

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004953.D
 Acq On : 03 Oct 2018 07:59
 Operator : JC/MD
 Sample : J5084-01 10X
 Misc : 5.73µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(11-11.5)

Quant Time: Oct 03 08:39:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218042	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	165593	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	
35) Dibromofluoromethane	5.50	113	149212	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	532882	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.14	95	210392	56.98	ug/l	0.00
Spiked Amount			Recovery	=	113.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1402	0.605	ug/l #	74
6) Chloroethane	1.71	64	143	Below Cal	#	72
10) Methyl Iodide	2.51	142	933	0.253	ug/l	91
11) Tert butyl alcohol	3.02	59	6861	6.822	ug/l #	72
13) Acrolein	2.26	56	5448	7.613	ug/l #	1
14) Allyl chloride	2.77	41	19140	3.215	ug/l #	71
15) Acrylonitrile	3.16	53	21750	9.824	ug/l #	46
16) Acetone	2.38	43	41141	19.591	ug/l #	56
17) Carbon Disulfide	2.56	76	2298	0.280	ug/l #	93
18) Methyl Acetate	2.84	43	372273	69.970	ug/l #	53
20) Methylene Chloride	2.85	84	9250	2.228	ug/l #	38
23) Vinyl Acetate	3.80	43	5792	0.631	ug/l #	80
29) Tetrahydrofuran	5.20	42	2489	1.294	ug/l #	34
30) Chloroform	5.26	83	18005	3.186	ug/l #	35
31) Cyclohexane	5.60	56	201177	43.958	ug/l #	46
38) Carbon Tetrachloride	5.67	117	22116	5.001	ug/l #	17
39) Methylcyclohexane	7.46	83	213752	49.763	ug/l	92
40) Benzene	6.14	78	10193	0.774	ug/l	99
41) Methacrylonitrile	5.06	41	5025	1.623	ug/l #	51
43) Isopropyl Acetate	6.46	43	13433	1.667	ug/l #	66
45) 1,2-Dichloropropane	7.57	63	670	0.207	ug/l #	54
46) Dibromomethane	7.65	93	908	0.447	ug/l #	1
47) Bromodichloromethane	7.85	83	3965	1.043	ug/l #	25
48) Methyl methacrylate	7.73	41	36451	9.965	ug/l #	53
51) 4-Methyl-2-Pentanone	8.68	43	44398	8.749	ug/l #	72
52) Toluene	8.79	92	179339	24.783	ug/l	98
55) 1,1,2-Trichloroethane	9.27	97	2316	0.731	ug/l #	1
56) Ethyl methacrylate	9.16	69	11011	4.880	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	153	14.295	ug/l #	49
59) 2-Hexanone	9.55	43	39361	9.308	ug/l #	39
67) Ethyl Benzene	10.26	91	1303476	89.230	ug/l	95
68) m/p-Xylenes	10.36	106	1314626	230.297	ug/l	96
69) o-Xylene	10.70	106	358201	68.318	ug/l	99
70) Styrene	10.70	104	19782	4.071	ug/l #	1

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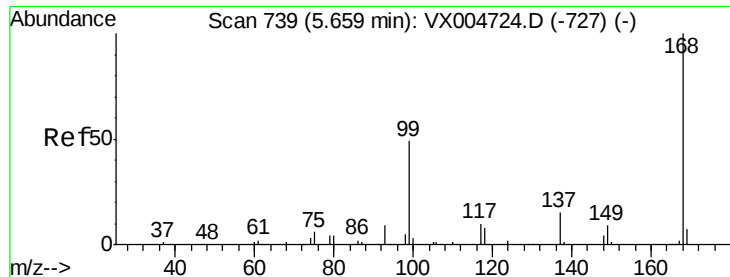
Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(11-11.5)

Quant Time: Oct 03 08:39:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	11.02	105	171717	12.494	uq/l	99
74) N-amyI acetate	10.91	43	15044	3.670	uq/l #	1
75) 1,1,2,2-Tetrachloroethane	11.24	83	3285	0.587	uq/l #	33
76) 1,2,3-Trichloropropane	11.36	75	4858	0.994	uq/l #	1
78) n-propylbenzene	11.36	91	783476	49.685	uq/l	98
79) 2-Chlorotoluene	11.44	91	267796	27.245	uq/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	747266	59.361	uq/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	102615	56.978	uq/l #	11
82) 4-Chlorotoluene	11.51	91	79136	6.840	uq/l #	46
83) tert-Butylbenzene	11.81	119	343844	30.387	uq/l #	61
84) 1,2,4-Trimethylbenzene	11.81	105	2691985	207.854	uq/l	99
85) sec-Butylbenzene	11.81	105	2691985	195.318	uq/l #	56
86) p-Isopropyltoluene	12.07	119	39092	3.131	uq/l	96
89) n-Butylbenzene	12.39	91	276213	24.356	uq/l #	35
90) Hexachloroethane	12.59	117	31251	15.031	uq/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2371	1.930	uq/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1757	0.322	uq/l #	1
94) Hexachlorobutadiene	13.78	225	758	0.268	uq/l	84
95) Naphthalene	13.83	128	553489	30.798	uq/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1301	0.230	uq/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

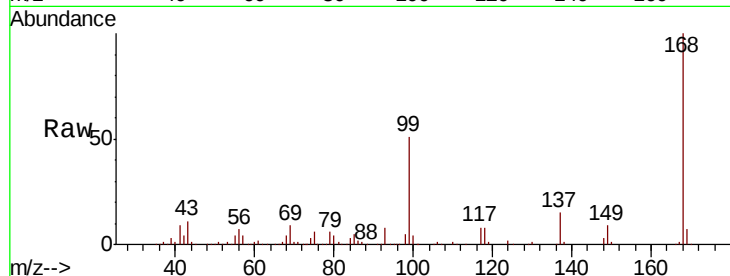
B-8(11-11.5)

Tot Ion:168 Resp: 251798

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

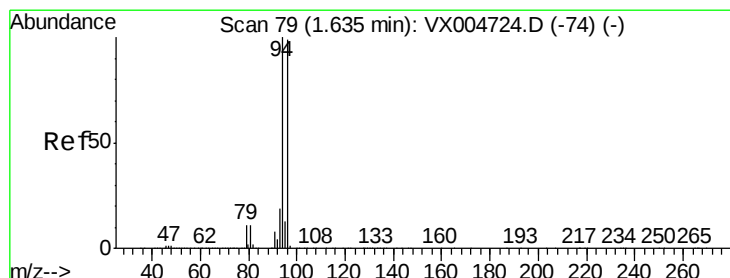
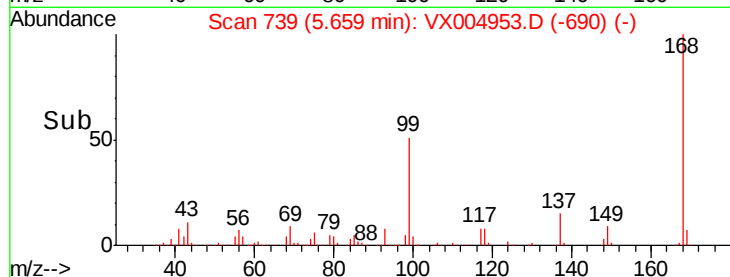
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.605 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004953.D

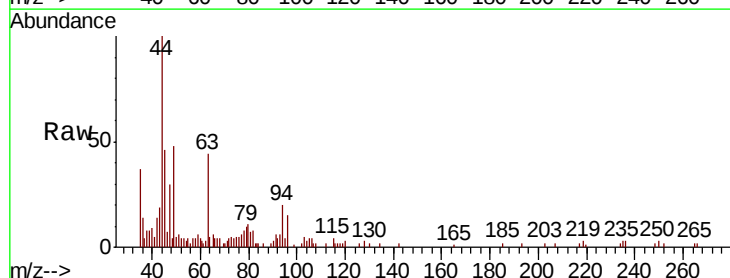
Acq: 03 Oct 2018 07:59

Tgt Ion: 94 Resp: 1402

Ion Ratio Lower Upper

94 100

96 73.7 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

800

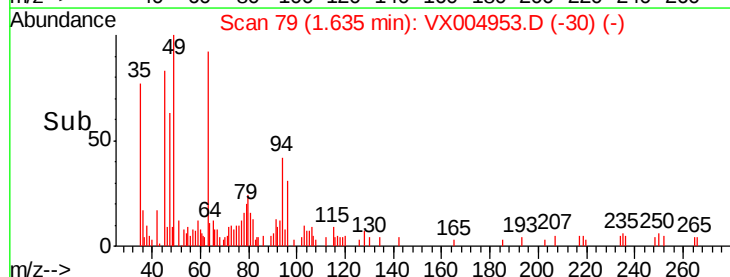
600

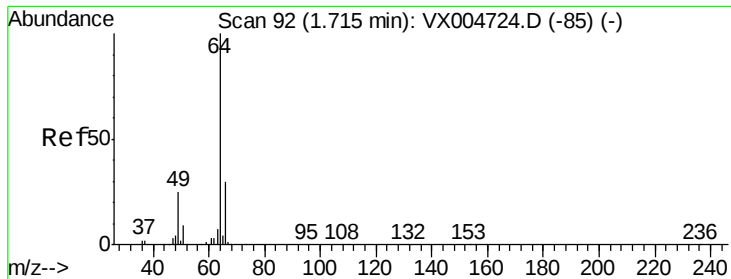
400

200

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

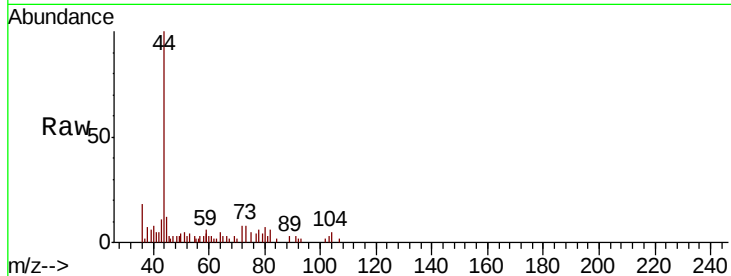
B-8(11-11.5)

Tot Ion: 64 Resp: 143

Ion Ratio Lower Upper

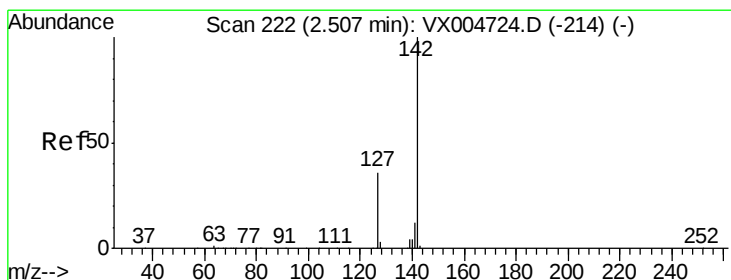
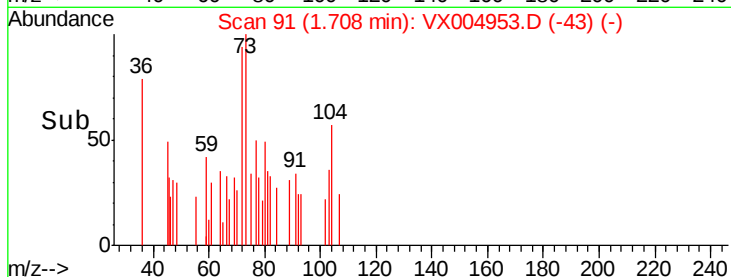
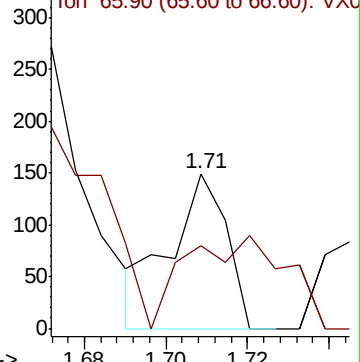
64 100

66 14.8 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 0.253 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

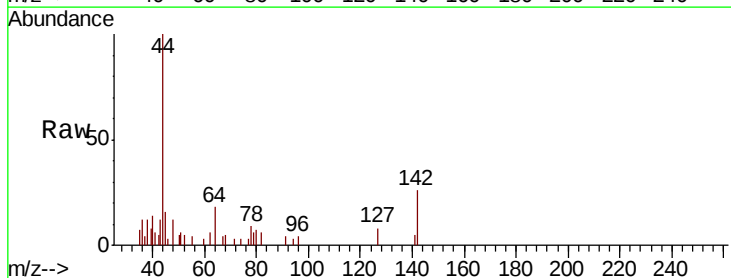
Tgt Ion: 142 Resp: 933

Ion Ratio Lower Upper

142 100

127 43.6 30.1 45.1

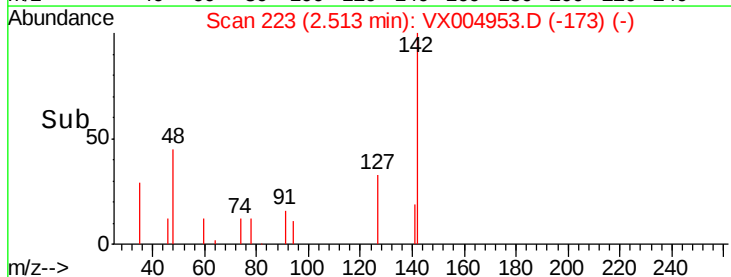
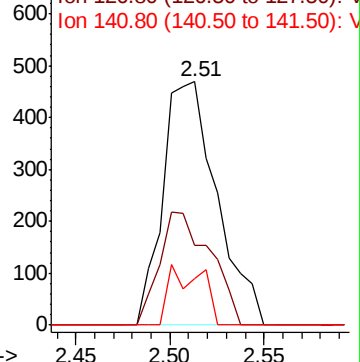
141 15.0 10.1 15.1

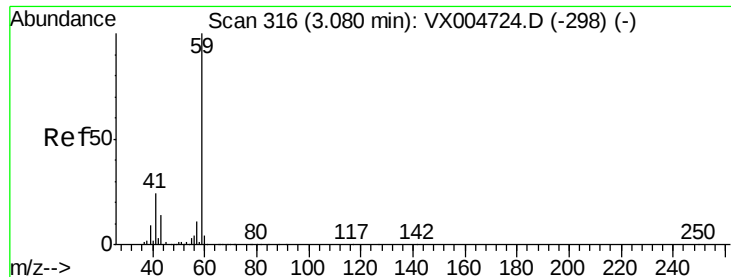


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



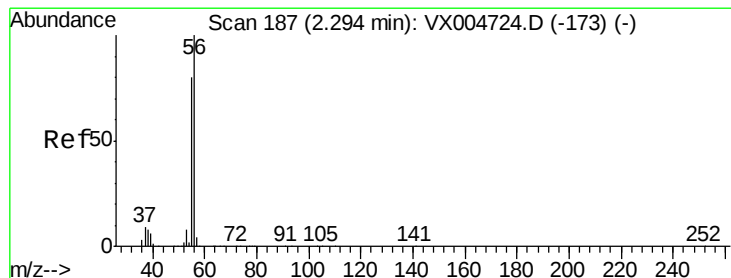
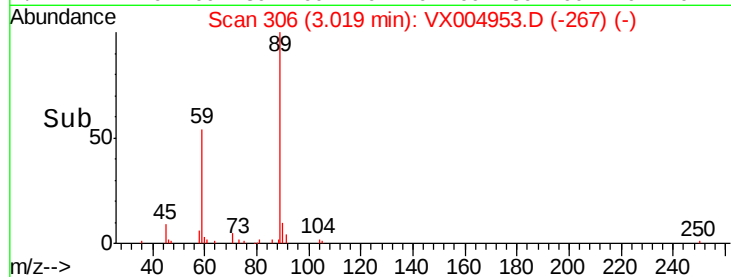
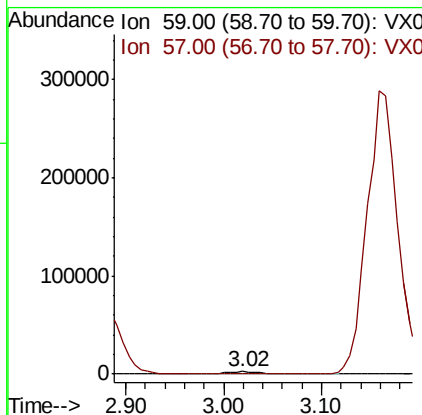
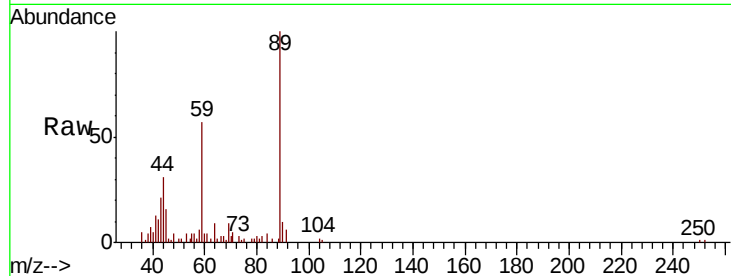


#11

Tert butyl alcohol
 Concen: 6.822 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX004953.D
 Acq: 03 Oct 2018 07:59

Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(11-11.5)

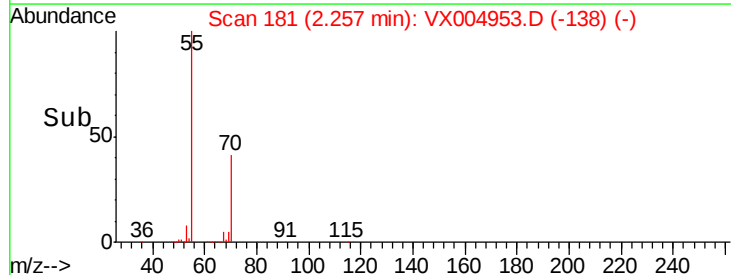
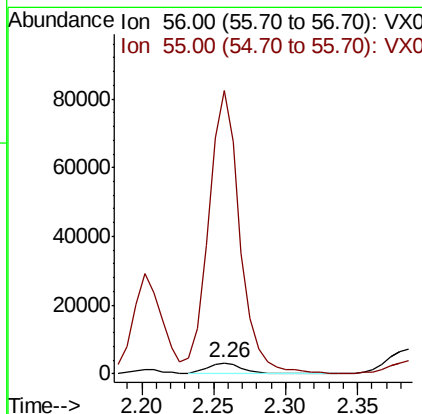
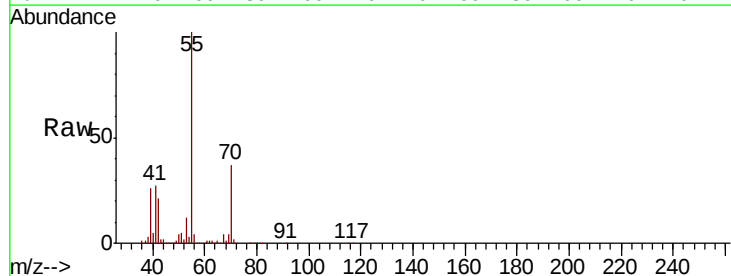
Tot Ion: 59 Resp: 6861
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

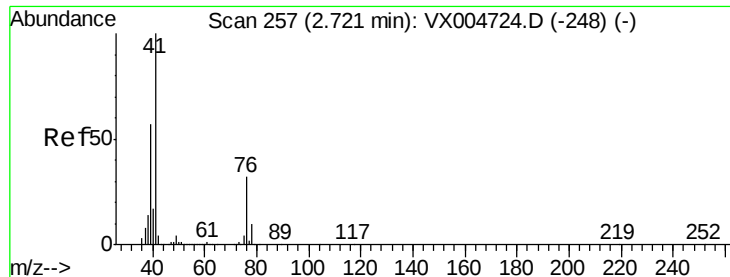


#13

Acrolein
 Concen: 7.613 ug/l
 RT: 2.26 min Scan# 181
 Delta R.T. -0.04 min
 Lab File: VX004953.D
 Acq: 03 Oct 2018 07:59

Tgt Ion: 56 Resp: 5448
 Ion Ratio Lower Upper
 56 100
 55 2281.4 63.4 95.2#





#14

Allvl chloride

Concen: 3.215 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.05 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

B-8(11-11.5)

