

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003283.D
 Acq On : 15 Jun 2018 04:16
 Operator : VA/AP
 Sample : J3471-01
 Misc : 4.40G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 #1

Quant Time: Jun 15 06:50:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	142856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	233619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	174713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	74813	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
35) Dibromofluoromethane	7.89	113	65053	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	
50) Toluene-d8	10.33	98	170905	29.69	ug/l	0.00
Spiked Amount			Recovery	=	59.38%	
62) 4-Bromofluorobenzene	12.63	95	48905	24.01	ug/l	0.00
Spiked Amount			Recovery	=	48.02%	

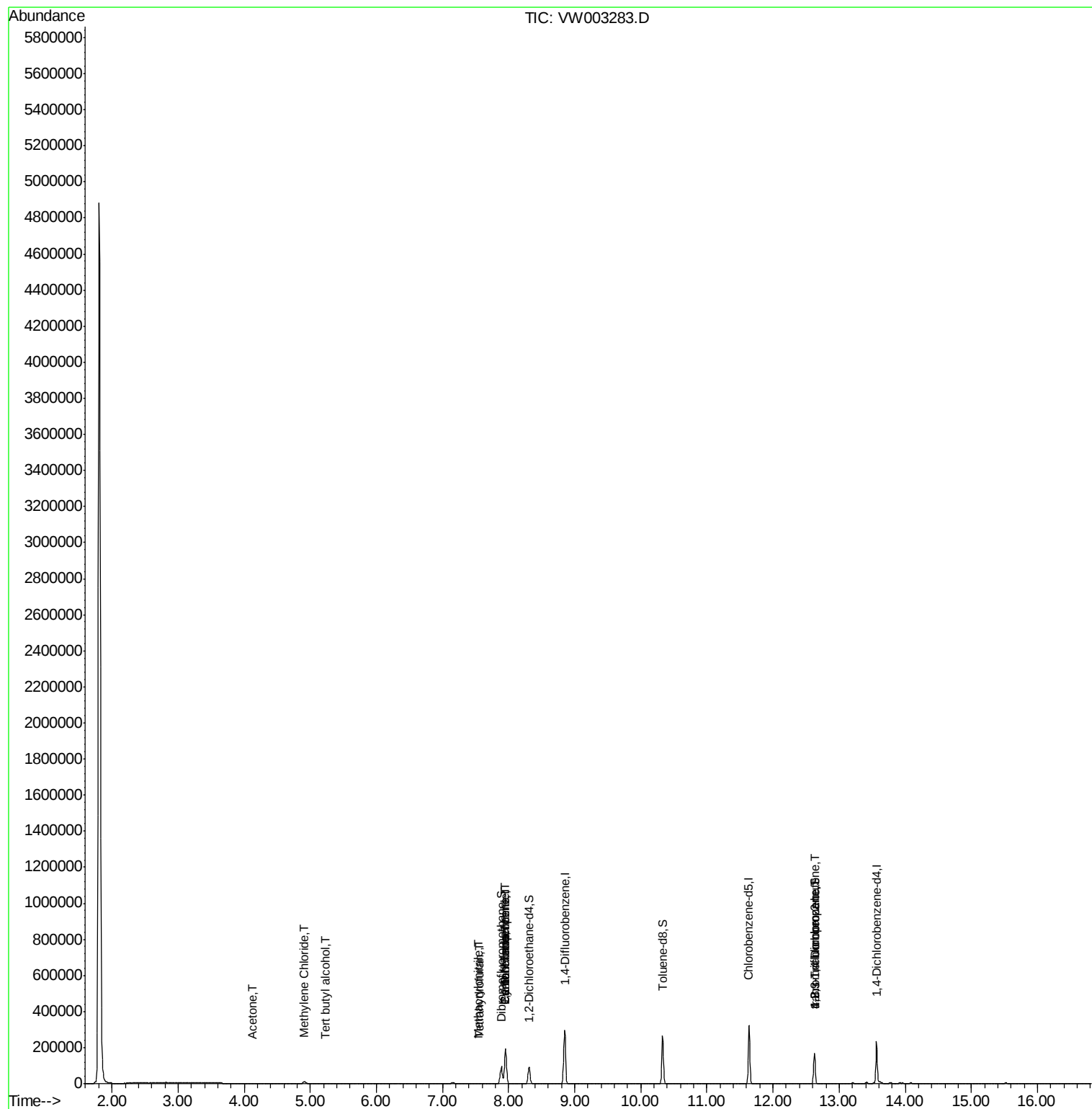
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	155	1.868	ug/l #	84
16) Acetone	4.14	43	530	1.633	ug/l #	46
20) Methylene Chloride	4.90	84	6883	1.427	ug/l	90
29) Tetrahydrofuran	7.56	42	1918	7.777	ug/l #	88
31) Cyclohexane	7.95	56	3437	1.375	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	11665	5.170	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14839	6.705	ug/l #	16
41) Methacrylonitrile	7.54	41	1276	2.225	ug/l #	52
76) 1,2,3-Trichloropropane	12.63	75	26970	54.884	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	26970	126.290	ug/l #	9

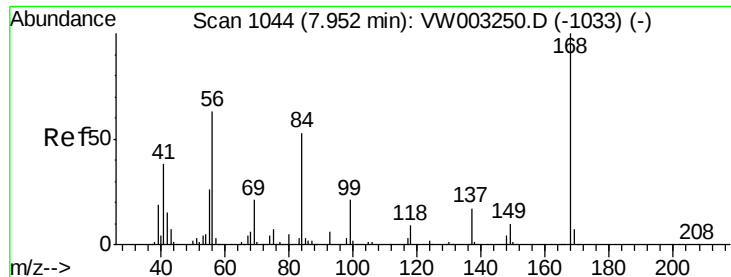
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
Data File : VW003283.D
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Quant Time: Jun 15 06:50:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 08:20:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003283.D

Acq: 15 Jun 2018 04:16

Instrument :

MSVOA_W

ClientSampleId :

