

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006057.D
 Acq On : 16 Nov 2018 18:28
 Operator : JC/MD
 Sample : J5968-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

Quant Time: Nov 17 00:45:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	197876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	181897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83180	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	81274	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
35) Dibromofluoromethane	5.50	113	67302	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
50) Toluene-d8	8.71	98	224982	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.14	95	78917	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.70	64	457	0.429	ug/l #	62
11) Tert butyl alcohol	3.03	59	623	1.259	ug/l #	72
13) Acrolein	2.27	56	507	21.147	ug/l #	1
14) Allyl chloride	2.84	41	19327	6.513	ug/l #	63
15) Acrylonitrile	3.17	53	3142	3.063	ug/l #	41
16) Acetone	2.45	43	4681	5.031	ug/l	92
17) Carbon Disulfide	2.57	76	846	0.213	ug/l #	90
18) Methyl Acetate	2.84	43	45921	17.452	ug/l #	55
20) Methylene Chloride	2.86	84	702	0.459	ug/l #	25
25) 2-Butanone	4.71	43	2455	1.678	ug/l #	89
29) Tetrahydrofuran	5.24	42	317	0.338	ug/l #	1
30) Chloroform	5.28	83	3113	1.164	ug/l #	36
31) Cyclohexane	5.57	56	24722	10.270	ug/l #	90
36) 1,1-Dichloropropene	5.66	75	9831	5.154	ug/l #	48
38) Carbon Tetrachloride	5.67	117	12376	6.481	ug/l #	14
39) Methylcyclohexane	7.46	83	26635	13.776	ug/l	90
41) Methacrylonitrile	5.02	41	409	0.302	ug/l #	46
43) Isopropyl Acetate	6.45	43	1715	0.472	ug/l #	63
46) Dibromomethane	7.65	93	230	0.272	ug/l #	1
47) Bromodichloromethane	7.84	83	568	0.355	ug/l #	78
48) Methyl methacrylate	7.73	41	3958	2.425	ug/l #	52
51) 4-Methyl-2-Pentanone	8.65	43	1404	0.613	ug/l #	85
52) Toluene	8.79	92	72150	23.214	ug/l	99
55) 1,1,2-Trichloroethane	9.16	97	8983	6.485	ug/l #	17
56) Ethyl methacrylate	9.16	69	2329	1.124	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.26	63	40	8.313	ug/l #	48
67) Ethyl Benzene	10.26	91	1279232	218.926	ug/l	96
68) m/p-Xylenes	10.36	106	588717	264.138	ug/l	98
69) o-Xylene	10.70	106	226042	113.101	ug/l	92
70) Styrene	10.70	104	11664	3.538	ug/l #	1
73) Isopropylbenzene	11.02	105	202800	42.160	ug/l	100
74) N-amyl acetate	10.90	43	176	1.314	ug/l #	1
76) 1,2,3-Trichloropropane	11.36	75	3443	2.033	ug/l #	1
78) n-propylbenzene	11.36	91	582927	102.828	ug/l	98

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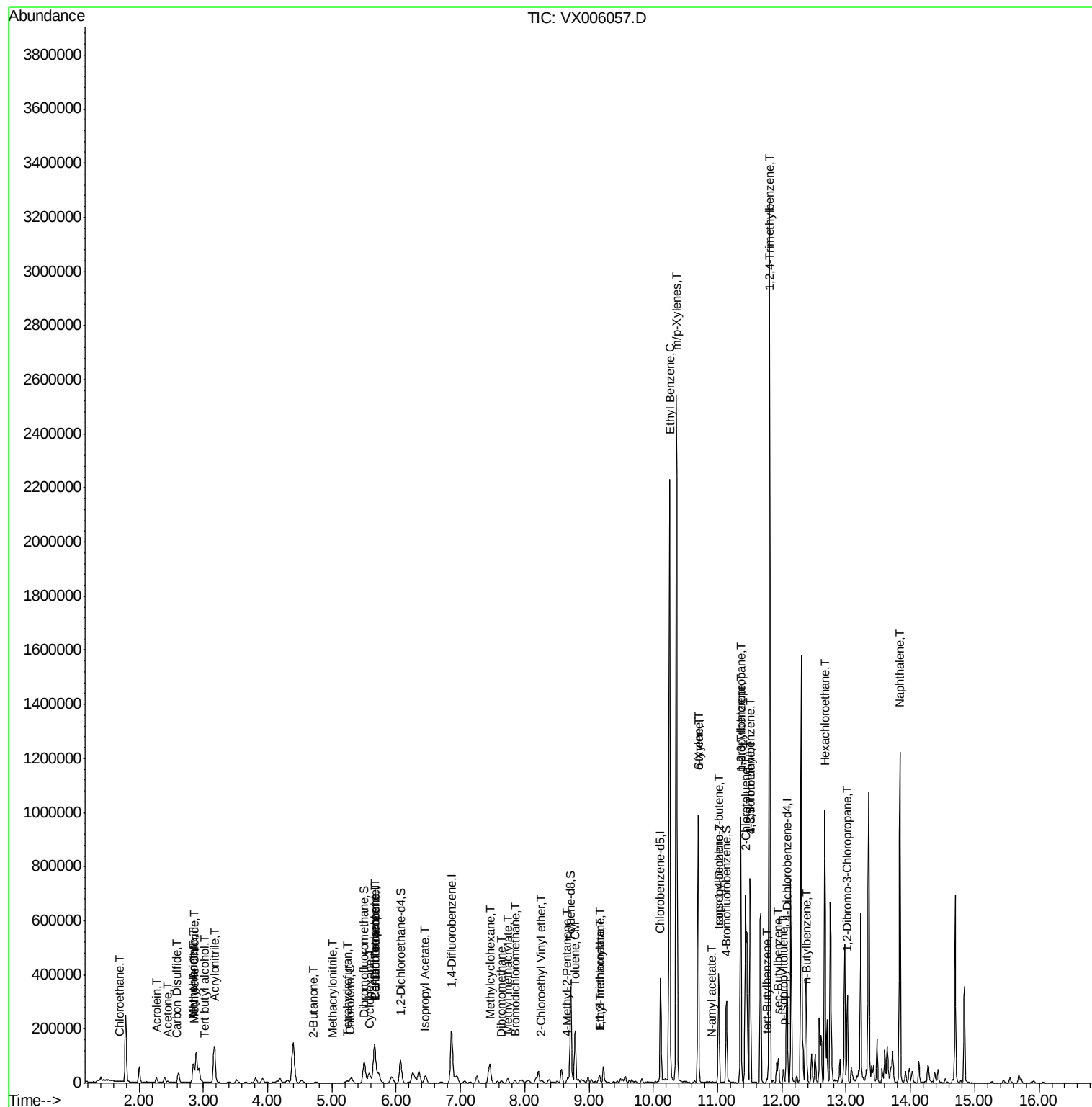
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.43	91	70808	20.665	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	315401	77.159	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	2307	4.341	ug/l #	58
82) 4-Chlorotoluene	11.51	91	32652	8.086	ug/l #	44
83) tert-Butylbenzene	11.77	119	5817	1.407	ug/l #	40
84) 1,2,4-Trimethylbenzene	11.81	105	1406399	312.393	ug/l	98
85) sec-Butylbenzene	11.94	105	47271	9.348	ug/l	97
86) p-Isopropyltoluene	12.02	119	21468	4.793	ug/l	98
89) n-Butylbenzene	12.39	91	73911	17.803	ug/l #	44
90) Hexachloroethane	12.67	117	39485	52.798	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	13.01	75	938	2.177	ug/l #	1
95) Naphthalene	13.83	128	726340	119.694	ug/l	100

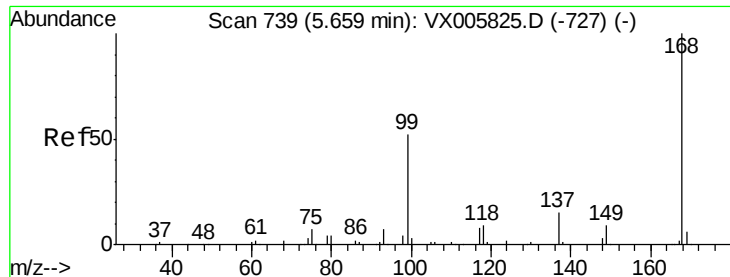
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

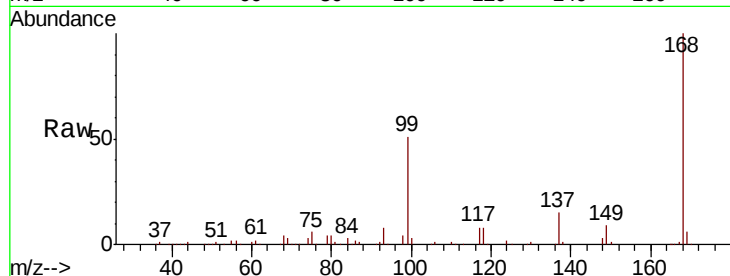
MW-2-111418

Tot Ion:168 Resp: 150310

Ion Ratio Lower Upper

168 100

99 51.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

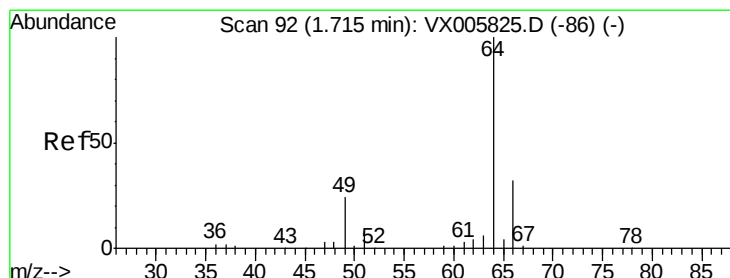
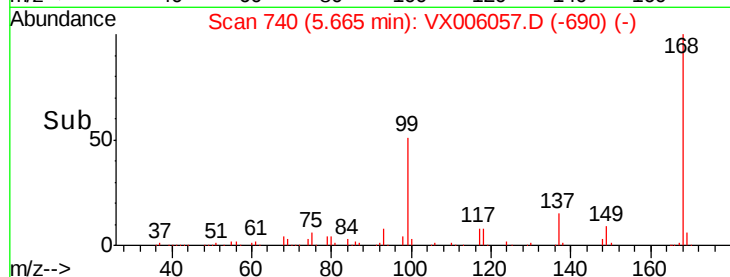
20000

10000

0

Time-->

5.60 5.70 5.80



#6

Chloroethane

Concen: 0.429 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX006057.D

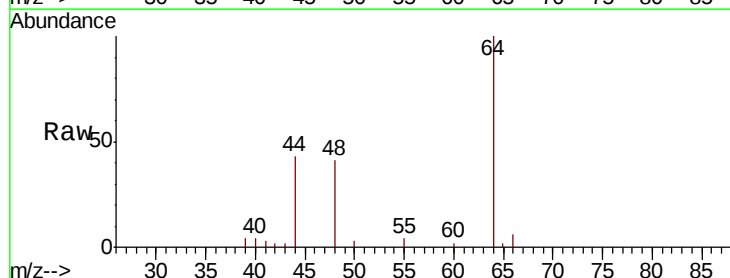
Acq: 16 Nov 2018 18:28

Tgt Ion: 64 Resp: 457

Ion Ratio Lower Upper

64 100

66 10.9 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

4000

3000

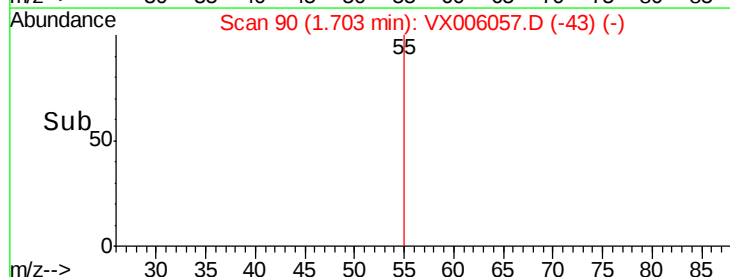
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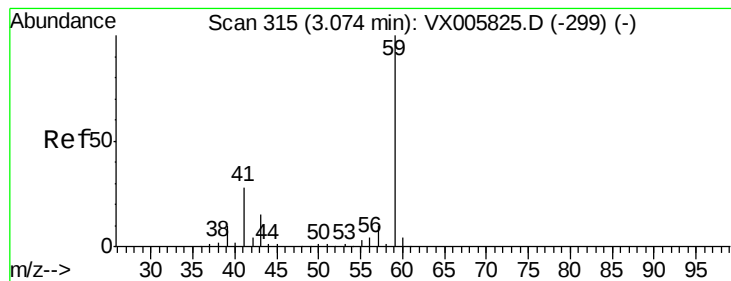
1000

0

Time-->

1.68 1.70 1.72



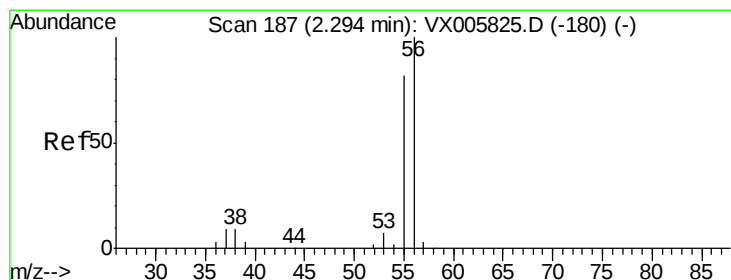
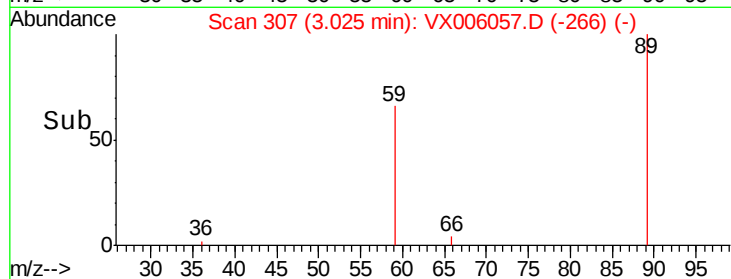
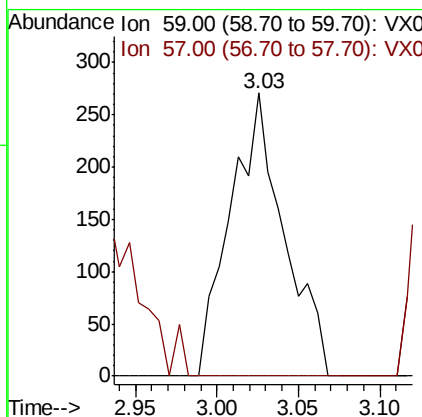
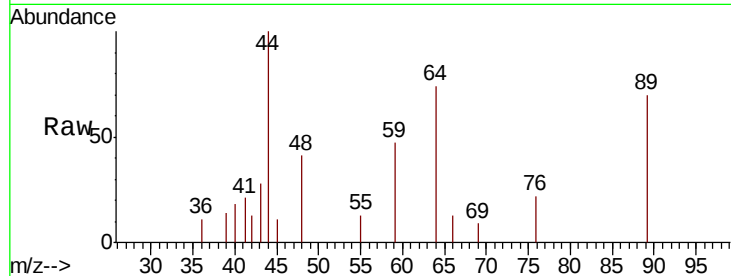


#11

Tert butyl alcohol
 Concen: 1.259 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

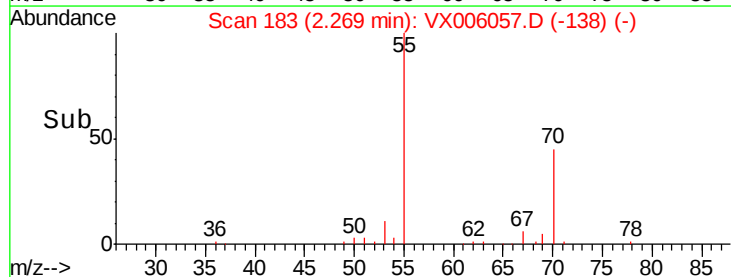
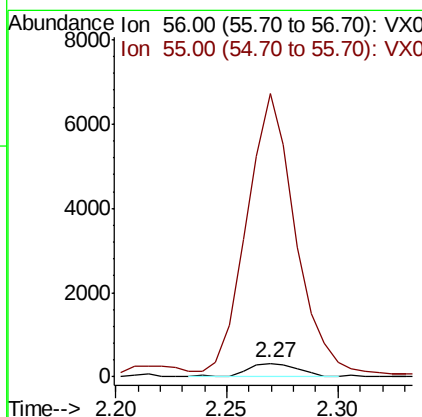
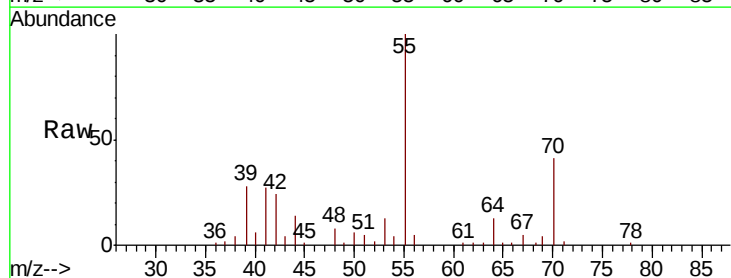
Tot Ion: 59 Resp: 623
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

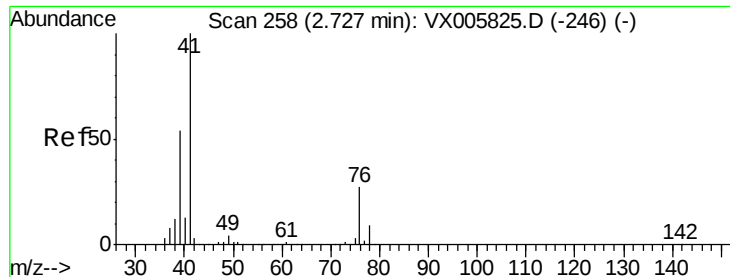


#13

Acrolein
 Concen: 21.147 ug/l
 RT: 2.27 min Scan# 183
 Delta R.T. -0.02 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Tgt Ion: 56 Resp: 507
 Ion Ratio Lower Upper
 56 100
 55 2082.2 57.3 85.9#