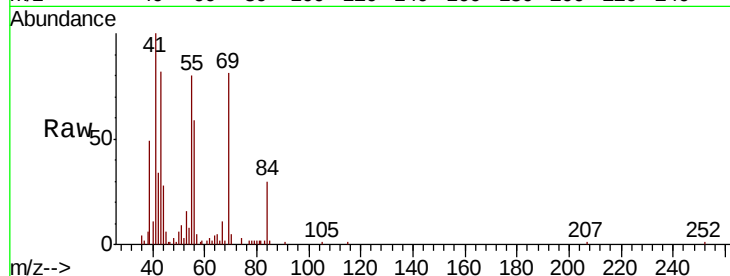
Tot Ion: 41 Resp: 19140

Ion Ratio Lower Upper

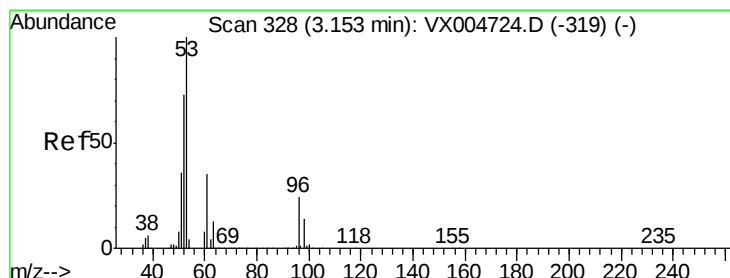
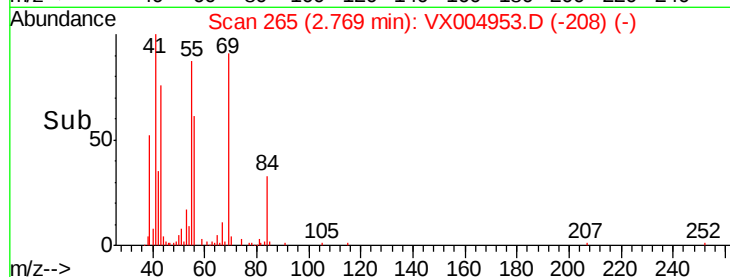
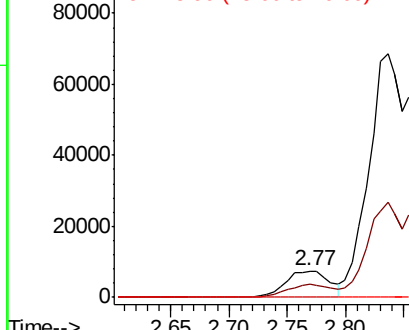
41 100

39 45.1 44.1 66.1

76 0.0 25.0 37.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 9.824 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

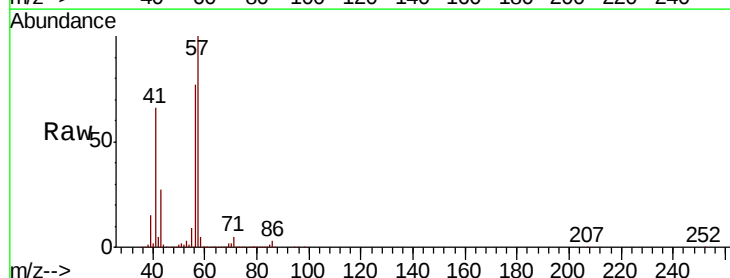
Tgt Ion: 53 Resp: 21750

Ion Ratio Lower Upper

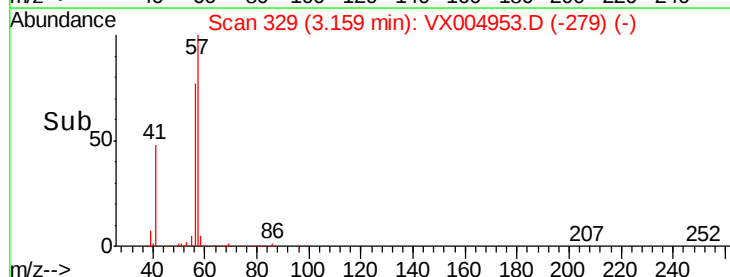
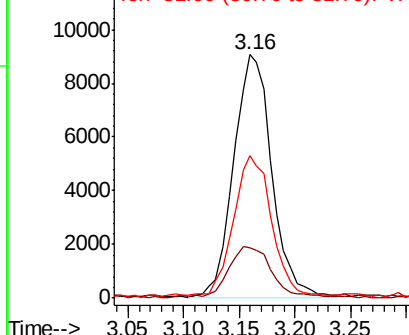
53 100

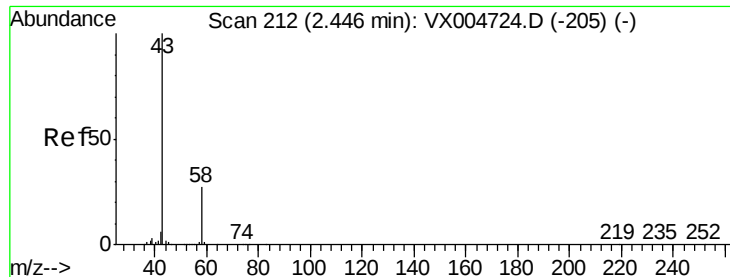
52 23.9 63.0 94.4#

51 56.1 28.6 42.8#



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: 19.591 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.07 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

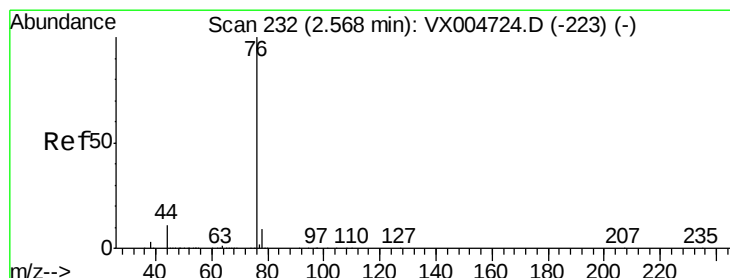
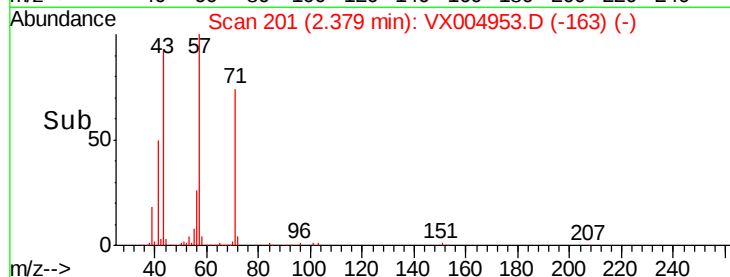
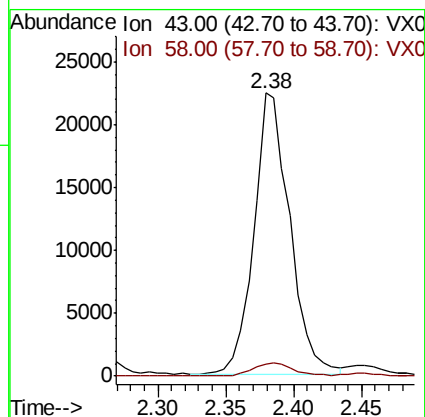
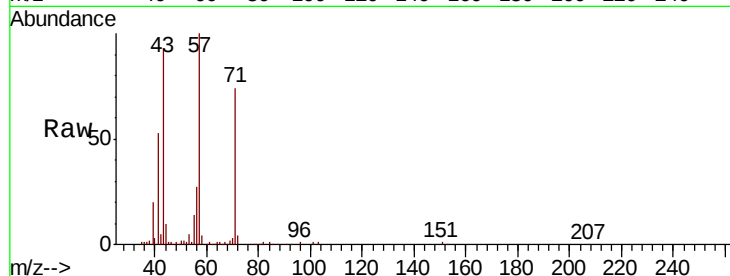
B-8(11-11.5)

Tot Ion: 43 Resp: 41141

Ion Ratio Lower Upper

43 100

58 4.3 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.280 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004953.D

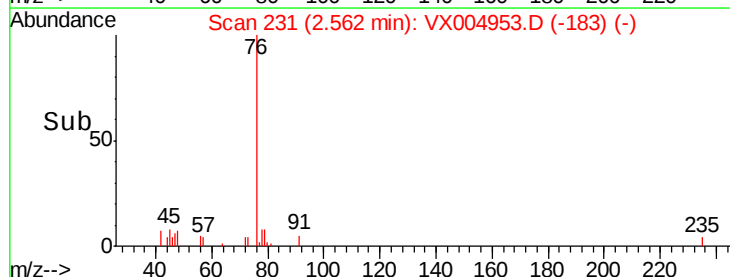
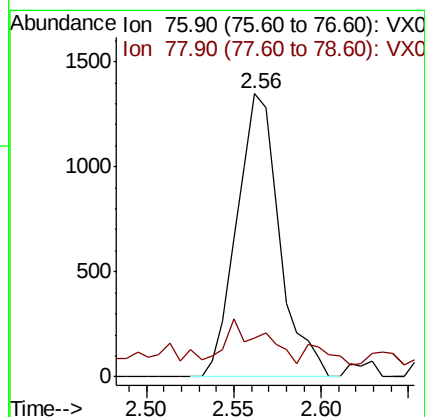
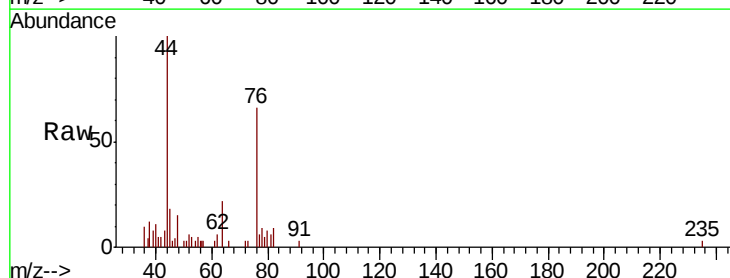
Acq: 03 Oct 2018 07:59

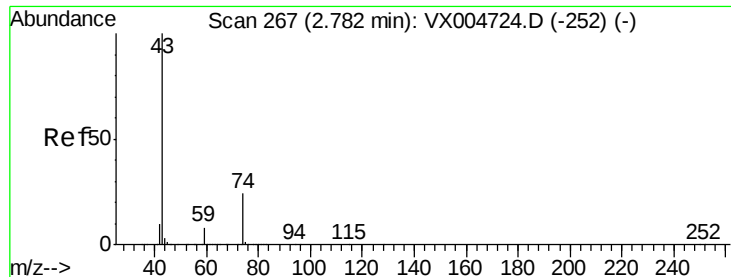
Tgt Ion: 76 Resp: 2298

Ion Ratio Lower Upper

76 100

78 6.4 7.0 10.6#

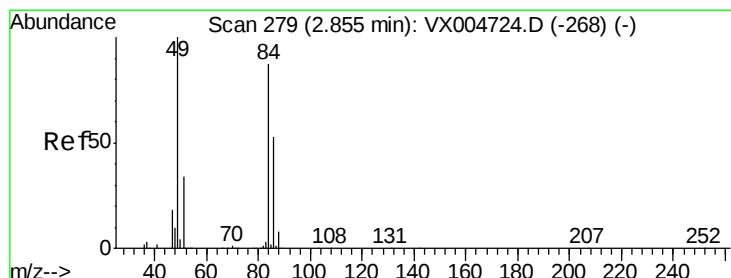
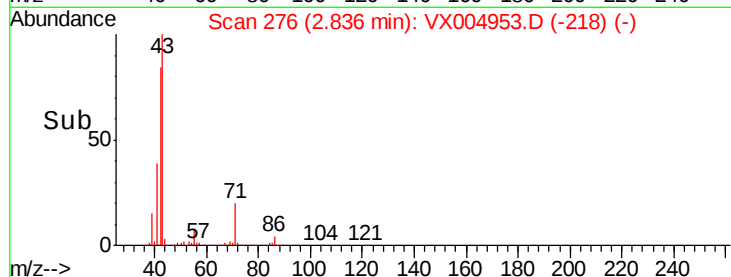
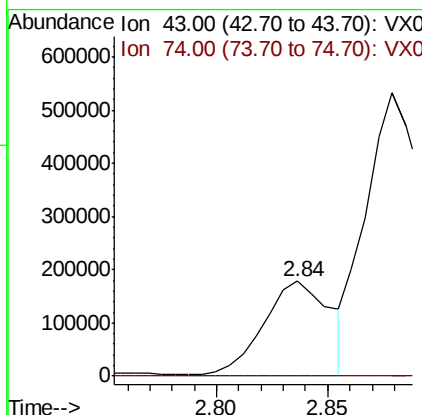
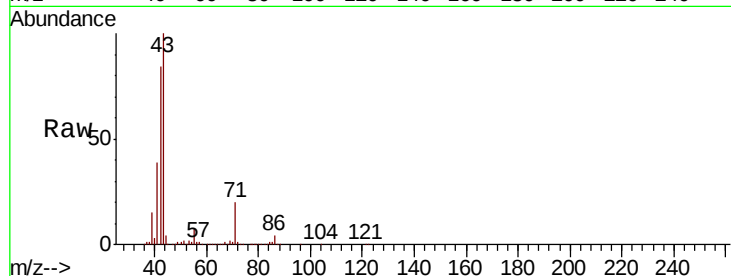




#18
Methyl Acetate
Concen: 69.970 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.05 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

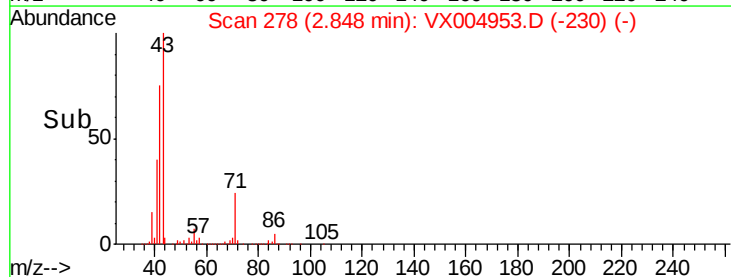
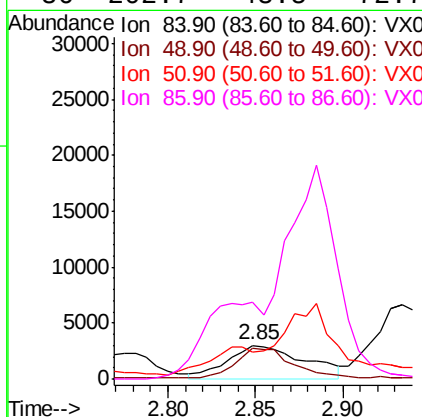
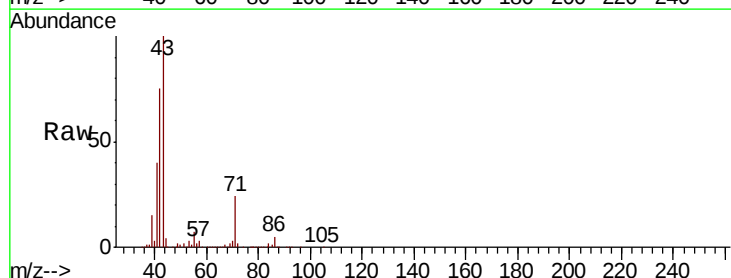
Instrument :
MSVOA_X
ClientSampleId :
B-8(11-11.5)

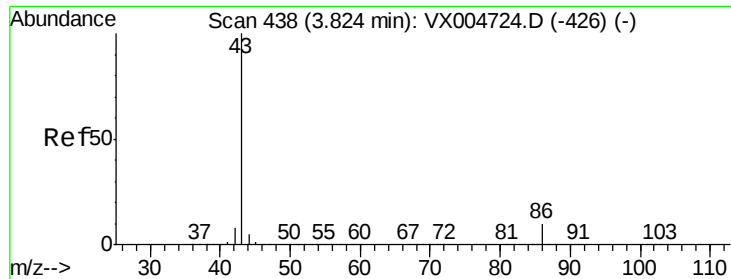
Tot Ion: 43 Resp: 372273
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 2.228 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion: 84 Resp: 9250
Ion Ratio Lower Upper
84 100
49 104.2 92.3 138.5
51 53.2 31.8 47.6#
86 202.7 48.5 72.7#





#23

Vinyl Acetate

Concen: 0.631 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.02 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

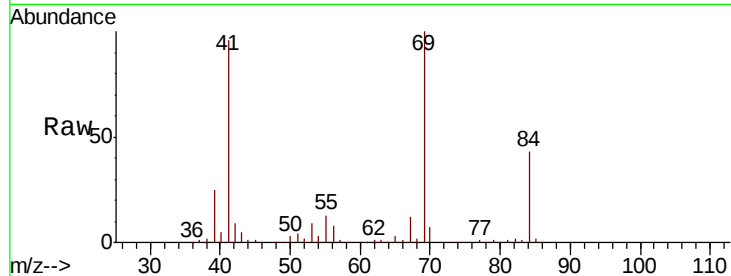
B-8(11-11.5)

Tot Ion: 43 Resp: 5792

Ion Ratio Lower Upper

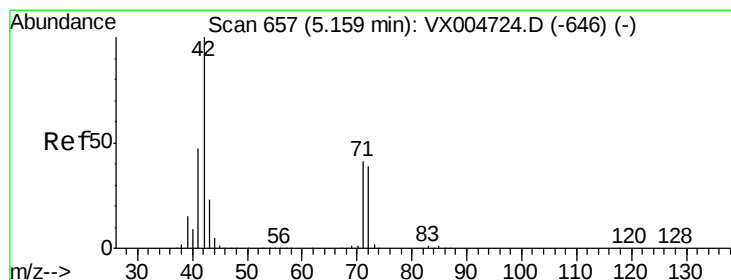
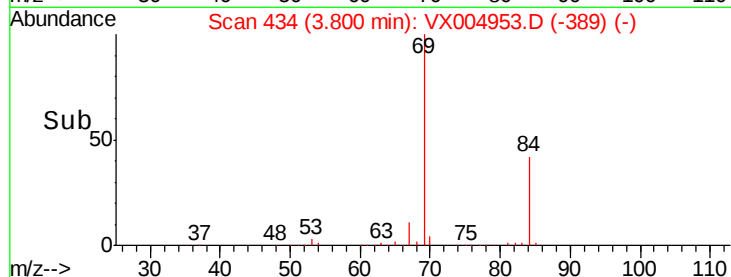
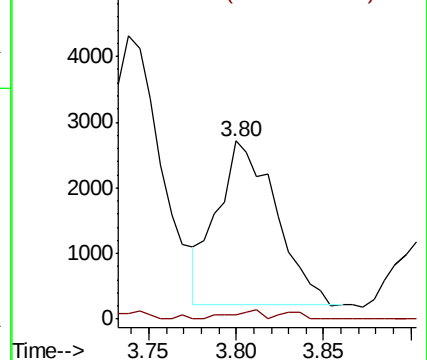
43 100

86 2.8 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#29

Tetrahydrofuran

Concen: 1.294 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.04 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

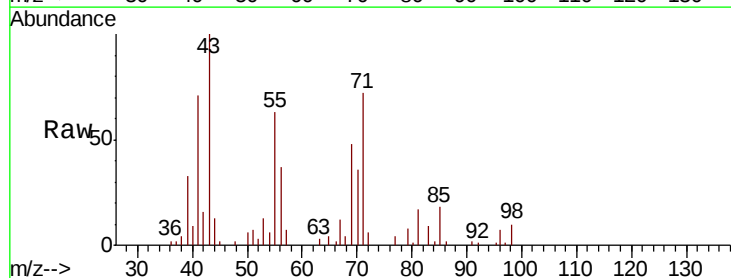
Tgt Ion: 42 Resp: 2489

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

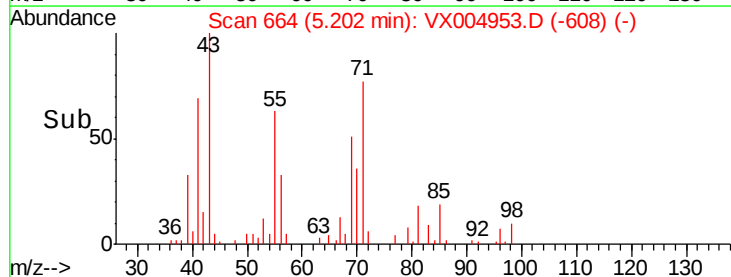
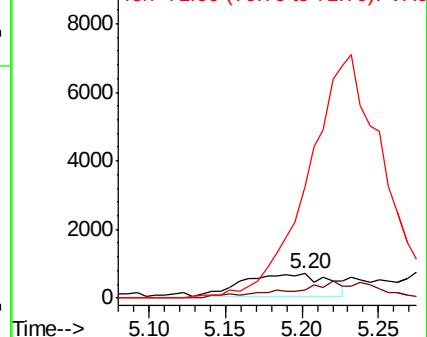
71 0.0 32.2 48.4#

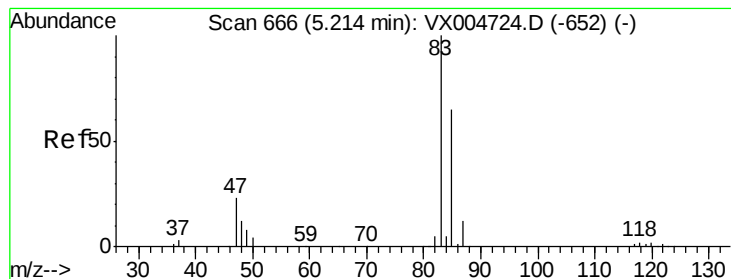


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 3.186 ug/l

RT: 5.26 min Scan# 674

Delta R.T. 0.05 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

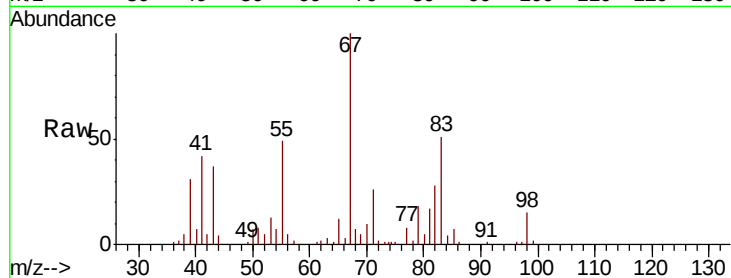
B-8(11-11.5)