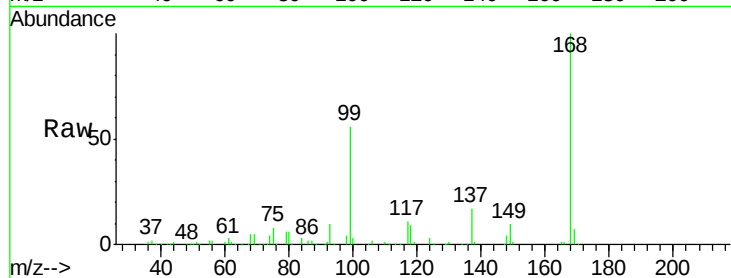
#1

Tgt Ion: 168 Resp: 142856

Ion Ratio Lower Upper

168 100

99 56.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

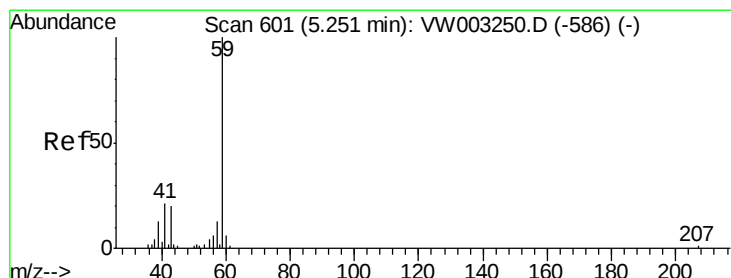
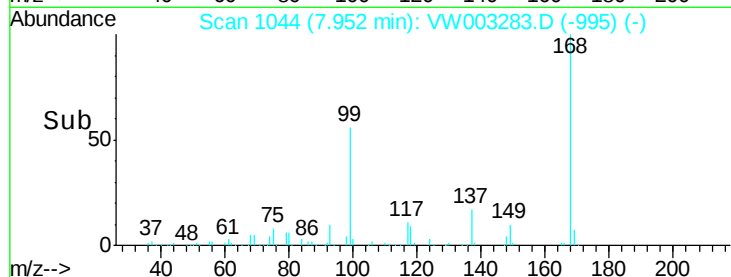
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.868 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003283.D

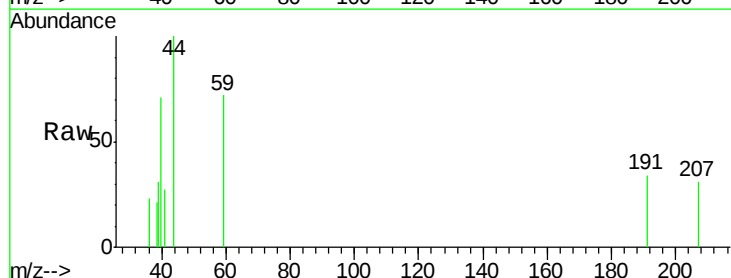
Acq: 15 Jun 2018 04:16

Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

200

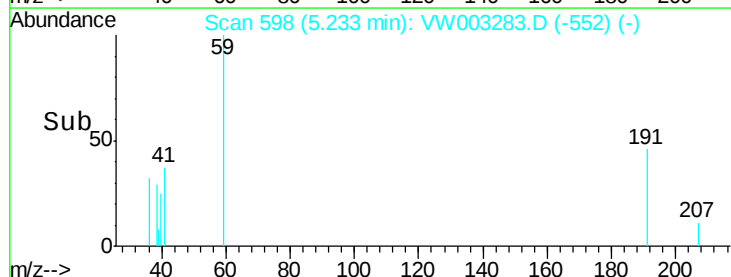
150

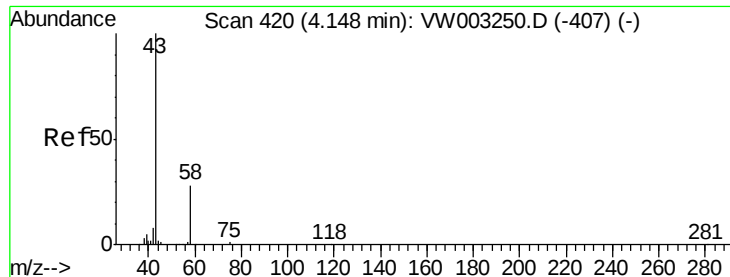
100

50

0

Time-->





#16

Acetone

Concen: 1.633 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003283.D

Acq: 15 Jun 2018 04:16

Instrument :

MSVOA_W

ClientSampled :

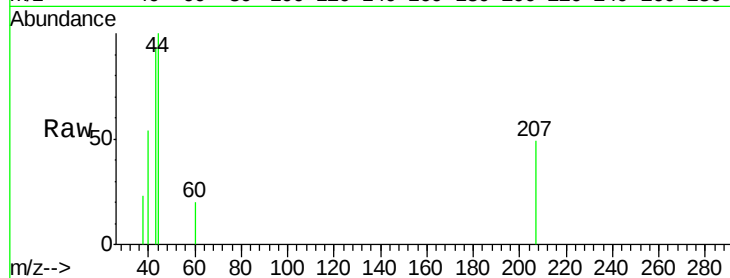
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Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

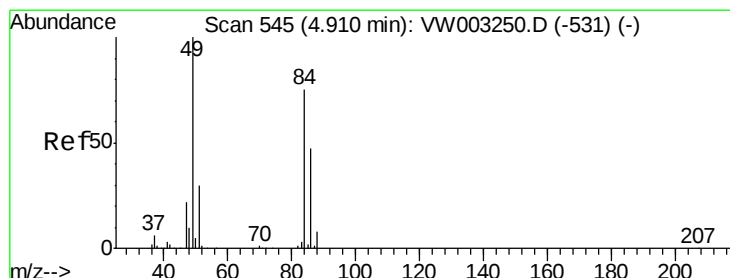
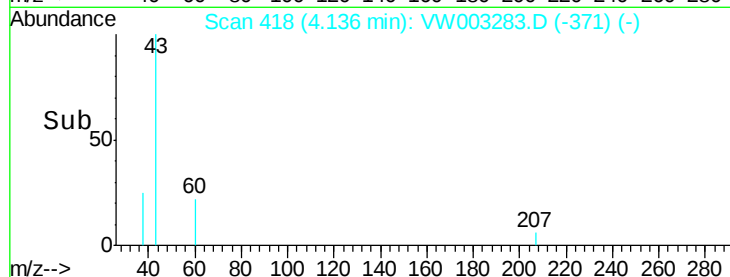
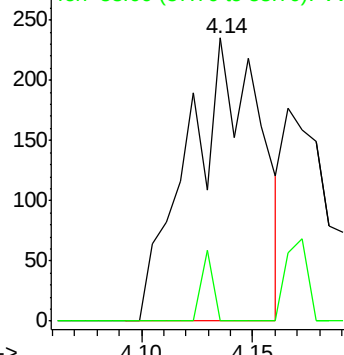
43 100

58 0.0 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.427 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003283.D

