

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008675.D
 Acq On : 15 Feb 2019 10:54
 Operator : SY/VA
 Sample : VW0215SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 00:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	388153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	581529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	507413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245686	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	196817	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
35) Dibromofluoromethane	7.88	113	179586	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	10.32	98	694427	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	235803	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	

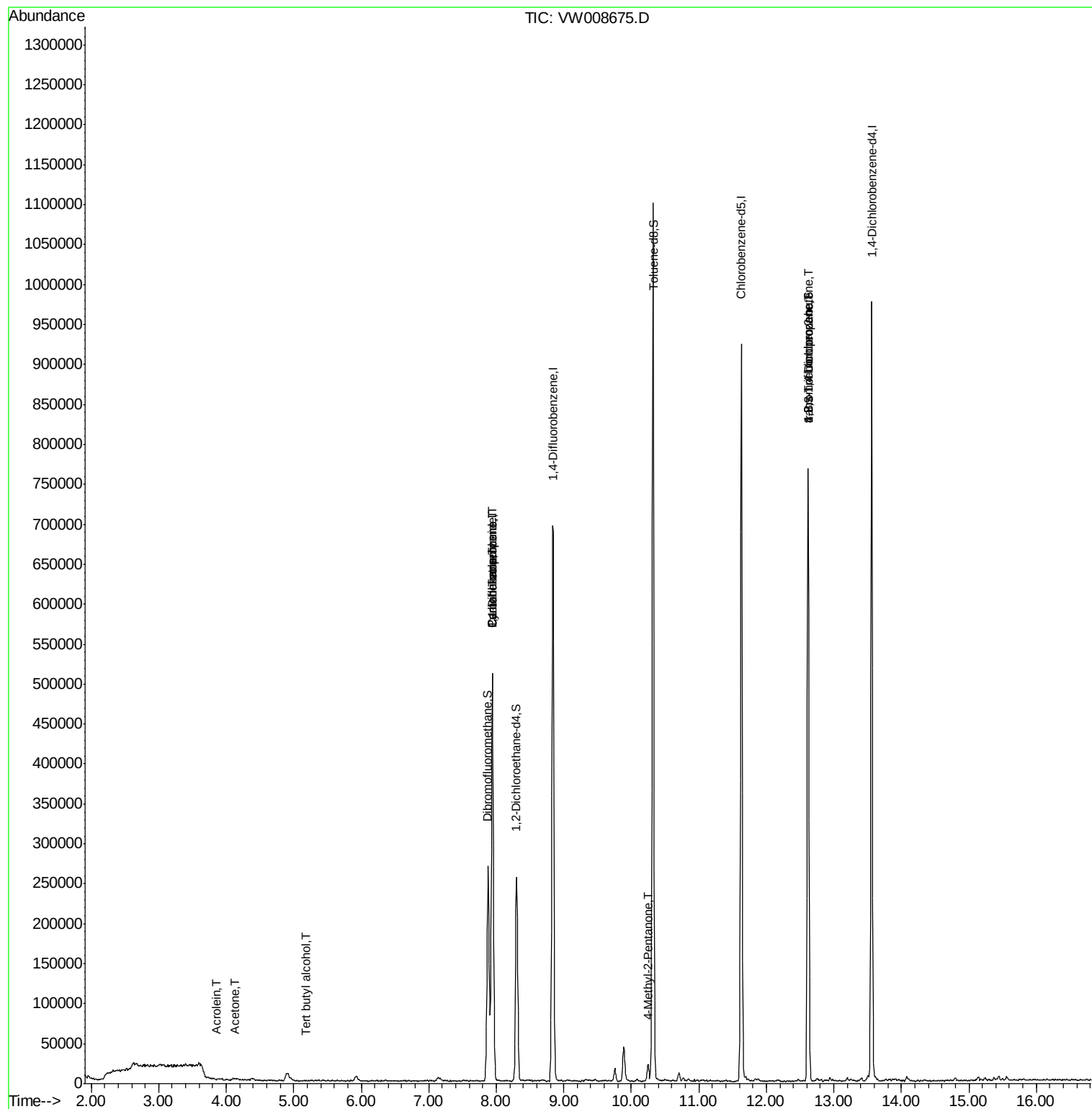
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	654	2.026	ug/l #	72
13) Acrolein	3.87	56	528	1.587	ug/l	93
16) Acetone	4.12	43	4789	5.215	ug/l	91
20) Methylene Chloride	4.91	84	6860	Below Cal	#	83
31) Cyclohexane	7.95	56	8922	1.209	ug/l #	13
36) 1,1-Dichloropropene	7.94	75	29028	4.968	ug/l #	50
38) Carbon Tetrachloride	7.95	117	37829	6.511	ug/l #	17
51) 4-Methyl-2-Pentanone	10.24	43	3977	1.378	ug/l #	78
76) 1,2,3-Trichloropropane	12.62	75	122989	50.696	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	122989	108.661	ug/l #	6

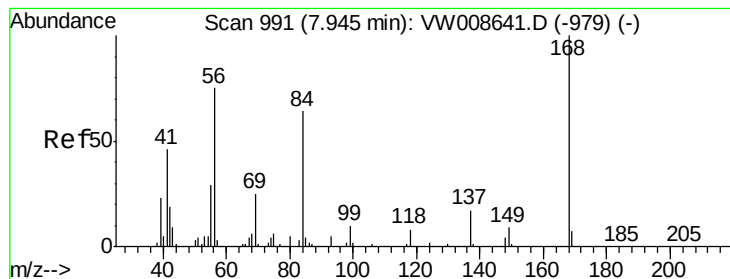
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008675.D
Acq On : 15 Feb 2019 10:54
Operator : SY/VA
Sample : VW0215SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 16 00:31:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008675.D

Acq: 15 Feb 2019 10:54

Instrument :

MSVOA_W

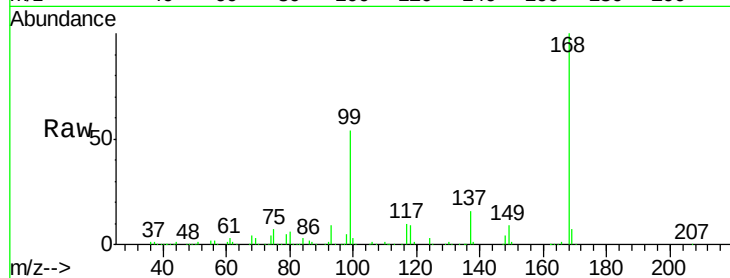
ClientSampled :

