

Data File : VW002353.D
Acq On : 10 May 2018 03:00
Operator : JC/SY
Sample : J2730-04
Misc : 5.98G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(50-52)

Quant Time: May 10 05:52:06 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	189984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	299366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	261733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	136164	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88308	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
35) Dibromofluoromethane	7.88	113	83866	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
50) Toluene-d8	10.33	98	241955	33.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.14%	
62) 4-Bromofluorobenzene	12.63	95	102169	38.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.28%	

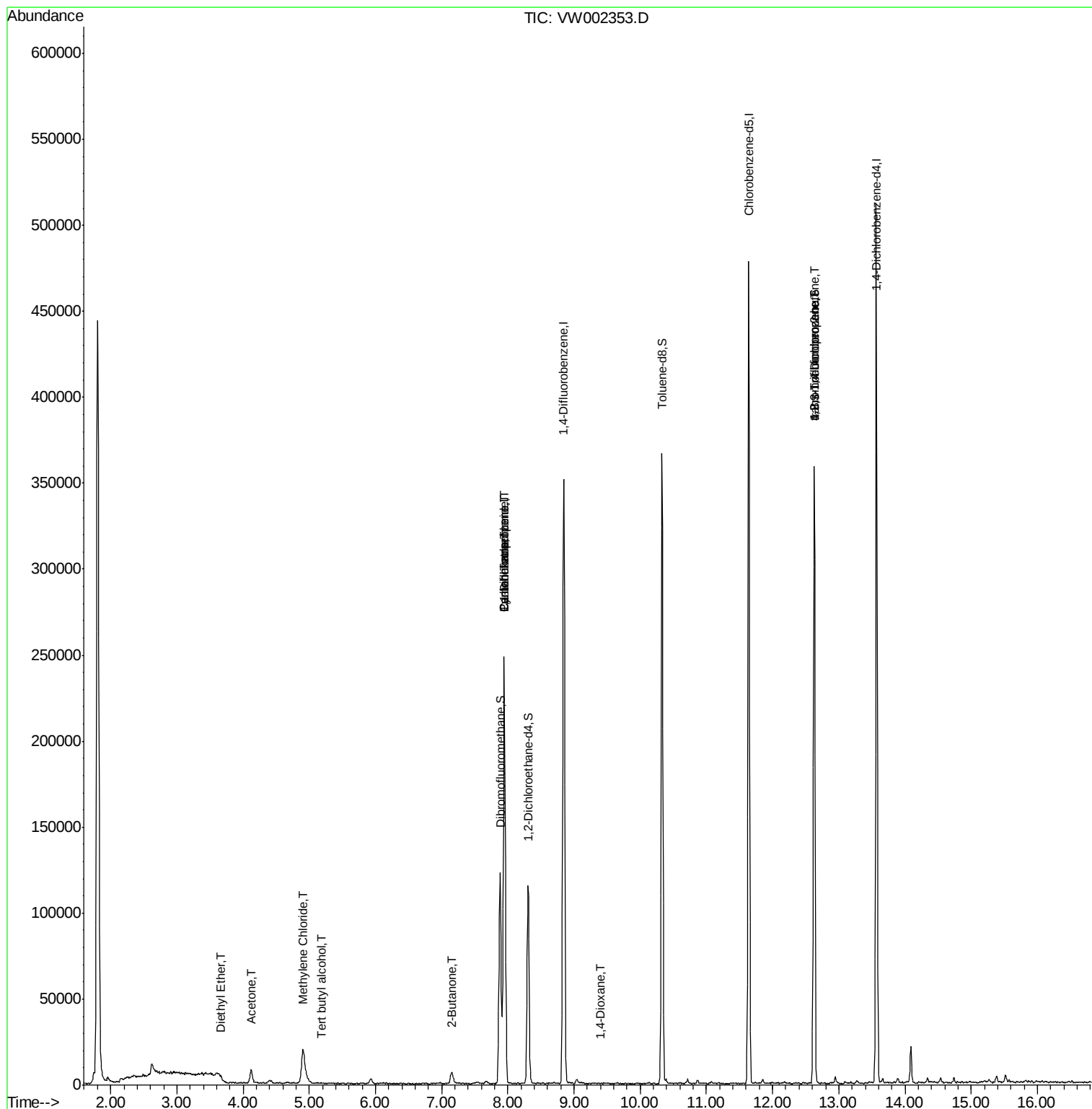
Target Compounds						Qvalue
8) Diethyl Ether	3.67	74	1272	1.16	ug/l	80
11) Tert butyl alcohol	5.18	59	340	2.32	ug/l #	60
16) Acetone	4.12	43	13980	35.48	ug/l	97
20) Methylene Chloride	4.90	84	18467	9.72	ug/l	95
25) 2-Butanone	7.16	43	802	1.37	ug/l #	49
31) Cyclohexane	7.95	56	4134	1.38	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	14574	5.38	ug/l #	49
38) Carbon Tetrachloride	7.95	117	17968	6.86	ug/l #	15
49) 1,4-Dioxane	9.40	88	19	1.08	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	52201	43.23	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	52201	113.88	ug/l #	10

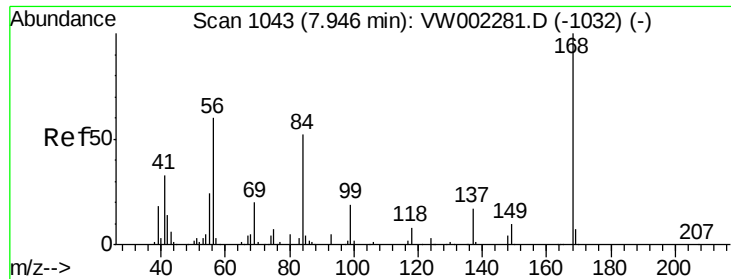
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

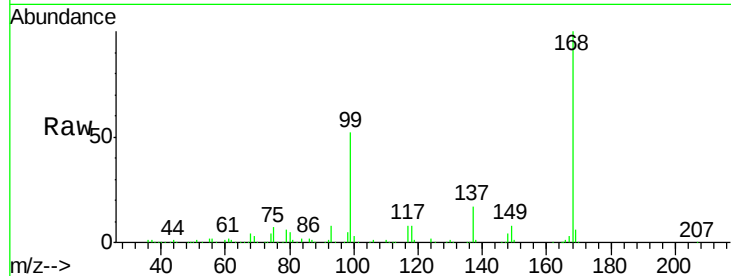
EPE-F-6A(50-52)