Acq: 15 Jun 2018 04:16

Tgt Ion: 84 Resp: 6883

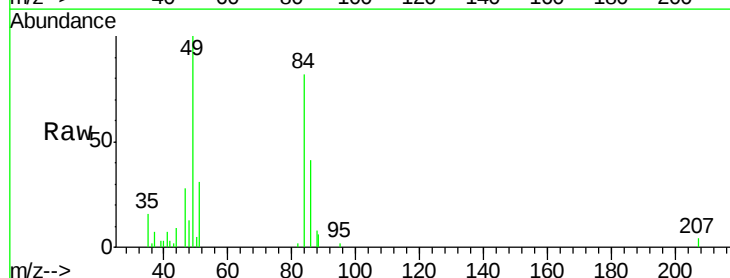
Ion Ratio Lower Upper

84 100

49 122.6 106.3 159.5

51 37.6 32.0 48.0

86 50.9 49.9 74.9

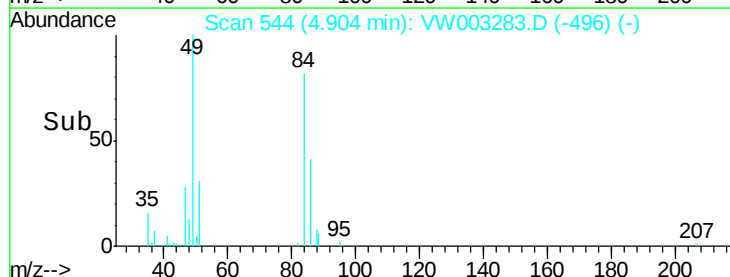
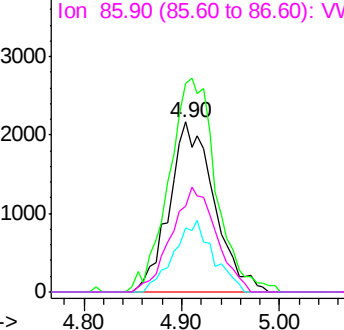


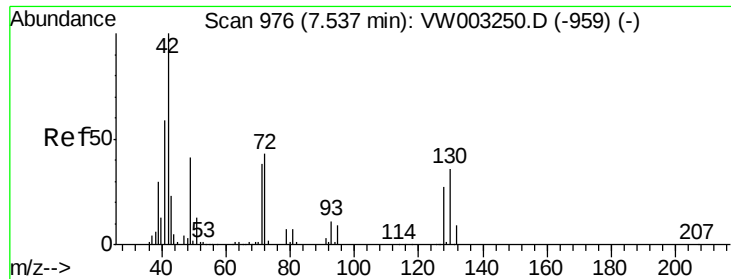
Abundance Ion 83.90 (83.60 to 84.60): VW

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

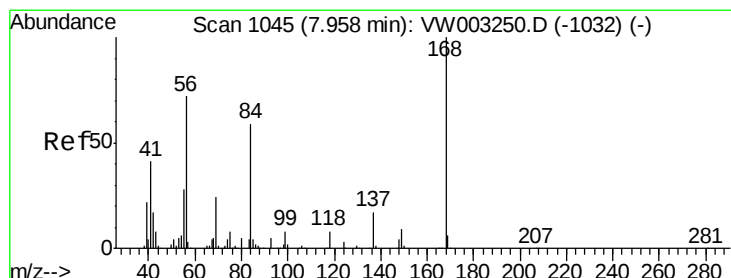
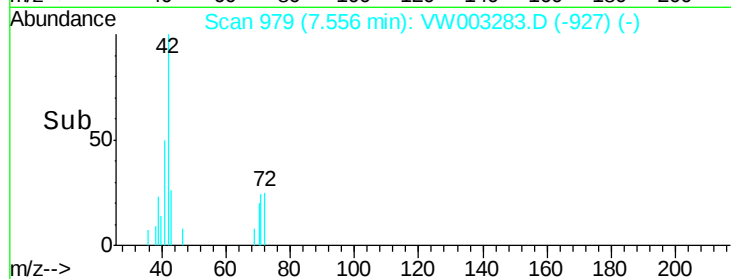
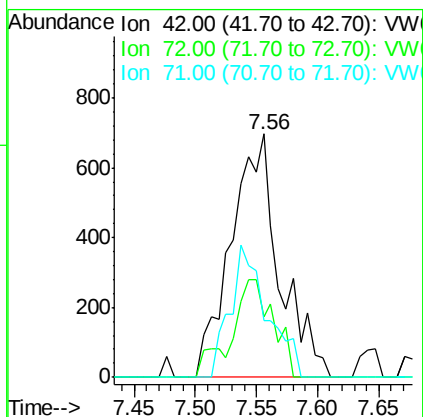
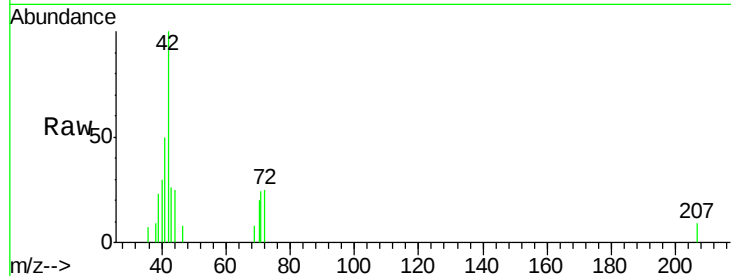




#29
Tetrahydrofuran
Concen: 7.777 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW003283.D
Acq: 15 Jun 2018 04:16

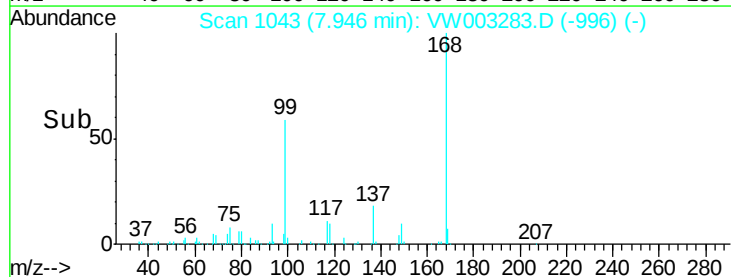
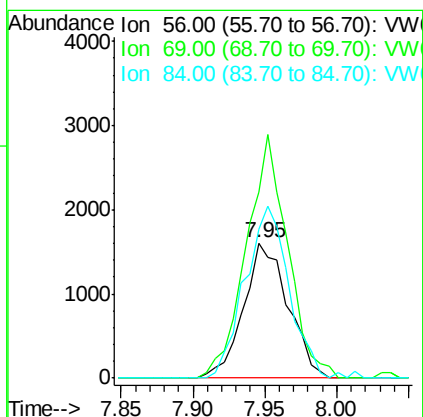
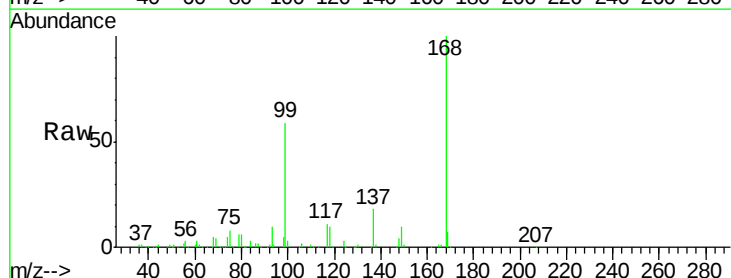
Instrument :
MSVOA_W
ClientSampleId :
#1

