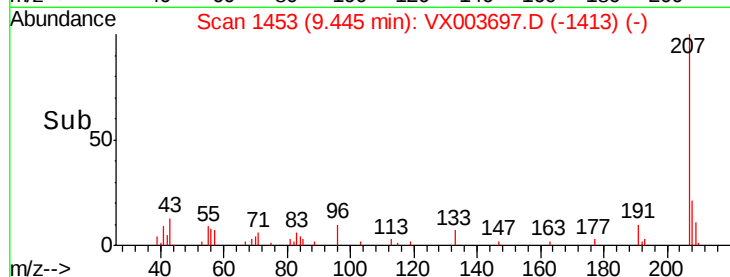
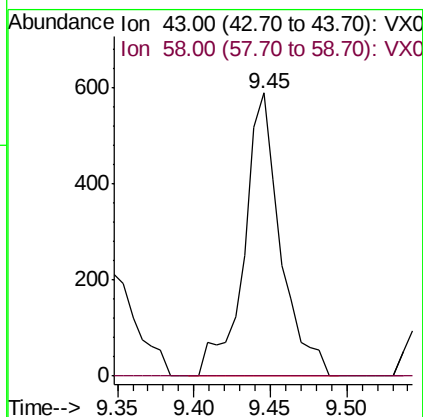
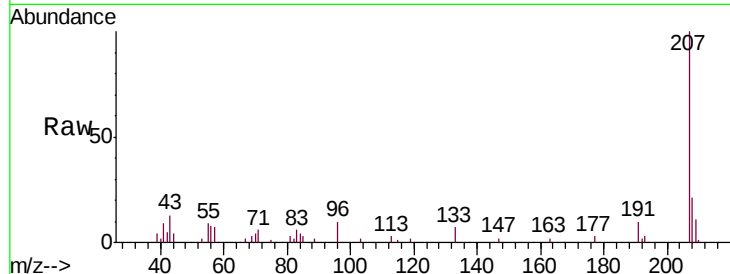




#59
2-Hexanone
Concen: 0.60 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

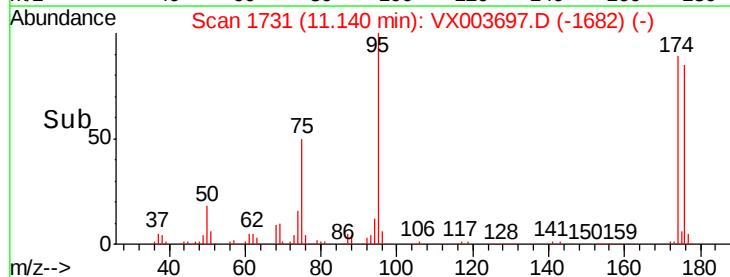
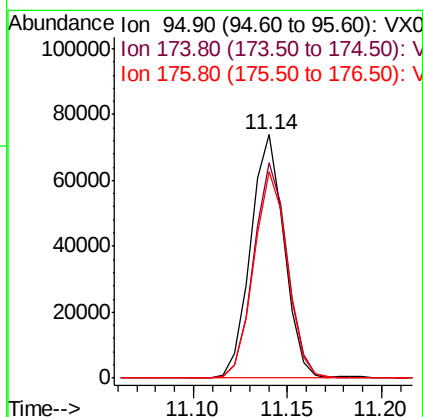
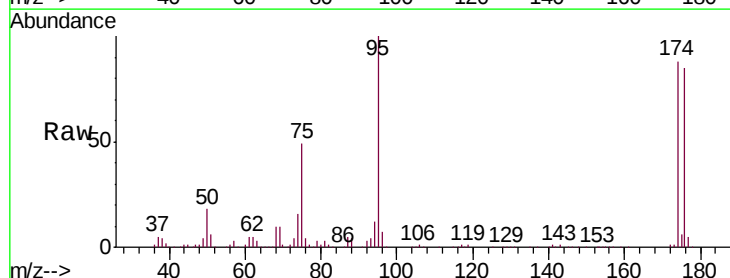
Instrument :
MSVOA_X
ClientSampleId :
FL-0508

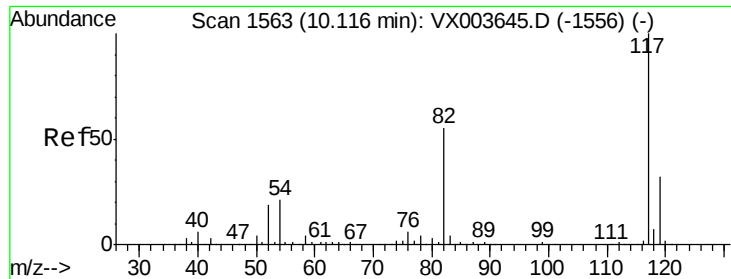
Tot Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.9#



#62
4-Bromofluorobenzene
Concen: 51.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion: 95 Resp: 90969
Ion Ratio Lower Upper
95 100
174 88.9 0.0 179.0
176 85.6 0.0 173.0

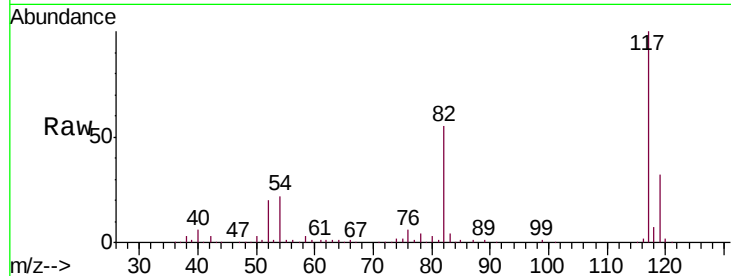




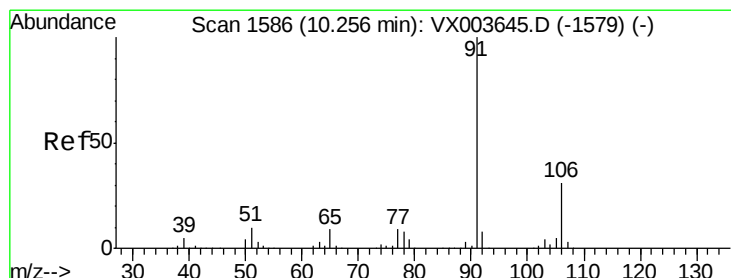
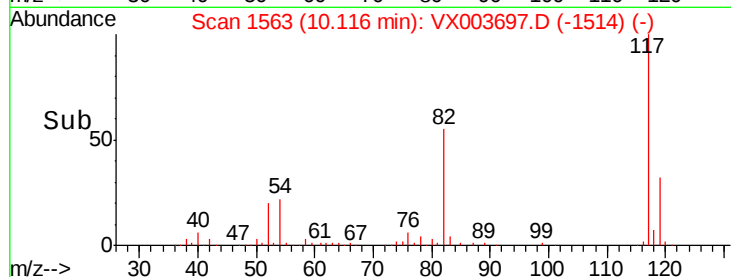
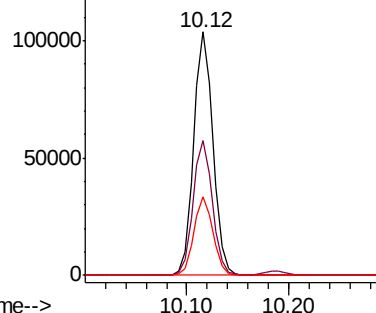
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Instrument :
MSVOA_X
ClientSampled :
FL-0508