Tot Ion:168 Resp: 388153

Ion Ratio Lower Upper

168 100

99 54.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

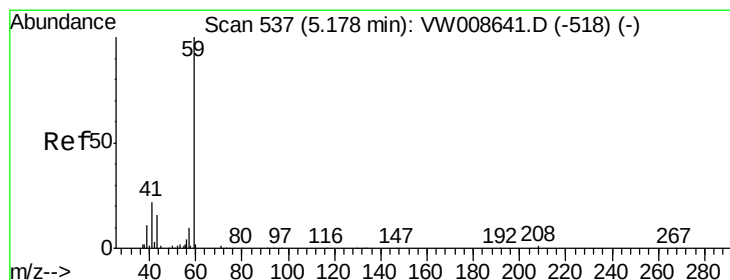
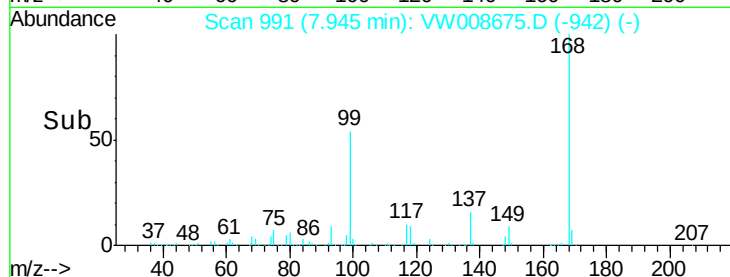
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.026 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW008675.D

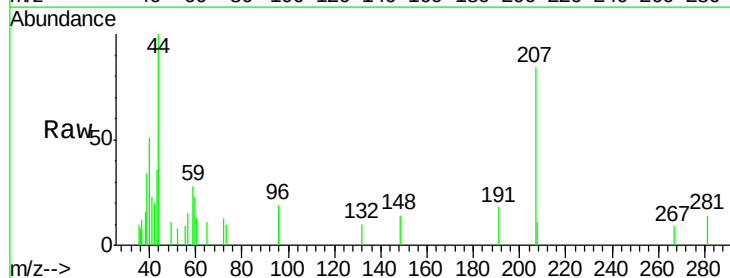
Acq: 15 Feb 2019 10:54

Tgt Ion: 59 Resp: 654

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

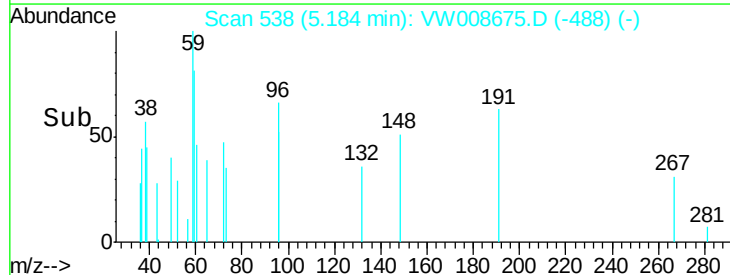
300

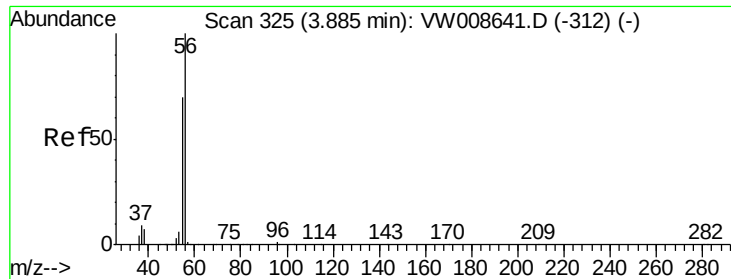
200

100

0

Time--> 5.15 5.20

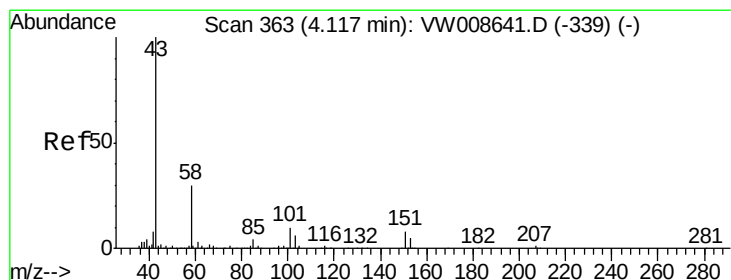
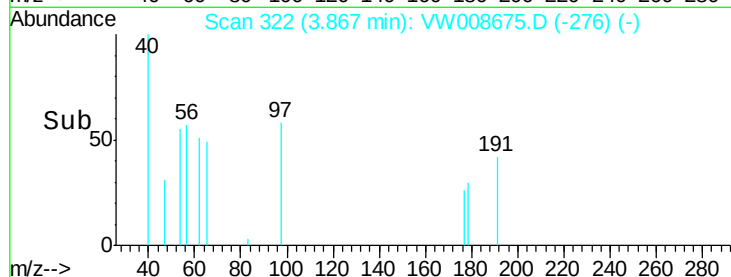
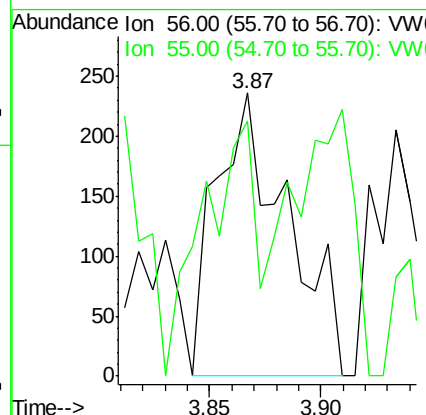
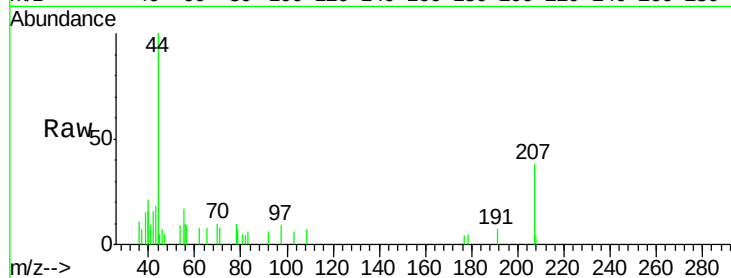




#13
Acrolein
Concen: 1.587 ug/l
RT: 3.87 min Scan# 322
Delta R.T. -0.02 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

