

Data File : VW002355.D
Acq On : 10 May 2018 03:50
Operator : JC/SY
Sample : J2730-06
Misc : 6.46G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(70-72)

Quant Time: May 10 05:52:41 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	182559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	118347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	64737	56.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	63467	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.33	98	162075	36.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.64%	
62) 4-Bromofluorobenzene	12.63	95	31965	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	

Target Compounds

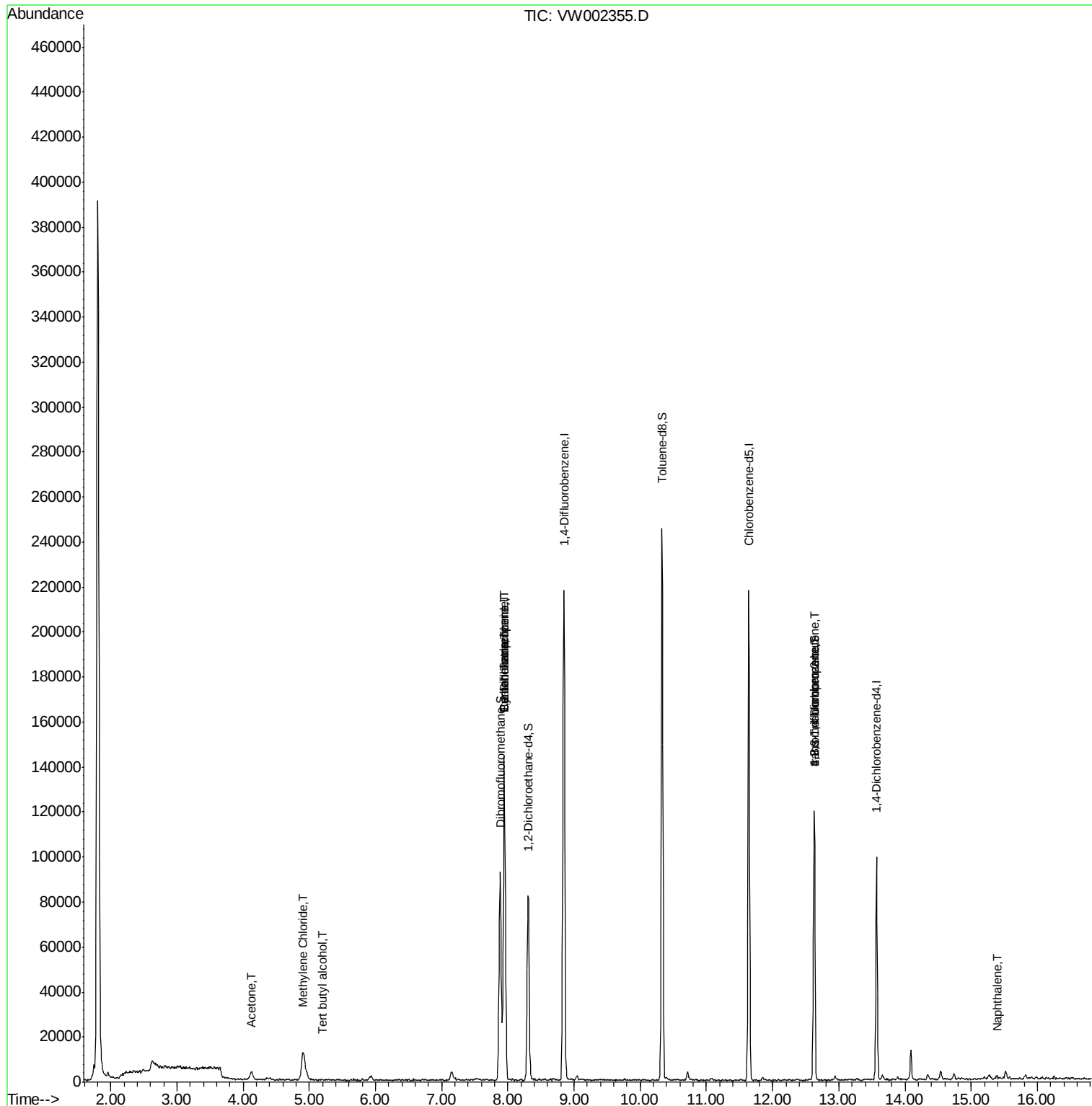
						Qvalue
11) Tert butyl alcohol	5.20	59	240	2.86	ug/l #	83
16) Acetone	4.13	43	6847	30.36	ug/l	93
20) Methylene Chloride	4.91	84	11791	10.85	ug/l	96
31) Cyclohexane	7.95	56	2571	1.50	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	8289	5.02	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10086	6.32	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	16634	72.17	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	16634	190.09	ug/l #	10
95) Naphthalene	15.39	128	1484	1.48	ug/l #	85

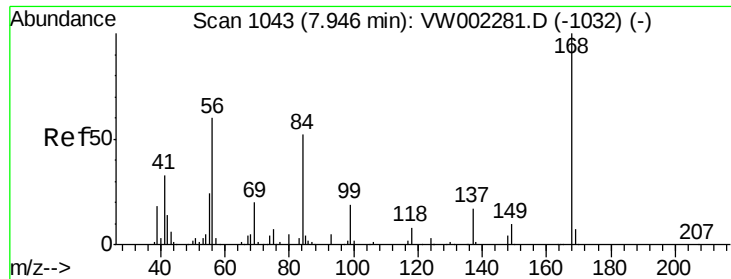
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

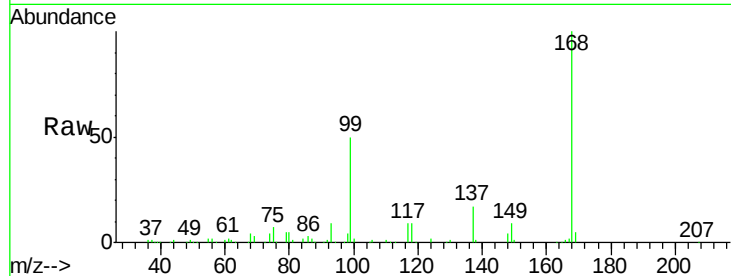
Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(70-72)

