

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003698.D
 Acq On : 27 Jul 2018 05:07
 Operator : JC/SP
 Sample : J4154-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0509

Quant Time: Jul 27 06:45:21 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	88184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	159528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	80989	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	76856	58.84	ug/l	0.00
Spiked Amount			Recovery	=	117.68%	
35) Dibromofluoromethane	5.51	113	59378	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
50) Toluene-d8	8.72	98	274281	55.11	ug/l	0.00
Spiked Amount			Recovery	=	110.22%	
62) 4-Bromofluorobenzene	11.14	95	99972	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	287	0.22	ug/l #	83
6) Chloroethane	1.55	64	188	2.13	ug/l #	54
13) Acrolein	2.21	56	79	4.52	ug/l #	1
14) Allyl chloride	2.77	41	1673	0.79	ug/l #	82
15) Acrylonitrile	3.17	53	1407	1.86	ug/l #	40
16) Acetone	2.45	43	2674	4.36	ug/l	99
18) Methyl Acetate	2.77	43	1426	0.77	ug/l #	53
20) Methylene Chloride	2.90	84	482	0.40	ug/l #	1
25) 2-Butanone	4.71	43	554	0.58	ug/l #	50
26) 2,2-Dichloropropane	4.38	77	1449	1.05	ug/l #	51
31) Cyclohexane	5.58	56	162806	92.70	ug/l	98
36) 1,1-Dichloropropene	5.67	75	6534	3.50	ug/l #	49
37) Ethyl Acetate	4.71	43	554	0.25	ug/l #	67
38) Carbon Tetrachloride	5.67	117	8470	4.71	ug/l #	13
39) Methylcyclohexane	7.46	83	208660	101.66	ug/l	98
40) Benzene	6.14	78	1151	0.21	ug/l #	82
41) Methacrylonitrile	5.23	41	842	0.68	ug/l #	46
43) Isopropyl Acetate	6.45	43	2472	0.76	ug/l #	61
45) 1,2-Dichloropropane	7.47	63	2020	1.42	ug/l #	1
47) Bromodichloromethane	7.85	83	450	0.26	ug/l #	62
48) Methyl methacrylate	7.73	41	11020	6.64	ug/l #	58
51) 4-Methyl-2-Pentanone	8.66	43	2562	1.16	ug/l #	36
55) 1,1,2-Trichloroethane	9.16	97	13045	9.30	ug/l #	19
56) Ethyl methacrylate	9.16	69	2850	1.37	ug/l #	1
67) Ethyl Benzene	10.26	91	389853	67.64	ug/l	100
68) m/p-Xylenes	10.36	106	809159	365.96	ug/l	99
69) o-Xylene	10.70	106	254495	119.56	ug/l	99
70) Styrene	10.70	104	12598	3.52	ug/l #	1
73) Isopropylbenzene	11.02	105	246182	44.49	ug/l	99
74) N-amyl acetate	6.45	43	2472	0.86	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.28	83	512	0.25	ug/l #	26
76) 1,2,3-Trichloropropane	11.44	75	4379	2.58	ug/l #	1
78) n-propylbenzene	11.36	91	179003	28.02	ug/l	98
79) 2-Chlorotoluene	11.44	91	63139	16.26	ug/l #	40

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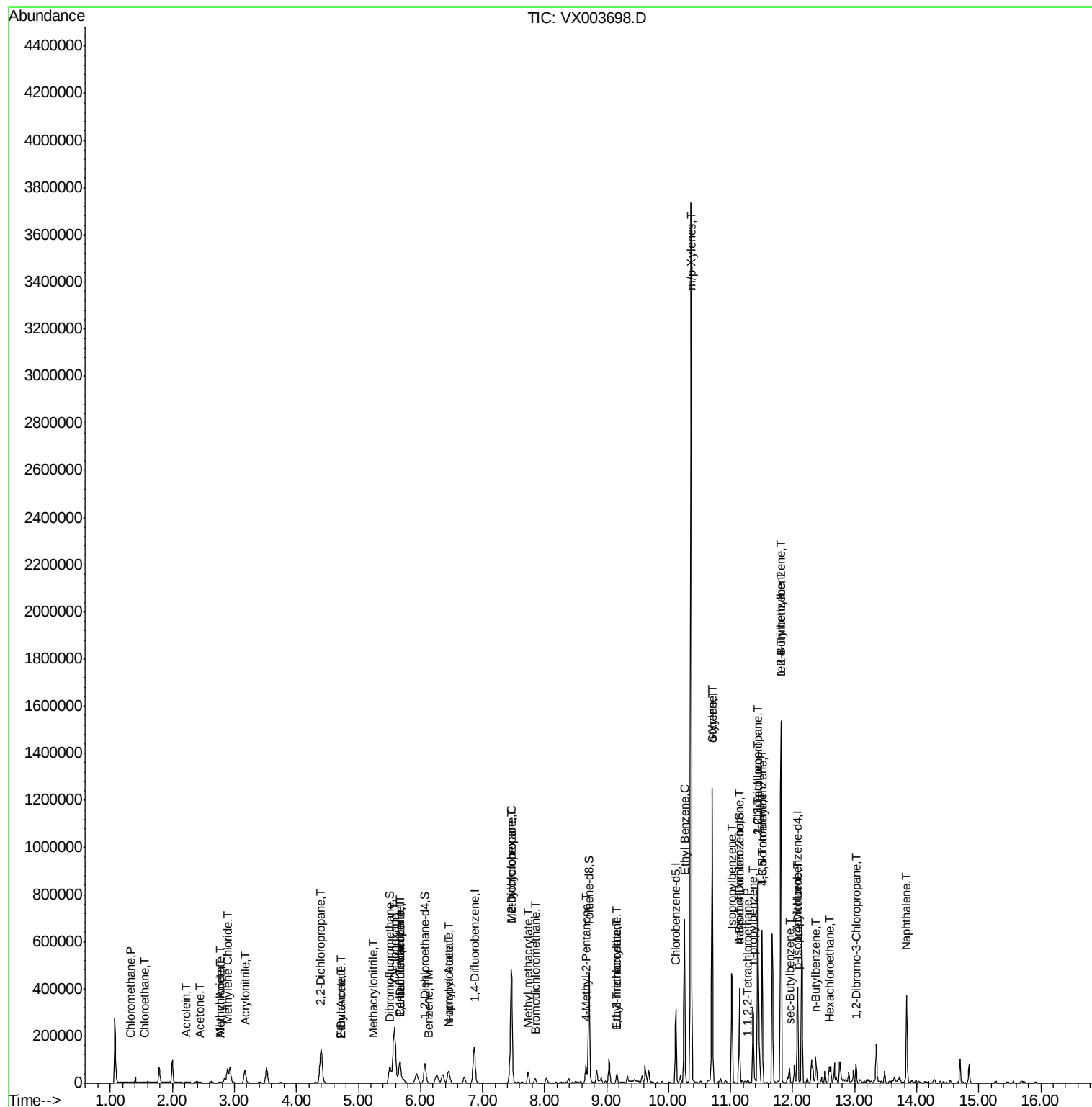
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	279057	59.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	48062	87.66	ug/l #	11
82) 4-Chlorotoluene	11.51	91	28838	6.30	ug/l #	44
83) tert-Butylbenzene	11.81	119	83589	18.25	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.81	105	656640	136.47	ug/l	100
85) sec-Butylbenzene	11.95	105	30392	5.56	ug/l	80
86) p-Isopropyltoluene	12.07	119	20232	4.12	ug/l	97
89) n-Butylbenzene	12.38	91	16509	3.73	ug/l #	24
90) Hexachloroethane	12.59	117	3433	4.62	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	306	0.72	ug/l #	1
95) Naphthalene	13.83	128	232856	37.73	ug/l	100

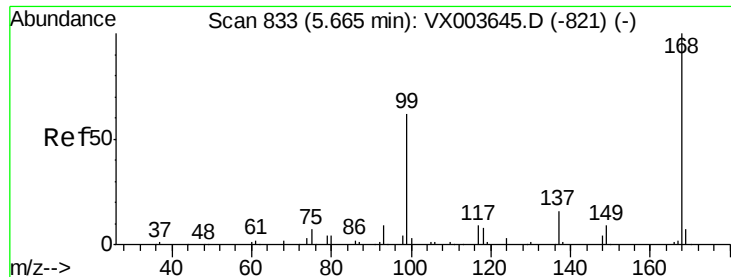
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

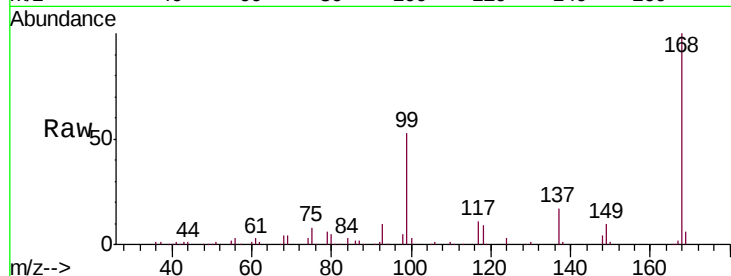
FL-0509

Tot Ion:168 Resp: 88184

Ion Ratio Lower Upper

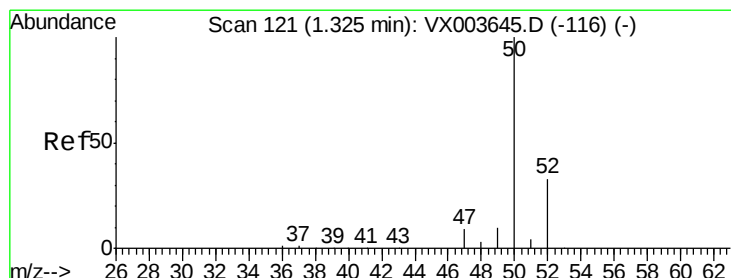
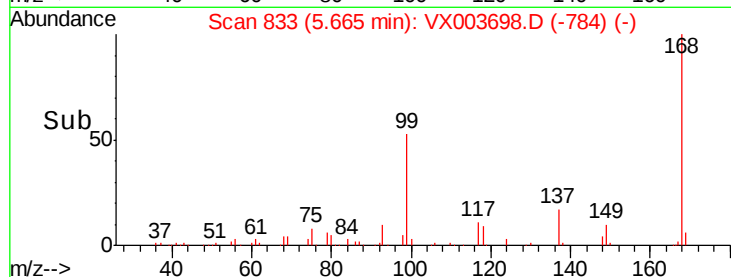
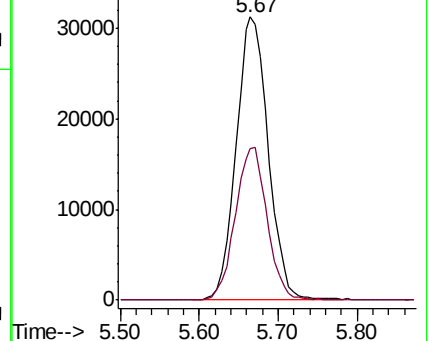
168 100

99 53.4 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003698.D

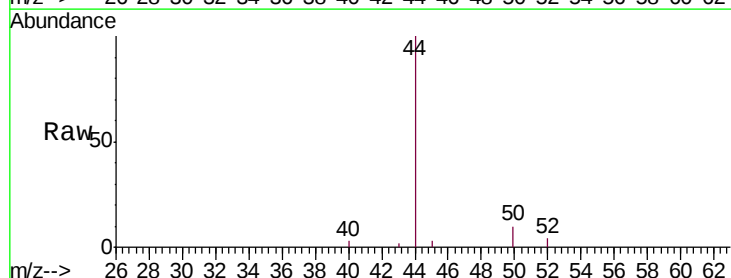
Acq: 27 Jul 2018 05:07

Tgt Ion: 50 Resp: 287

Ion Ratio Lower Upper

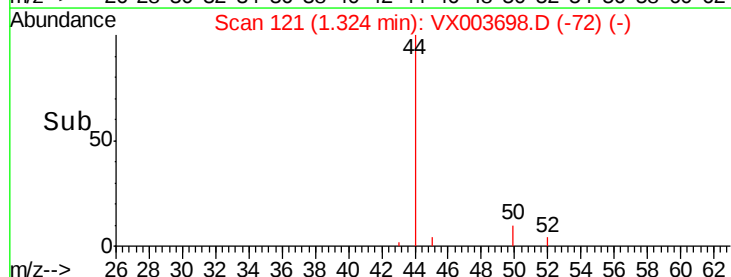
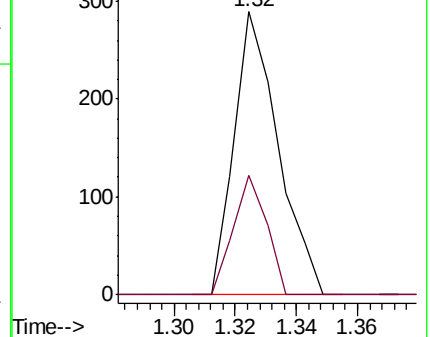
50 100

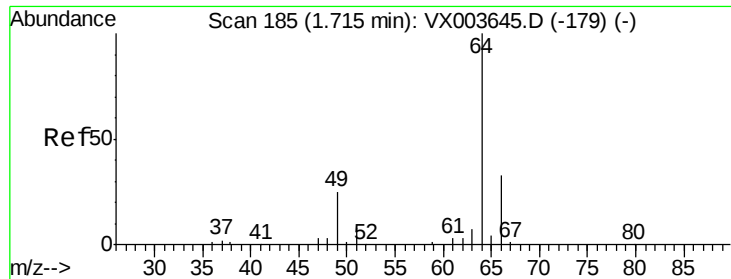
52 42.2 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 2.13 ug/l

RT: 1.55 min Scan# 158

Delta R.T. -0.16 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

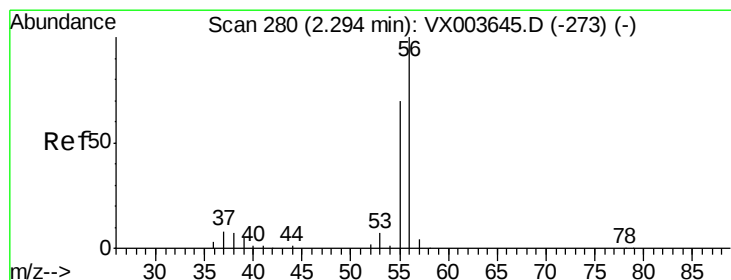
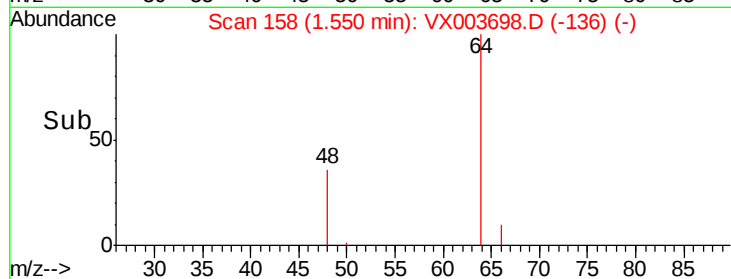
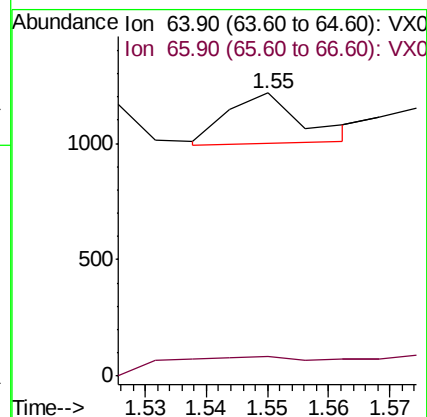
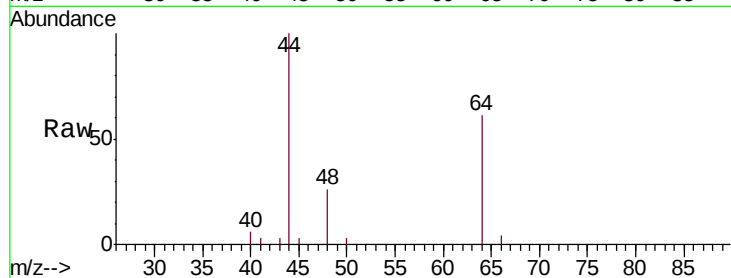
FL-0509

Tot Ion: 64 Resp: 188

Ion Ratio Lower Upper

64 100

66 6.7 26.3 39.5#



#13

Acrolein

Concen: 4.52 ug/l

RT: 2.21 min Scan# 267

Delta R.T. -0.08 min

Lab File: VX003698.D

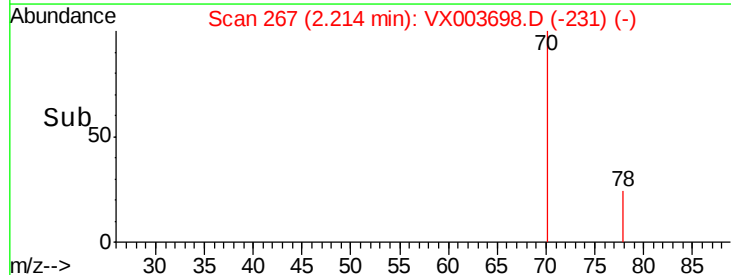
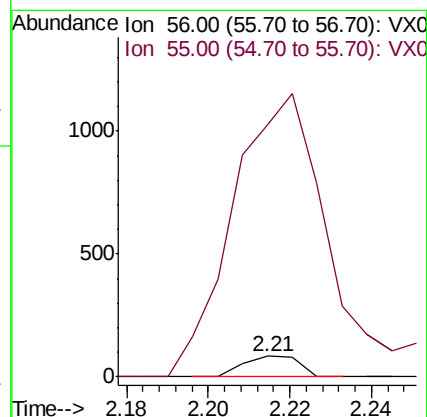
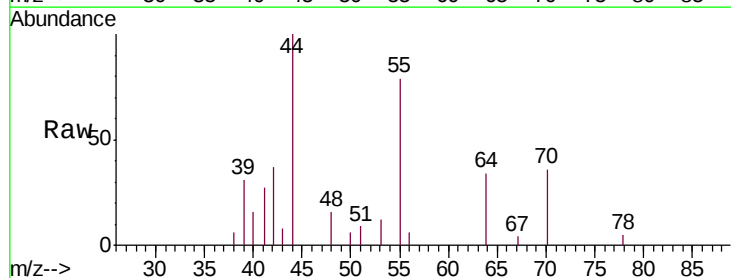
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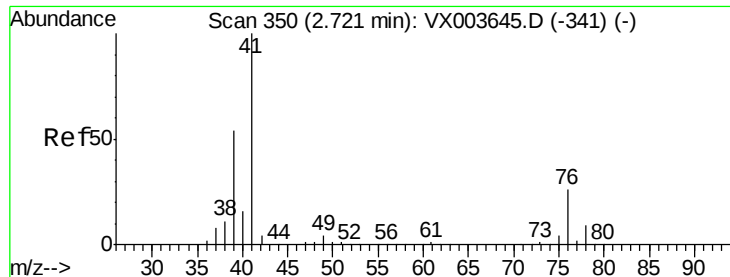
Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 2315.2 55.4 83.2#