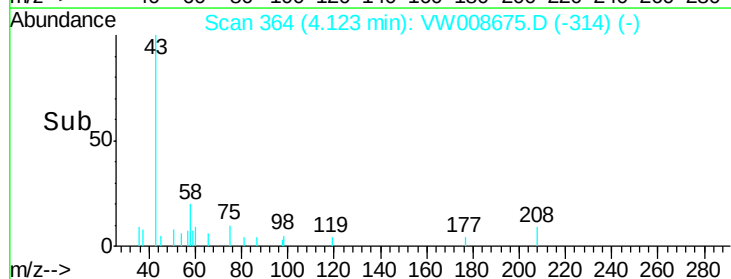
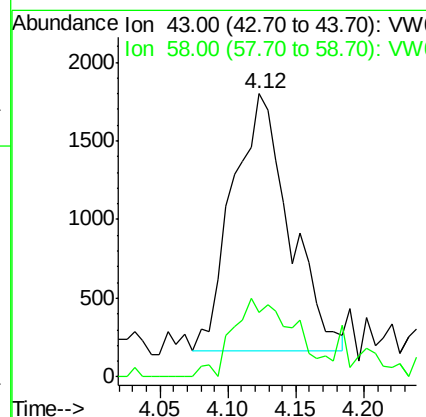
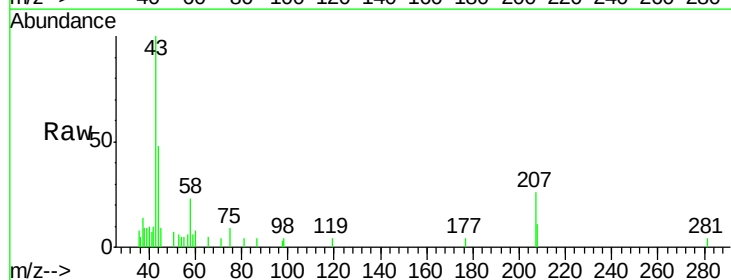
Instrument :
MSVOA_W
ClientSampled :

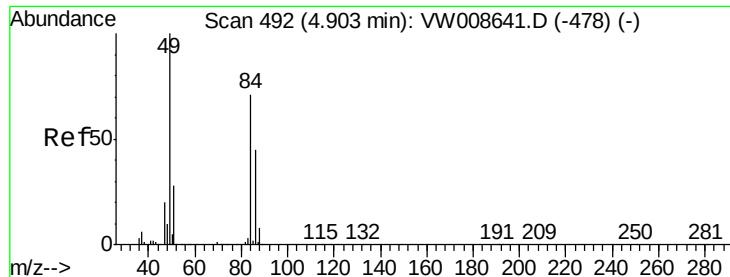
Tot Ion: 56 Resp: 528
Ion Ratio Lower Upper
56 100
55 65.9 57.4 86.2



#16
Acetone
Concen: 5.215 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

Tgt Ion: 43 Resp: 4789
Ion Ratio Lower Upper
43 100
58 25.2 24.1 36.1

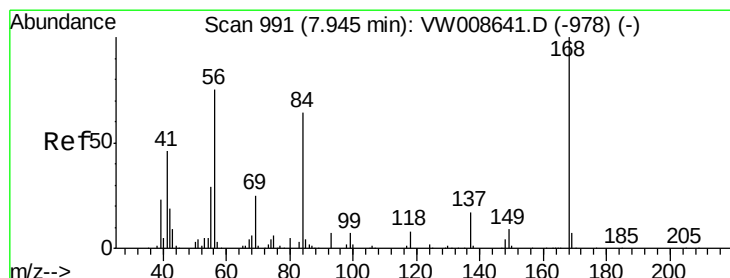
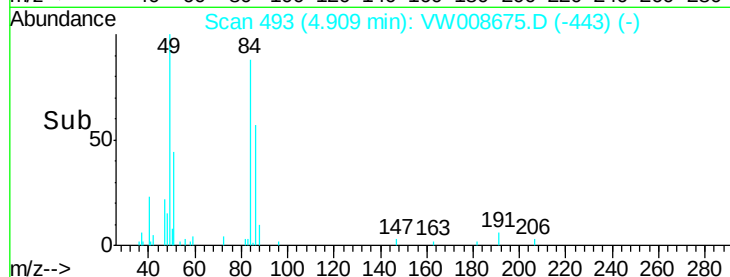
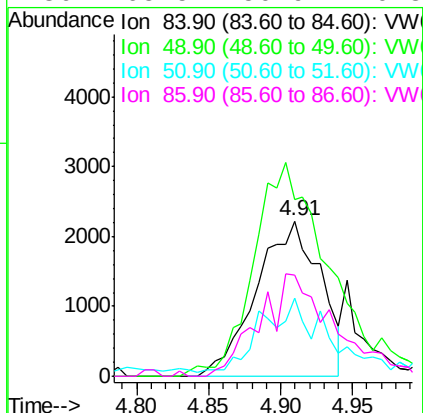
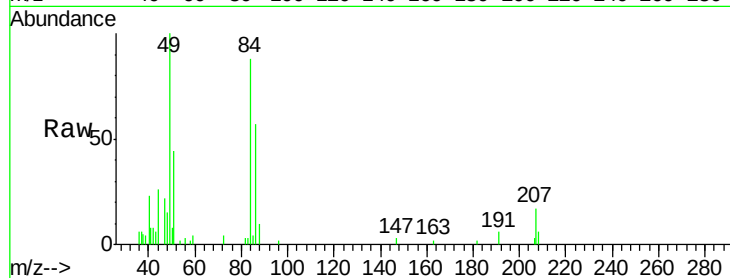




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

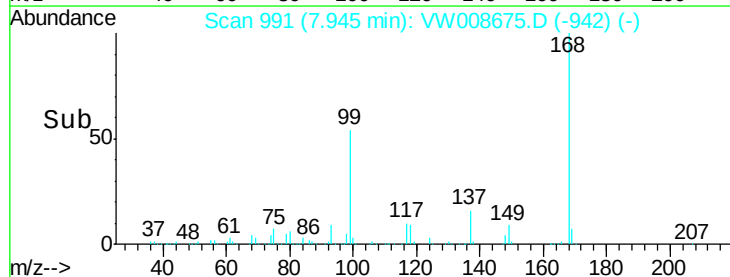
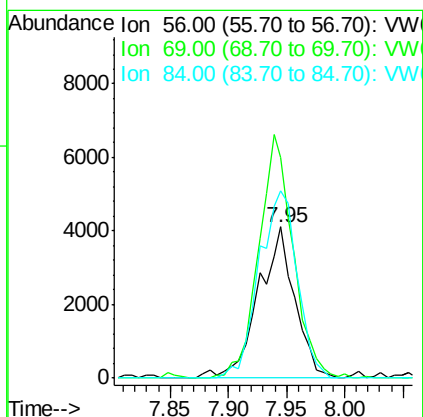
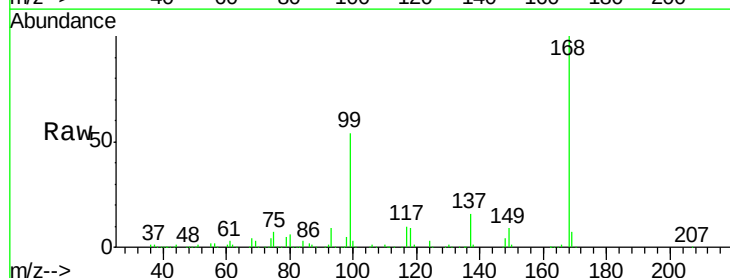
Instrument :
MSVOA_W
ClientSampleId :