Tot Ion: 83 Resp: 18005

Ion Ratio Lower Upper

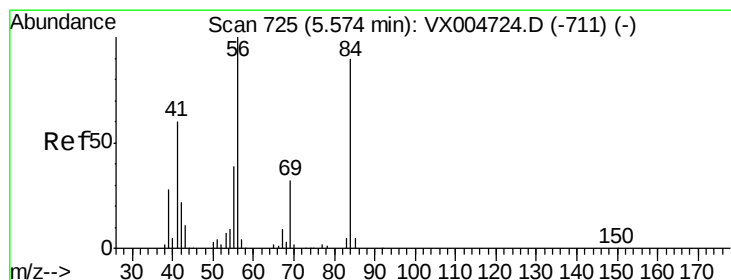
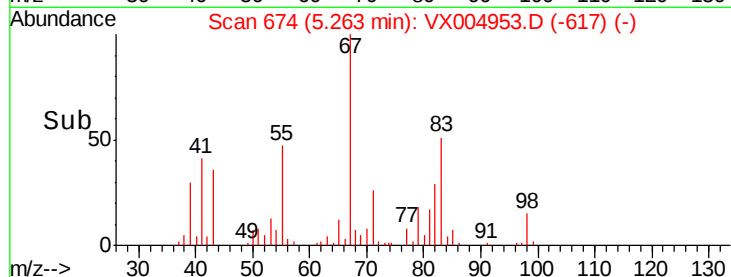
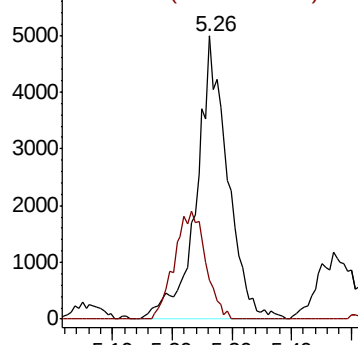
83 100

85 14.0 52.4 78.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#31

Cyclohexane

Concen: 43.958 ug/l

RT: 5.60 min Scan# 729

Delta R.T. 0.02 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

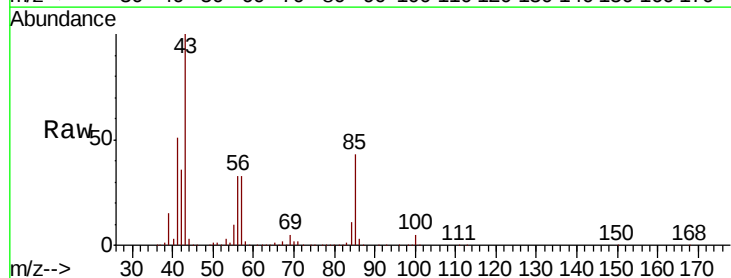
Tgt Ion: 56 Resp: 201177

Ion Ratio Lower Upper

56 100

69 9.7 25.9 38.9#

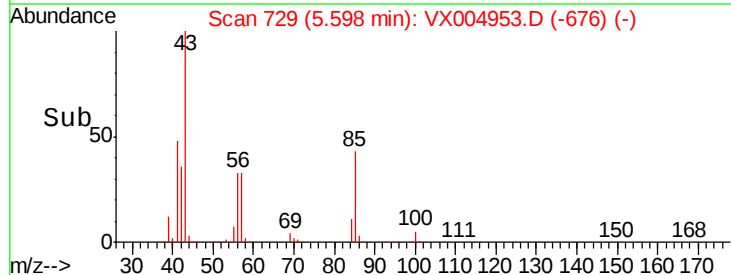
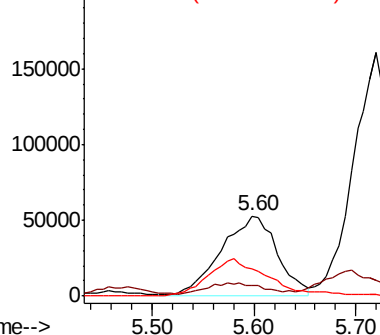
84 34.5 71.9 107.9#

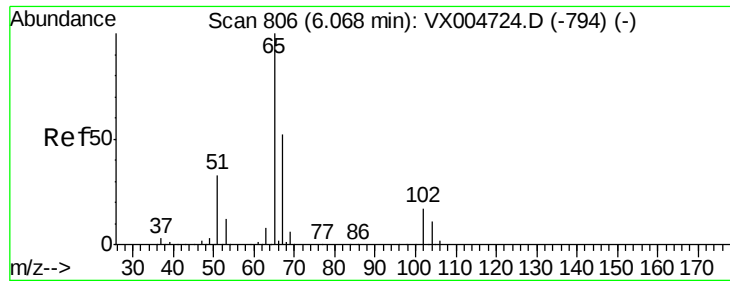


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

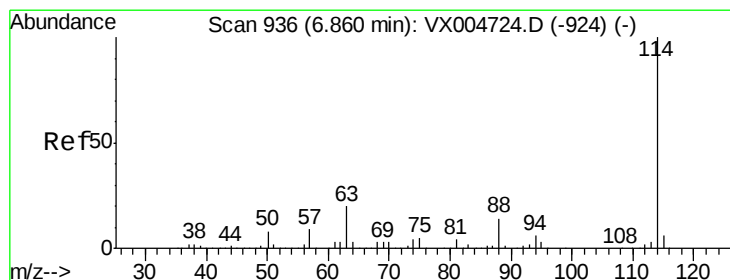
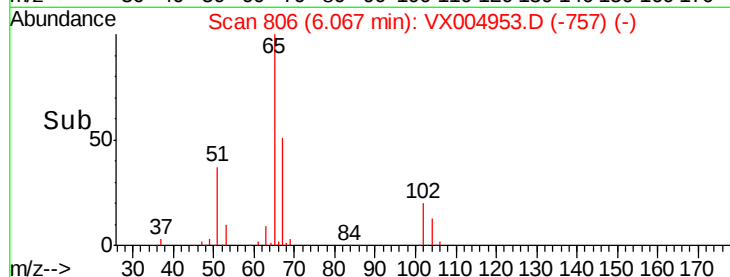
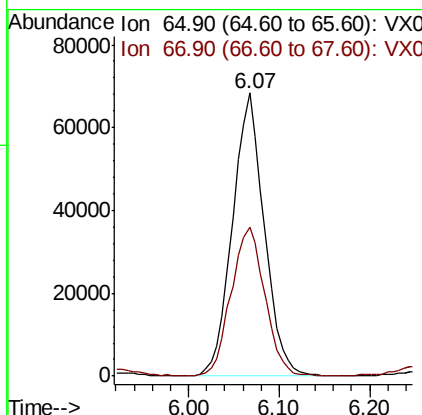
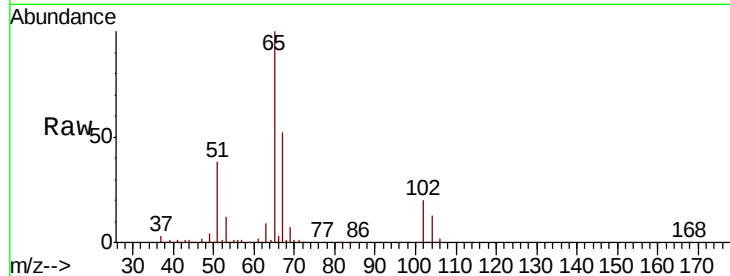




#33
 1,2-Dichloroethane-d4
 Concen: 46.037 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004953.D
 Acq: 03 Oct 2018 07:59

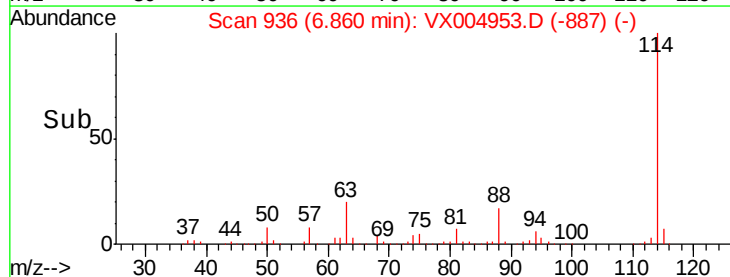
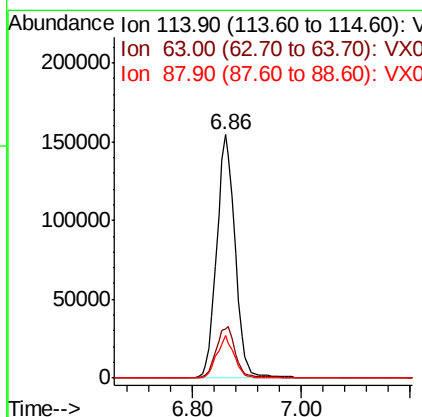
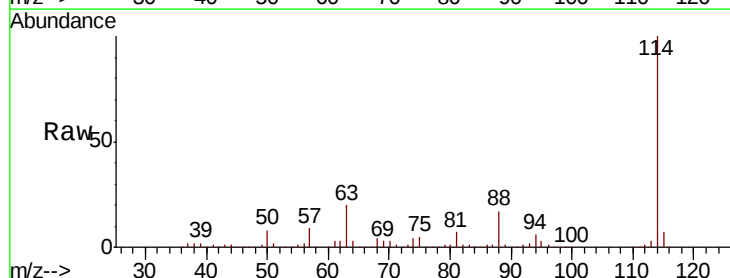
Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(11-11.5)

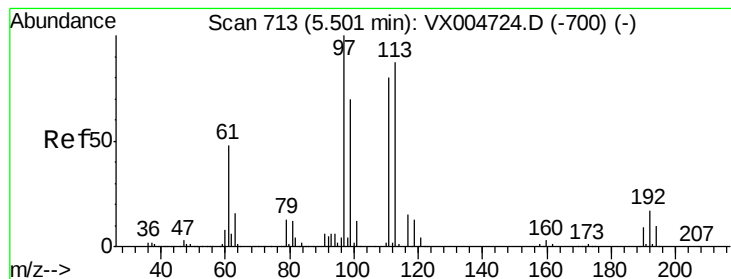
Tot Ion: 65 Resp: 165593
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004953.D
 Acq: 03 Oct 2018 07:59

Tgt Ion: 114 Resp: 363791
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 17.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.396 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

B-8(11-11.5)

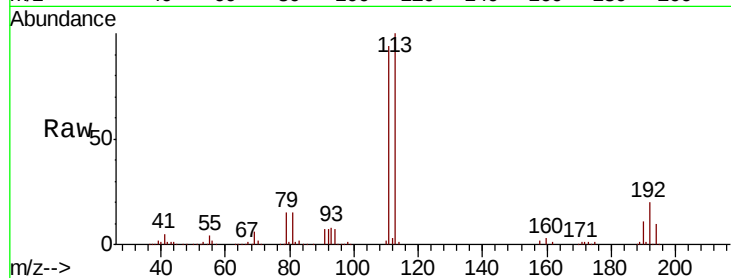
Tot Ion:113 Resp: 149212

Ion Ratio Lower Upper

113 100

111 102.5 77.0 115.4

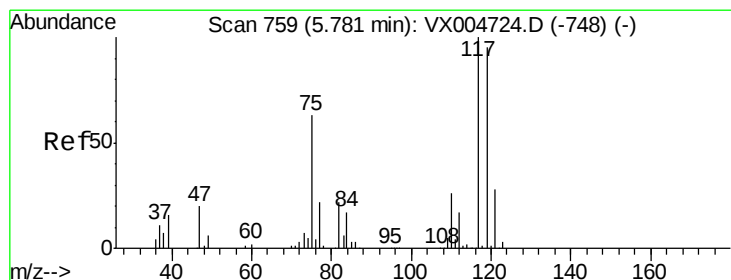
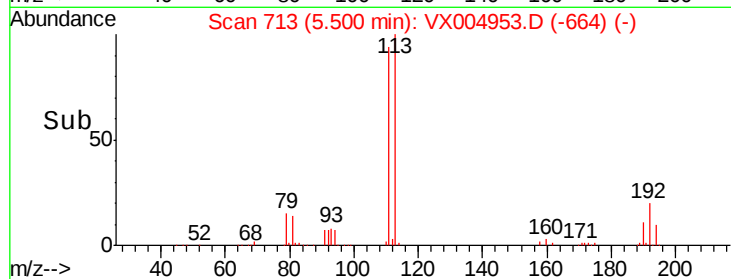
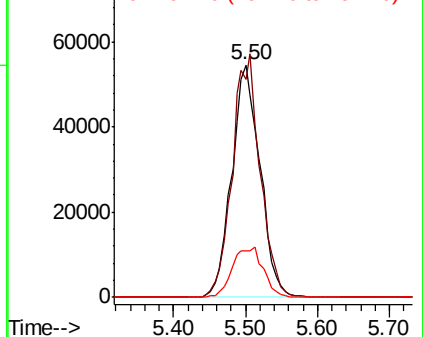
192 23.4 17.0 25.6



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



#38

Carbon Tetrachloride

Concen: 5.001 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

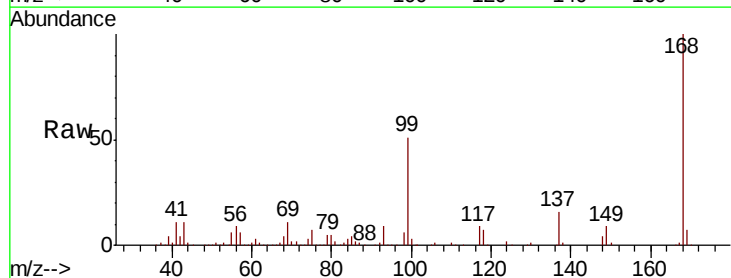
Tgt Ion:117 Resp: 22116

Ion Ratio Lower Upper

117 100

119 5.0 75.2 112.8#

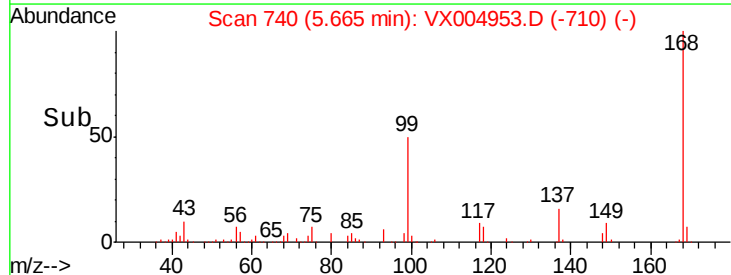
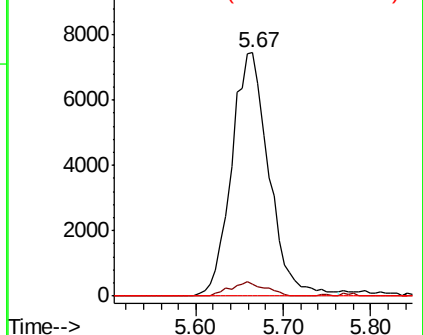
121 0.0 22.5 33.7#

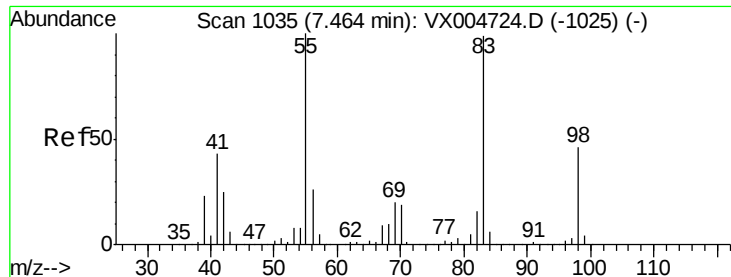


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

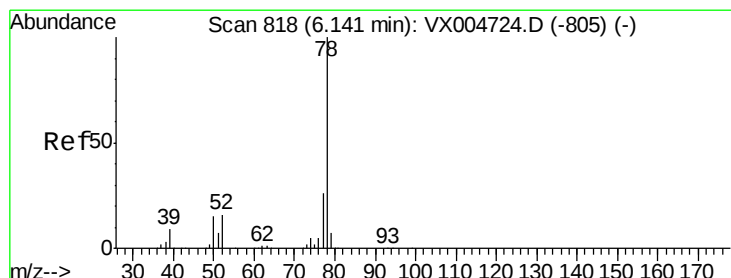
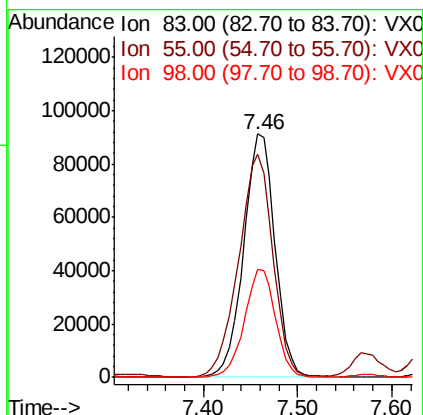
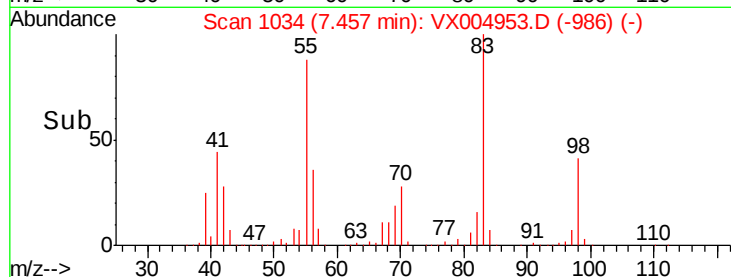
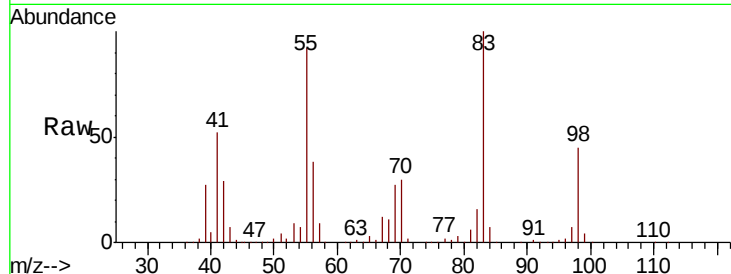




#39
Methvlcvclohexane
Concen: 49.763 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

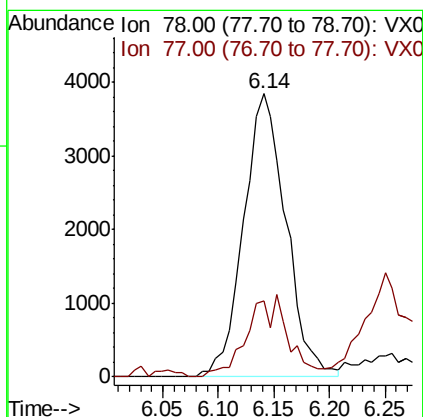
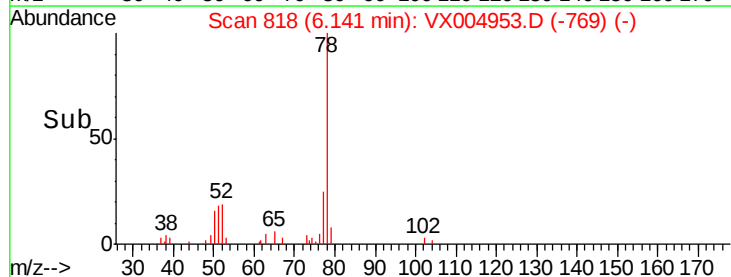
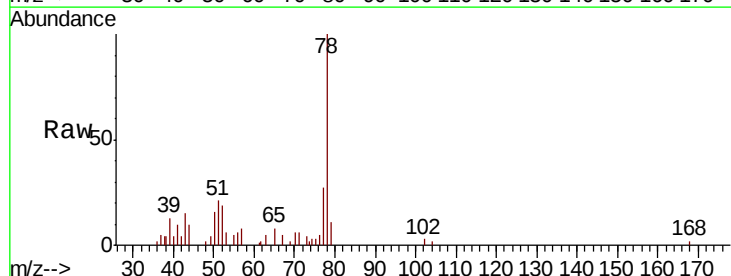
Instrument :
MSVOA_X
ClientSampled :
B-8(11-11.5)

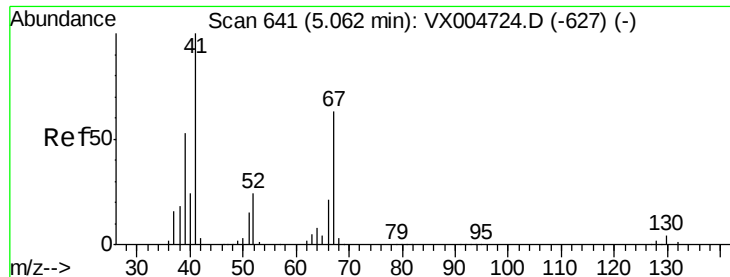
Tot Ion: 83 Resp: 213752
Ion Ratio Lower Upper
83 100
55 91.6 81.1 121.7
98 44.5 37.3 55.9



#40
Benzene
Concen: 0.774 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion: 78 Resp: 10193
Ion Ratio Lower Upper
78 100
77 26.7 21.0 31.4