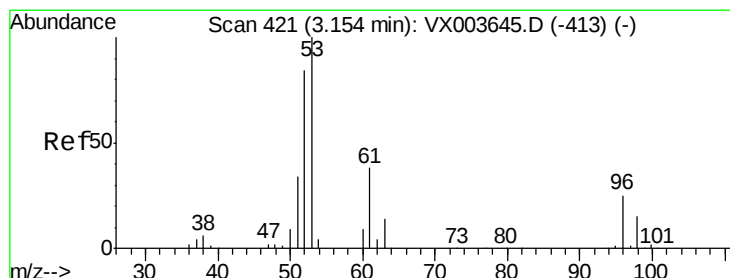
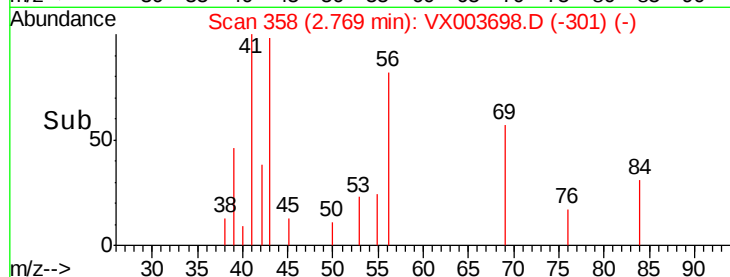
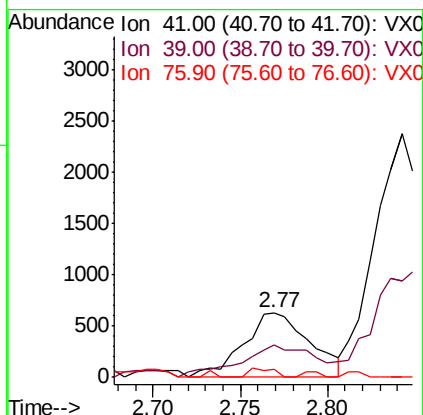
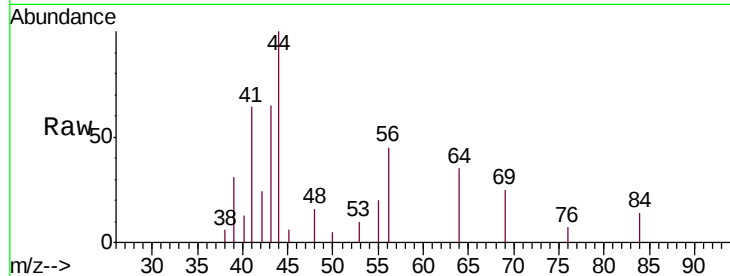




#14
Allvl chloride
Concen: 0.79 ug/l
RT: 2.77 min Scan# 358
Delta R.T. 0.05 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

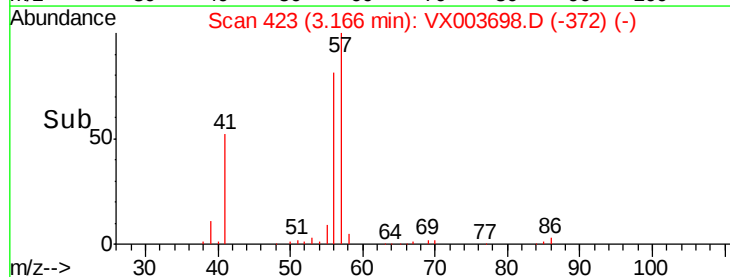
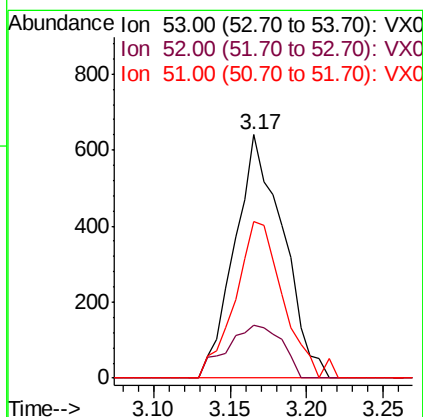
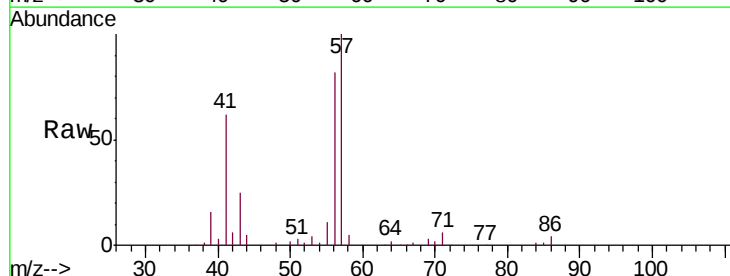
Instrument :
MSVOA_X
ClientSampled :
FL-0509

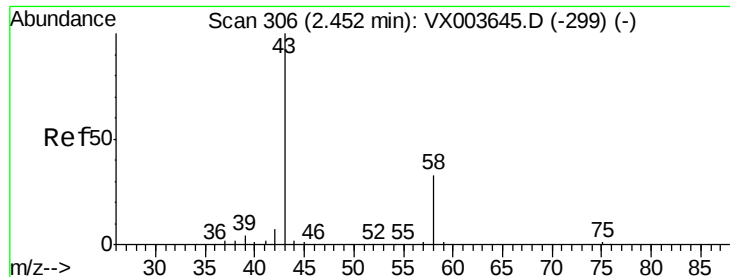
Tot Ion: 41 Resp: 1673
Ion Ratio Lower Upper
41 100
39 54.3 45.3 67.9
76 5.0 23.8 35.6#



#15
Acrylonitrile
Concen: 1.86 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 53 Resp: 1407
Ion Ratio Lower Upper
53 100
52 24.9 66.1 99.1#
51 64.0 28.2 42.4#





#16

Acetone

Concen: 4.36 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

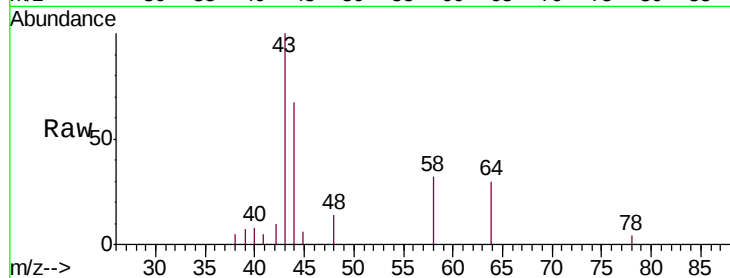
FL-0509

Tot Ion: 43 Resp: 2674

Ion Ratio Lower Upper

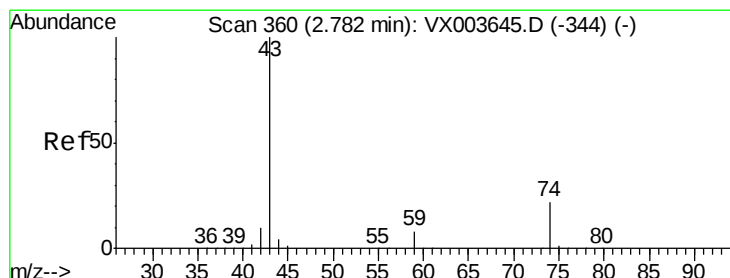
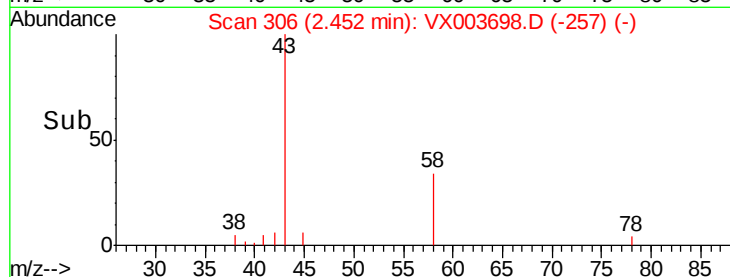
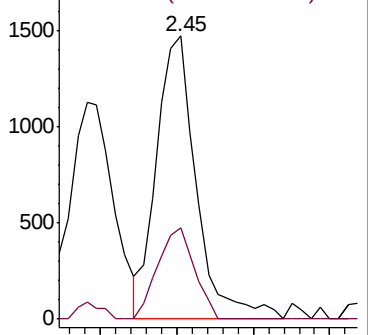
43 100

58 32.3 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: 0.77 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.01 min

Lab File: VX003698.D

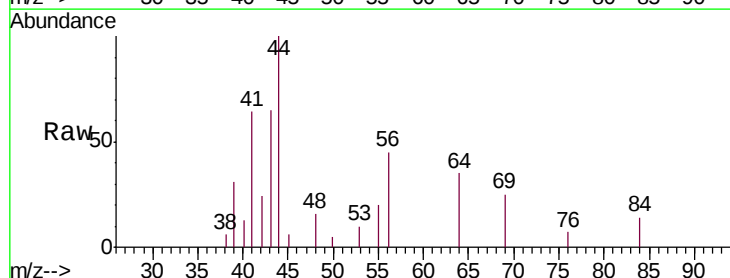
Acq: 27 Jul 2018 05:07

Tgt Ion: 43 Resp: 1426

Ion Ratio Lower Upper

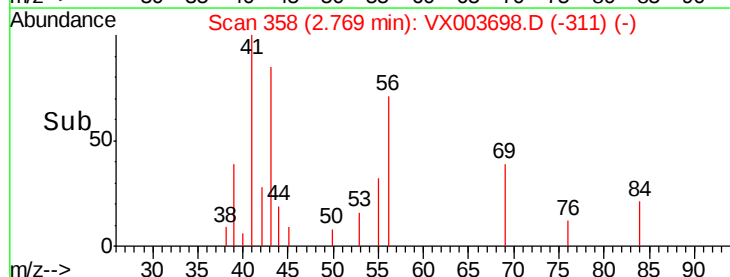
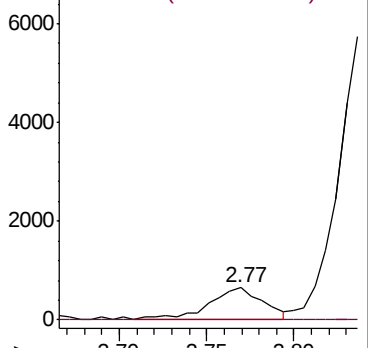
43 100

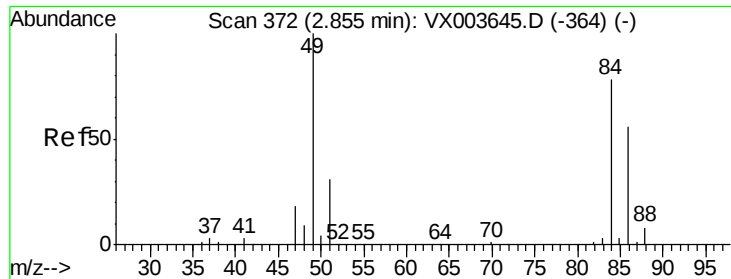
74 0.0 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

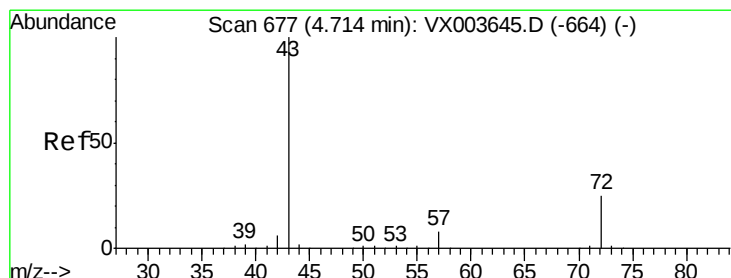
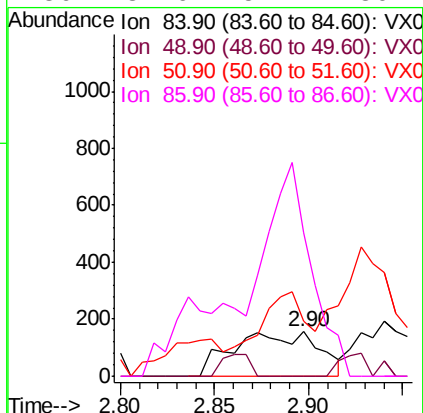
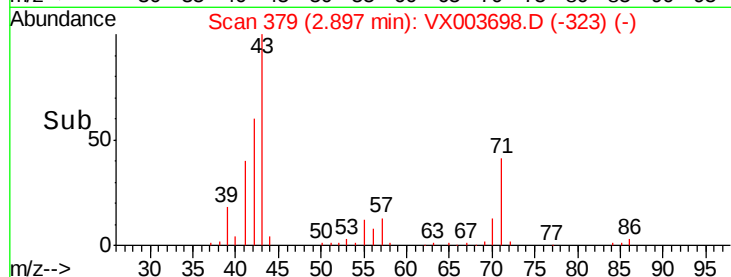
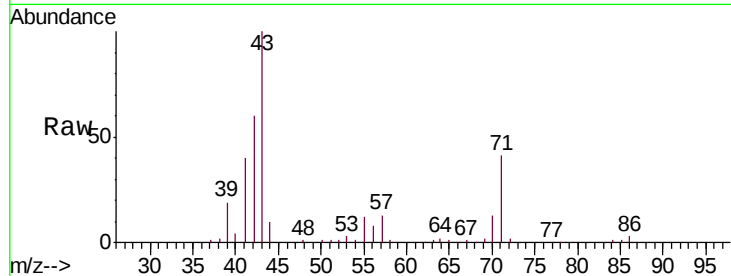




#20
Methvlene Chloride
Concen: 0.40 ug/l
RT: 2.90 min Scan# 379
Delta R.T. 0.04 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

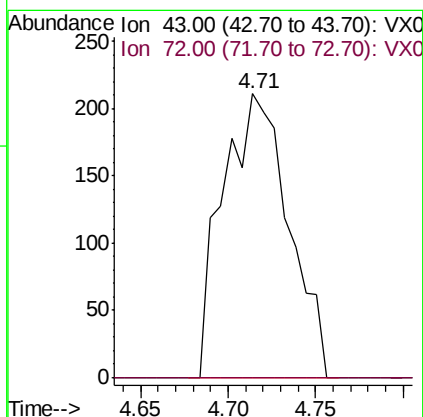
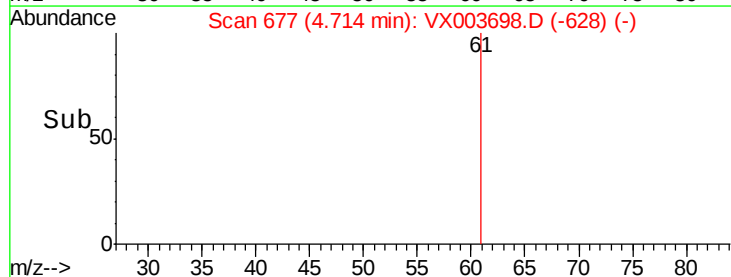
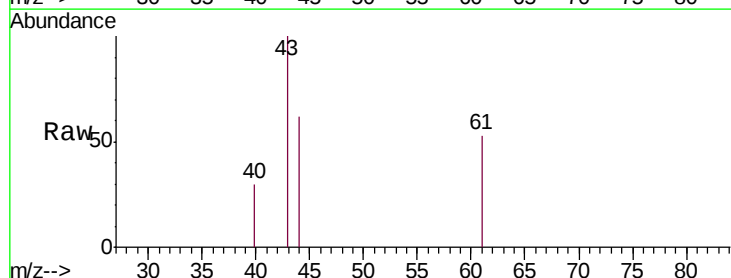
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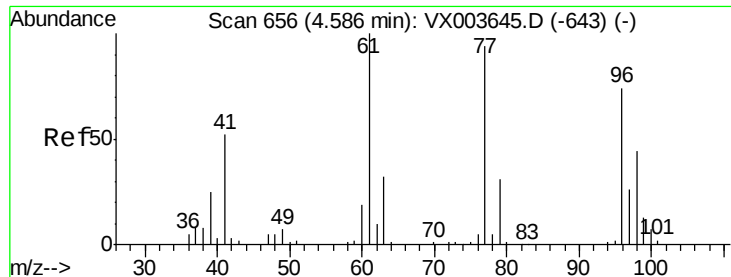
Tot Ion: 84 Resp: 482
Ion Ratio Lower Upper
84 100
49 0.0 102.3 153.5#
51 49.7 31.8 47.8#
86 231.6 57.4 86.2#



#25
2-Butanone
Concen: 0.58 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.4#