Tgt Ion:168 Resp: 108735

Ion Ratio Lower Upper

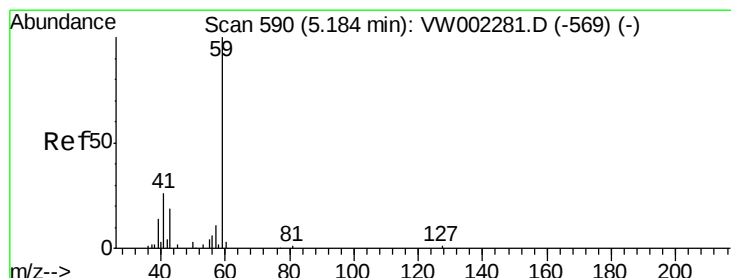
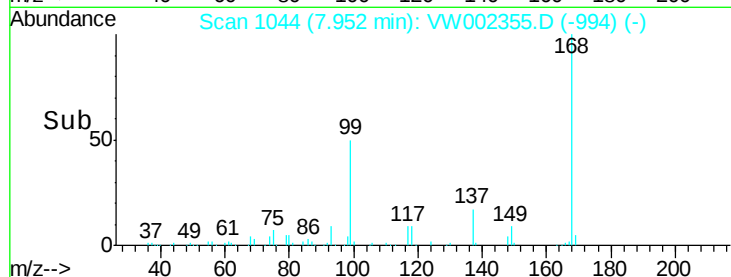
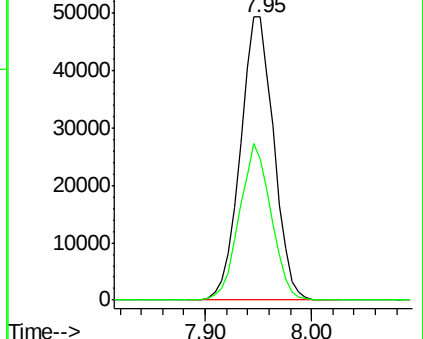
168 100

99 50.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.86 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW002355.D

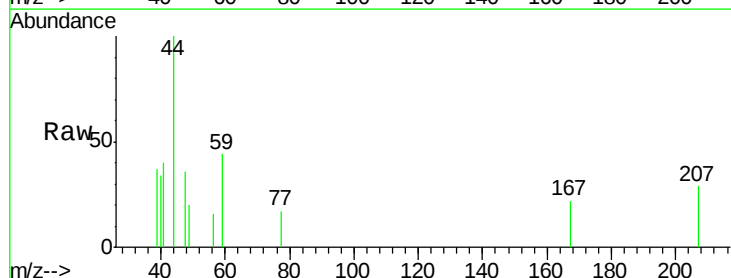
Acq: 10 May 2018 03:50

Tgt Ion: 59 Resp: 240

Ion Ratio Lower Upper

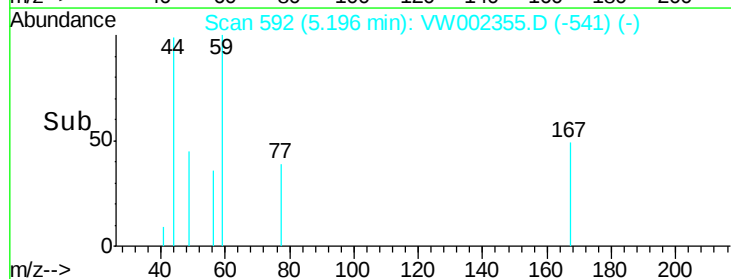
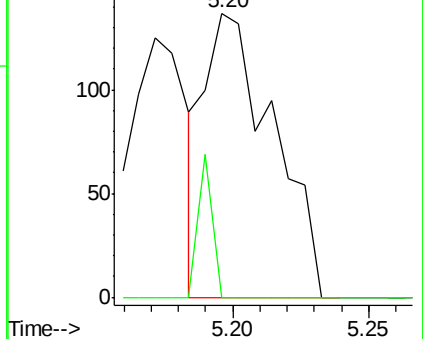
59 100

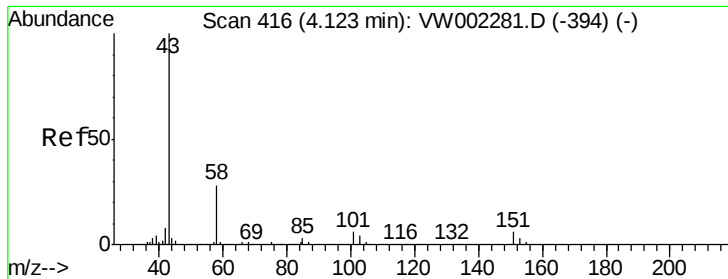
57 10.4 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 30.36 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

Instrument :

MSVOA_W

ClientSampleId :

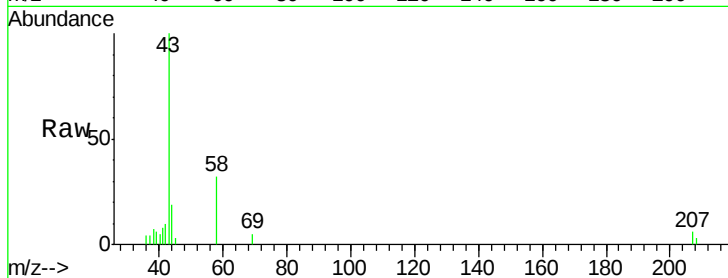
EPE-F-6A(70-72)