Tgt Ion:168 Resp: 189984

Ion Ratio Lower Upper

168 100

99 52.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

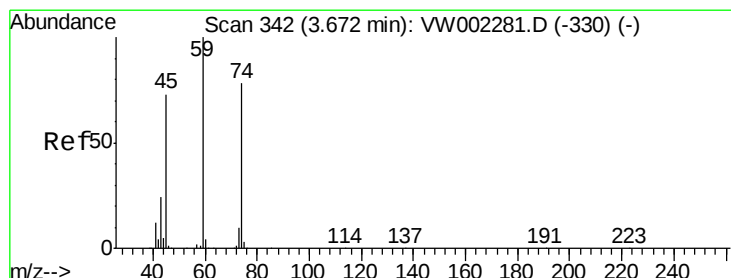
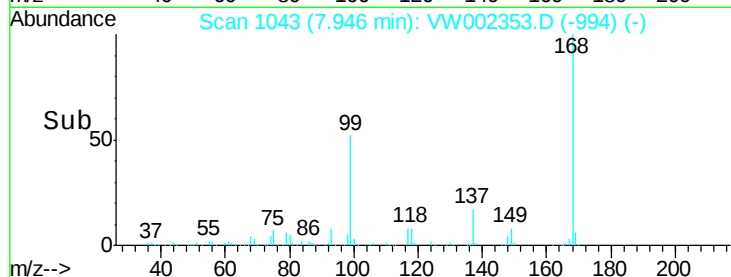
40000

20000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.16 ug/l

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW002353.D

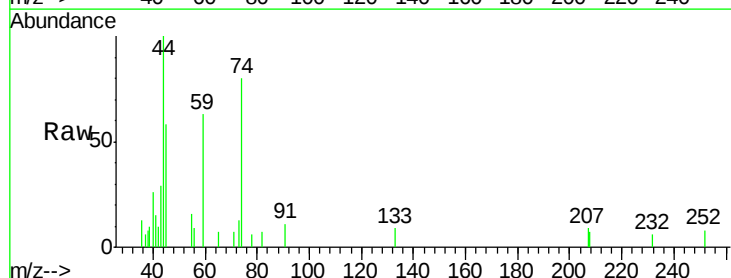
Acq: 10 May 2018 03:00

Tgt Ion: 74 Resp: 1272

Ion Ratio Lower Upper

74 100

45 119.3 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

800

600

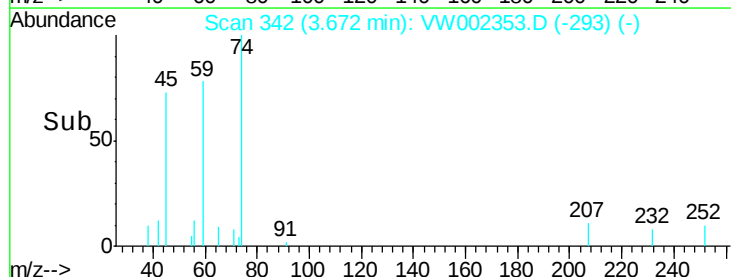
400

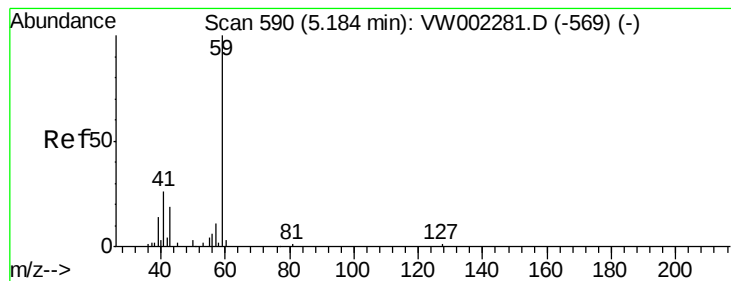
200

0

3.60 3.65 3.70 3.75

Time-->



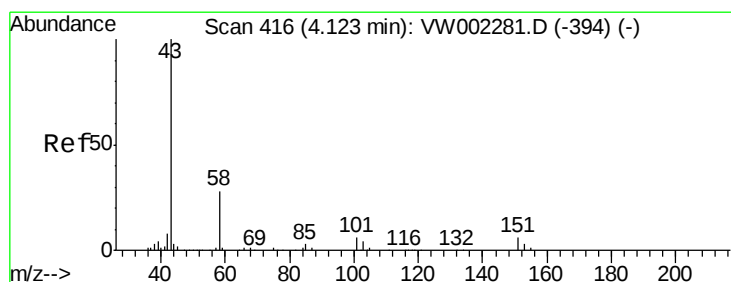
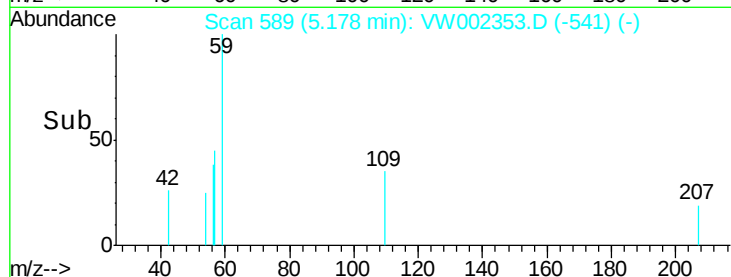
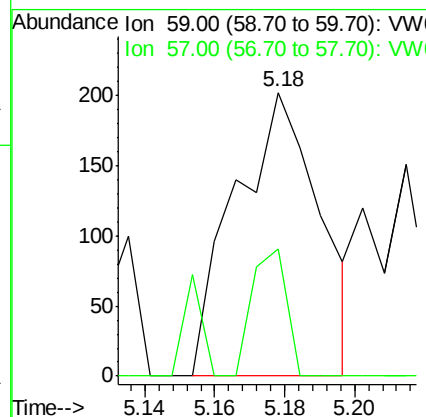
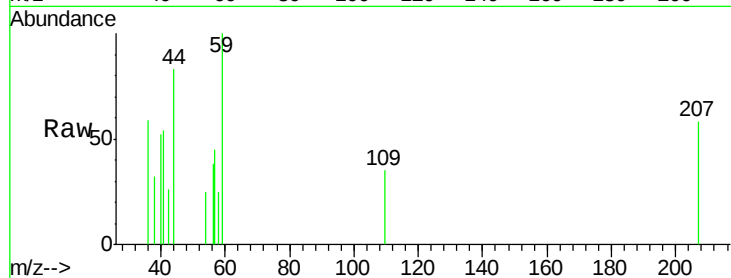


#11

Tert butyl alcohol
 Concen: 2.32 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW002353.D
 Acq: 10 May 2018 03:00

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-F-6A(50-52)