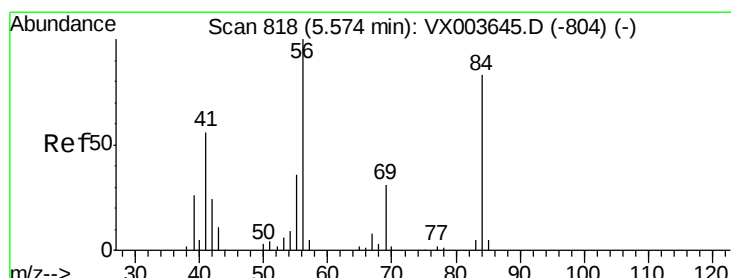
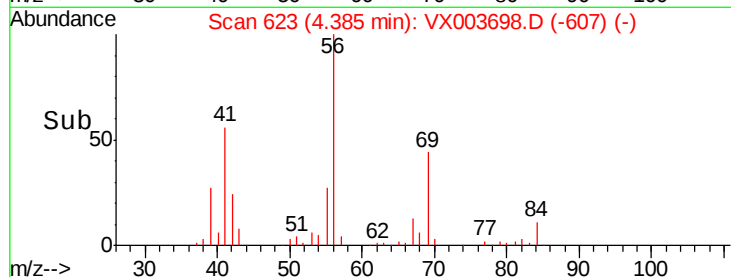
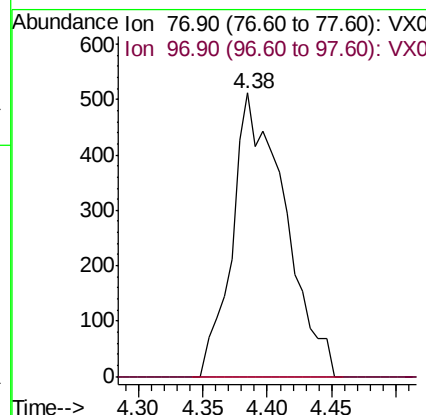
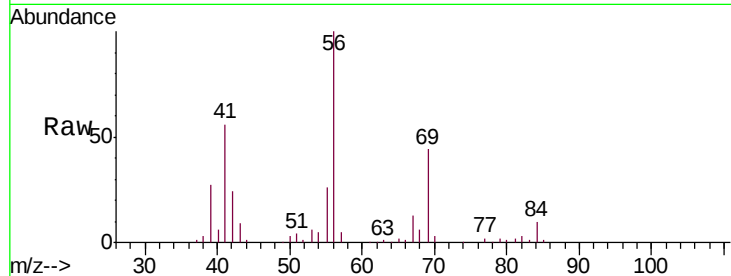




#26
 2,2-Dichloropropane
 Concen: 1.05 ug/l
 RT: 4.38 min Scan# 623
 Delta R.T. -0.20 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

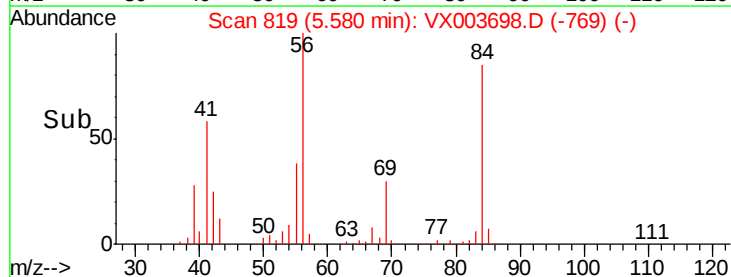
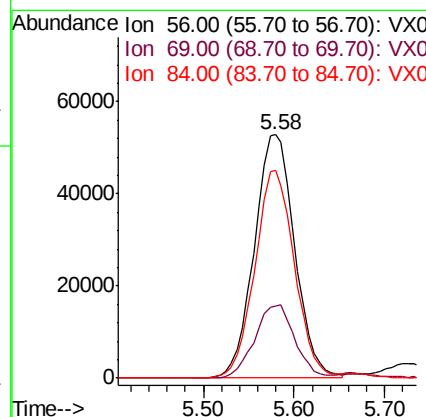
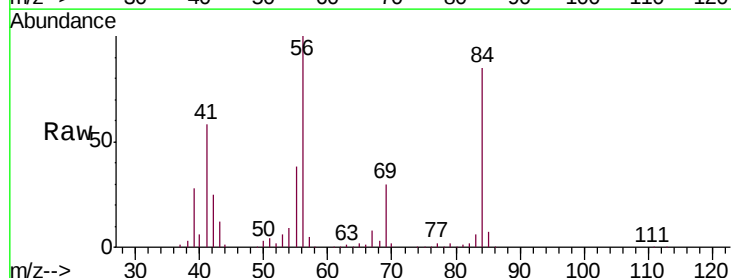
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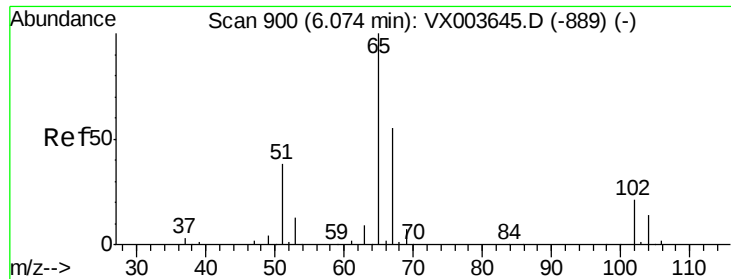
Tot Ion: 77 Resp: 1449
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.0 36.0#



#31
 Cyclohexane
 Concen: 92.70 ug/l
 RT: 5.58 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

Tgt Ion: 56 Resp: 162806
 Ion Ratio Lower Upper
 56 100
 69 29.7 25.0 37.6
 84 85.1 66.5 99.7

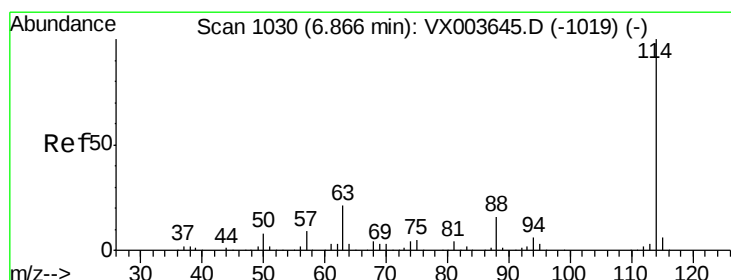
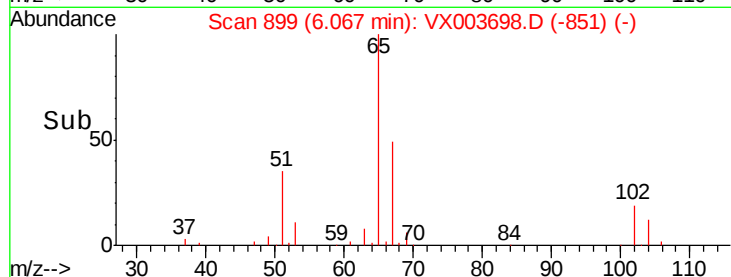
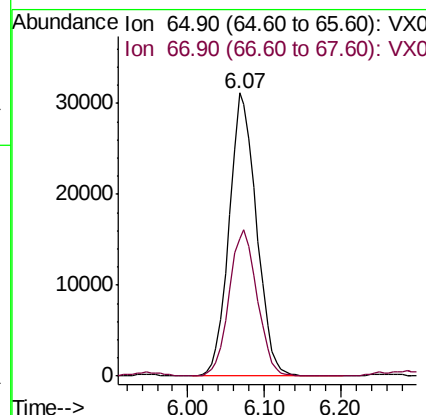
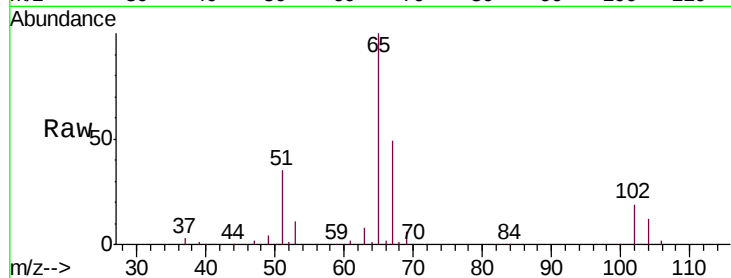




#33
 1,2-Dichloroethane-d4
 Concen: 58.84 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

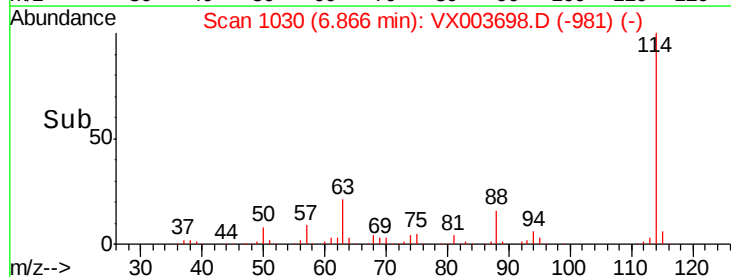
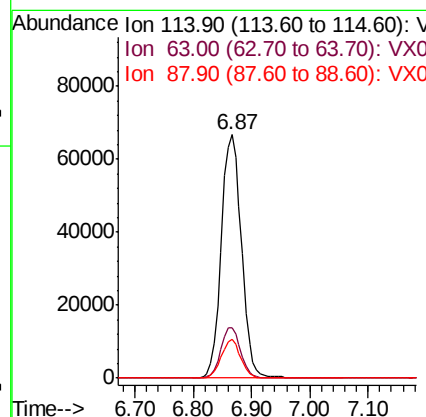
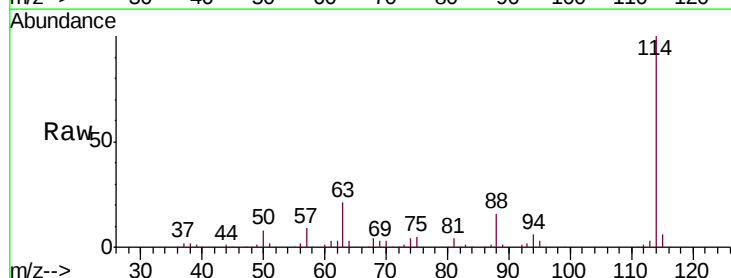
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0509

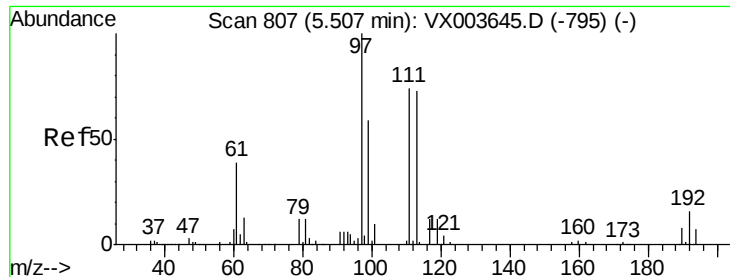
Tot Ion: 65 Resp: 76856
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

Tgt Ion: 114 Resp: 159528
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.0
 88 15.9 0.0 31.8

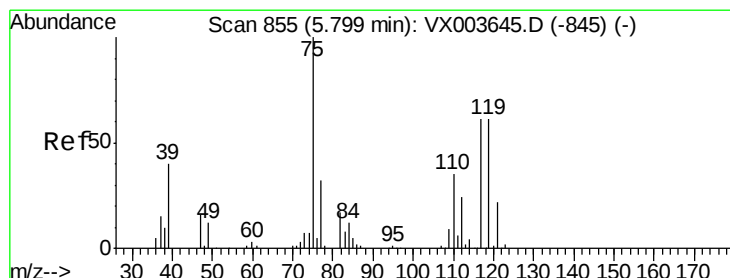
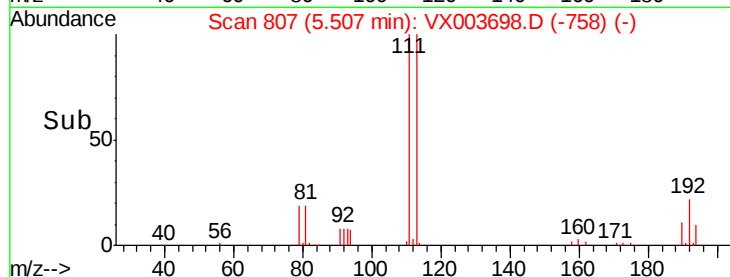
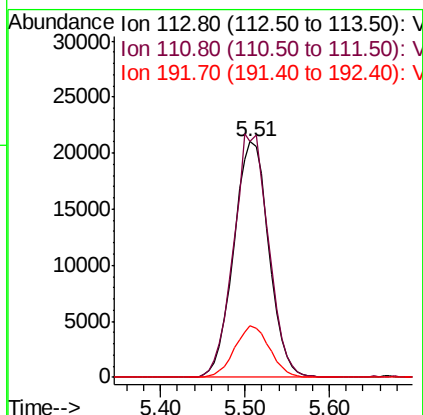
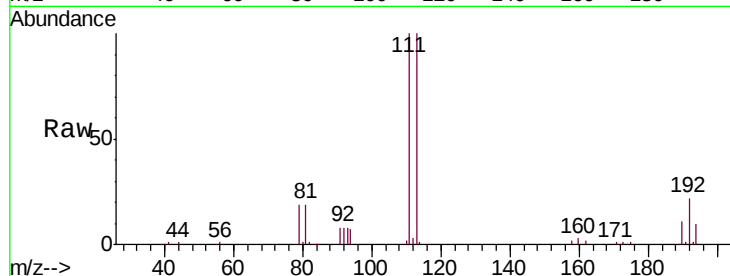




#35
 Dibromofluoromethane
 Concen: 45.53 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

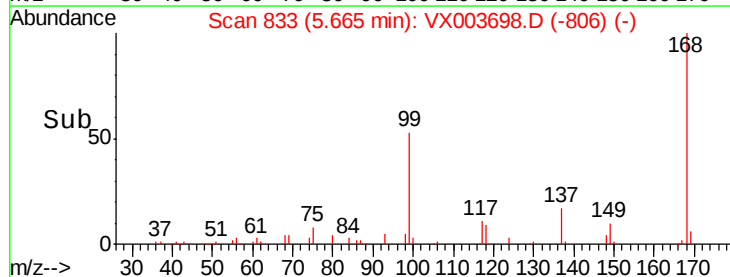
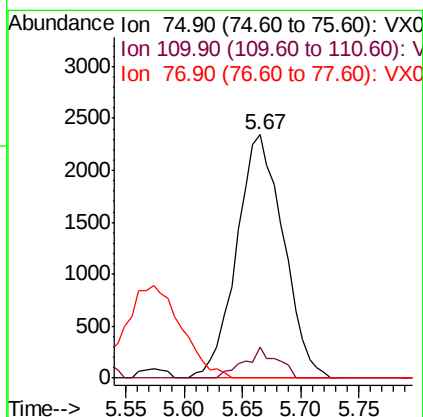
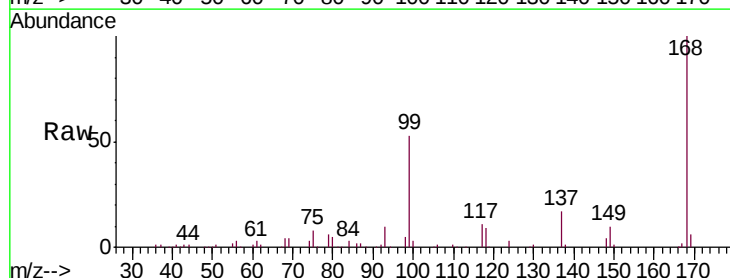
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0509

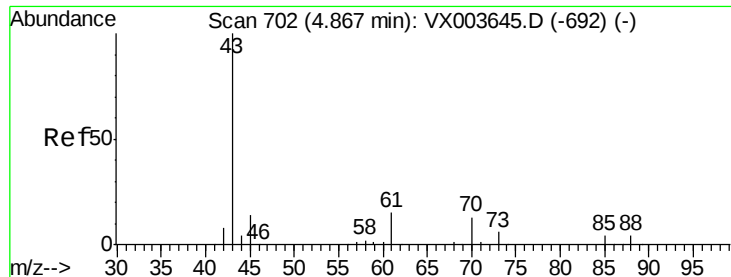
Tot Ion:113 Resp: 59378
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.2 121.8
 192 21.6 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 3.50 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003698.D
 Acq: 27 Jul 2018 05:07

Tgt Ion: 75 Resp: 6534
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.1#
 77 0.0 25.1 37.7#

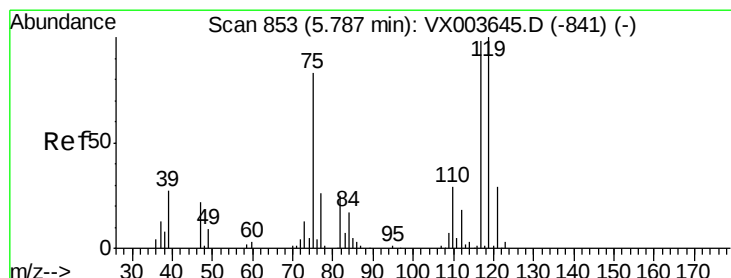
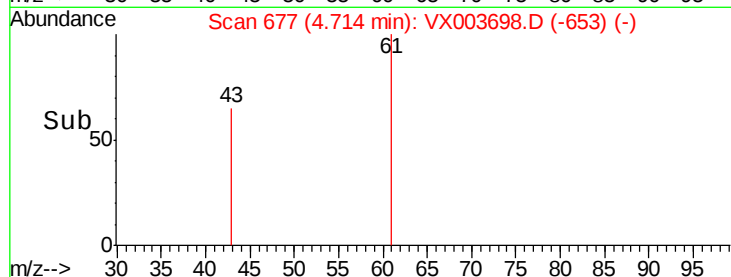
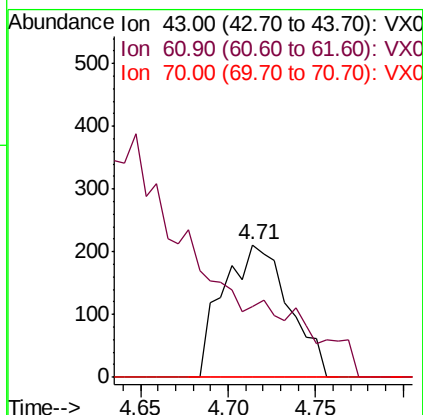
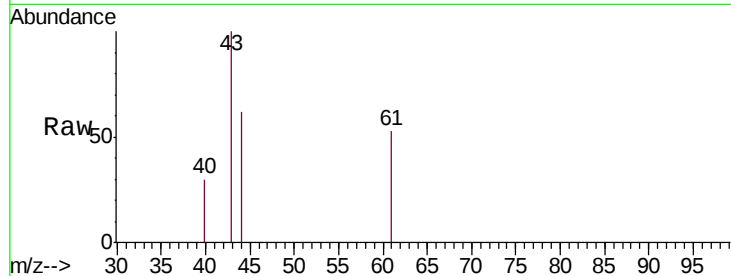




#37
Ethyl Acetate
Concen: 0.25 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

