

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004714.D
 Acq On : 19 Sep 2018 18:59
 Operator : JC/MD
 Sample : J4916-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20180911

Quant Time: Sep 20 03:51:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151725	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123264	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
35) Dibromofluoromethane	5.51	113	119608	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	
50) Toluene-d8	8.71	98	436657	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.14	95	148547	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds				Qvalue		
3) Chloromethane	1.32	50	694	0.26	ug/l #	87
5) Bromomethane	1.64	94	521	Below Cal	#	76
10) Methyl Iodide	2.53	142	267	4.35	ug/l #	76
11) Tert butyl alcohol	3.07	59	695	1.10	ug/l #	72
13) Acrolein	2.29	56	80	0.32	ug/l #	16
16) Acetone	2.45	43	6580	5.08	ug/l	94
18) Methyl Acetate	2.78	43	1830	0.50	ug/l	92
20) Methylene Chloride	2.85	84	1013	0.38	ug/l #	87
25) 2-Butanone	4.71	43	646	0.31	ug/l #	47
31) Cyclohexane	5.58	56	1107	0.29	ug/l #	78
36) 1,1-Dichloropropene	5.66	75	12827	3.41	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17201	4.69	ug/l #	15
39) Methylcyclohexane	7.46	83	3866	0.99	ug/l #	85
43) Isopropyl Acetate	6.35	43	78482	13.83	ug/l #	59
47) Bromodichloromethane	8.05	83	2663	0.83	ug/l #	35
48) Methyl methacrylate	7.68	41	14034	5.00	ug/l #	29
55) 1,1,2-Trichloroethane	9.16	97	2309	0.82	ug/l #	20
58) 2-Chloroethyl Vinyl ether	8.18	63	776	7.64	ug/l #	45
67) Ethyl Benzene	10.26	91	5088	0.44	ug/l	92
73) Isopropylbenzene	11.02	105	12471	1.25	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	68988	22.60	ug/l #	37
78) n-propylbenzene	11.36	91	23611	2.06	ug/l	99
79) 2-Chlorotoluene	11.36	91	23611	3.39	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	68988	72.04	ug/l #	10
82) 4-Chlorotoluene	11.36	91	23611	2.90	ug/l #	44
83) tert-Butylbenzene	11.77	119	3670	0.46	ug/l	87
84) 1,2,4-Trimethylbenzene	11.94	105	23615	2.75	ug/l #	30
85) sec-Butylbenzene	11.94	105	23615	2.32	ug/l	82
86) p-Isopropyltoluene	12.24	119	9353	1.04	ug/l	93
89) n-Butylbenzene	12.39	91	13644	1.66	ug/l #	75
90) Hexachloroethane	12.67	117	7290	5.06	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.97	75	533	0.77	ug/l #	6
95) Naphthalene	13.83	128	21687	2.09	ug/l #	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004714.D
Acq On : 19 Sep 2018 18:59
Operator : JC/MD
Sample : J4916-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

Quant Time: Sep 20 03:51:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

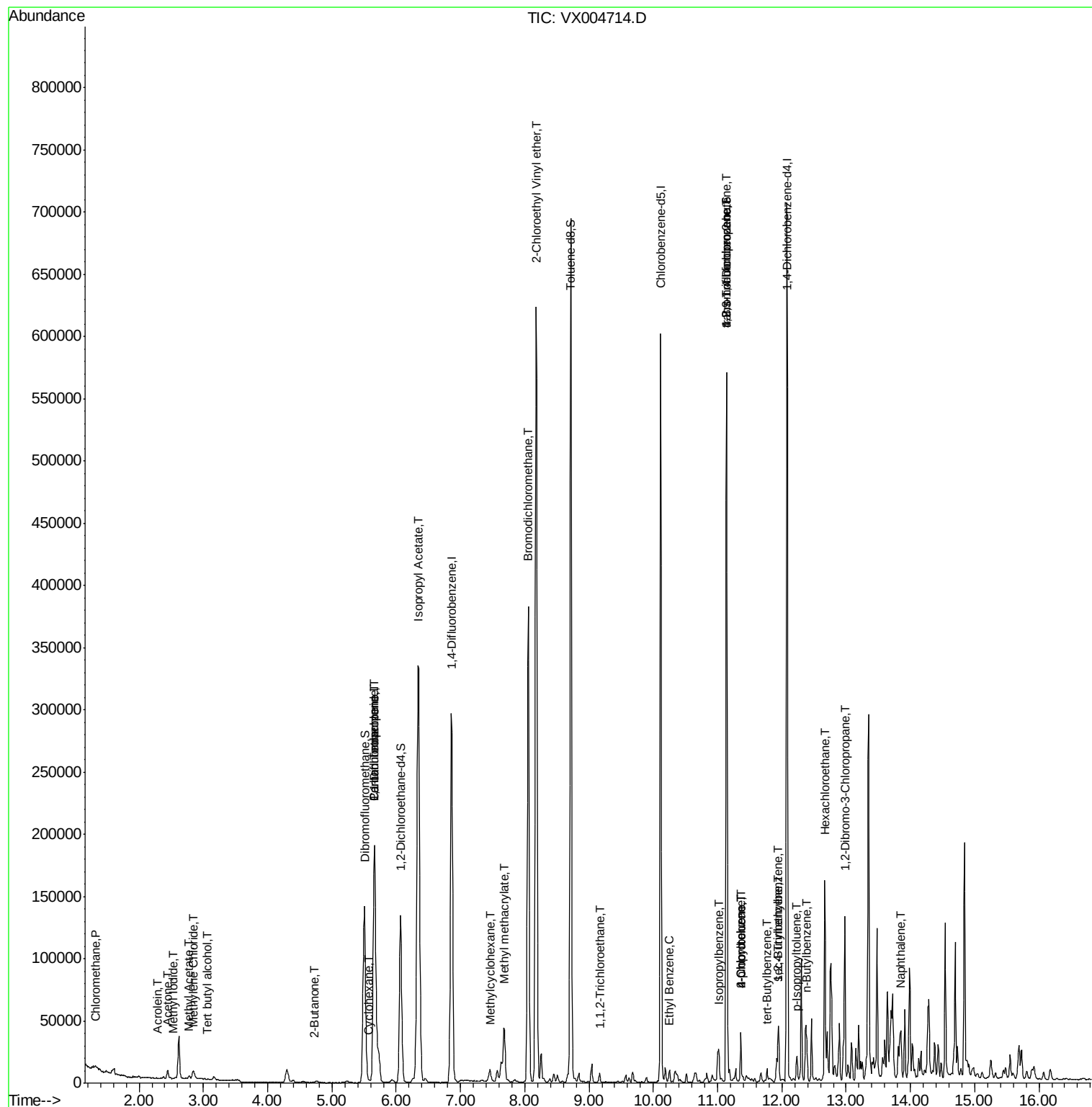
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

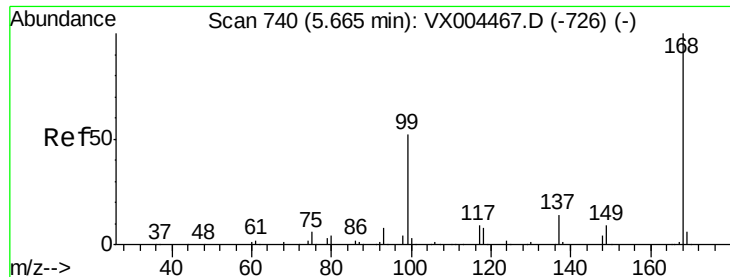
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004714.D
Acq On : 19 Sep 2018 18:59
Operator : JC/MD
Sample : J4916-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

Quant Time: Sep 20 03:51:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

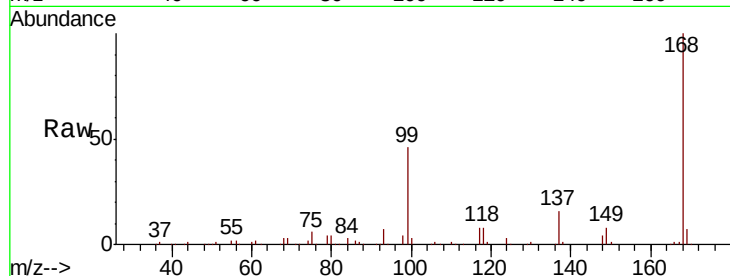
FC-MW02SR1-20180911

Tot Ion:168 Resp: 205953

Ion Ratio Lower Upper

168 100

99 45.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

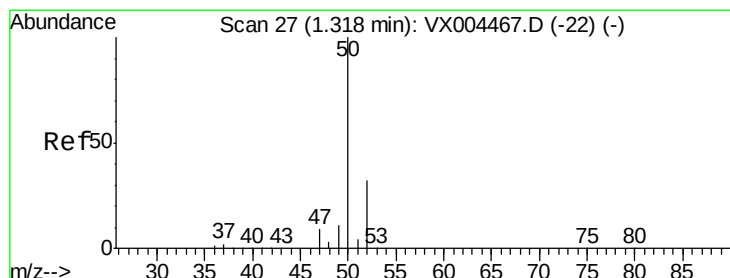
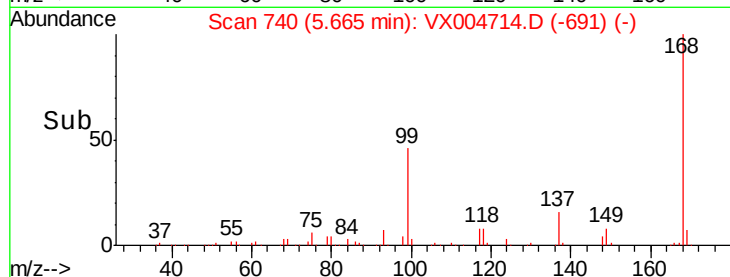
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.26 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004714.D

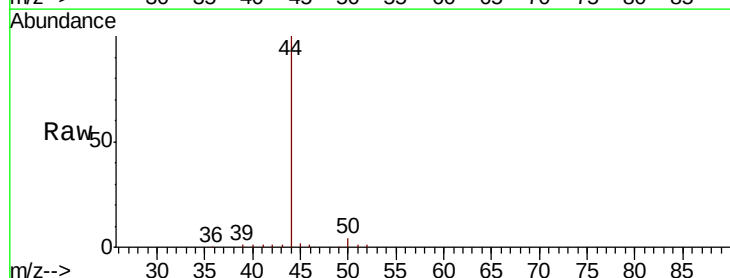
Acq: 19 Sep 2018 18:59

Tgt Ion: 50 Resp: 694

Ion Ratio Lower Upper

50 100

52 25.1 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

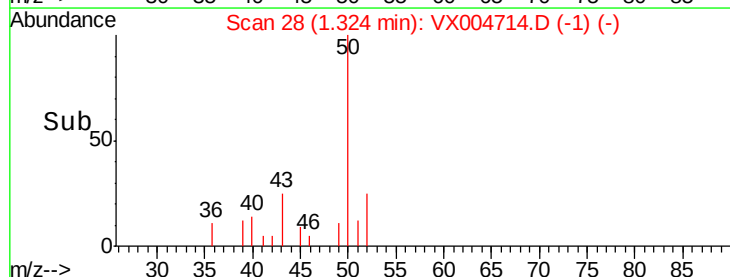
300

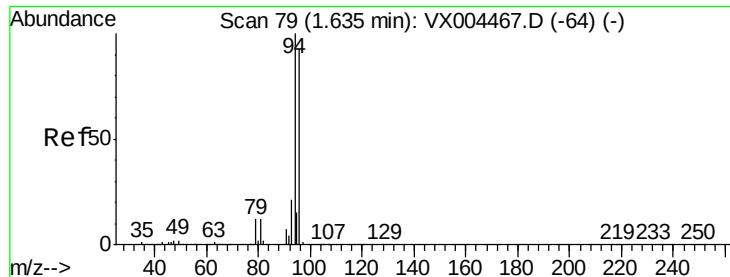
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

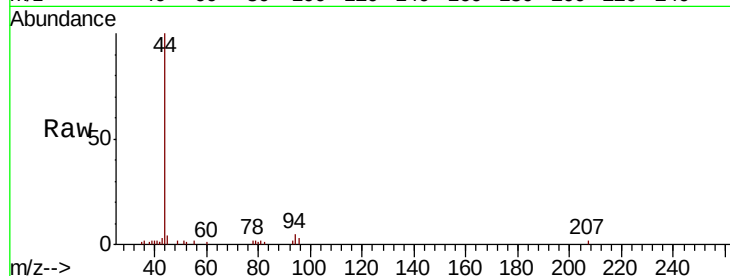
FC-MW02SR1-20180911

Tot Ion: 94 Resp: 521

Ion Ratio Lower Upper

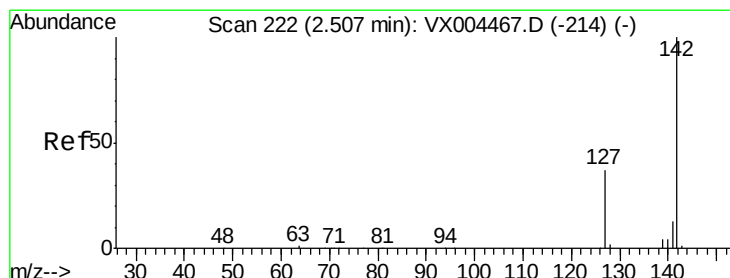
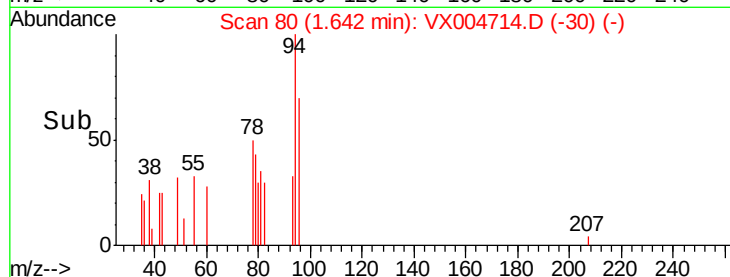
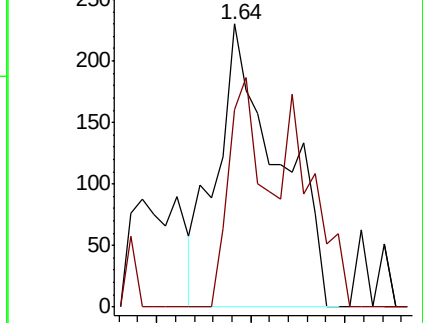
94 100