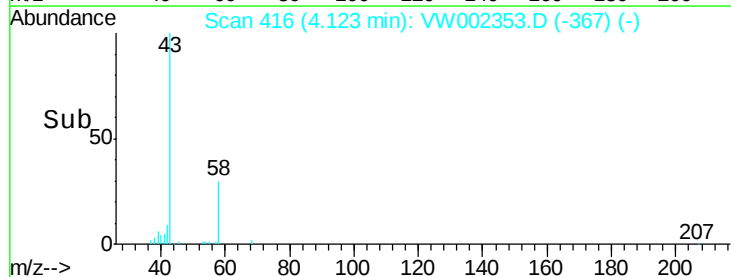
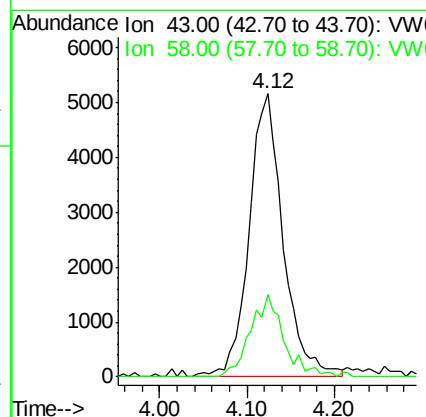
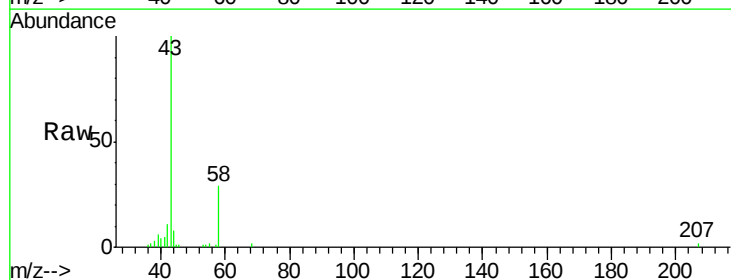
Tgt Ion: 59 Resp: 340
 Ion Ratio Lower Upper
 59 100
 57 18.2 3.9 5.9#

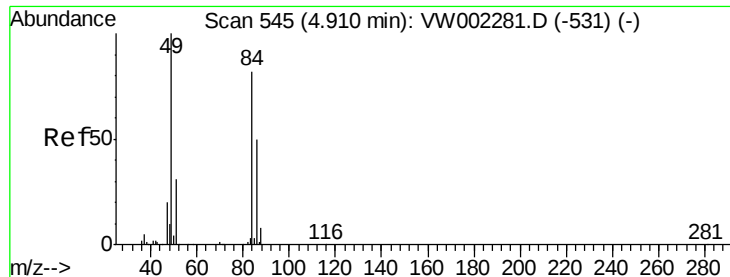


#16

Acetone
 Concen: 35.48 ug/l
 RT: 4.12 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VW002353.D
 Acq: 10 May 2018 03:00

Tgt Ion: 43 Resp: 13980
 Ion Ratio Lower Upper
 43 100
 58 29.1 22.2 33.4

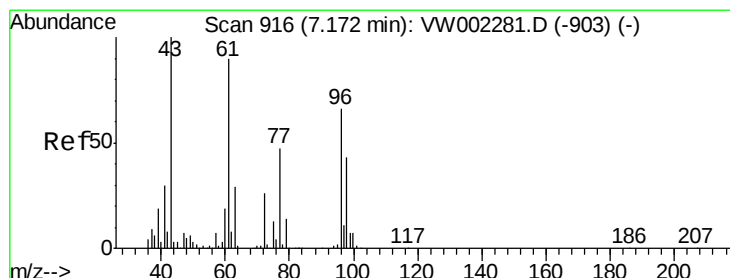
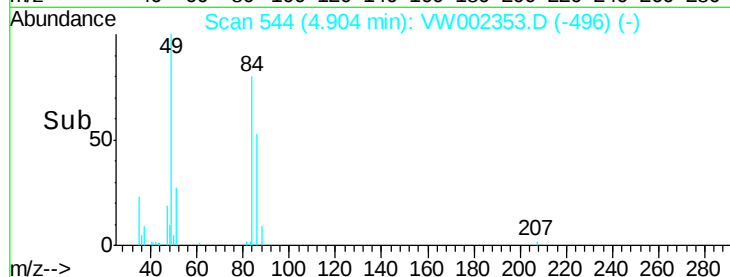
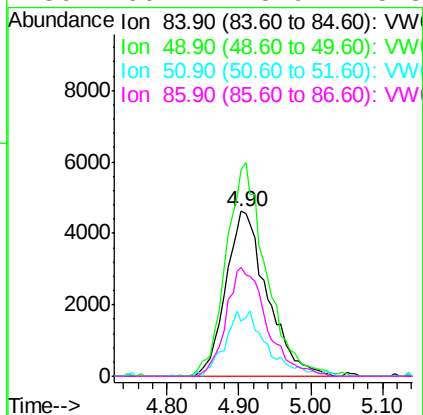
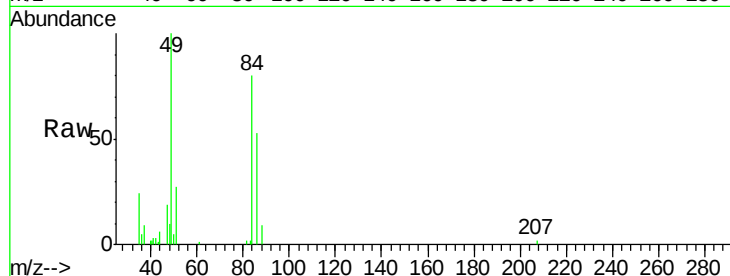




#20
Methylene Chloride
Concen: 9.72 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

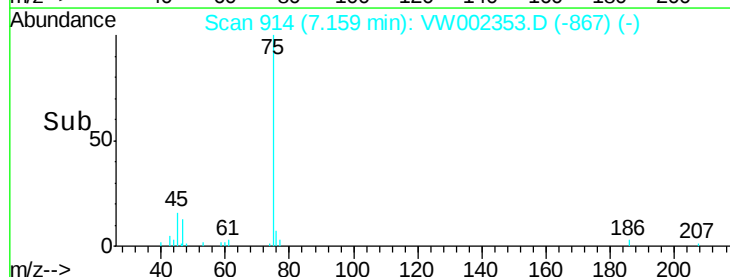
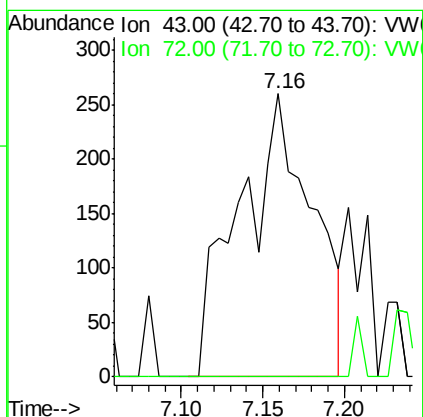
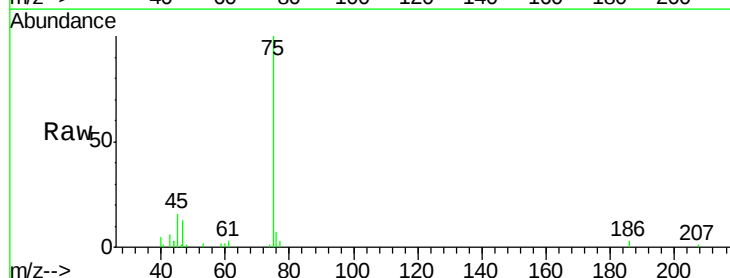
Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(50-52)