Tot Ion:117 Resp: 136576
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.4 25.6 38.4

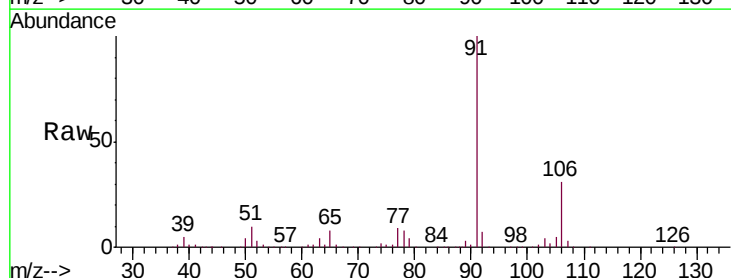


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

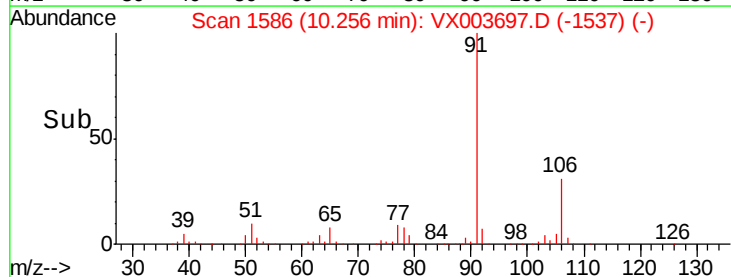
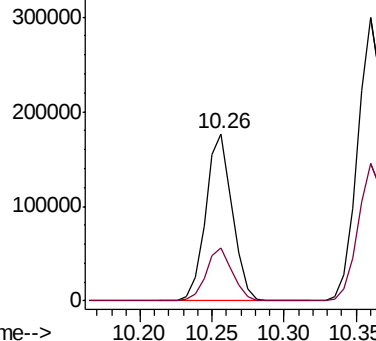


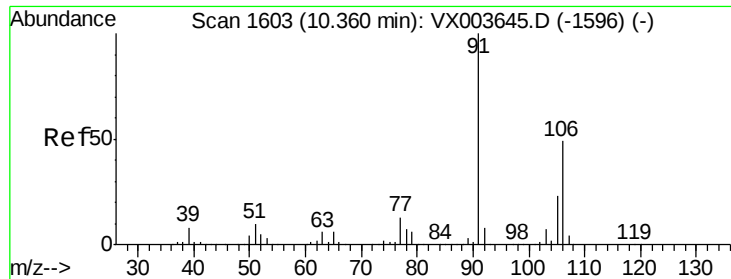
#67
Ethyl Benzene
Concen: 39.55 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion: 91 Resp: 227569
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



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

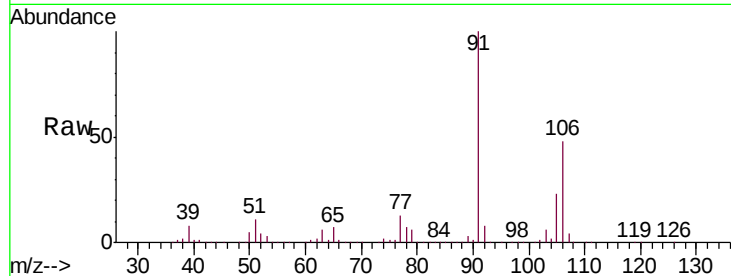




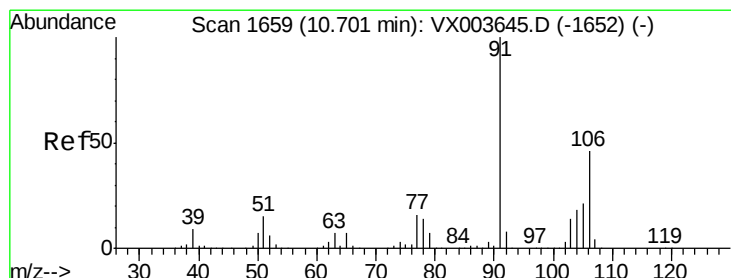
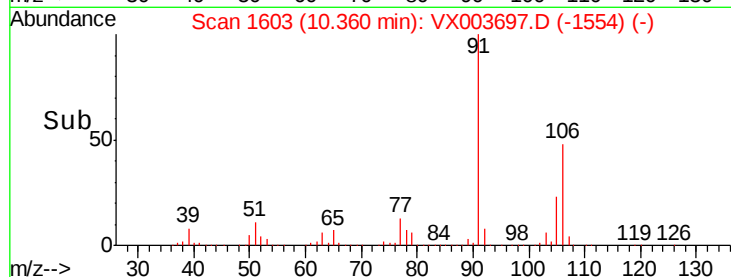
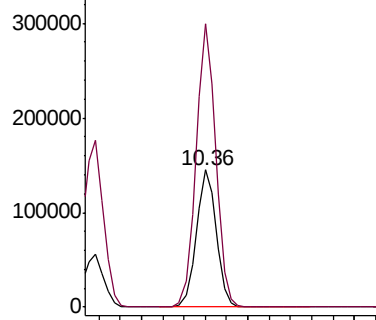
#68
m/p-Xylenes
Concen: 85.79 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0508

Tot Ion:106 Resp: 189366
Ion Ratio Lower Upper
106 100
91 204.5 162.2 243.2

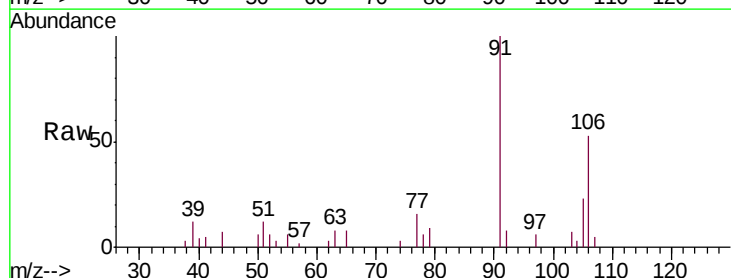


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

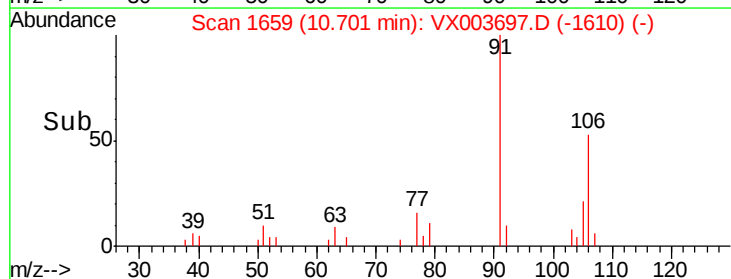
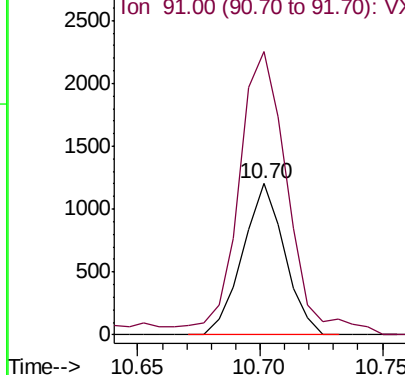