96 70.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.35 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

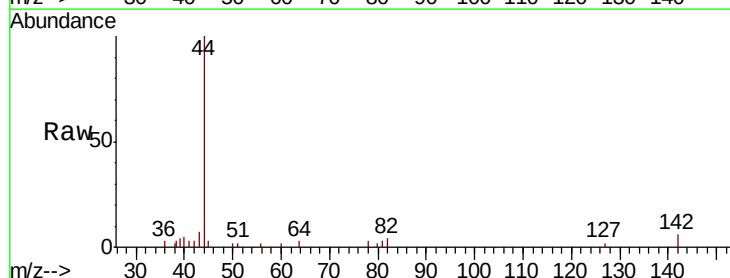
Tgt Ion: 142 Resp: 267

Ion Ratio Lower Upper

142 100

127 29.6 33.8 50.6#

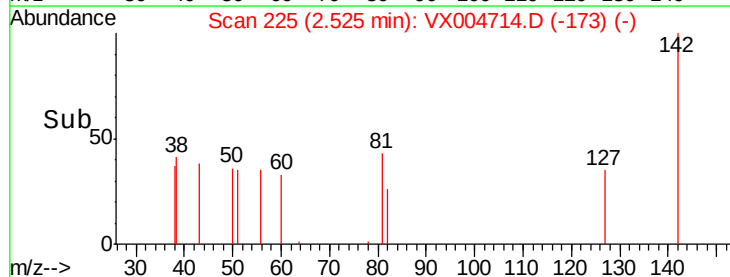
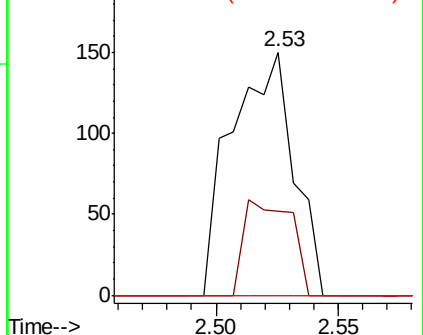
141 0.0 11.4 17.0#

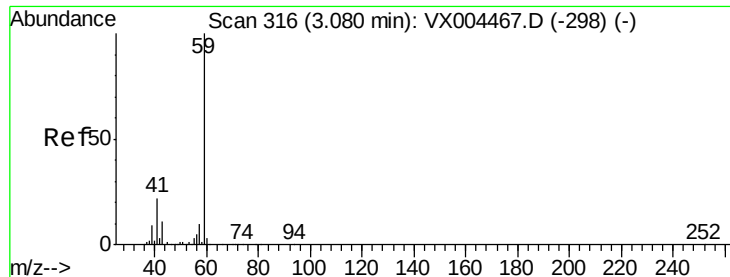


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

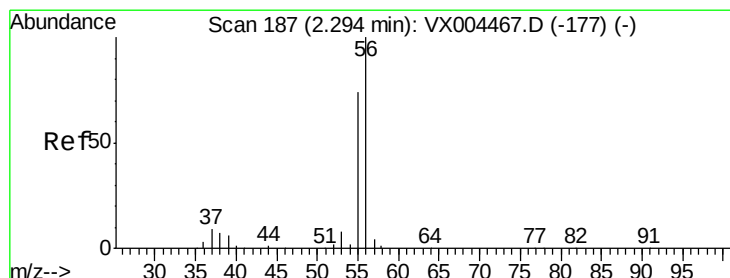
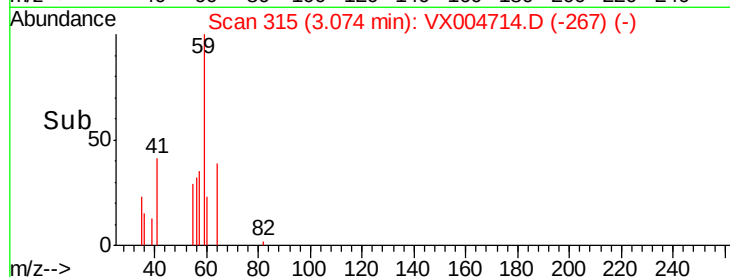
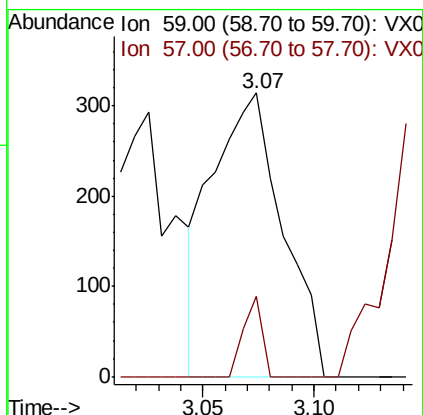
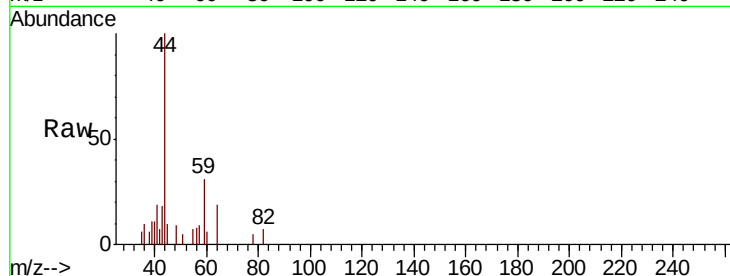




#11
Tert butyl alcohol
Concen: 1.10 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

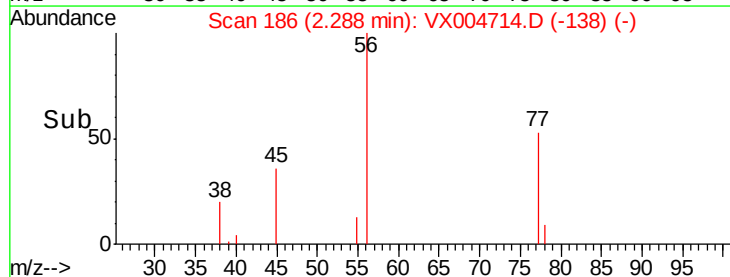
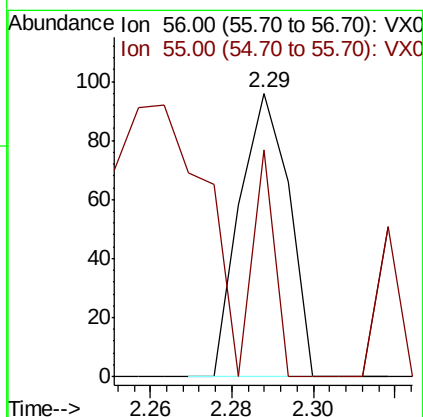
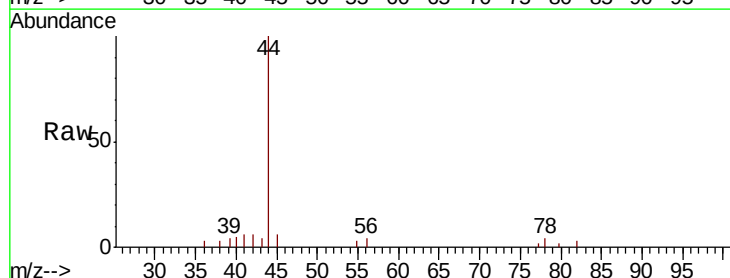
Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

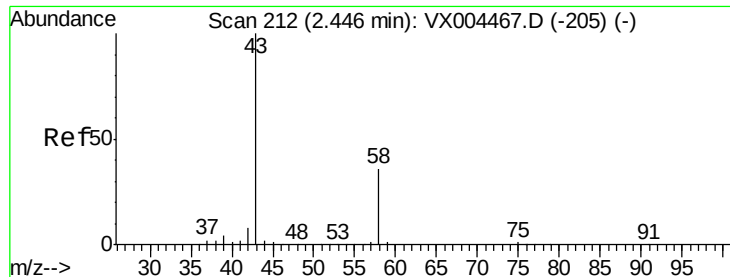
Tot Ion: 59 Resp: 695
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.32 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#





#16

Acetone

Concen: 5.08 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

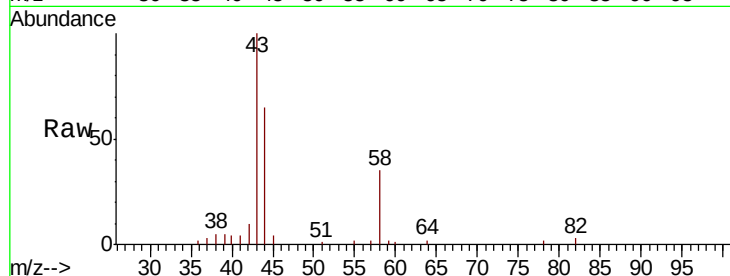
FC-MW02SR1-20180911

Tot Ion: 43 Resp: 6580

Ion Ratio Lower Upper

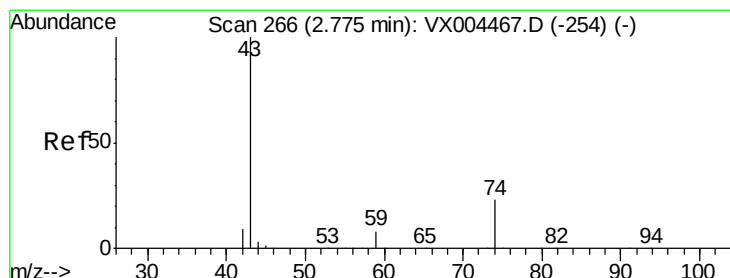
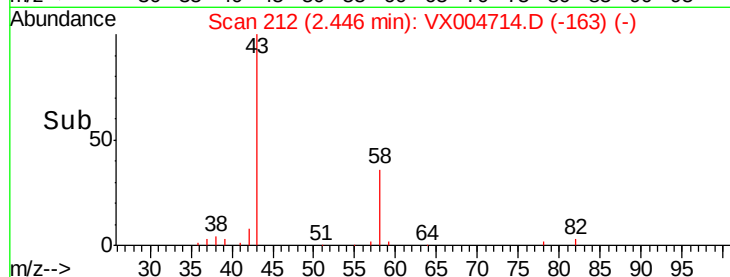
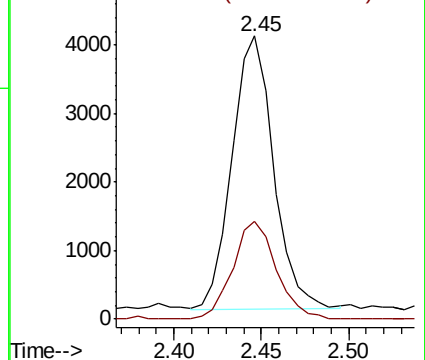
43 100

58 36.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.50 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX004714.D

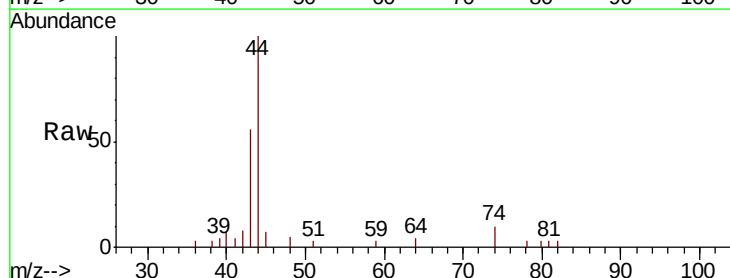
Acq: 19 Sep 2018 18:59

Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

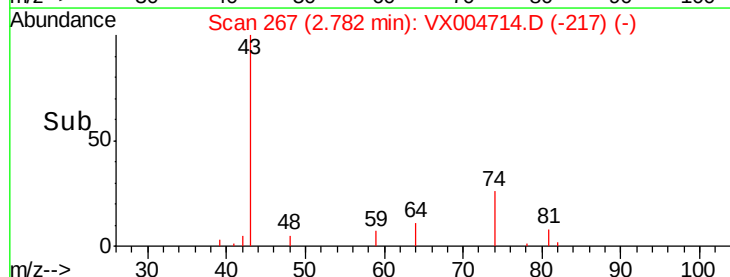
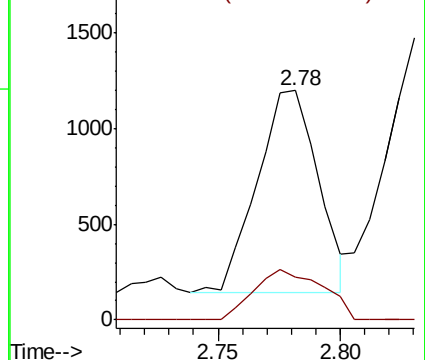
43 100

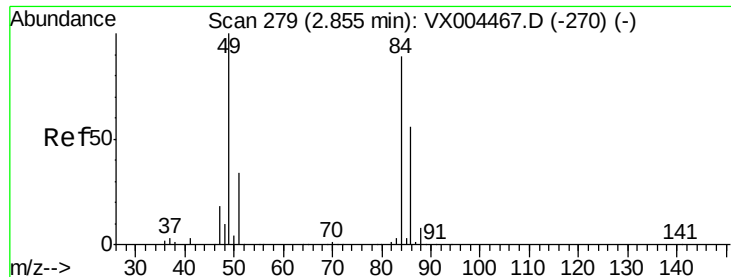
74 28.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