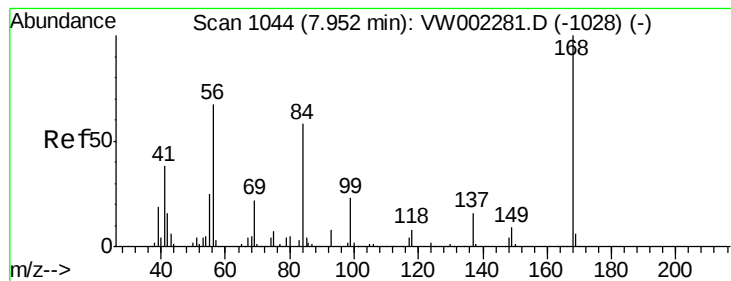
Tgt Ion:	84	Resp:	18467
Ion	Ratio	Lower	Upper
84	100		
49	125.2	97.7	146.5
51	33.6	30.2	45.4
86	66.1	48.9	73.3



#25
2-Butanone
Concen: 1.37 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

Tgt Ion:	43	Resp:	802
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	31.0#





#31

Cyclohexane

Concen: 1.38 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

EPE-F-6A(50-52)

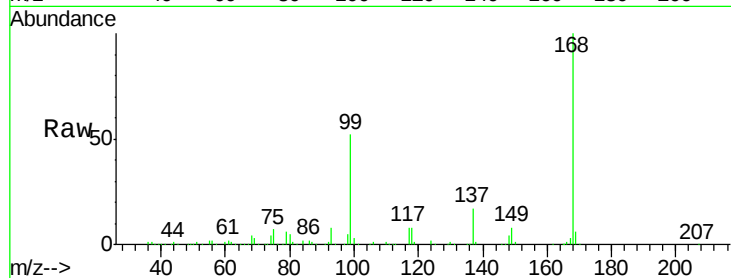
Tgt Ion: 56 Resp: 4134

Ion Ratio Lower Upper

56 100

69 169.3 26.2 39.4#

84 118.6 69.2 103.8#

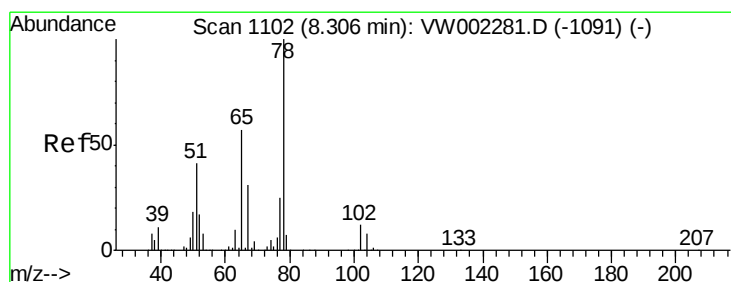
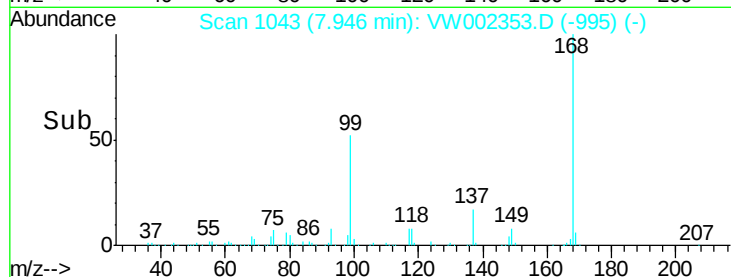
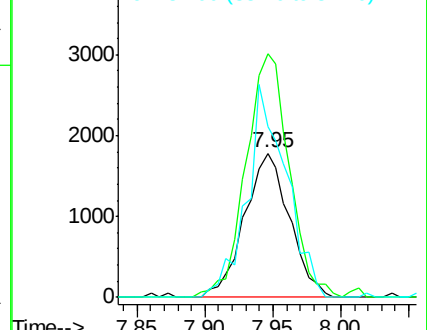


Abundance

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: 43.77 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW002353.D

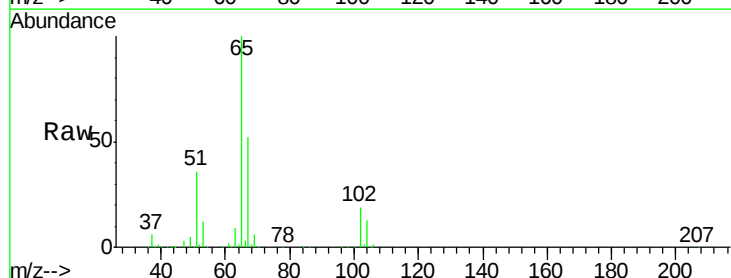
Acq: 10 May 2018 03:00

Tgt Ion: 65 Resp: 88308

Ion Ratio Lower Upper

65 100

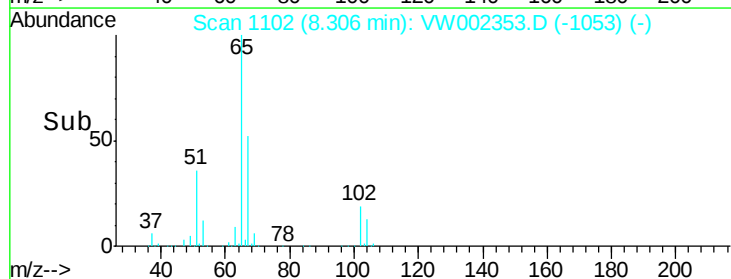
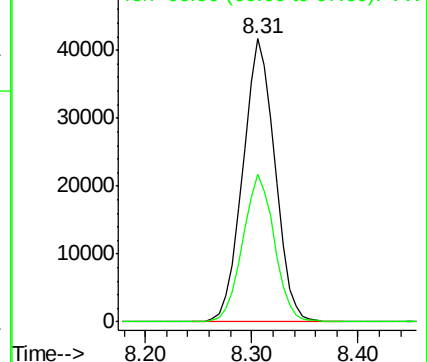
67 51.5 0.0 107.2