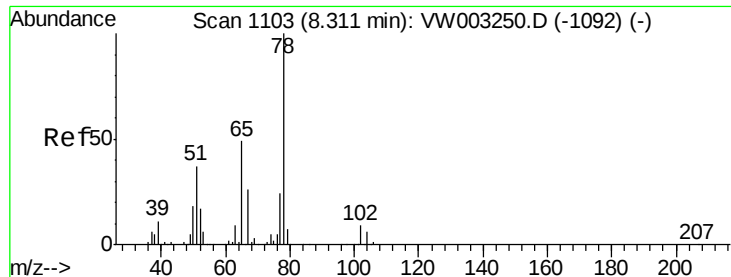
Tgt Ion: 42 Resp: 1918
Ion Ratio Lower Upper
42 100
72 28.7 32.4 48.6#
71 41.4 31.2 46.8



#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003283.D
Acq: 15 Jun 2018 04:16

Tgt Ion: 56 Resp: 3437
Ion Ratio Lower Upper
56 100
69 137.7 26.3 39.5#
84 110.0 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 48.349 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003283.D

Acq: 15 Jun 2018 04:16

Instrument :

MSVOA_W

ClientSampleId :

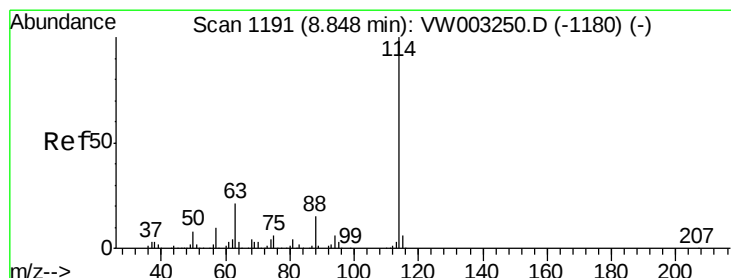
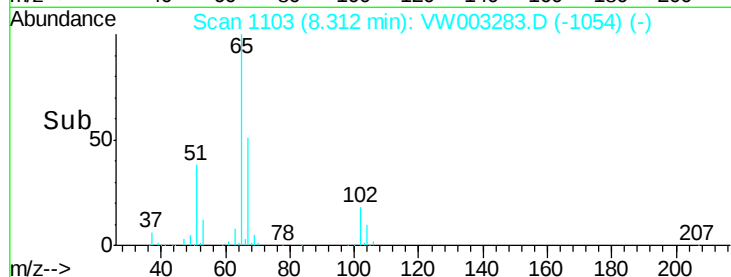
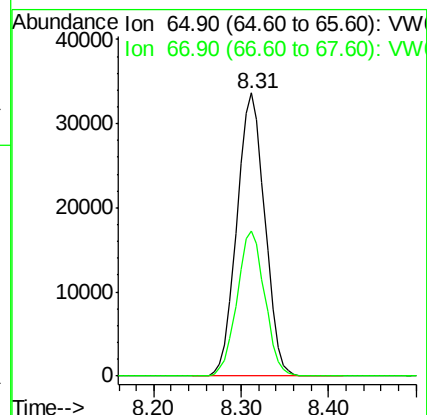
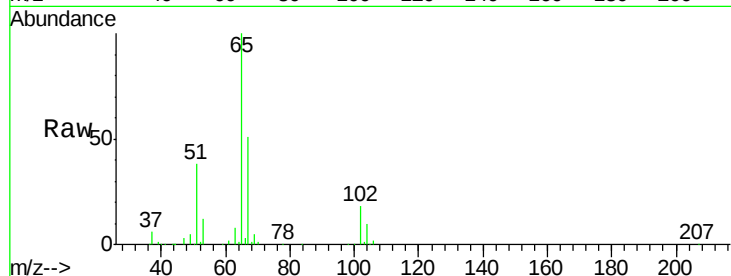
#1

Tgt Ion: 65 Resp: 74813

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003283.D

Acq: 15 Jun 2018 04:16

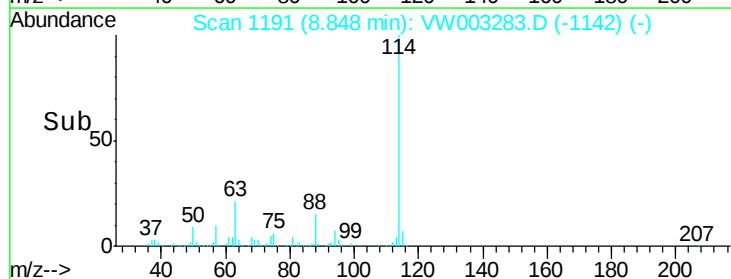
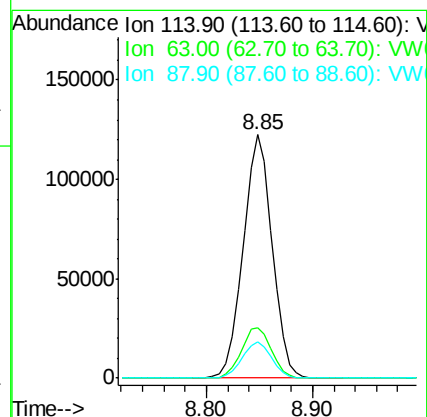
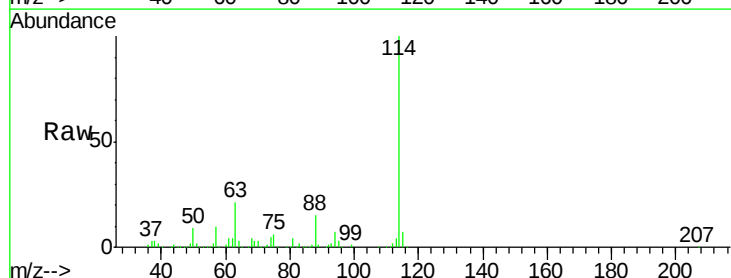
Tgt Ion: 114 Resp: 233619