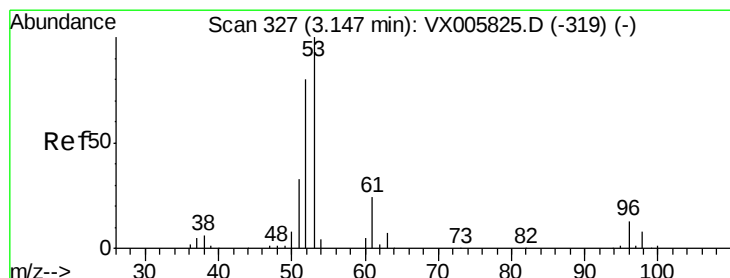
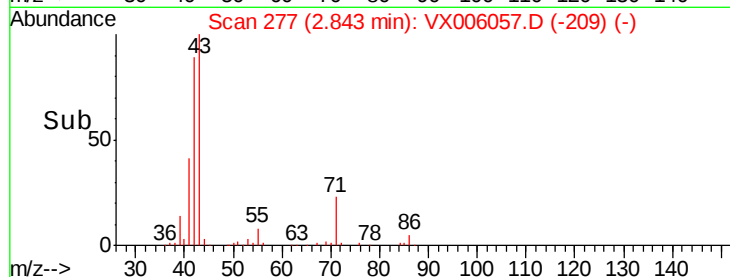
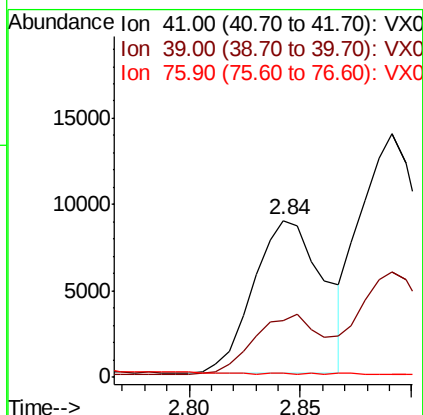
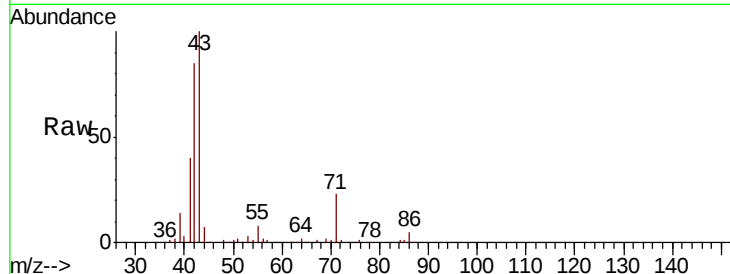




#14
Allvl chloride
Concen: 6.513 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.12 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

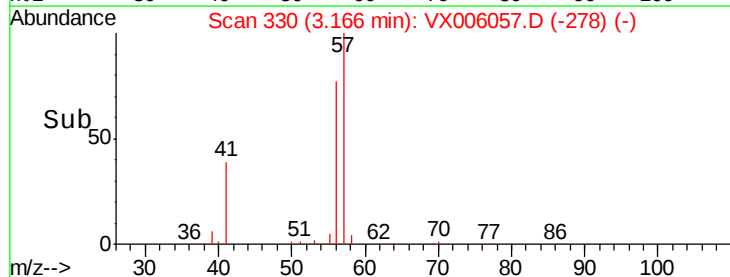
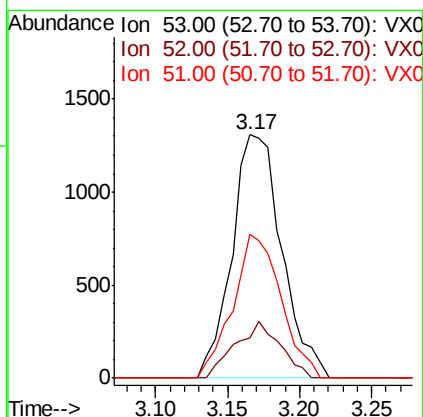
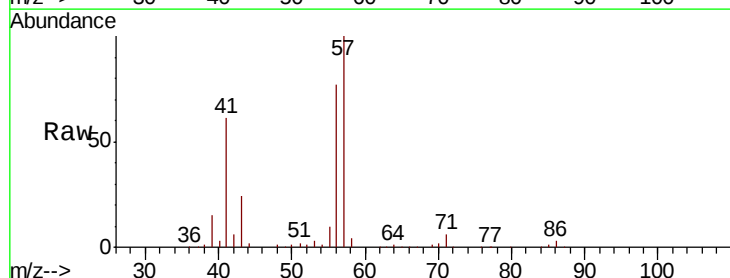
Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418

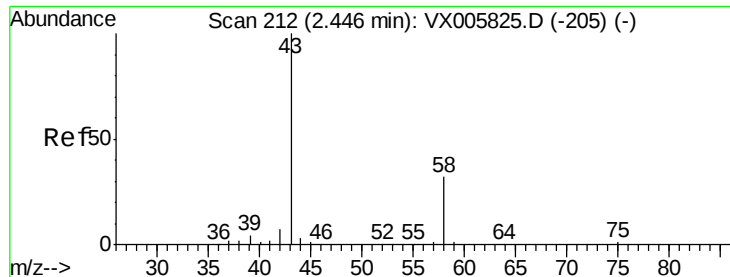
Tot Ion: 41 Resp: 19327
Ion Ratio Lower Upper
41 100
39 37.3 48.2 72.4#
76 0.0 21.9 32.9#



#15
Acrylonitrile
Concen: 3.063 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.02 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Tgt Ion: 53 Resp: 3142
Ion Ratio Lower Upper
53 100
52 21.1 66.6 99.8#
51 57.0 28.4 42.6#





#16

Acetone

Concen: 5.031 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

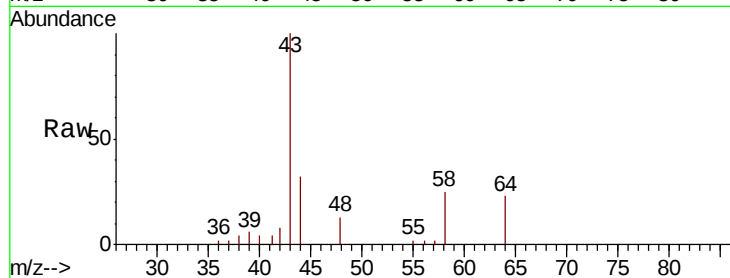
MW-2-111418

Tot Ion: 43 Resp: 4681

Ion Ratio Lower Upper

43 100

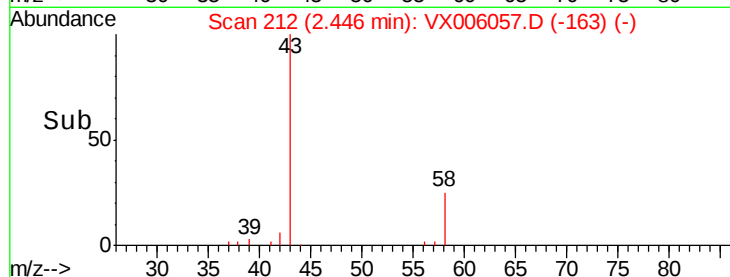
58 25.3 23.8 35.6



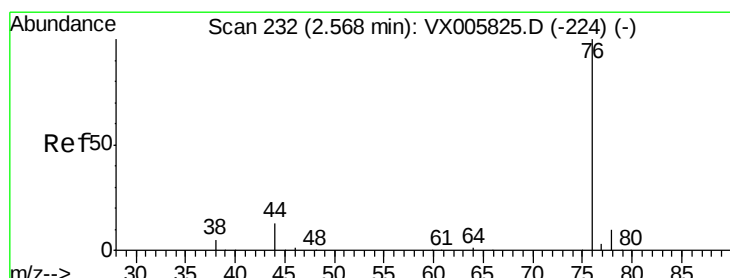
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45



Time-->



#17

Carbon Disulfide

Concen: 0.213 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006057.D

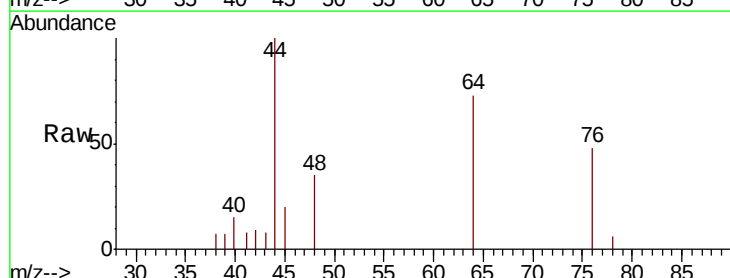
Acq: 16 Nov 2018 18:28

Tgt Ion: 76 Resp: 846

Ion Ratio Lower Upper

76 100

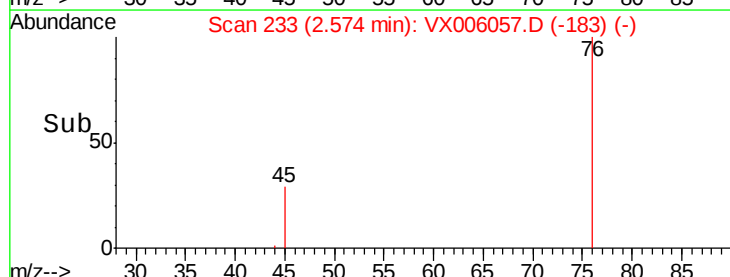
78 12.8 7.3 10.9#



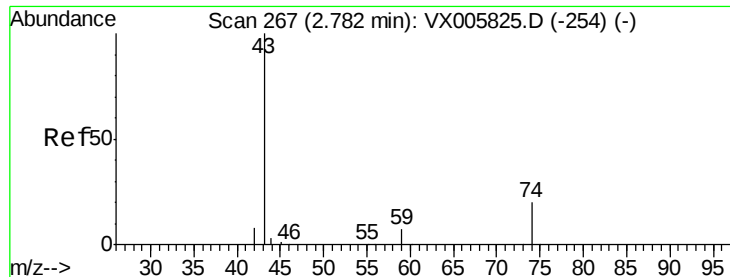
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57



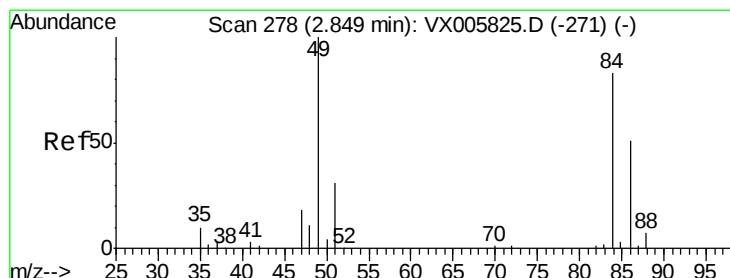
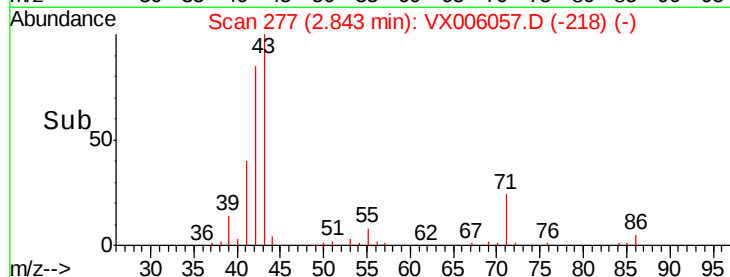
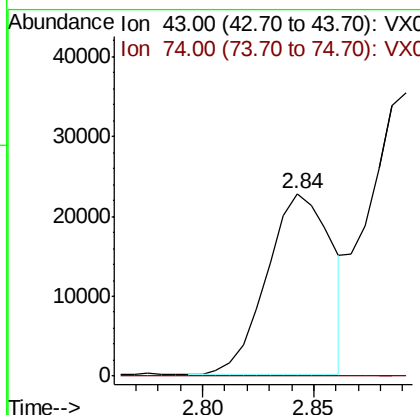
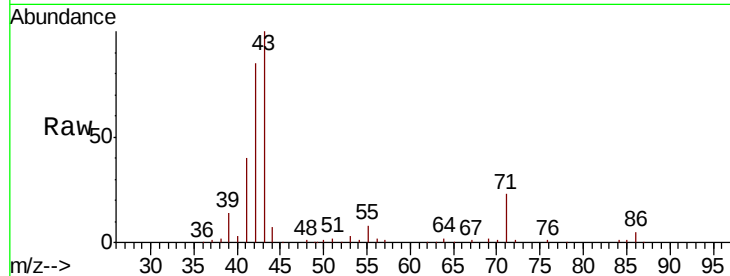
Time-->



#18
Methyl Acetate
Concen: 17.452 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

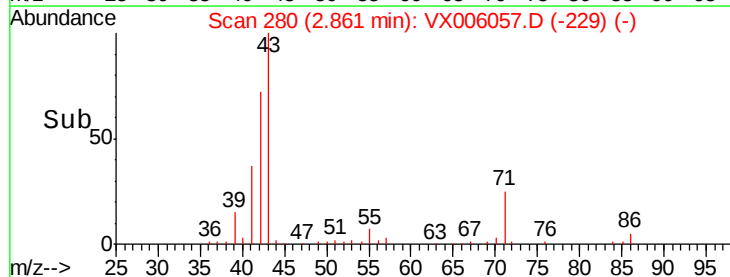
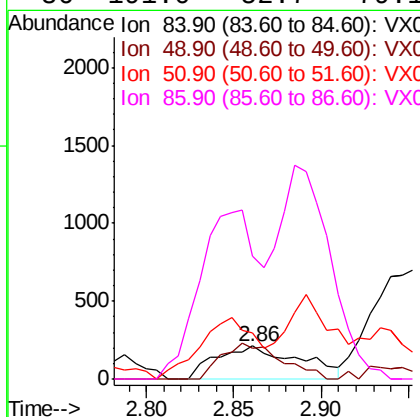
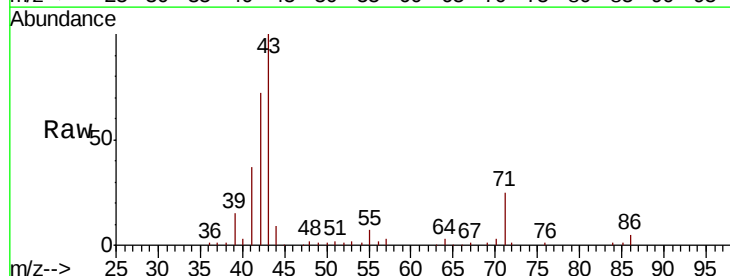
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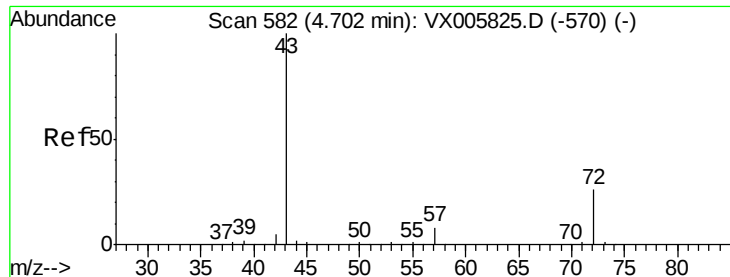
Tot Ion: 43 Resp: 45921
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#20
Methylene Chloride
Concen: 0.459 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Tgt Ion: 84 Resp: 702
Ion Ratio Lower Upper
84 100
49 91.5 109.5 164.3#
51 84.9 33.3 49.9#
86 191.0 52.7 79.1#





#25

2-Butanone

Concen: 1.678 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

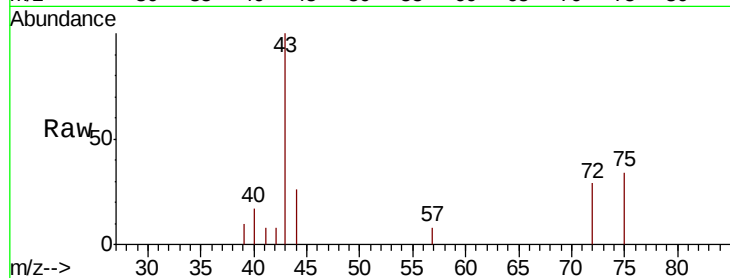
MW-2-111418

Tot Ion: 43 Resp: 2455

Ion Ratio Lower Upper

43 100

72 29.4 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

800

600

400

200

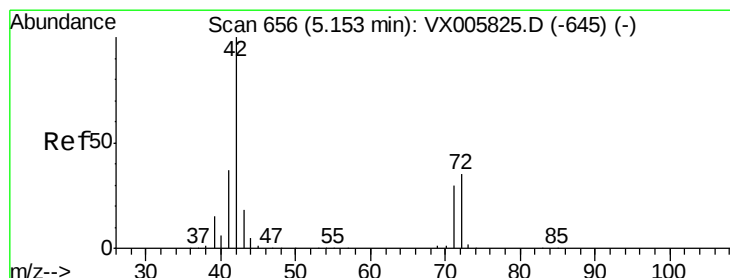
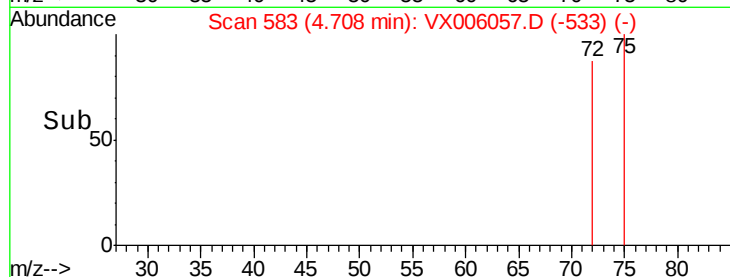
0

4.60

4.70

4.80

Time-->



#29

Tetrahydrofuran

Concen: 0.338 ug/l

RT: 5.24 min Scan# 670

Delta R.T. 0.09 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

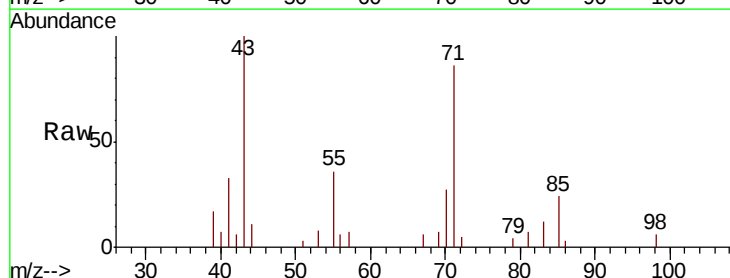
Tgt Ion: 42 Resp: 317

Ion Ratio Lower Upper

42 100

72 108.2 32.0 48.0#

71 1830.0 29.8 44.8#



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

2000

1500

1000

500

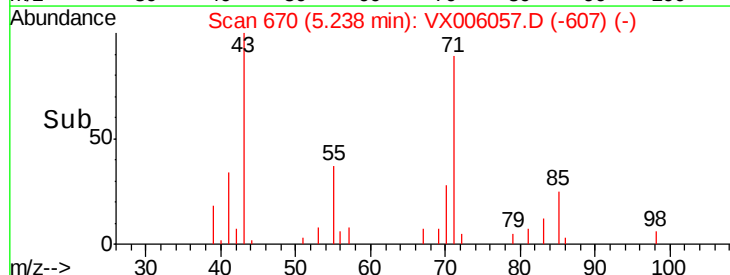
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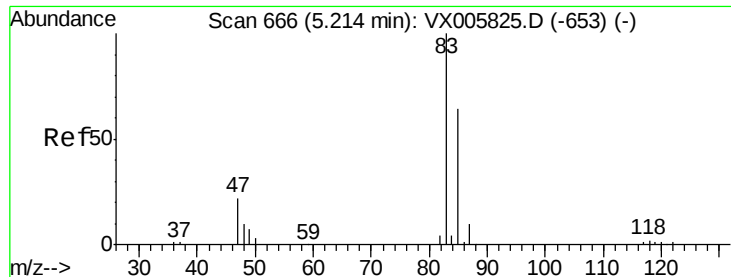
5.20