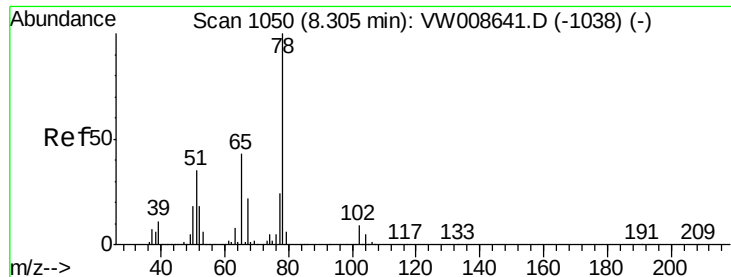
Tot Ion: 84 Resp: 6860
Ion Ratio Lower Upper
84 100
49 110.9 113.3 169.9#
51 46.0 32.1 48.1
86 65.5 50.9 76.3



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

Tgt Ion: 56 Resp: 8922
Ion Ratio Lower Upper
56 100
69 144.9 26.4 39.6#
84 124.2 67.4 101.2#

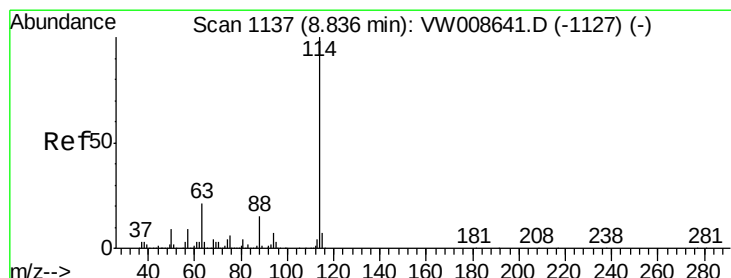
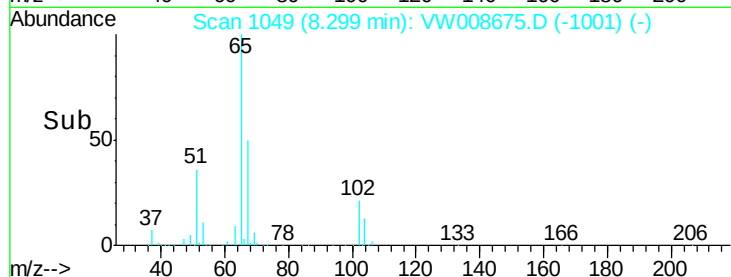
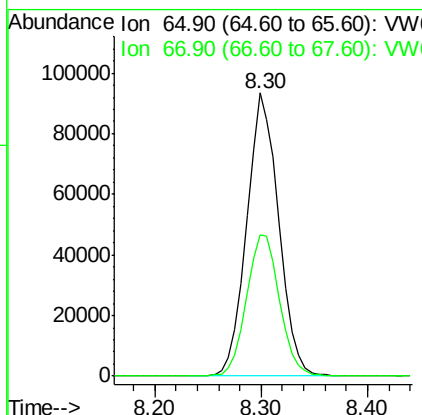
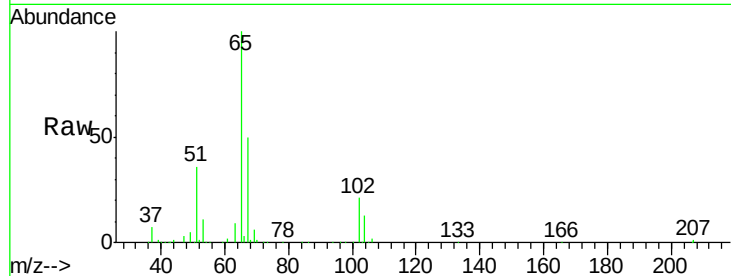




#33
 1,2-Dichloroethane-d4
 Concen: 48.773 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008675.D
 Acq: 15 Feb 2019 10:54

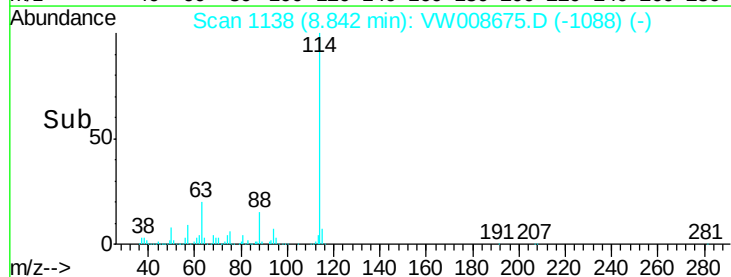
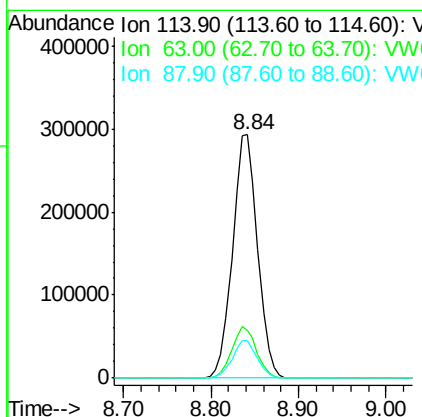
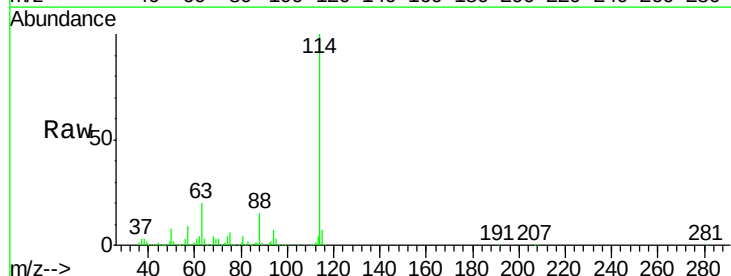
Instrument :
 MSVOA_W
 ClientSampled :