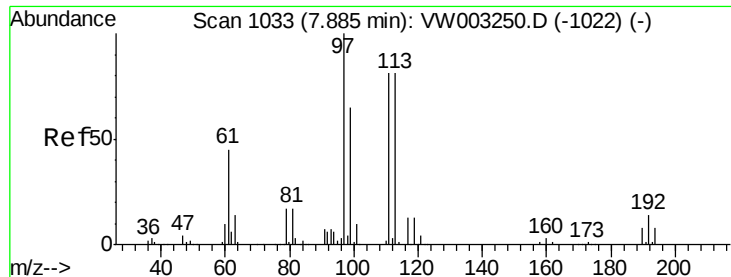
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.0

88 15.0 0.0 29.6

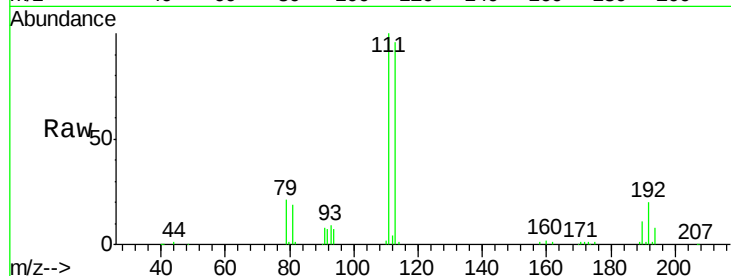




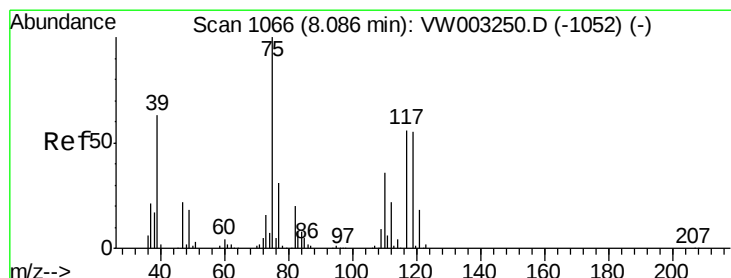
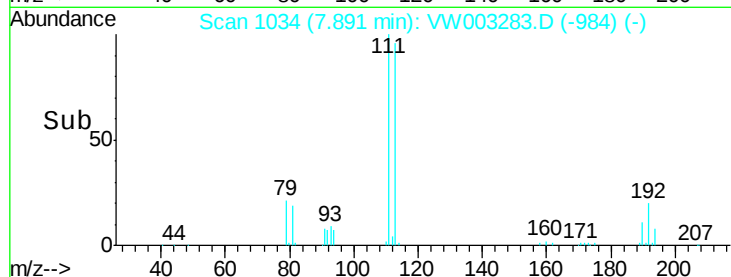
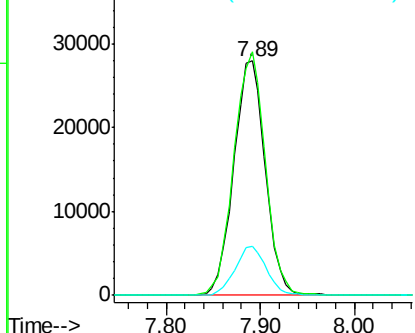
#35
 Dibromofluoromethane
 Concen: 44.813 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003283.D
 Acq: 15 Jun 2018 04:16

Instrument :
 MSVOA_W
 ClientSampleId :
 #1

Tgt Ion:113 Resp: 65053
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.2
 192 20.9 16.2 24.2

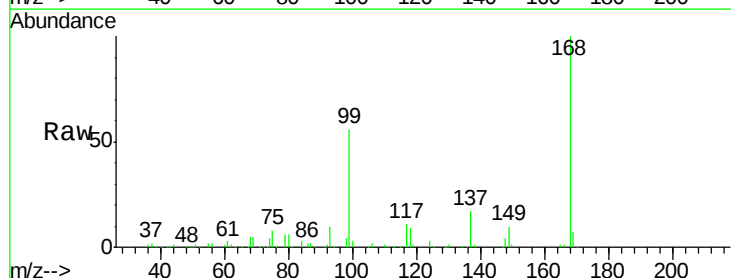


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

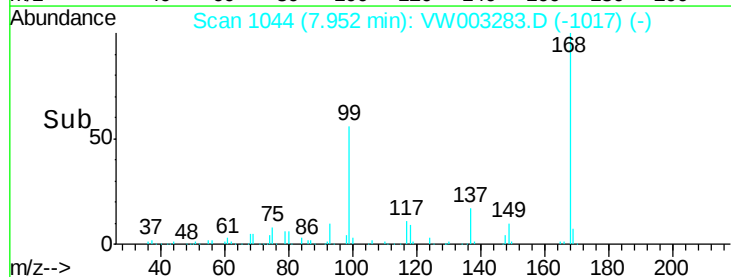
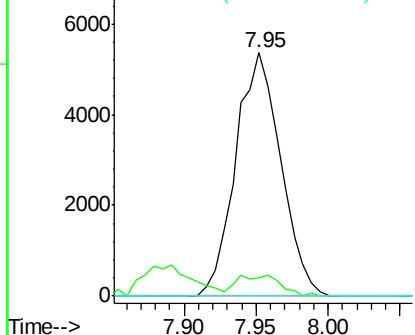


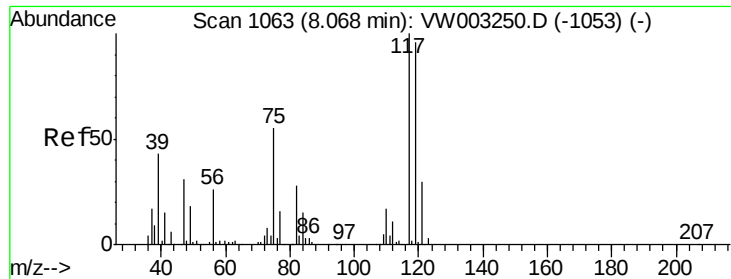
#36
 1,1-Dichloropropene
 Concen: 5.170 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003283.D
 Acq: 15 Jun 2018 04:16

Tgt Ion: 75 Resp: 11665
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.3#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