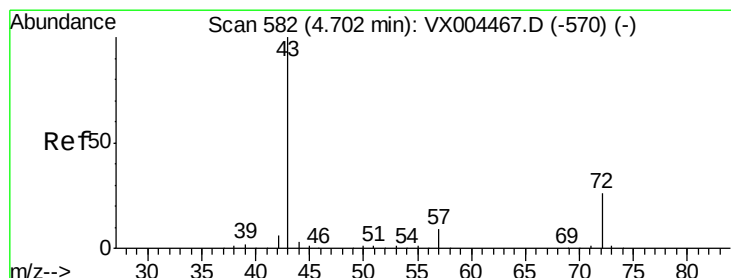
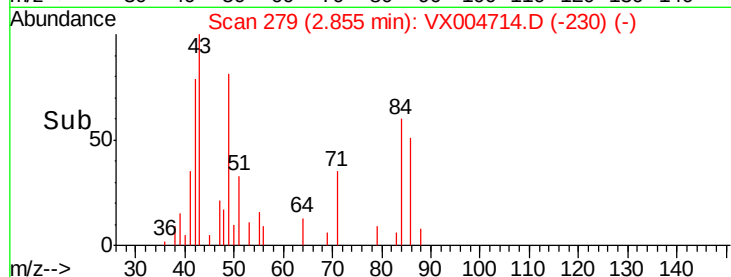
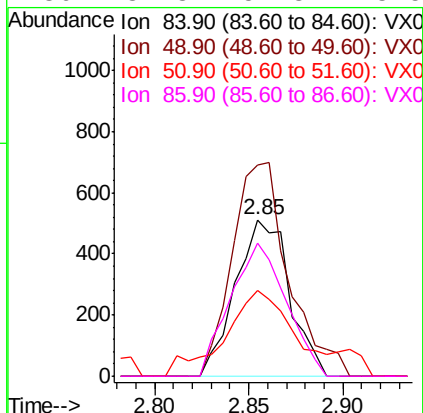
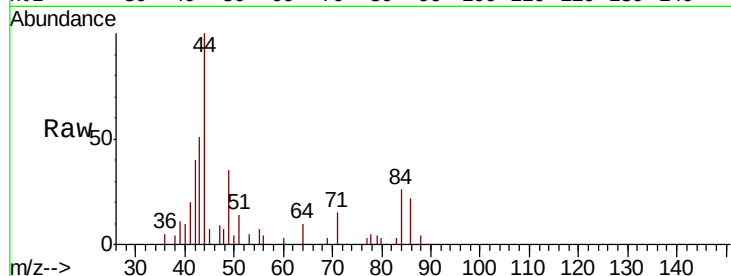




#20
Methvlene Chloride
Concen: 0.38 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

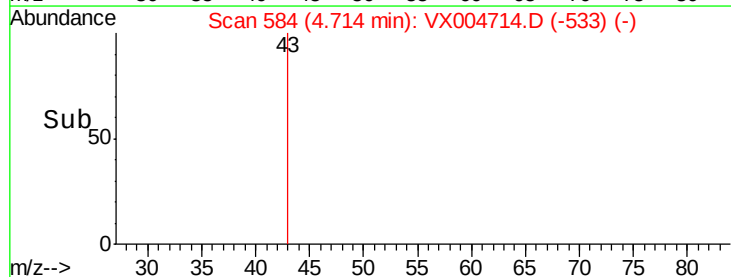
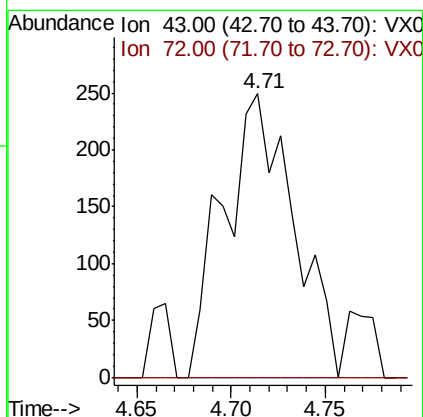
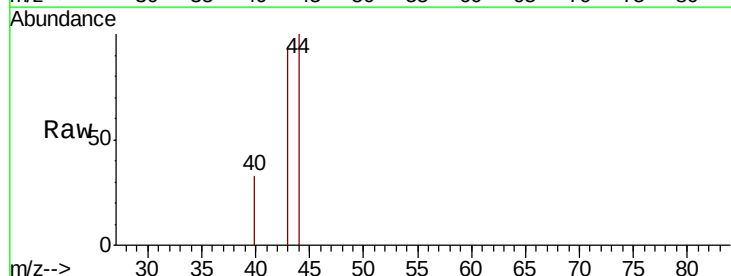
Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

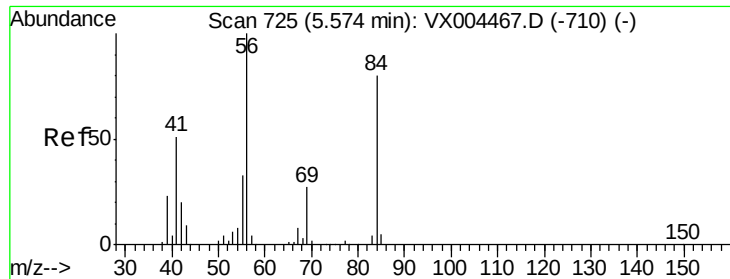
Tot Ion: 84 Resp: 1013
Ion Ratio Lower Upper
84 100
49 134.7 101.2 151.8
51 44.6 29.5 44.3#
86 84.8 52.3 78.5#



#25
2-Butanone
Concen: 0.31 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#

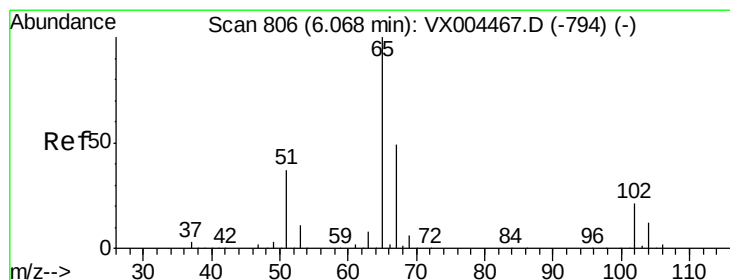
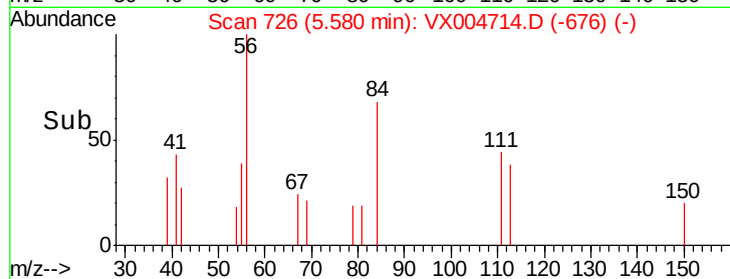
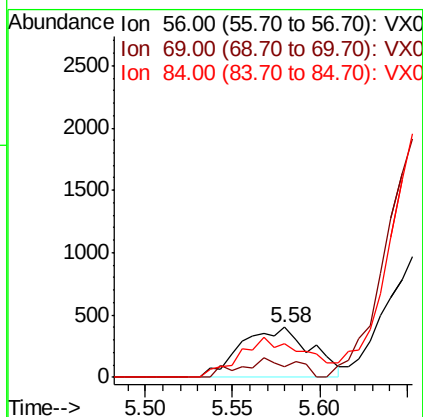
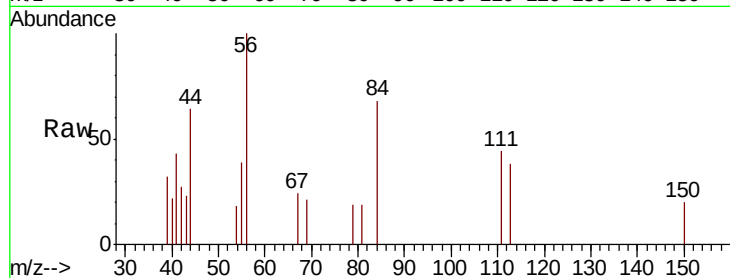




#31
Cyclohexane
Concen: 0.29 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

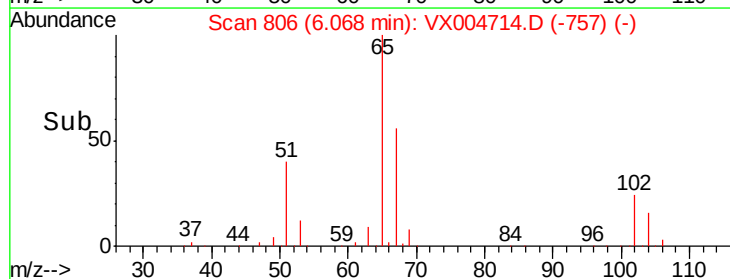
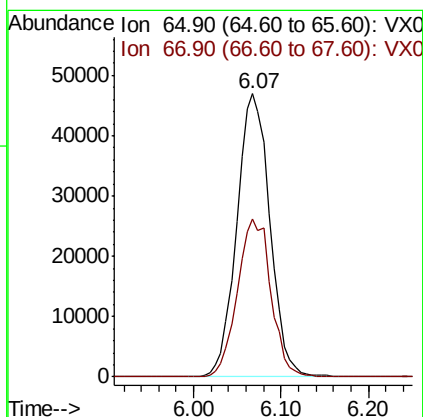
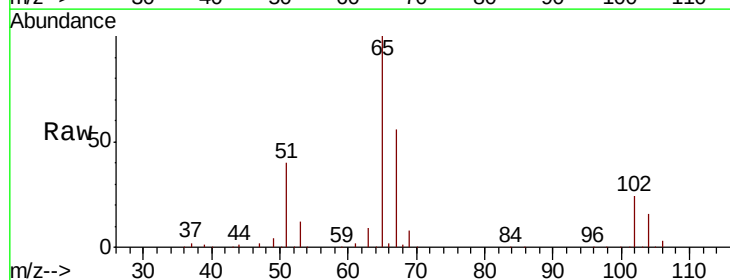
Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

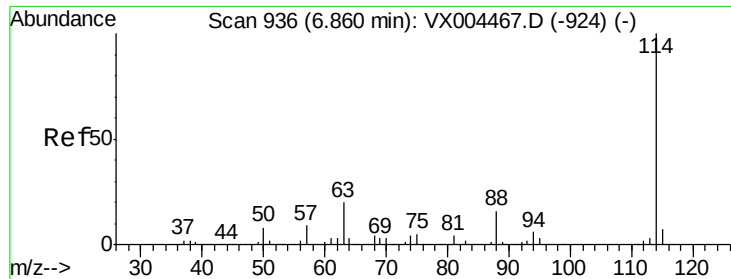
Tot Ion: 56 Resp: 1107
Ion Ratio Lower Upper
56 100
69 21.4 25.4 38.2#
84 68.1 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 46.42 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 65 Resp: 123264
Ion Ratio Lower Upper
65 100
67 56.5 0.0 106.8

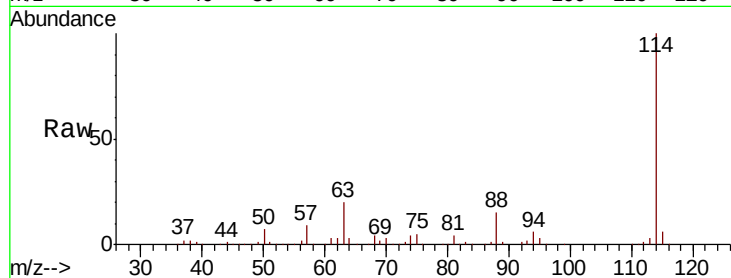




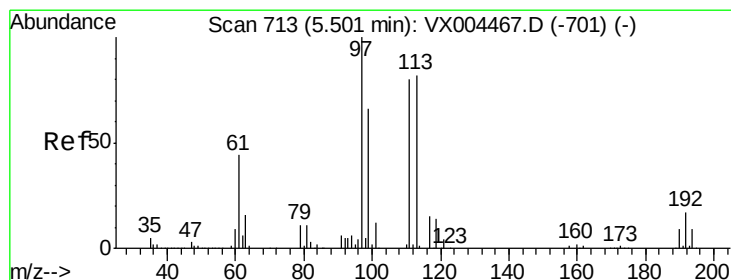
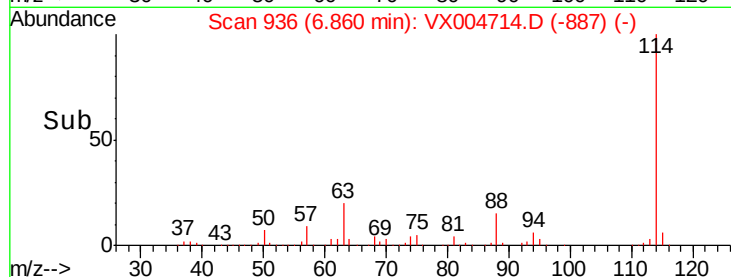
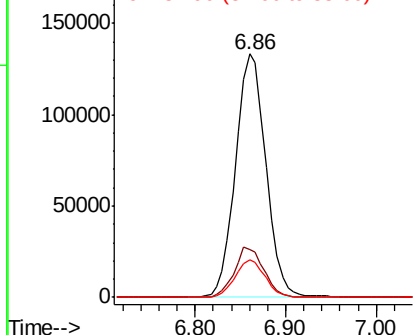
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20180911

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.5	0.0	30.4

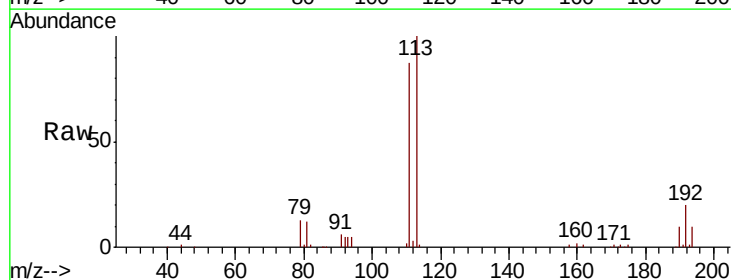


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

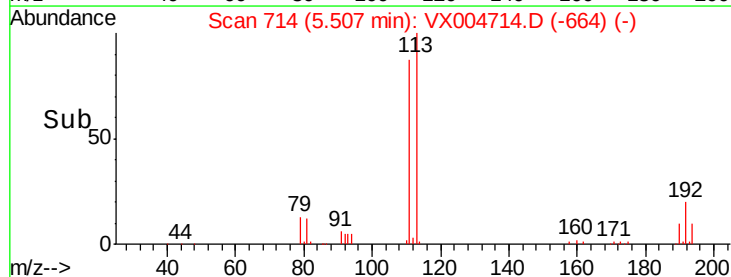
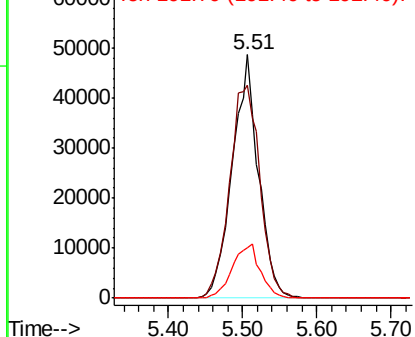