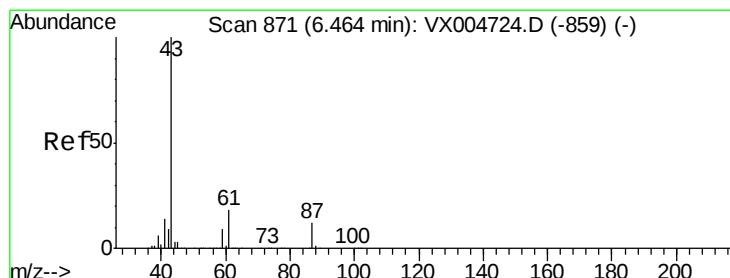
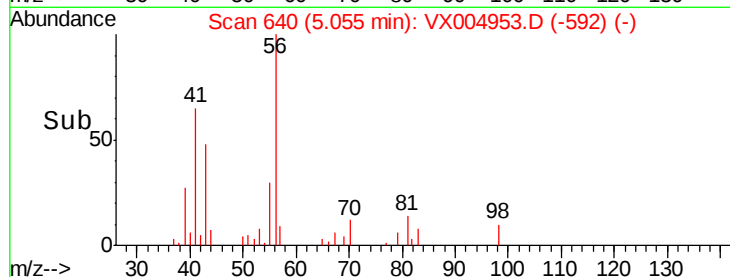
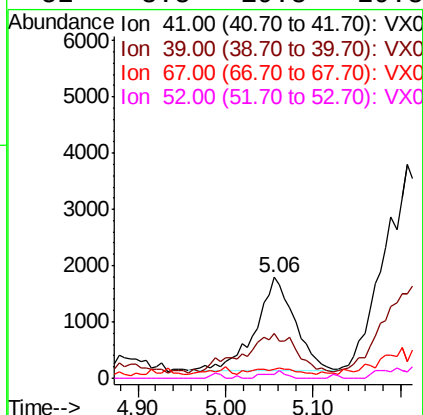
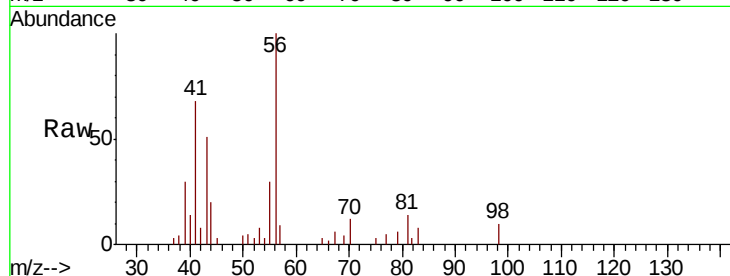




#41
Methacrylonitrile
Concen: 1.623 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

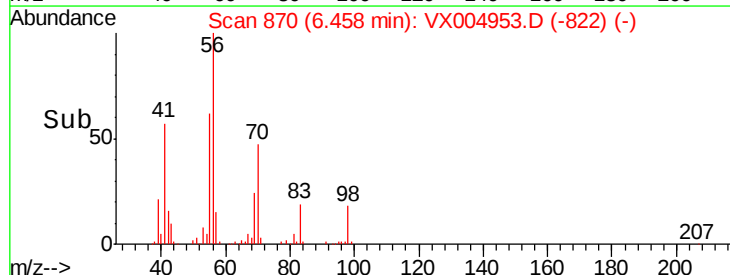
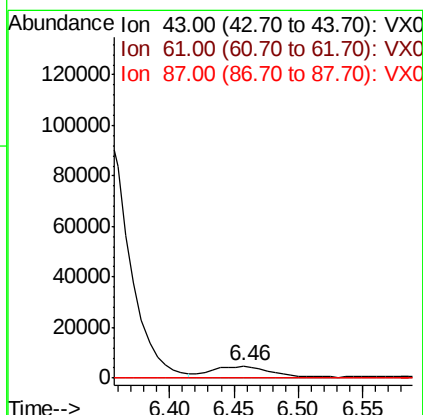
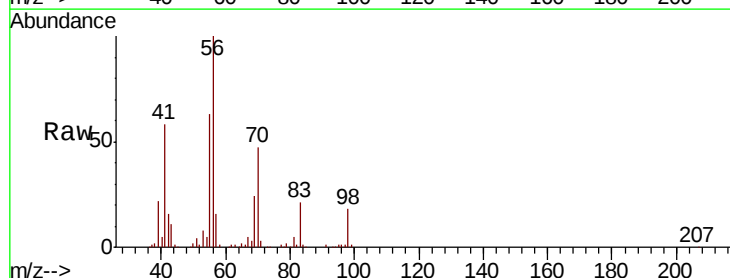
Instrument :
MSVOA_X
ClientSampleId :
B-8(11-11.5)

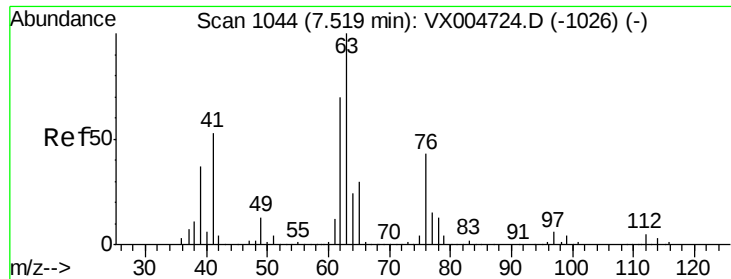
Tot Ion:	41	Resp:	5025
Ion	Ratio	Lower	Upper
41	100		
39	59.5	42.5	63.7
67	0.0	53.0	79.6#
52	3.8	19.8	29.8#



#43
Isopropyl Acetate
Concen: 1.667 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion:	43	Resp:	13433
Ion	Ratio	Lower	Upper
43	100		
61	1.9	14.2	21.4#
87	0.0	9.3	13.9#





#45

1,2-Dichloropropane

Concen: 0.207 ug/l

RT: 7.57 min Scan# 1052

Delta R.T. 0.05 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

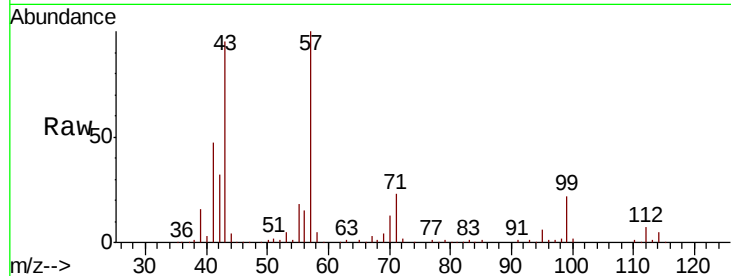
B-8(11-11.5)

Tot Ion: 63 Resp: 670

Ion Ratio Lower Upper

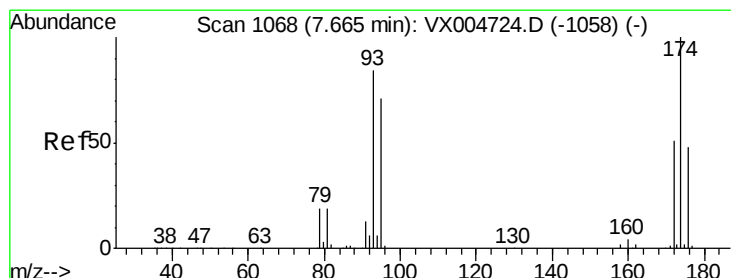
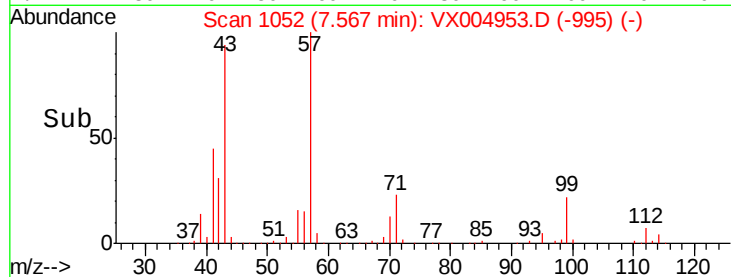
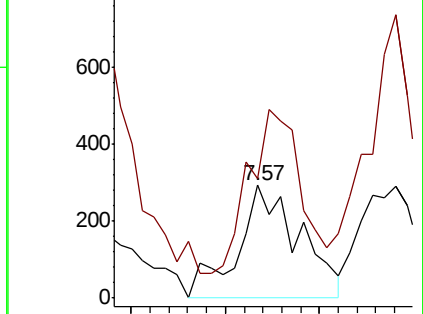
63 100

65 54.9 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.447 ug/l

RT: 7.65 min Scan# 1065

Delta R.T. -0.02 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

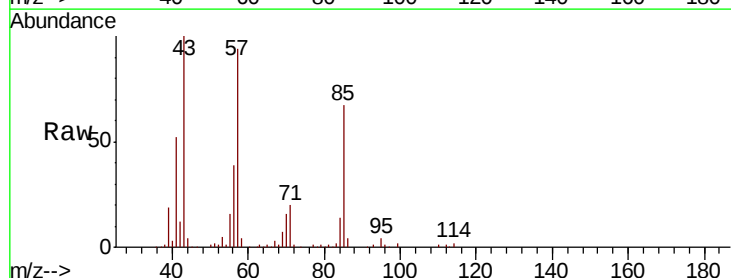
Tgt Ion: 93 Resp: 908

Ion Ratio Lower Upper

93 100

95 667.5 66.7 100.1#

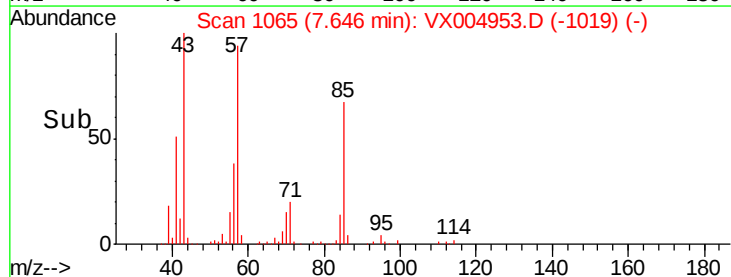
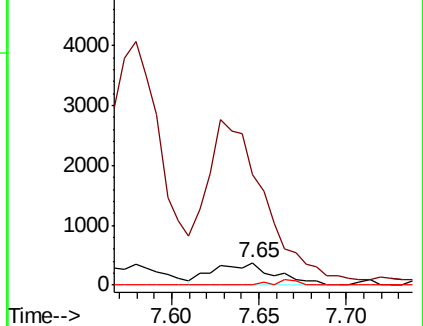
174 0.0 92.7 139.1#

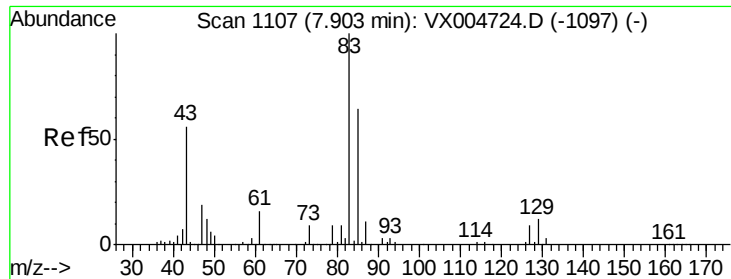


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.043 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.06 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

B-8(11-11.5)

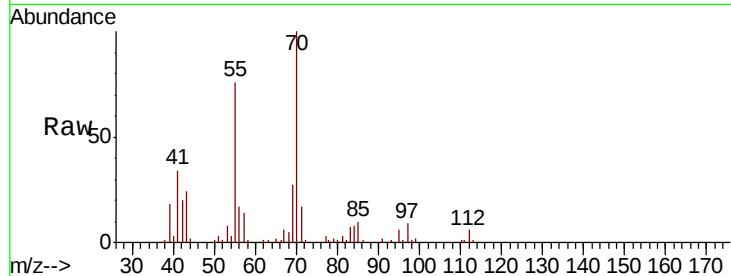
Tot Ion: 83 Resp: 3965

Ion Ratio Lower Upper

83 100

85 128.4 51.2 76.8#

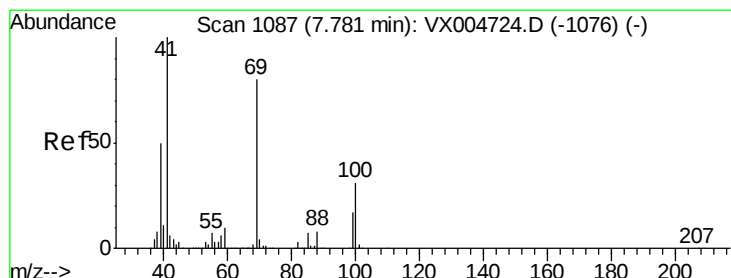
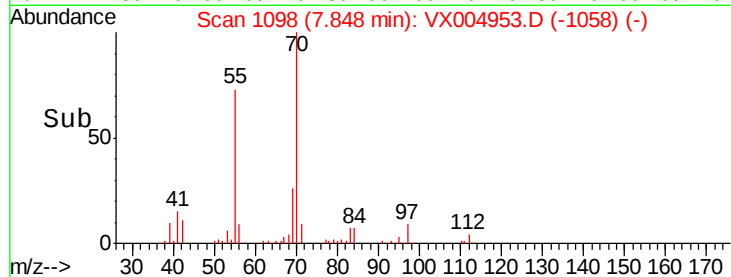
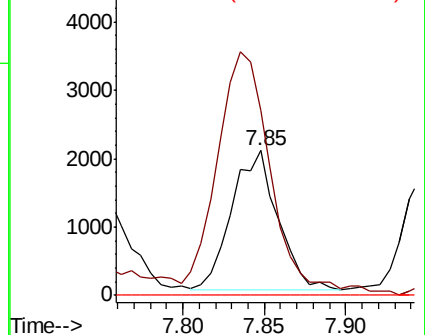
127 0.0 7.0 10.6#



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: 9.965 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.05 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

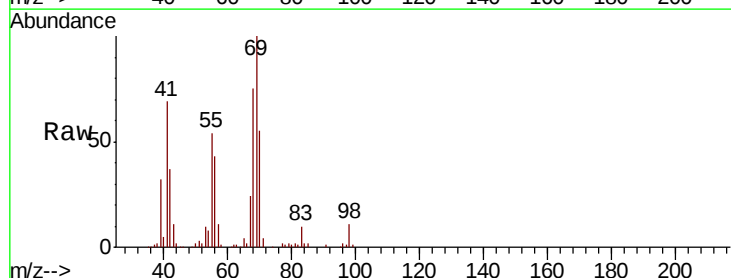
Tgt Ion: 41 Resp: 36451

Ion Ratio Lower Upper

41 100

69 142.8 63.8 95.6#

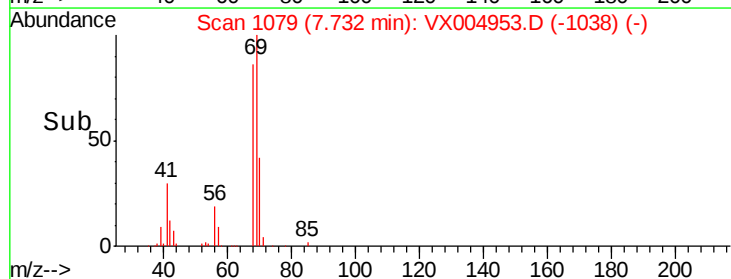
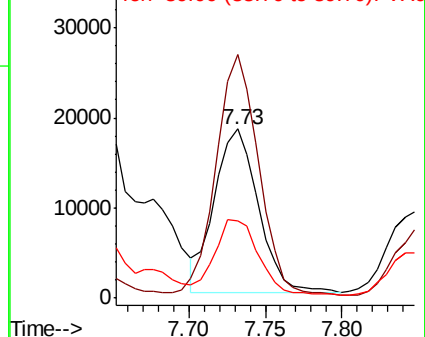
39 45.8 40.7 61.1

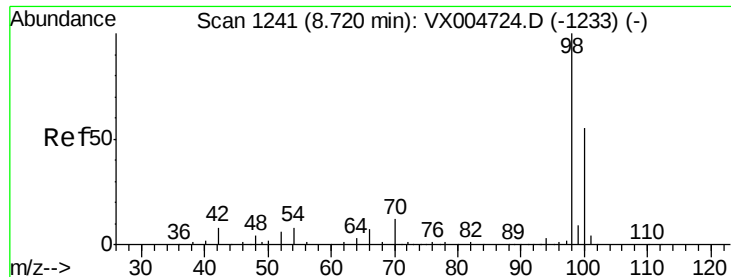


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 51.989 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

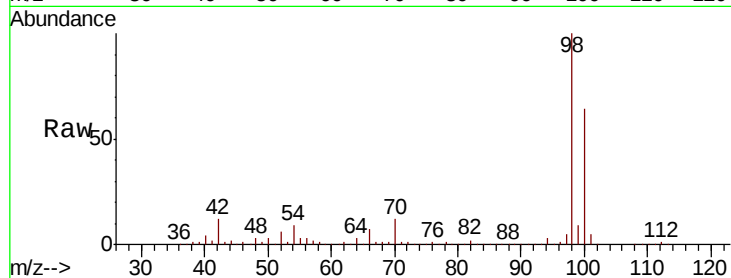
B-8(11-11.5)

Tot Ion: 98 Resp: 532882

Ion Ratio Lower Upper

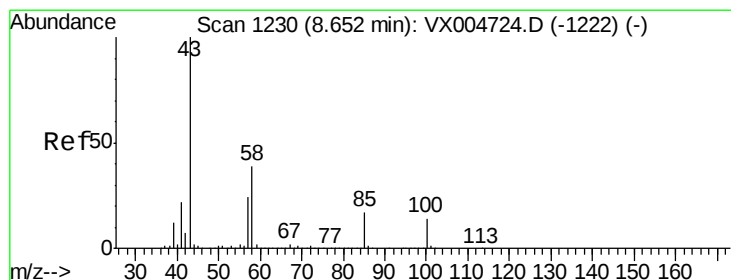
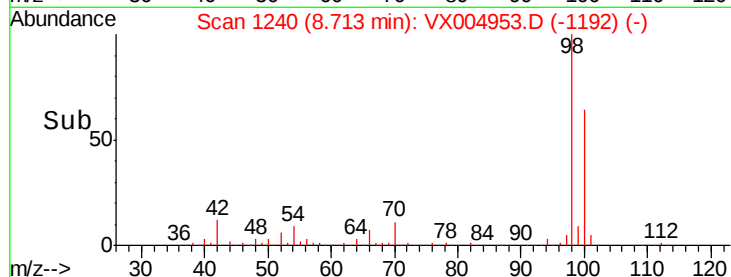
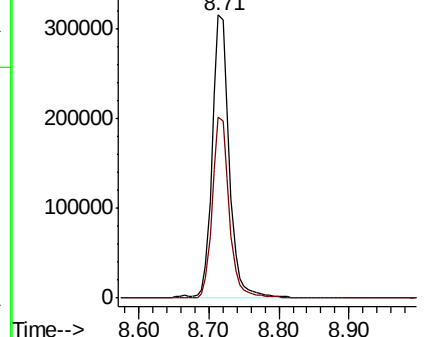
98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 8.749 ug/l

RT: 8.68 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VX004953.D

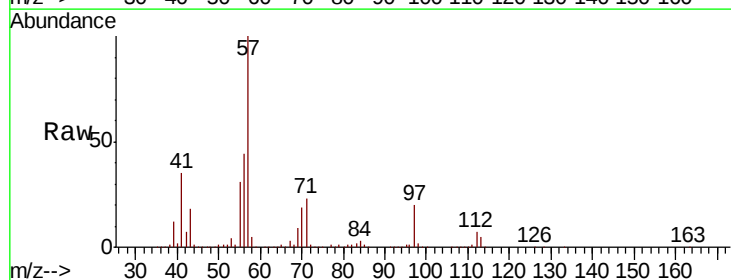
Acq: 03 Oct 2018 07:59

Tgt Ion: 43 Resp: 44398

Ion Ratio Lower Upper

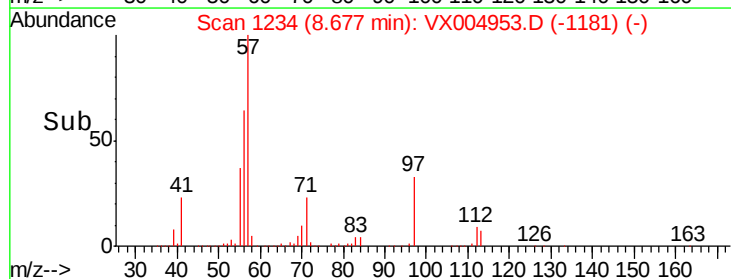
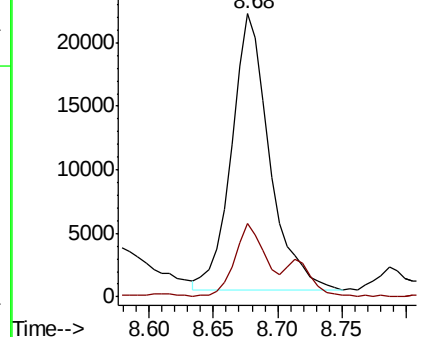
43 100

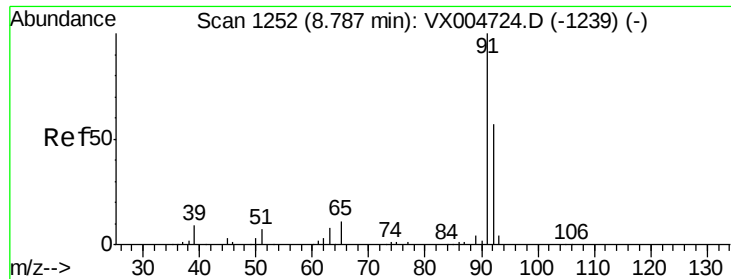
58 21.5 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 24.783 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