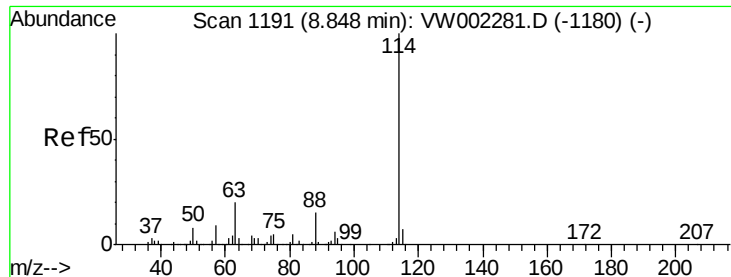


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

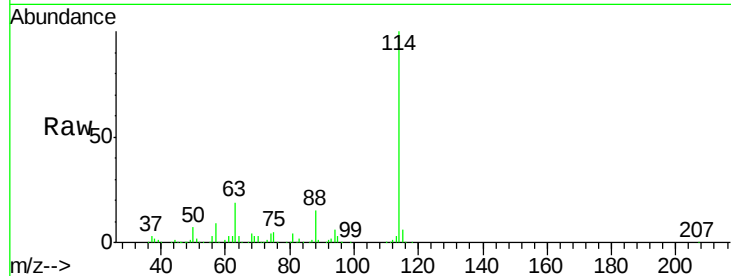




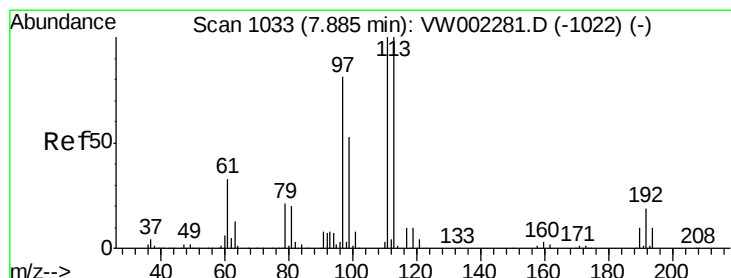
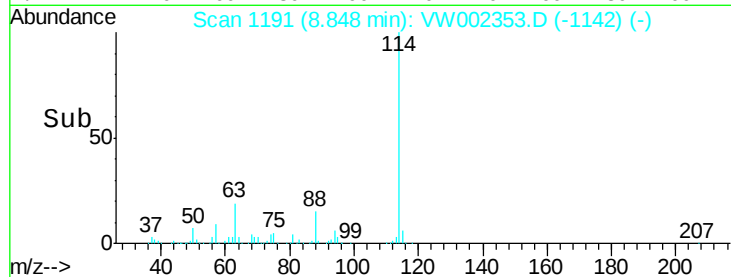
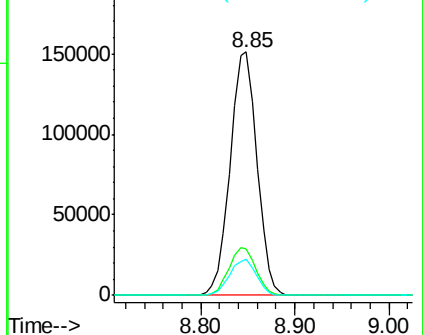
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW002353.D
 Acq: 10 May 2018 03:00

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-F-6A(50-52)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.0
88	14.8	0.0	29.6

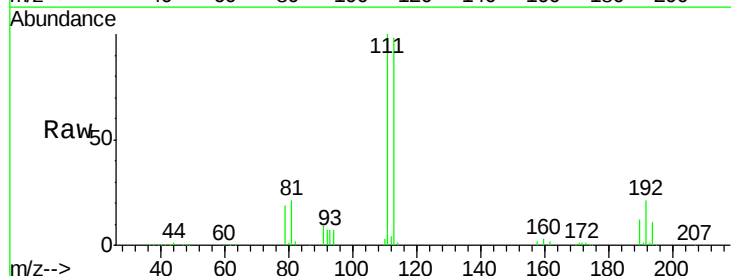


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

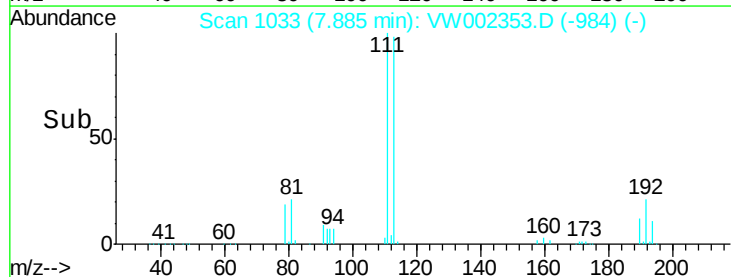
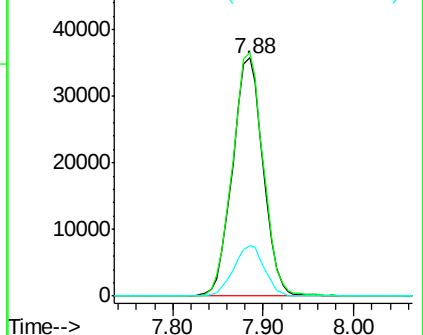


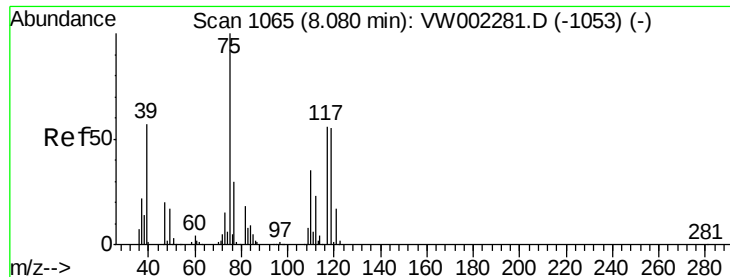
#35
 Dibromofluoromethane
 Concen: 43.71 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002353.D
 Acq: 10 May 2018 03:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	21.0	16.4	24.6



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





#36

1,1-Dichloropropene

Concen: 5.38 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

EPE-F-6A(50-52)

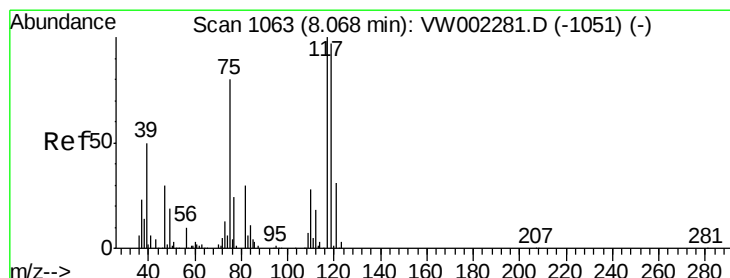
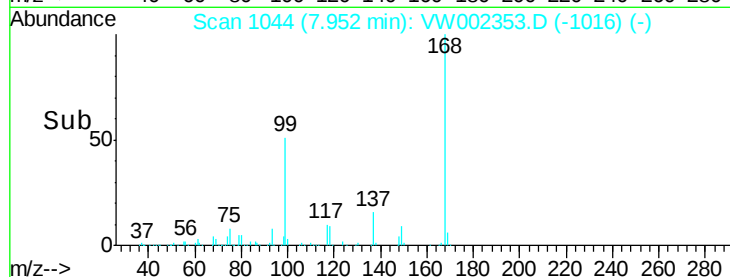
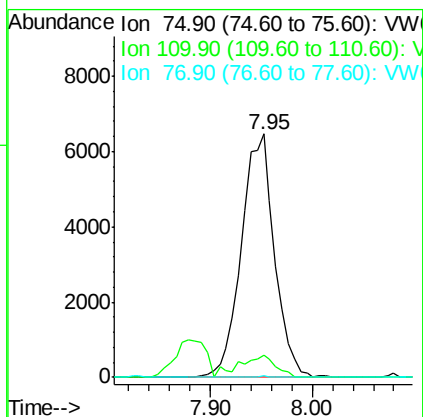
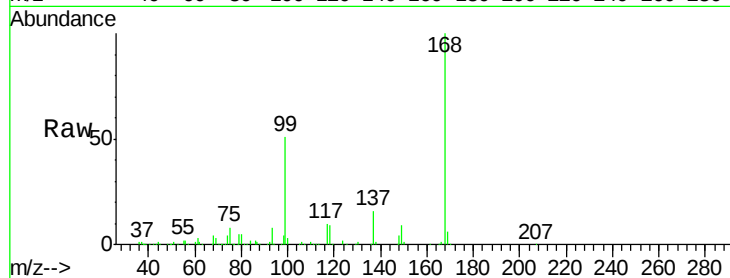
Tgt Ion: 75 Resp: 14574