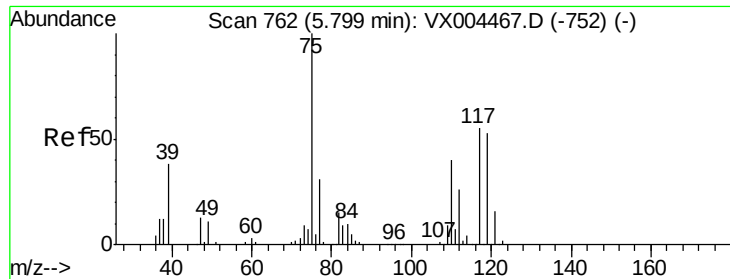
#35
 Dibromofluoromethane
 Concen: 42.24 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	23.6	19.4	29.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.41 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20180911

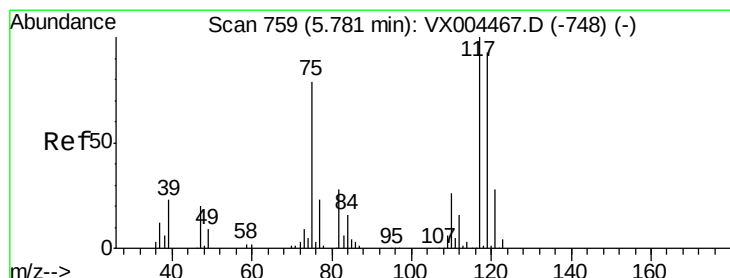
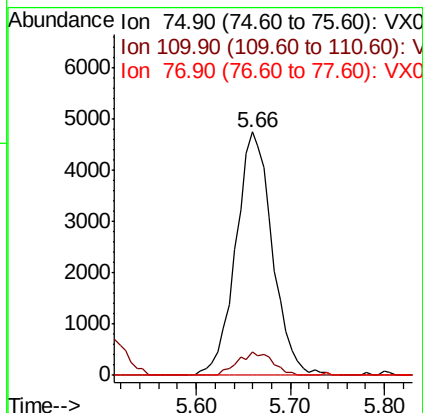
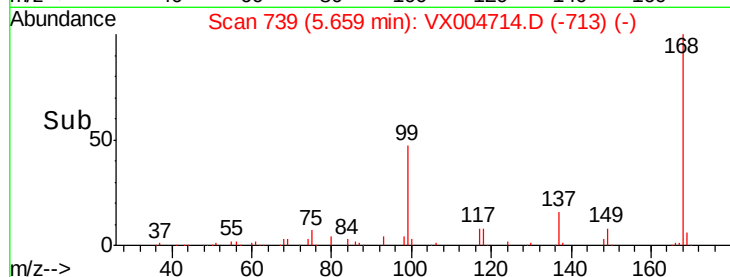
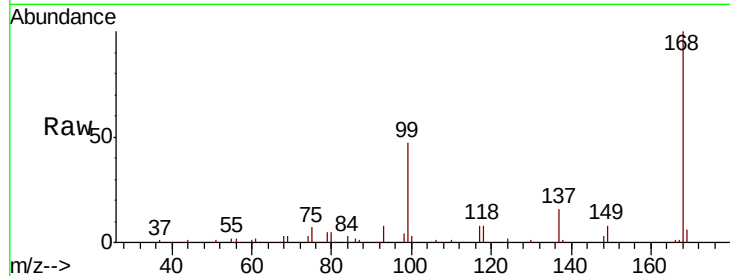
Tot Ion: 75 Resp: 12827

Ion Ratio Lower Upper

75 100

110 9.1 18.0 54.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.69 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

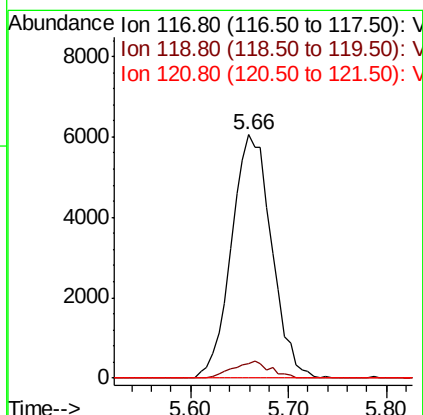
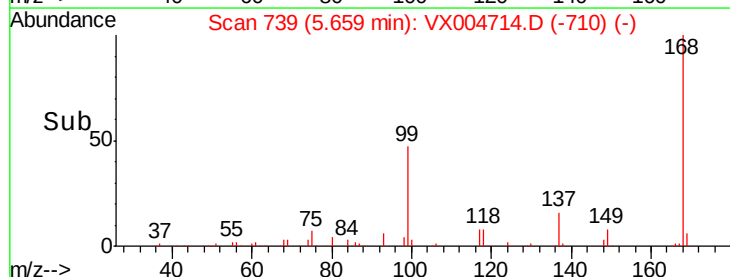
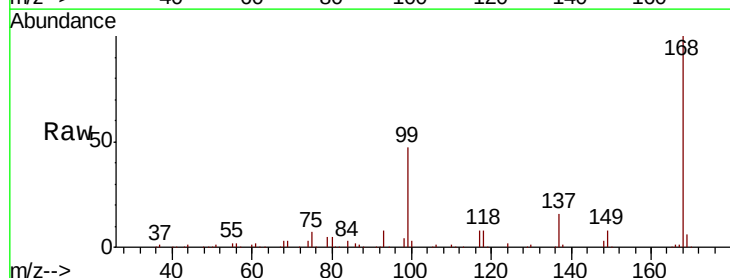
Tgt Ion: 117 Resp: 17201

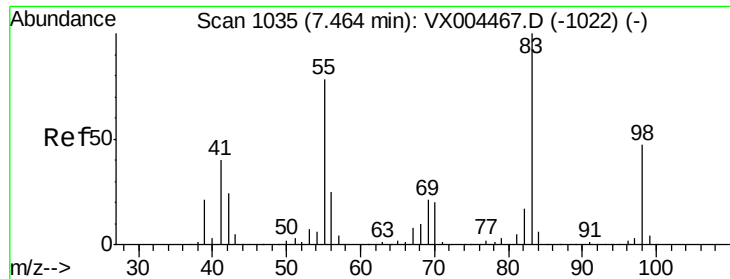
Ion Ratio Lower Upper

117 100

119 5.8 78.8 118.2#

121 0.0 24.9 37.3#

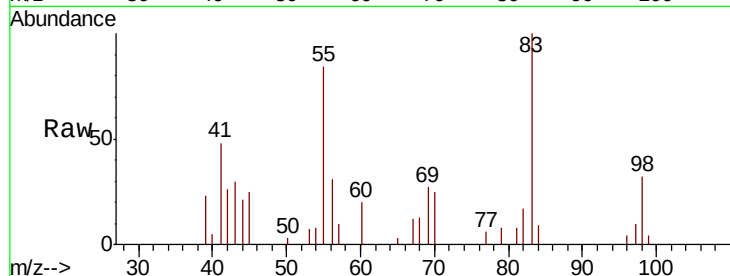




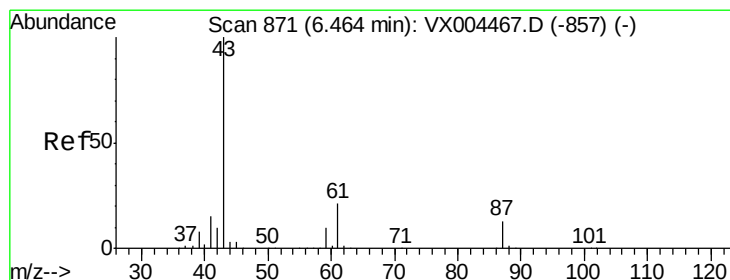
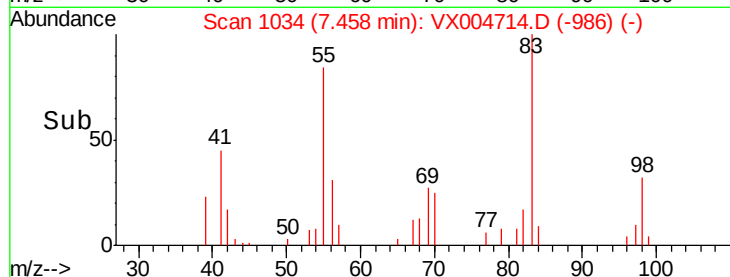
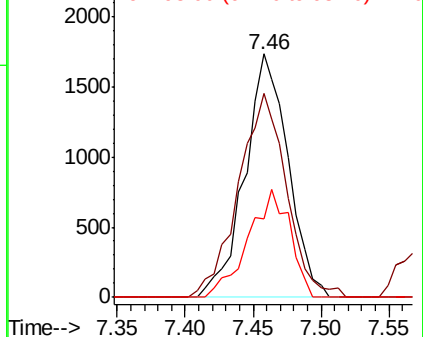
#39
Methylvlcyclohexane
Concen: 0.99 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

Tot Ion: 83 Resp: 3866
Ion Ratio Lower Upper
83 100
55 83.8 61.0 91.4
98 32.4 39.6 59.4#

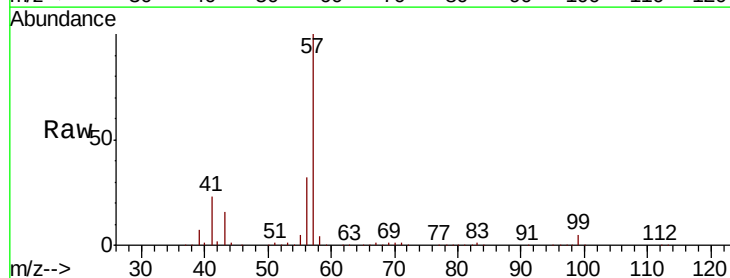


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

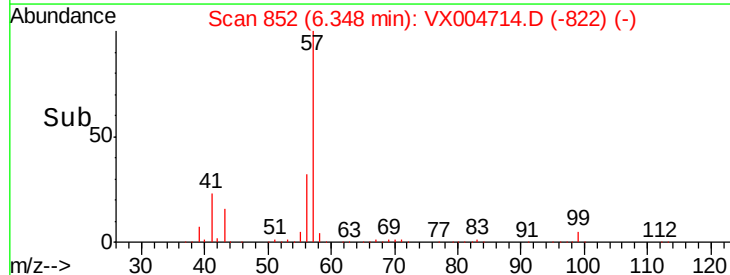
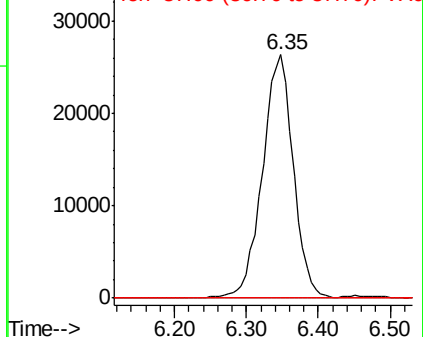


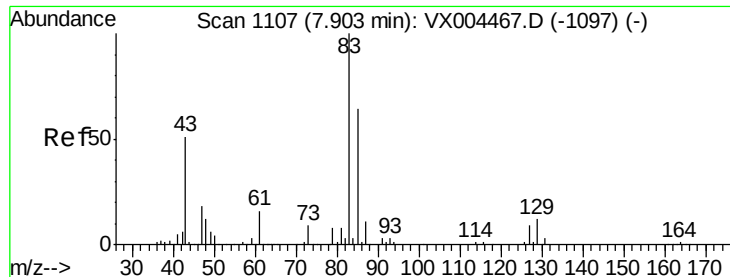
#43
Isopropyl Acetate
Concen: 13.83 ug/l
RT: 6.35 min Scan# 852
Delta R.T. -0.12 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 43 Resp: 78482
Ion Ratio Lower Upper
43 100
61 0.0 17.0 25.4#
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.83 ug/l

RT: 8.05 min Scan# 1131

Delta R.T. 0.15 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20180911

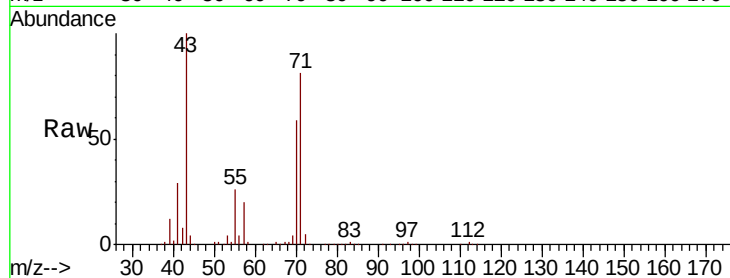
Tot Ion: 83 Resp: 2663

Ion Ratio Lower Upper

83 100

85 8.4 50.9 76.3#

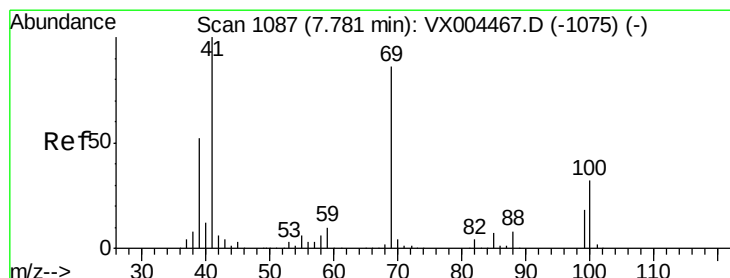
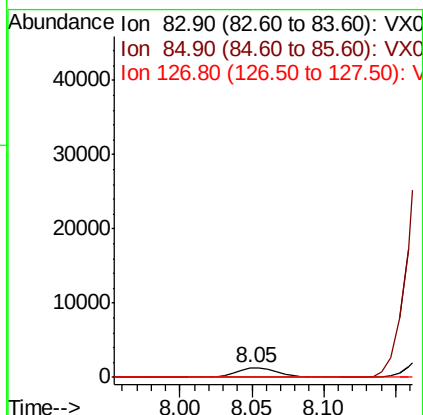
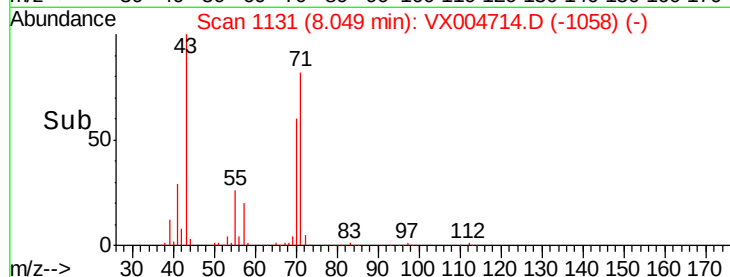
127 0.0 7.3 10.9#