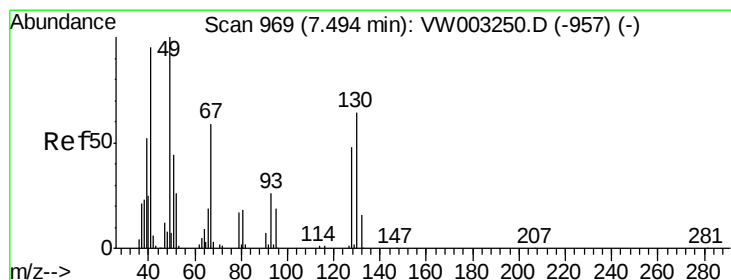
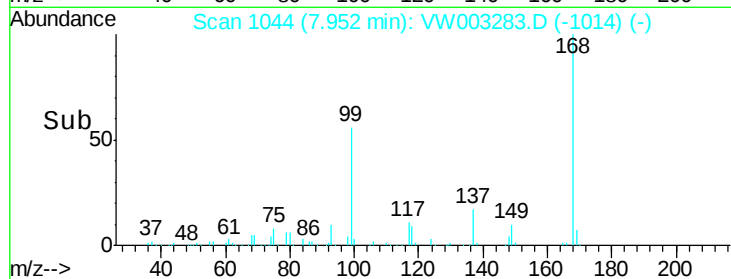
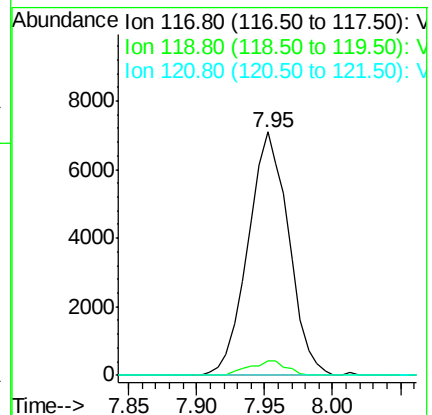
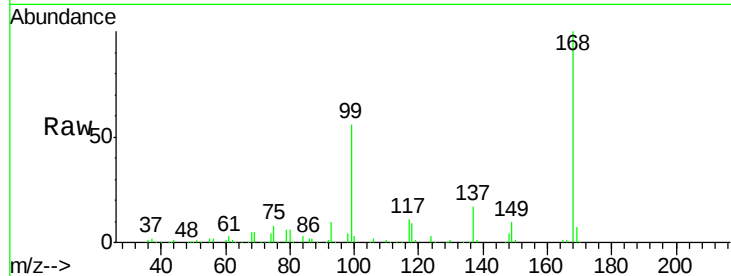




#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003283.D
Acq: 15 Jun 2018 04:16

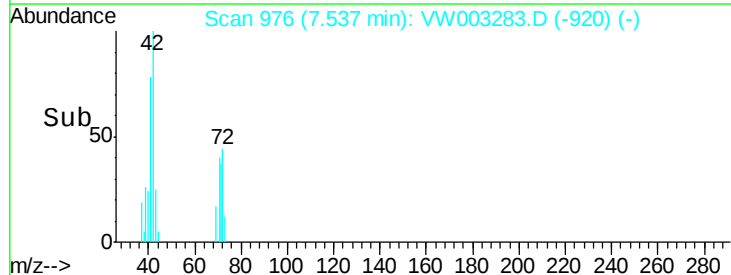
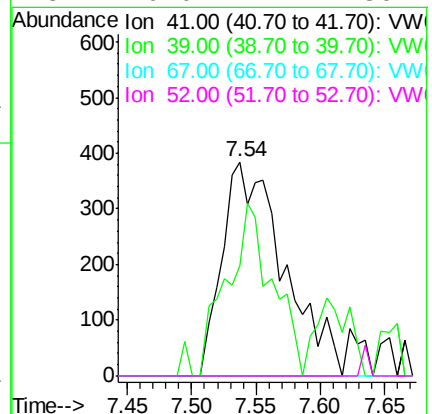
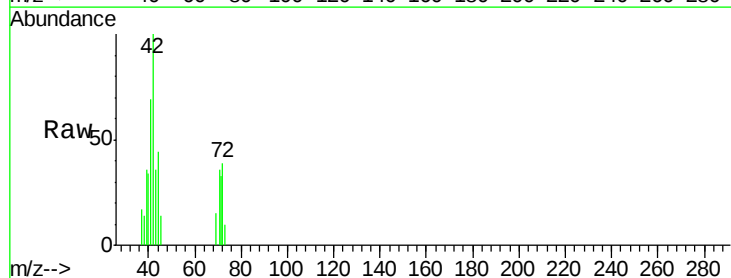
Instrument :
MSVOA_W
ClientSampleId :
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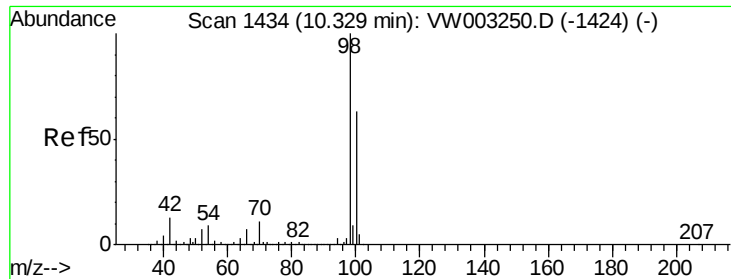
Tgt Ion: 117 Resp: 14839
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 2.225 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.04 min
Lab File: VW003283.D
Acq: 15 Jun 2018 04:16

Tgt Ion: 41 Resp: 1276
Ion Ratio Lower Upper
41 100
39 60.0 45.8 68.8
67 0.0 52.3 78.5#
52 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 29.691 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003283.D

Acq: 15 Jun 2018 04:16

Instrument :

MSVOA_W

ClientSampleId :