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.1#

77 0.1 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.86 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

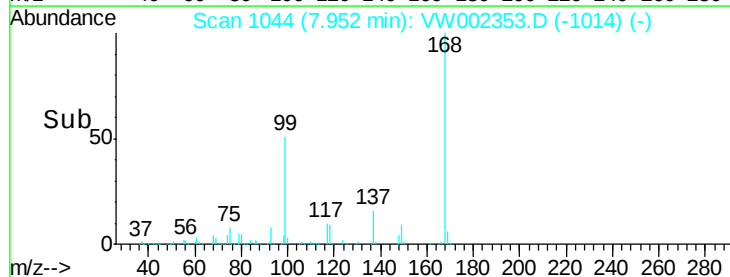
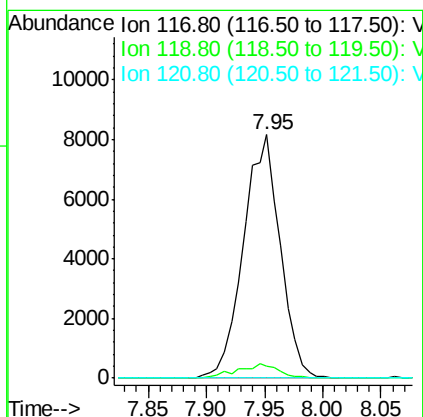
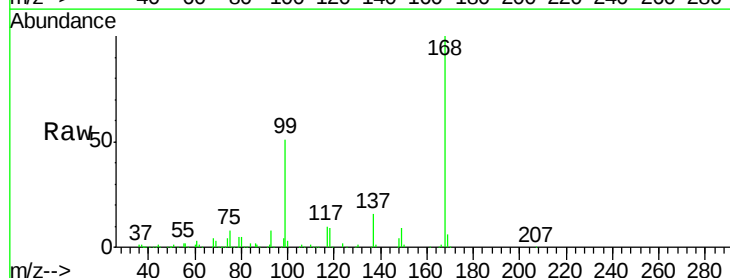
Tgt Ion: 117 Resp: 17968

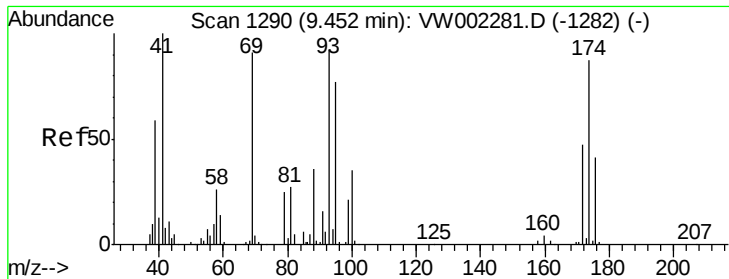
Ion Ratio Lower Upper

117 100

119 5.0 77.5 116.3#

121 0.0 24.4 36.6#

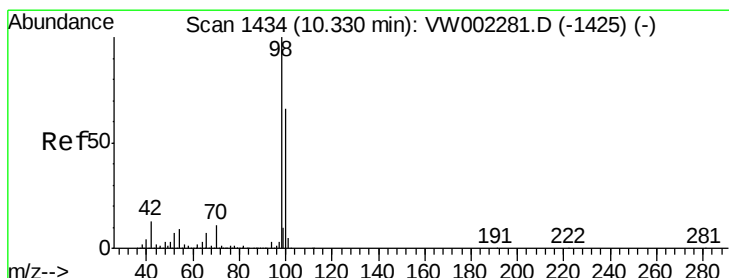
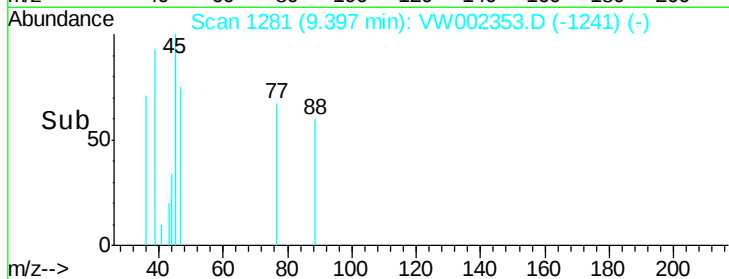
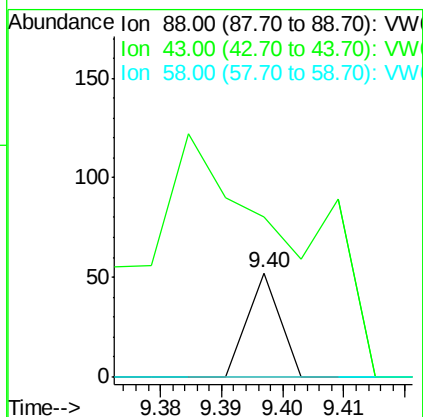
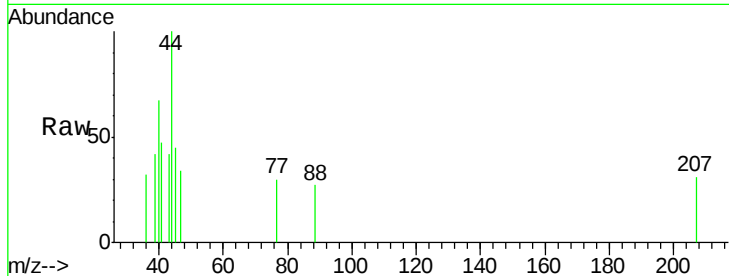




#49
1,4-Dioxane
Concen: 1.08 ug/l
RT: 9.40 min Scan# 1281
Delta R.T. -0.05 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