5.24

5.25

Time-->

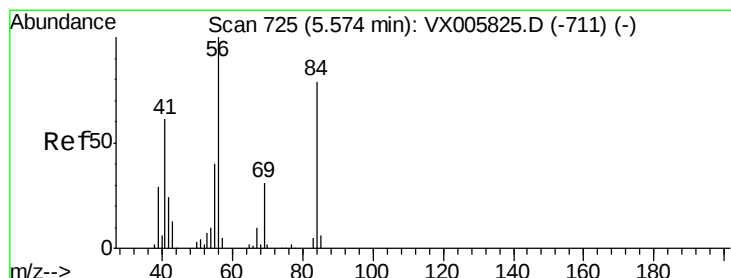
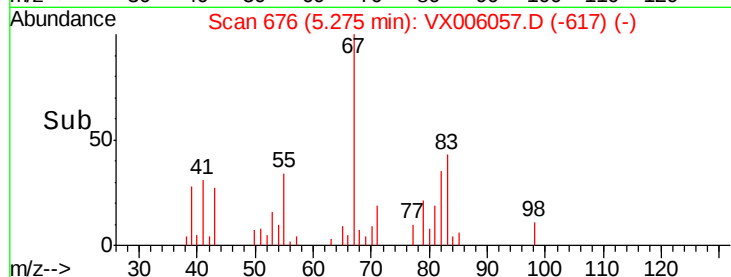
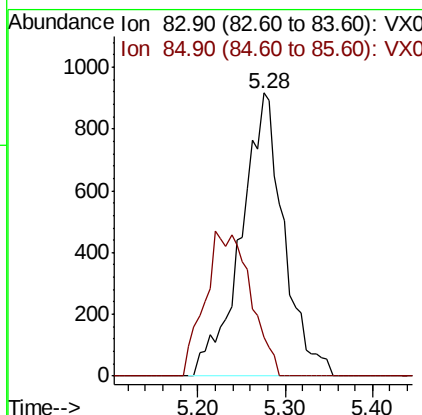
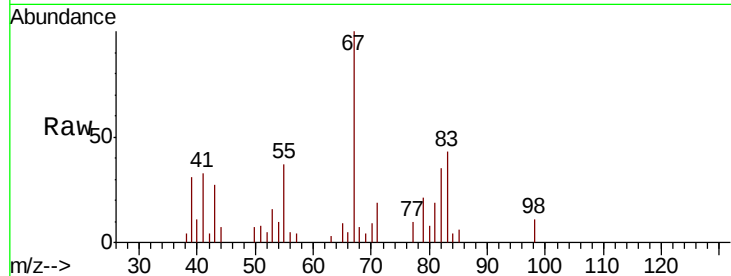




#30
Chloroform
Concen: 1.164 ug/l
RT: 5.28 min Scan# 676
Delta R.T. 0.06 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

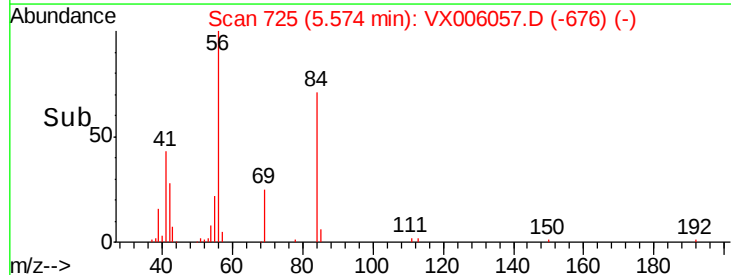
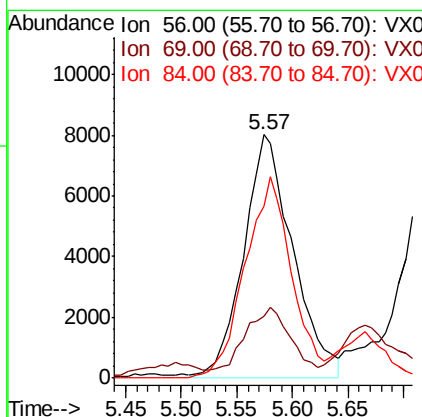
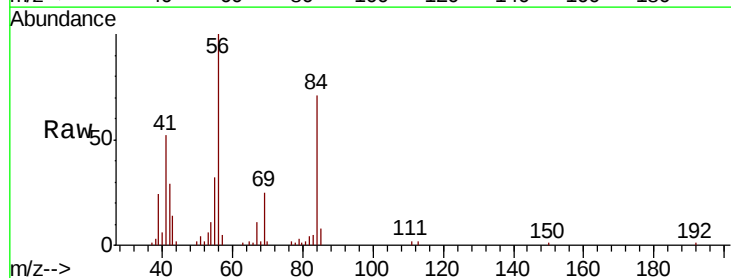
Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418

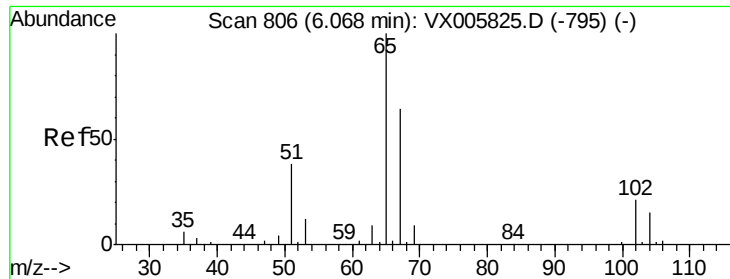
Tot Ion: 83 Resp: 3113
Ion Ratio Lower Upper
83 100
85 13.8 50.6 76.0#



#31
Cyclohexane
Concen: 10.270 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Tgt Ion: 56 Resp: 24722
Ion Ratio Lower Upper
56 100
69 20.3 22.6 34.0#
84 71.6 62.7 94.1

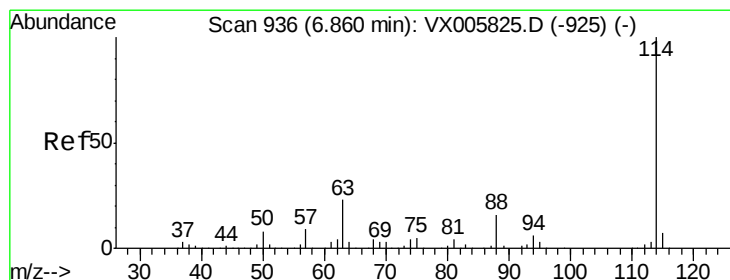
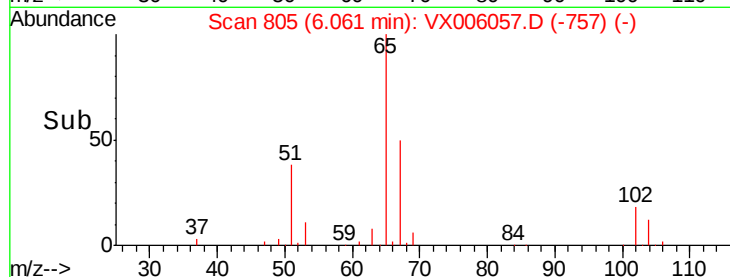
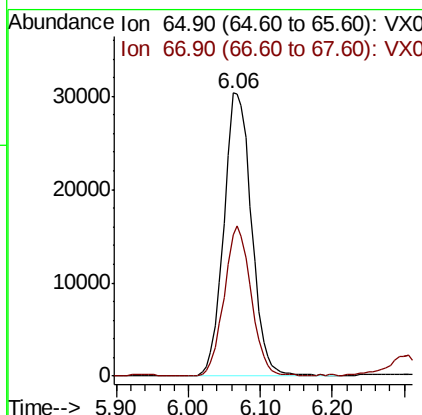
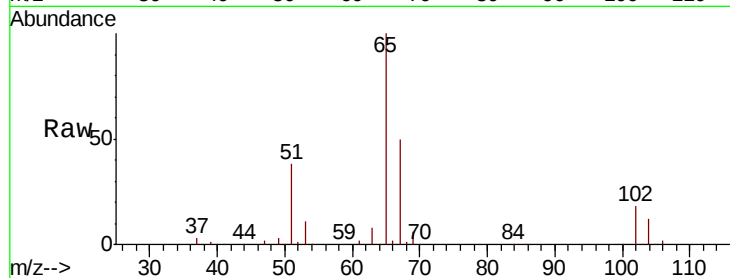




#33
 1,2-Dichloroethane-d4
 Concen: 47.033 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

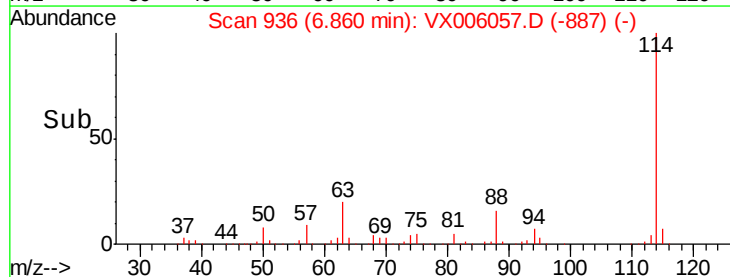
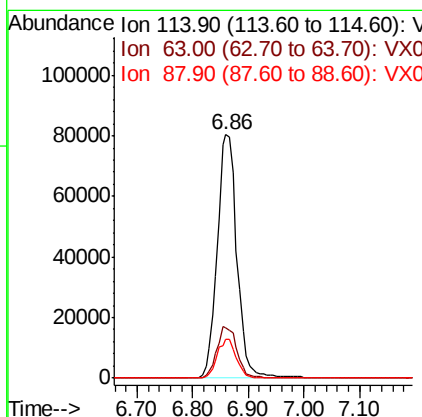
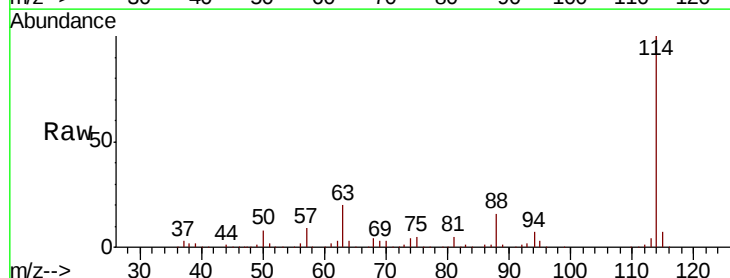
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

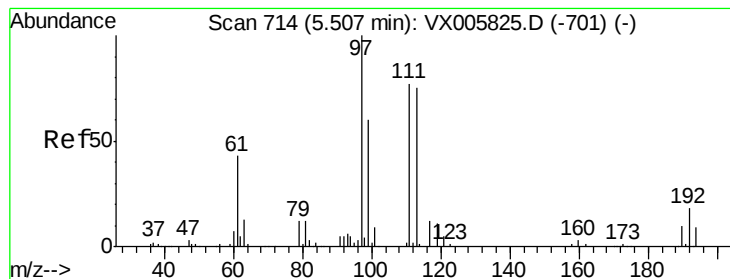
Tot Ion: 65 Resp: 81274
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Tgt Ion: 114 Resp: 197876
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.007 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418

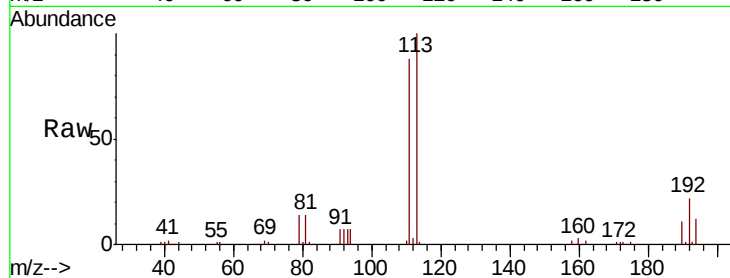
Tot Ion:113 Resp: 67302

Ion Ratio Lower Upper

113 100

111 99.3 82.3 123.5

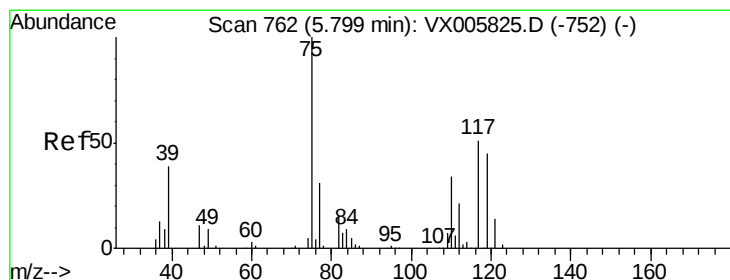
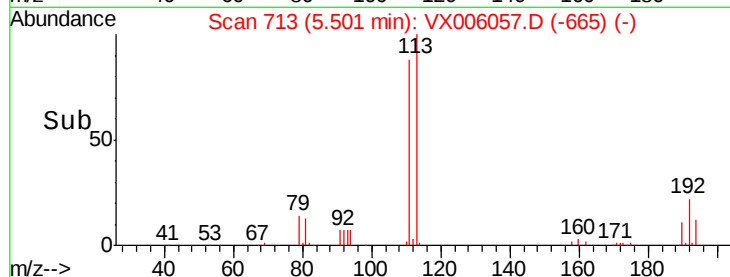
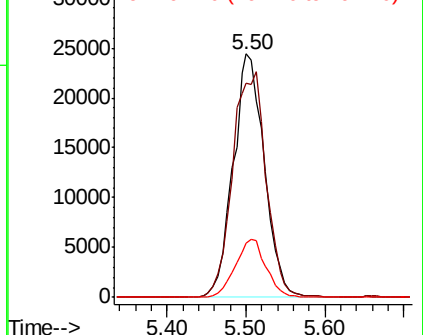
192 23.2 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.154 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

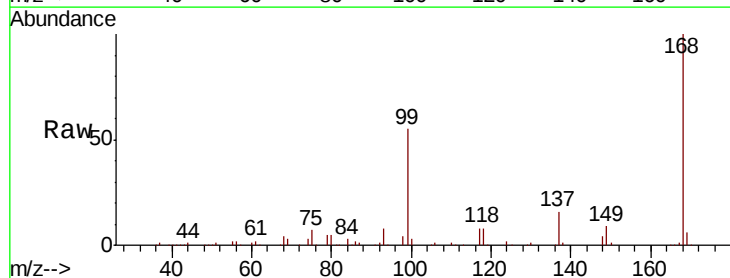
Tgt Ion: 75 Resp: 9831

Ion Ratio Lower Upper

75 100

110 7.5 17.4 52.2#

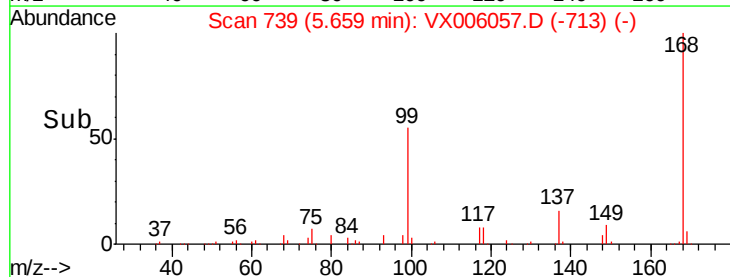
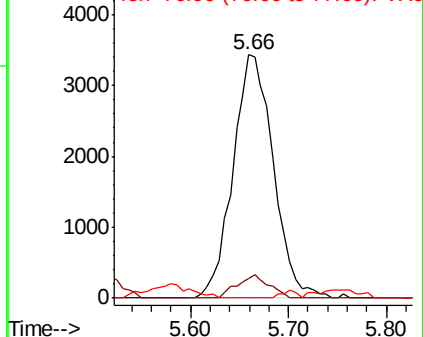
77 0.0 25.8 38.6#

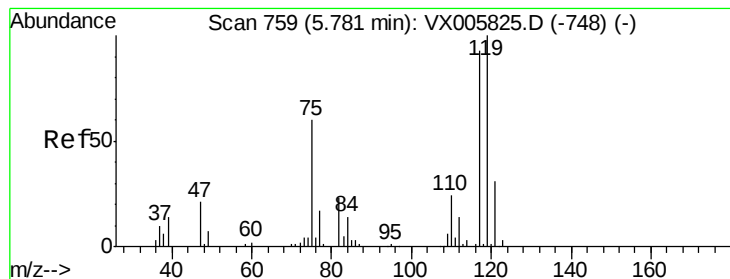


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.481 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418

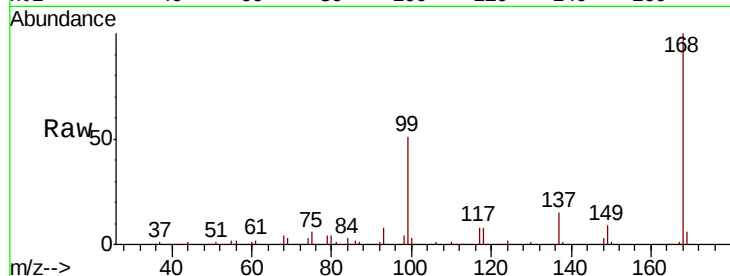
Tot Ion:117 Resp: 12376

Ion Ratio Lower Upper

117 100

119 4.1 78.1 117.1#

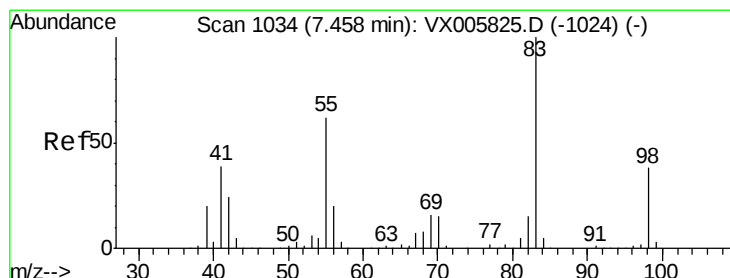
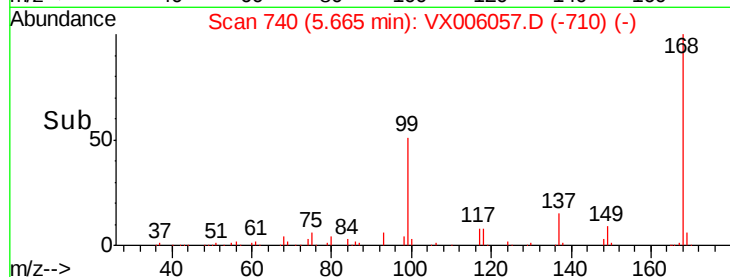
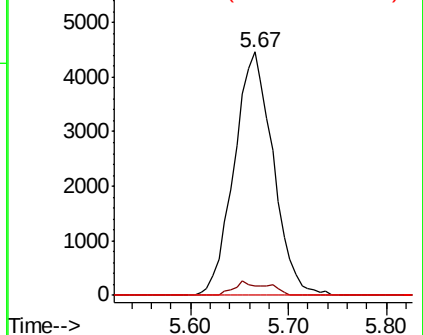
121 0.0 24.6 36.8#