Tgt Ion: 43 Resp: 6847

Ion Ratio Lower Upper

43 100

58 31.5 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

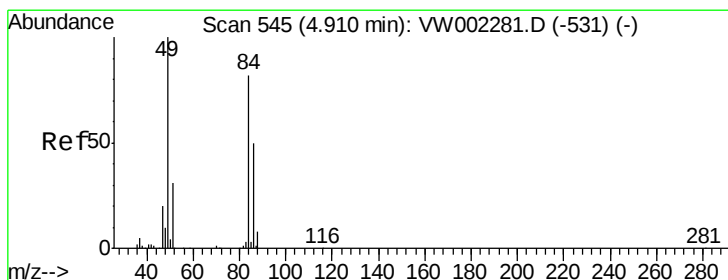
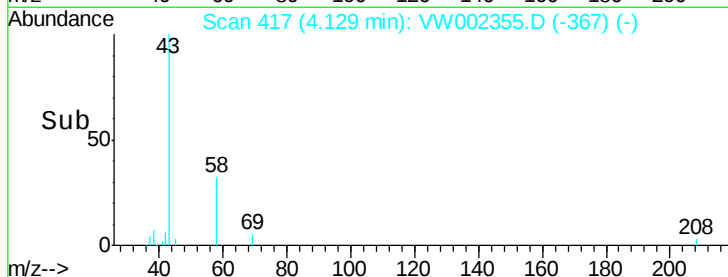
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: 10.85 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

Tgt Ion: 84 Resp: 11791

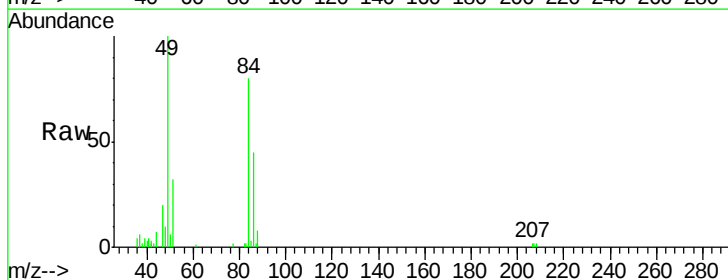
Ion Ratio Lower Upper

84 100

49 124.8 97.7 146.5

51 39.6 30.2 45.4

86 56.1 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

6000

5000

4000

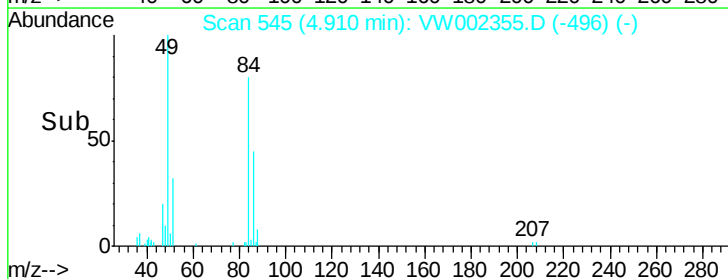
3000

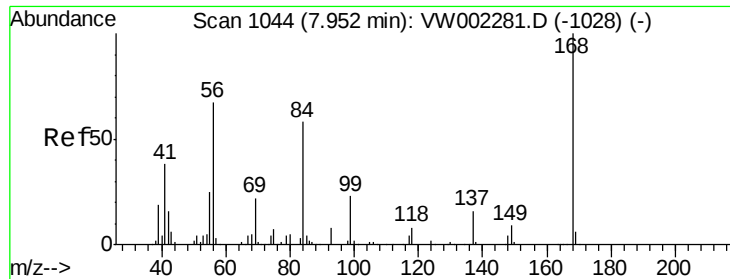
2000

1000

0

Time-->

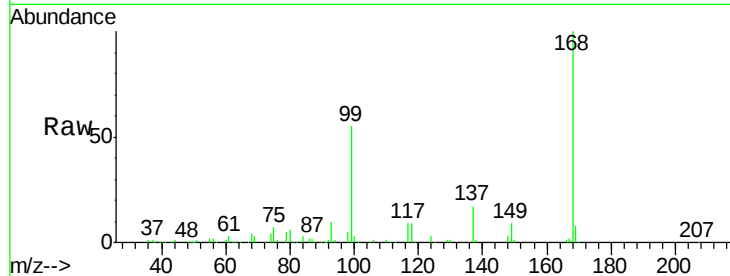




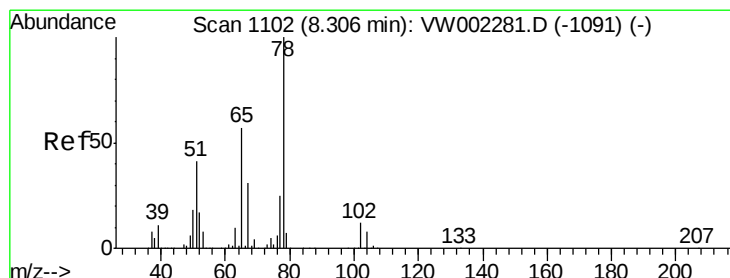
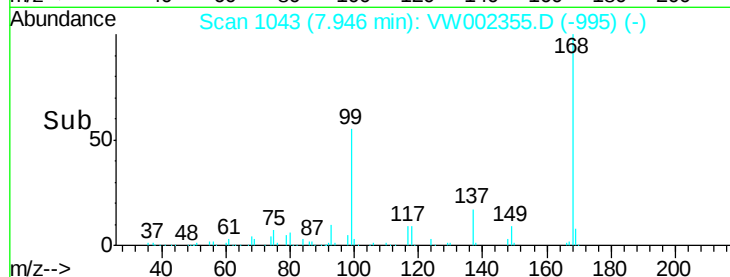
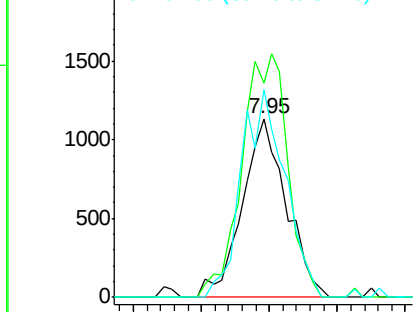
#31
Cyclohexane
Concen: 1.50 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002355.D
Acq: 10 May 2018 03:50

Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(70-72)

Tgt Ion: 56 Resp: 2571
Ion Ratio Lower Upper
56 100
69 119.9 26.2 39.4#
84 116.5 69.2 103.8#