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: 5.00 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.10 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

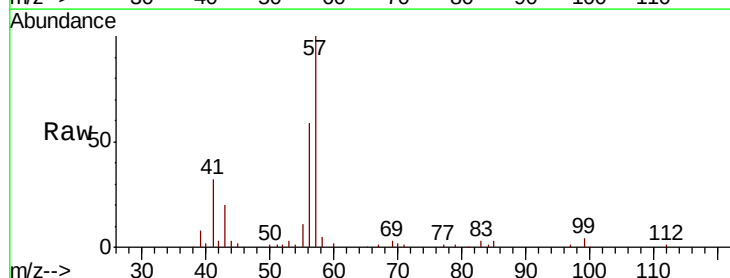
Tgt Ion: 41 Resp: 14034

Ion Ratio Lower Upper

41 100

69 7.3 70.2 105.4#

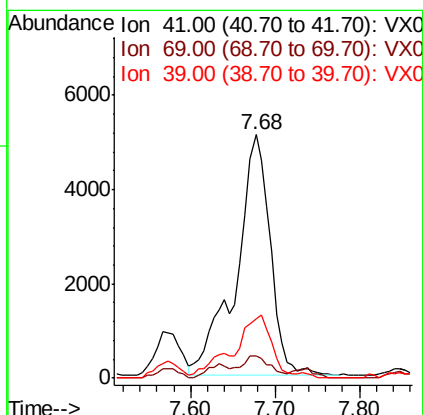
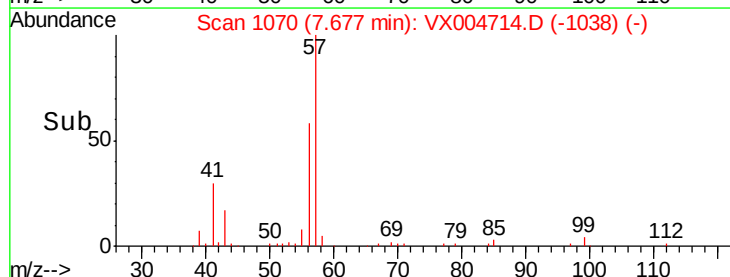
39 21.9 42.7 64.1#

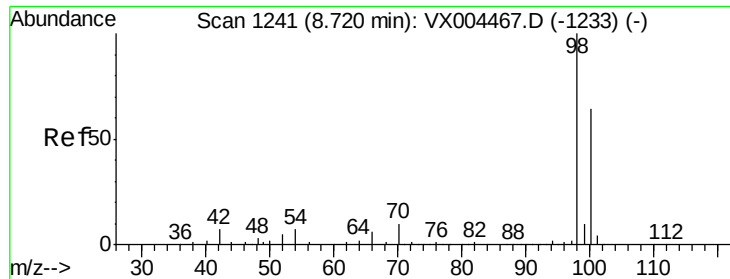


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 45.99 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

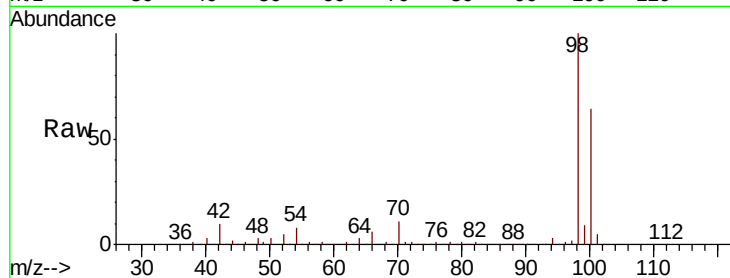
FC-MW02SR1-20180911

Tot Ion: 98 Resp: 436657

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

150000

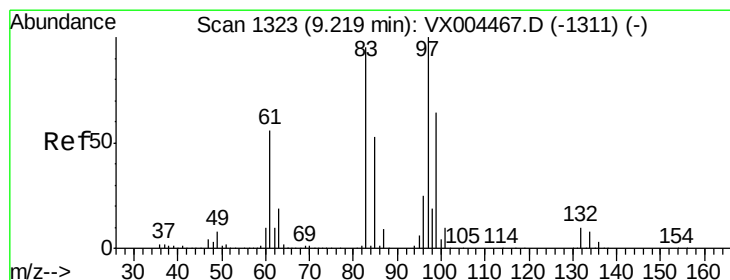
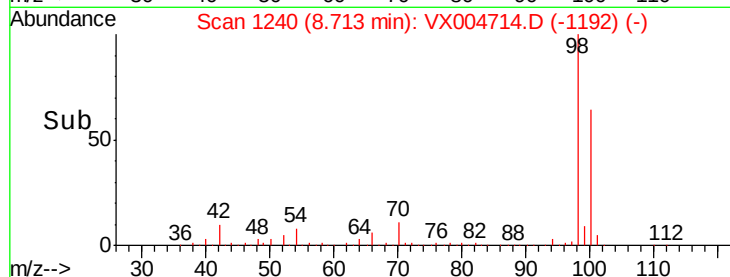
100000

50000

0

Time-->

8.60 8.70 8.80



#55

1,1,2-Trichloroethane

Concen: 0.82 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Tgt Ion: 97 Resp: 2309

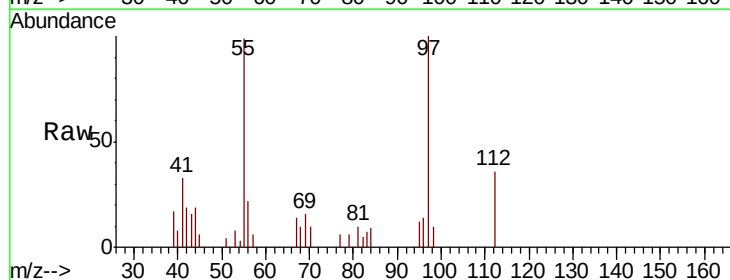
Ion Ratio Lower Upper

97 100

83 7.4 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

2000

1500

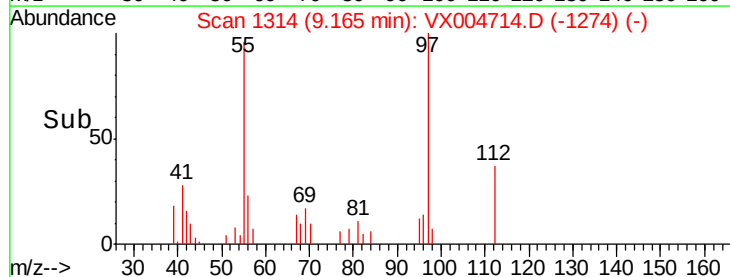
1000

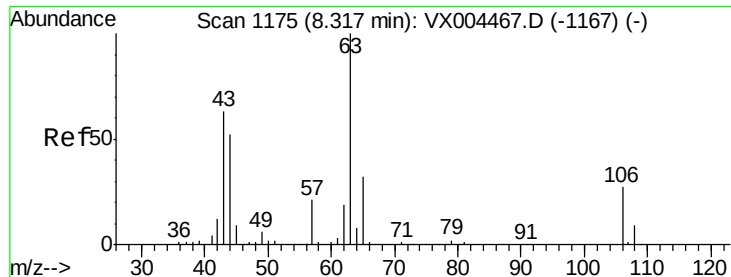
500

0

Time-->

9.10 9.15 9.20





#58

2-Chloroethyl Vinyl ether

Concen: 7.64 ug/l

RT: 8.18 min Scan# 1152

Delta R.T. -0.14 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

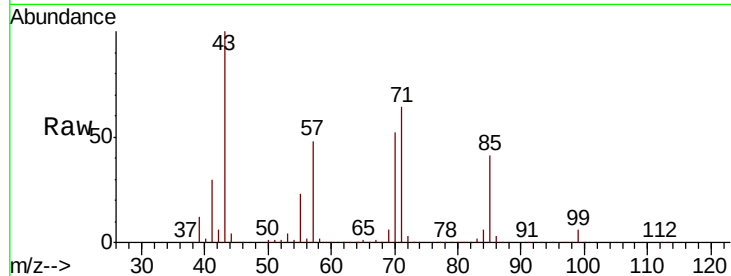
FC-MW02SR1-20180911

Tot Ion: 63 Resp: 776

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.18

400

300

200

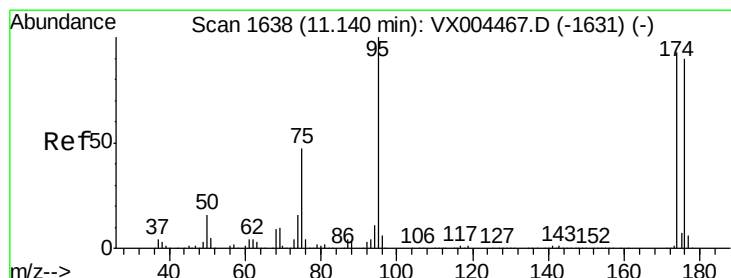
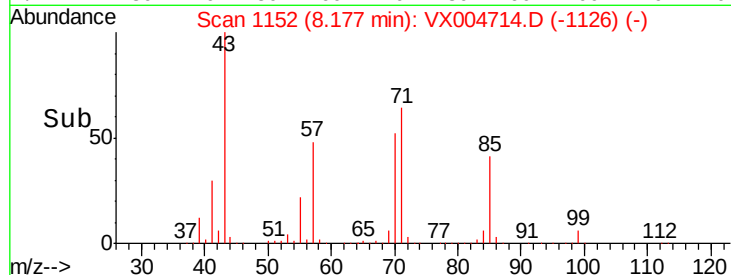
100

0

8.15

8.20

Time-->



#62

4-Bromofluorobenzene

Concen: 43.83 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

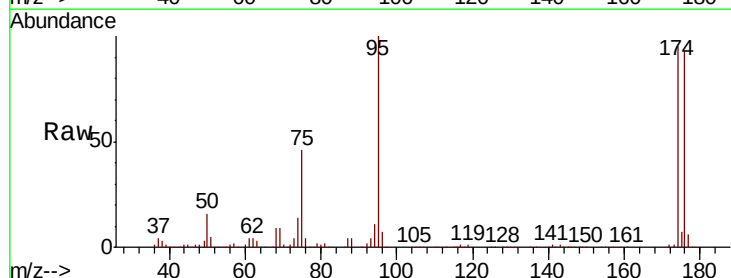
Tgt Ion: 95 Resp: 148547

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.2

176 91.4 0.0 178.6



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

150000

100000

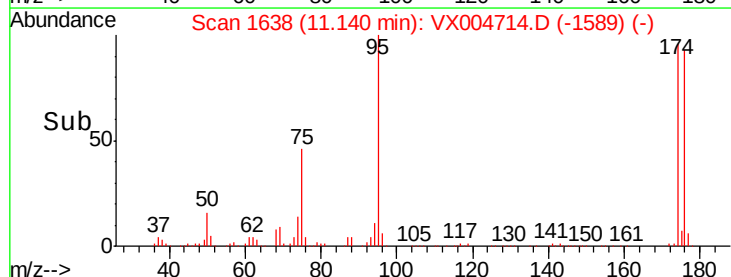
50000

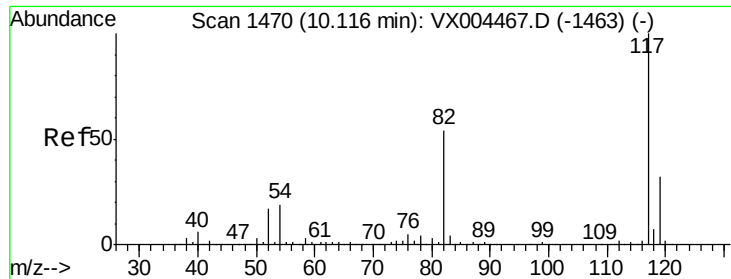
0

11.10

11.20

Time-->

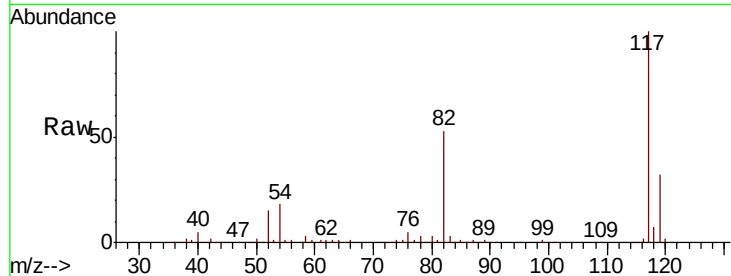




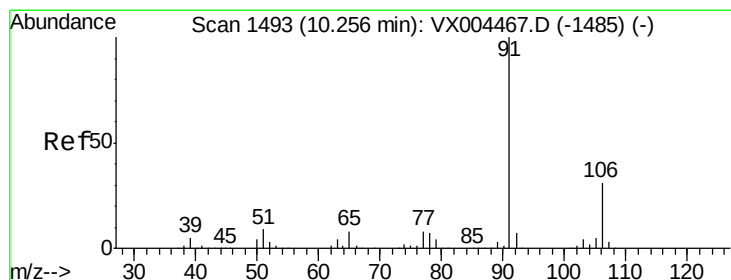
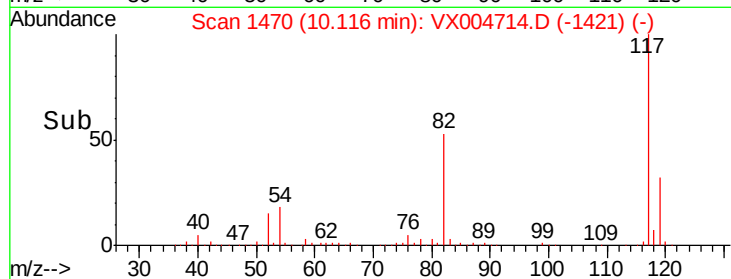
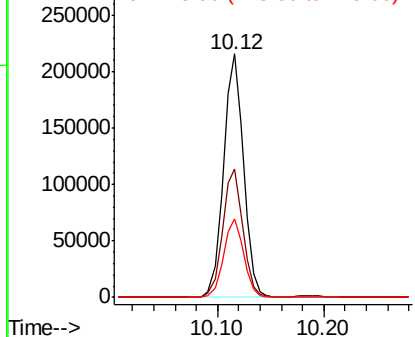
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