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

Methylcyclohexane

Concen: 13.776 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

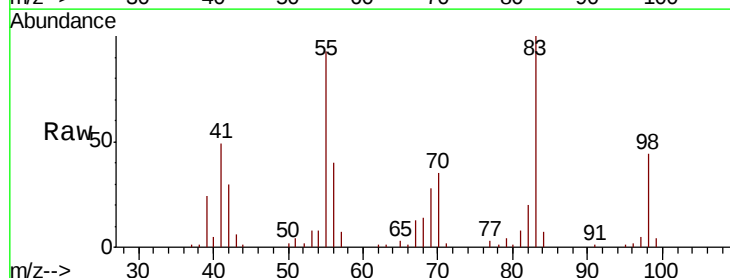
Tgt Ion: 83 Resp: 26635

Ion Ratio Lower Upper

83 100

55 92.8 63.7 95.5

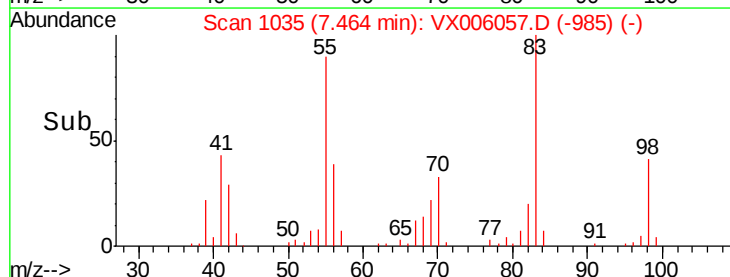
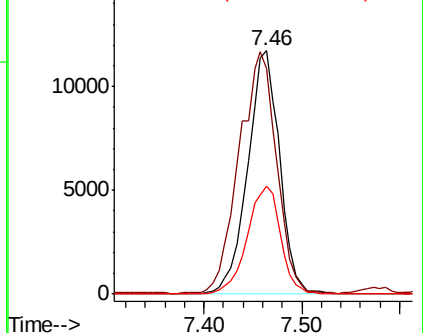
98 44.2 36.2 54.2

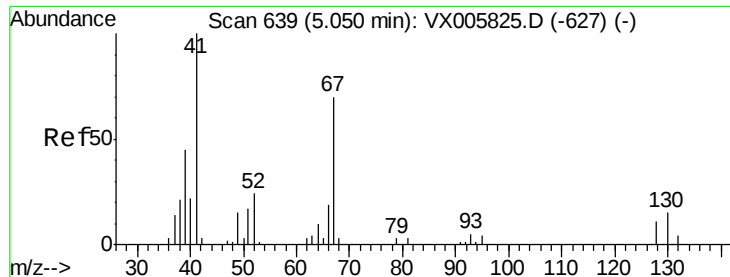


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

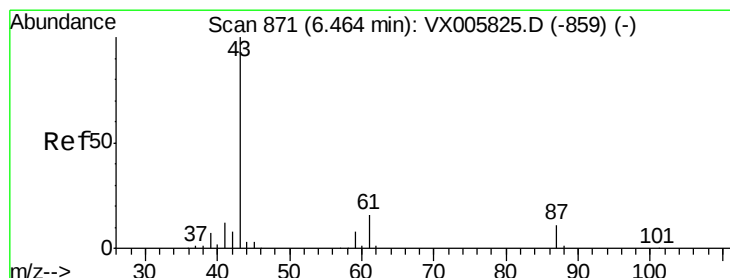
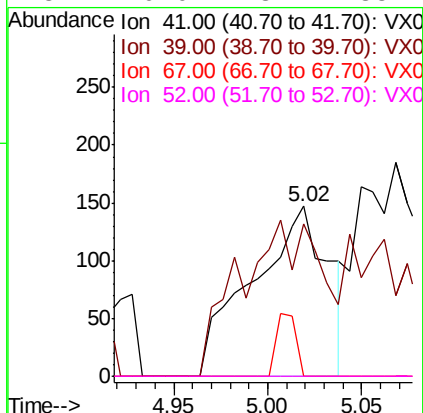
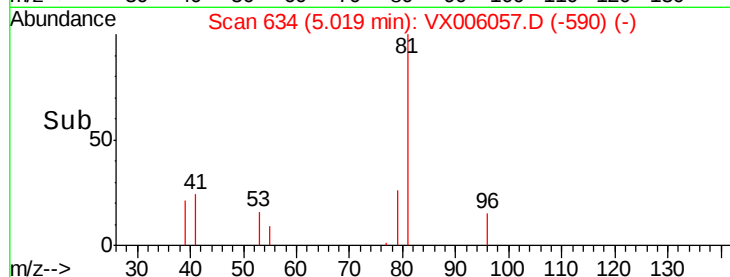
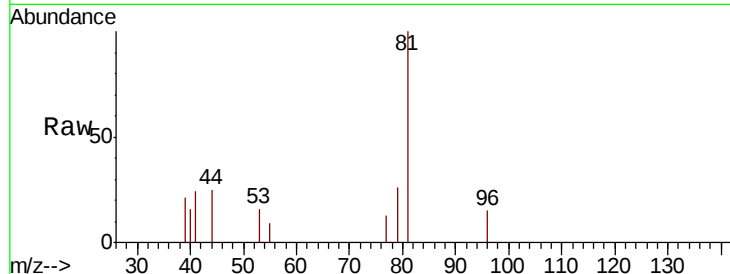




#41
Methacrylonitrile
Concen: 0.302 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.03 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

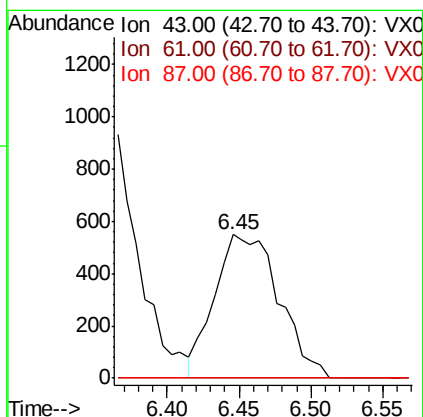
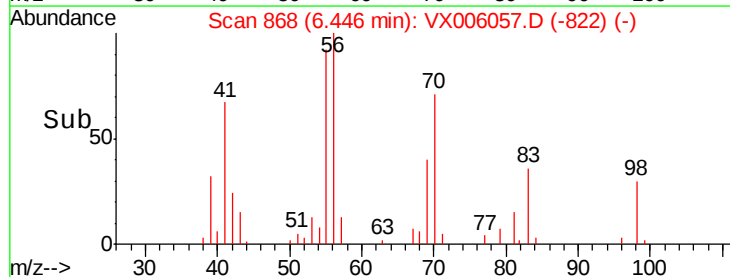
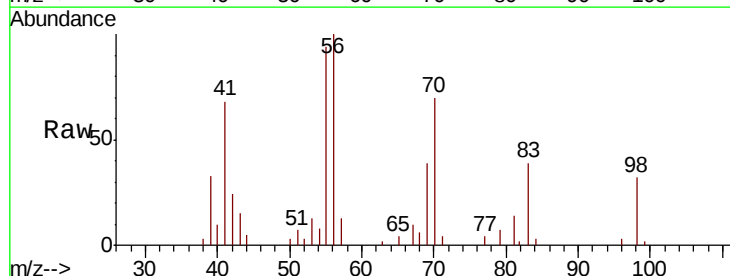
Instrument :
MSVOA_X
ClientSampled :
MW-2-111418

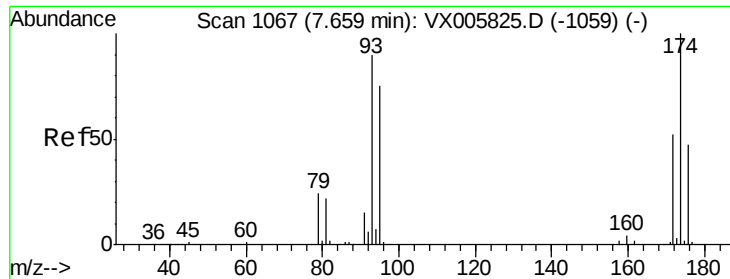
Tot Ion: 41 Resp: 409
Ion Ratio Lower Upper
41 100
39 65.3 42.2 63.2#
67 0.0 53.4 80.0#
52 0.0 23.4 35.2#



#43
Isopropyl Acetate
Concen: 0.472 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.02 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
61 0.0 14.6 22.0#
87 0.0 9.6 14.4#





#46

Dibromomethane

Concen: 0.272 ug/l

RT: 7.65 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418

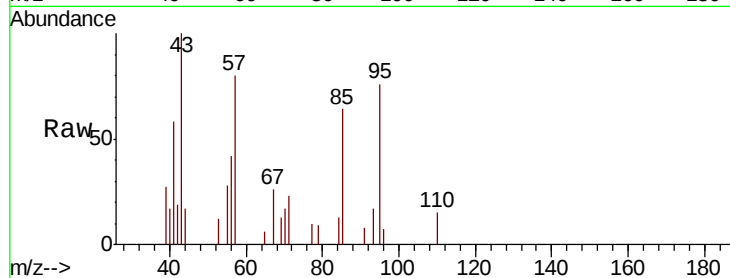
Tot Ion: 93 Resp: 230

Ion Ratio Lower Upper

93 100

95 890.9 67.4 101.0#

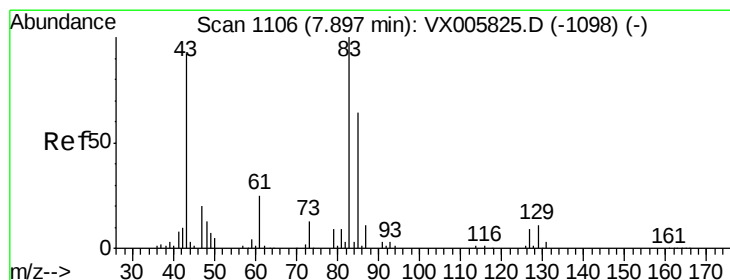
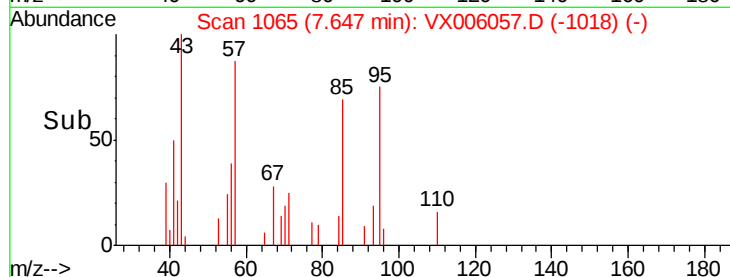
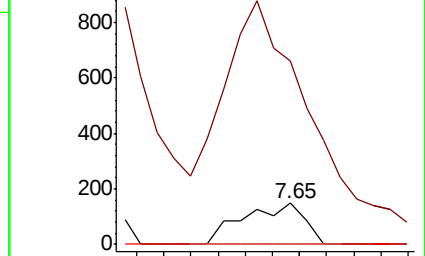
174 0.0 91.5 137.3#



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: 0.355 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

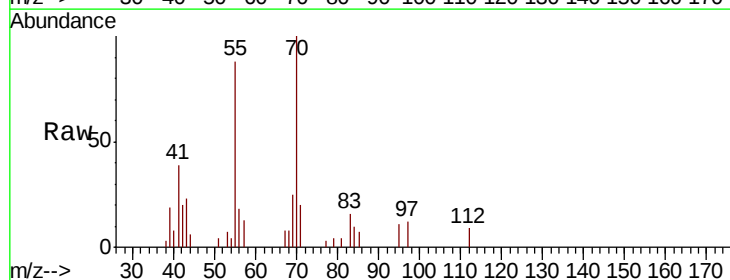
Tgt Ion: 83 Resp: 568

Ion Ratio Lower Upper

83 100

85 46.3 50.2 75.4#

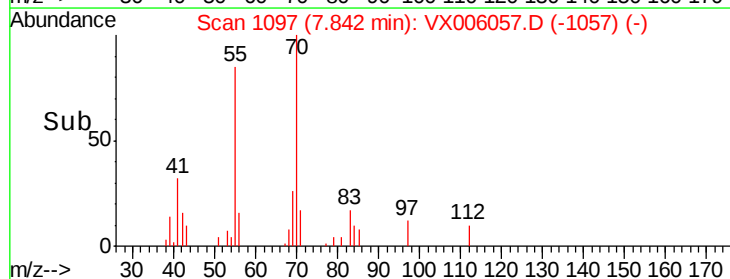
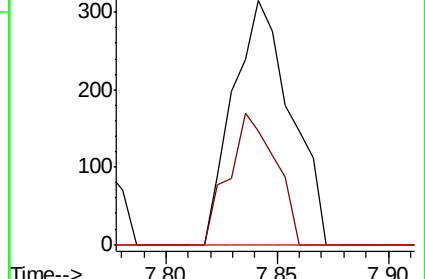
127 0.0 6.9 10.3#

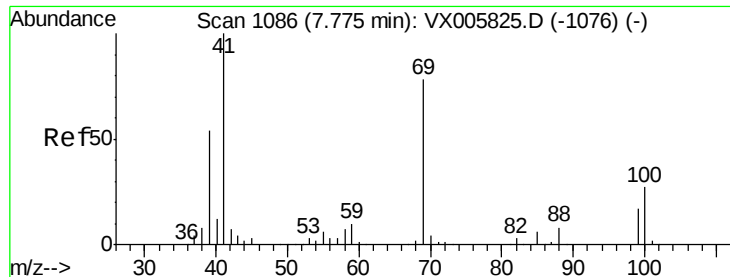


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

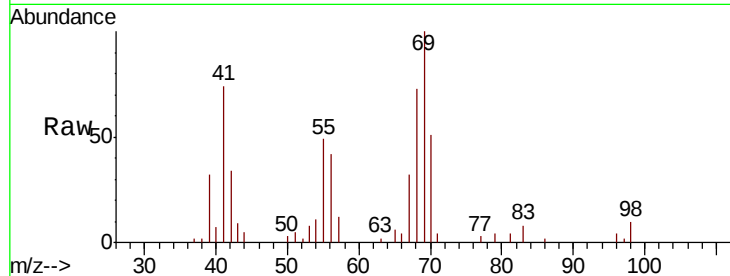




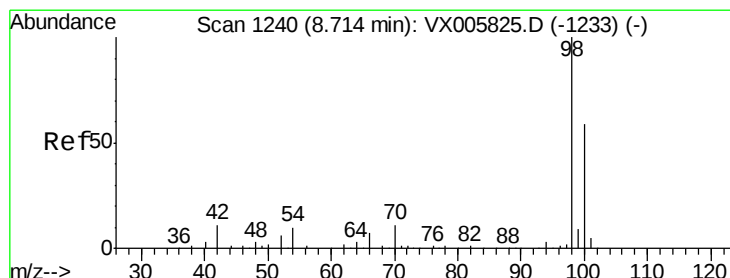
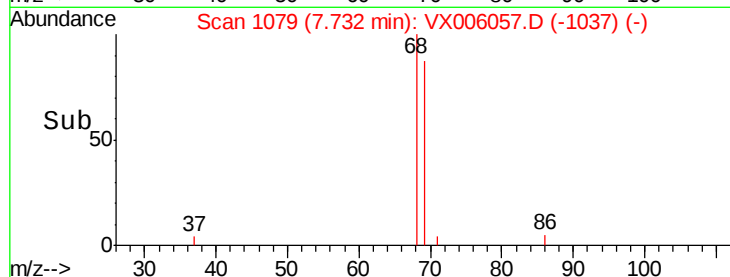
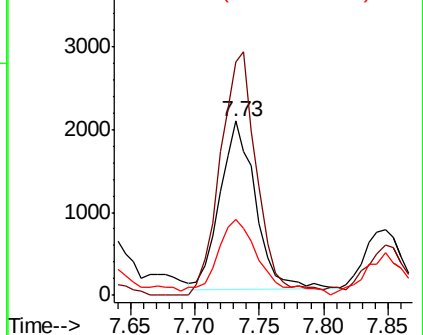
#48
Methvl methacrilate
Concen: 2.425 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418

Tot Ion: 41 Resp: 3958
Ion Ratio Lower Upper
41 100
69 147.9 63.2 94.8#
39 54.4 42.2 63.2

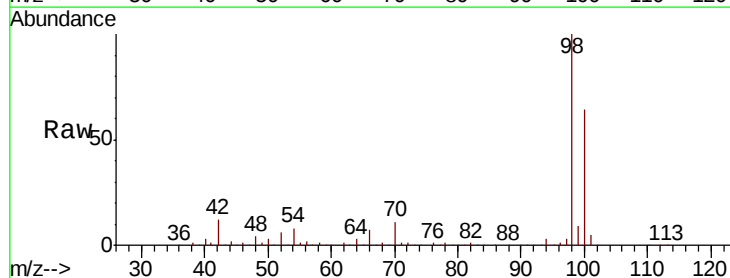


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

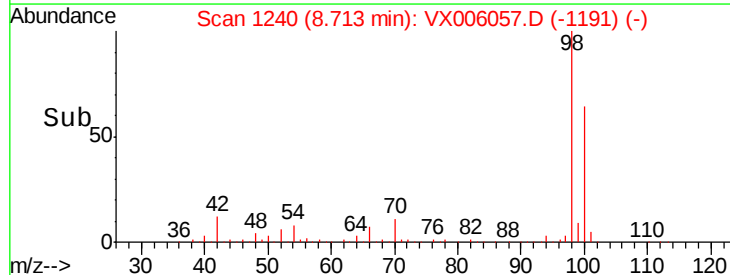
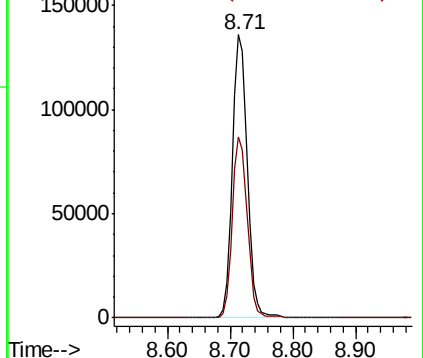


