

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007279.D
 Acq On : 06 Dec 2018 13:53
 Operator : SY/AP
 Sample : J6188-01RE
 Misc : 6.81G/5ML/MSVOA W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 14:36:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45747	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	38757	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	
35) Dibromofluoromethane	7.88	113	34567	39.04	ug/l	0.00
Spiked Amount			Recovery	=	78.08%	
50) Toluene-d8	10.33	98	133231	34.16	ug/l	0.00
Spiked Amount			Recovery	=	68.32%	
62) 4-Bromofluorobenzene	12.62	95	44579	30.28	ug/l	0.00
Spiked Amount			Recovery	=	60.56%	

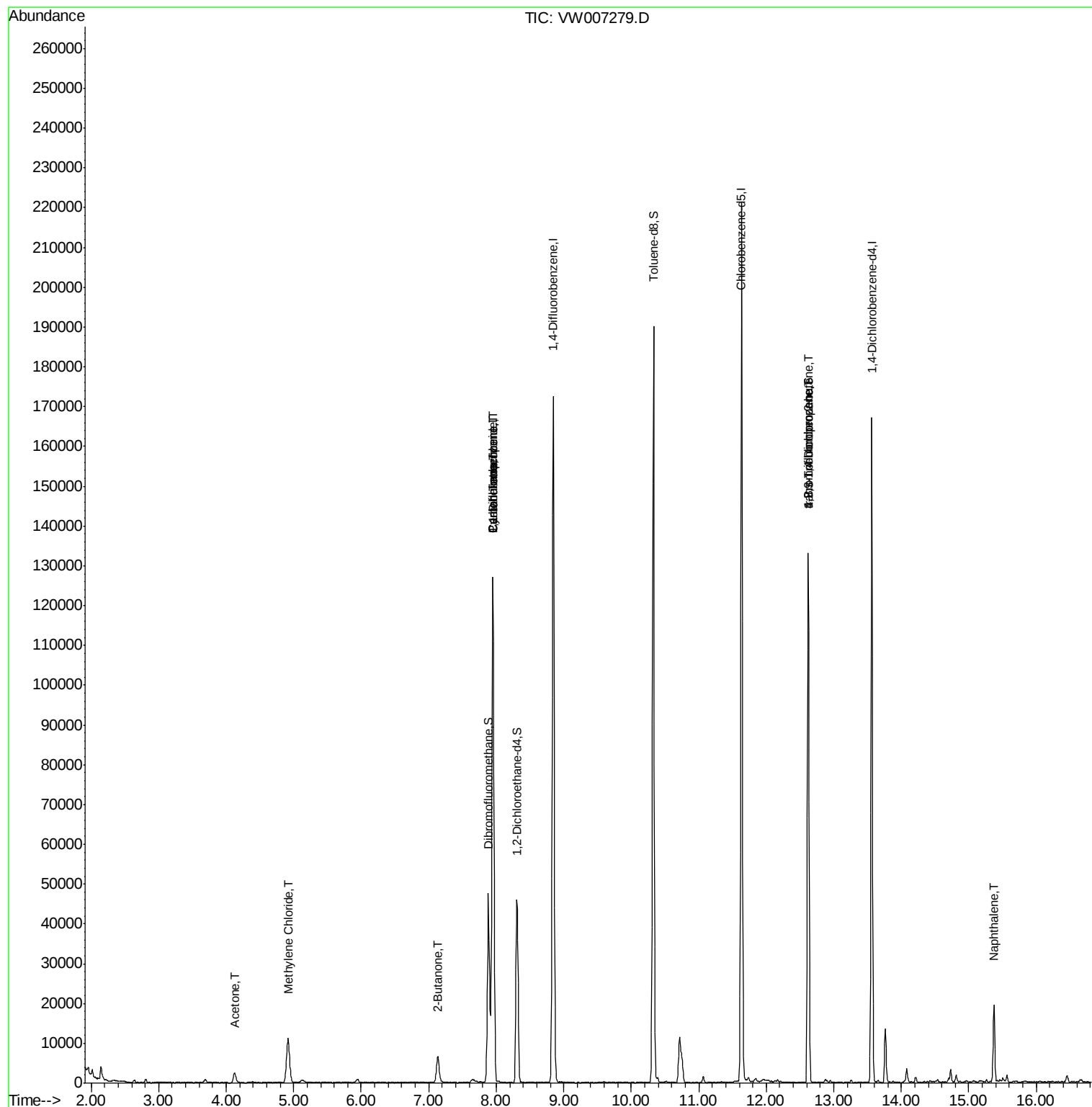
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	456	Below Cal	#	75
16) Acetone	4.12	43	4600	21.869	ug/l	95
20) Methylene Chloride	4.92	84	9077	3.744	ug/l	96
25) 2-Butanone	7.13	43	318	1.304	ug/l #	46
31) Cyclohexane	7.95	56	1859	1.054	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	7283	4.841	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10026	6.529	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	21868	61.735	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21868	133.061	ug/l #	13
95) Naphthalene	15.37	128	17747	10.011	ug/l	99