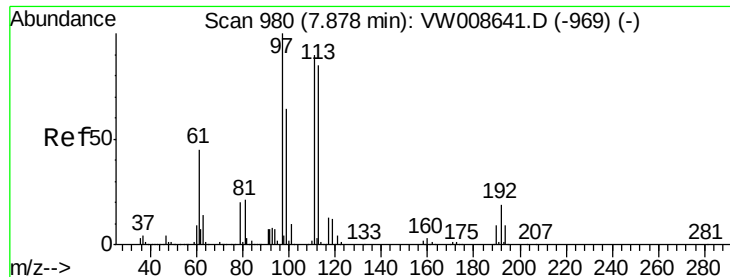
Tot Ion: 65 Resp: 196817
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008675.D
 Acq: 15 Feb 2019 10:54

Tgt Ion: 114 Resp: 581529
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.2
 88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.734 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008675.D

Acq: 15 Feb 2019 10:54

Instrument :
MSVOA_W
ClientSampled :

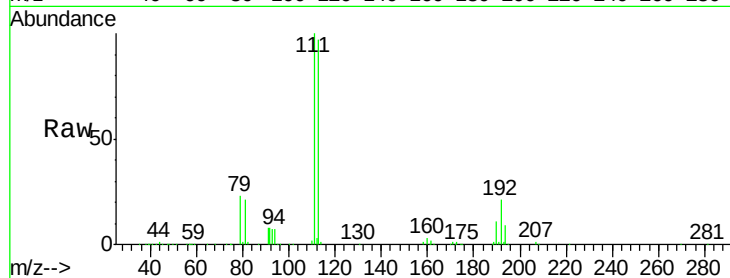
Tot Ion:113 Resp: 179586

Ion Ratio Lower Upper

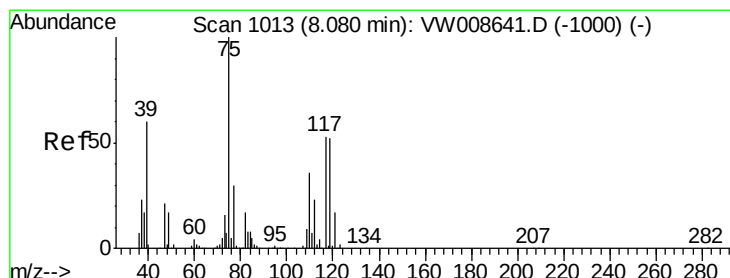
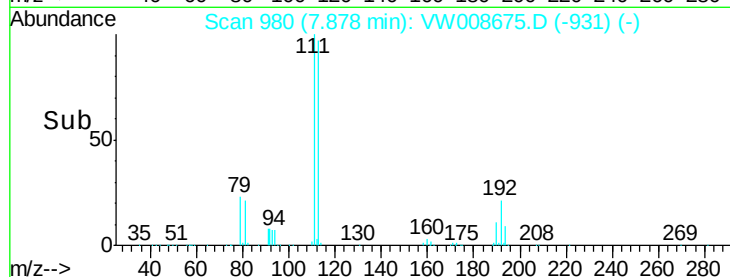
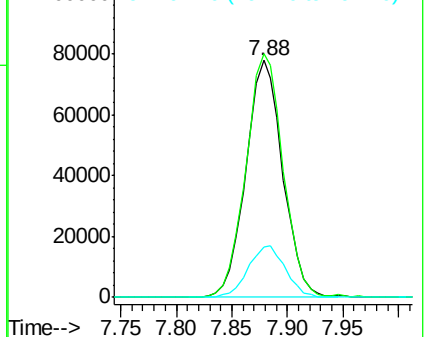
113 100

111 103.2 84.0 126.0

192 22.0 17.4 26.2



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: 4.968 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW008675.D

Acq: 15 Feb 2019 10:54

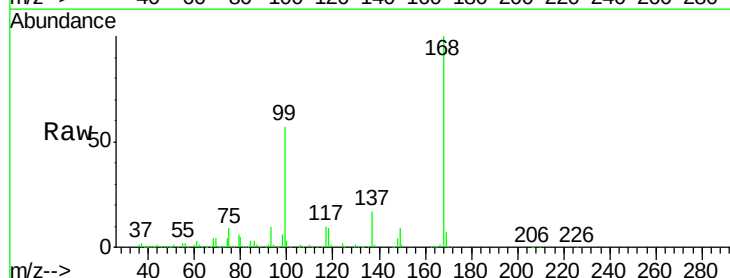
Tgt Ion: 75 Resp: 29028

Ion Ratio Lower Upper

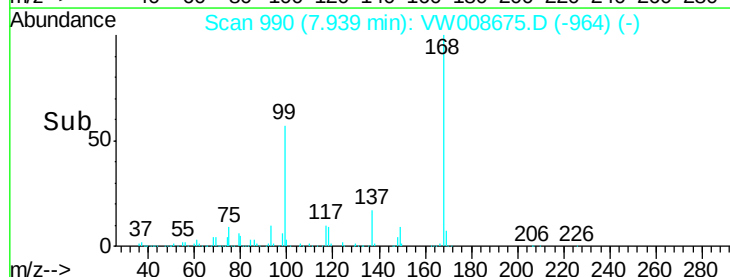
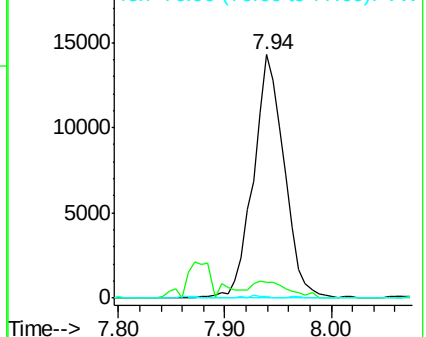
75 100