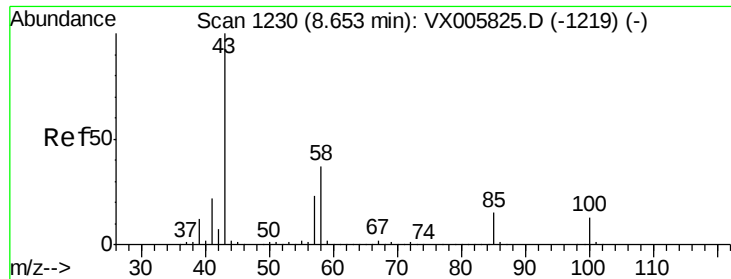
#50
Toluene-d8
Concen: 50.282 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Tgt Ion: 98 Resp: 224982
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



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

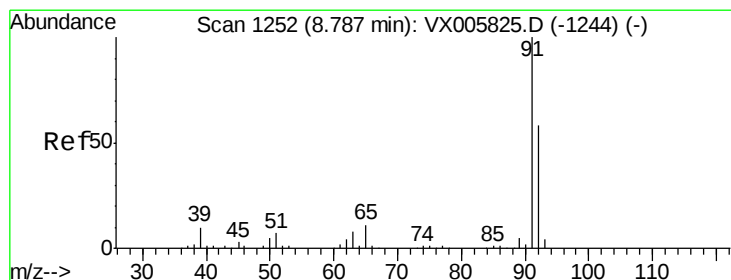
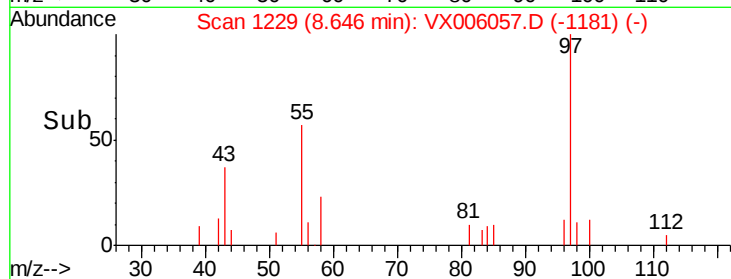
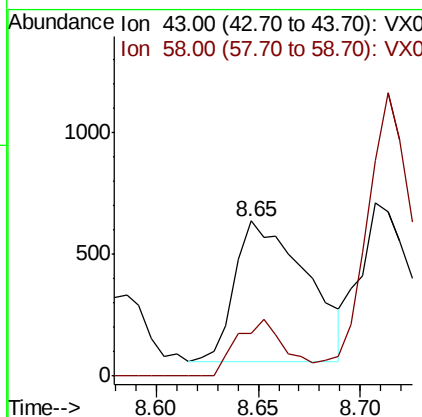
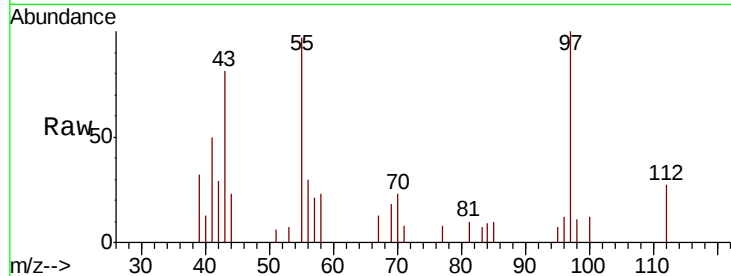




#51
 4-Methyl-2-Pentanone
 Concen: 0.613 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

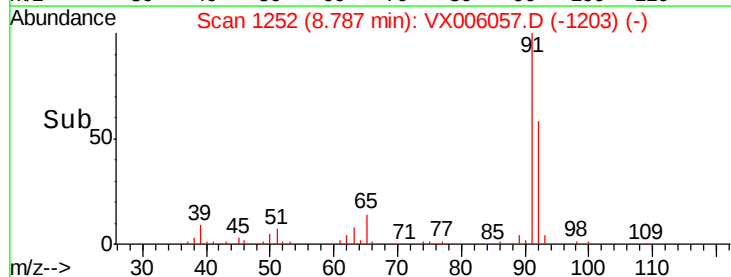
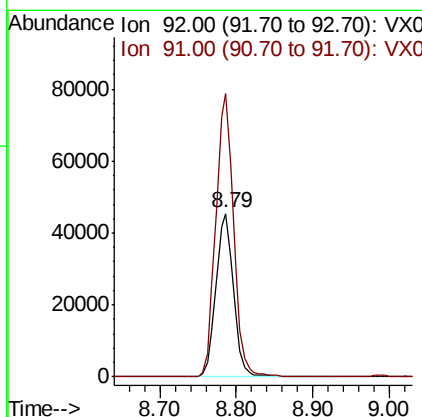
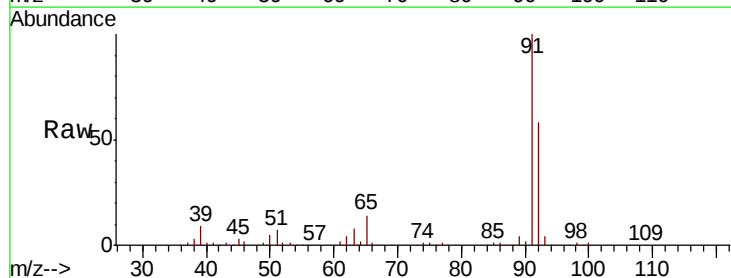
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

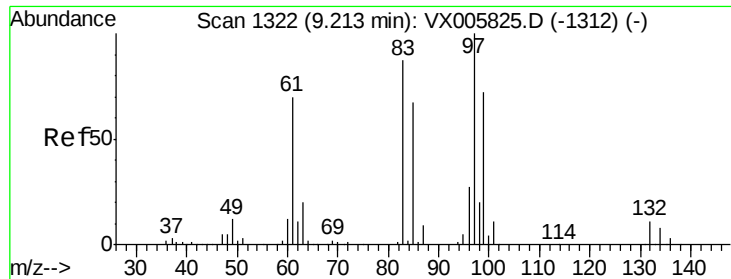
Tot Ion: 43 Resp: 1404
 Ion Ratio Lower Upper
 43 100
 58 27.9 29.7 44.5#



#52
 Toluene
 Concen: 23.214 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Tgt Ion: 92 Resp: 72150
 Ion Ratio Lower Upper
 92 100
 91 176.6 140.4 210.6

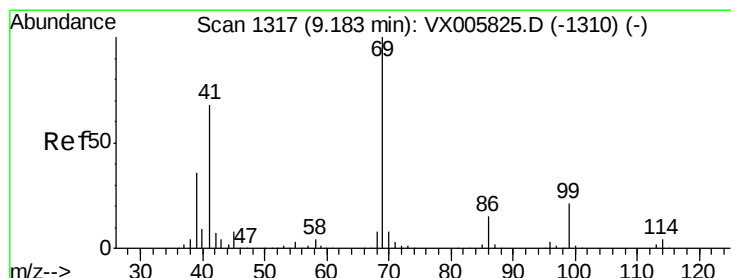
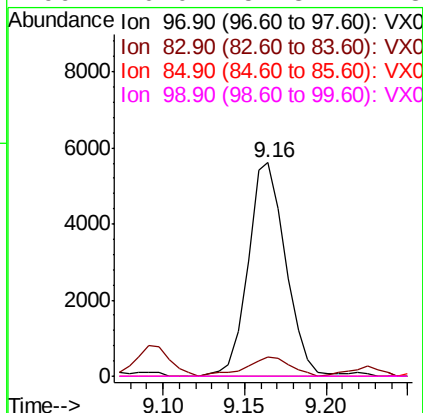
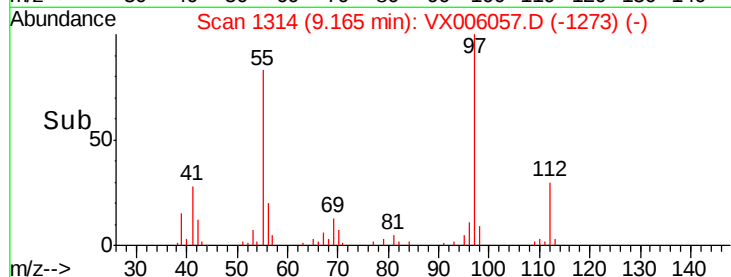
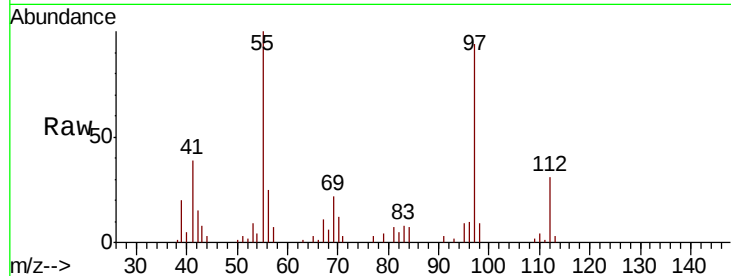




#55
 1,1,2-Trichloroethane
 Concen: 6.485 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

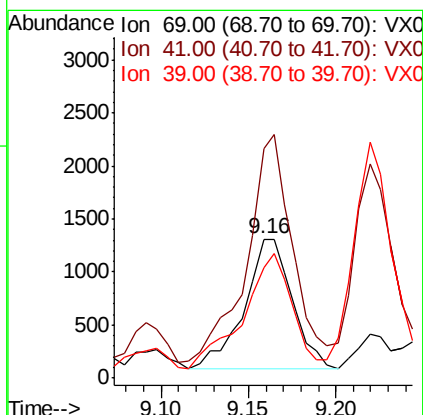
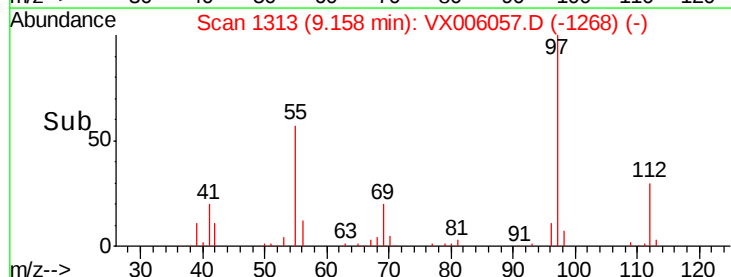
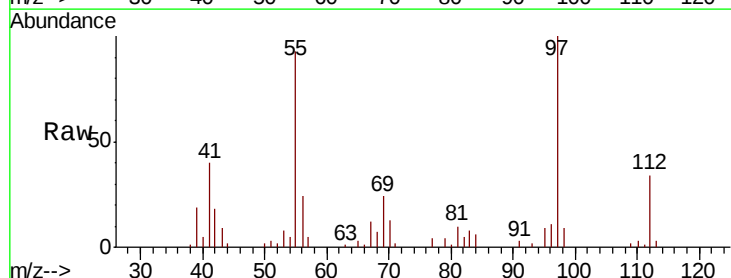
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

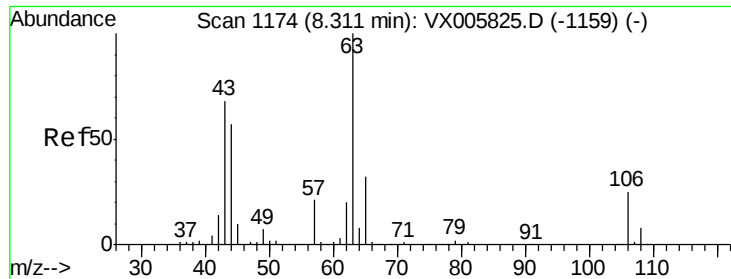
Tot Ion: 97 Resp: 8983
 Ion Ratio Lower Upper
 97 100
 83 7.4 70.7 106.1#
 85 0.0 45.8 68.6#
 99 0.0 51.8 77.8#



#56
 Ethyl methacrylate
 Concen: 1.124 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Tgt Ion: 69 Resp: 2329
 Ion Ratio Lower Upper
 69 100
 41 165.0 57.0 85.6#
 39 89.6 28.3 42.5#

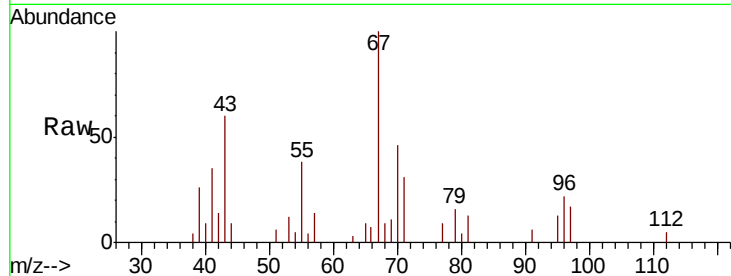




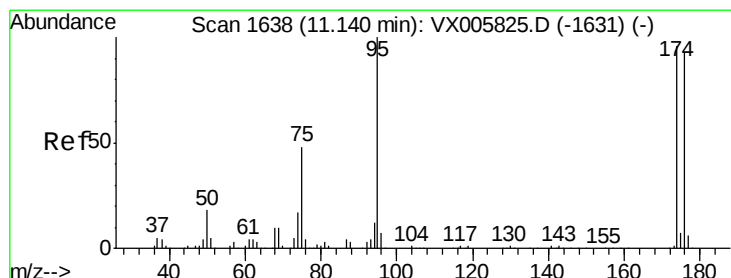
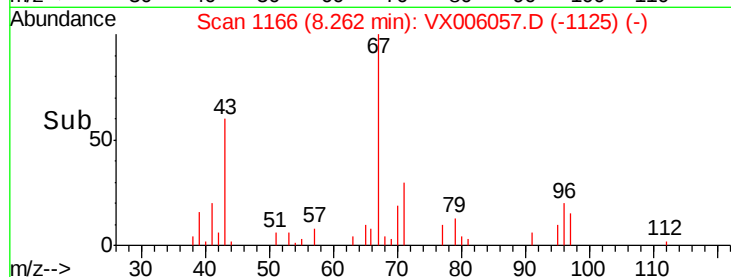
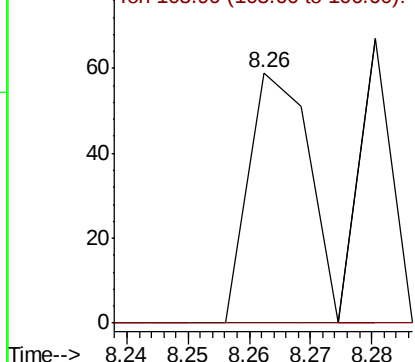
#58
 2-Chloroethyl Vinyl ether
 Concen: 8.313 ug/l
 RT: 8.26 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

Tot Ion: 63 Resp: 40
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#

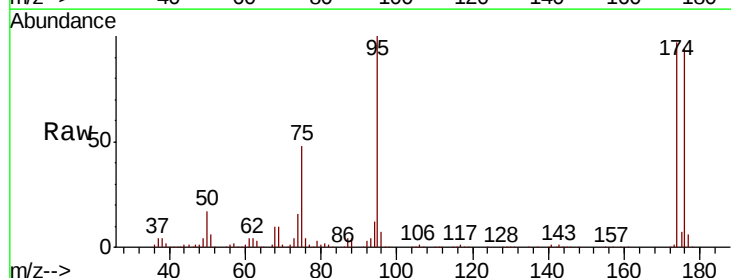


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

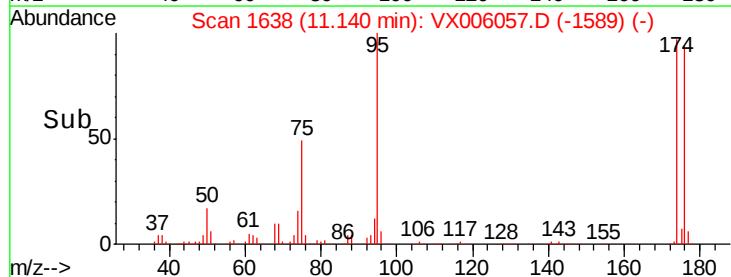
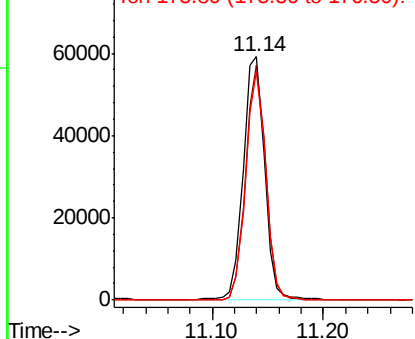


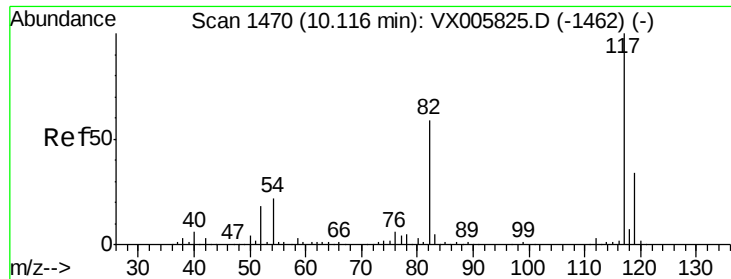
#62
 4-Bromofluorobenzene
 Concen: 49.056 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Tgt Ion: 95 Resp: 78917
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 184.4
 176 88.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