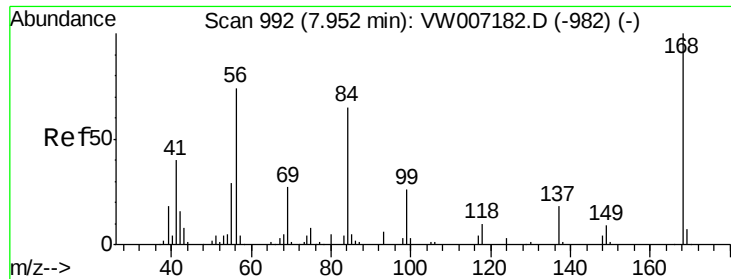
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
Data File : VW007279.D
Acq On : 06 Dec 2018 13:53
Operator : SY/AP
Sample : J6188-01RE
Misc : 6.81G/5ML/MSVOA W/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 06 14:36:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007279.D

Acq: 06 Dec 2018 13:53

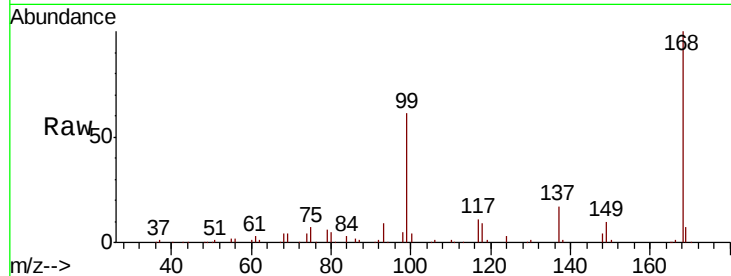
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 95432

Ion Ratio Lower Upper

168 100

99 61.3 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW007182.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VW007182.D (-982) (-)

7.95

40000

30000

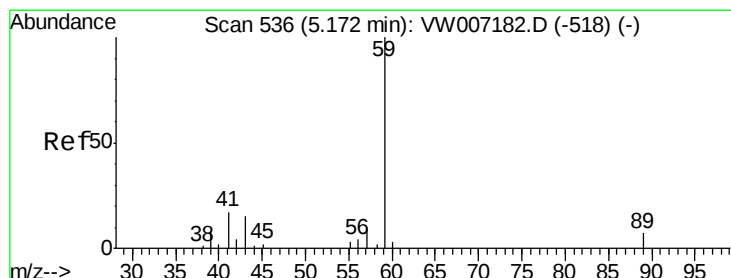
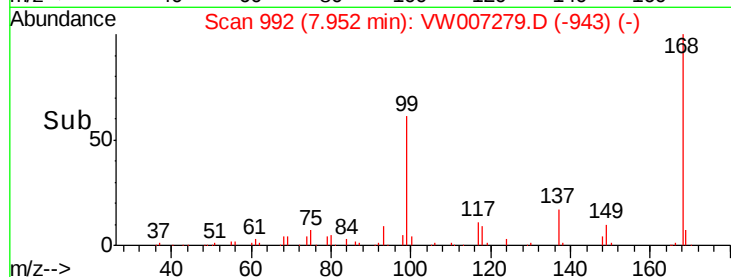
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW007279.D