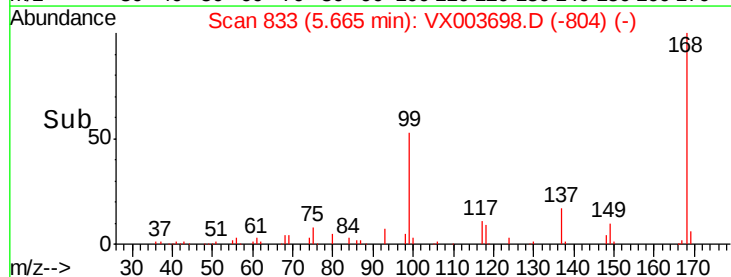
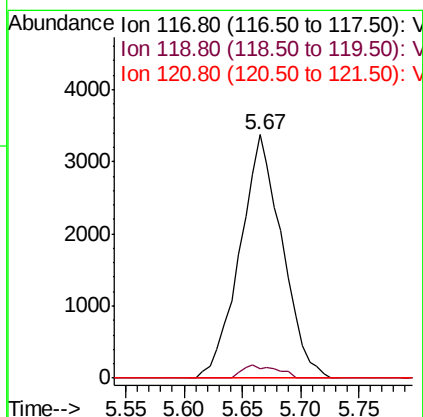
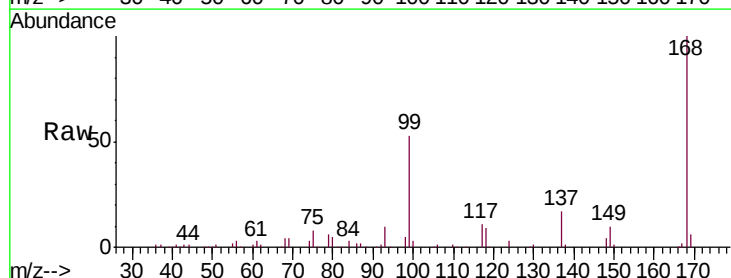
Instrument :
MSVOA_X
ClientSampleID :
FL-0509

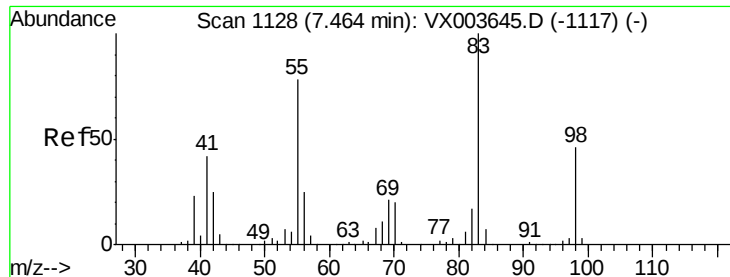
Tot Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 4.71 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 117 Resp: 8470
Ion Ratio Lower Upper
117 100
119 4.1 81.0 121.4#
121 0.0 23.7 35.5#

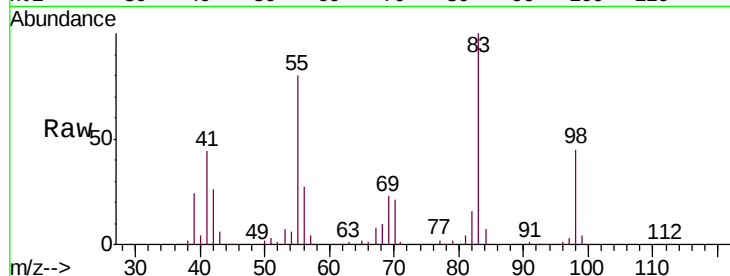




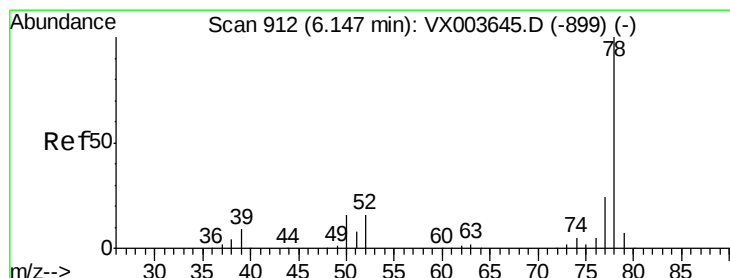
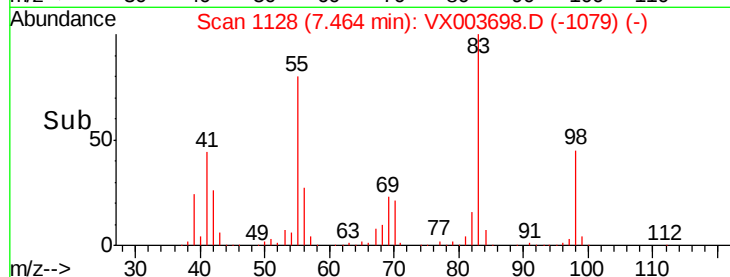
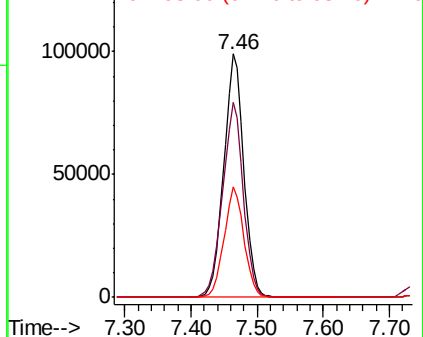
#39
Methvlcvclohexane
Concen: 101.66 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampled :
FL-0509

Tot Ion: 83 Resp: 208660
Ion Ratio Lower Upper
83 100
55 80.0 62.6 93.8
98 45.1 36.6 55.0

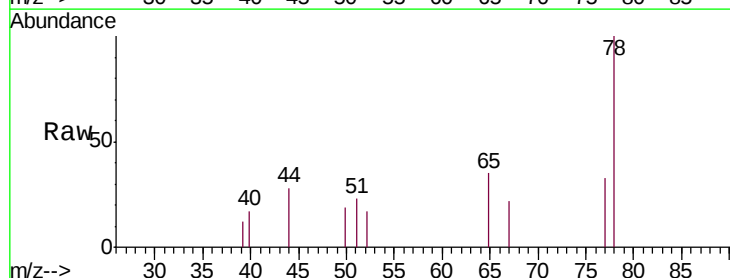


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

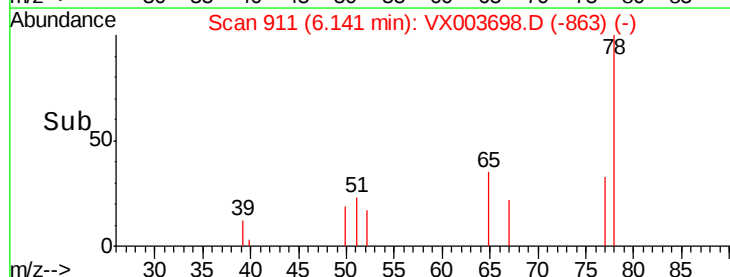
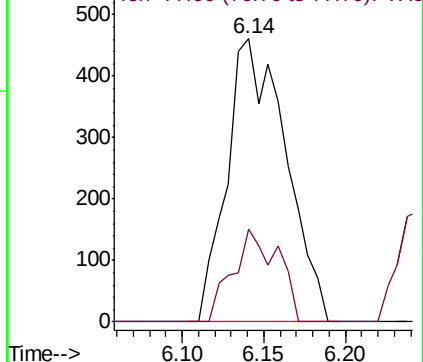


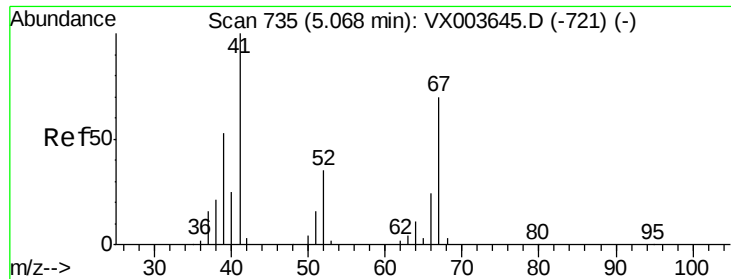
#40
Benzene
Concen: 0.21 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 78 Resp: 1151
Ion Ratio Lower Upper
78 100
77 32.5 19.0 28.6#



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

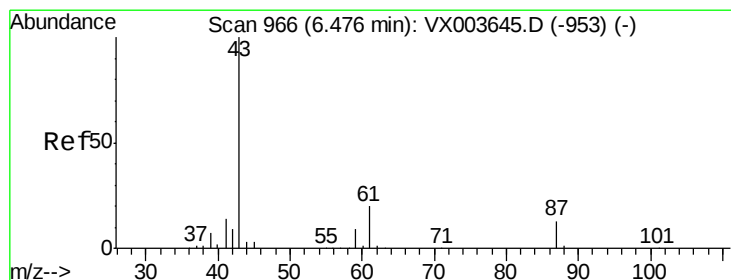
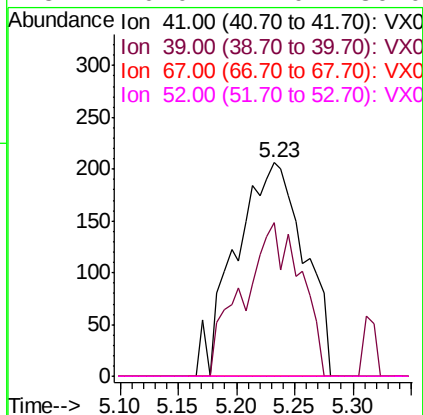
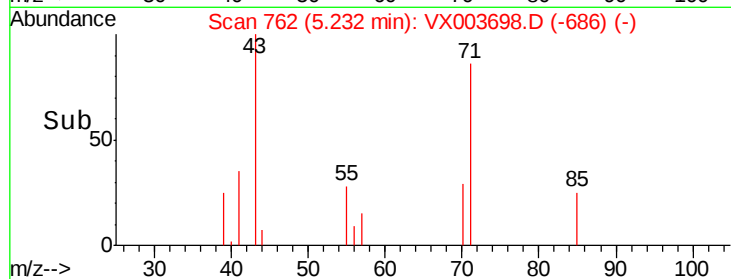
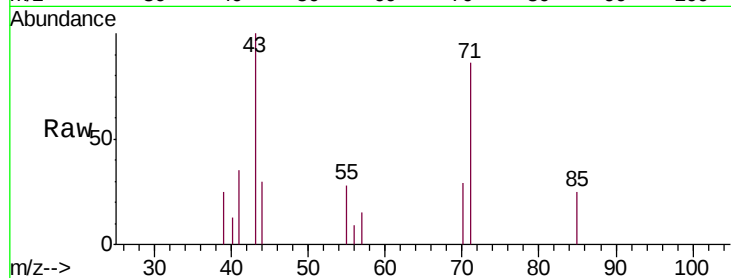




#41
Methacrylonitrile
Concen: 0.68 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.16 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

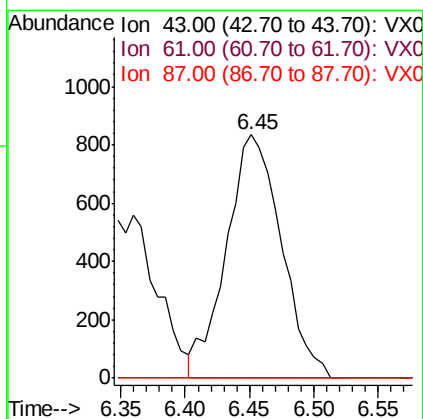
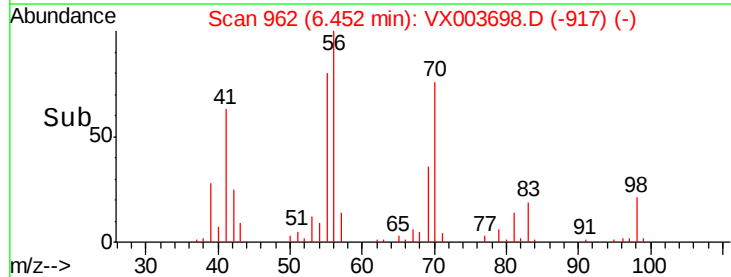
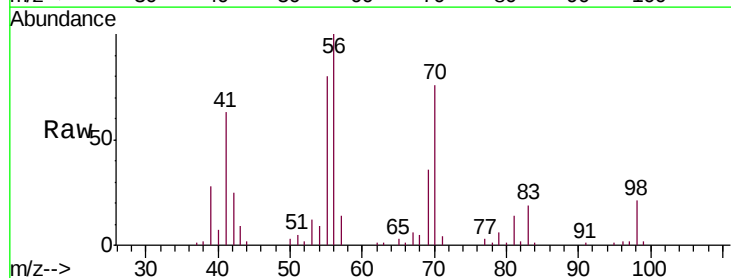
Instrument :
MSVOA_X
ClientSampled :
FL-0509

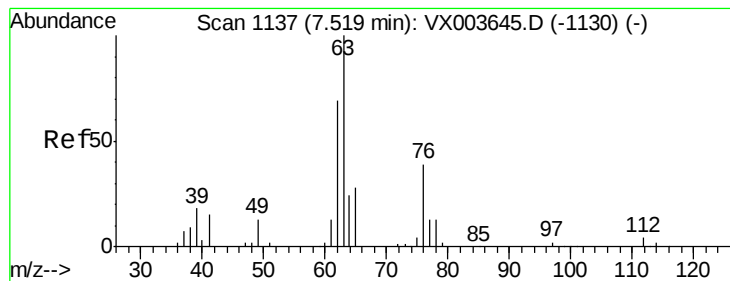
Tot Ion:	41	Resp:	842
Ion	Ratio	Lower	Upper
41	100		
39	60.6	42.2	63.4
67	0.0	56.6	84.8#
52	0.0	24.0	36.0#



#43
Isopropyl Acetate
Concen: 0.76 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion:	43	Resp:	2472
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.9	23.9#
87	0.0	10.1	15.1#





#45

1,2-Dichloropropane

Concen: 1.42 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.05 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

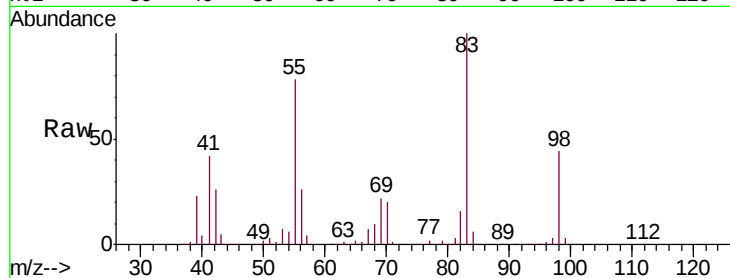
FL-0509

Tot Ion: 63 Resp: 2020

Ion Ratio Lower Upper

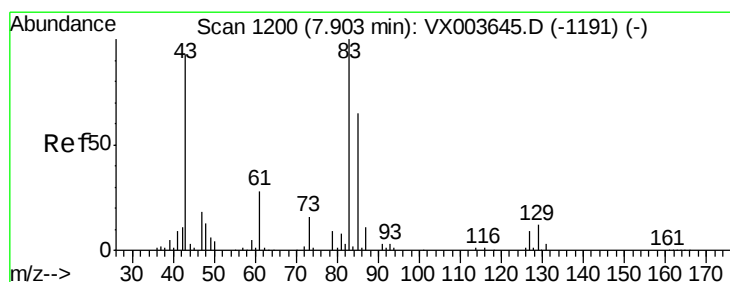
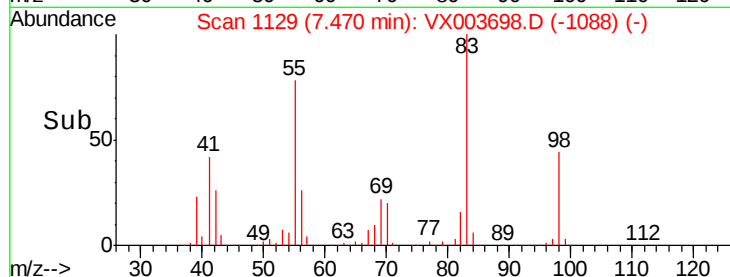
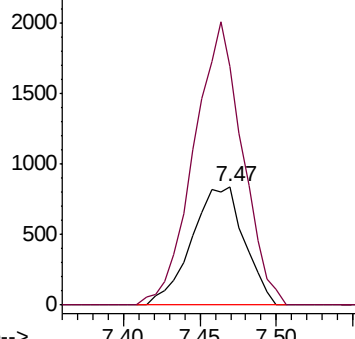
63 100

65 201.8 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.06 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

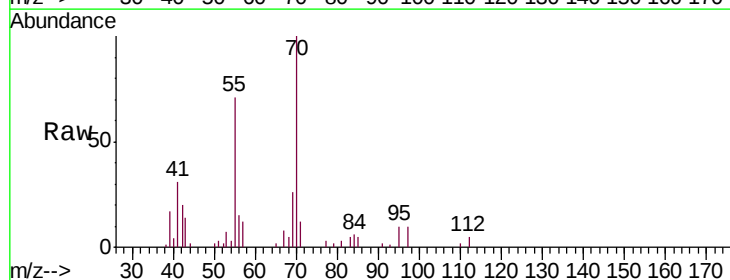
Tgt Ion: 83 Resp: 450

Ion Ratio Lower Upper

83 100

85 96.1 51.8 77.6#

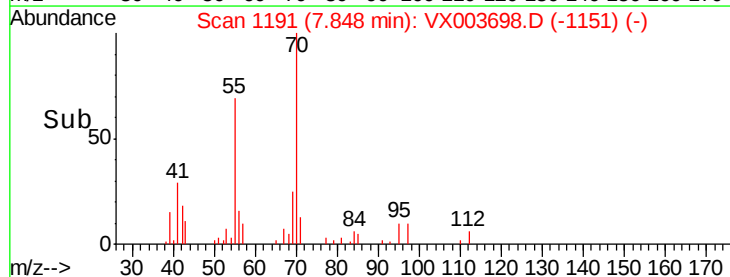
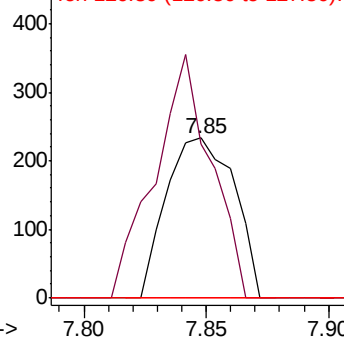
127 0.0 7.0 10.6#