Tot Ion:117 Resp: 283849
Ion Ratio Lower Upper
117 100
82 52.9 47.8 71.6
119 32.4 29.3 43.9

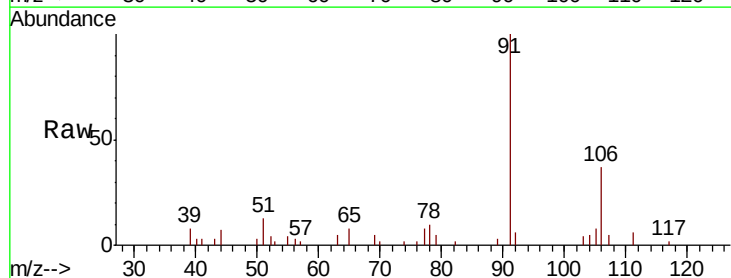


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

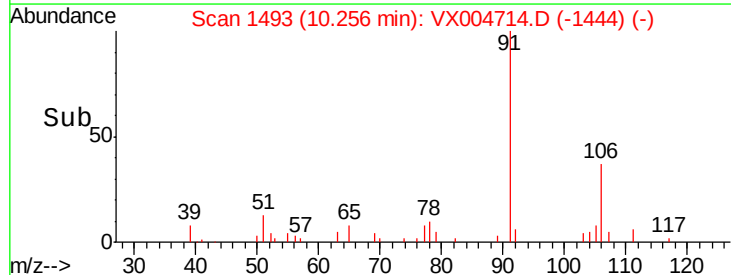
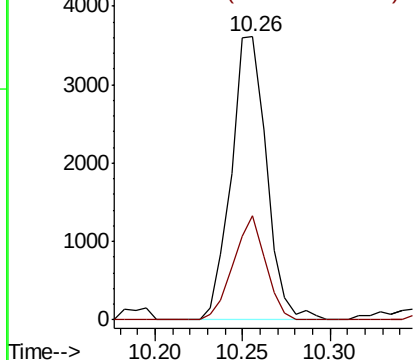


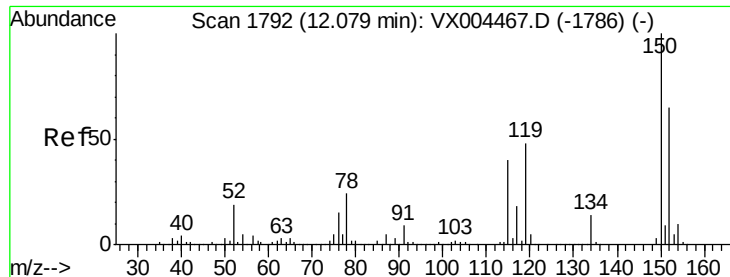
#67
Ethyl Benzene
Concen: 0.44 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 91 Resp: 5088
Ion Ratio Lower Upper
91 100
106 36.8 25.9 38.9



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20180911

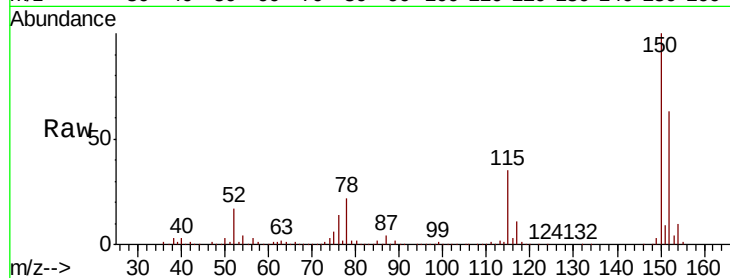
Tot Ion:152 Resp: 151725

Ion Ratio Lower Upper

152 100

115 54.6 39.0 117.0

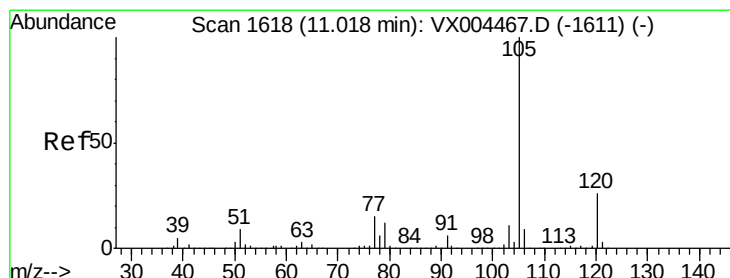
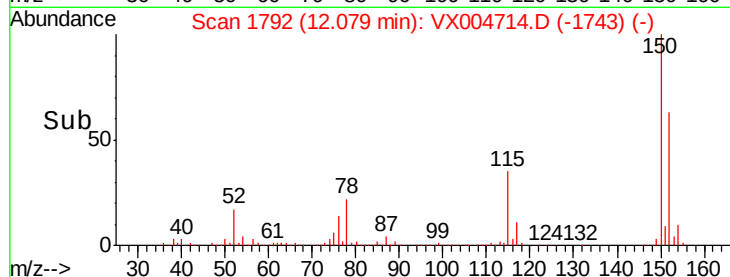
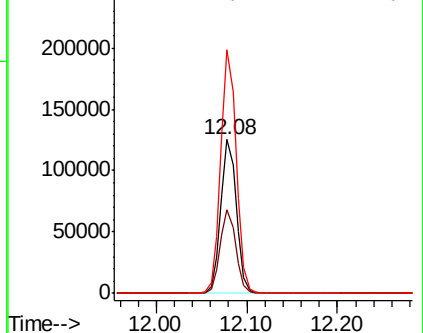
150 158.2 0.0 351.0



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: 1.25 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004714.D

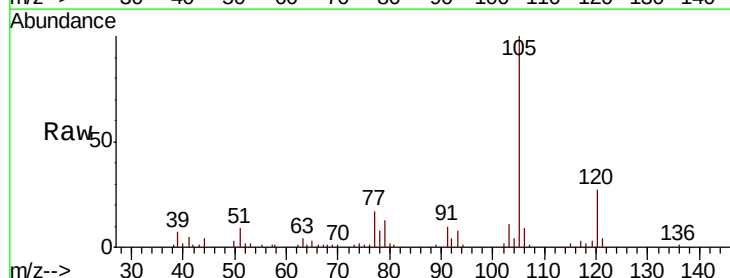
Acq: 19 Sep 2018 18:59

Tgt Ion:105 Resp: 12471

Ion Ratio Lower Upper

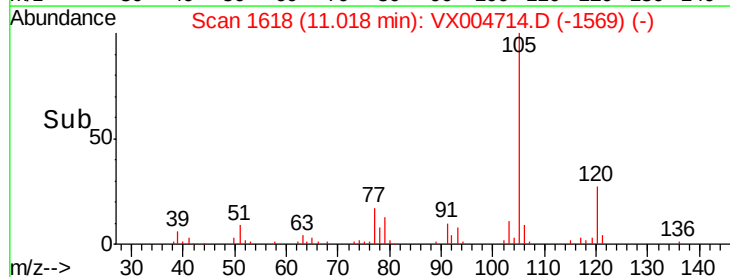
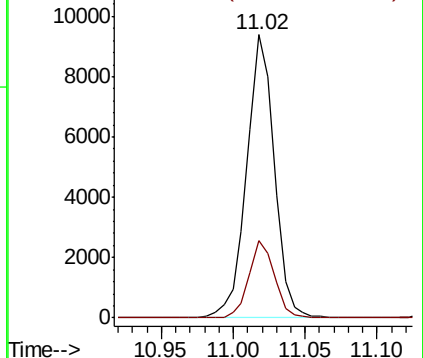
105 100

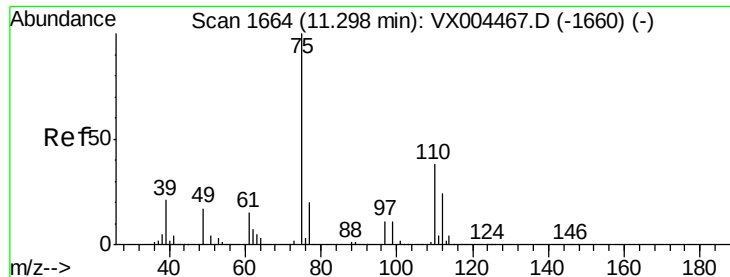
120 24.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

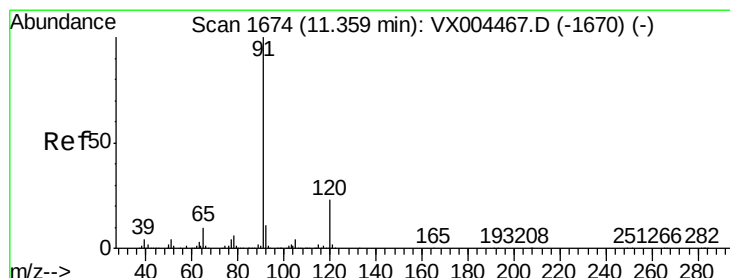
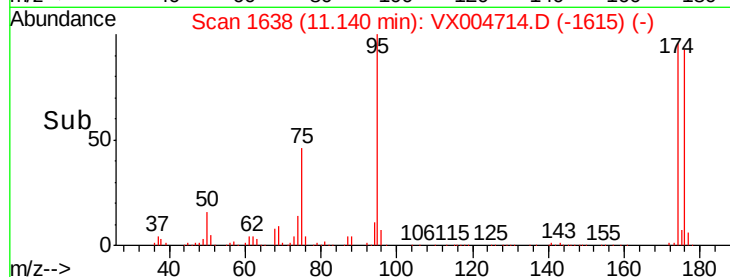
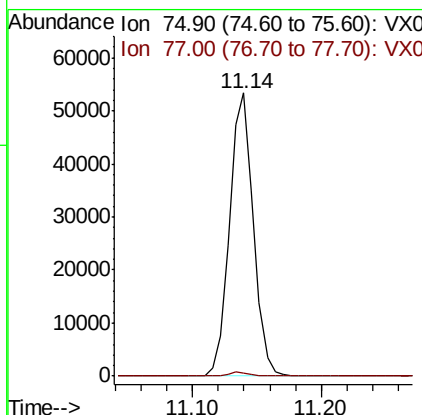
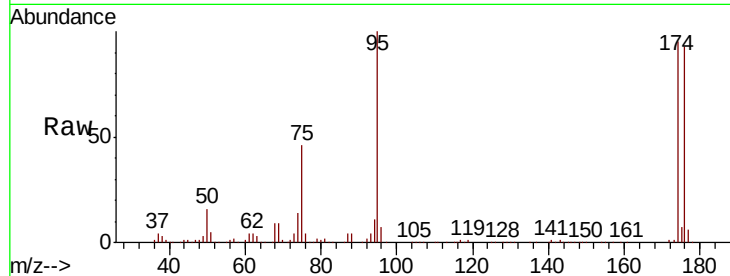




#76
 1,2,3-Trichloropropane
 Concen: 22.60 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

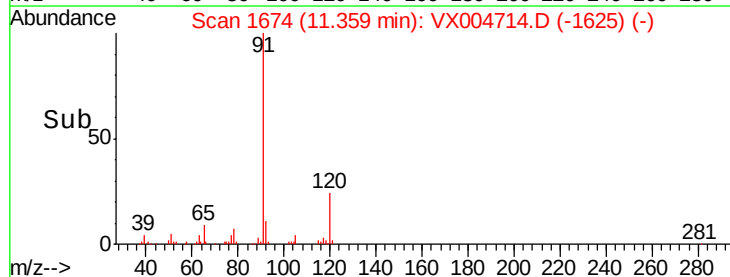
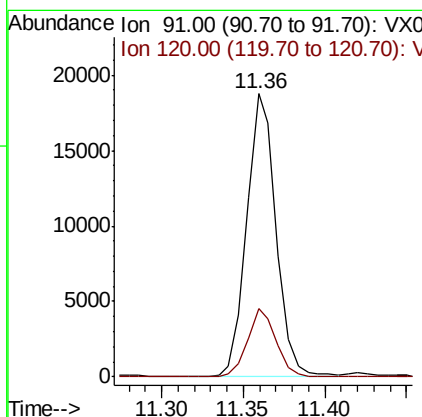
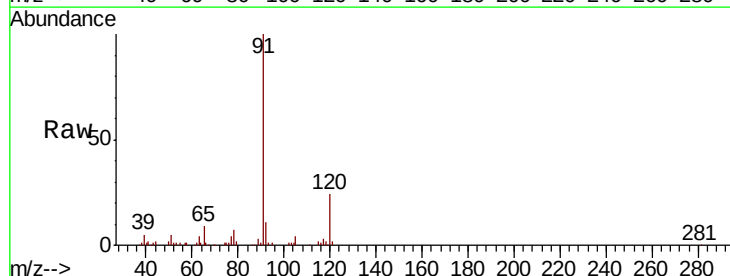
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20180911