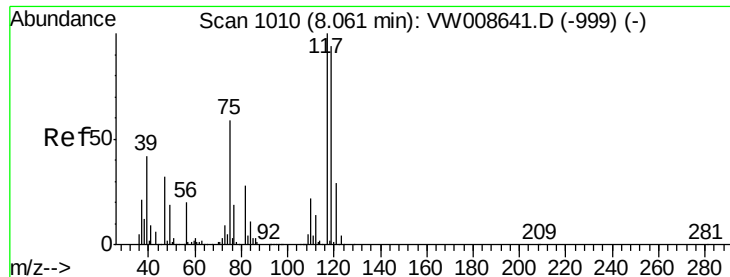
110 8.5 17.8 53.3#

77 0.7 24.7 37.1#



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

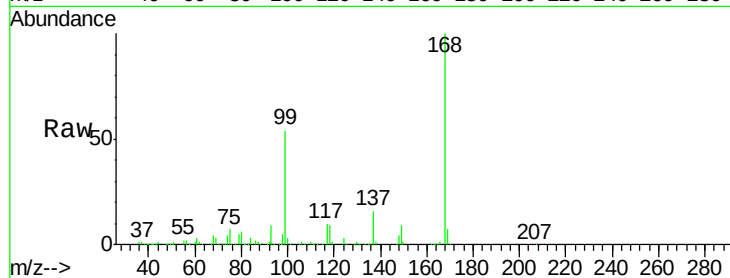




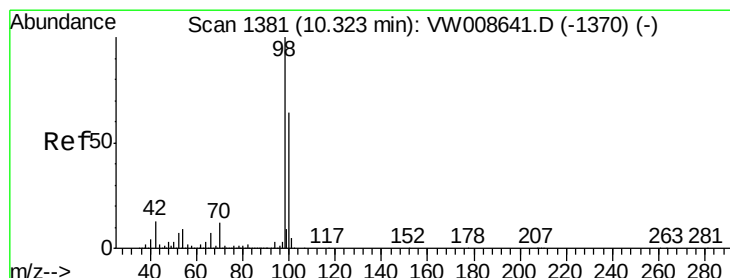
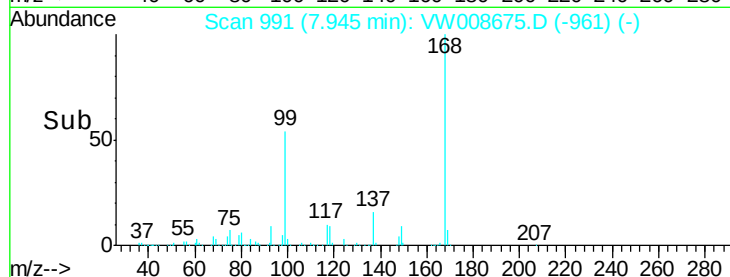
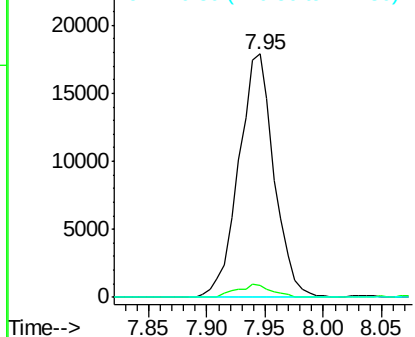
#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 37829
Ion Ratio Lower Upper
117 100
119 5.0 75.1 112.7#
121 0.0 23.5 35.3#

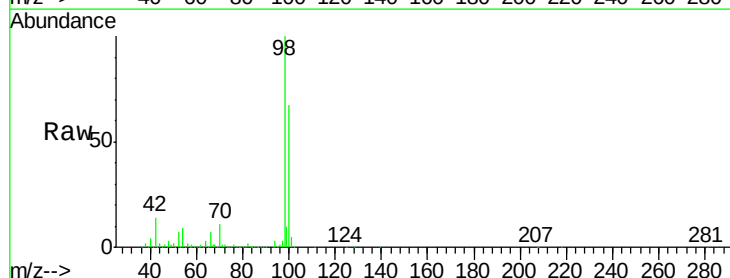


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

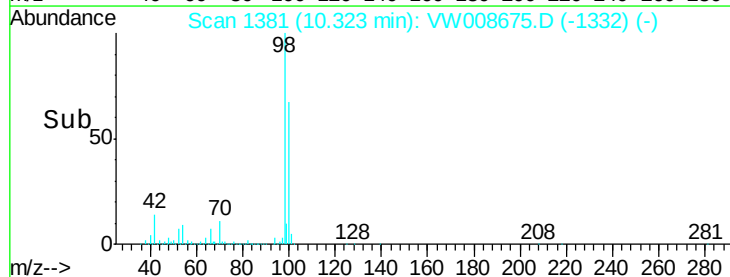
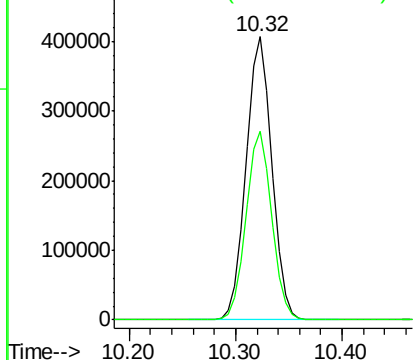


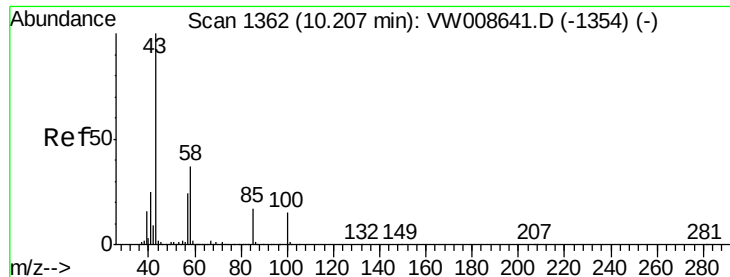
#50
Toluene-d8
Concen: 49.888 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

Tgt Ion: 98 Resp: 694427
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.378 ug/l

RT: 10.24 min Scan# 1368

Delta R.T. 0.04 min

Lab File: VW008675.D

Acq: 15 Feb 2019 10:54

Instrument :