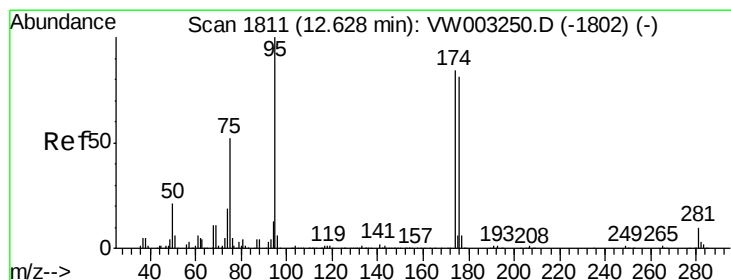
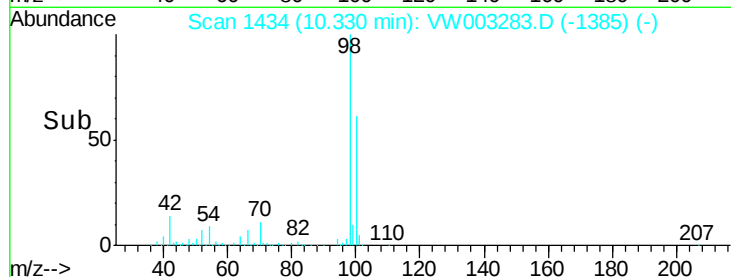
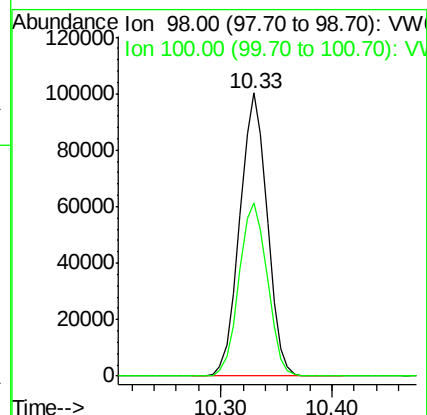
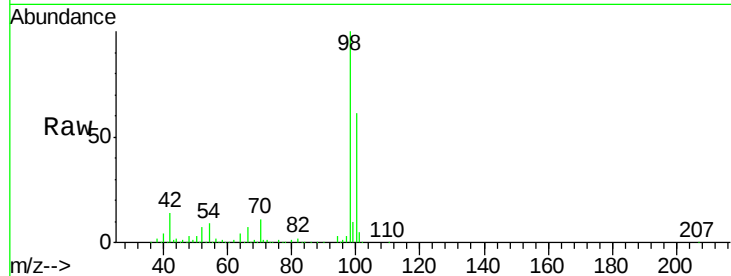
#1

Tgt Ion: 98 Resp: 170905

Ion Ratio Lower Upper

98 100

100 63.0 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 24.008 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003283.D

Acq: 15 Jun 2018 04:16

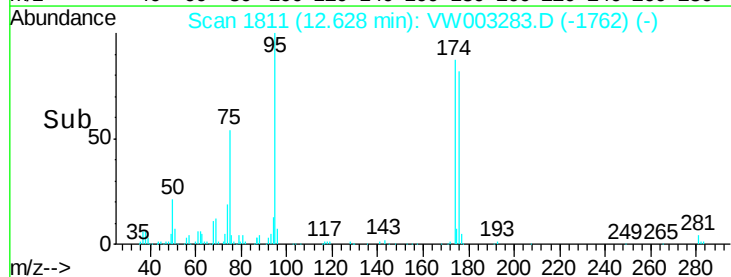
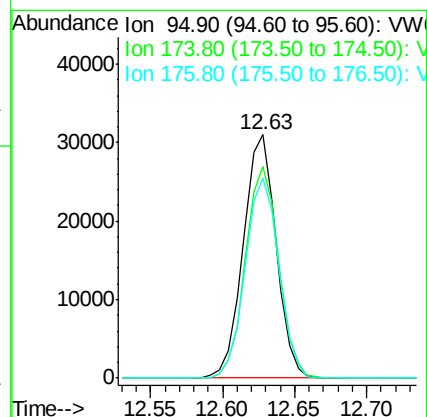
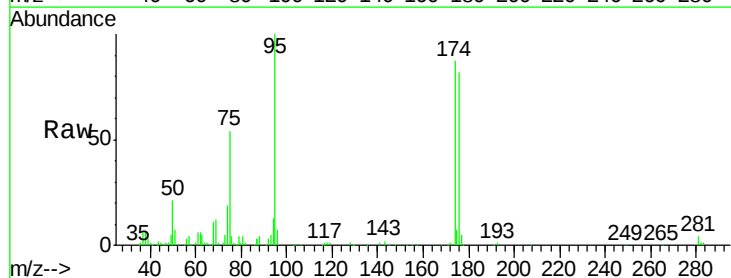
Tgt Ion: 95 Resp: 48905

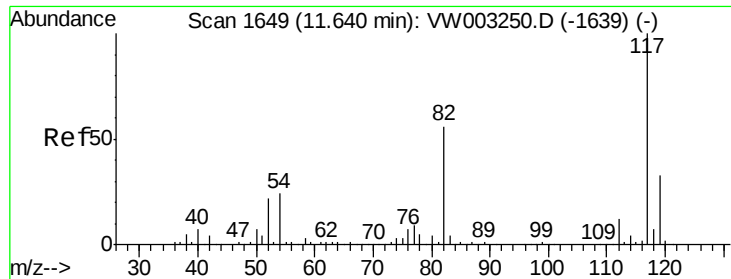
Ion Ratio Lower Upper

95 100

174 88.2 0.0 166.4

176 84.0 0.0 162.0

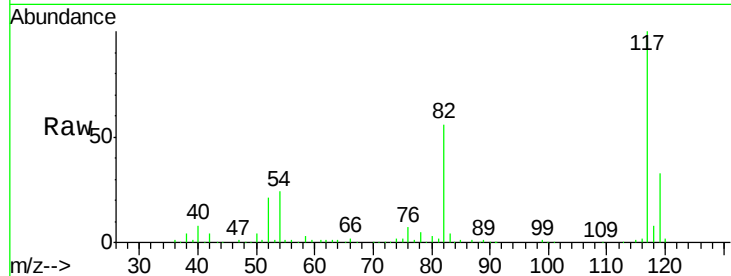




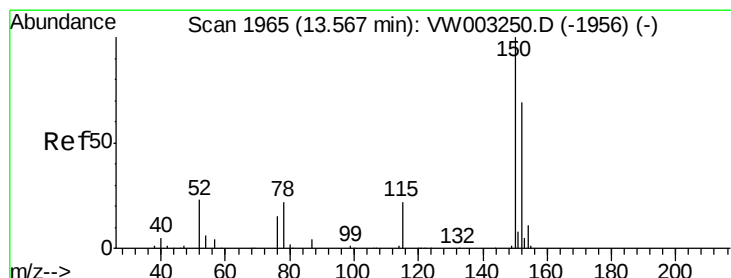
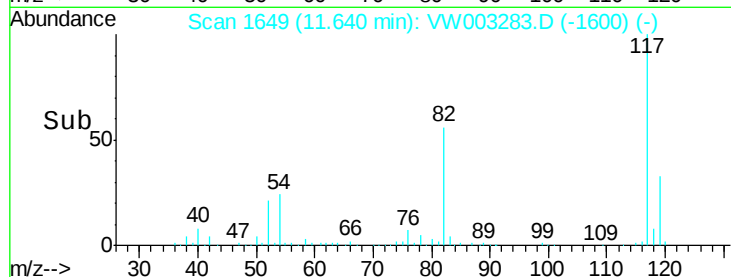
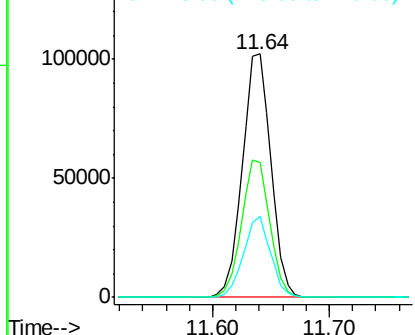
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003283.D
Acq: 15 Jun 2018 04:16