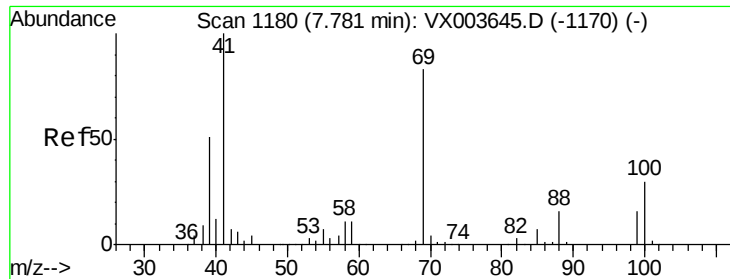


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

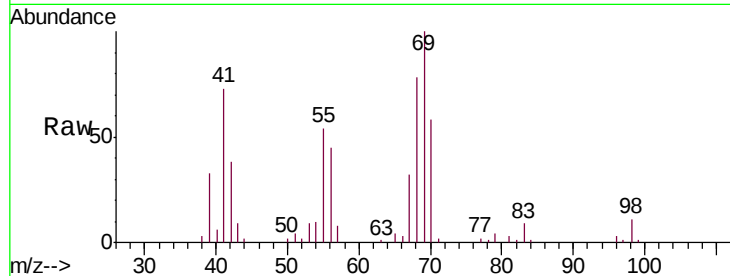




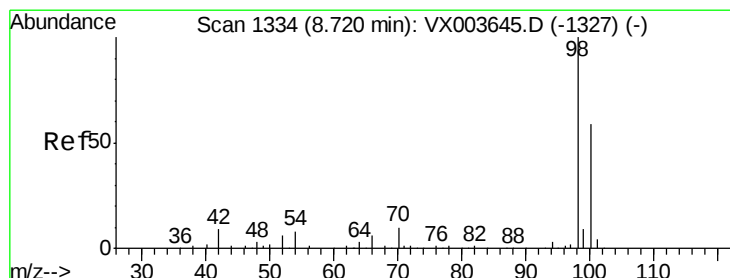
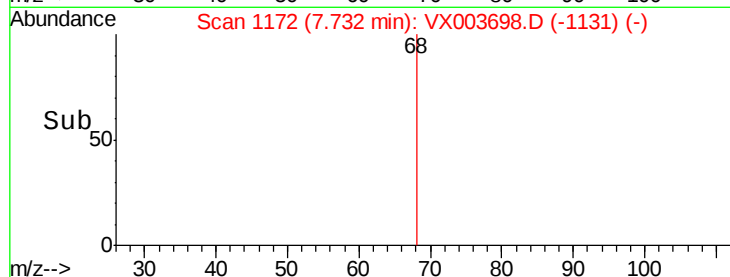
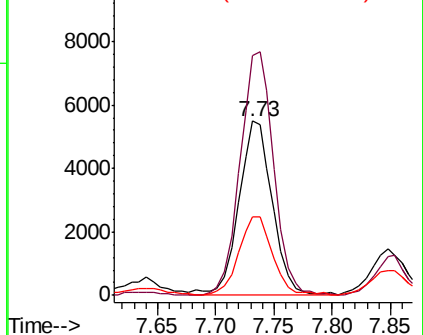
#48
Methyl methacrylate
Concen: 6.64 ug/l
RT: 7.73 min Scan# 1172
Delta R.T. -0.05 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
FL-0509

Tot Ion: 41 Resp: 11020
Ion Ratio Lower Upper
41 100
69 139.7 66.9 100.3#
39 45.8 41.2 61.8

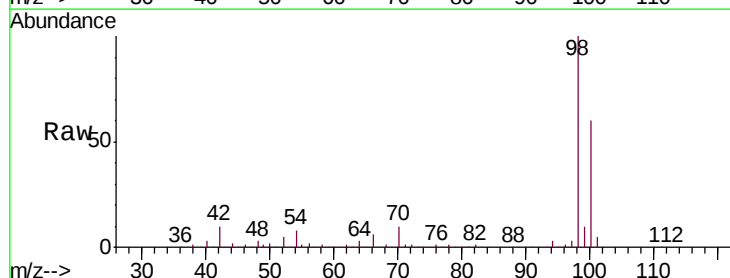


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

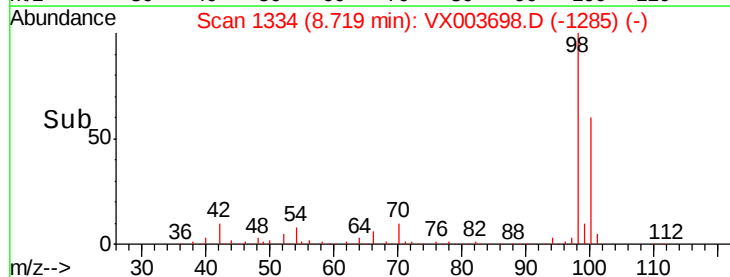
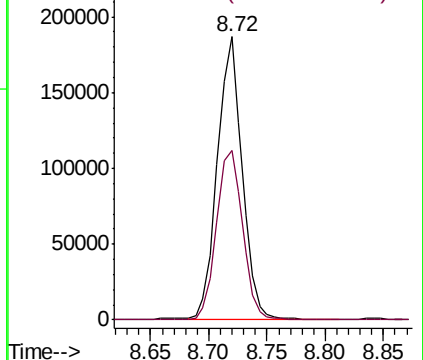


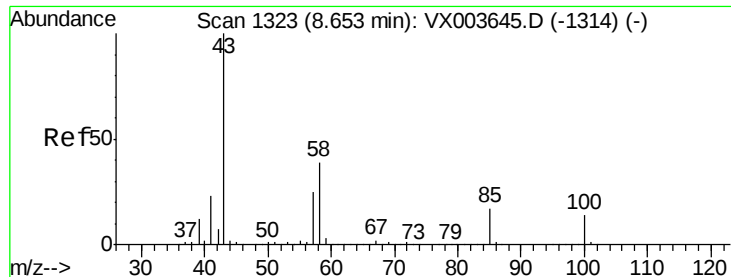
#50
Toluene-d8
Concen: 55.11 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 98 Resp: 274281
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 1.16 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

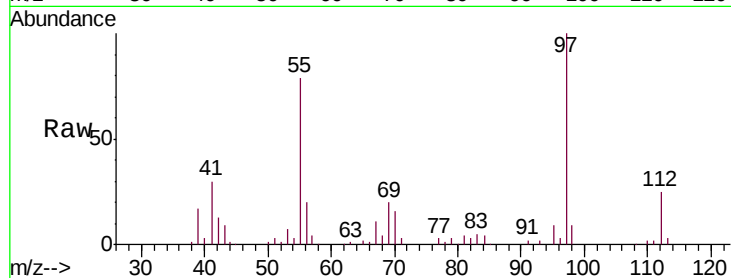
FL-0509

Tot Ion: 43 Resp: 2562

Ion Ratio Lower Upper

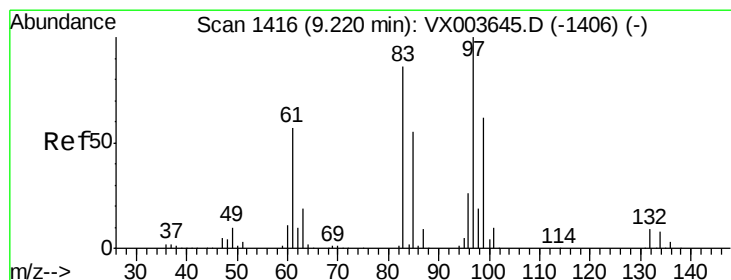
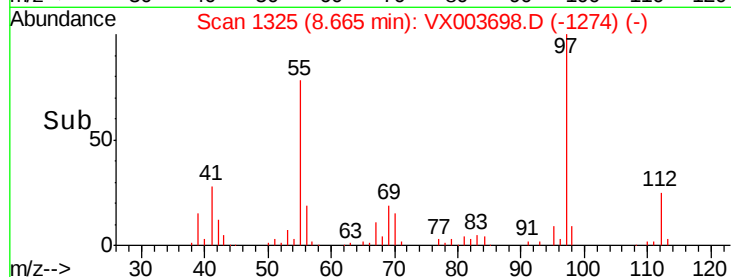
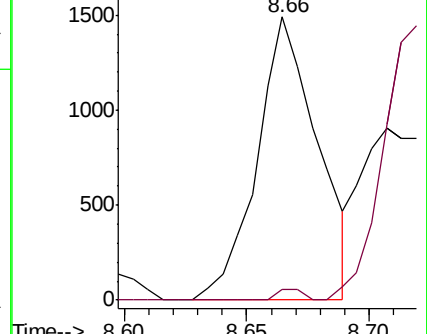
43 100

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



#55

1,1,2-Trichloroethane

Concen: 9.30 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Tgt Ion: 97 Resp: 13045

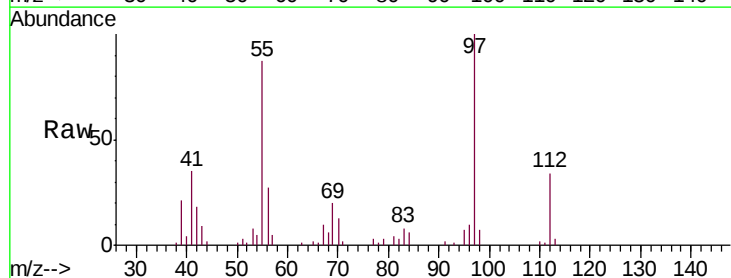
Ion Ratio Lower Upper

97 100

83 7.7 68.7 103.1#

85 0.0 43.7 65.5#

99 0.0 49.6 74.4#

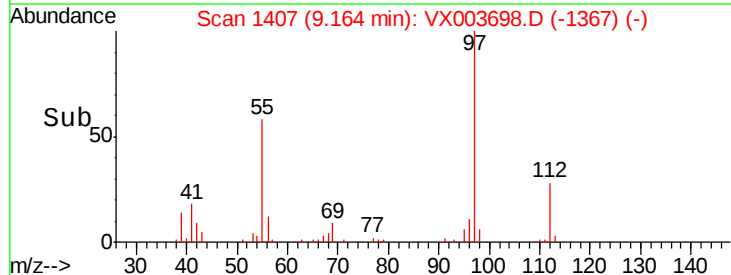
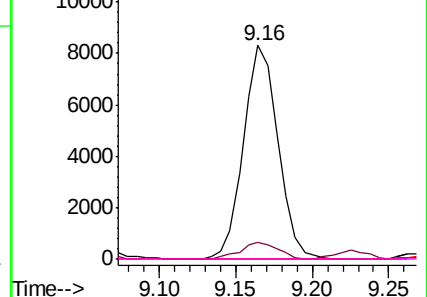


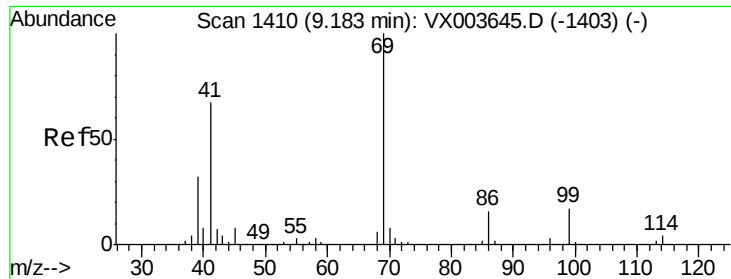
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

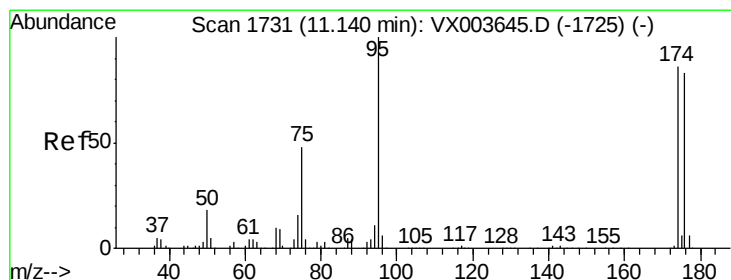
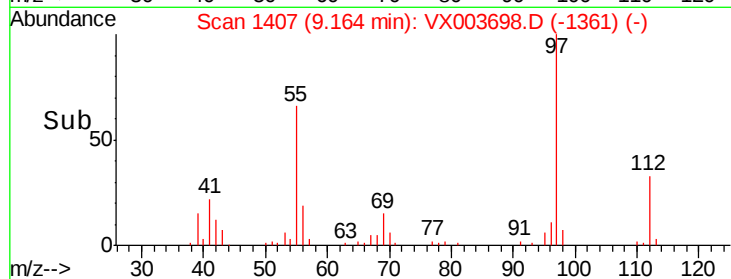
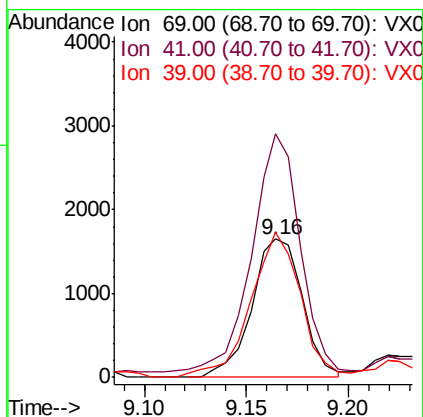
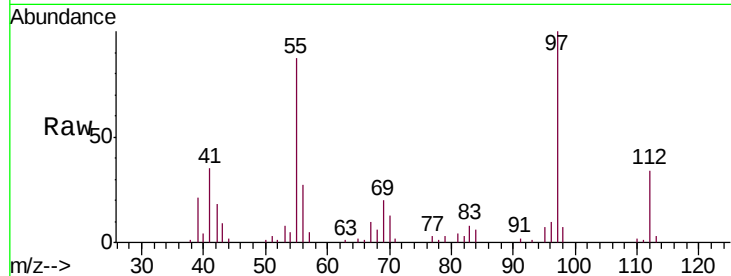




#56
Ethyl methacrylate
Concen: 1.37 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

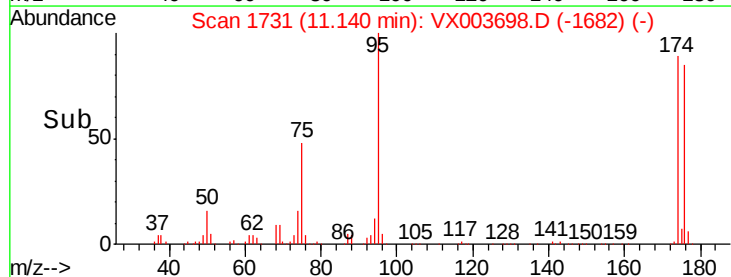
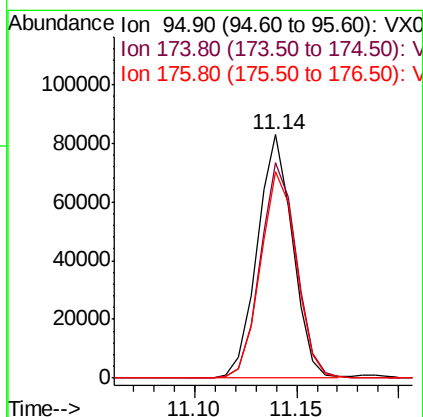
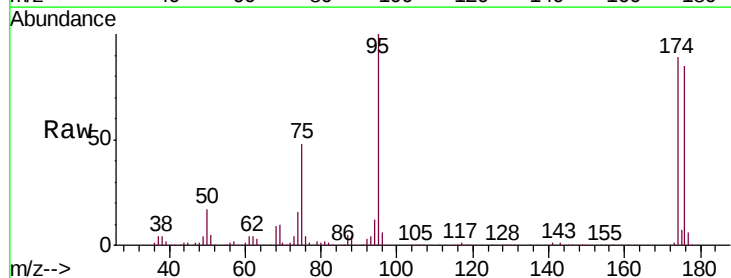
Instrument :
MSVOA_X
ClientSampled :
FL-0509

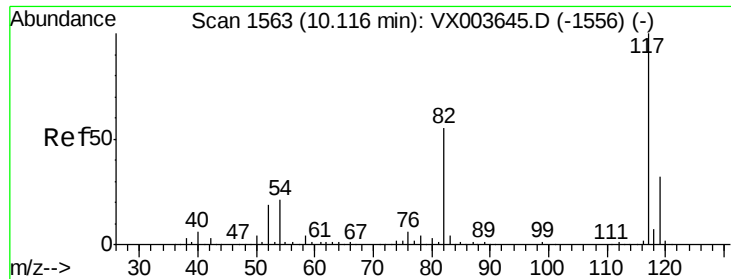
Tot Ion: 69 Resp: 2850
Ion Ratio Lower Upper
69 100
41 162.9 53.8 80.6#
39 103.5 25.8 38.8#



#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 95 Resp: 99972
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.0
176 86.9 0.0 173.0

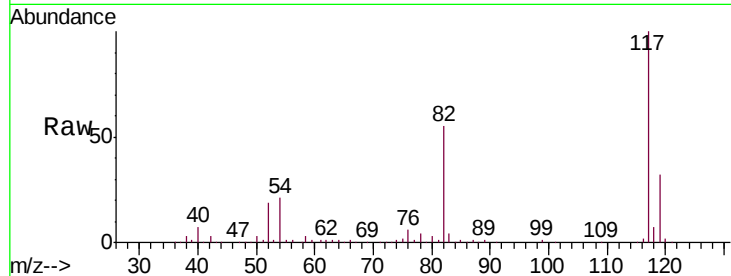




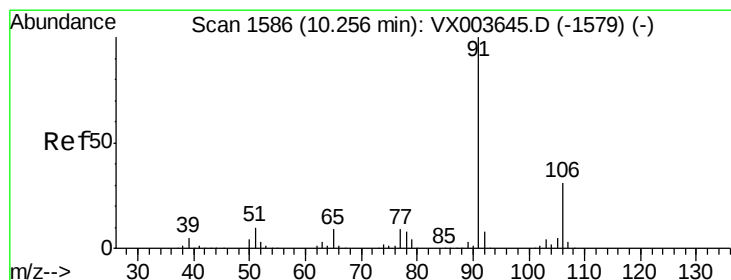
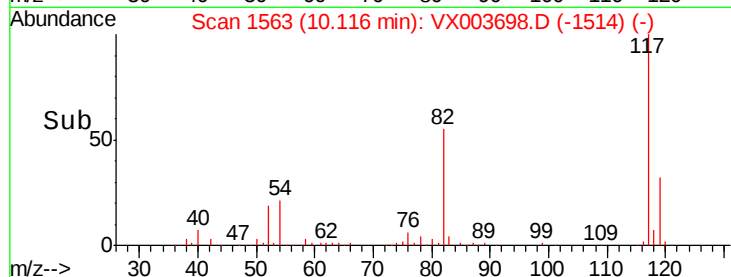
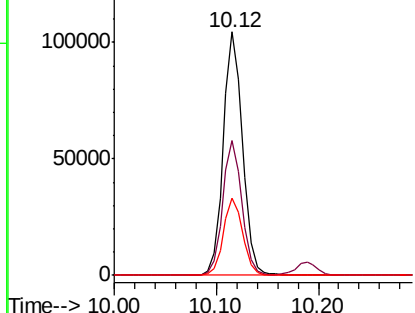
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampled :
FL-0509