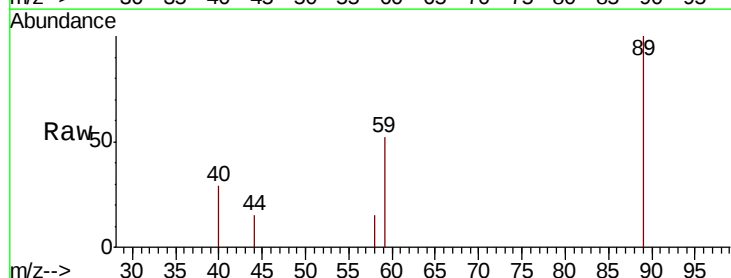
Acq: 06 Dec 2018 13:53

Tgt Ion: 59 Resp: 456

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW007182.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VW007182.D (-518) (-)

5.12

250

200

150

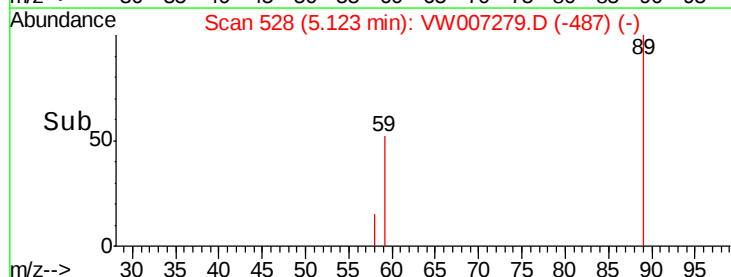
100

50

0

5.05 5.10 5.15

Time-->





#16

Acetone

Concen: 21.869 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007279.D

Acq: 06 Dec 2018 13:53

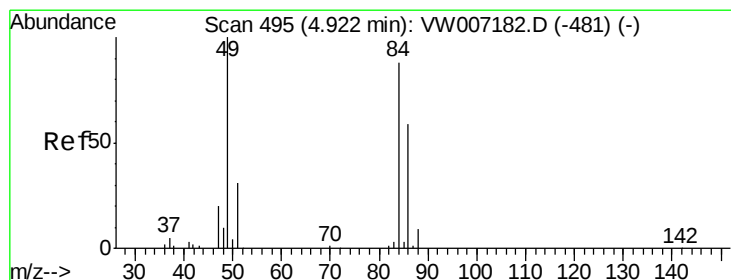
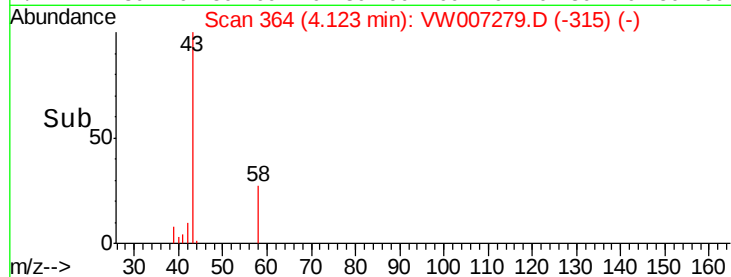
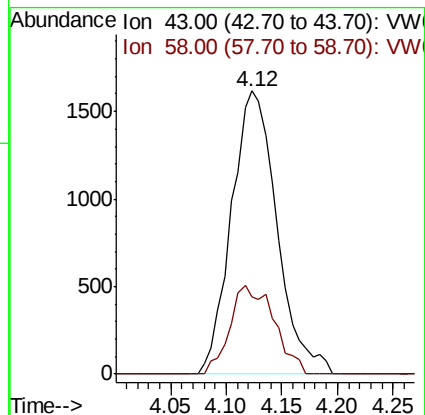
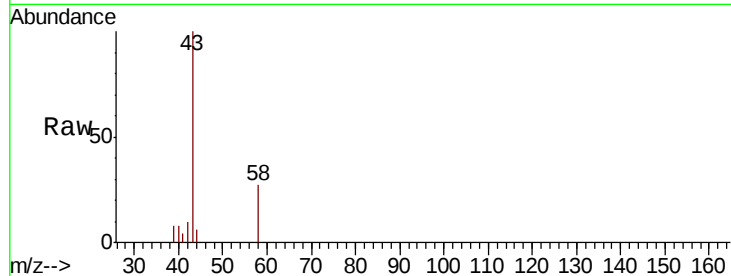
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 4600