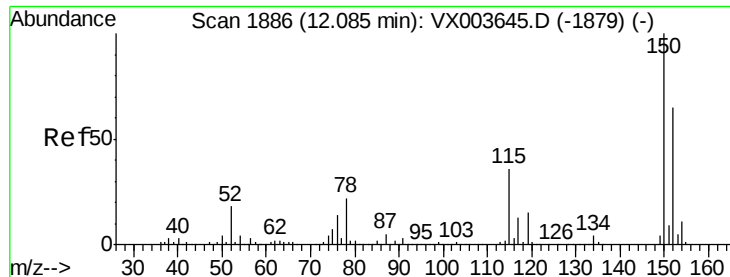
#69
o-Xylene
Concen: 0.68 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion:106 Resp: 1437
Ion Ratio Lower Upper
106 100
91 218.6 107.1 321.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0508

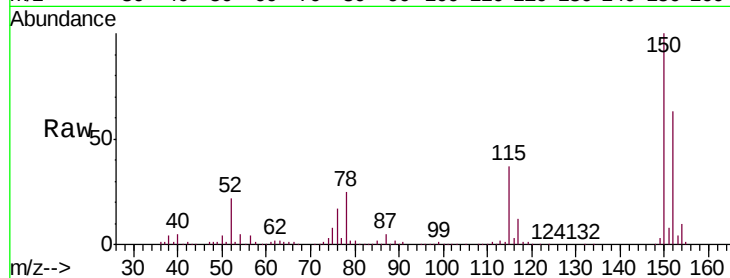
Tot Ion:152 Resp: 74939

Ion Ratio Lower Upper

152 100

115 56.9 40.0 119.9

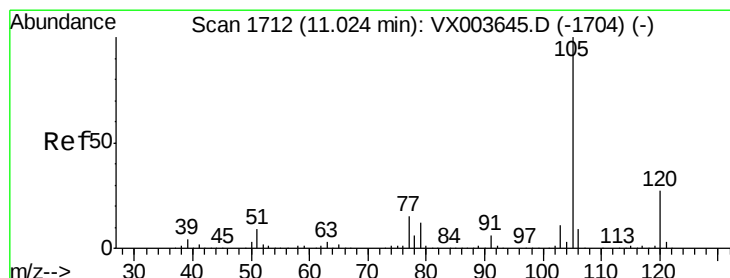
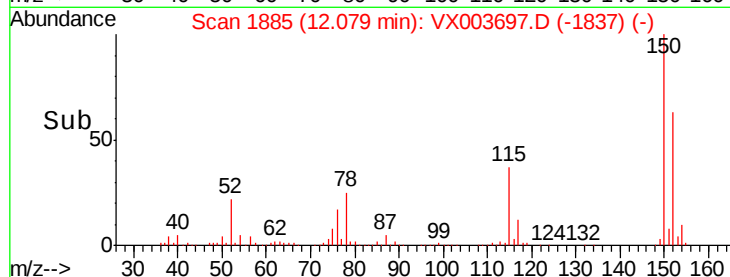
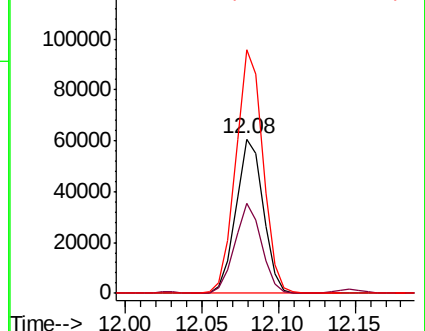
150 157.1 0.0 348.4



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: 4.57 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003697.D

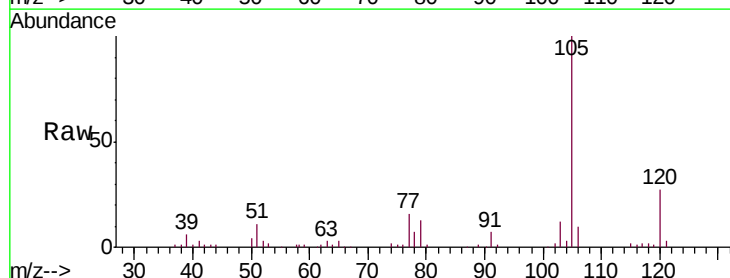
Acq: 27 Jul 2018 04:40

Tgt Ion:105 Resp: 23378

Ion Ratio Lower Upper

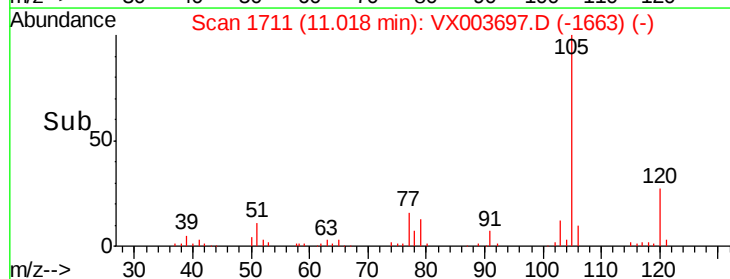
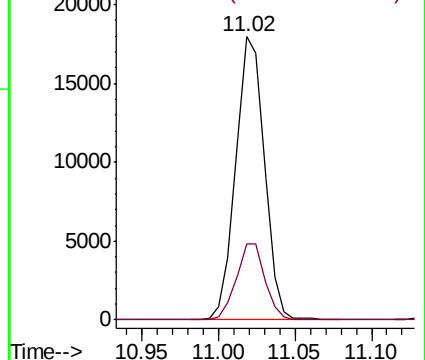
105 100

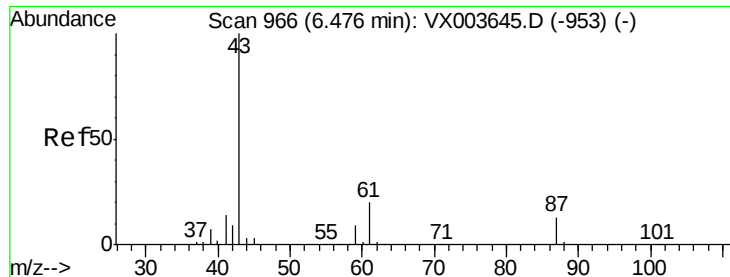
120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.30 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0508