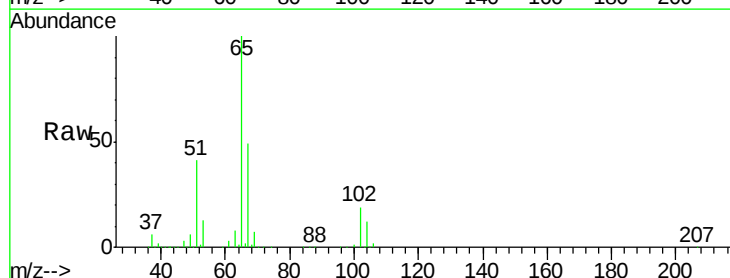


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

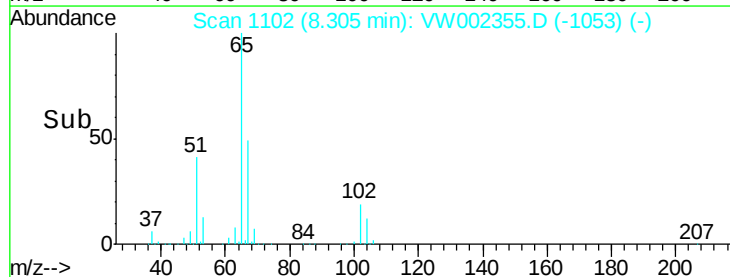
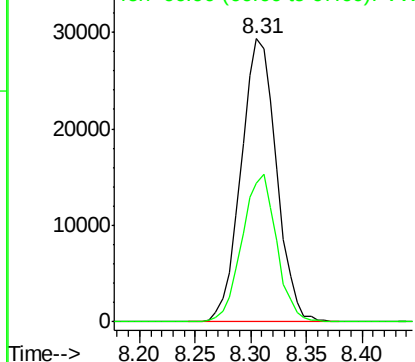


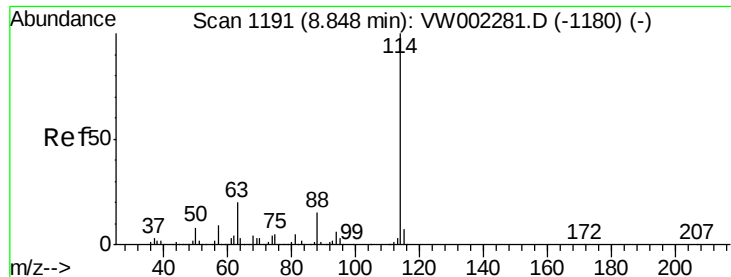
#33
1,2-Dichloroethane-d4
Concen: 56.06 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002355.D
Acq: 10 May 2018 03:50

Tgt Ion: 65 Resp: 64737
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

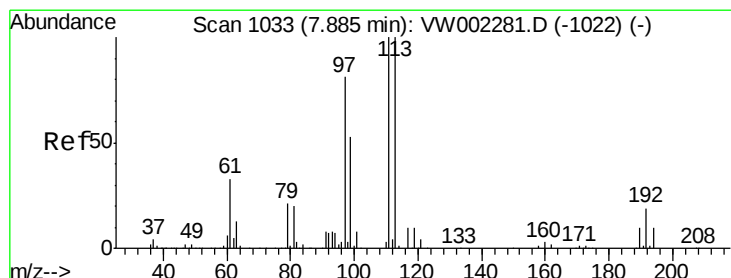
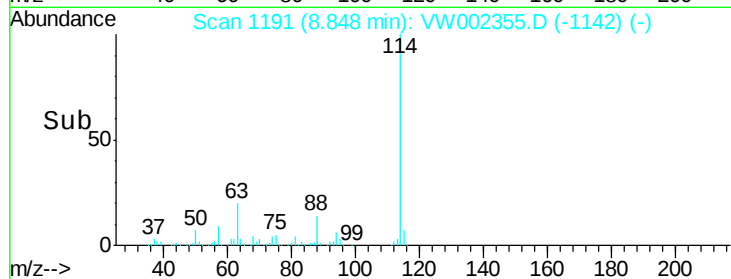
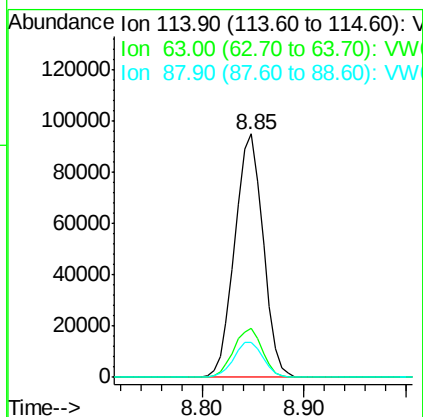
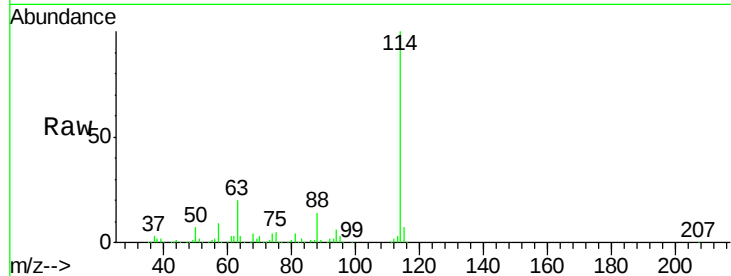




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002355.D
 Acq: 10 May 2018 03:50

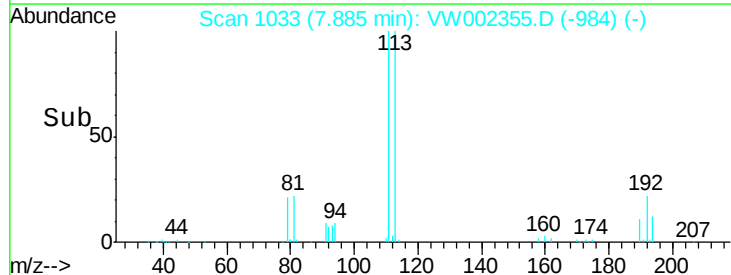
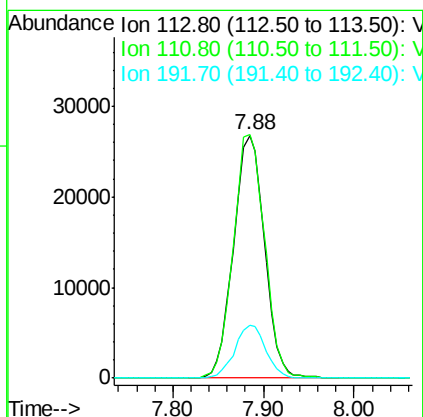
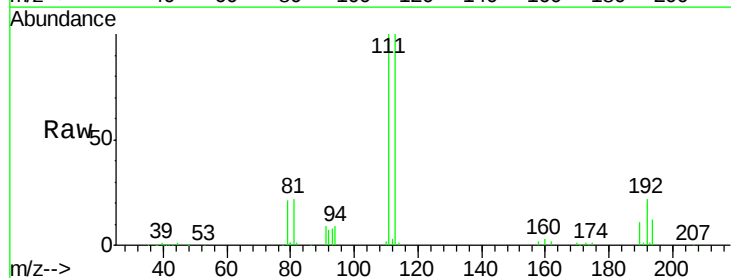
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-F-6A(70-72)