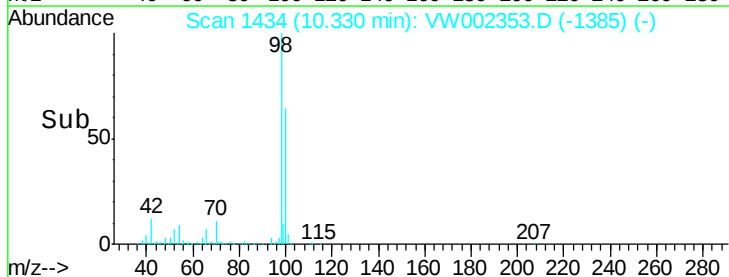
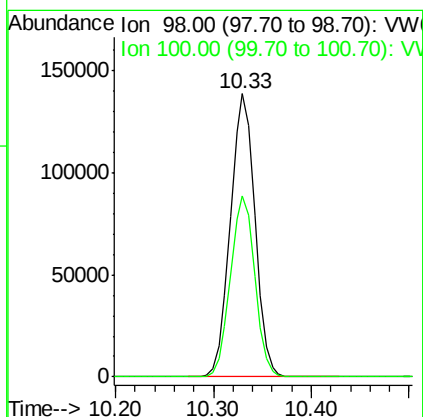
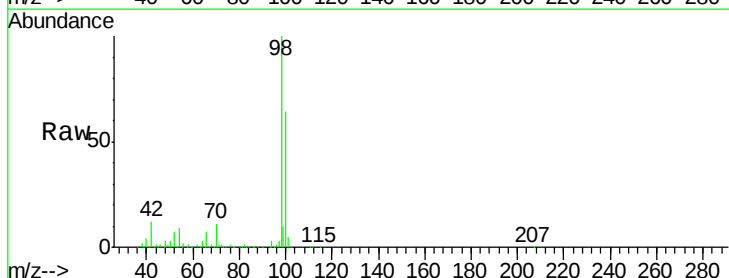
Instrument :
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EPE-F-6A(50-52)

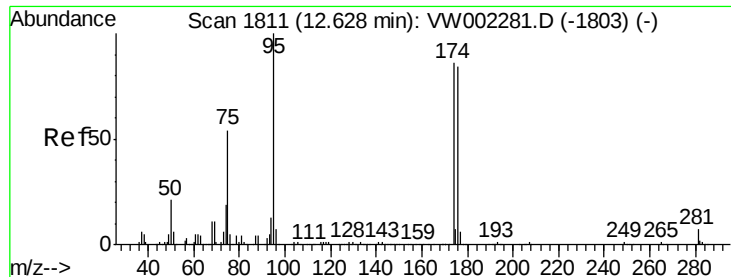
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 952.6 26.3 39.5#
58 0.0 56.0 84.0#



#50
Toluene-d8
Concen: 33.07 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

Tgt Ion: 98 Resp: 241955
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.2

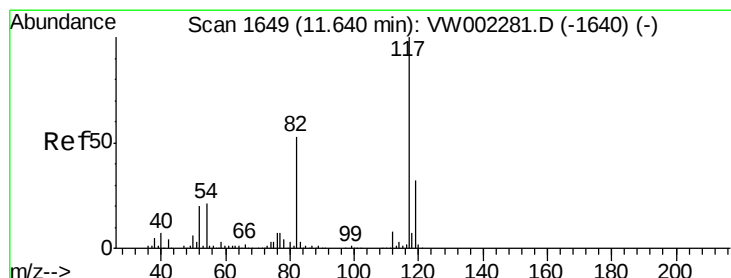
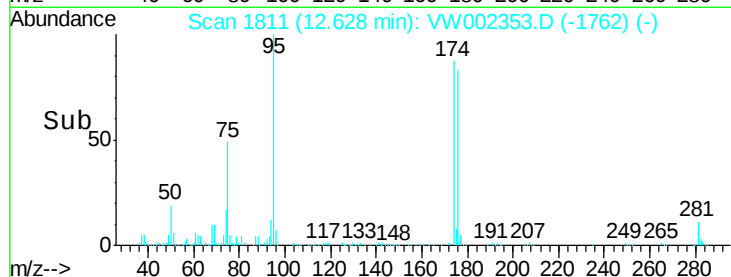
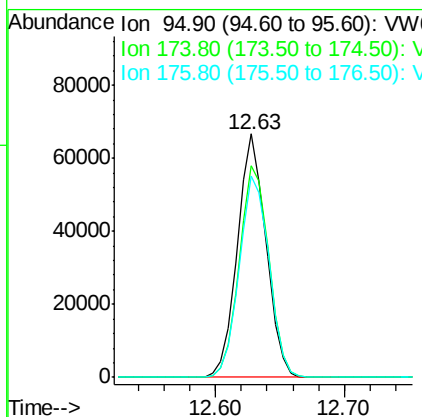
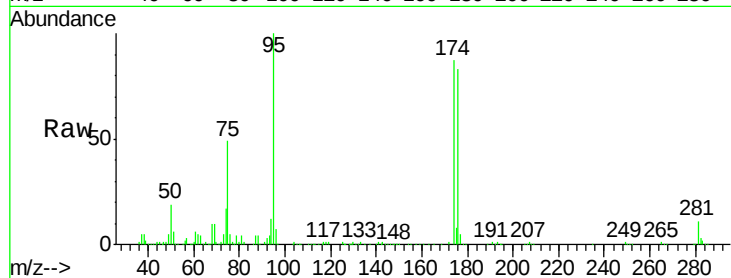




#62
4-Bromofluorobenzene
Concen: 38.64 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

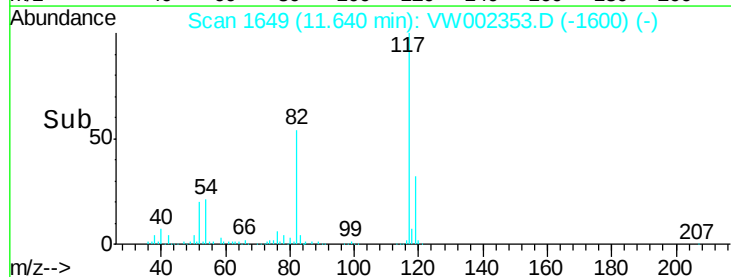
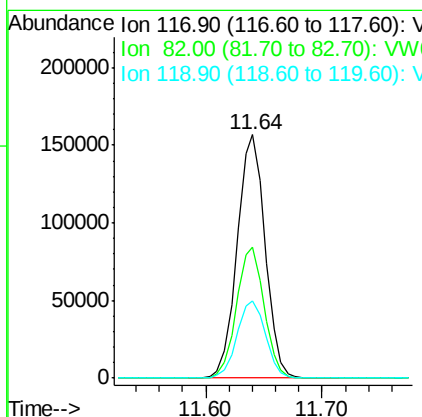
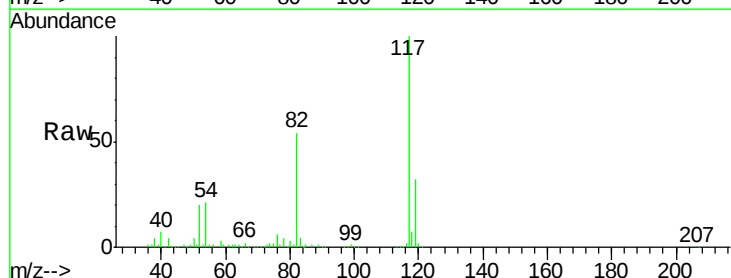
Instrument :
MSVOA_W
ClientSampleId :
EPE-F-6A(50-52)