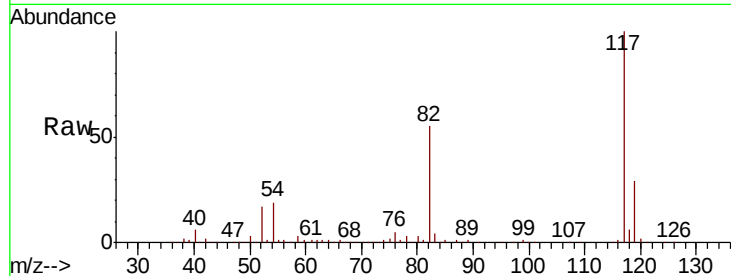




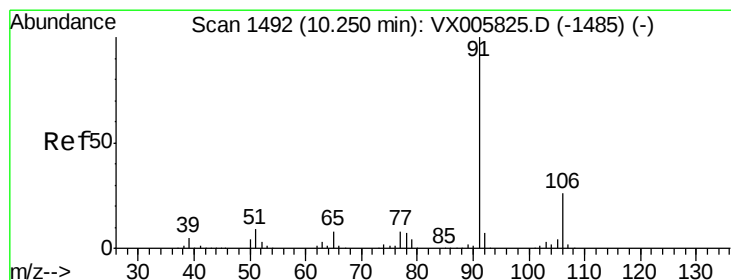
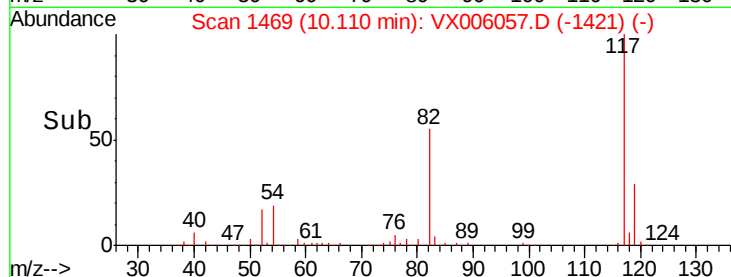
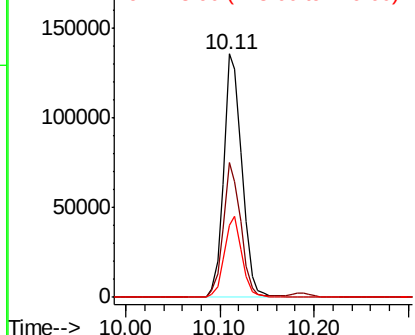
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418

Tot Ion:117 Resp: 181897
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 29.4 26.2 39.2

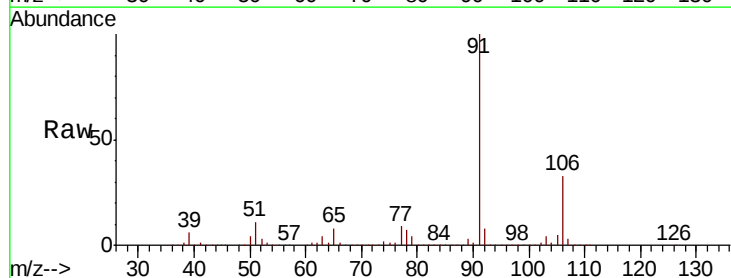


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

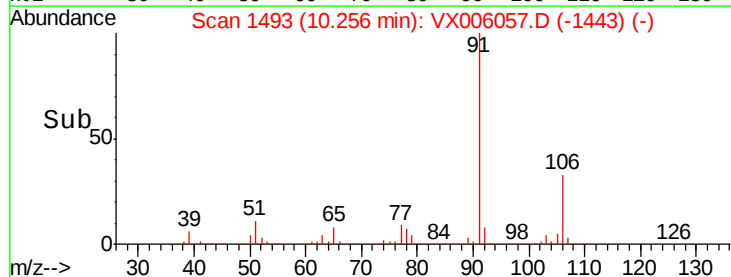
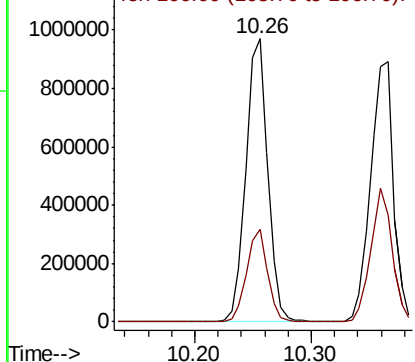


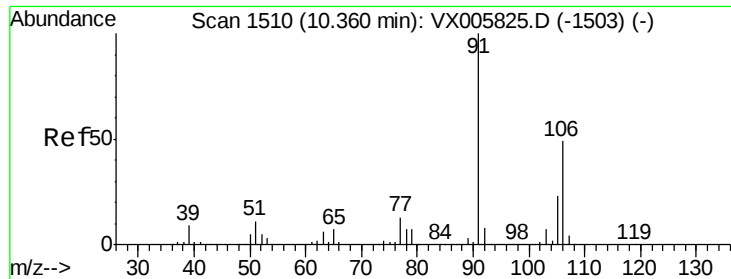
#67
Ethyl Benzene
Concen: 218.926 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Tgt Ion: 91 Resp: 1279232
Ion Ratio Lower Upper
91 100
106 32.9 24.4 36.6



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

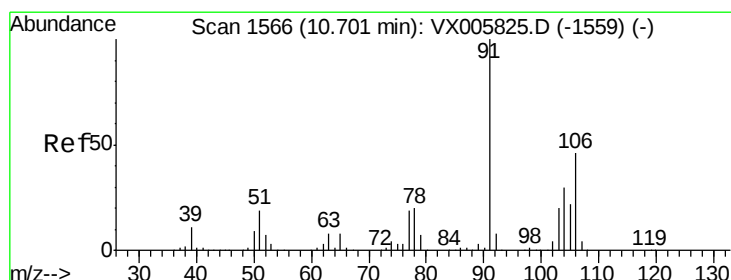
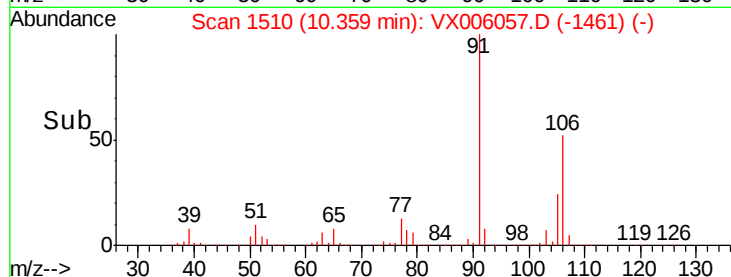
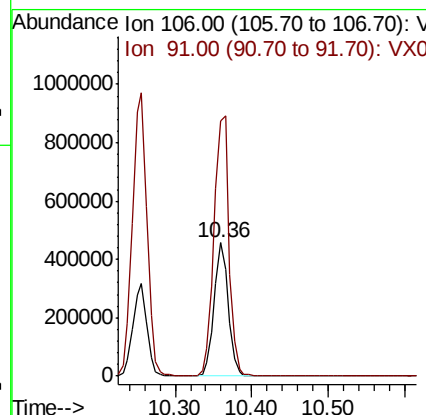
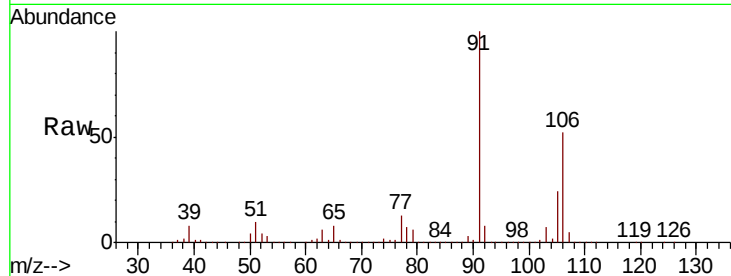




#68
m/p-Xylenes
Concen: 264.138 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

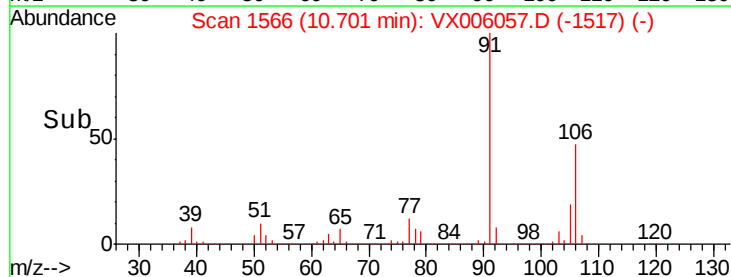
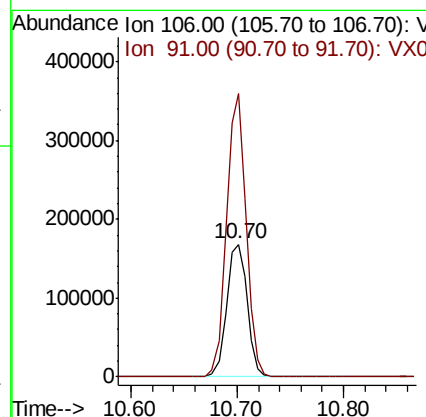
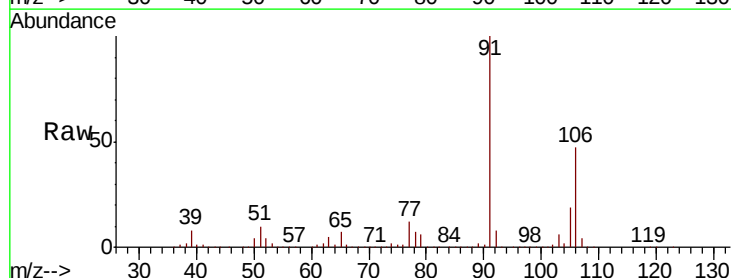
Instrument :
MSVOA_X
ClientSampleId :
MW-2-111418

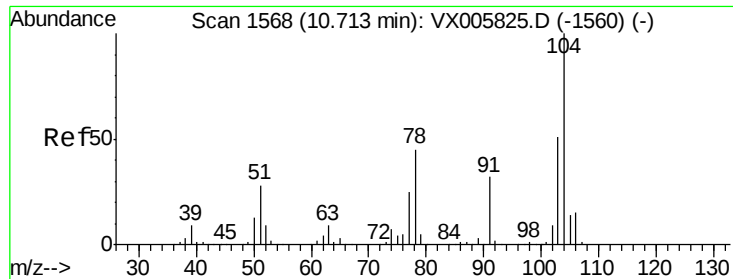
Tot Ion:106 Resp: 588717
Ion Ratio Lower Upper
106 100
91 208.4 164.2 246.4



#69
o-Xylene
Concen: 113.101 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006057.D
Acq: 16 Nov 2018 18:28

Tgt Ion:106 Resp: 226042
Ion Ratio Lower Upper
106 100
91 204.1 108.5 325.5





#70

Stvrene

Concen: 3.538 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418

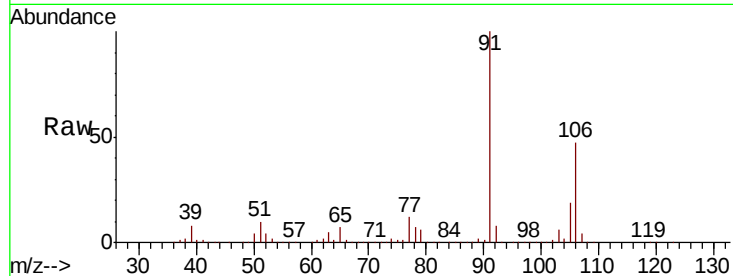
Tot Ion:104 Resp: 11664

Ion Ratio Lower Upper

104 100

78 270.4 40.2 60.4#

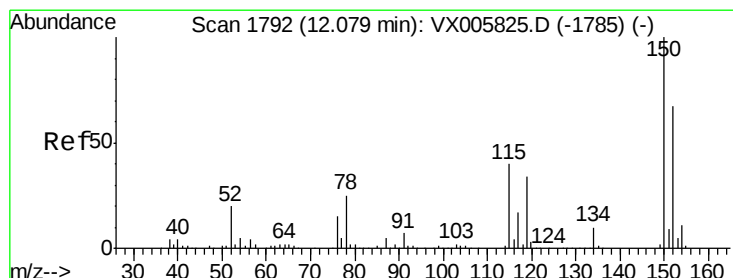
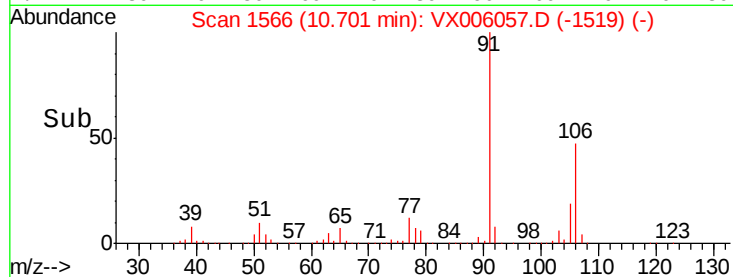
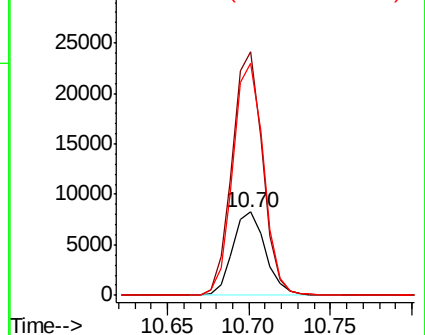
103 260.4 44.9 67.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

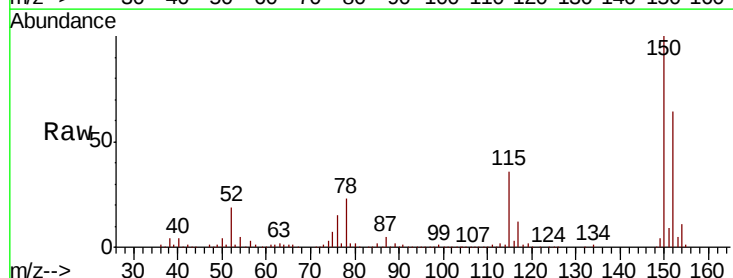
Tgt Ion:152 Resp: 83180

Ion Ratio Lower Upper

152 100

115 57.1 39.4 118.1

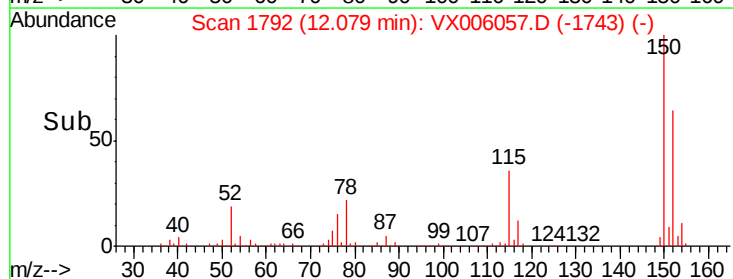
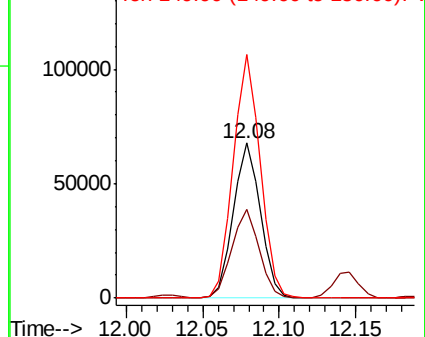
150 156.8 0.0 346.4

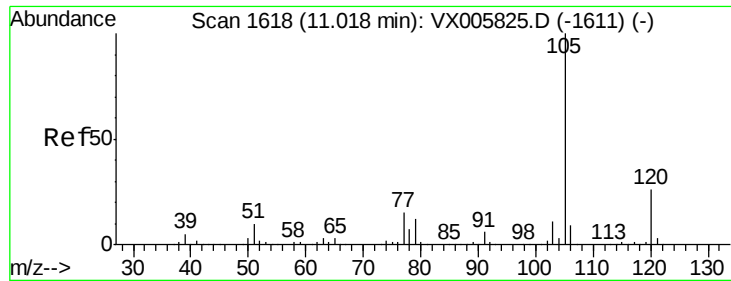


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.160 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

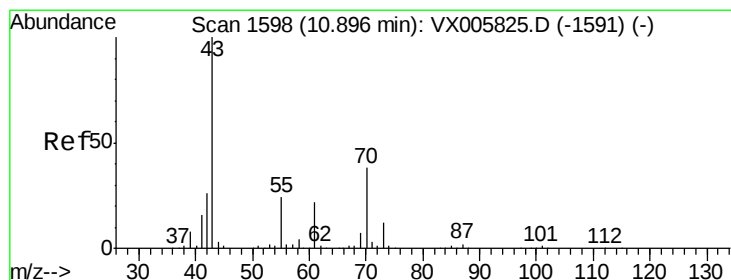
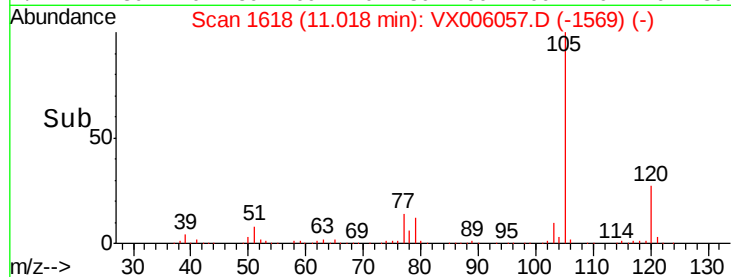
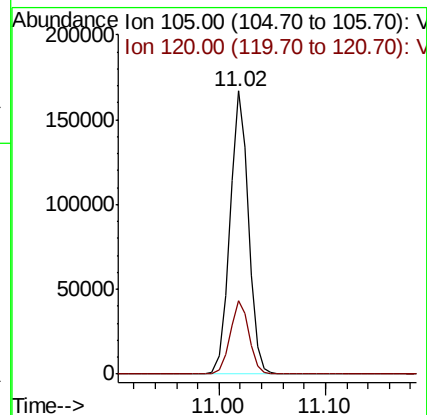
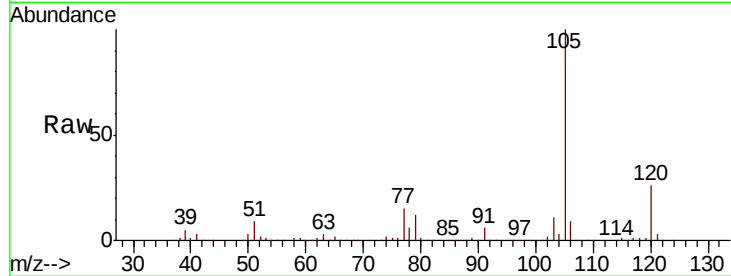
MW-2-111418

Tot Ion:105 Resp: 202800

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 1.314 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Tgt Ion: 43 Resp: 176