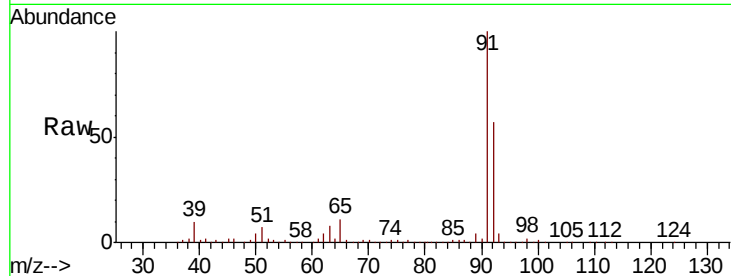
B-8(11-11.5)

Tot Ion: 92 Resp: 179339

Ion Ratio Lower Upper

92 100

91 173.7 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

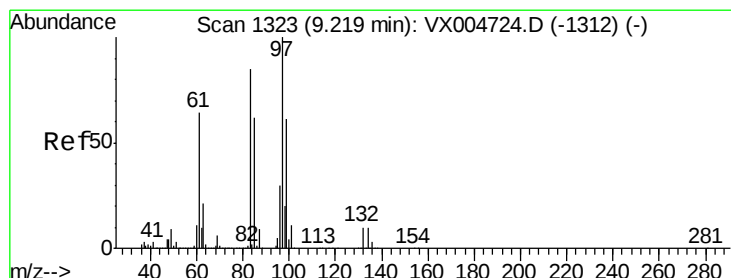
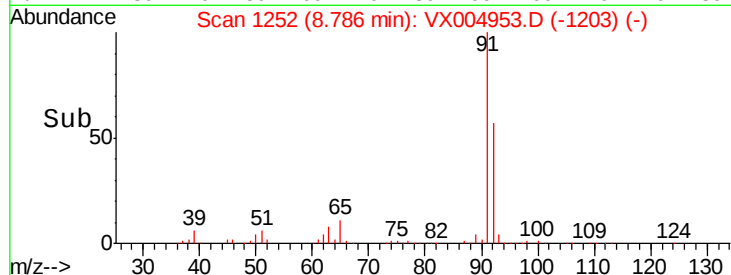
50000

0

8.79

8.70 8.80 8.90 9.00

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.731 ug/l

RT: 9.27 min Scan# 1331

Delta R.T. 0.05 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Tgt Ion: 97 Resp: 2316

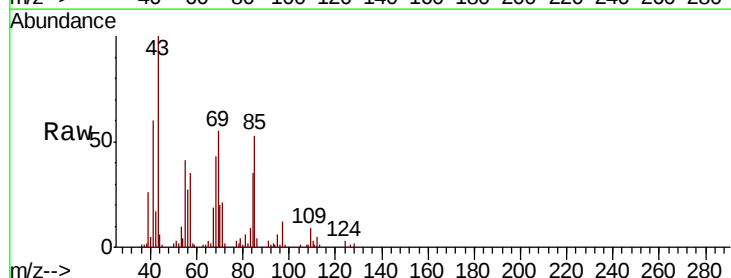
Ion Ratio Lower Upper

97 100

83 66.2 68.2 102.2#

85 445.9 49.9 74.9#

99 0.0 48.9 73.3#



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

10000

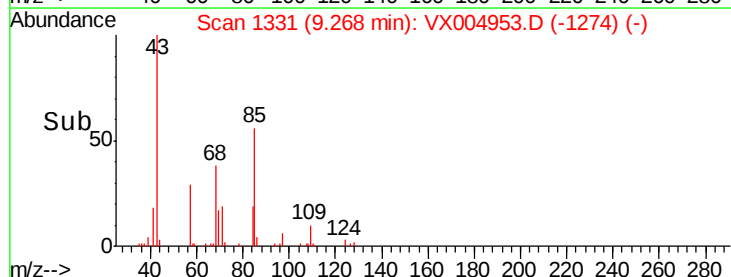
5000

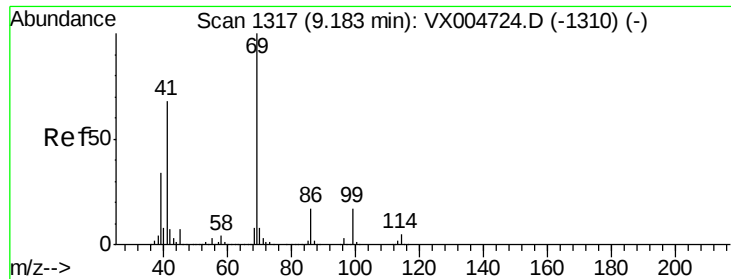
0

9.27

9.25 9.30

Time-->





#56

Ethyl methacrylate

Concen: 4.880 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

B-8(11-11.5)

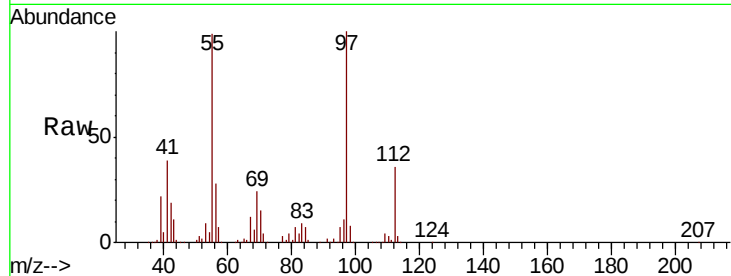
Tot Ion: 69 Resp: 11011

Ion Ratio Lower Upper

69 100

41 224.0 56.9 85.3#

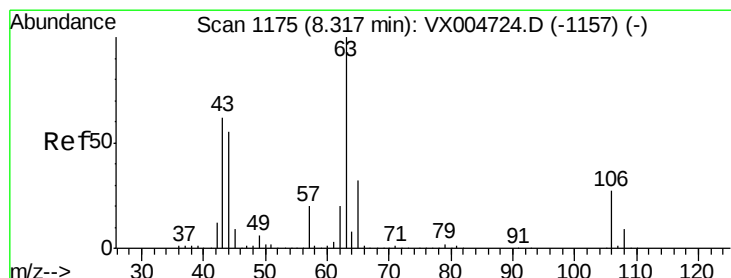
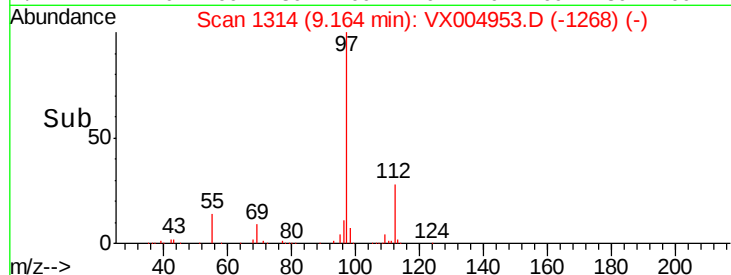
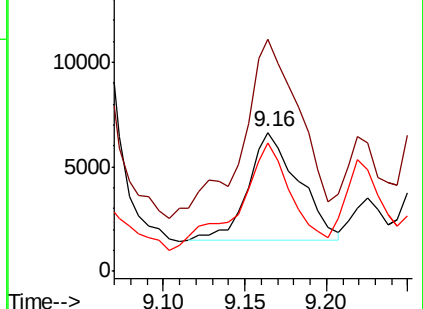
39 107.6 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.295 ug/l

RT: 8.34 min Scan# 1178

Delta R.T. 0.02 min

Lab File: VX004953.D

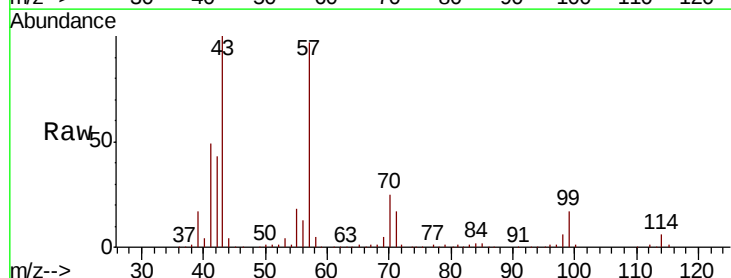
Acq: 03 Oct 2018 07:59

Tgt Ion: 63 Resp: 153

Ion Ratio Lower Upper

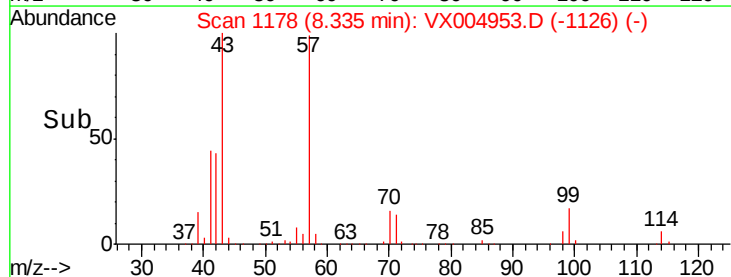
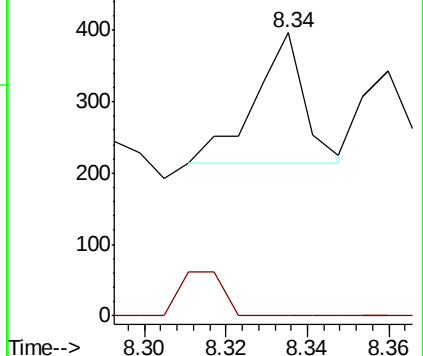
63 100

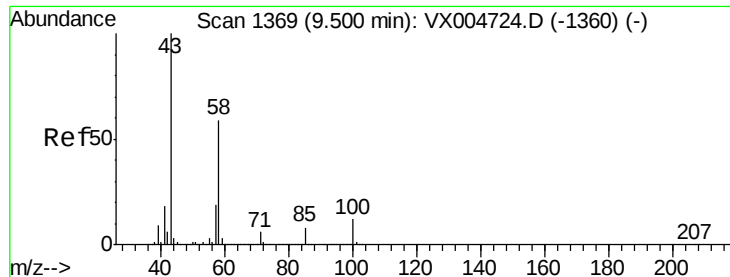
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

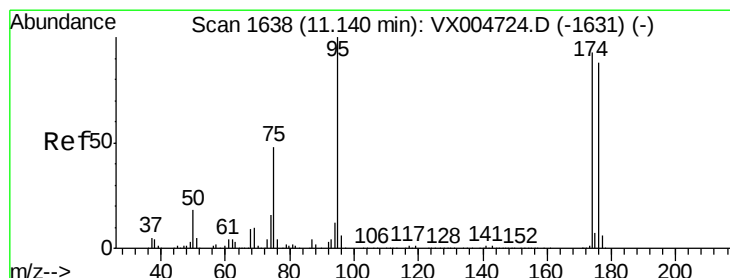
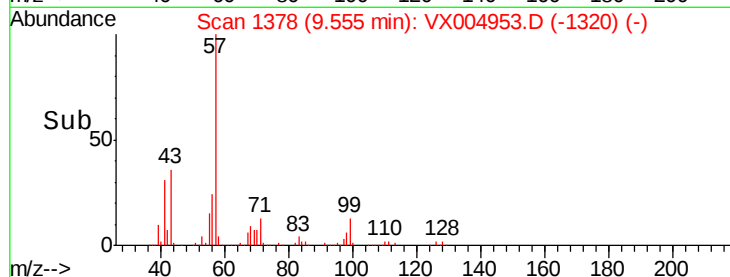
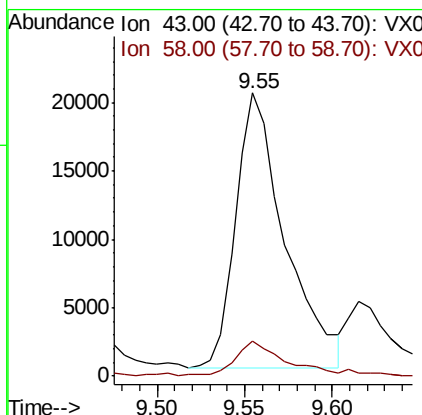
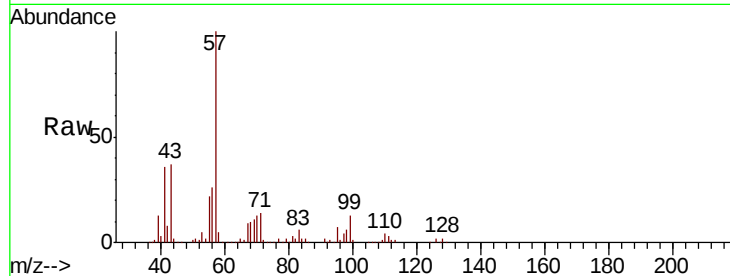




#59
2-Hexanone
Concen: 9.308 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

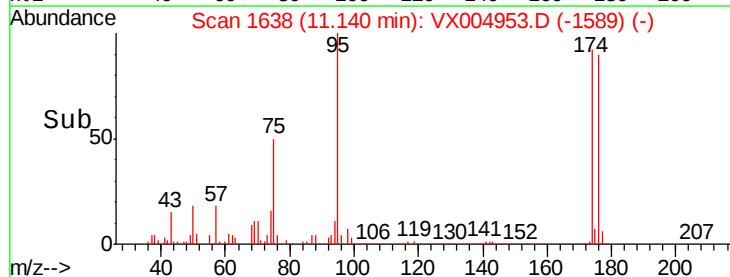
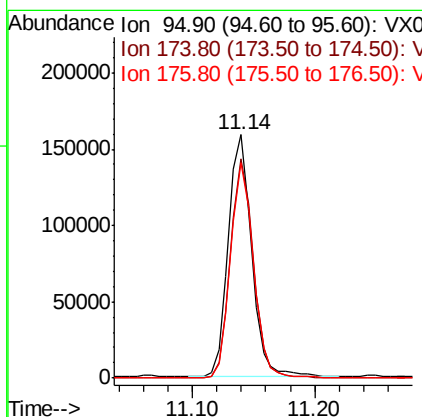
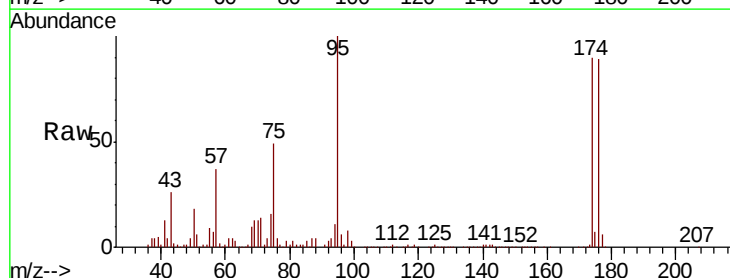
Instrument :
MSVOA_X
ClientSampleId :
B-8(11-11.5)

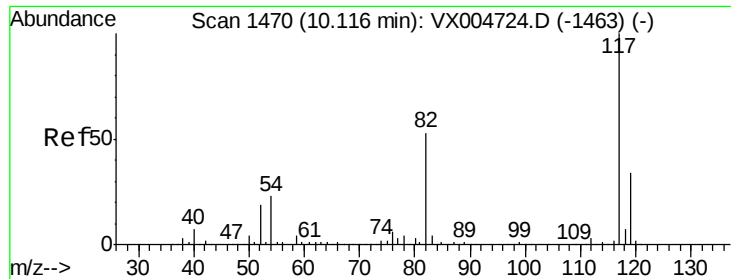
Tot Ion: 43 Resp: 39361
Ion Ratio Lower Upper
43 100
58 11.7 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 56.976 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion: 95 Resp: 210392
Ion Ratio Lower Upper
95 100
174 89.0 0.0 185.0
176 87.0 0.0 180.2

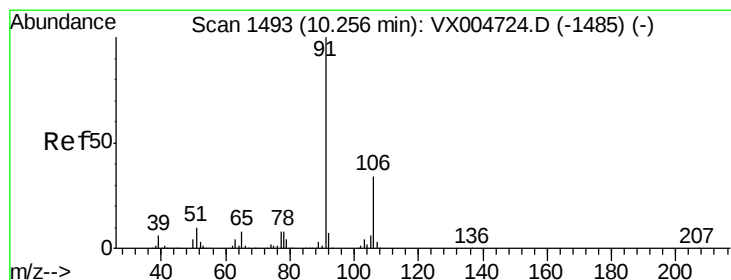
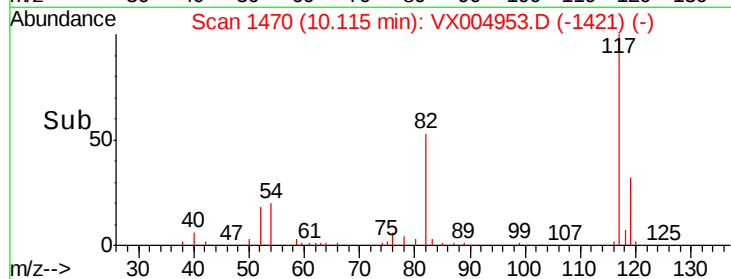
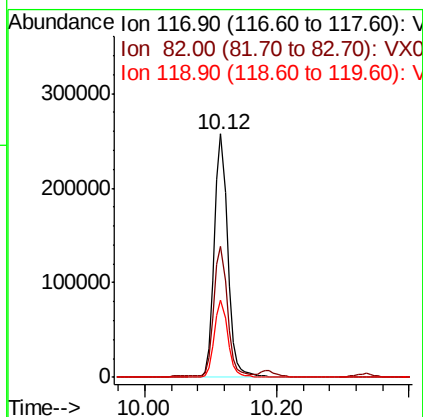
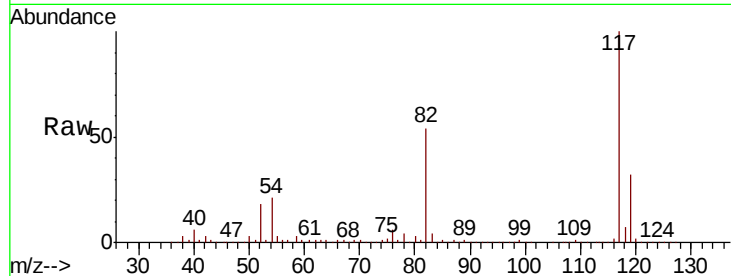




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

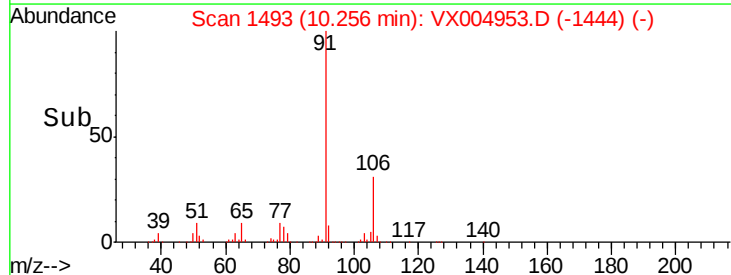
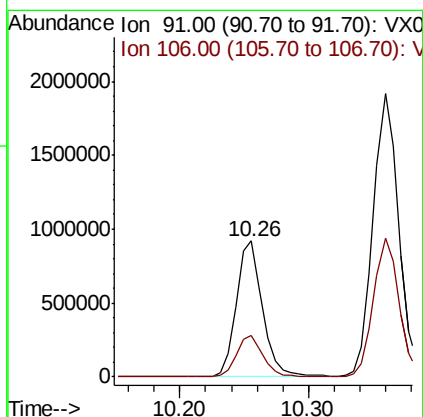
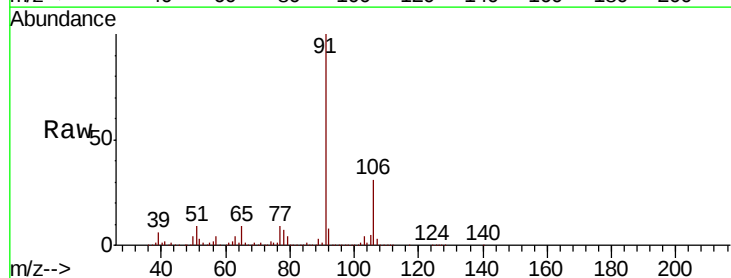
Instrument :
MSVOA_X
ClientSampleId :
B-8(11-11.5)

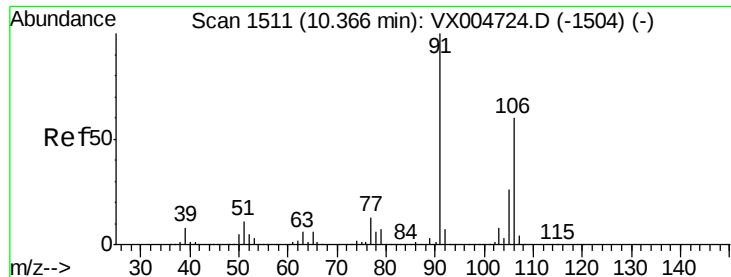
Tot Ion:117 Resp: 358821
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 31.8 27.4 41.0



#67
Ethyl Benzene
Concen: 89.230 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion: 91 Resp: 1303476
Ion Ratio Lower Upper
91 100
106 30.9 26.9 40.3