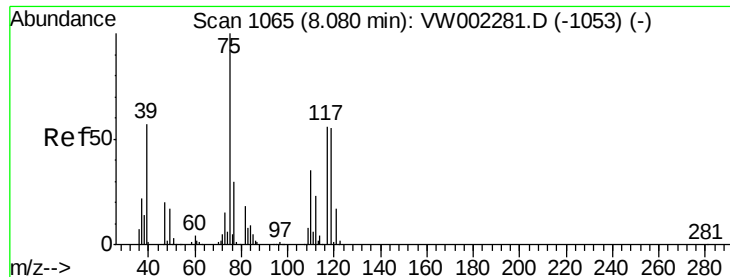
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	14.3	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 54.24 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002355.D
 Acq: 10 May 2018 03:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	21.7	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

Instrument :

MSVOA_W

ClientSampleId :

EPE-F-6A(70-72)

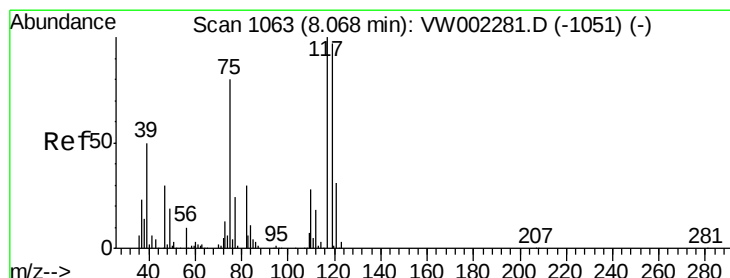
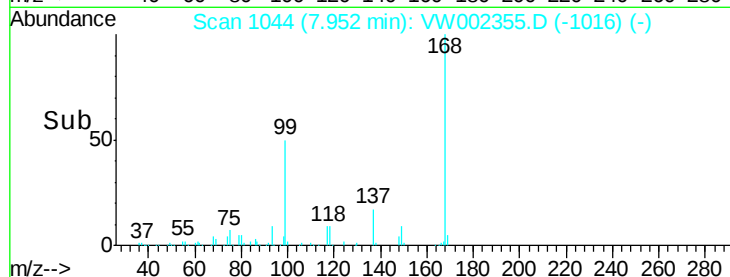
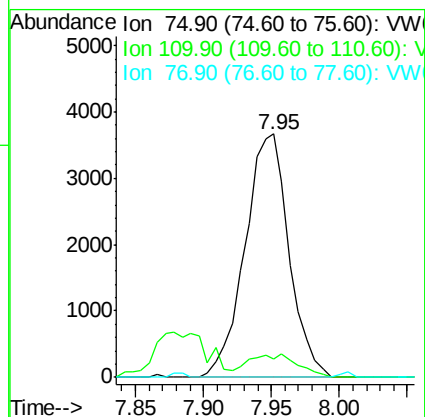
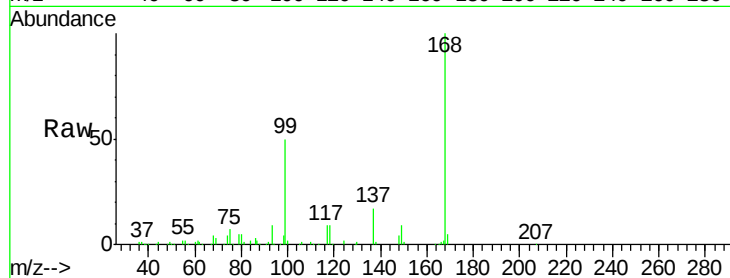
Tgt Ion: 75 Resp: 8289

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.1#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.32 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

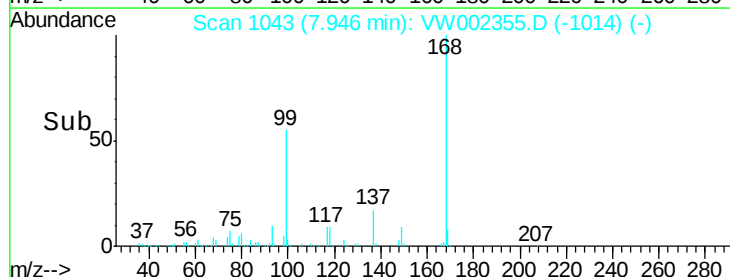
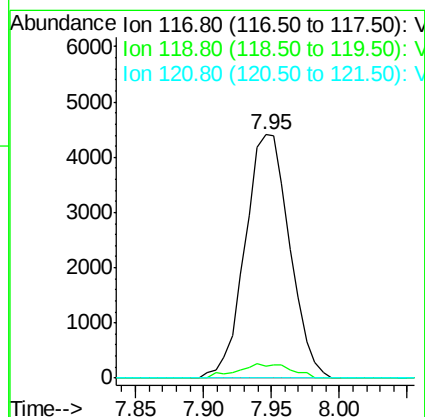
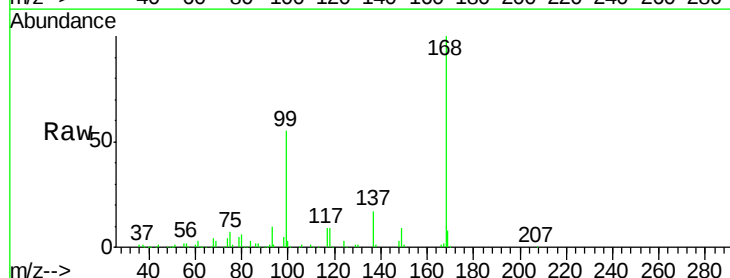
Tgt Ion: 117 Resp: 10086