Tot Ion: 43 Resp: 800

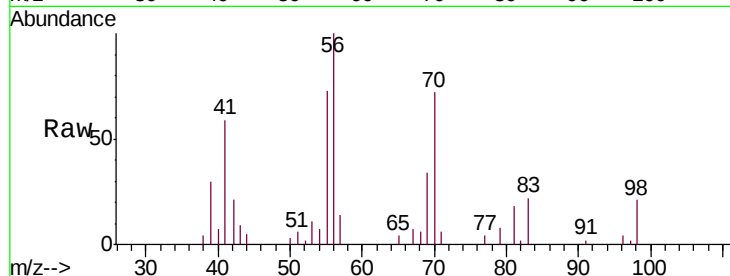
Ion Ratio Lower Upper

43 100

70 679.3 0.0 0.0#

55 719.5 0.0 0.0#

61 0.0 15.9 23.9#

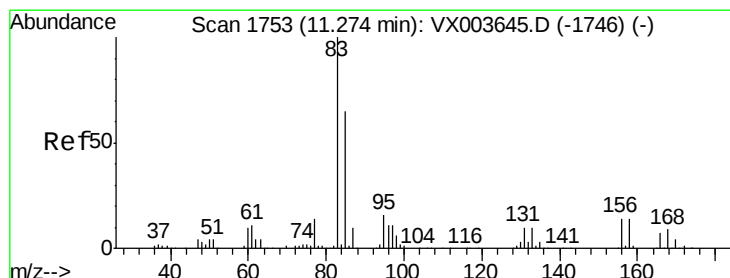
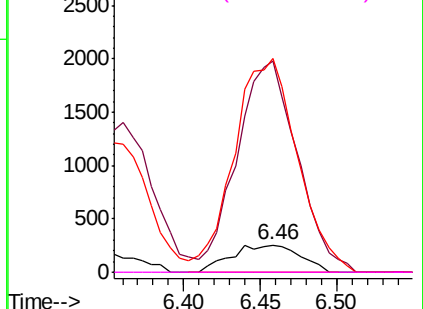
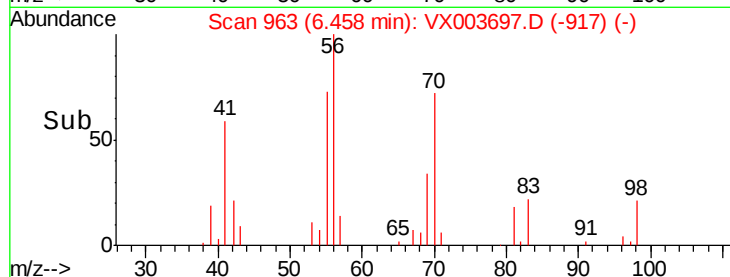


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.21 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

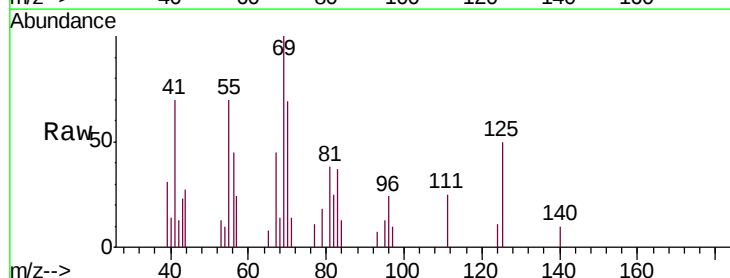
Tgt Ion: 83 Resp: 392

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

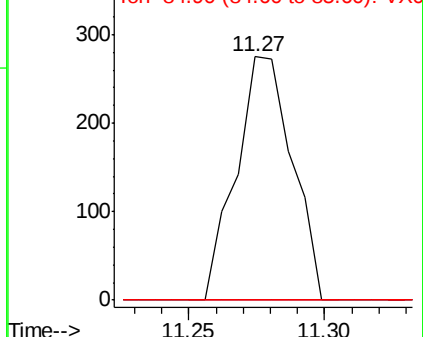
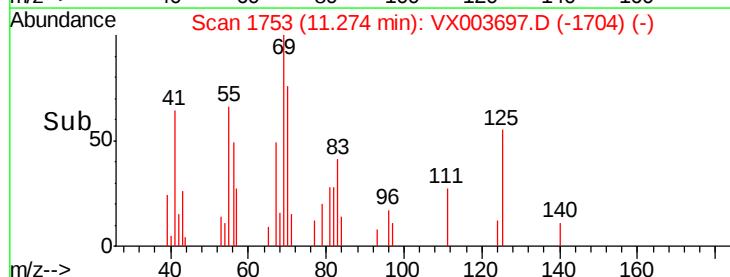
85 0.0 31.9 95.9#

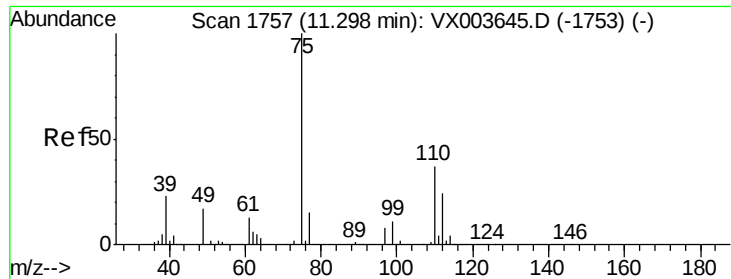


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 28.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

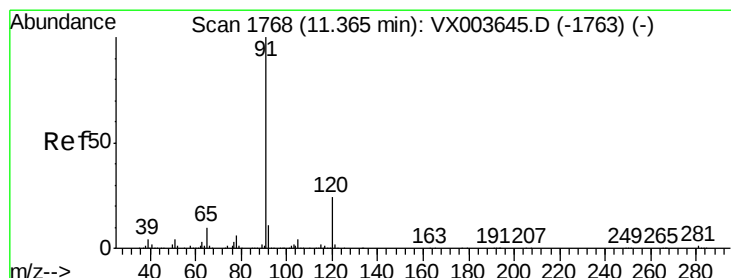
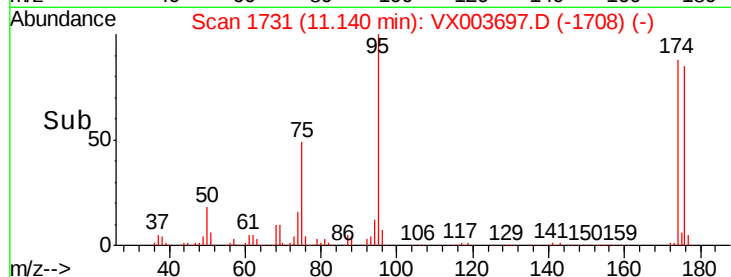
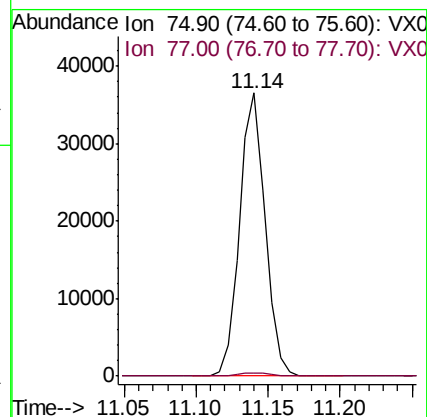
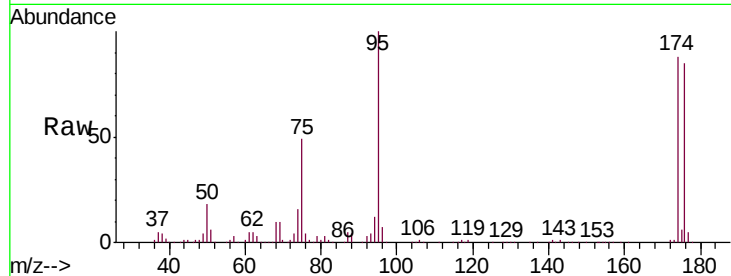
FL-0508