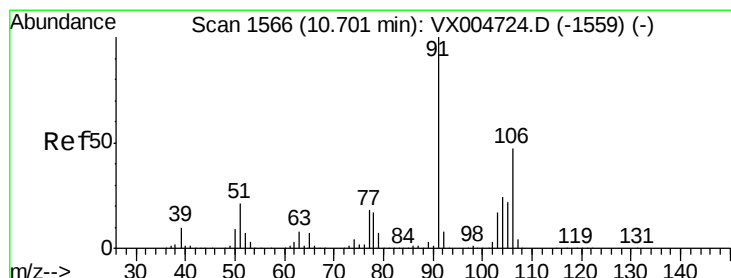
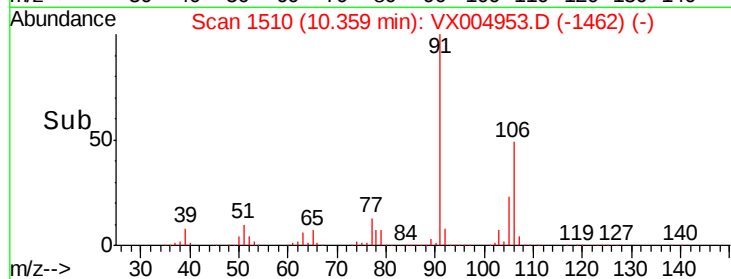
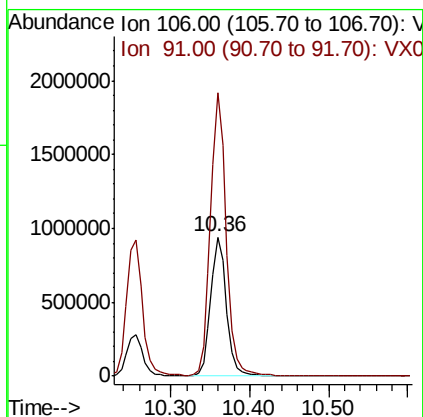
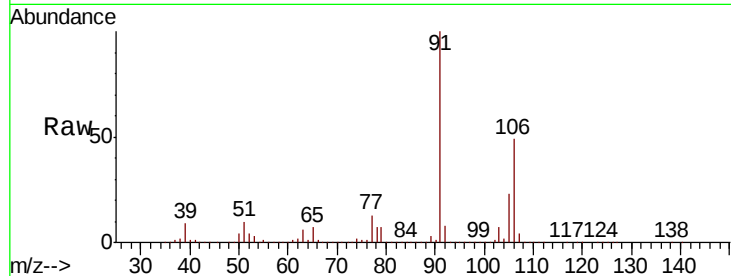




#68
m/p-Xvlenes
Concen: 230.297 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

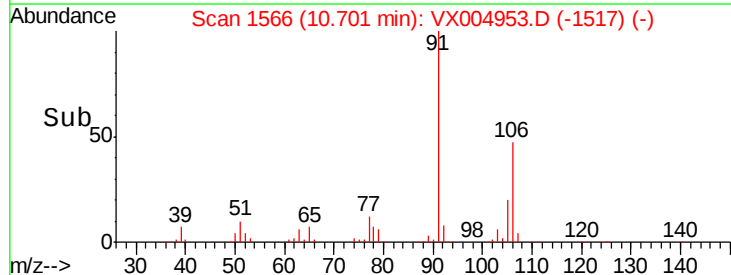
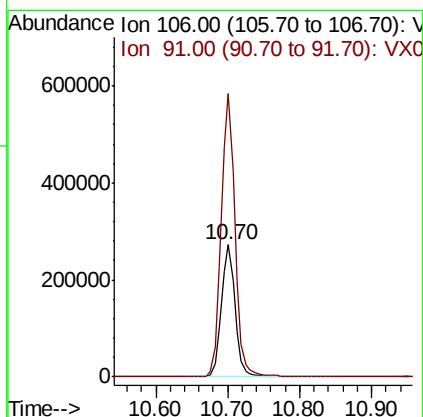
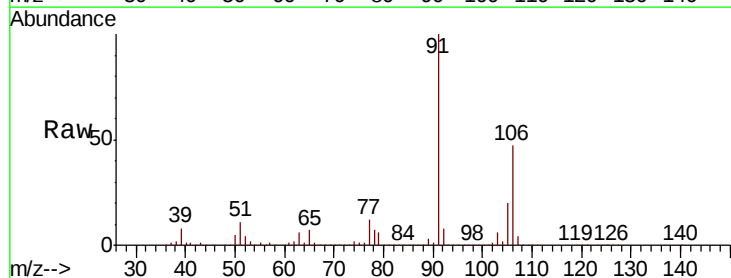
Instrument :
MSVOA_X
ClientSampled :
B-8(11-11.5)

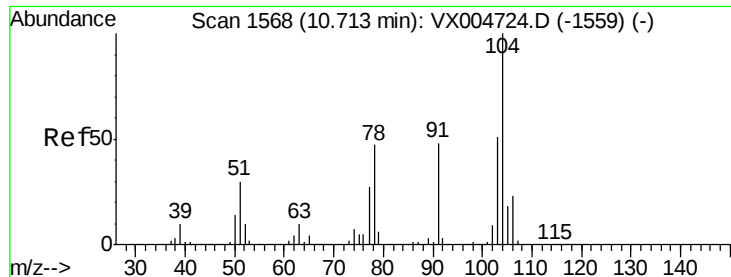
Tot Ion:106 Resp: 1314626
Ion Ratio Lower Upper
106 100
91 203.3 157.5 236.3



#69
o-Xylene
Concen: 68.318 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion:106 Resp: 358201
Ion Ratio Lower Upper
106 100
91 215.4 108.3 324.8

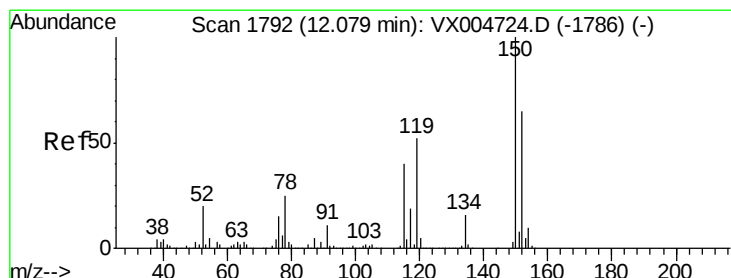
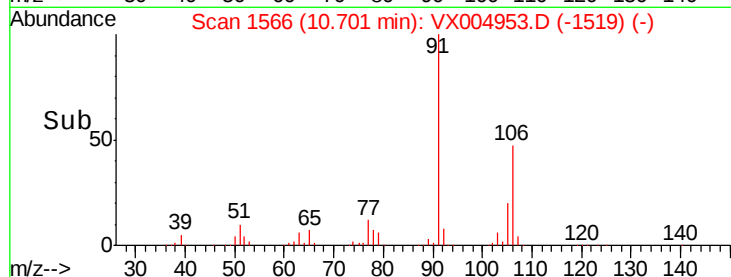
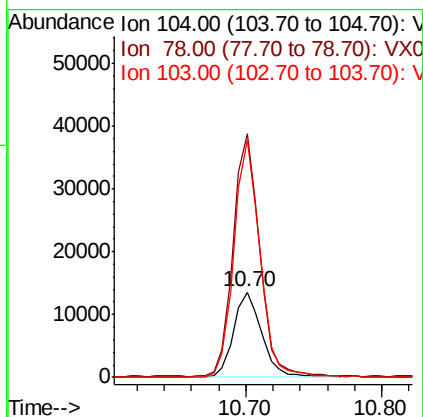
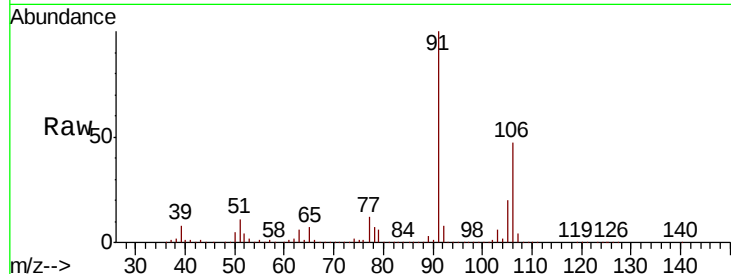




#70
Stvrene
Concen: 4.071 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

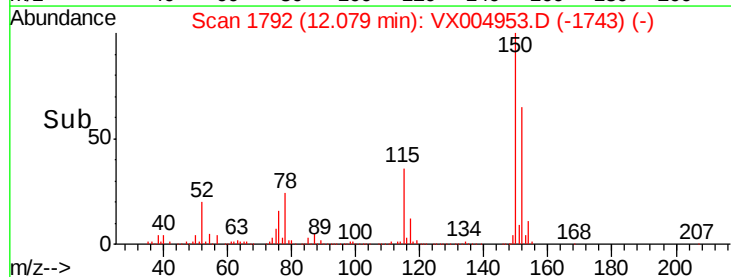
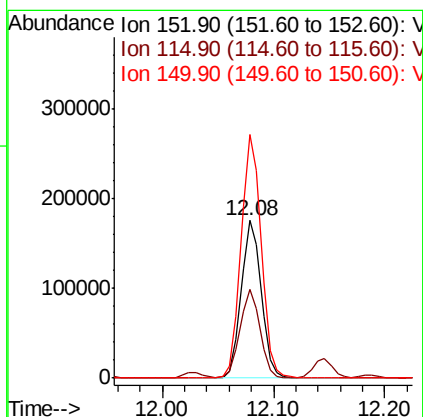
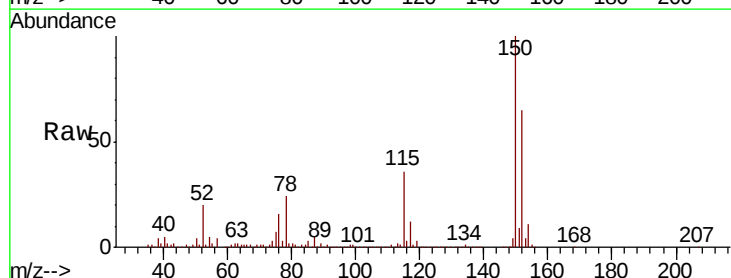
Instrument :
MSVOA_X
ClientSampled :
B-8(11-11.5)

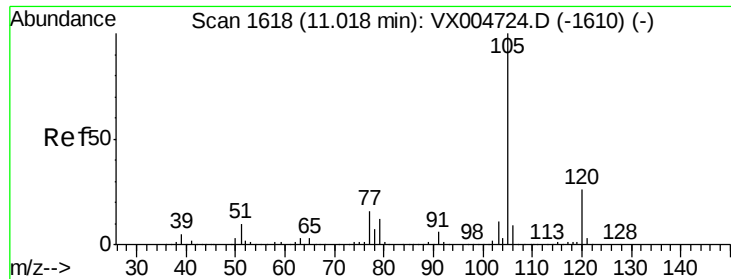
Tot Ion:104 Resp: 19782
Ion Ratio Lower Upper
104 100
78 265.6 40.0 60.0#
103 257.3 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion:152 Resp: 218042
Ion Ratio Lower Upper
152 100
115 56.4 40.2 120.6
150 155.8 0.0 351.0





#73

Isopropylbenzene

Concen: 12.494 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

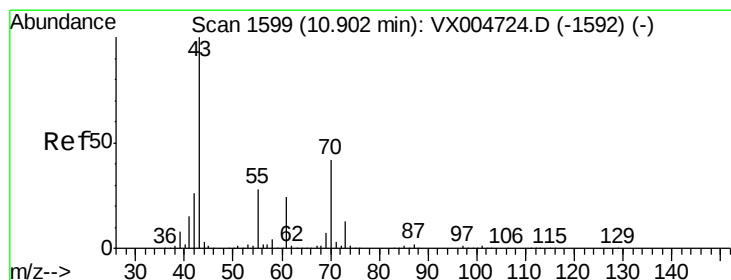
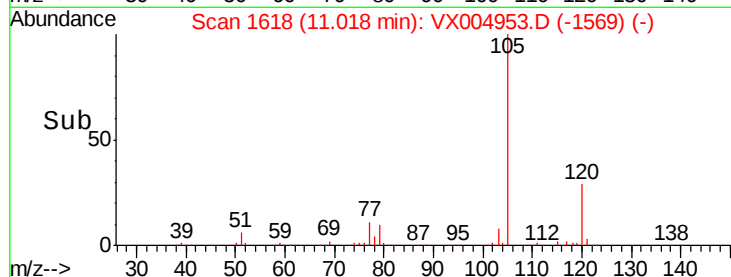
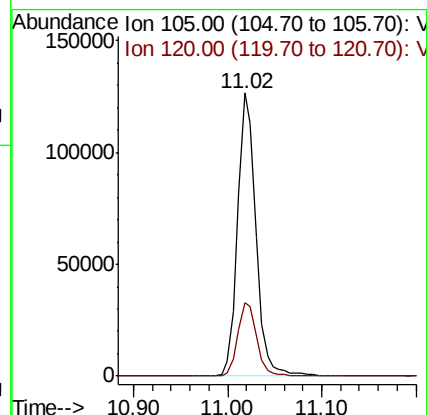
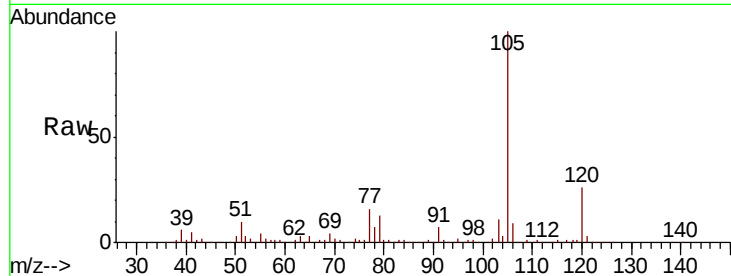
B-8(11-11.5)

Tot Ion:105 Resp: 171717

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 3.670 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Tgt Ion: 43 Resp: 15044

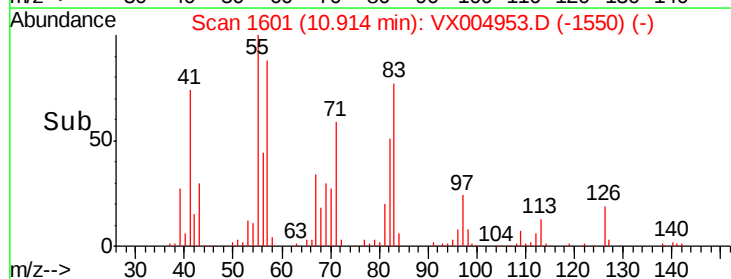
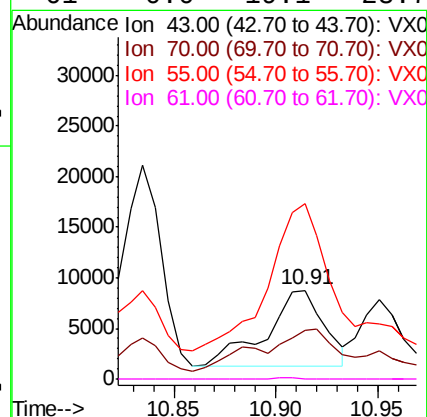
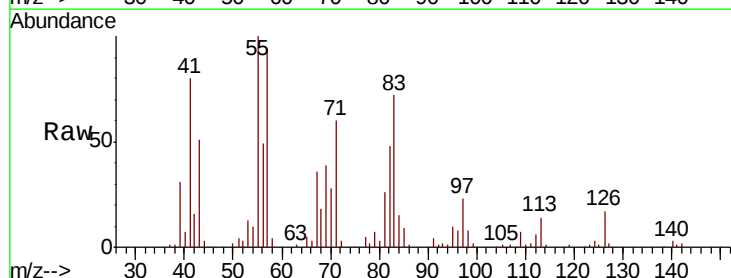
Ion Ratio Lower Upper

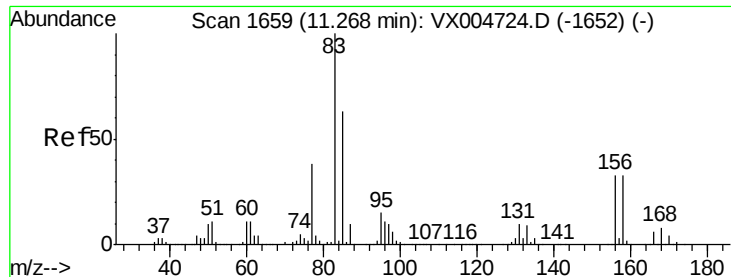
43 100

70 72.0 32.6 48.8#

55 231.8 21.6 32.4#

61 0.0 19.1 28.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.587 ug/l

RT: 11.24 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

B-8(11-11.5)

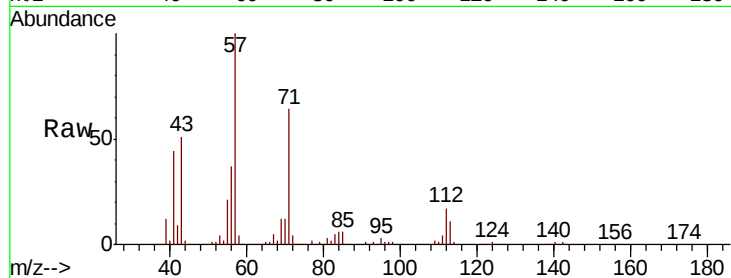
Tot Ion: 83 Resp: 3285

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

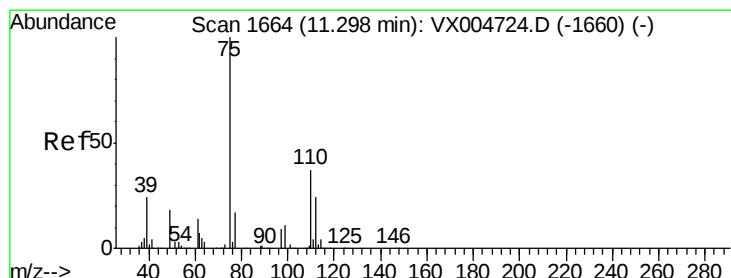
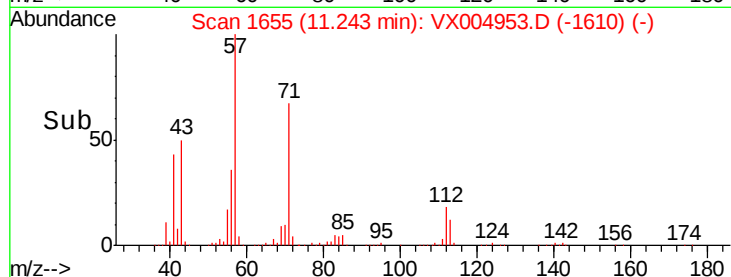
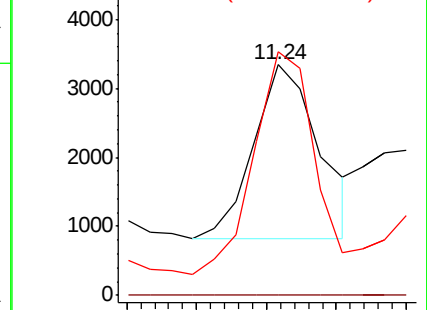
85 121.5 31.9 95.9#



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: 0.994 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX004953.D

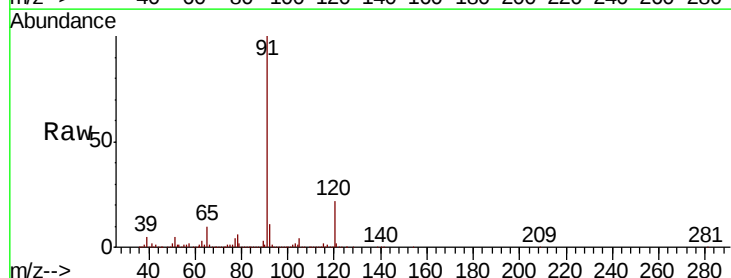
Acq: 03 Oct 2018 07:59

Tgt Ion: 75 Resp: 4858

Ion Ratio Lower Upper

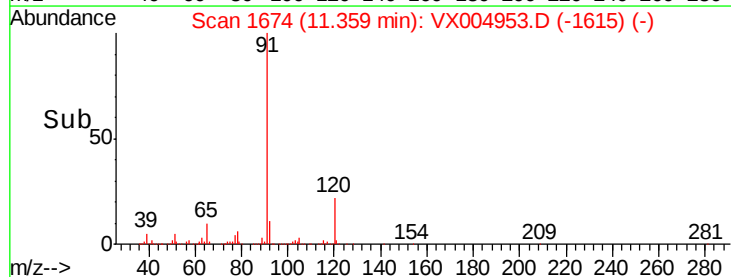
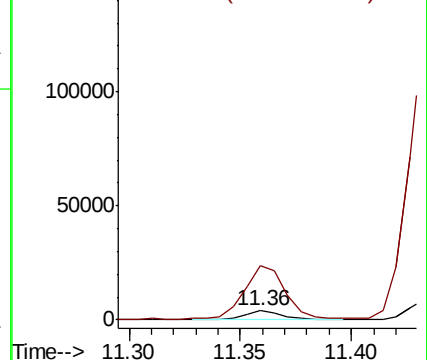
75 100