Ion Ratio Lower Upper

43 100

58 27.4 23.8 35.8



#20

Methylene Chloride

Concen: 3.744 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007279.D

Acq: 06 Dec 2018 13:53

Tgt Ion: 84 Resp: 9077

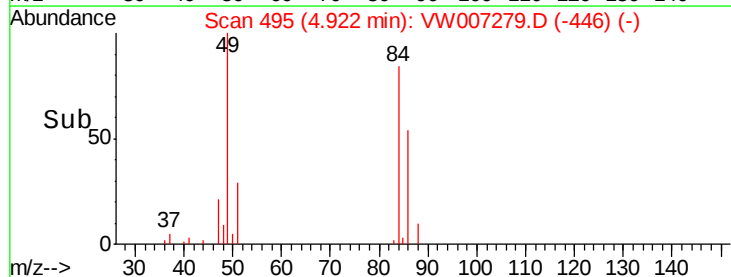
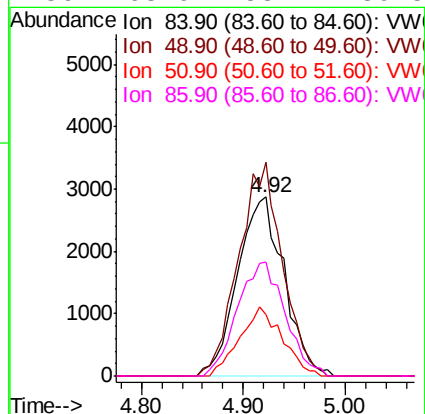
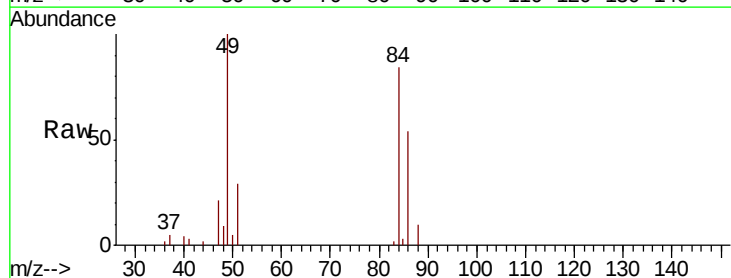
Ion Ratio Lower Upper