Tot Ion: 75 Resp: 45199

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.6#



#78

n-propylbenzene

Concen: 4.67 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003697.D

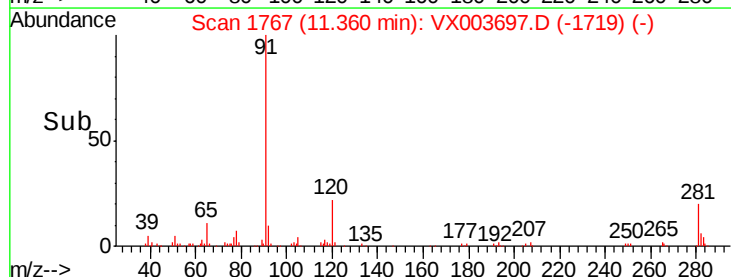
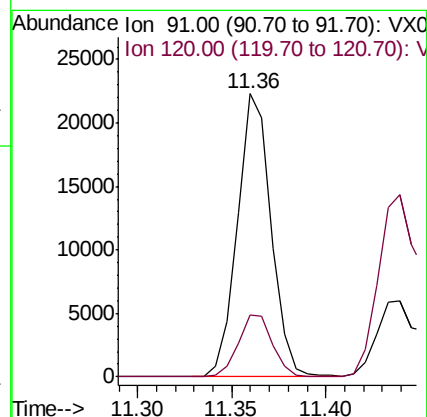
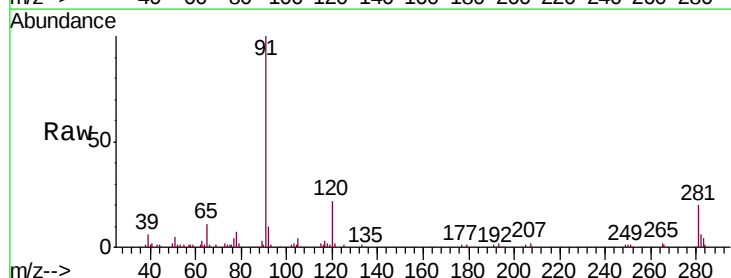
Acq: 27 Jul 2018 04:40

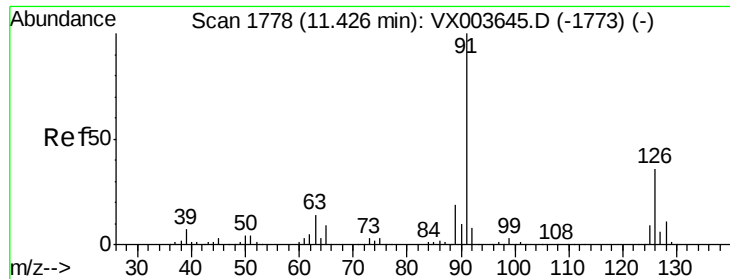
Tgt Ion: 91 Resp: 27594

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.3

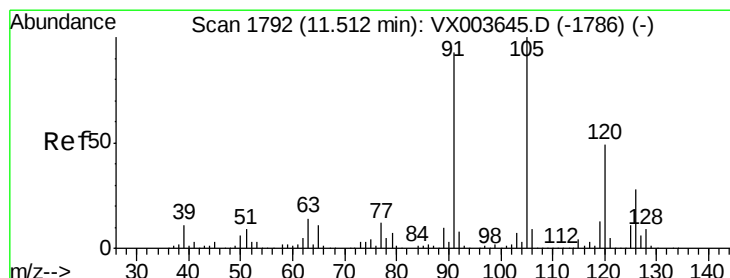
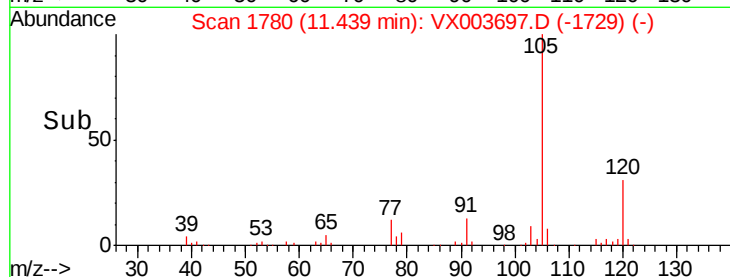
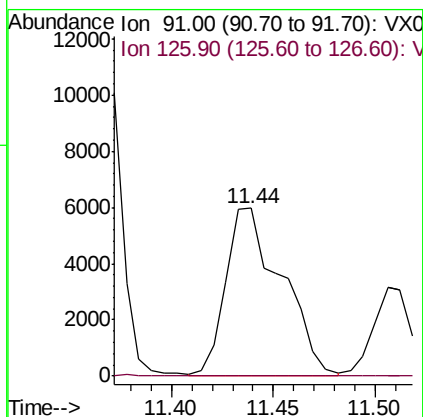
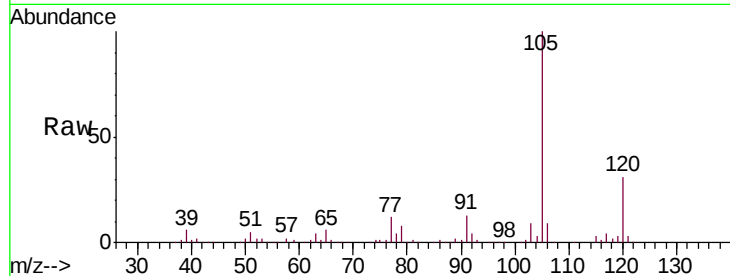




#79
 2-Chlorotoluene
 Concen: 3.17 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

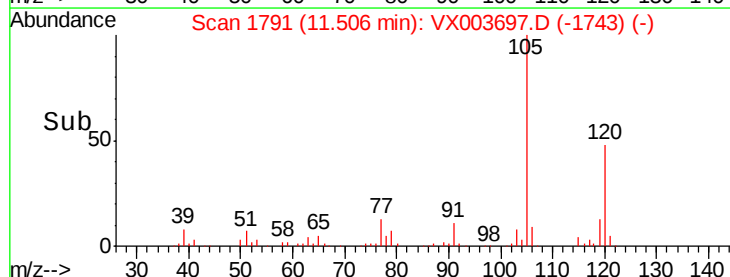
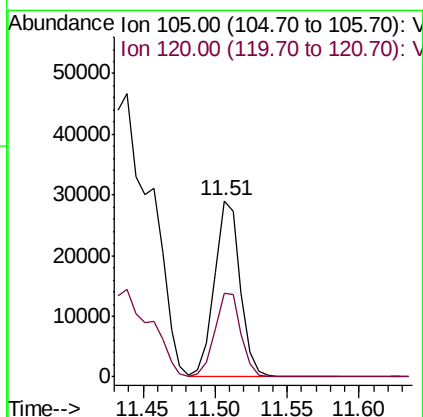
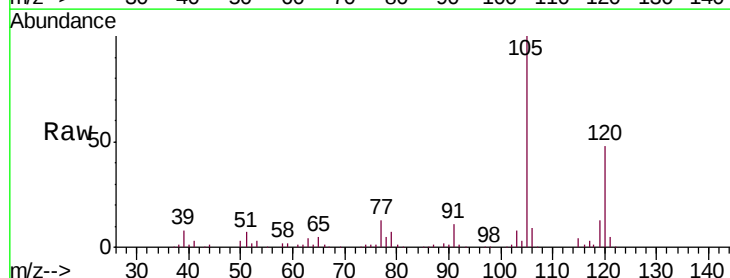
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0508