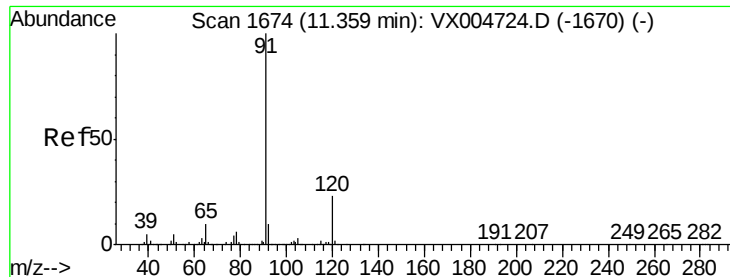
77 625.7 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 49.685 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

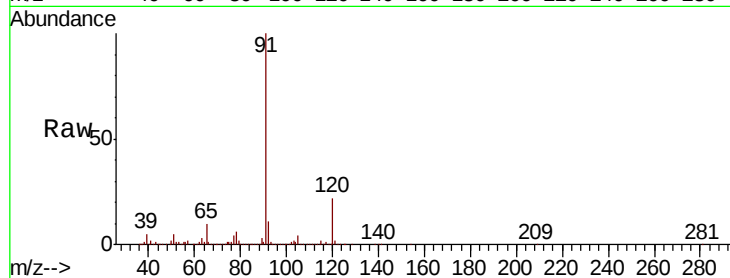
B-8(11-11.5)

Tot Ion: 91 Resp: 783476

Ion Ratio Lower Upper

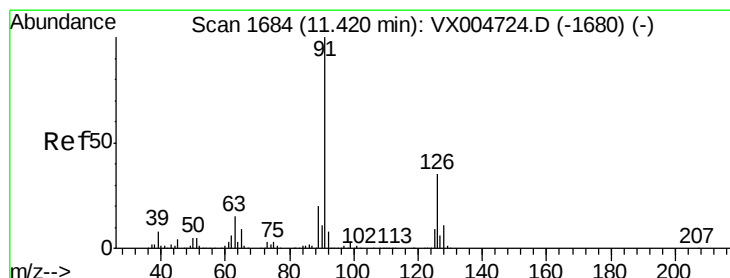
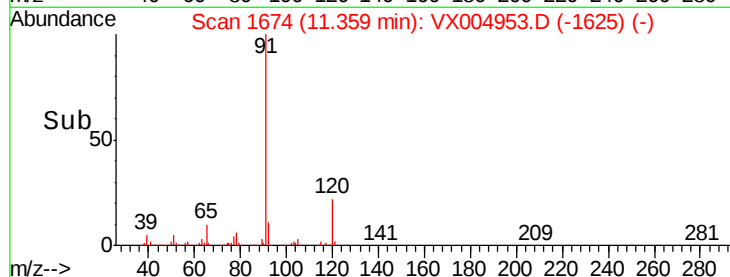
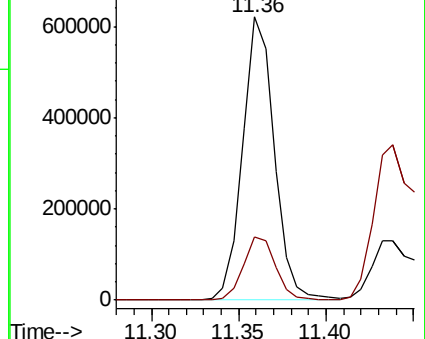
91 100

120 22.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 27.245 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX004953.D

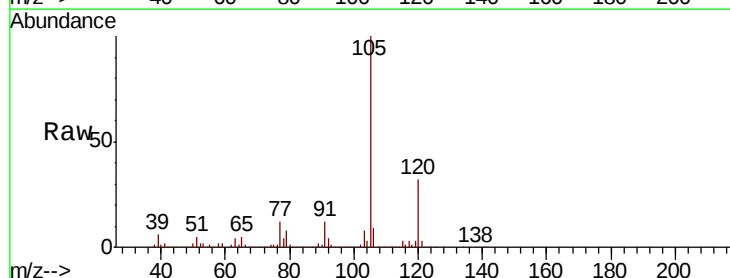
Acq: 03 Oct 2018 07:59

Tgt Ion: 91 Resp: 267796

Ion Ratio Lower Upper

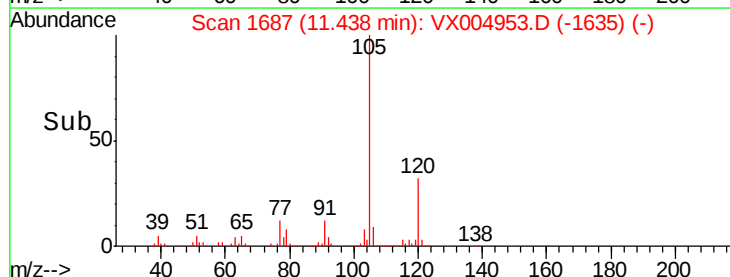
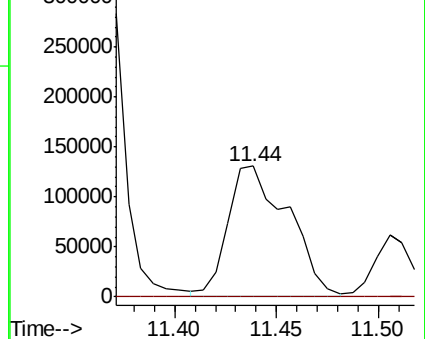
91 100

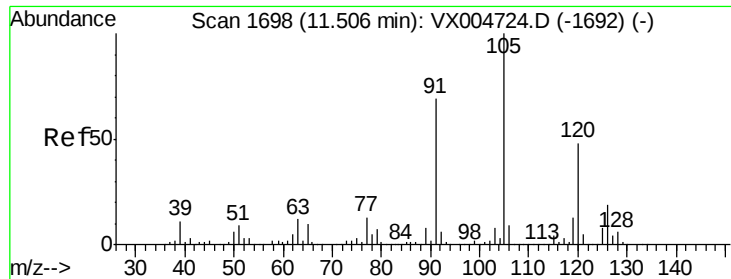
126 0.3 17.6 52.9#



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: 59.361 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

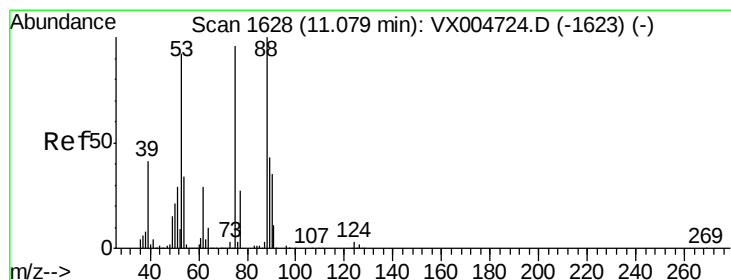
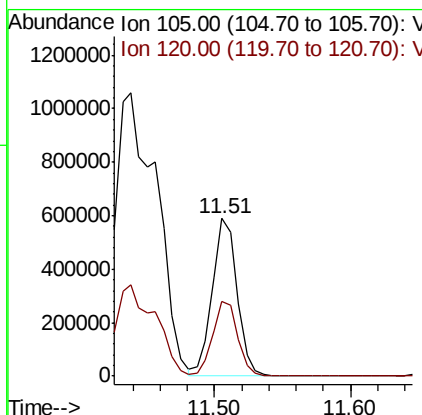
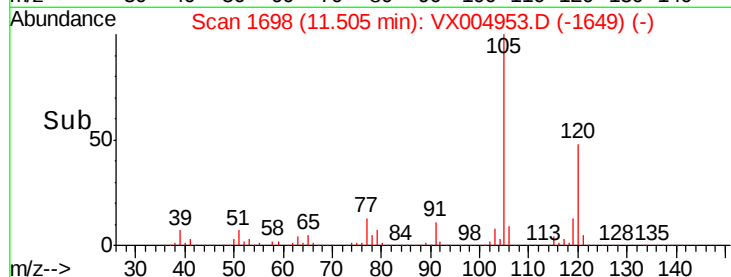
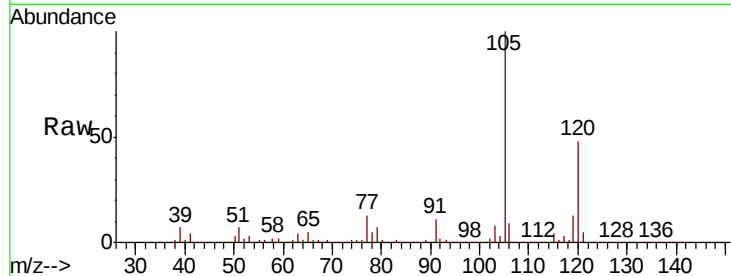
B-8(11-11.5)

Tot Ion:105 Resp: 747266

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 56.978 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

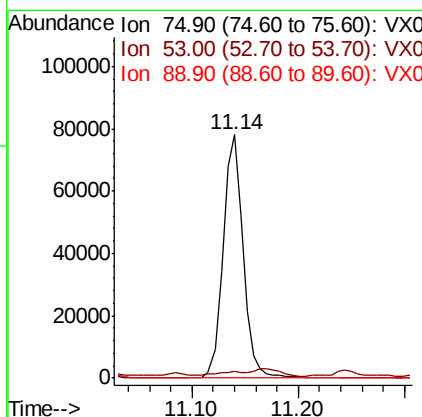
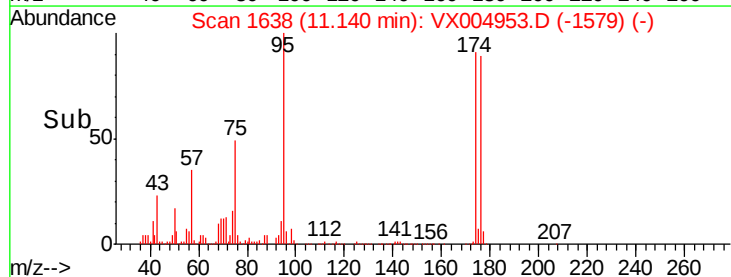
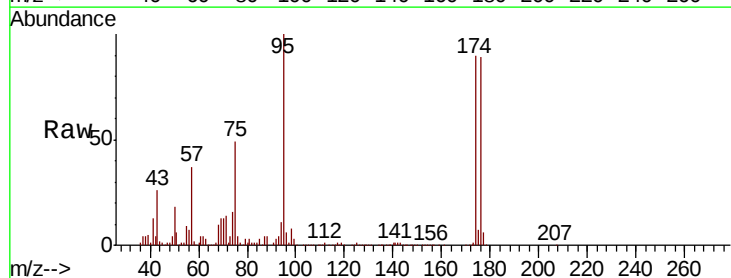
Tgt Ion: 75 Resp: 102615

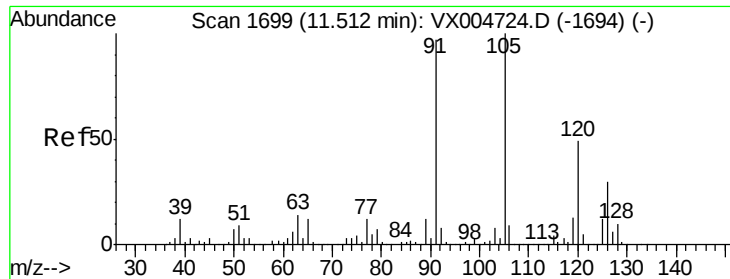
Ion Ratio Lower Upper

75 100

53 2.2 80.2 120.4#

89 0.0 37.1 55.7#

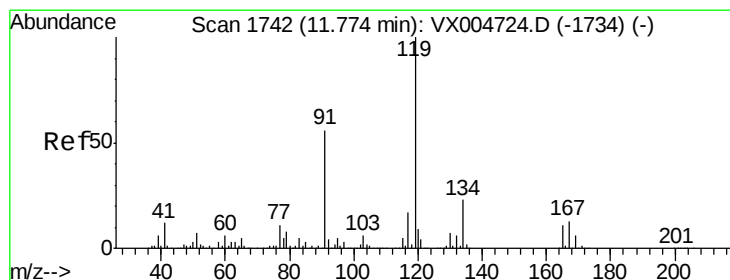
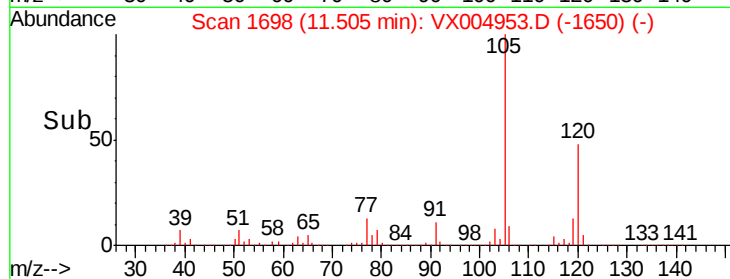
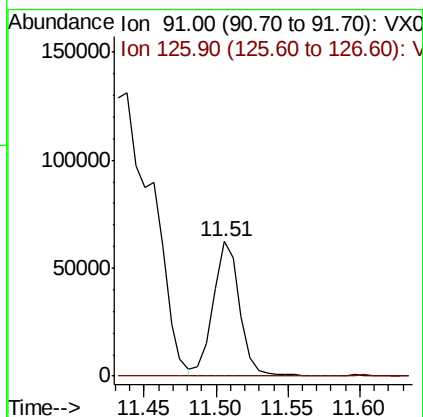
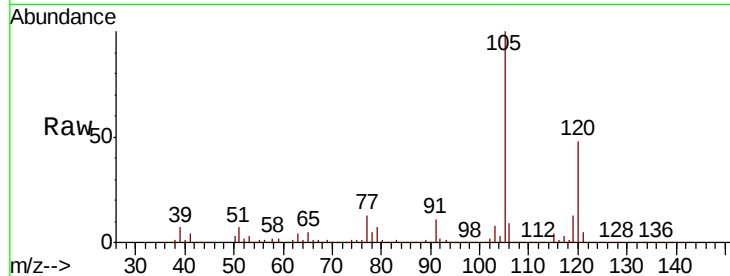




#82
4-Chlorotoluene
Concen: 6.840 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

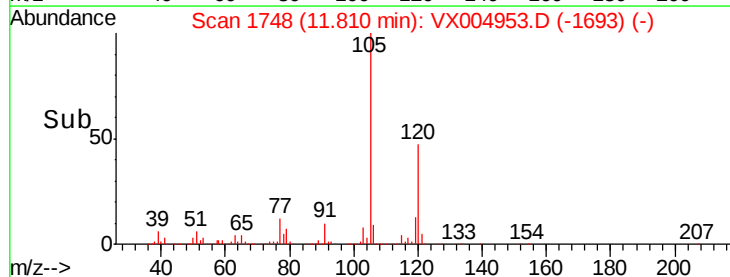
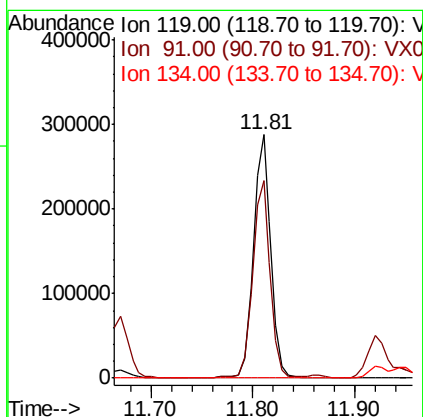
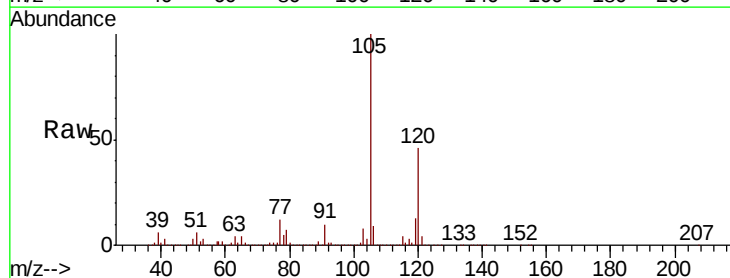
Instrument :
MSVOA_X
ClientSampled :
B-8(11-11.5)

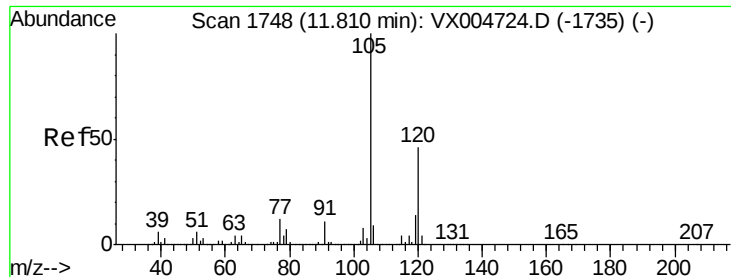
Tot Ion: 91 Resp: 79136
Ion Ratio Lower Upper
91 100
126 1.1 15.5 46.5#



#83
tert-Butylbenzene
Concen: 30.387 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.04 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion: 119 Resp: 343844
Ion Ratio Lower Upper
119 100
91 81.0 27.5 82.5
134 0.0 11.5 34.4#





#84

1,2,4-Trimethylbenzene

Concen: 207.854 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampled :

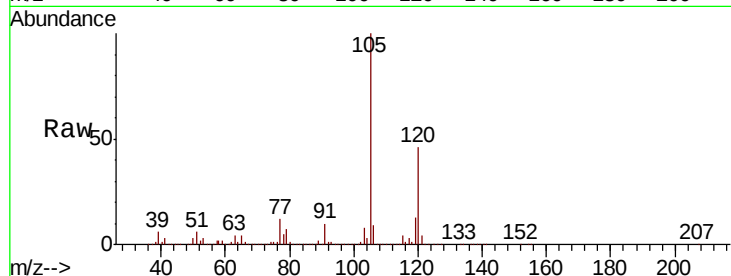
B-8(11-11.5)

Tot Ion:105 Resp: 2691985

Ion Ratio Lower Upper

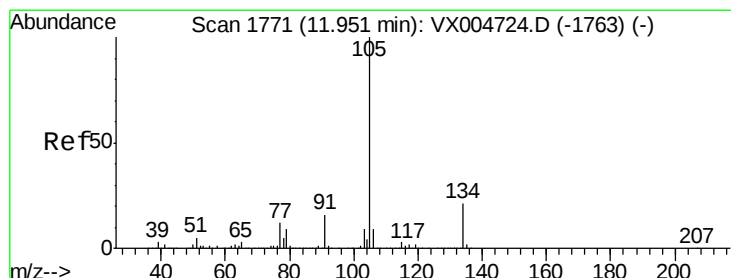
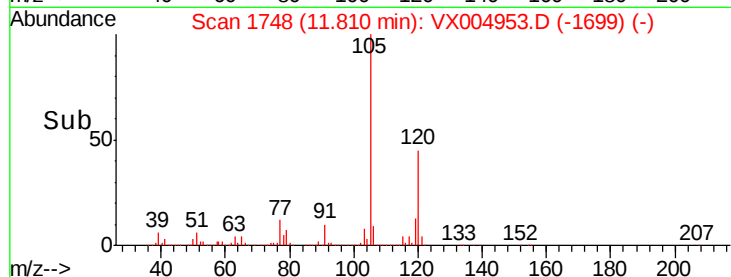
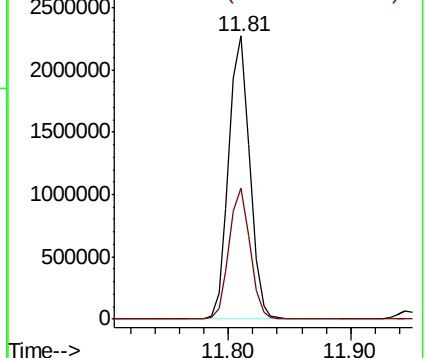
105 100

120 45.9 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 195.318 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX004953.D

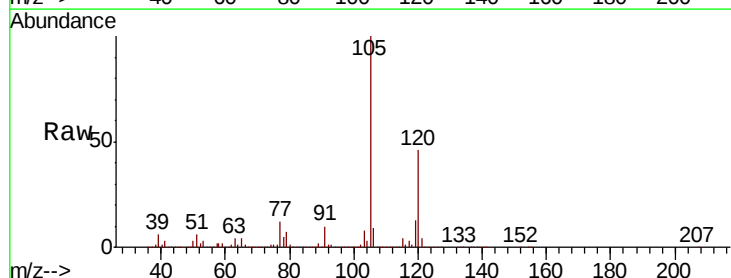
Acq: 03 Oct 2018 07:59

Tgt Ion:105 Resp: 2691985

Ion Ratio Lower Upper

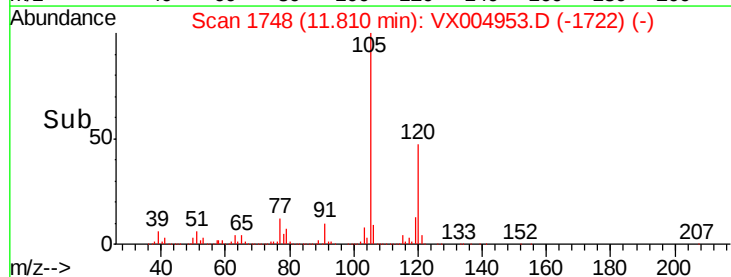
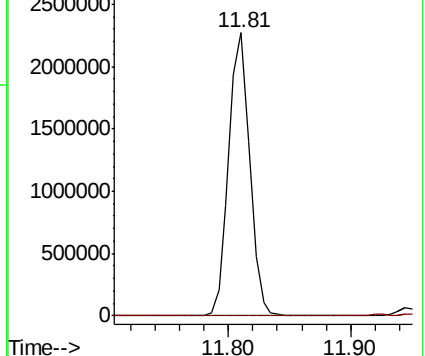
105 100