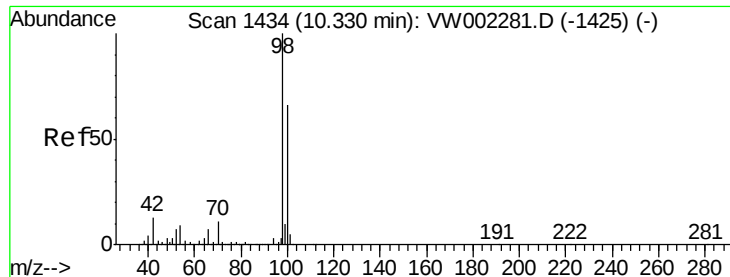
Ion Ratio Lower Upper

117 100

119 4.8 77.5 116.3#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 36.32 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

Instrument :

MSVOA_W

ClientSampleId :

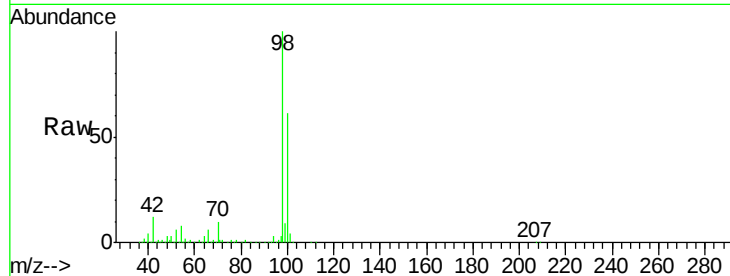
EPE-F-6A(70-72)

Tgt Ion: 98 Resp: 162075

Ion Ratio Lower Upper

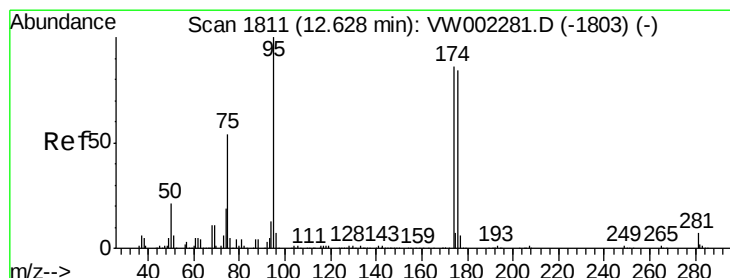
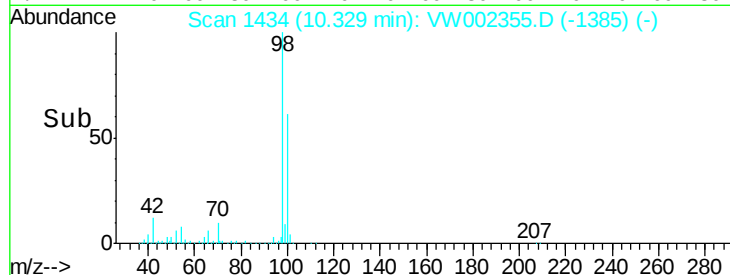
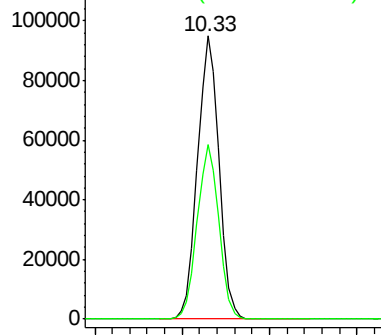
98 100

100 62.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 19.82 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002355.D

Acq: 10 May 2018 03:50

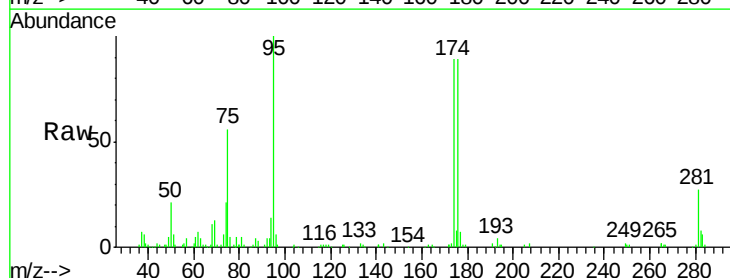
Tgt Ion: 95 Resp: 31965

Ion Ratio Lower Upper

95 100

174 90.5 0.0 176.8

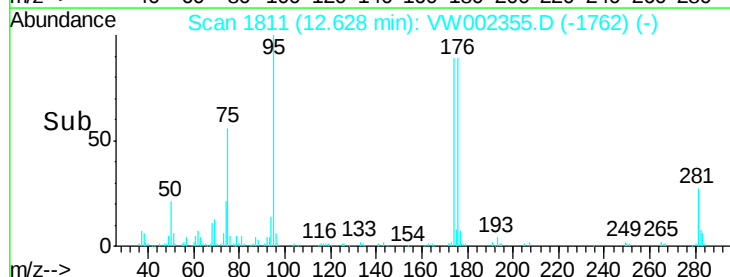
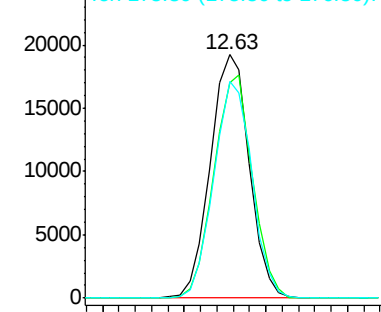
176 87.3 0.0 170.4