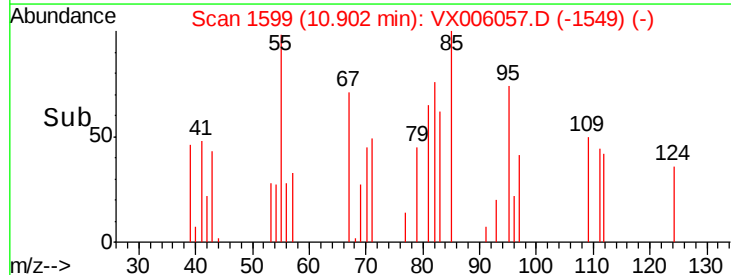
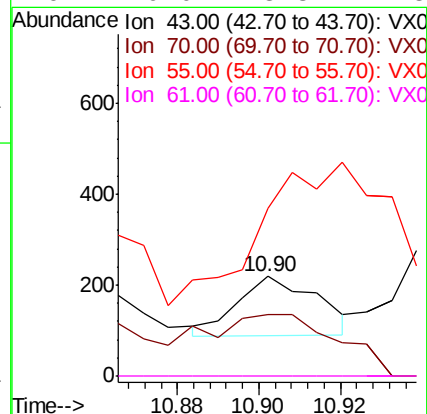
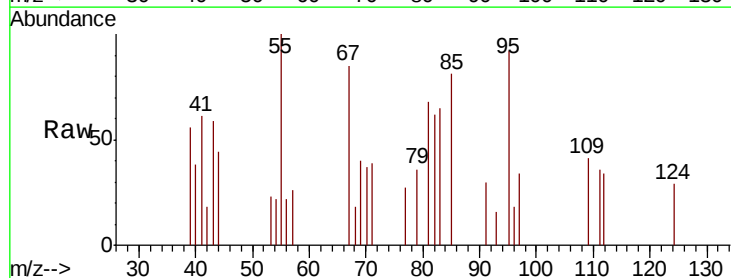
Ion Ratio Lower Upper

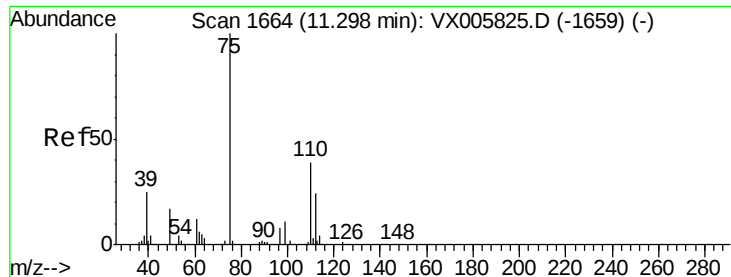
43 100

70 172.2 31.6 47.4#

55 340.9 19.7 29.5#

61 0.0 18.3 27.5#





#76

1,2,3-Trichloropropane

Concen: 2.033 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

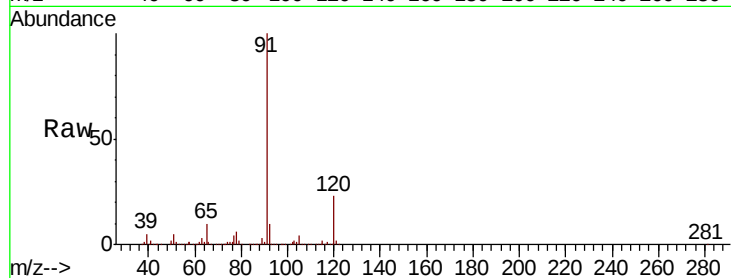
MW-2-111418

Tot Ion: 75 Resp: 3443

Ion Ratio Lower Upper

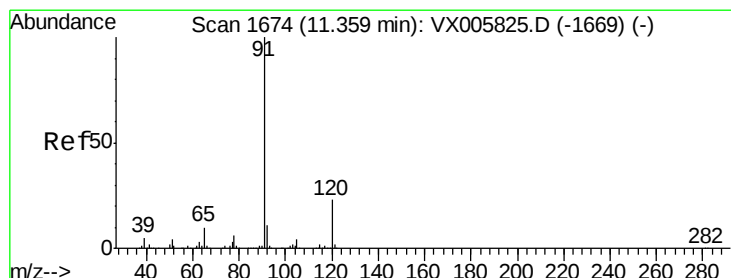
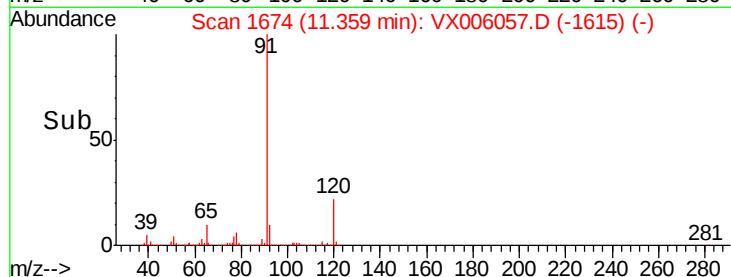
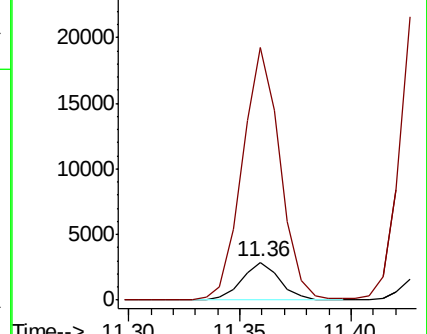
75 100

77 663.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 102.828 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006057.D

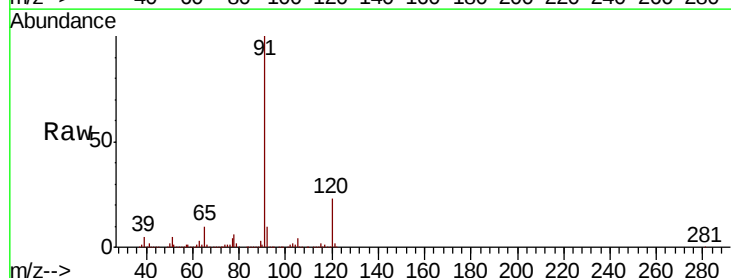
Acq: 16 Nov 2018 18:28

Tgt Ion: 91 Resp: 582927

Ion Ratio Lower Upper

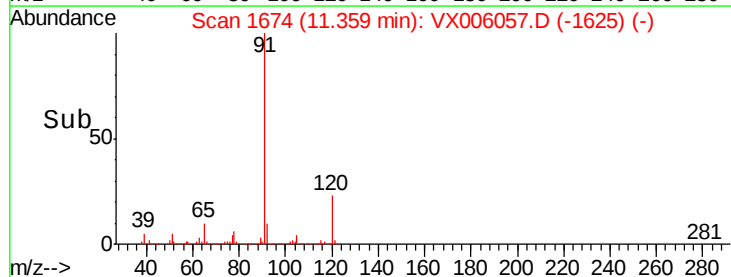
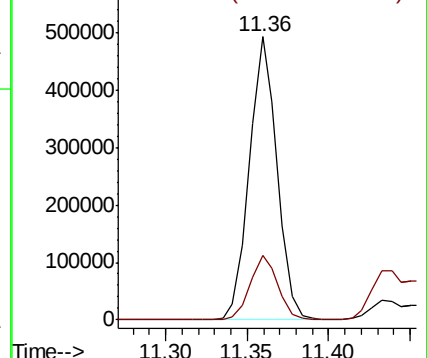
91 100

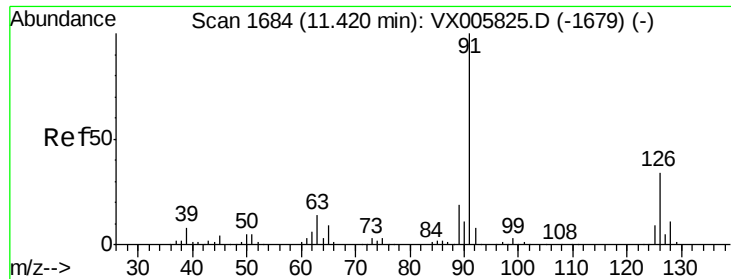
120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

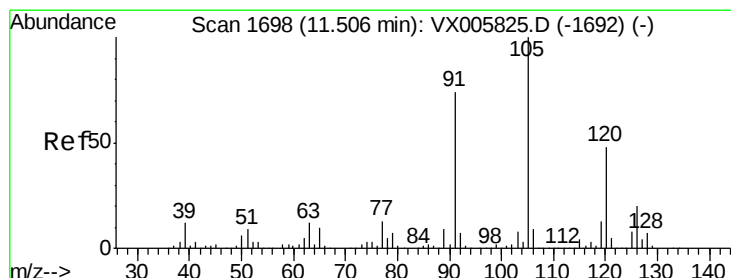
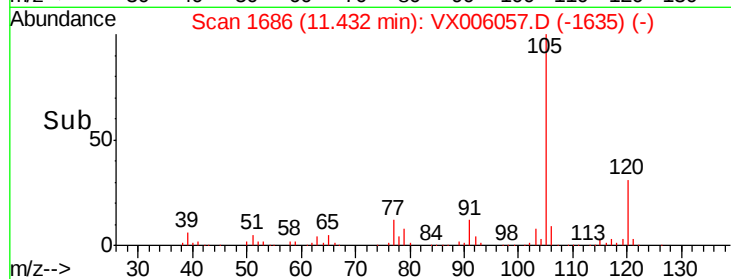
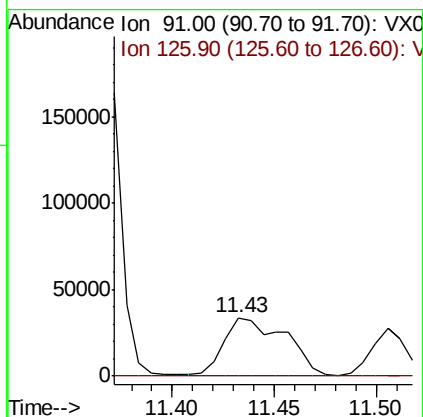
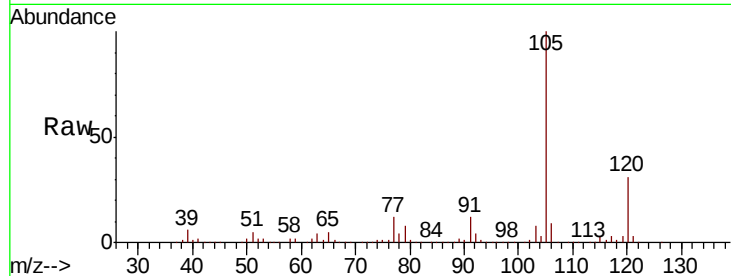




#79
 2-Chlorotoluene
 Concen: 20.665 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

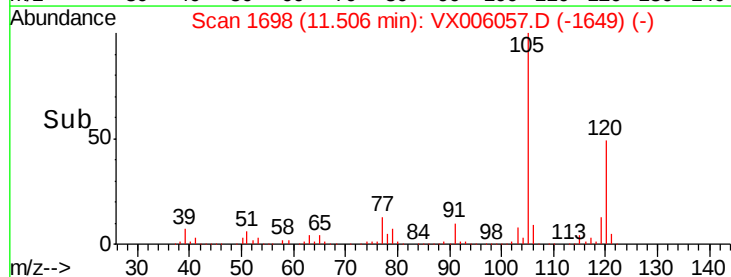
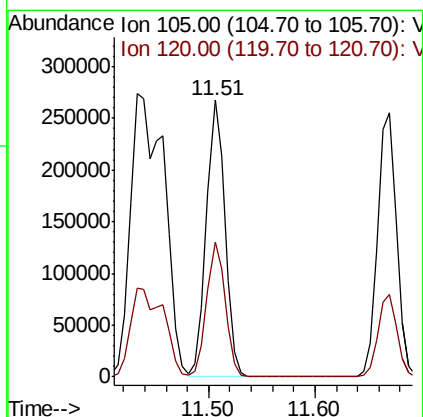
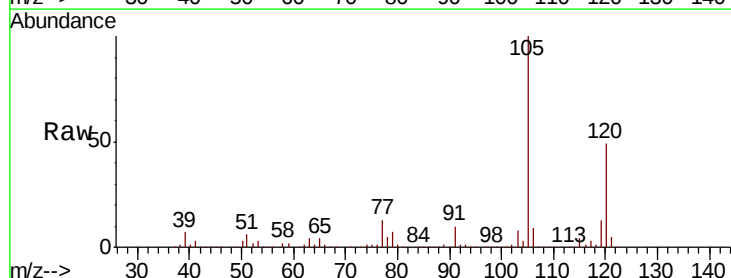
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

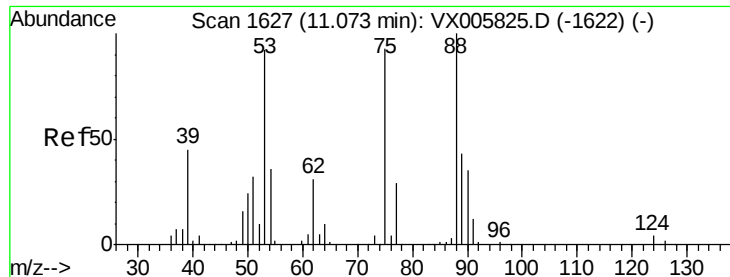
Tot Ion: 91 Resp: 70808
 Ion Ratio Lower Upper
 91 100
 126 0.3 17.3 52.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 77.159 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Tgt Ion: 105 Resp: 315401
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.341 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418

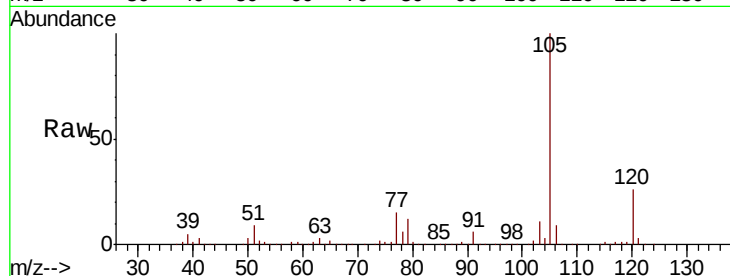
Tot Ion: 75 Resp: 2307

Ion Ratio Lower Upper

75 100

53 118.4 80.2 120.2

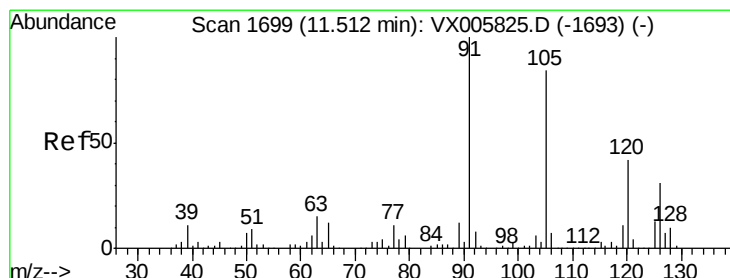
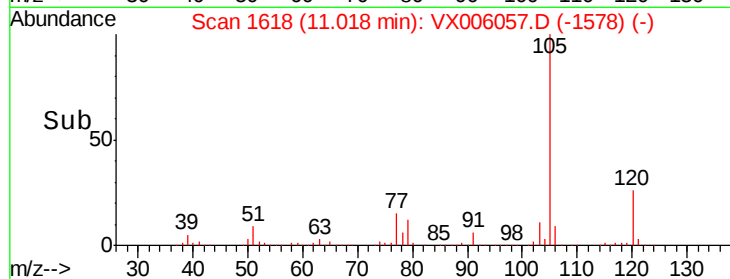
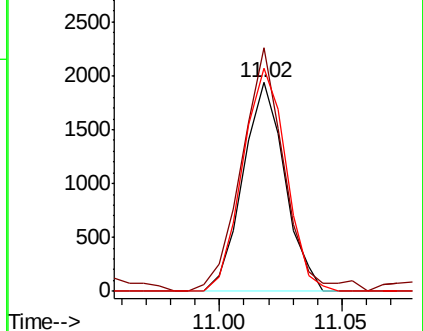
89 110.7 39.8 59.8#



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: 8.086 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006057.D

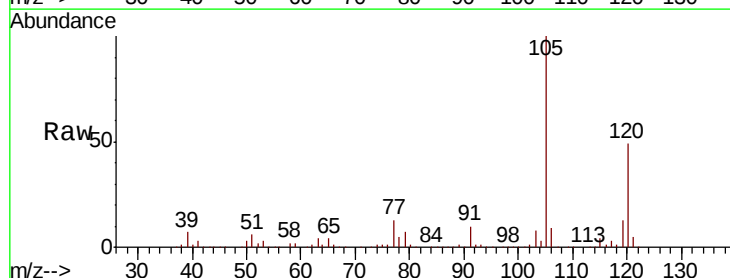
Acq: 16 Nov 2018 18:28

Tgt Ion: 91 Resp: 32652

Ion Ratio Lower Upper

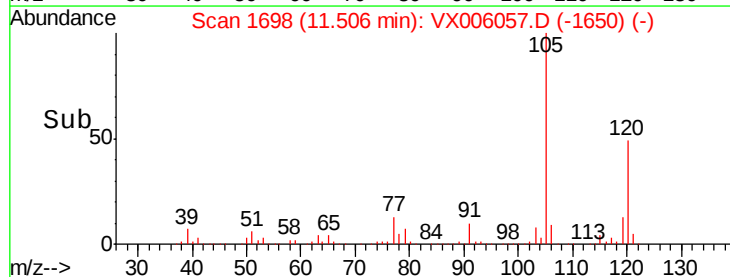
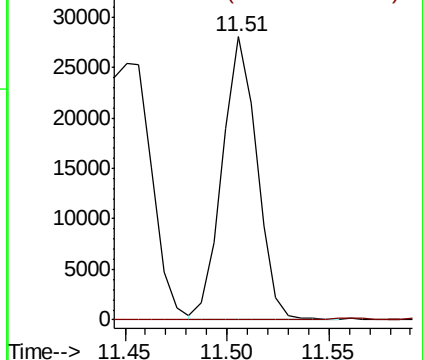
91 100

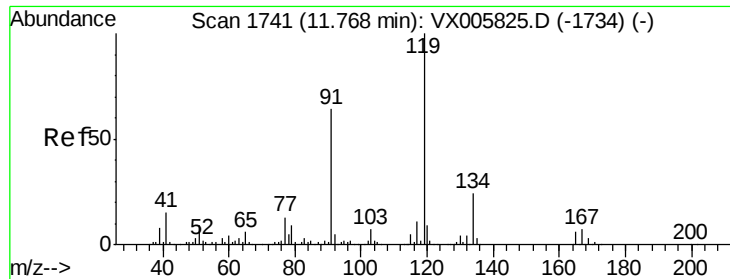
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.407 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418