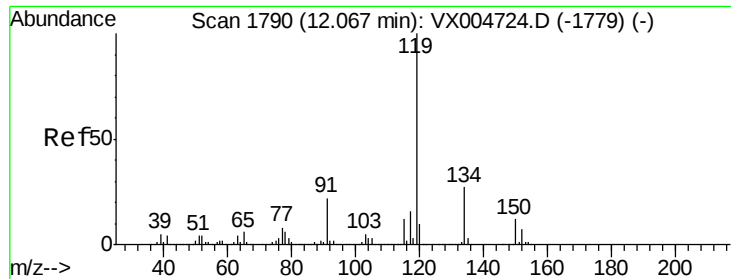
134 0.0 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

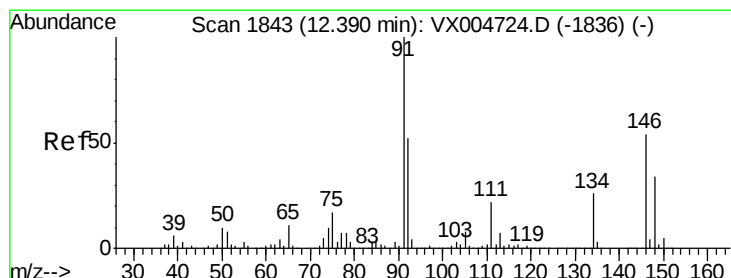
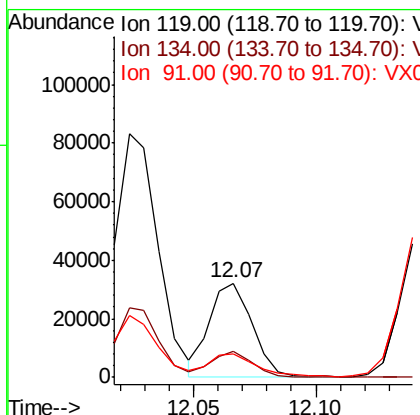
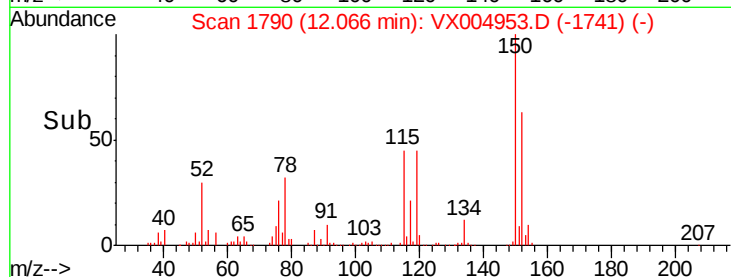
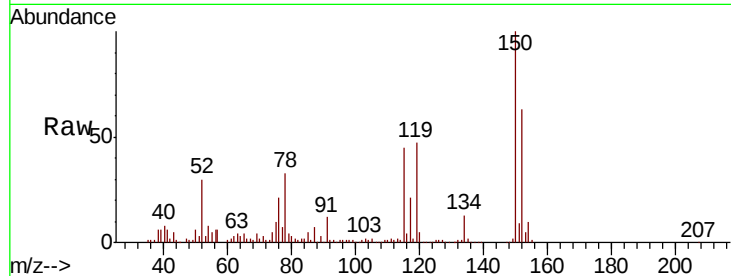




#86
p-Isopropyltoluene
Concen: 3.131 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

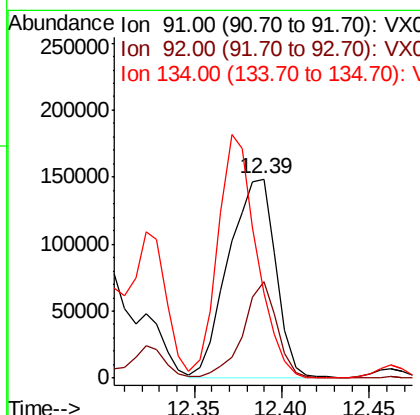
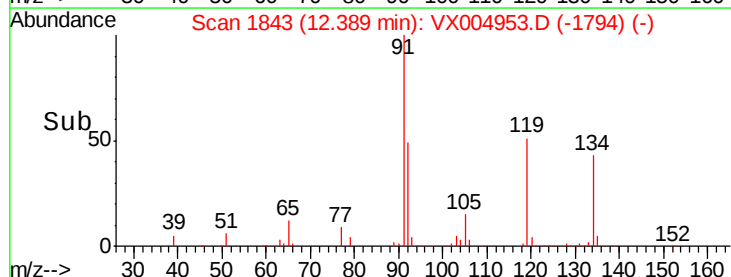
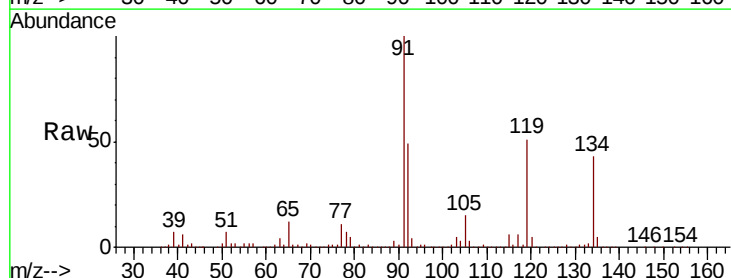
Instrument :
MSVOA_X
ClientSampled :
B-8(11-11.5)

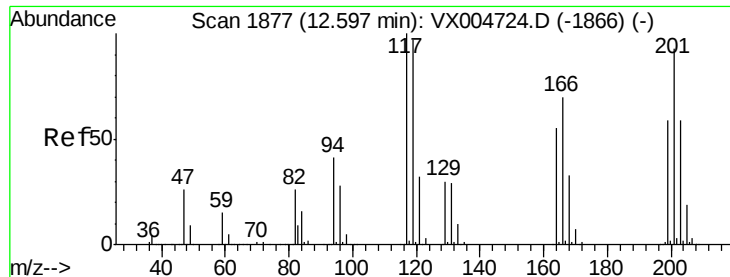
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.4	40.1
91	26.7	11.5	34.4



#89
n-Butylbenzene
Concen: 24.356 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004953.D
Acq: 03 Oct 2018 07:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	35.0	26.0	78.0
134	101.1	13.2	39.6#





#90

Hexachloroethane

Concen: 15.031 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

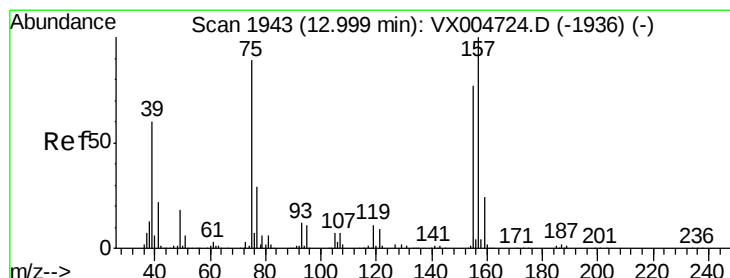
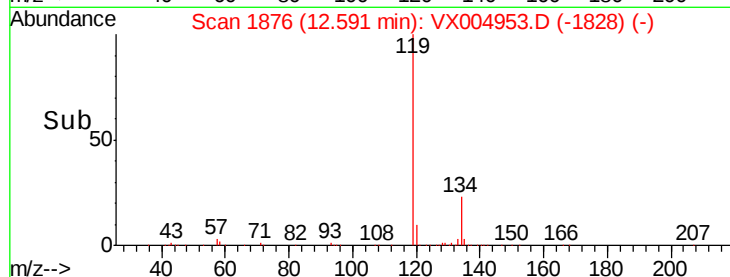
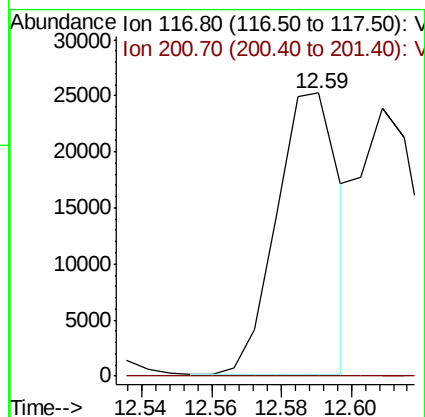
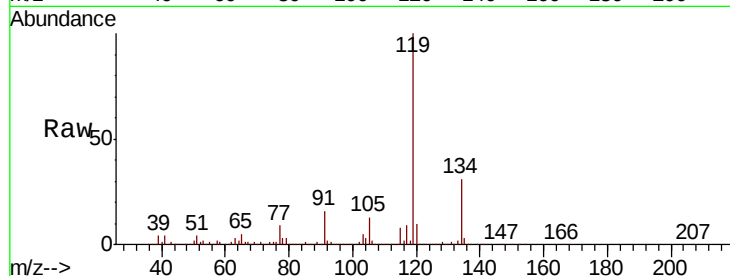
B-8(11-11.5)

Tot Ion:117 Resp: 31251

Ion Ratio Lower Upper

117 100

201 0.0 48.4 145.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.930 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

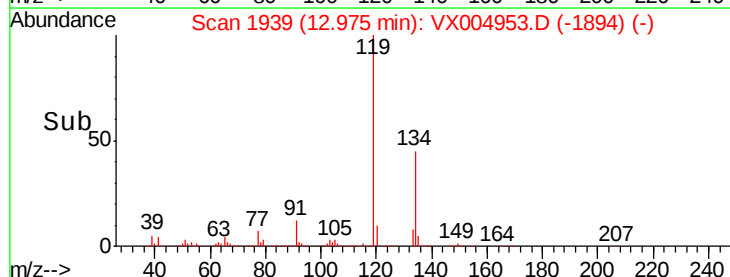
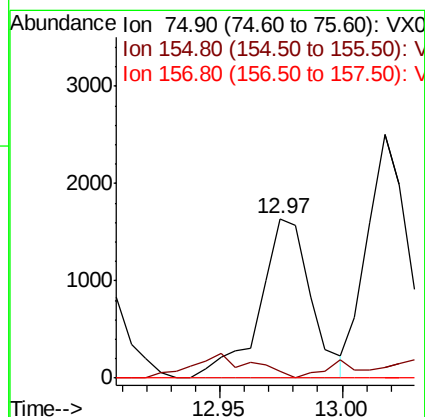
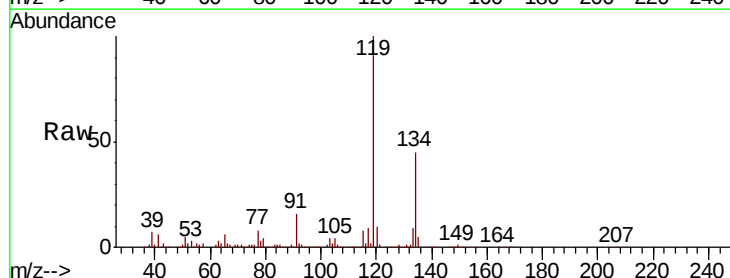
Tgt Ion: 75 Resp: 2371

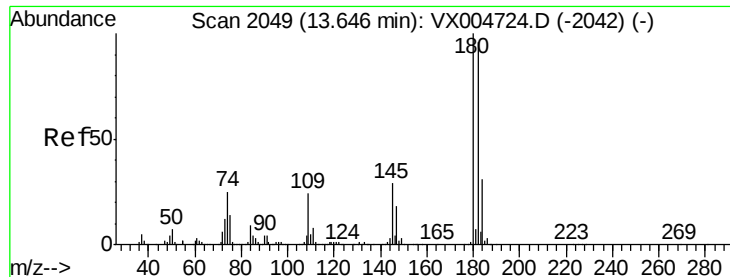
Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

157 0.0 60.2 180.6#

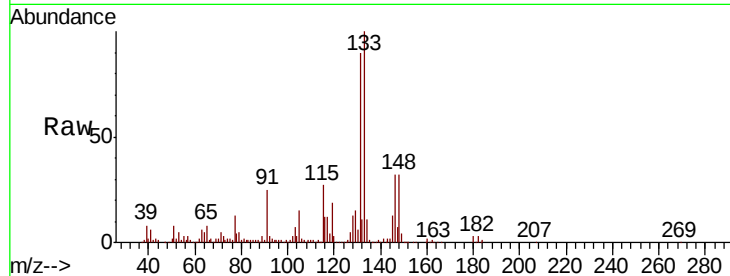




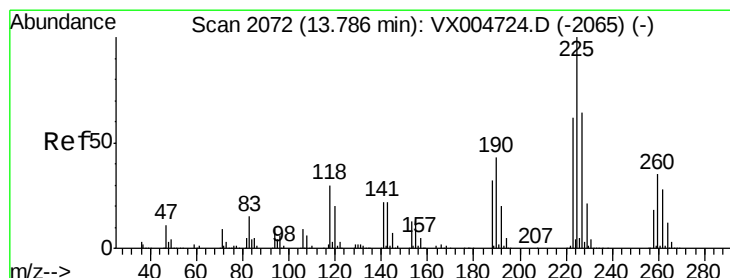
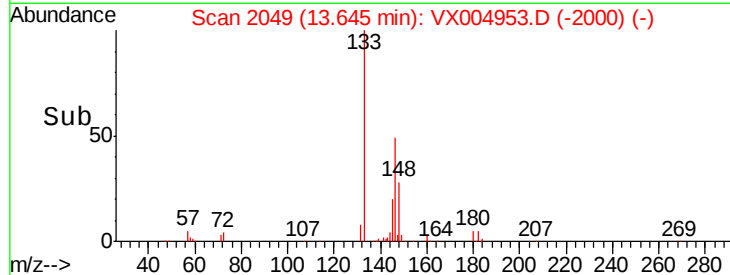
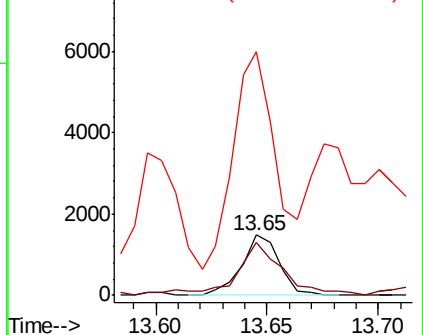
#93
 1,2,4-Trichlorobenzene
 Concen: 0.322 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004953.D
 Acq: 03 Oct 2018 07:59

Instrument :
 MSVOA_X
 ClientSampleId :
 B-8(11-11.5)

Tot Ion:180 Resp: 1757
 Ion Ratio Lower Upper
 180 100
 182 109.6 47.8 143.4
 145 403.9 14.1 42.4#

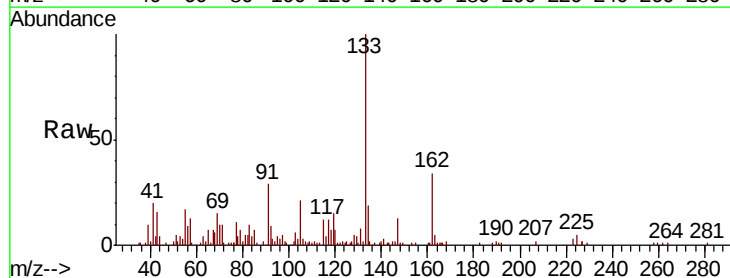


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

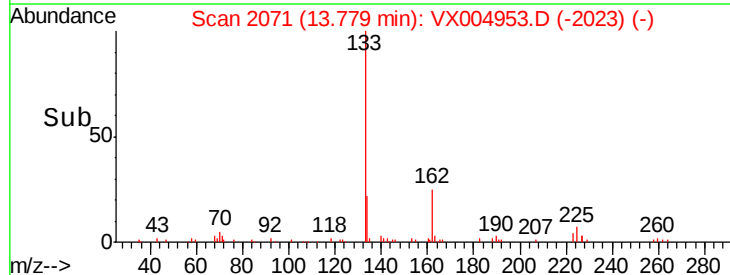
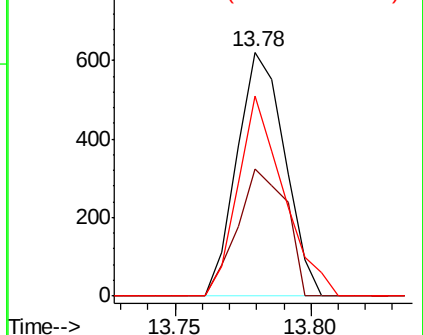


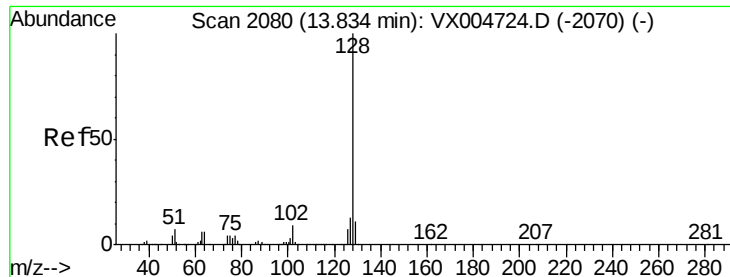
#94
 Hexachlorobutadiene
 Concen: 0.268 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004953.D
 Acq: 03 Oct 2018 07:59

Tgt Ion:225 Resp: 758
 Ion Ratio Lower Upper
 225 100
 223 53.2 31.3 93.8
 227 78.6 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 30.798 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

Instrument :

MSVOA_X

ClientSampleId :

B-8(11-11.5)

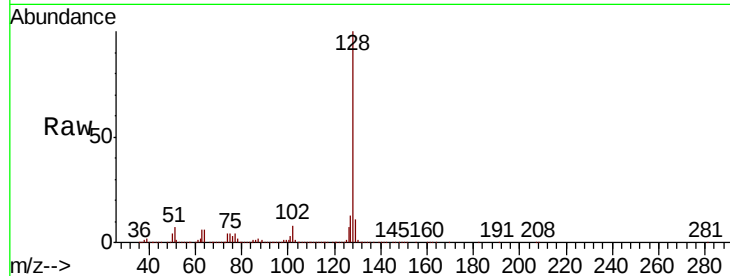
Tot Ion:128 Resp: 553489

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

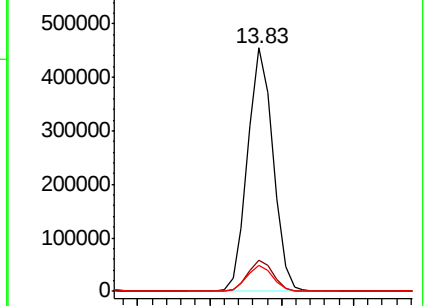
129 11.1 8.7 13.1



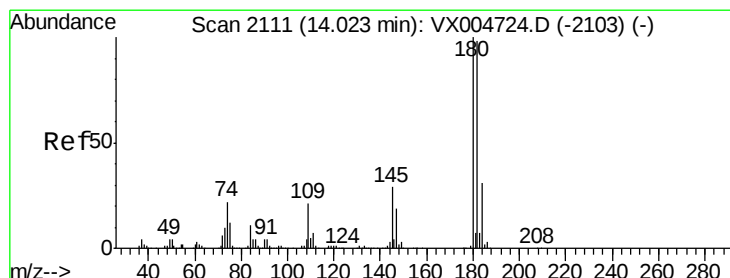
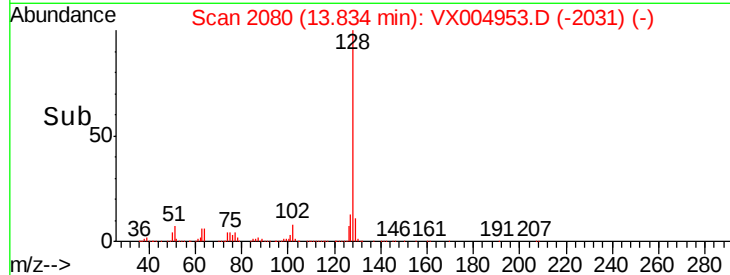
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 0.230 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004953.D

Acq: 03 Oct 2018 07:59

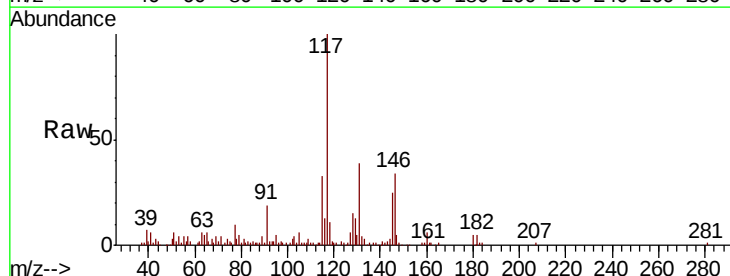
Tgt Ion:180 Resp: 1301

Ion Ratio Lower Upper

180 100

182 108.9 47.9 143.8

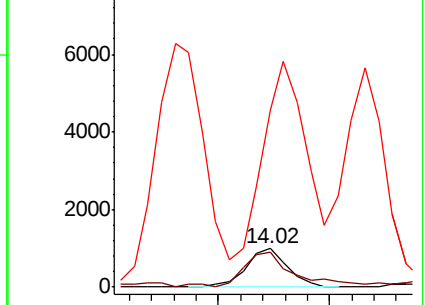
145 516.1 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