MSVOA_W

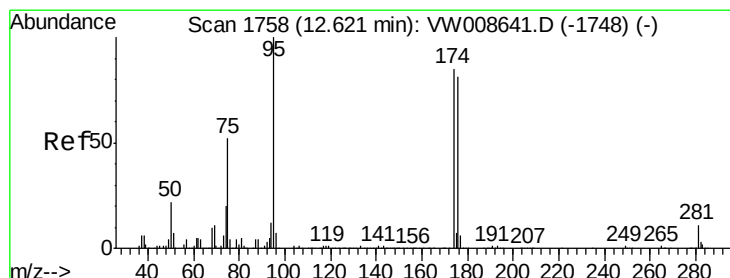
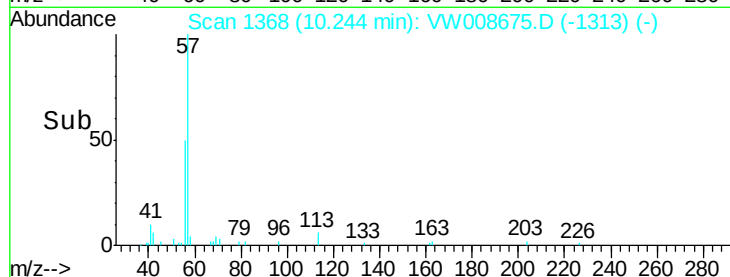
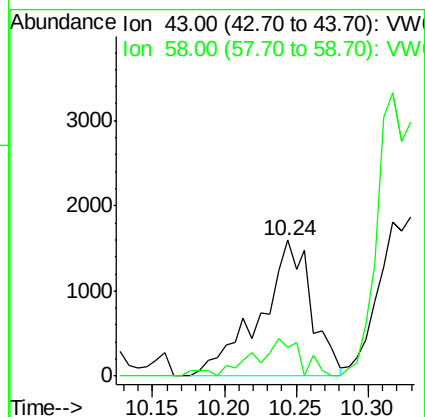
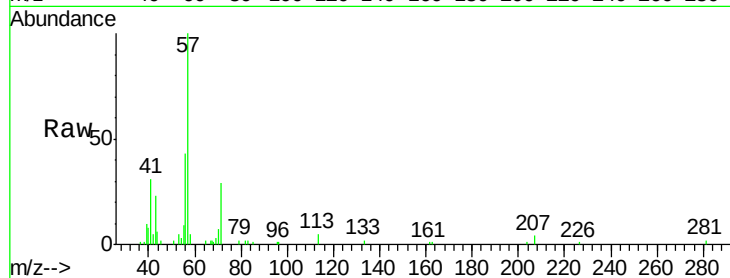
ClientSampled :

Tot Ion: 43 Resp: 3977

Ion Ratio Lower Upper

43 100

58 23.6 29.0 43.6#



#62

4-Bromofluorobenzene

Concen: 44.974 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008675.D

Acq: 15 Feb 2019 10:54

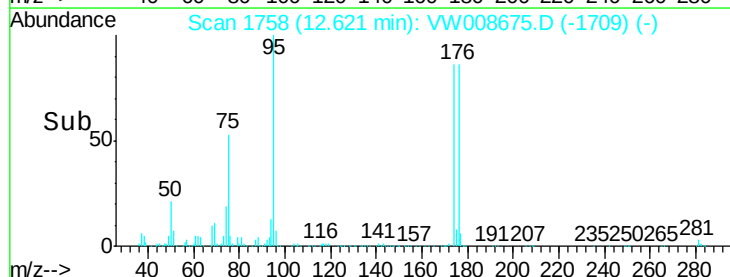
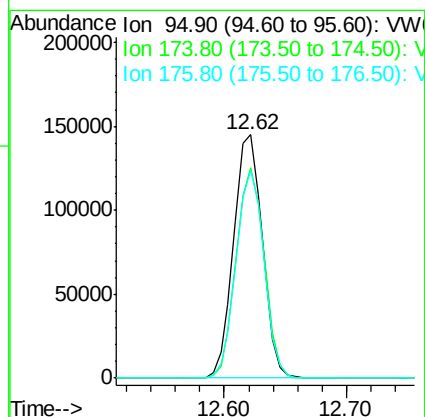
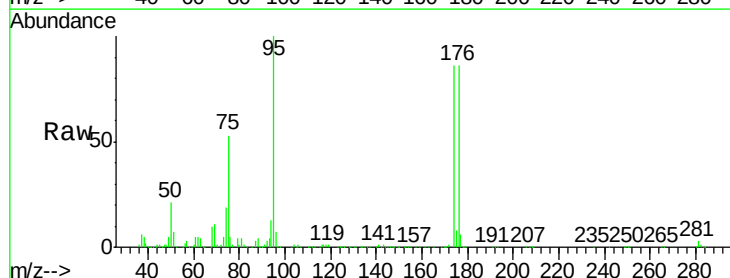
Tgt Ion: 95 Resp: 235803

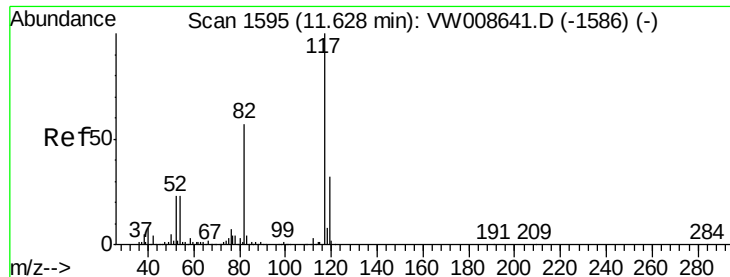
Ion Ratio Lower Upper

95 100

174 84.5 0.0 163.2

176 83.0 0.0 158.0

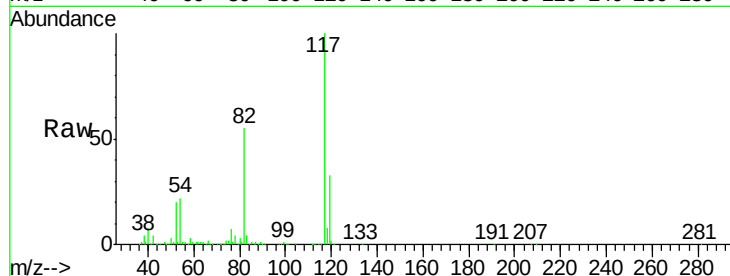




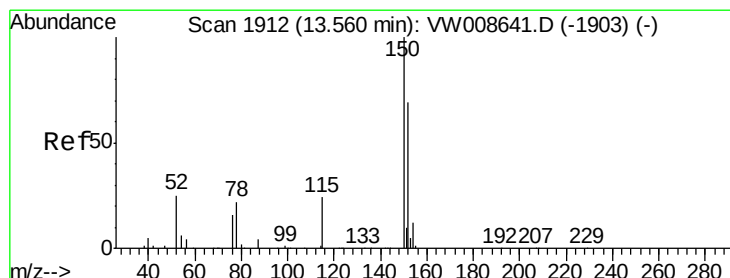
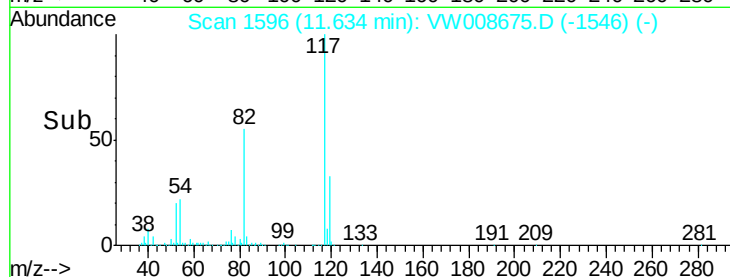
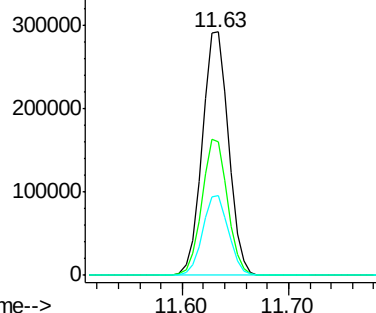
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 507413
Ion Ratio Lower Upper
117 100
82 55.1 45.6 68.4
119 32.9 25.7 38.5