Tot Ion:117 Resp: 136814
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.0 25.6 38.4

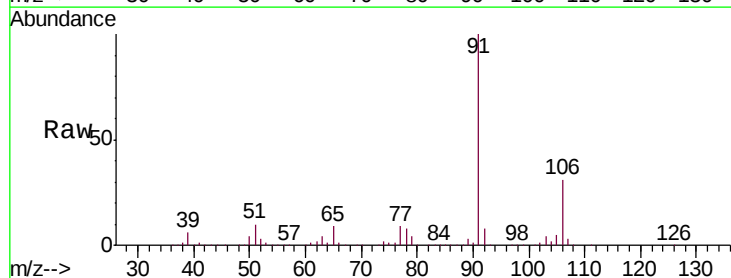


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

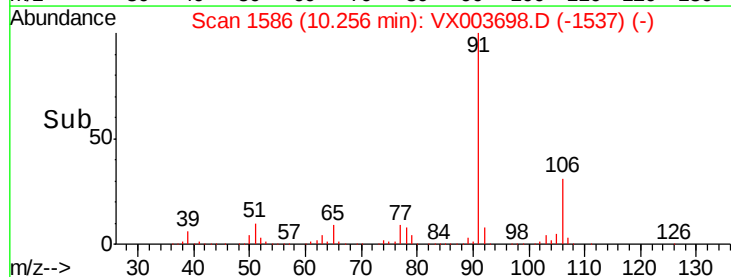
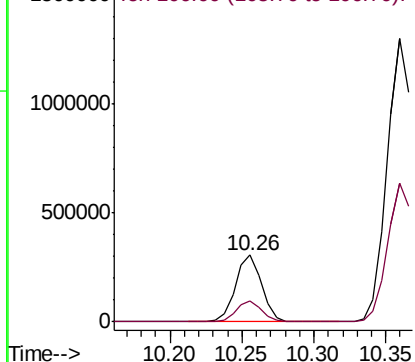


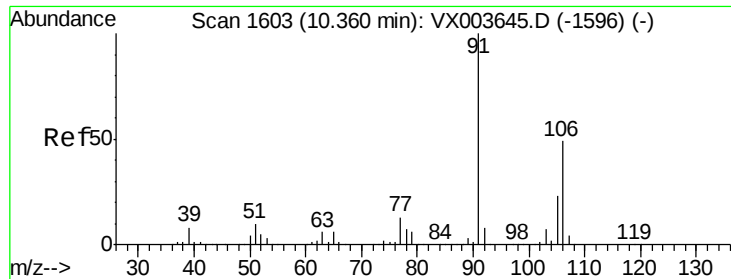
#67
Ethyl Benzene
Concen: 67.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 91 Resp: 389853
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



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

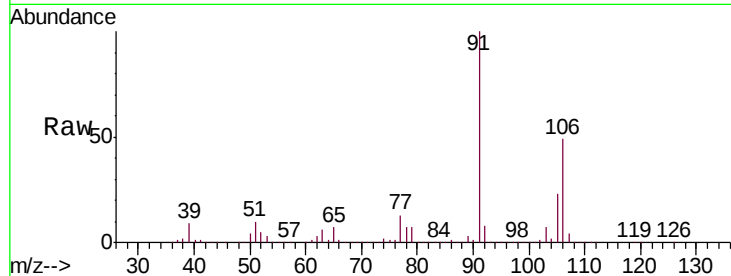




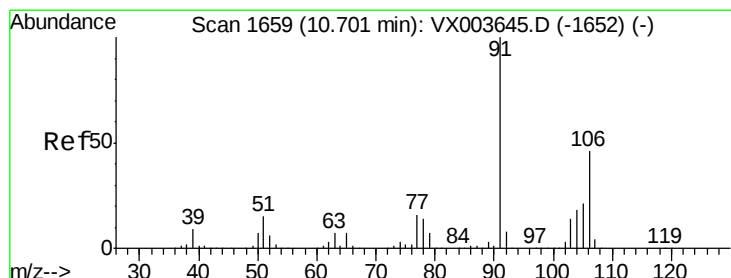
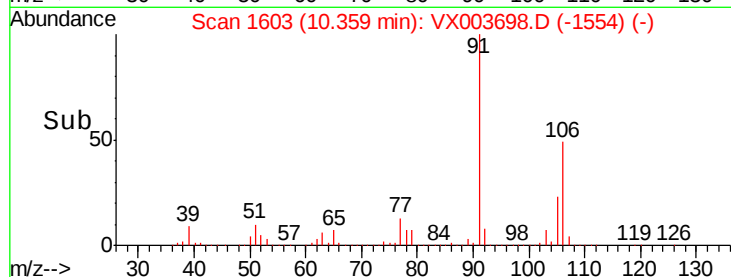
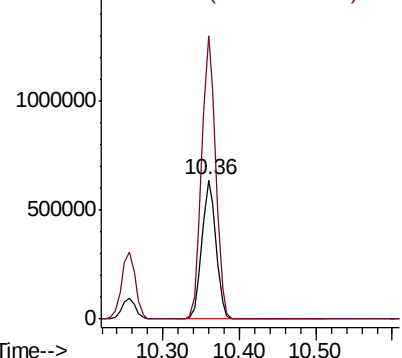
#68
m/p-Xvlenes
Concen: 365.96 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampled :
FL-0509

Tot Ion:106 Resp: 809159
Ion Ratio Lower Upper
106 100
91 203.7 162.2 243.2

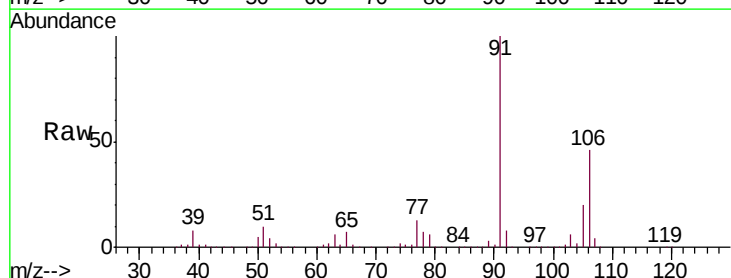


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

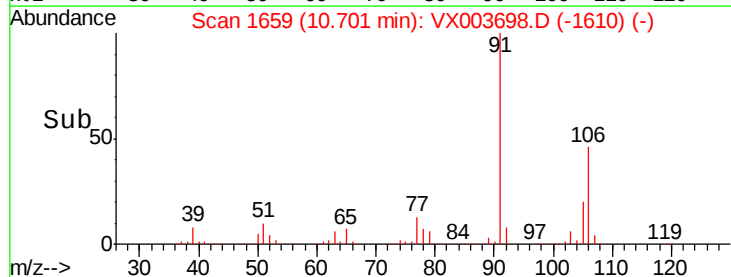
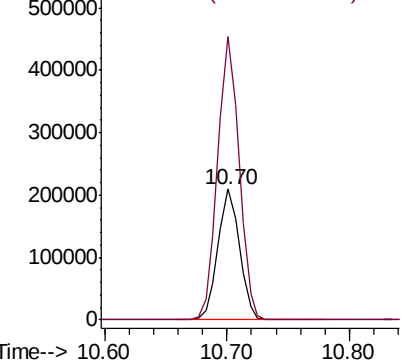


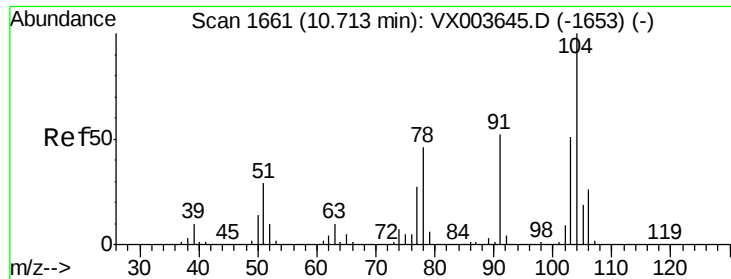
#69
o-Xylene
Concen: 119.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion:106 Resp: 254495
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.1



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

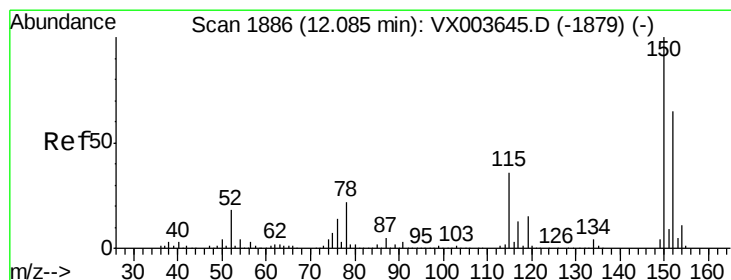
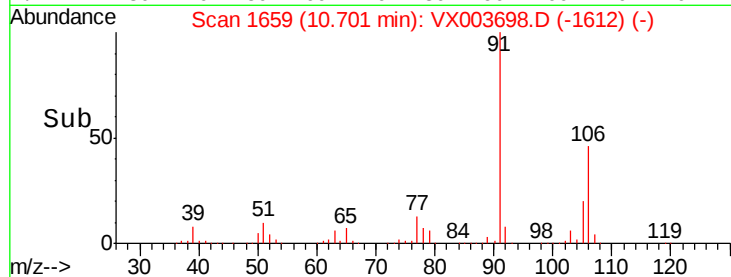
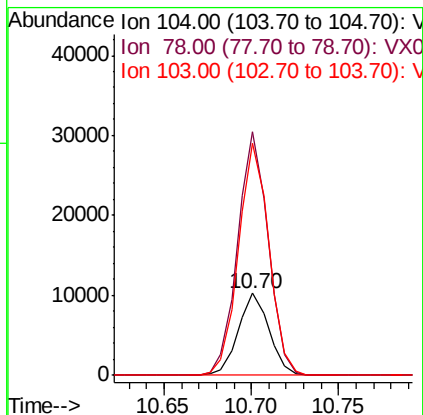
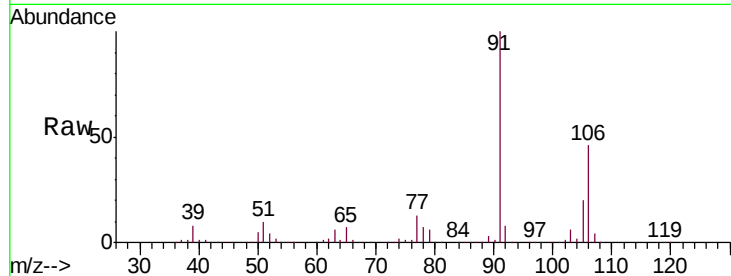




#70
Stvrene
Concen: 3.52 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

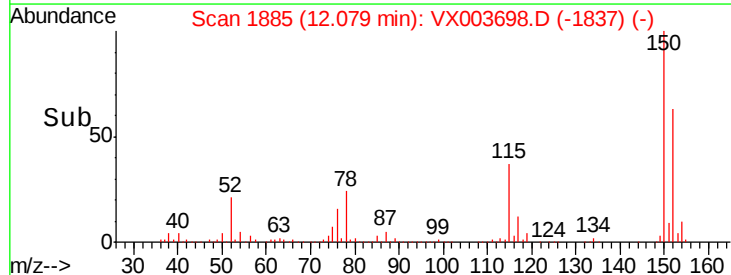
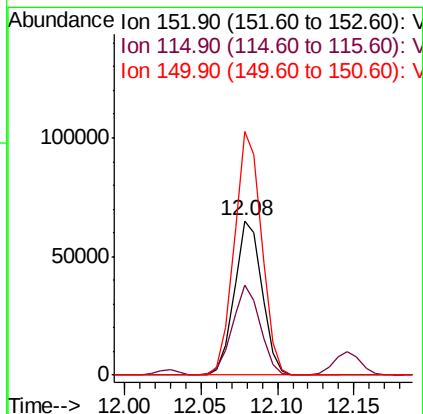
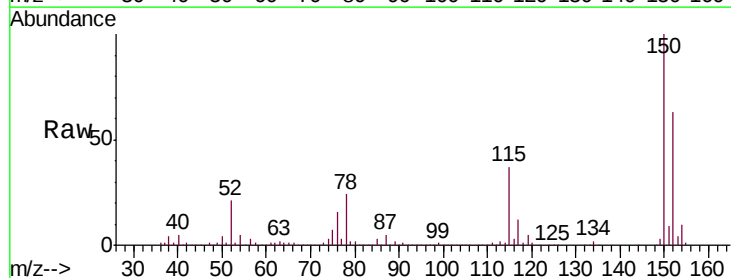
Instrument :
MSVOA_X
ClientSampleId :
FL-0509

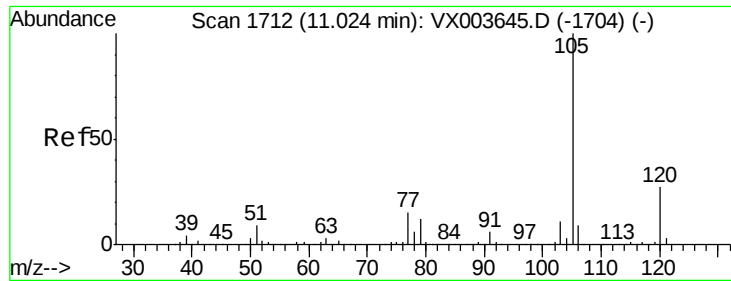
Tot Ion:104 Resp: 12598
Ion Ratio Lower Upper
104 100
78 293.4 39.2 58.8#
103 279.3 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion:152 Resp: 80989
Ion Ratio Lower Upper
152 100
115 58.3 40.0 119.9
150 156.5 0.0 348.4





#73

Isopropylbenzene

Concen: 44.49 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

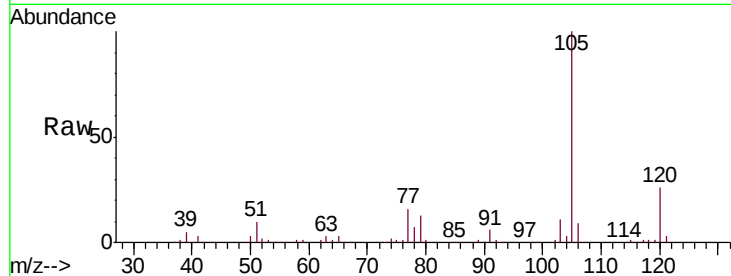
FL-0509

Tot Ion:105 Resp: 246182

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

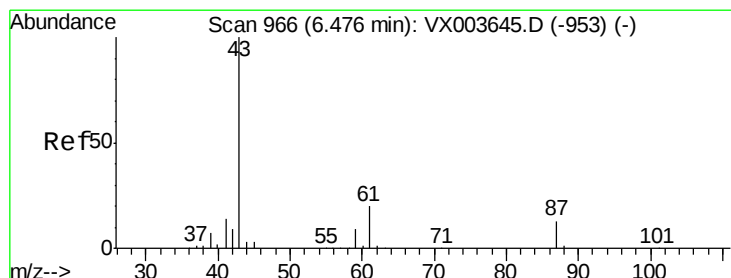
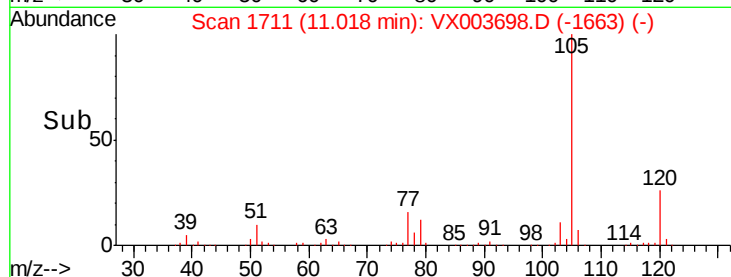
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 0.86 ug/l

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Tgt Ion: 43 Resp: 2472

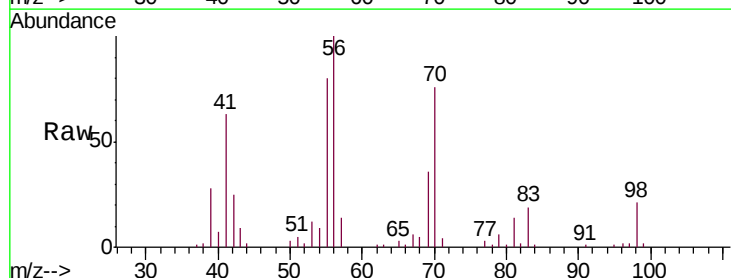
Ion Ratio Lower Upper

43 100

70 757.0 0.0 0.0#

55 781.7 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

10000

8000

6000

4000

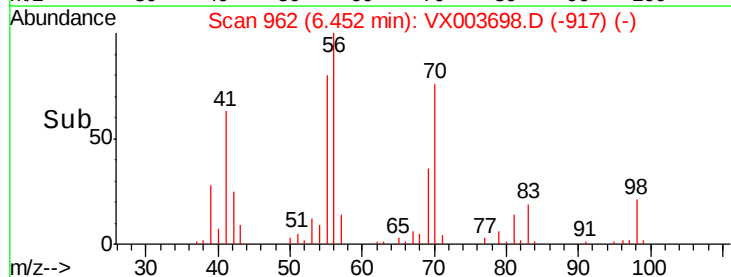
2000

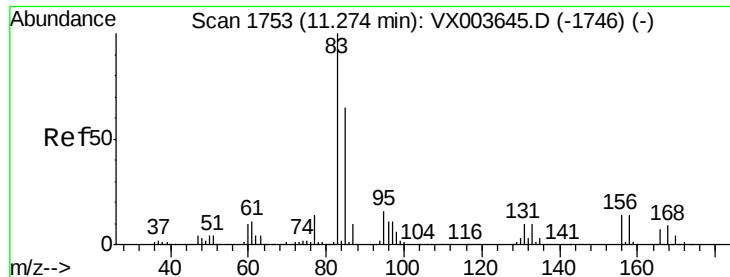
0

6.45

6.35 6.40 6.50 6.55

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.25 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