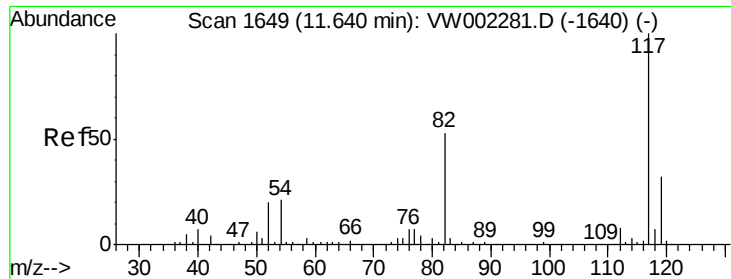


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

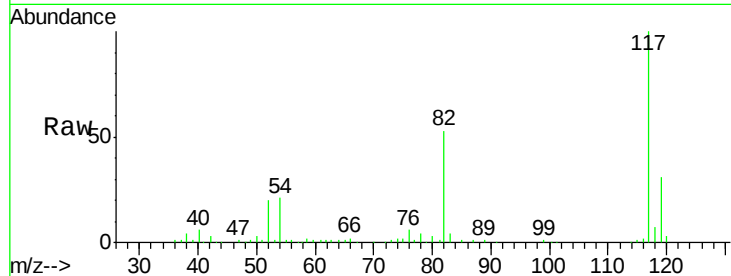




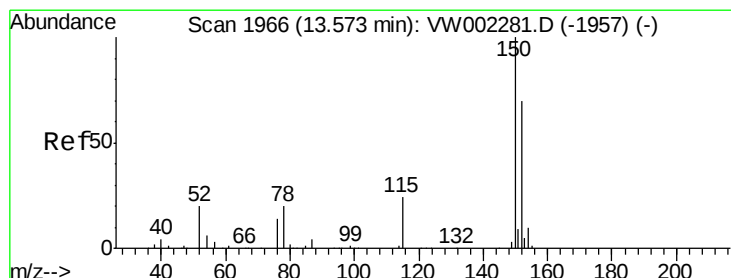
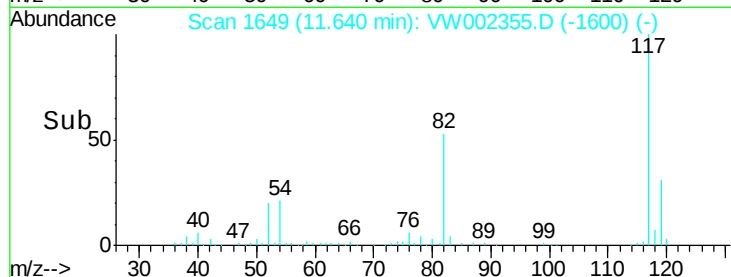
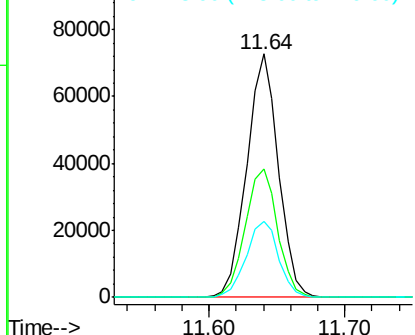
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002355.D
Acq: 10 May 2018 03:50

Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(70-72)

Tgt Ion:117 Resp: 118347
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 31.2 25.2 37.8

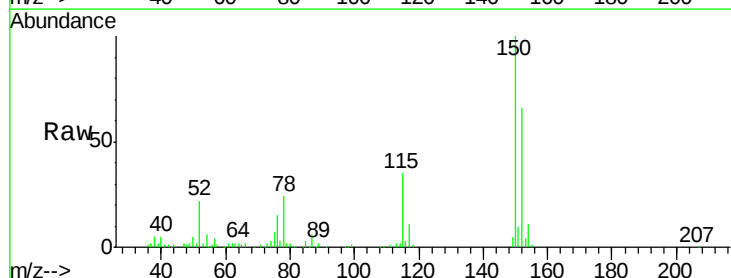


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

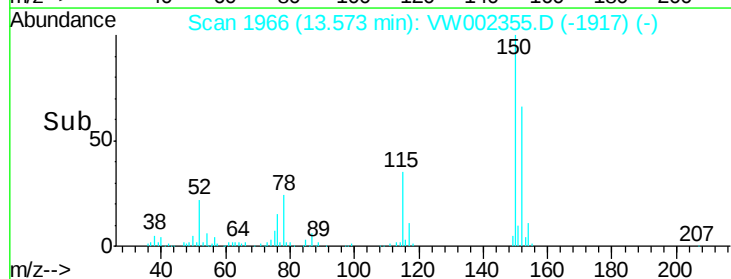
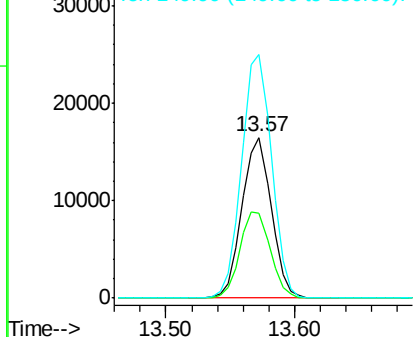


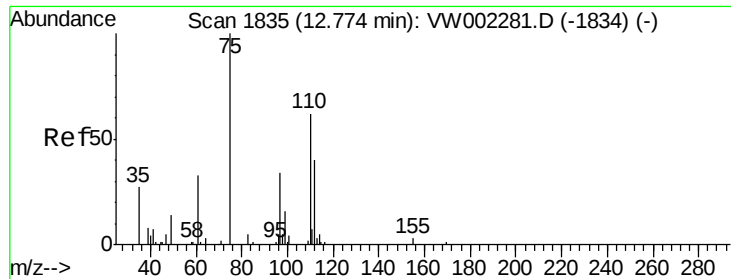
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002355.D
Acq: 10 May 2018 03:50

Tgt Ion:152 Resp: 25993
Ion Ratio Lower Upper
152 100
115 55.5 28.5 85.5
150 154.8 0.0 342.6