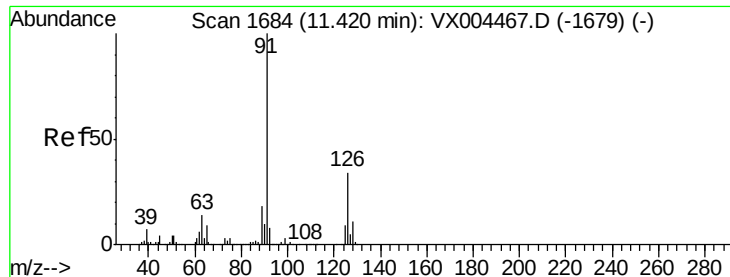
Tot Ion: 75 Resp: 68988
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.2 60.6#



#78
 n-propylbenzene
 Concen: 2.06 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

Tgt Ion: 91 Resp: 23611
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.9 35.9





#79

2-Chlorotoluene

Concen: 3.39 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

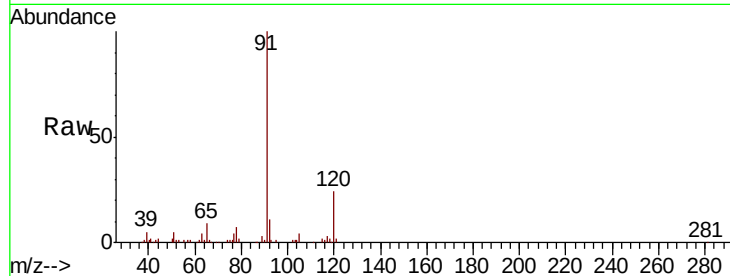
FC-MW02SR1-20180911

Tot Ion: 91 Resp: 23611

Ion Ratio Lower Upper

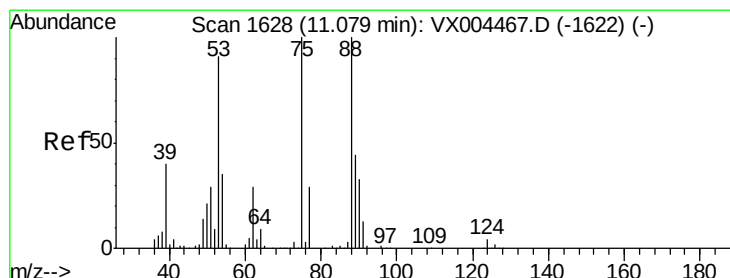
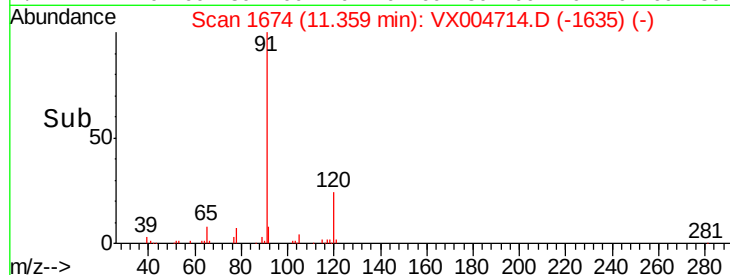
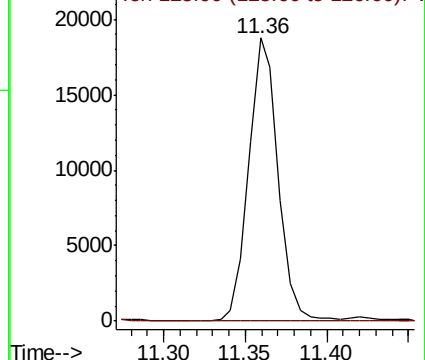
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 72.04 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

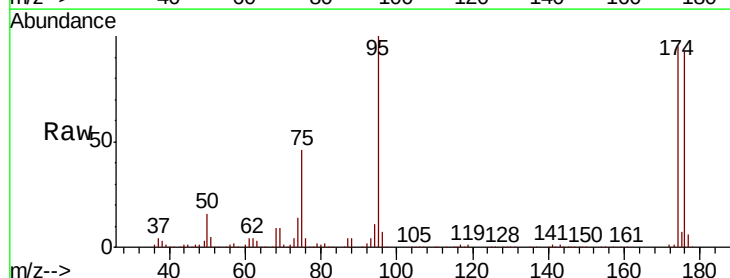
Tgt Ion: 75 Resp: 68988

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

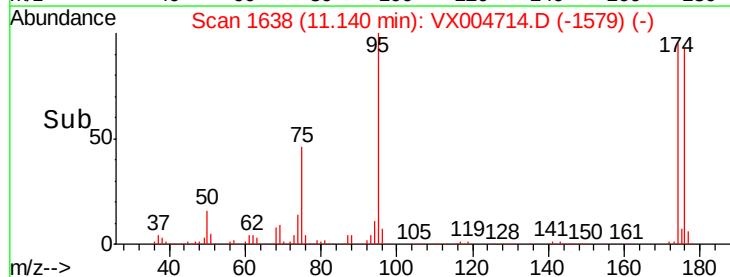
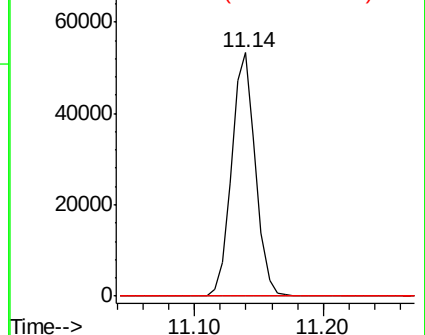
89 0.1 37.2 55.8#

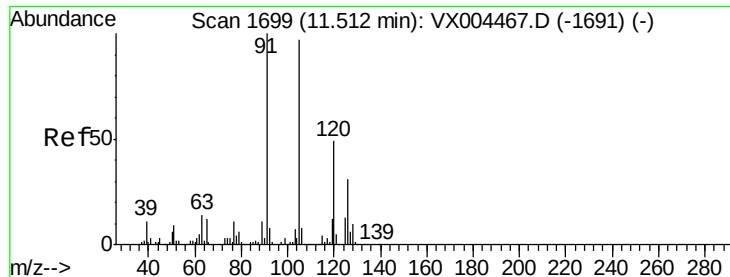


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 2.90 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

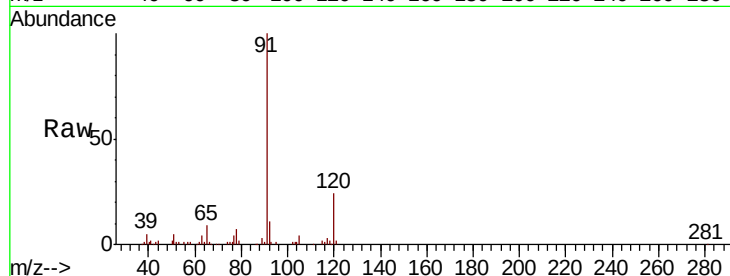
FC-MW02SR1-20180911

Tot Ion: 91 Resp: 23611

Ion Ratio Lower Upper

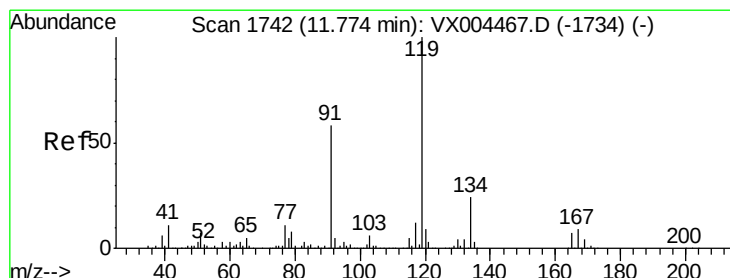
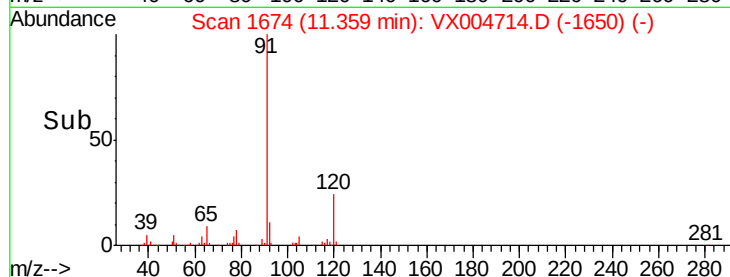
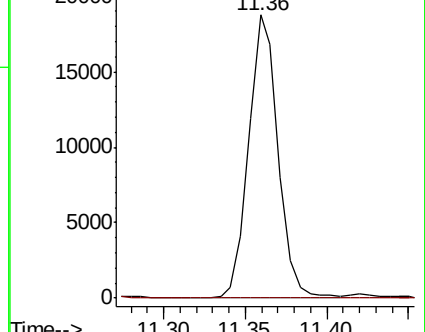
91 100

126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1691) (-)

Ion 125.90 (125.60 to 126.60): VX004467.D (-1691) (-)



#83

tert-Butylbenzene

Concen: 0.46 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

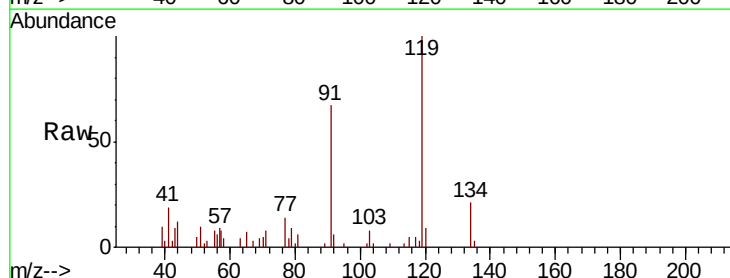
Tgt Ion: 119 Resp: 3670

Ion Ratio Lower Upper

119 100

91 66.7 27.0 81.0

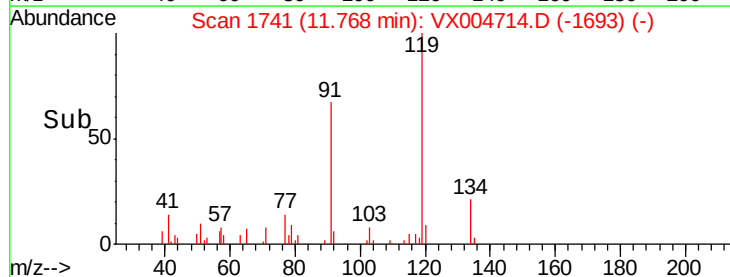
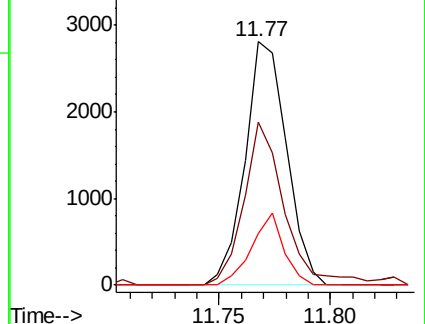
134 22.9 11.7 35.1

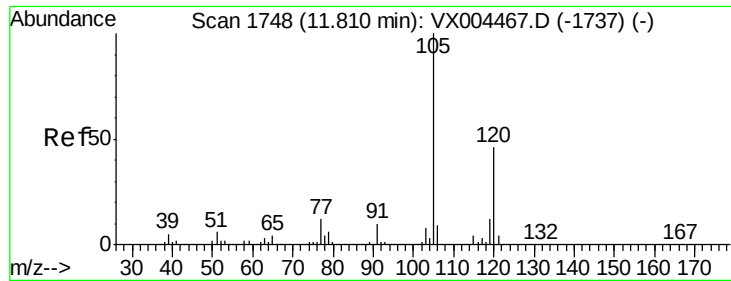


Abundance Ion 119.00 (118.70 to 119.70): VX004467.D (-1734) (-)

Ion 91.00 (90.70 to 91.70): VX004467.D (-1734) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1734) (-)

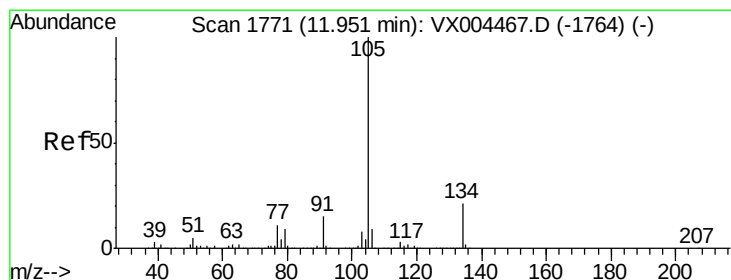
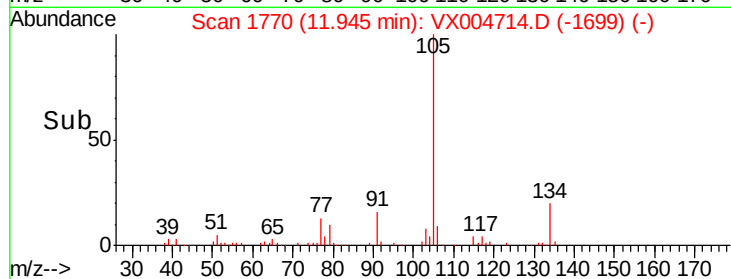
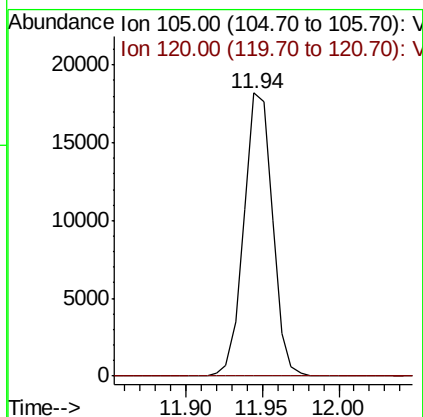
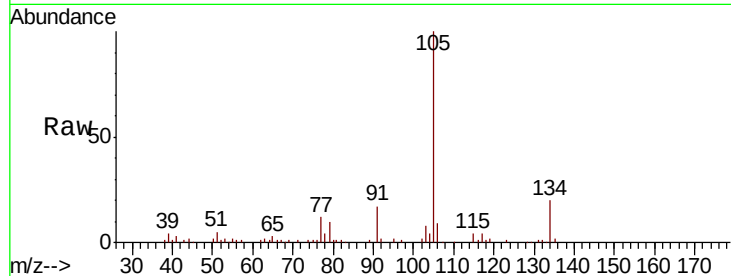