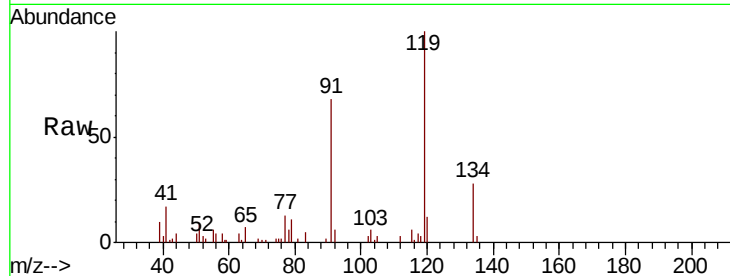
Tot Ion:119 Resp: 5817

Ion Ratio Lower Upper

119 100

91 0.0 28.5 85.5#

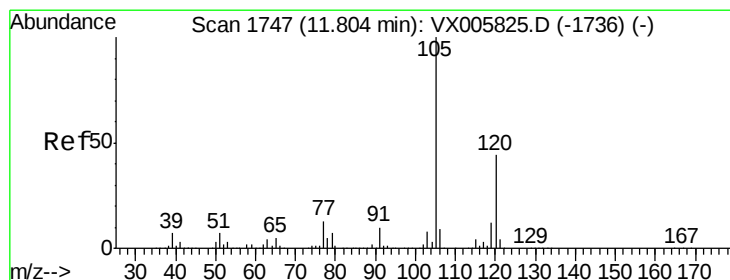
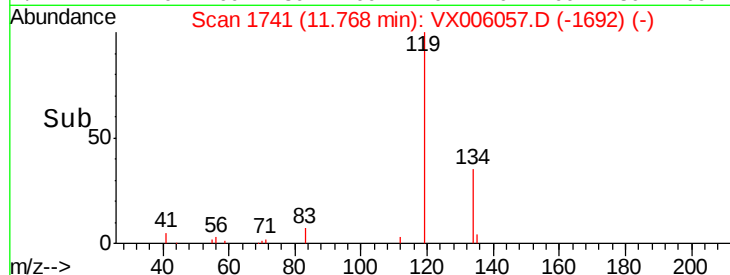
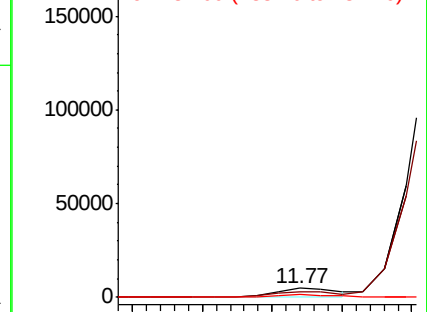
134 29.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 312.393 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006057.D

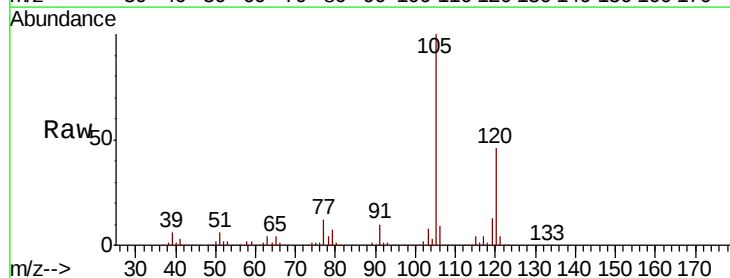
Acq: 16 Nov 2018 18:28

Tgt Ion:105 Resp: 1406399

Ion Ratio Lower Upper

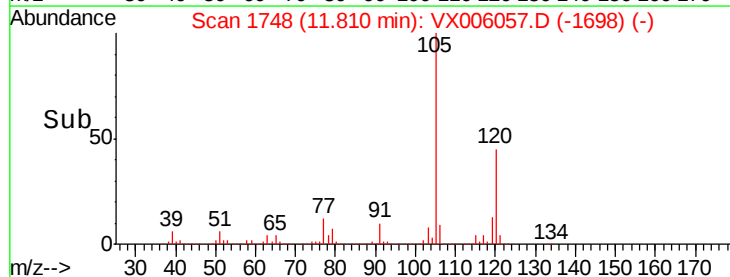
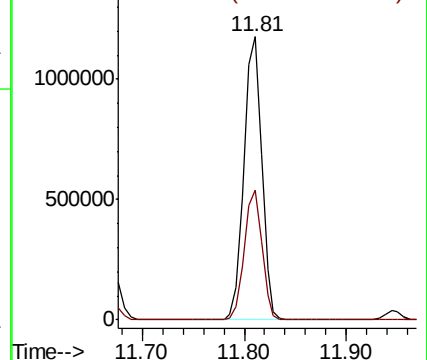
105 100

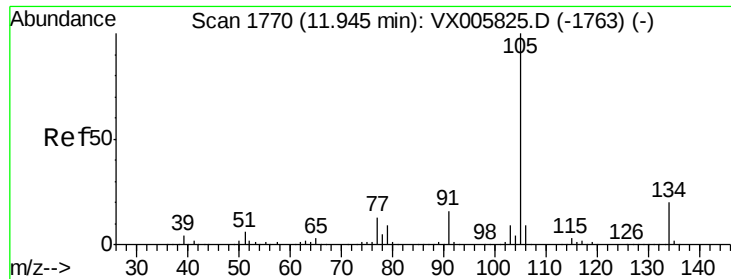
120 45.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 9.348 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

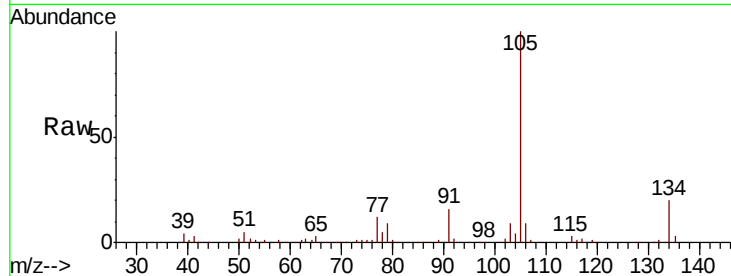
MW-2-111418

Tot Ion:105 Resp: 47271

Ion Ratio Lower Upper

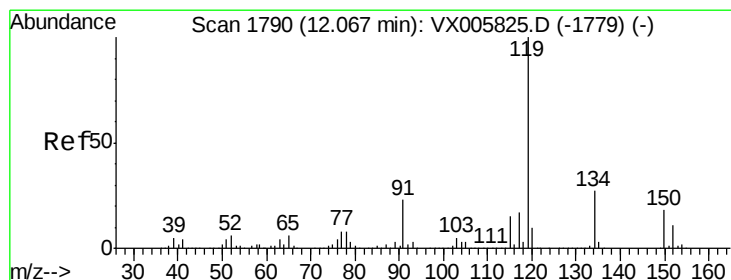
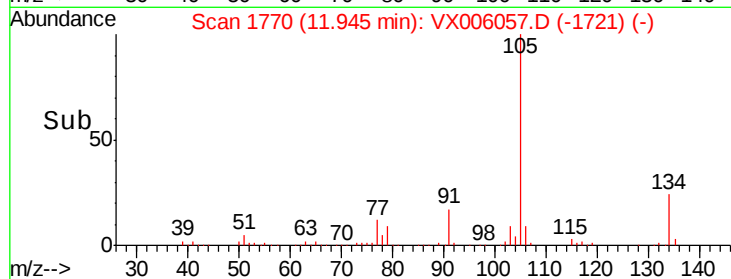
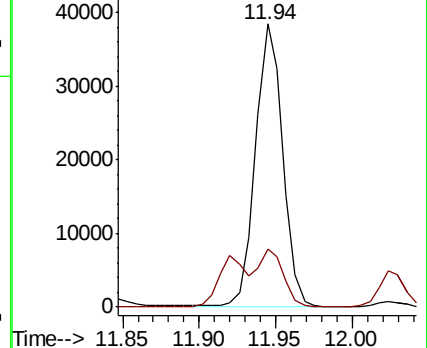
105 100

134 19.1 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: 4.793 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

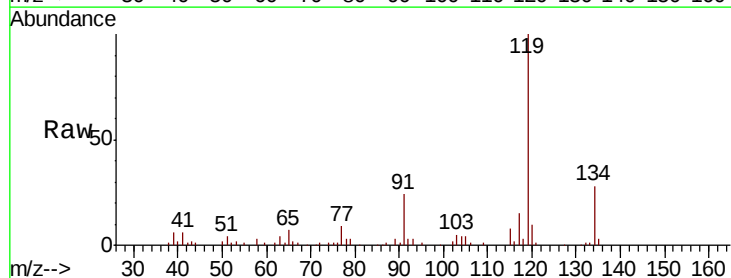
Tgt Ion:119 Resp: 21468

Ion Ratio Lower Upper

119 100

134 27.3 13.0 39.0

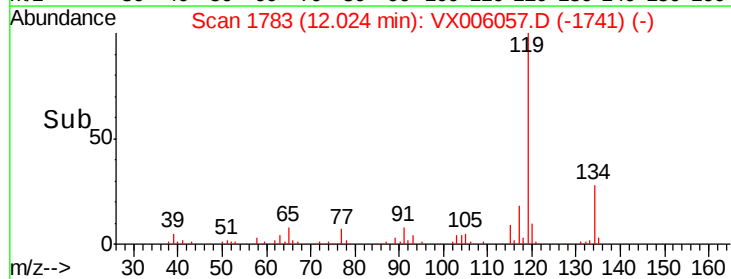
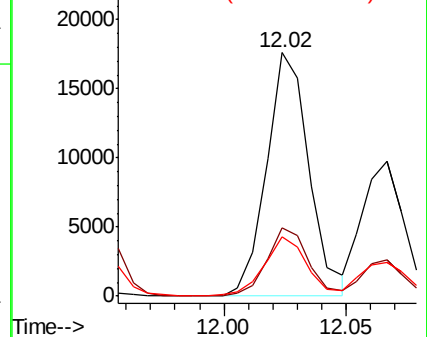
91 23.7 11.4 34.2

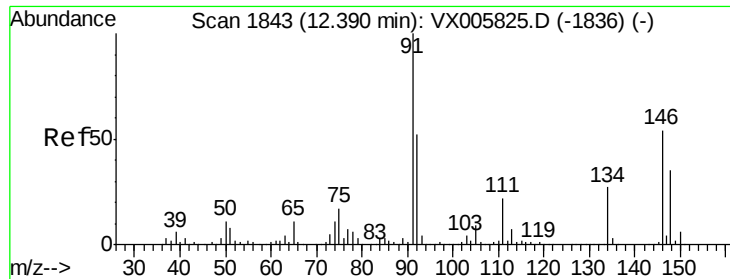


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 17.803 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006057.D

Acq: 16 Nov 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2-111418

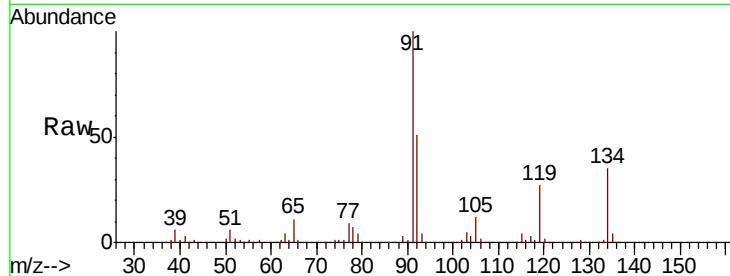
Tot Ion: 91 Resp: 73911

Ion Ratio Lower Upper

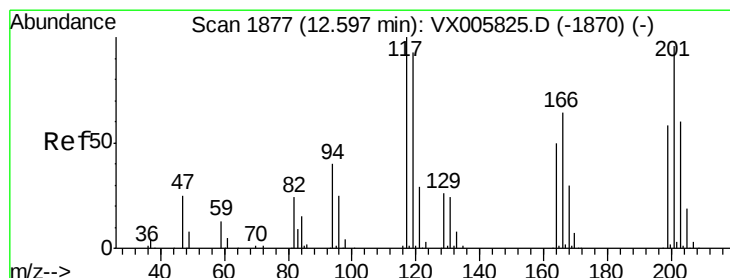
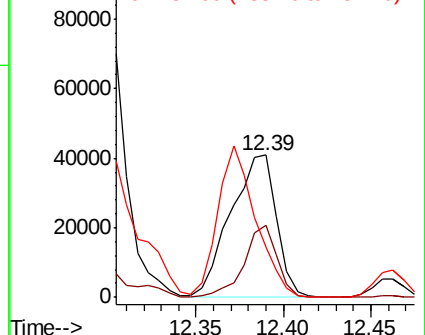
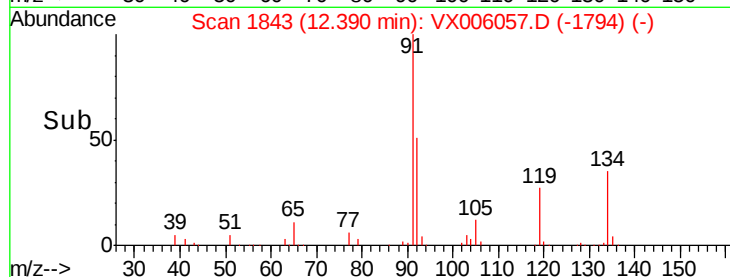
91 100

92 36.8 26.1 78.2

134 88.9 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX006057.D (-1794) (-)



#90

Hexachloroethane

Concen: 52.798 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006057.D

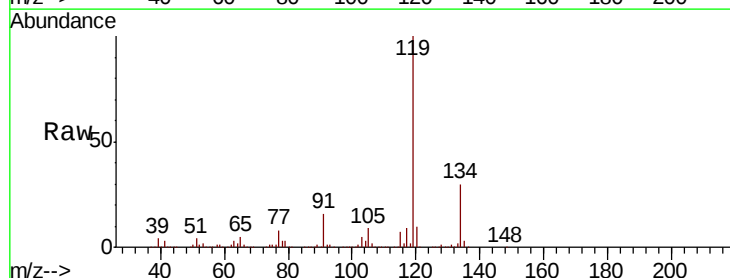
Acq: 16 Nov 2018 18:28

Tgt Ion: 117 Resp: 39485

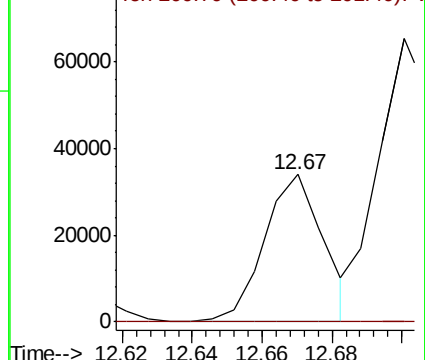
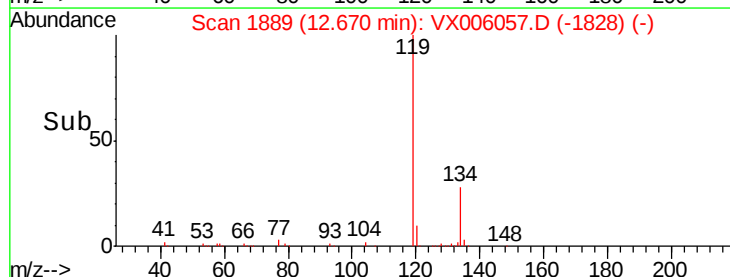
Ion Ratio Lower Upper

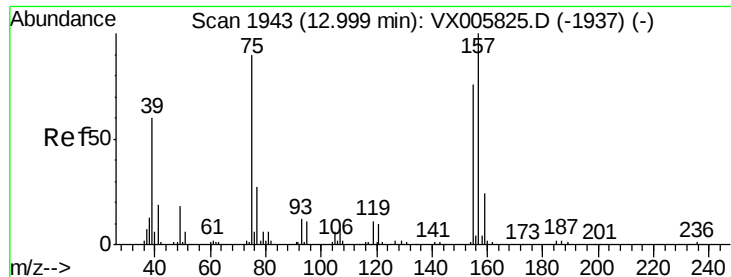
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): VX006057.D (-1828) (-)

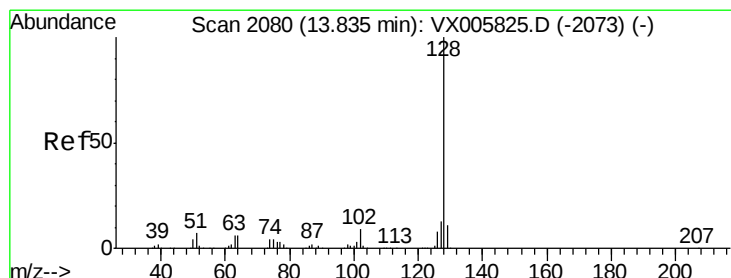
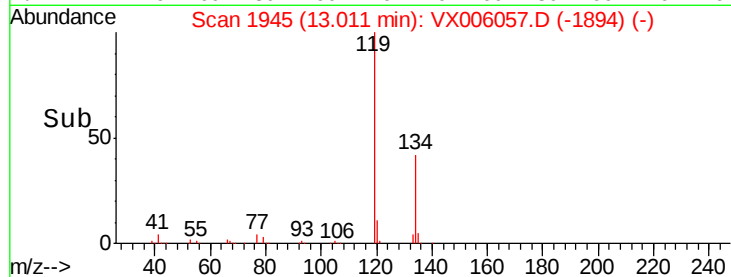
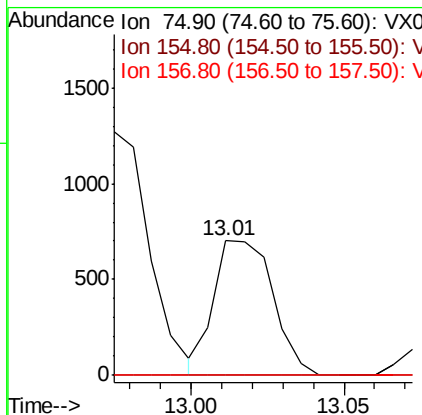
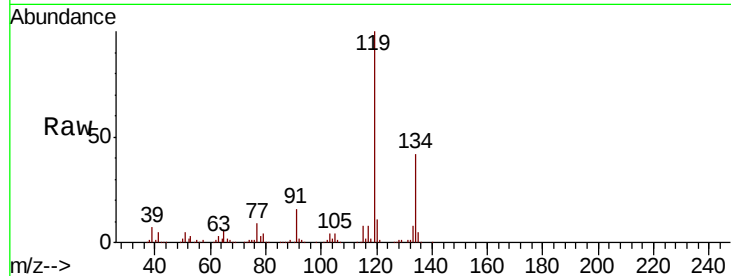




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.177 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-111418

Tot Ion: 75 Resp: 938
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.4 136.1#
 157 0.0 57.4 172.0#



#95
 Naphthalene
 Concen: 119.694 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006057.D
 Acq: 16 Nov 2018 18:28

Tgt Ion: 128 Resp: 726340
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.0 8.7 13.1