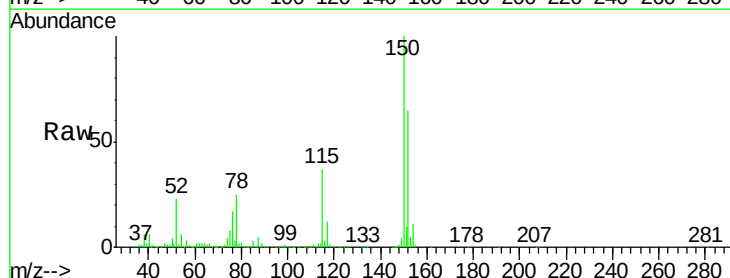


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

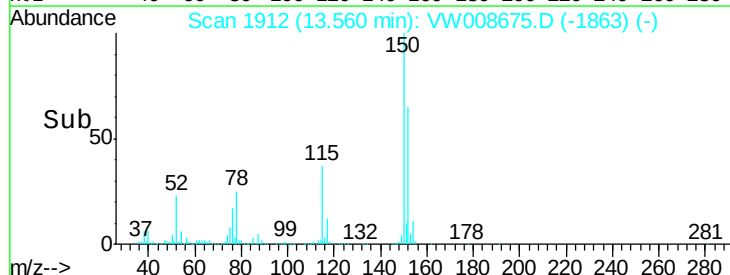
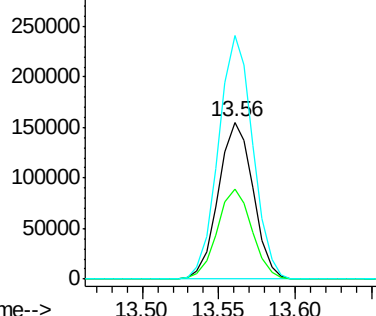


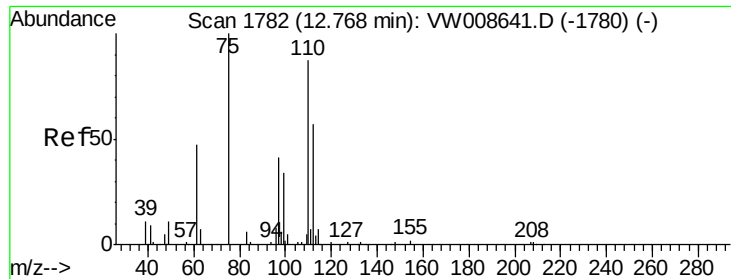
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008675.D
Acq: 15 Feb 2019 10:54

Tgt Ion:152 Resp: 245686
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 153.9 0.0 352.8



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: 50.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008675.D

Acq: 15 Feb 2019 10:54

Instrument :

MSVOA_W

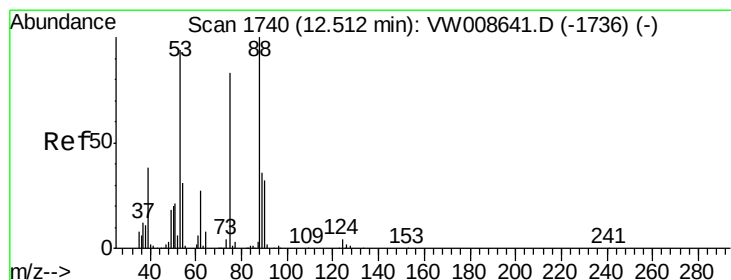
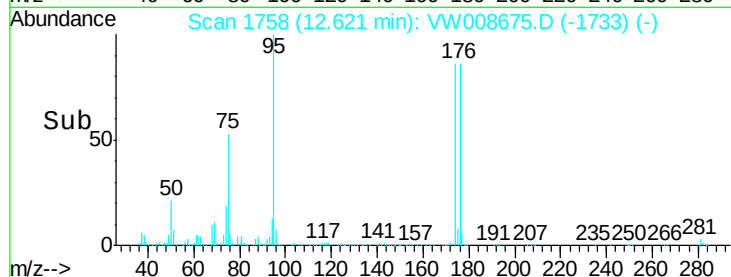
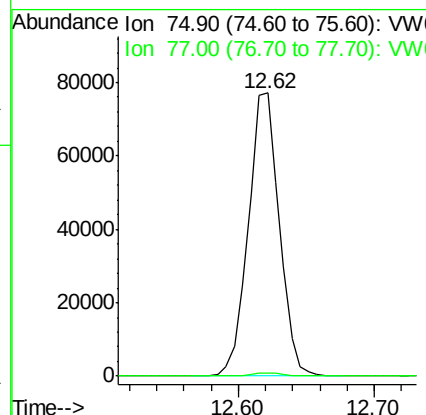
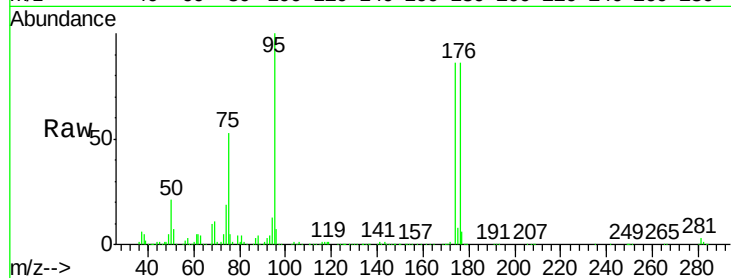
ClientSampleId :

Tot Ion: 75 Resp: 122989

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.661 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008675.D

Acq: 15 Feb 2019 10:54

Tgt Ion: 75 Resp: 122989

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.0#

89 0.2 37.0 55.4#