#84
 1,2,4-Trimethylbenzene
 Concen: 2.75 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.13 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

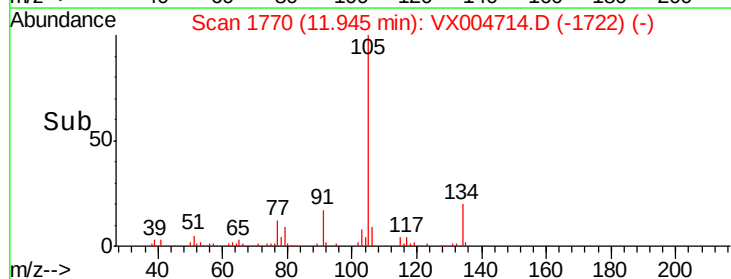
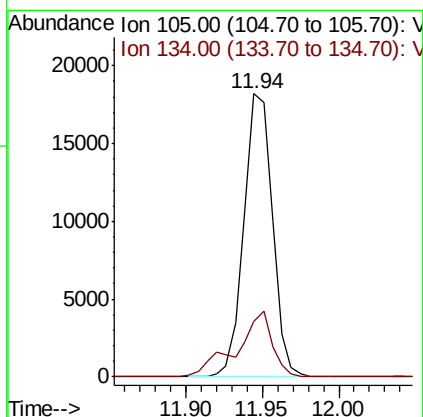
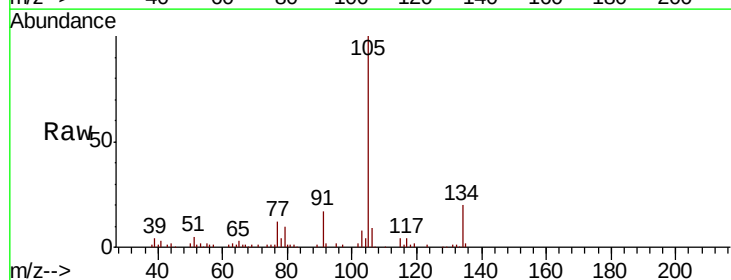
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20180911

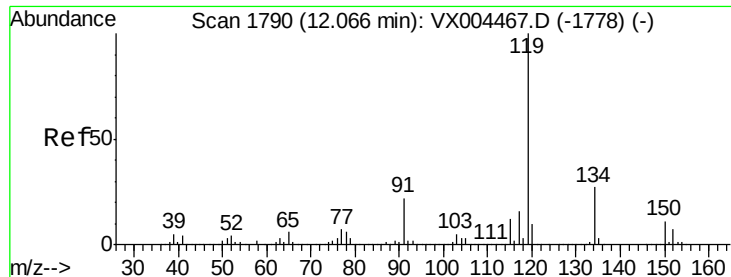
Tot Ion:105 Resp: 23615
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.2 69.6#



#85
 sec-Butylbenzene
 Concen: 2.32 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

Tgt Ion:105 Resp: 23615
 Ion Ratio Lower Upper
 105 100
 134 29.2 10.5 31.5

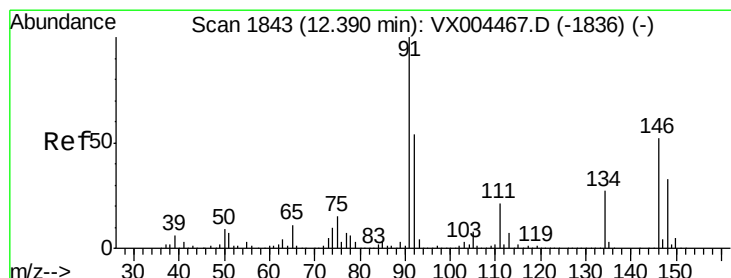
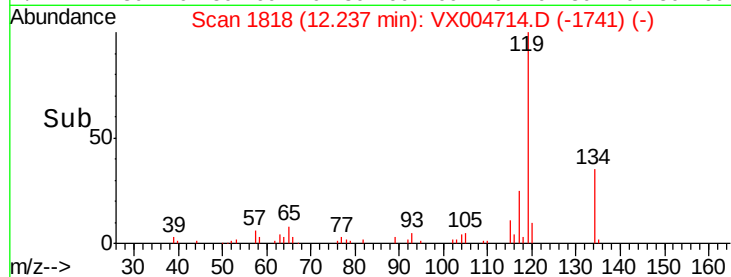
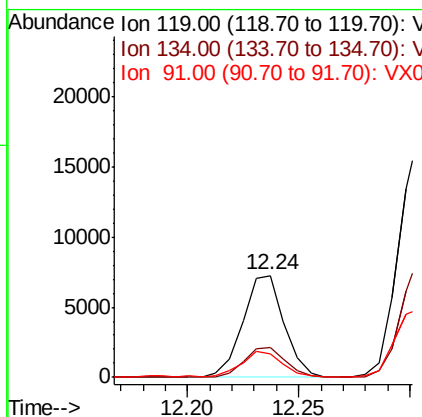
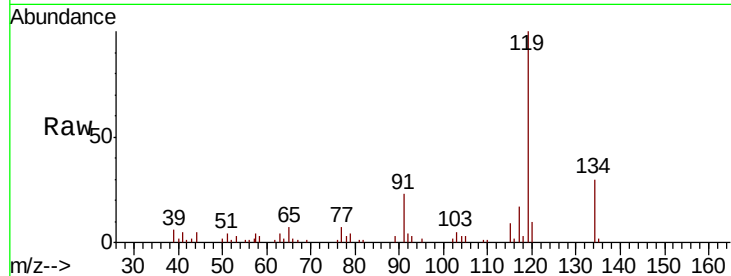




#86
 p-Isopropyltoluene
 Concen: 1.04 ug/l
 RT: 12.24 min Scan# 1818
 Delta R.T. 0.17 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

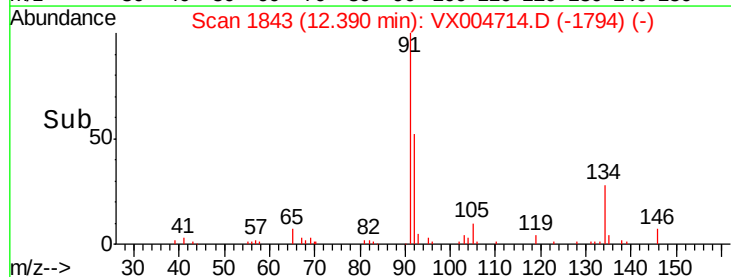
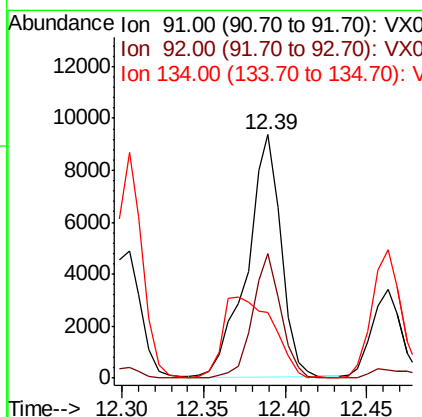
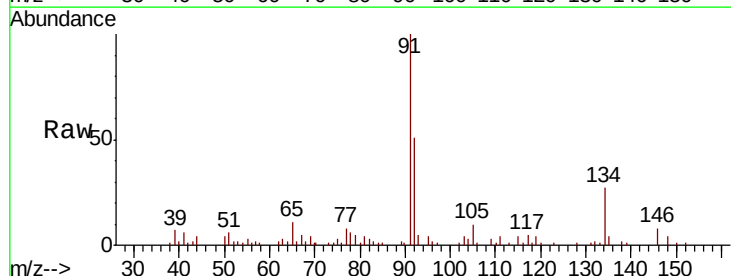
Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20180911

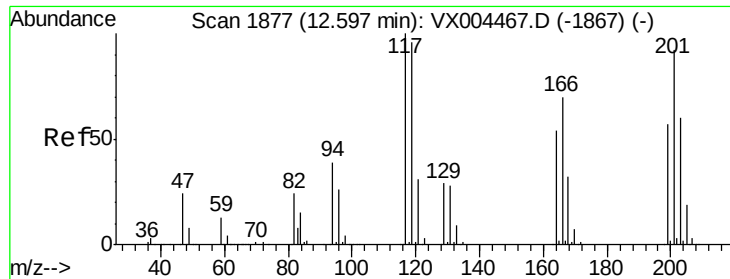
Tot Ion:119 Resp: 9353
 Ion Ratio Lower Upper
 119 100
 134 29.9 13.4 40.2
 91 25.4 10.9 32.7



#89
 n-Butylbenzene
 Concen: 1.66 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

Tgt Ion: 91 Resp: 13644
 Ion Ratio Lower Upper
 91 100
 92 42.9 27.3 81.9
 134 49.4 13.6 40.7#





#90

Hexachloroethane

Concen: 5.06 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

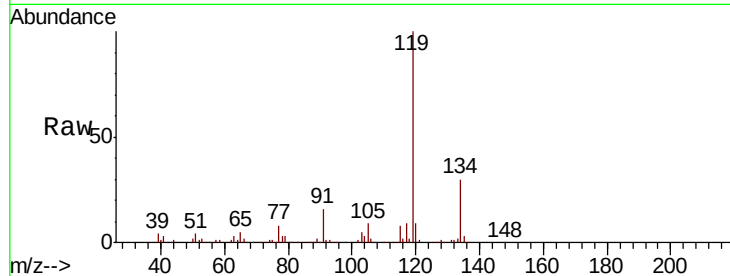
FC-MW02SR1-20180911

Tot Ion:117 Resp: 7290

Ion Ratio Lower Upper

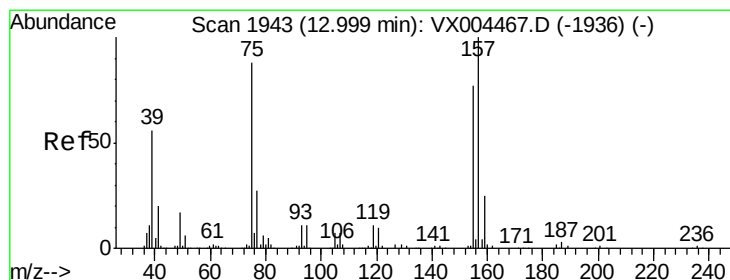
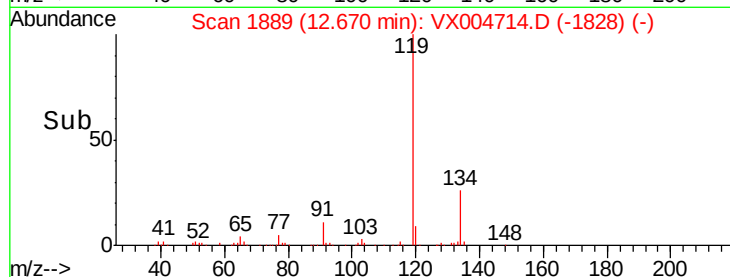
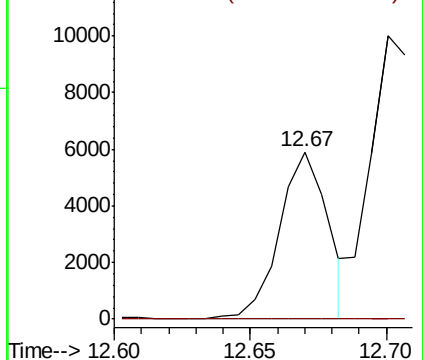
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.77 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

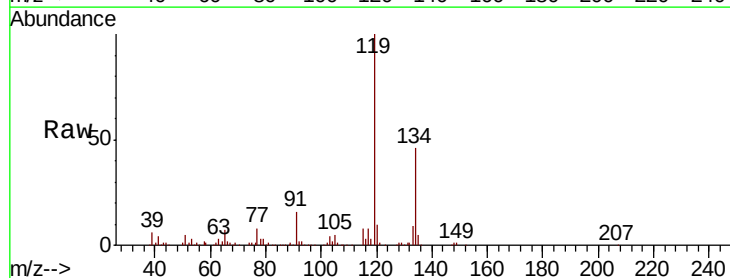
Tgt Ion: 75 Resp: 533

Ion Ratio Lower Upper

75 100

155 23.6 48.0 144.2#

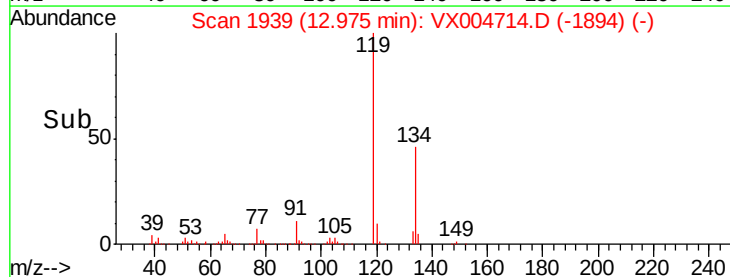
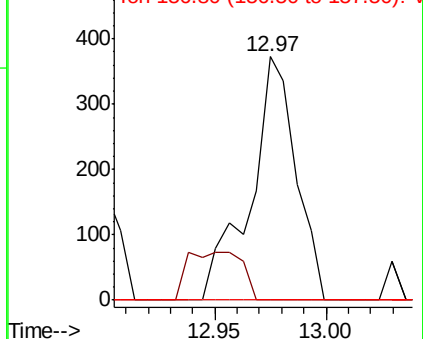
157 0.0 61.4 184.1#

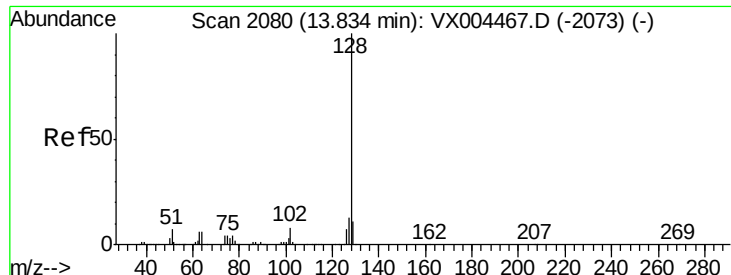


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 2.09 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.2	15.2#
129	17.6	8.6	12.8#