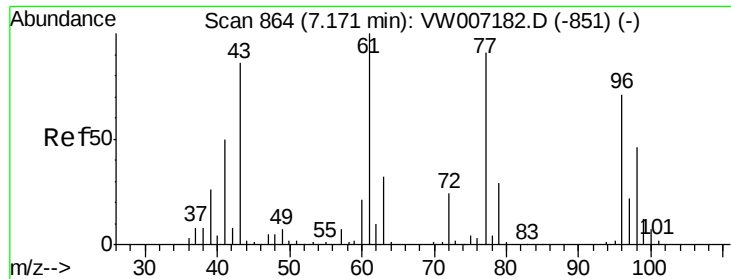
84 100

49 119.4 90.6 135.8

51 34.4 27.6 41.4

86 63.9 53.7 80.5

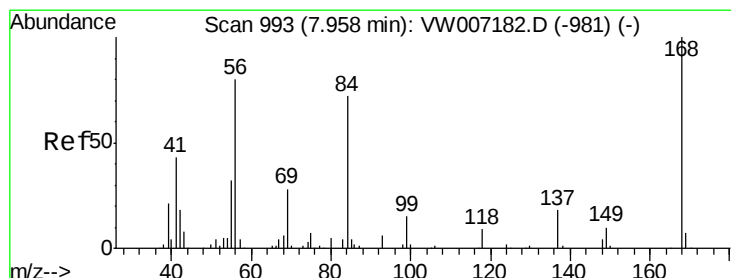
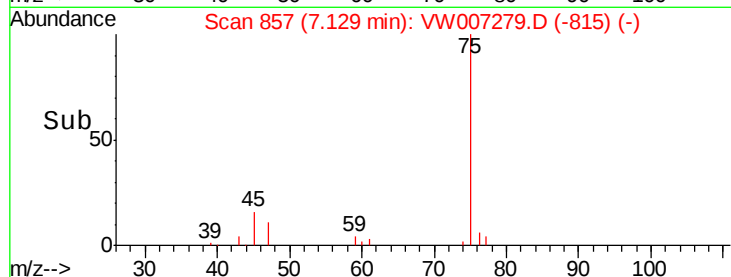
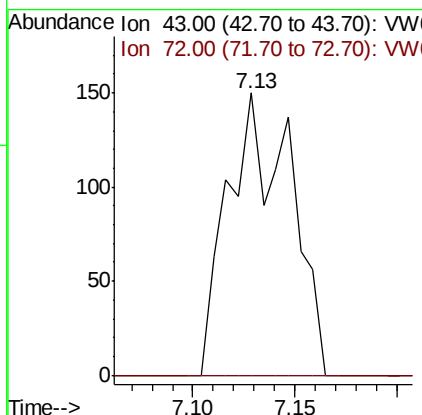
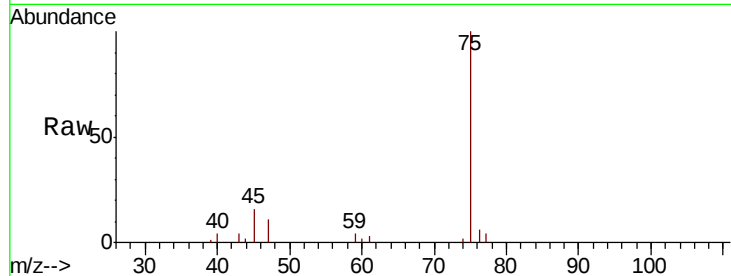




#25
 2-Butanone
 Concen: 1.304 ug/l
 RT: 7.13 min Scan# 857
 Delta R.T. -0.04 min
 Lab File: VW007279.D
 Acq: 06 Dec 2018 13:53

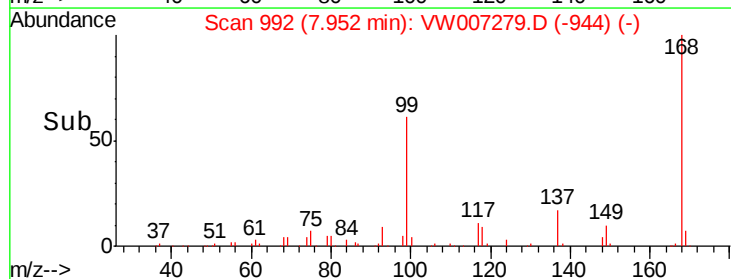
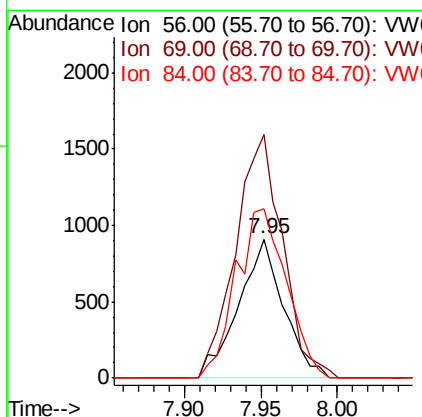
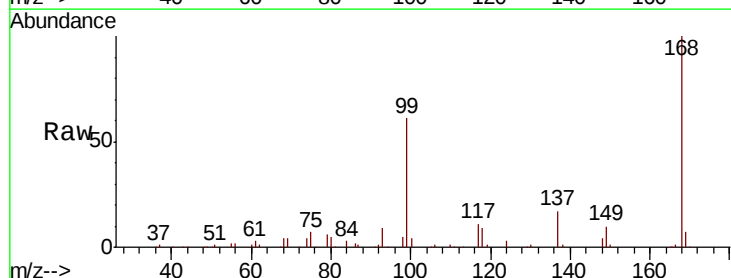
Instrument :
 MSVOA_W
 ClientSampleId :