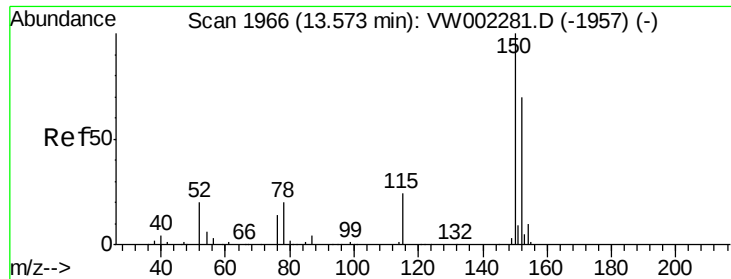
Tgt Ion: 95 Resp: 102169
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.8
176 86.0 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002353.D
Acq: 10 May 2018 03:00

Tgt Ion: 117 Resp: 261733
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 31.9 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

EPE-F-6A(50-52)

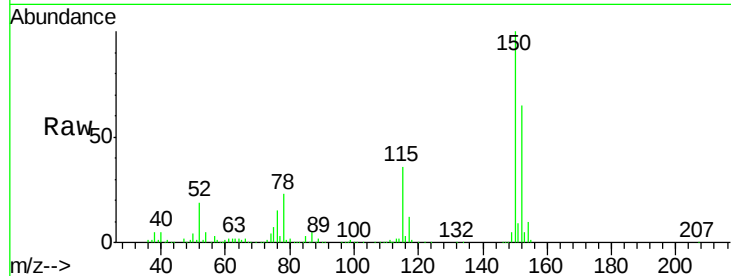
Tgt Ion:152 Resp: 136164

Ion Ratio Lower Upper

152 100

115 56.1 28.5 85.5

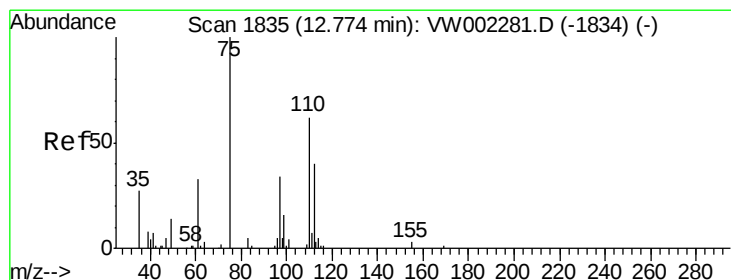
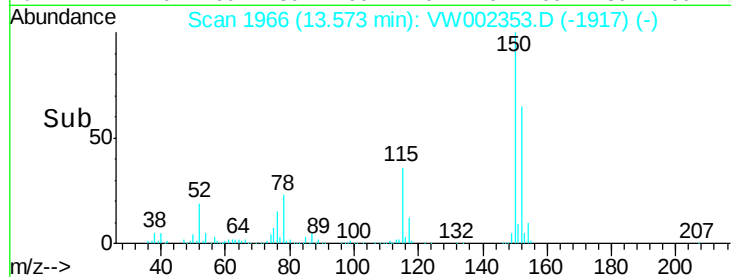
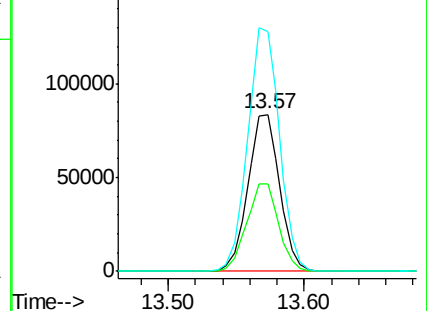
150 156.1 0.0 342.6



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: 43.23 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002353.D

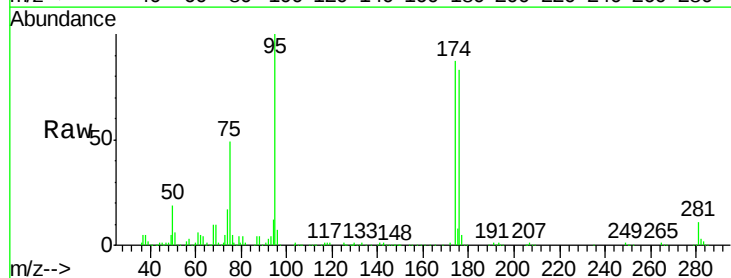
Acq: 10 May 2018 03:00

Tgt Ion: 75 Resp: 52201

Ion Ratio Lower Upper

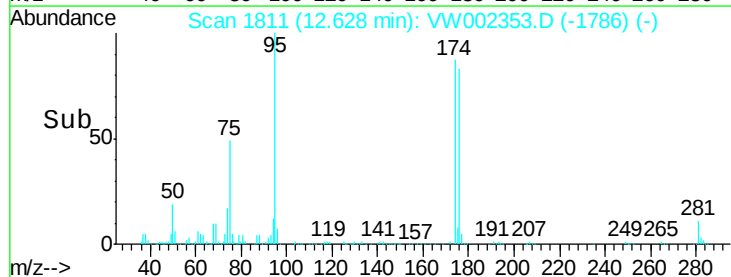
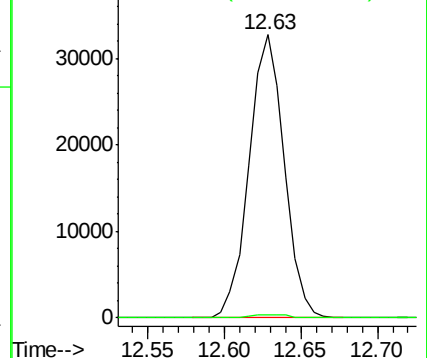
75 100

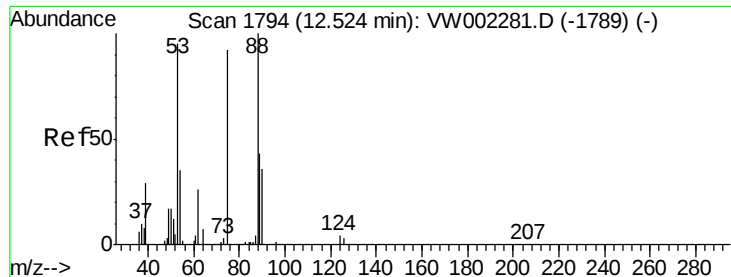
77 1.4 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 113.88 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002353.D

Acq: 10 May 2018 03:00

Instrument :

MSVOA_W

ClientSampleId :

EPE-F-6A(50-52)

Tgt Ion: 75 Resp: 52201

Ion Ratio Lower Upper

75 100

53 0.2 79.9 119.9#

89 0.3 37.6 56.4#