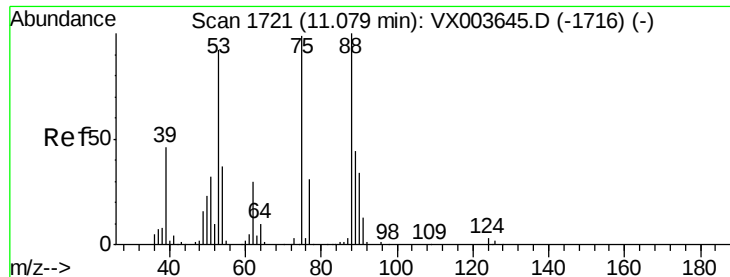
Tot Ion: 91 Resp: 11397
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 8.42 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003697.D
 Acq: 27 Jul 2018 04:40

Tgt Ion:105 Resp: 36481
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 89.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0508

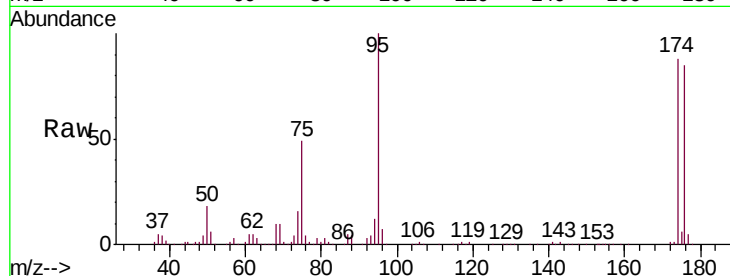
Tot Ion: 75 Resp: 45199

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

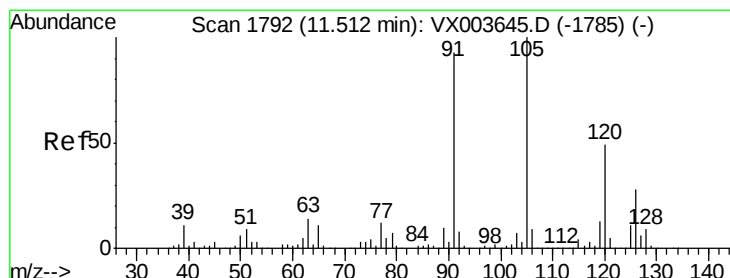
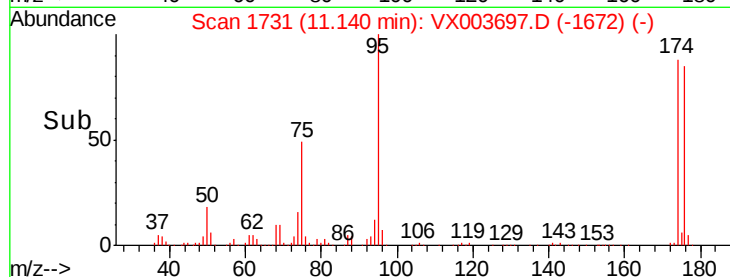
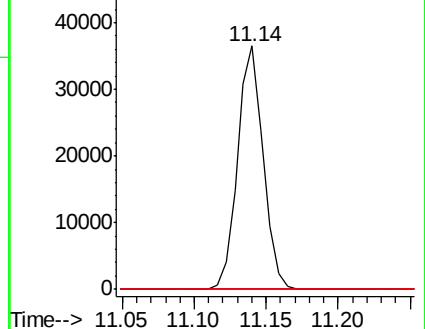
89 0.0 36.6 54.8#



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: 0.98 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003697.D

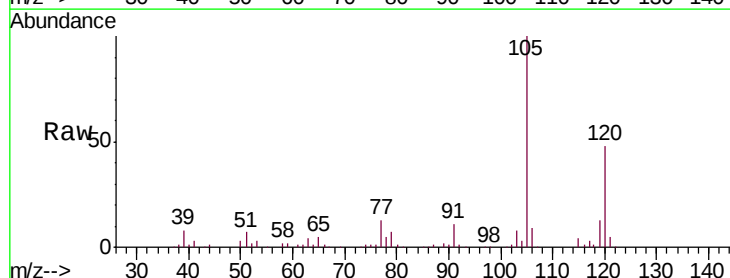
Acq: 27 Jul 2018 04:40

Tgt Ion: 91 Resp: 4129

Ion Ratio Lower Upper

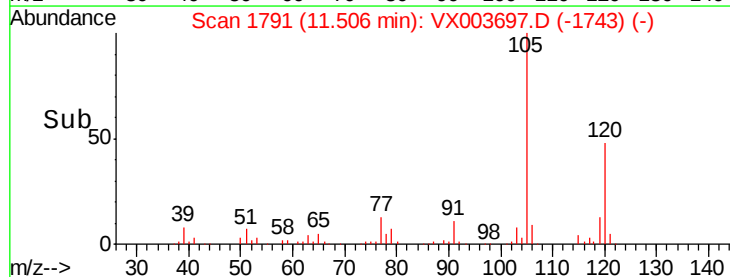
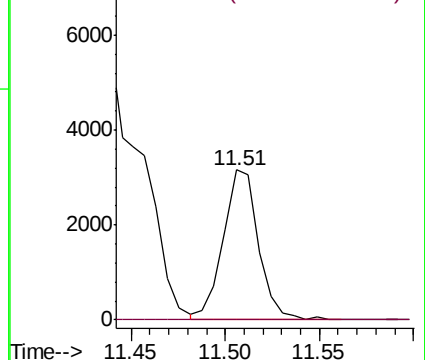
91 100

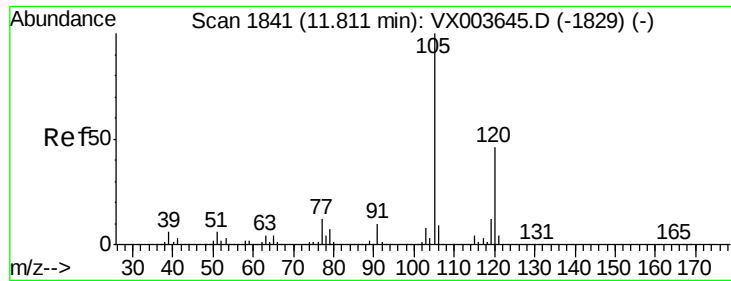
126 0.0 15.4 46.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 20.86 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampled :

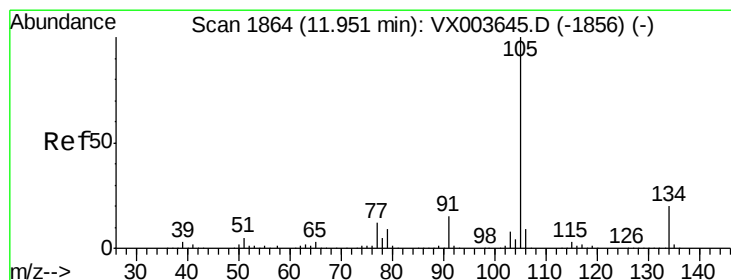
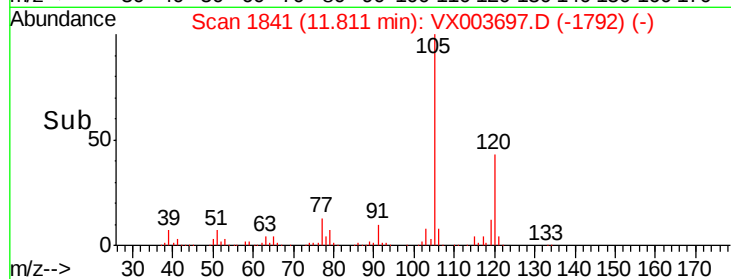
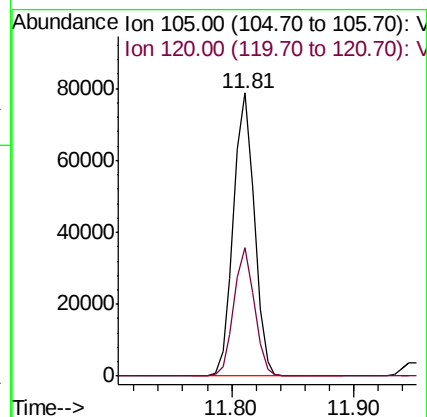
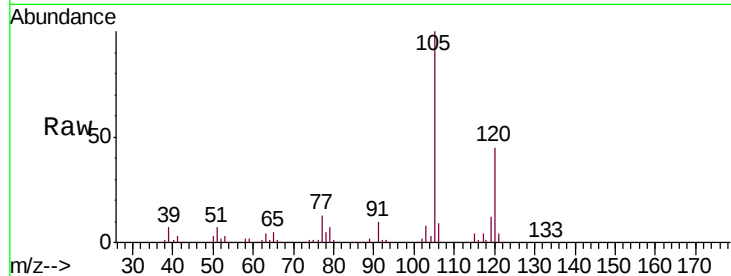
FL-0508

Tot Ion:105 Resp: 92854

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.99 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003697.D

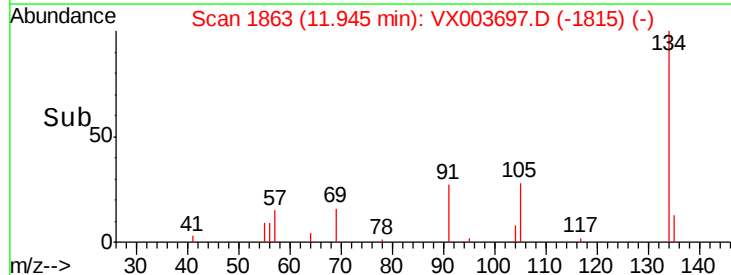
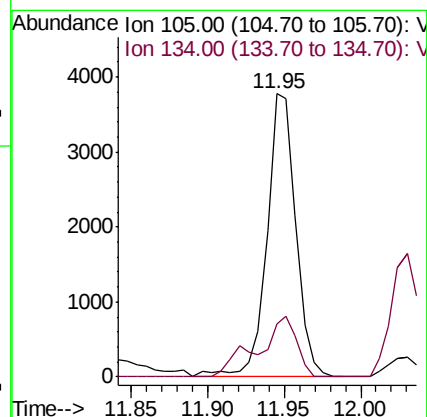
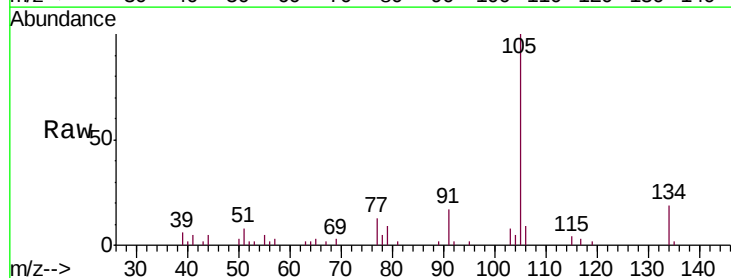
Acq: 27 Jul 2018 04:40

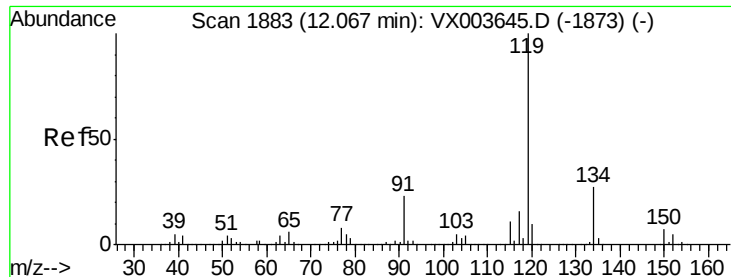
Tgt Ion:105 Resp: 4992

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1

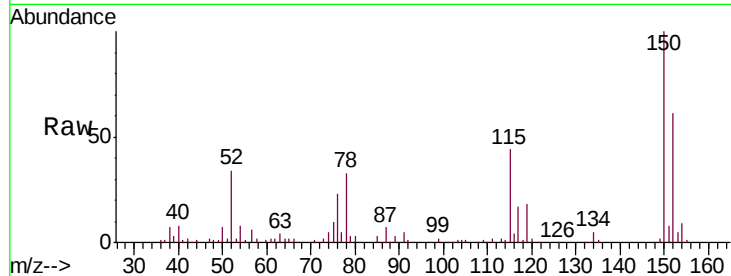




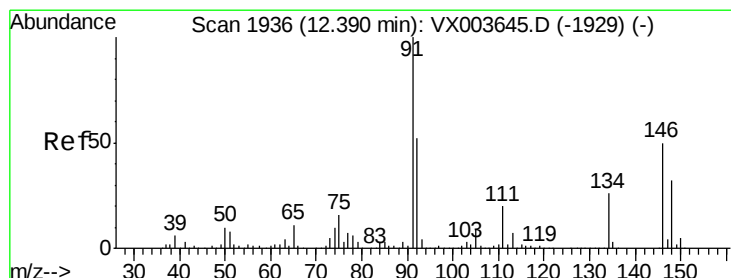
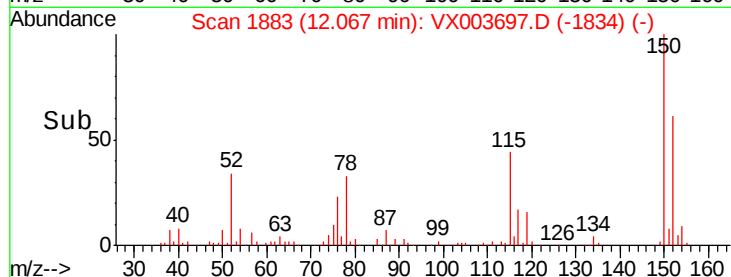
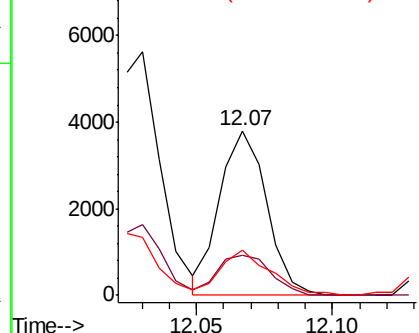
#86
p-Isopropyltoluene
Concen: 1.00 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Instrument :
MSVOA_X
ClientSampled :
FL-0508