Instrument :
MSVOA_W
ClientSampleId :
#1

Tgt Ion:117 Resp: 174713
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 33.2 26.7 40.1

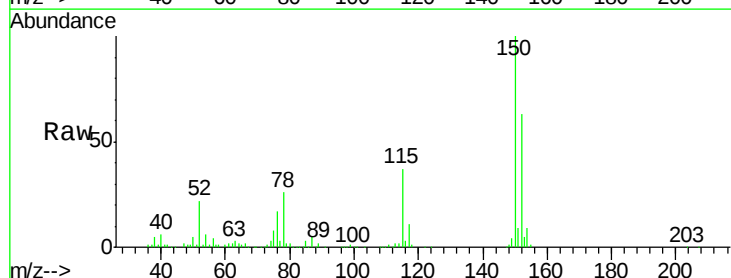


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

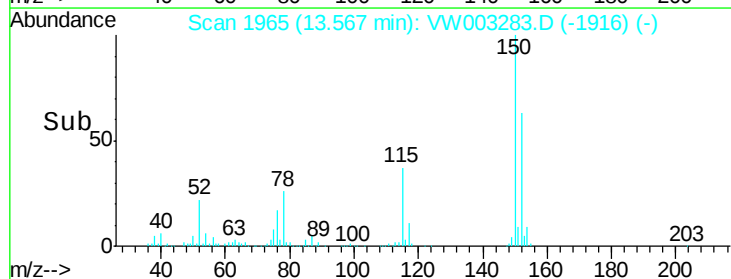
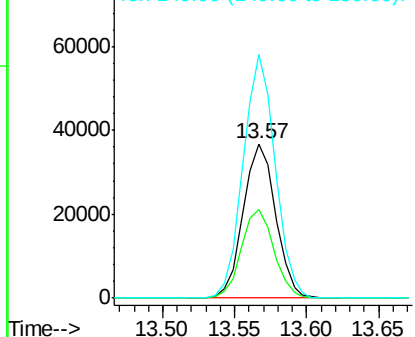


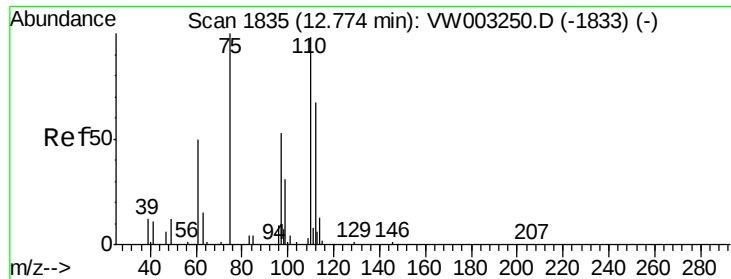
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003283.D
Acq: 15 Jun 2018 04:16

Tgt Ion:152 Resp: 57482
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 155.1 0.0 349.6



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

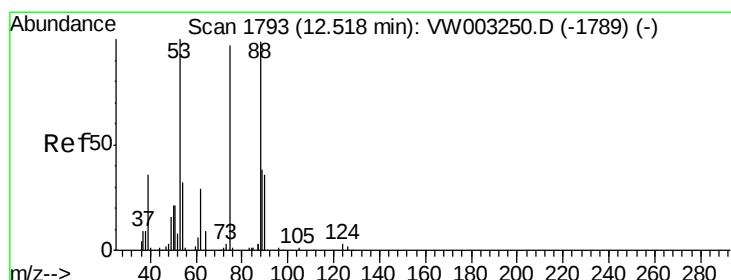
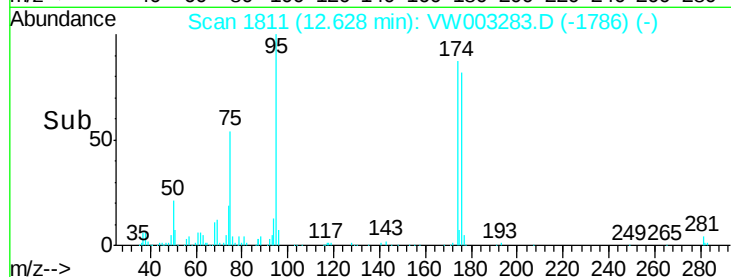
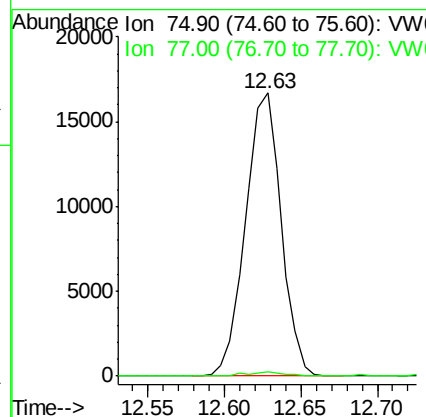
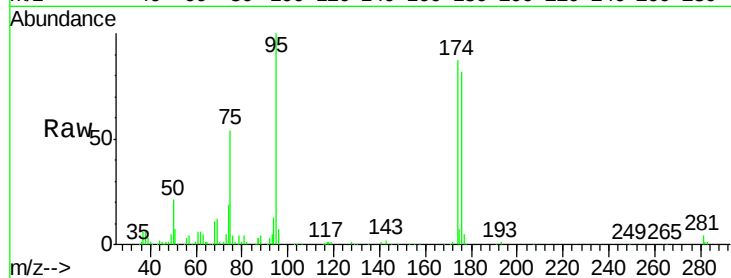




#76
 1,2,3-Trichloropropane
 Concen: 54.884 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW003283.D
 Acq: 15 Jun 2018 04:16

Instrument :
 MSVOA_W
 ClientSampleId :
 #1

Tgt Ion: 75 Resp: 26970
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.290 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003283.D
 Acq: 15 Jun 2018 04:16

Tgt Ion: 75 Resp: 26970
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.9 124.3#
 89 0.2 36.7 55.1#