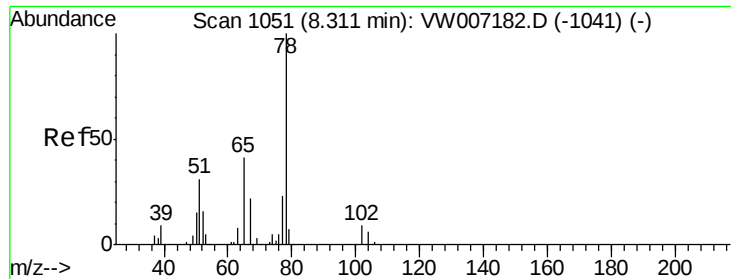
Tot Ion: 43 Resp: 318
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#31
 Cyclohexane
 Concen: 1.054 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW007279.D
 Acq: 06 Dec 2018 13:53

Tgt Ion: 56 Resp: 1859
 Ion Ratio Lower Upper
 56 100
 69 175.3 28.2 42.2#
 84 121.6 72.1 108.1#

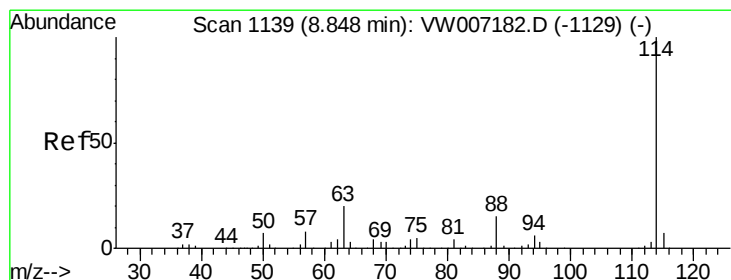
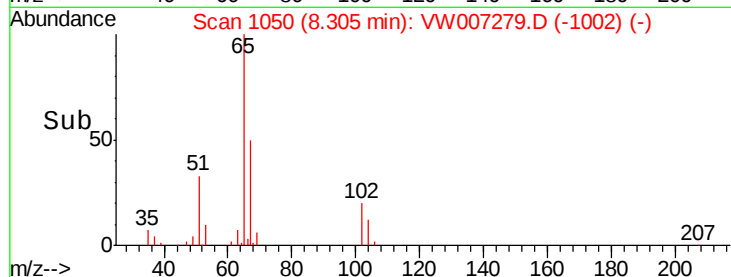
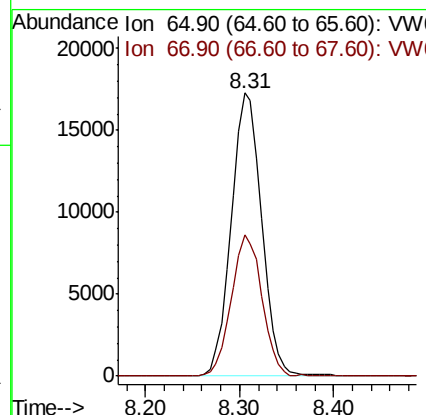
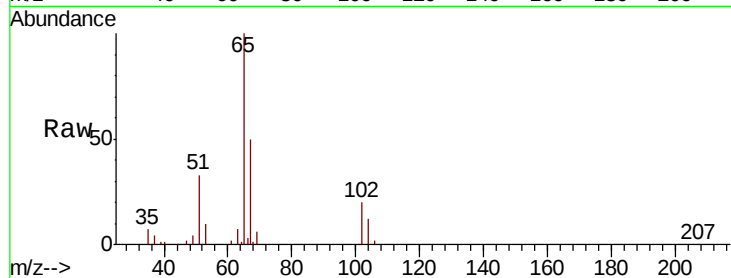