Tot Ion:119 Resp: 4542
Ion Ratio Lower Upper
119 100
134 27.7 13.3 39.9
91 29.2 11.5 34.5

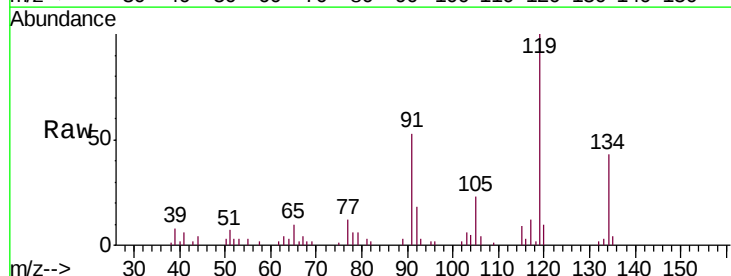


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

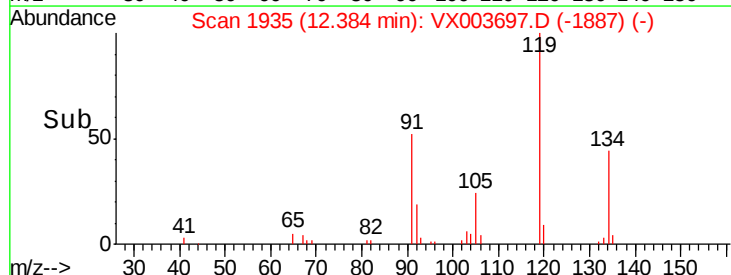
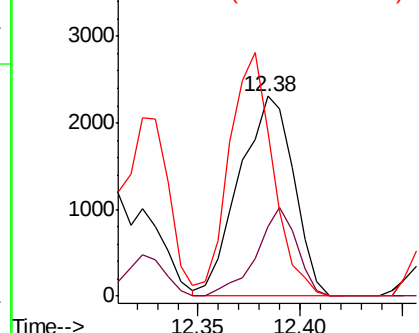


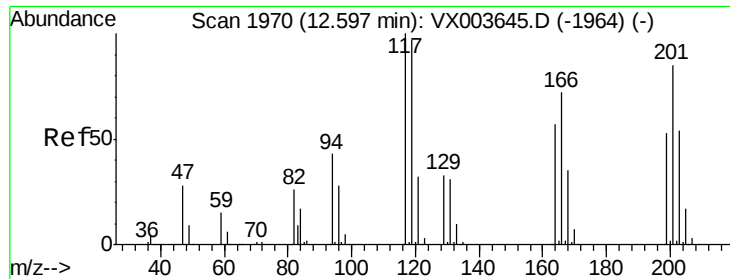
#89
n-Butylbenzene
Concen: 1.05 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003697.D
Acq: 27 Jul 2018 04:40

Tgt Ion: 91 Resp: 4278
Ion Ratio Lower Upper
91 100
92 32.9 26.3 78.9
134 97.4 13.3 39.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.13 ug/l

RT: 12.59 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

Instrument :

MSVOA_X

ClientSampleId :

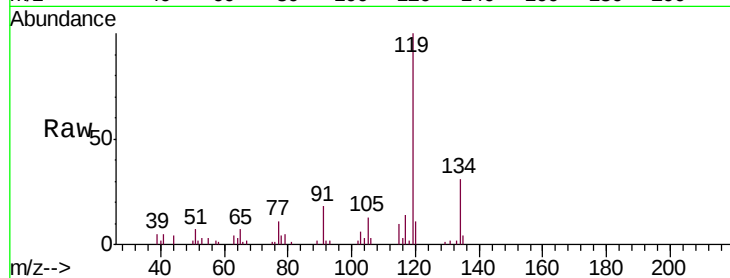
FL-0508

Tot Ion:117 Resp: 775

Ion Ratio Lower Upper

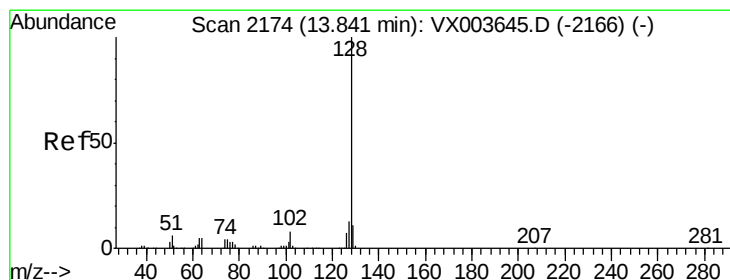
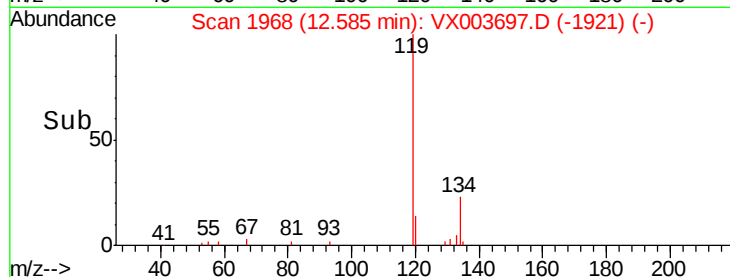
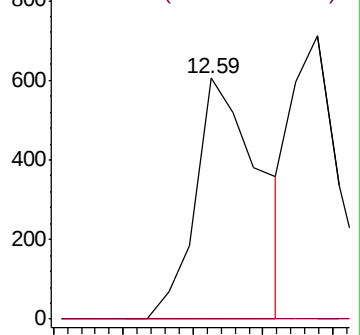
117 100

201 0.0 46.2 138.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.37 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003697.D

Acq: 27 Jul 2018 04:40

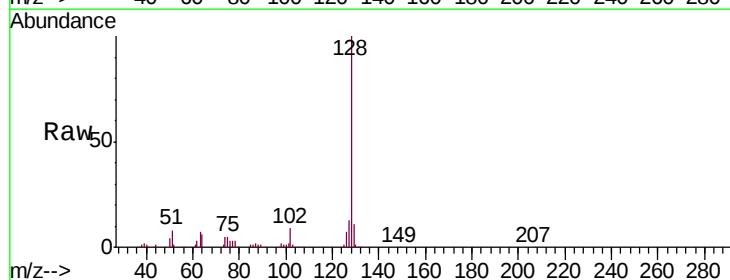
Tgt Ion:128 Resp: 24961

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.7 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