FL-0509

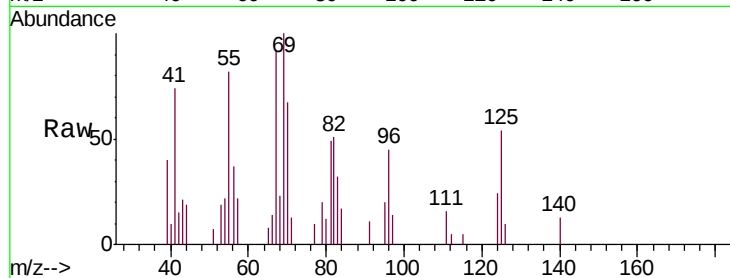
Tot Ion: 83 Resp: 512

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

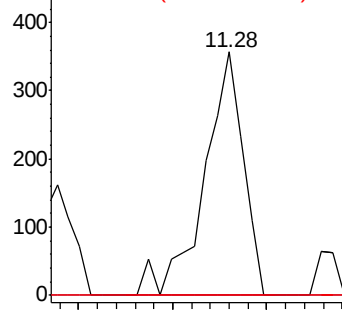
85 0.0 31.9 95.9#



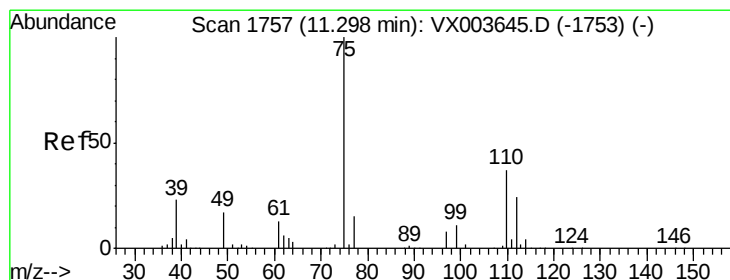
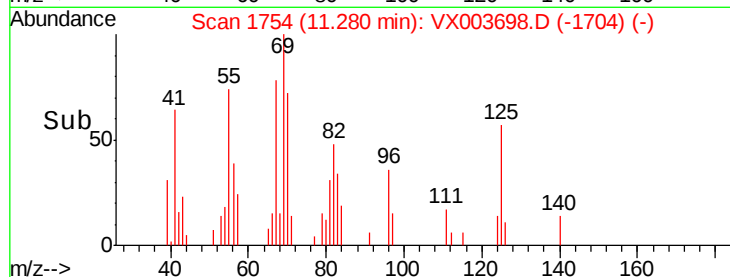
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 2.58 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.14 min

Lab File: VX003698.D

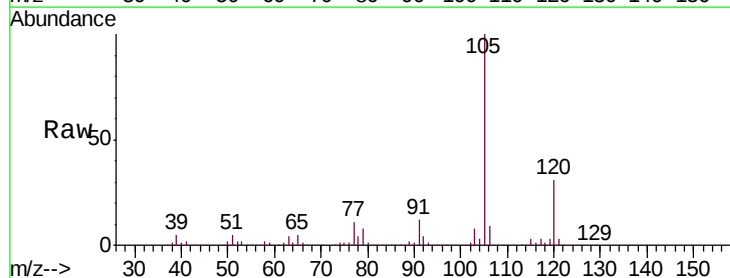
Acq: 27 Jul 2018 05:07

Tgt Ion: 75 Resp: 4379

Ion Ratio Lower Upper

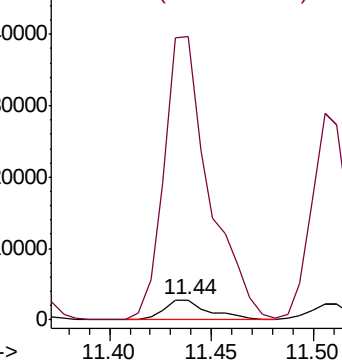
75 100

77 1395.3 21.6 64.6#

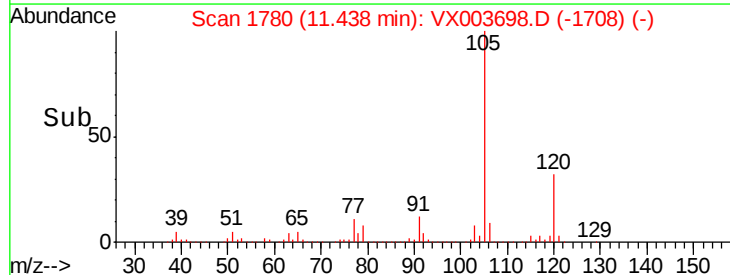


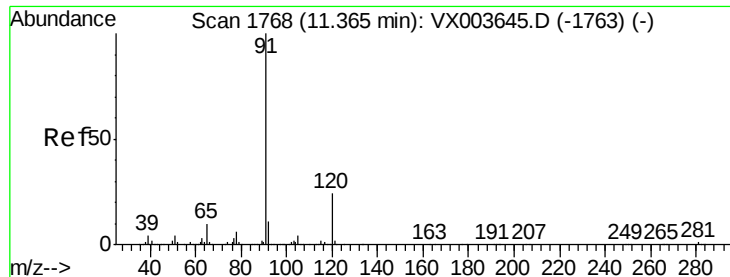
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#78

n-propylbenzene

Concen: 28.02 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

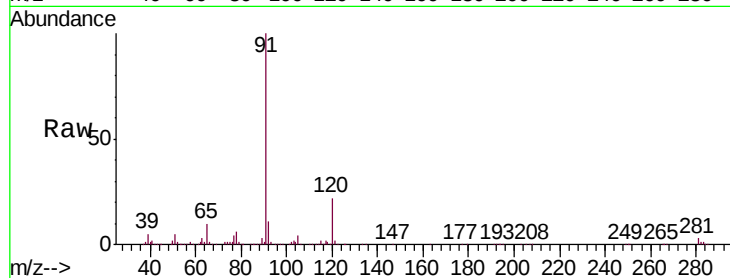
FL-0509

Tot Ion: 91 Resp: 179003

Ion Ratio Lower Upper

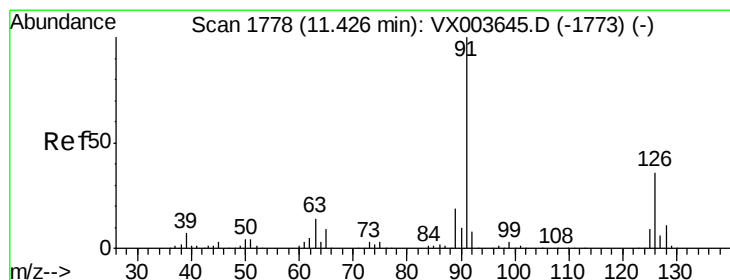
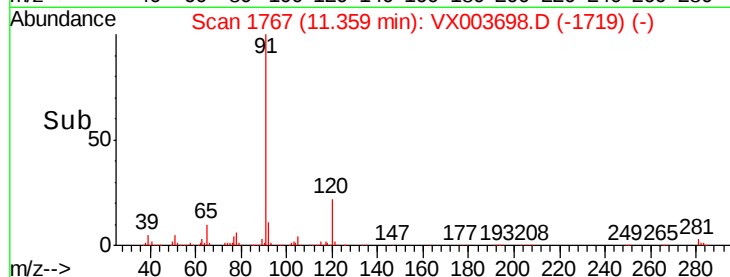
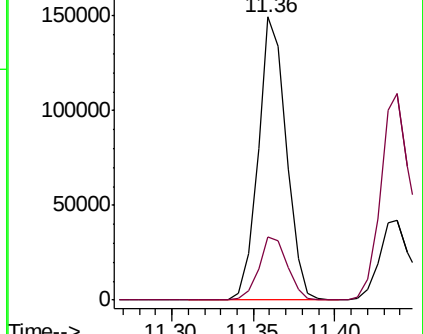
91 100

120 22.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 16.26 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX003698.D

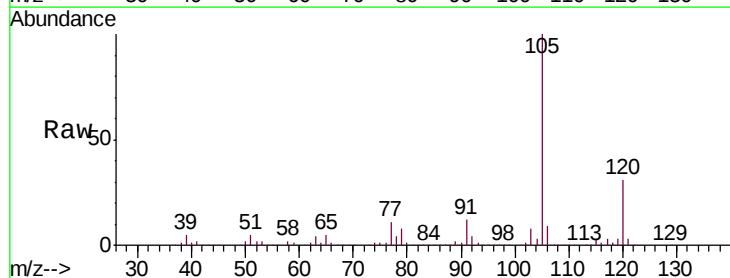
Acq: 27 Jul 2018 05:07

Tgt Ion: 91 Resp: 63139

Ion Ratio Lower Upper

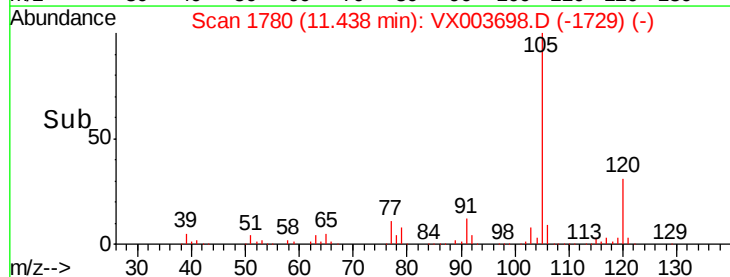
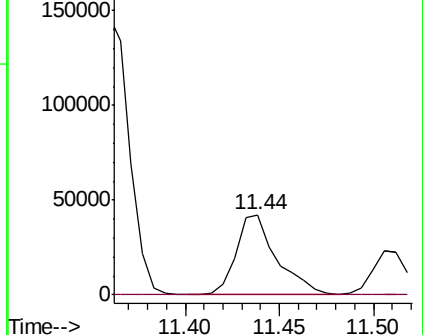
91 100

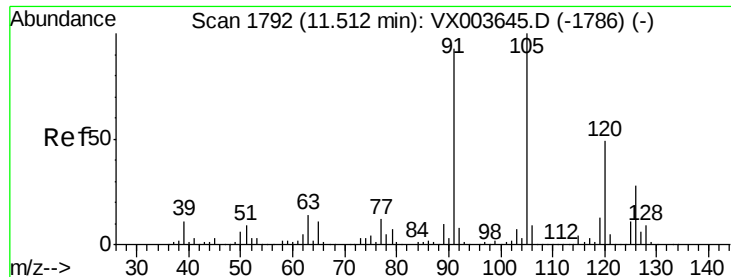
126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 59.61 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

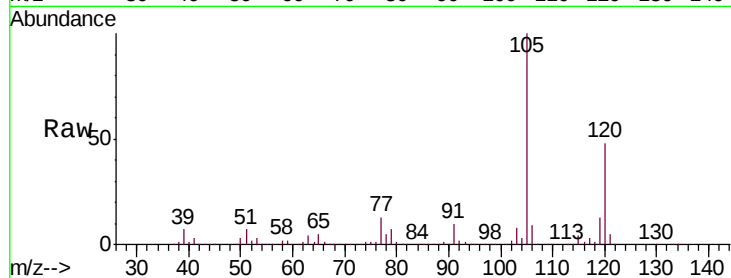
FL-0509

Tot Ion:105 Resp: 279057

Ion Ratio Lower Upper

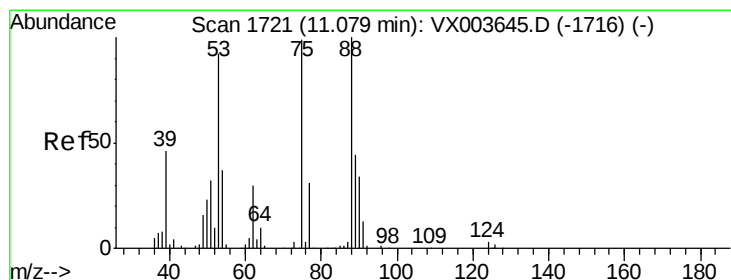
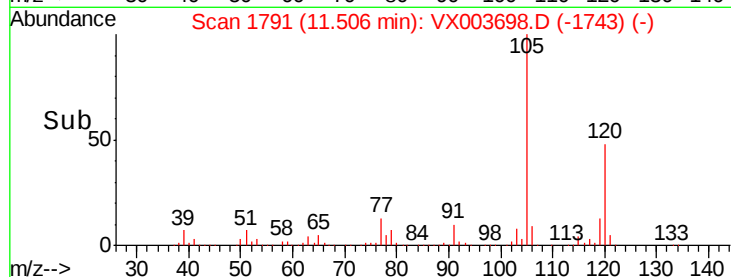
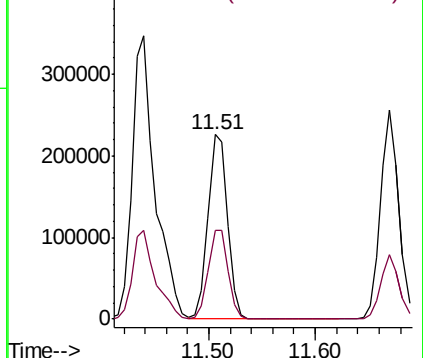
105 100

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: 87.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

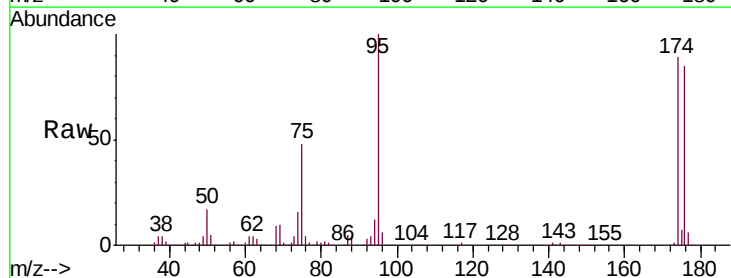
Tgt Ion: 75 Resp: 48062

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

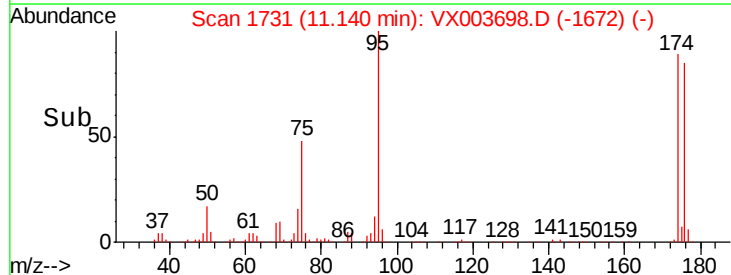
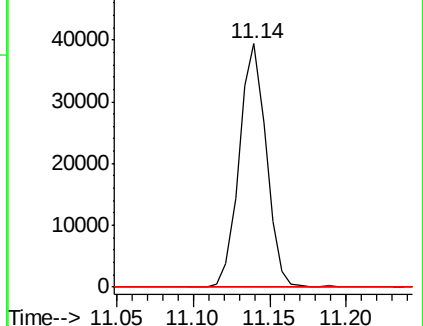
89 0.0 36.6 54.8#

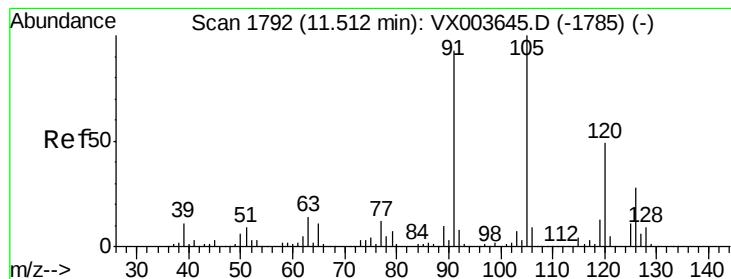


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 6.30 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

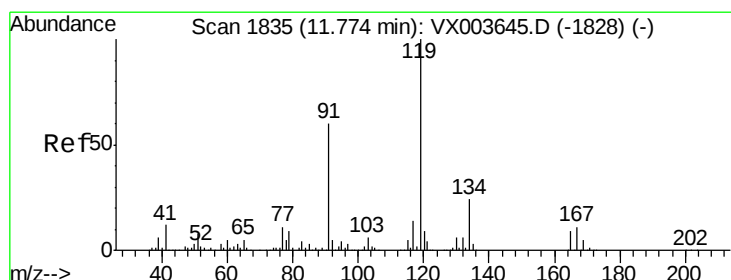
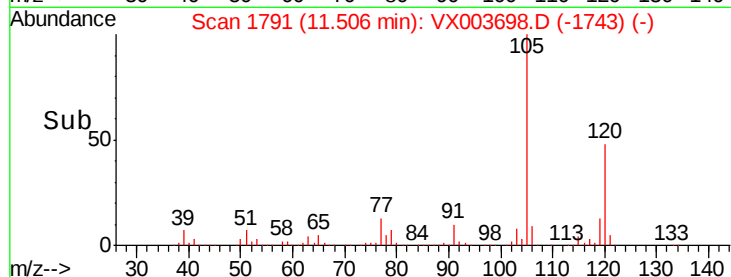
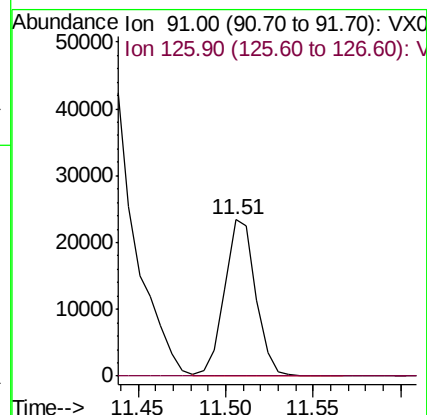
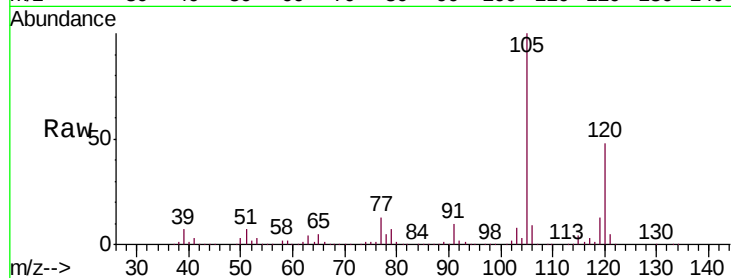
FL-0509