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

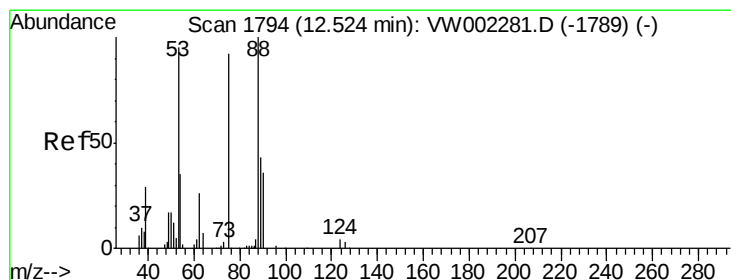
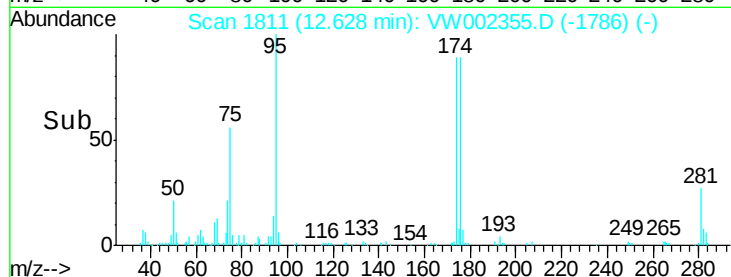
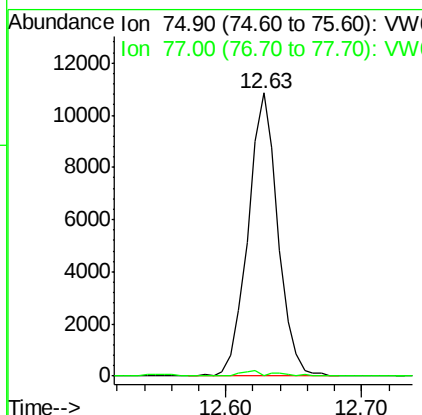
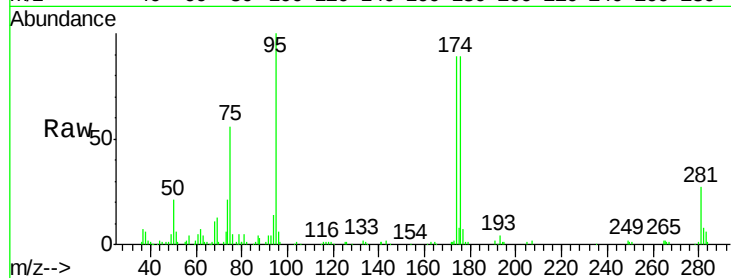




#76
 1,2,3-Trichloropropane
 Concen: 72.17 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002355.D
 Acq: 10 May 2018 03:50

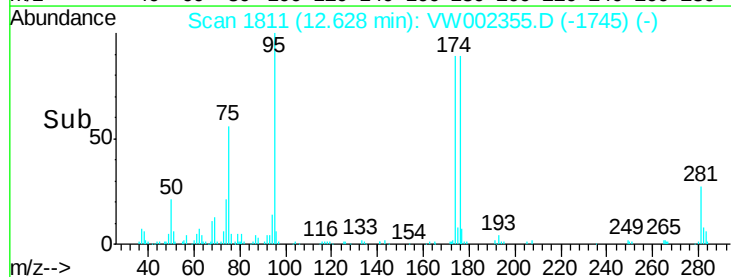
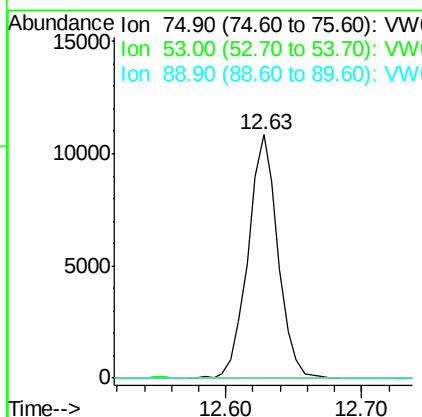
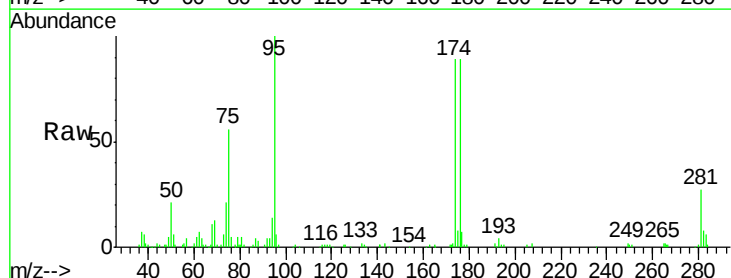
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-F-6A(70-72)

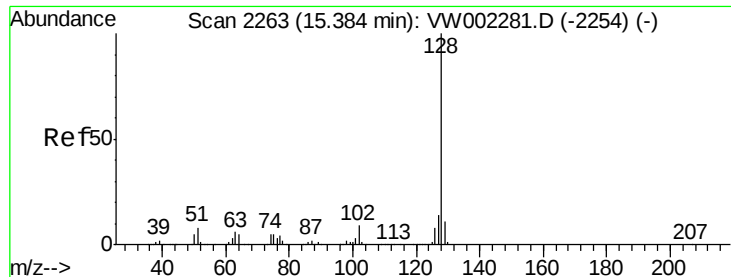
Tgt Ion: 75 Resp: 16634
 Ion Ratio Lower Upper
 75 100
 77 1.1 187.5 562.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 190.09 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002355.D
 Acq: 10 May 2018 03:50

Tgt Ion: 75 Resp: 16634
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.9 119.9#
 89 0.0 37.6 56.4#

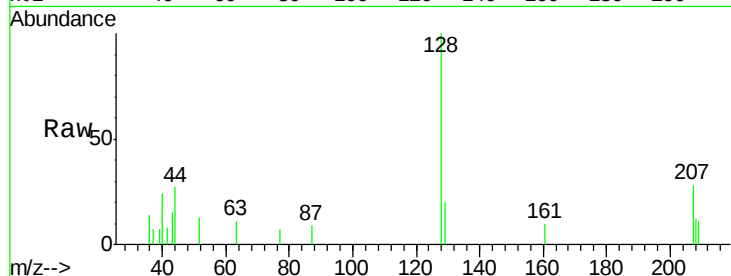




#95
Naphthalene
Concen: 1.48 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VW002355.D
Acq: 10 May 2018 03:50

Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(70-72)

Tgt Ion:128 Resp: 1484
Ion Ratio Lower Upper
128 100
127 5.1 11.0 16.4#
129 13.3 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