#33
 1,2-Dichloroethane-d4
 Concen: 43.620 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007279.D
 Acq: 06 Dec 2018 13:53

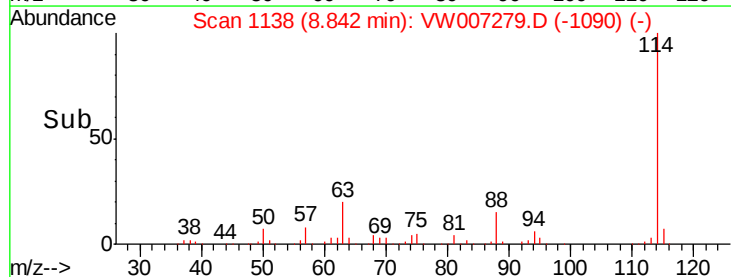
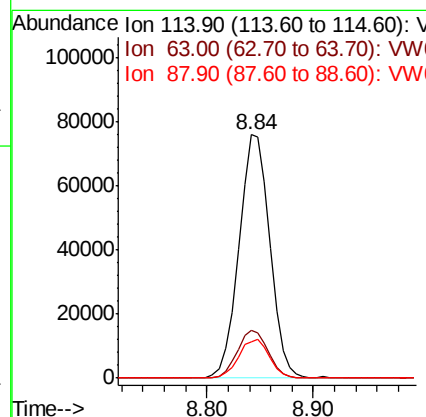
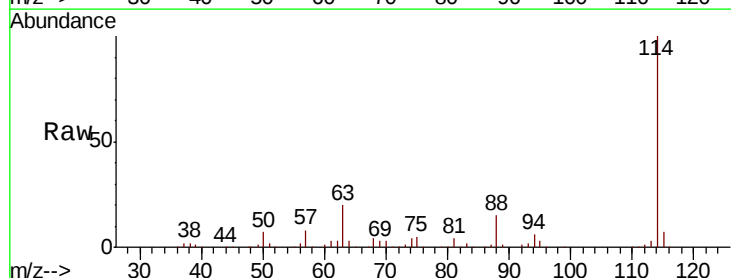
Instrument :
 MSVOA_W
 ClientSampleId :

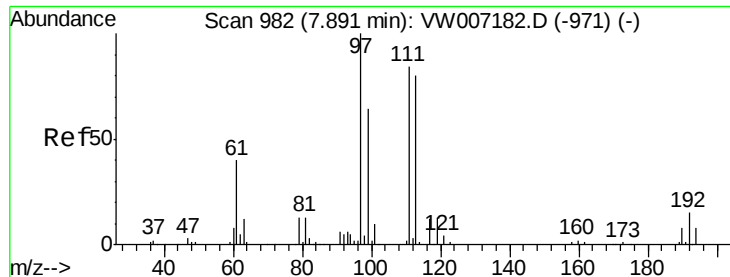
Tot Ion: 65 Resp: 38757
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007279.D
 Acq: 06 Dec 2018 13:53

Tgt Ion: 114 Resp: 154629
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 15.1 0.0 30.0