Tot Ion: 91 Resp: 28838

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.1#



#83

tert-Butylbenzene

Concen: 18.25 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.04 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

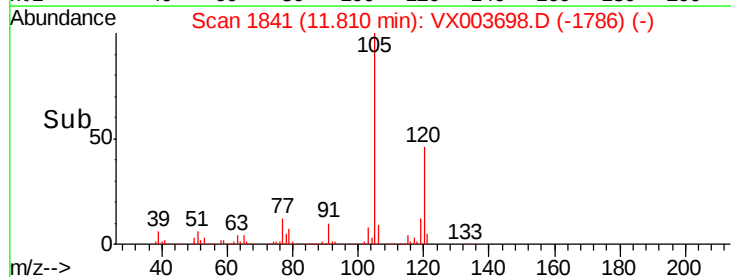
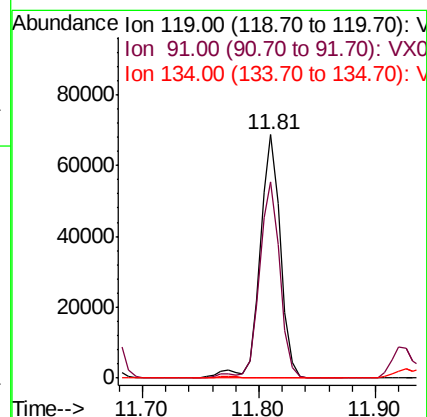
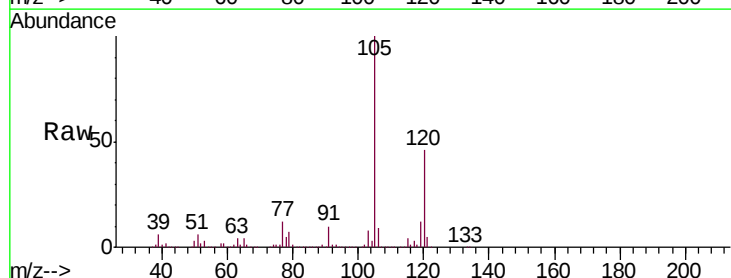
Tgt Ion: 119 Resp: 83589

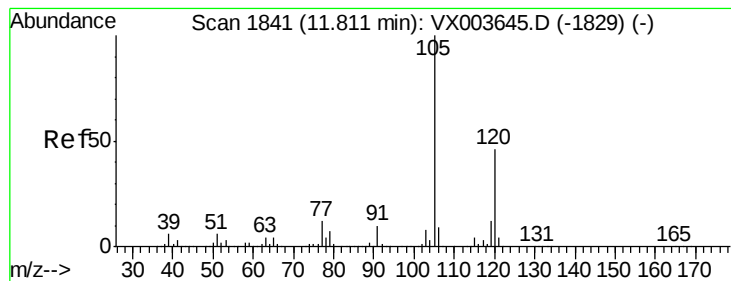
Ion Ratio Lower Upper

119 100

91 81.1 28.4 85.2

134 0.0 11.6 34.8#





#84

1,2,4-Trimethylbenzene

Concen: 136.47 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampled :

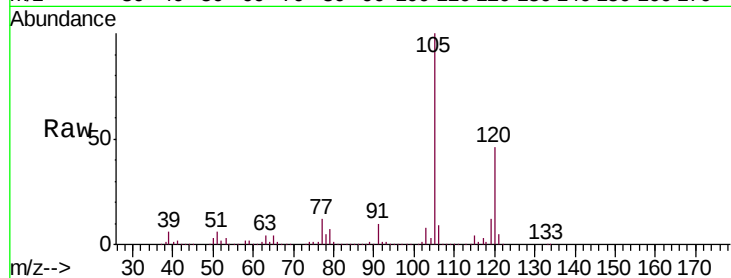
FL-0509

Tot Ion:105 Resp: 656640

Ion Ratio Lower Upper

105 100

120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

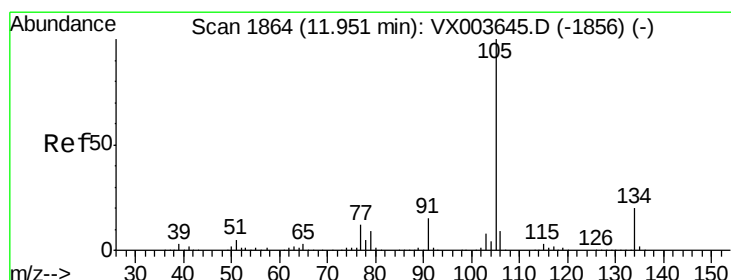
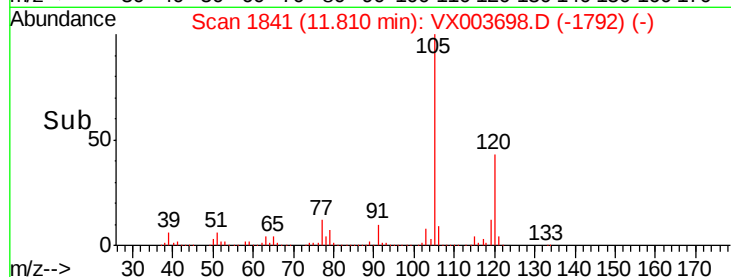
0

11.81

11.80

11.90

Time-->



#85

sec-Butylbenzene

Concen: 5.56 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003698.D

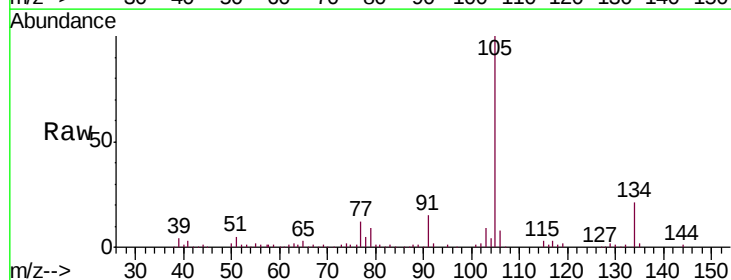
Acq: 27 Jul 2018 05:07

Tgt Ion:105 Resp: 30392

Ion Ratio Lower Upper

105 100

134 29.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

25000

20000

15000

10000

5000

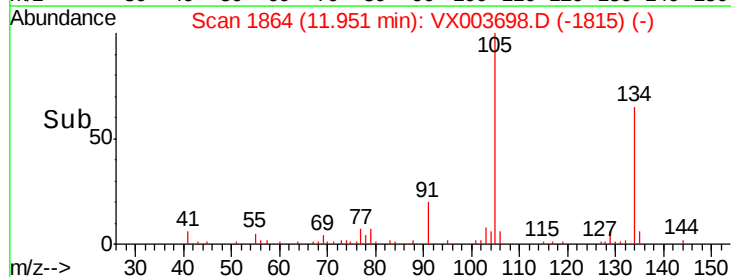
0

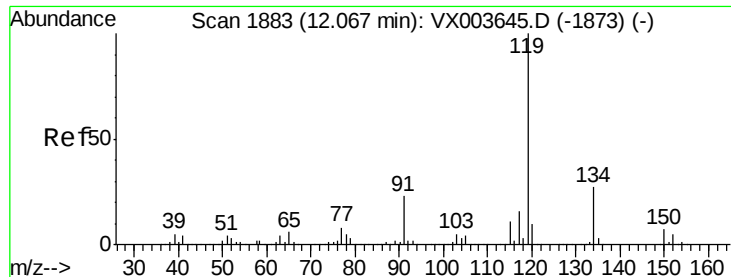
11.95

11.90

12.00

Time-->

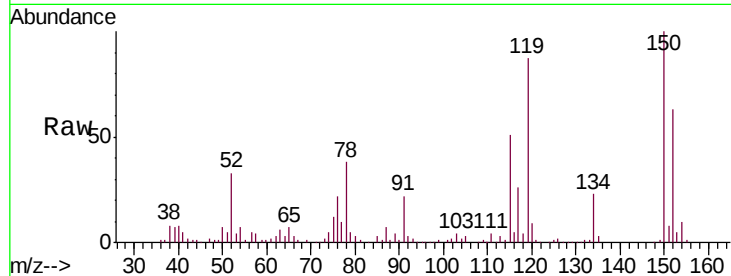




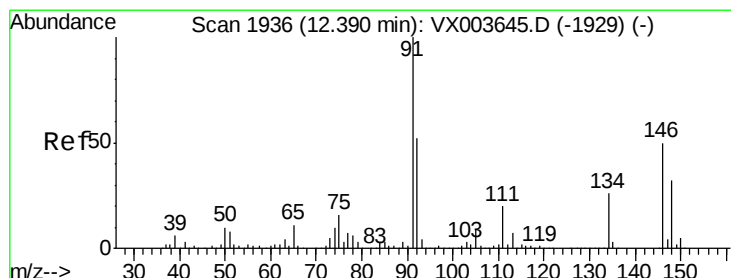
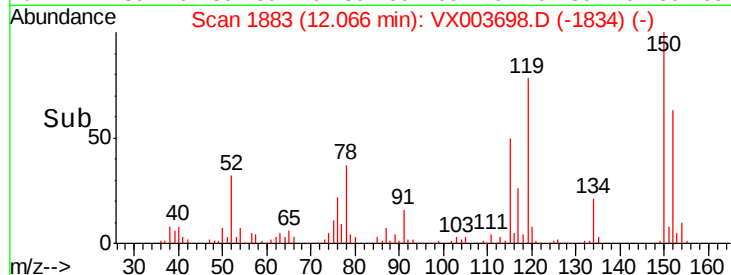
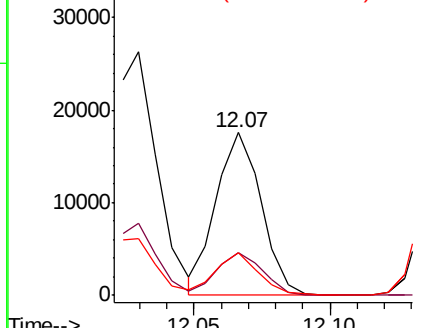
#86
p-Isopropyltoluene
Concen: 4.12 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
FL-0509

Tot Ion:119 Resp: 20232
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.9
91 25.6 11.5 34.5

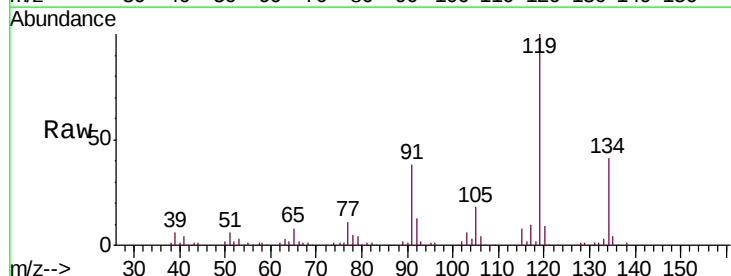


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

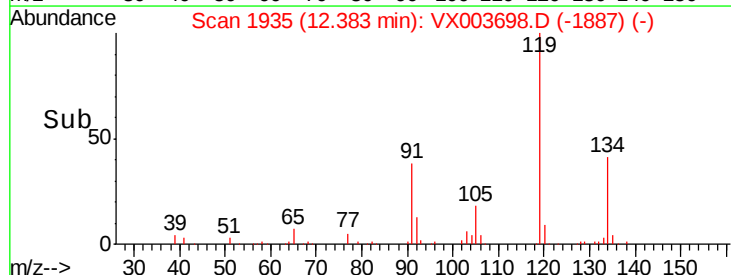
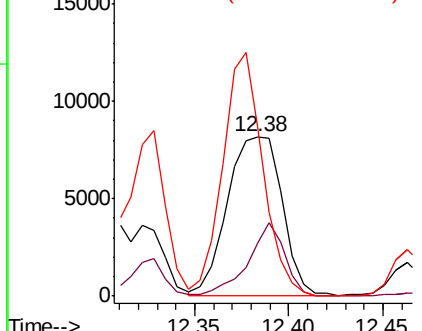


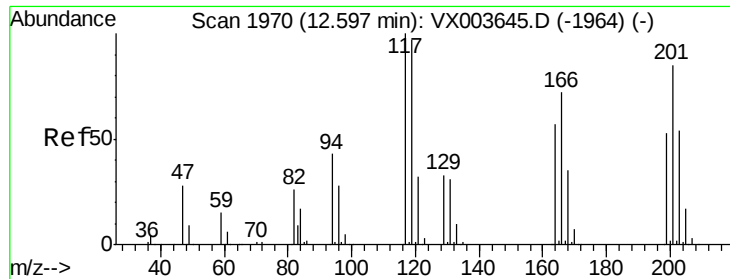
#89
n-Butylbenzene
Concen: 3.73 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Tgt Ion: 91 Resp: 16509
Ion Ratio Lower Upper
91 100
92 31.0 26.3 78.9
134 111.4 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: 4.62 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

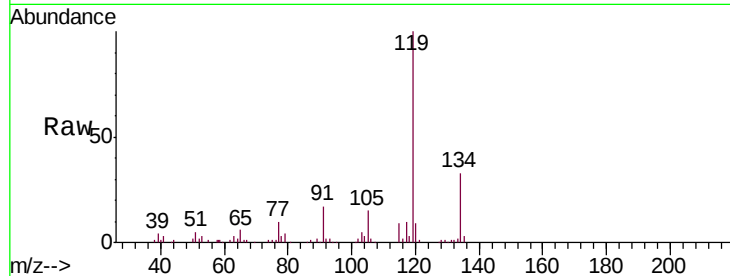
FL-0509

Tot Ion:117 Resp: 3433

Ion Ratio Lower Upper

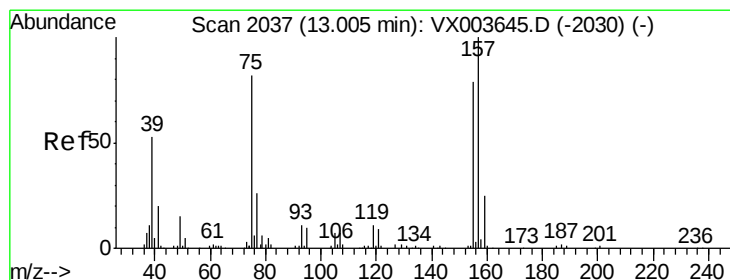
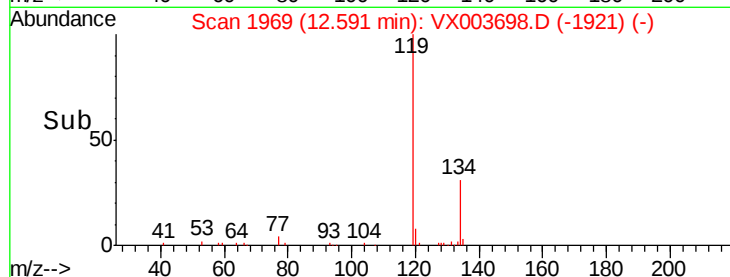
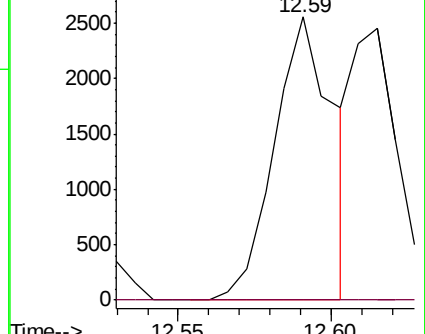
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.72 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX003698.D

Acq: 27 Jul 2018 05:07

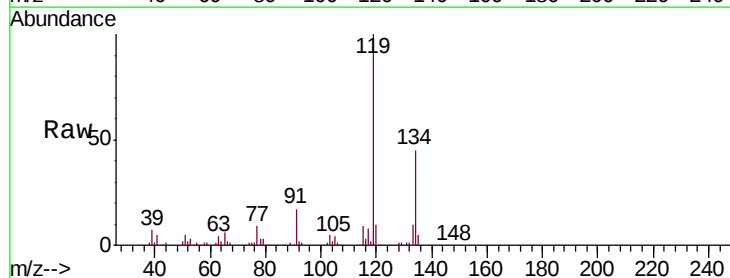
Tgt Ion: 75 Resp: 306

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

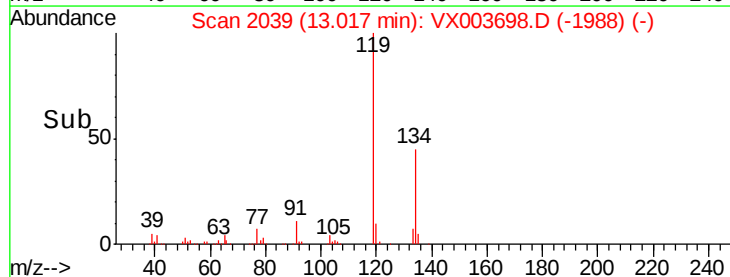
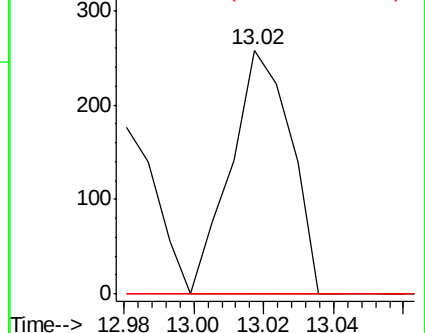
157 0.0 59.7 179.0#

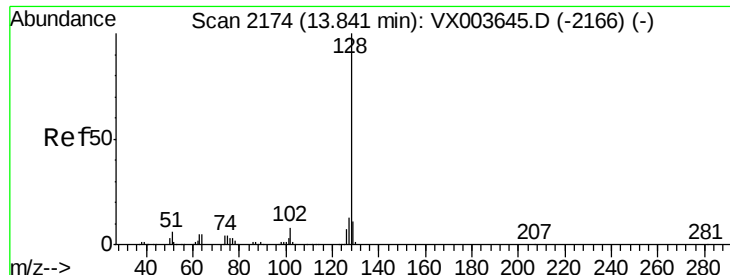


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 37.73 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003698.D
Acq: 27 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
FL-0509

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.3	8.7	13.1