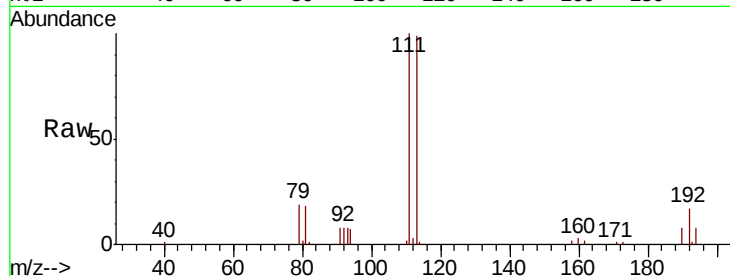




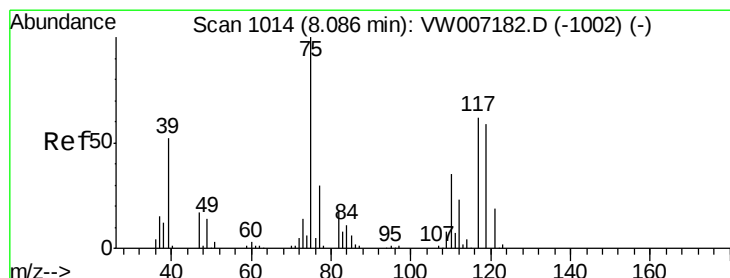
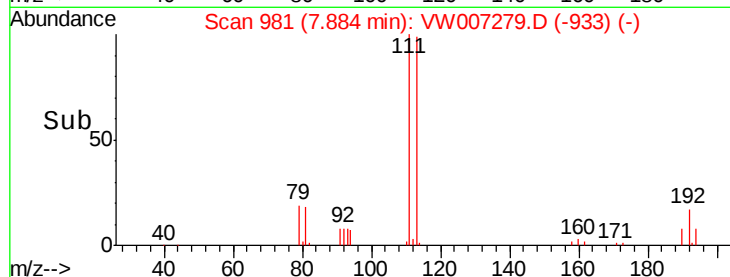
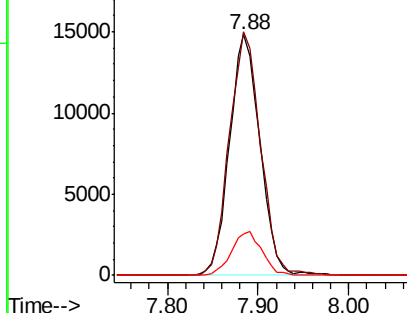
#35
 Dibromofluoromethane
 Concen: 39.041 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007279.D
 Acq: 06 Dec 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	18.1	14.4	21.6

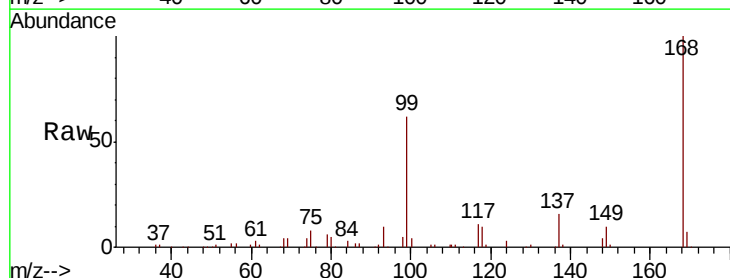


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

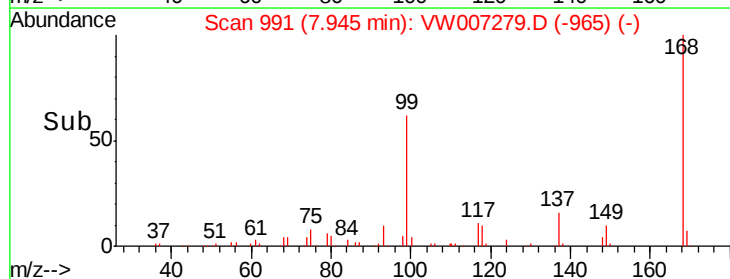
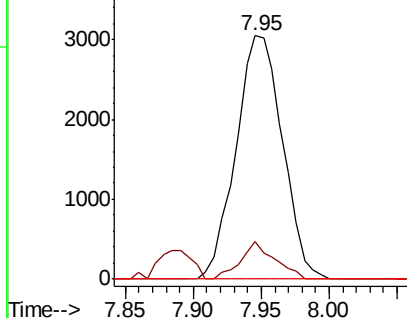


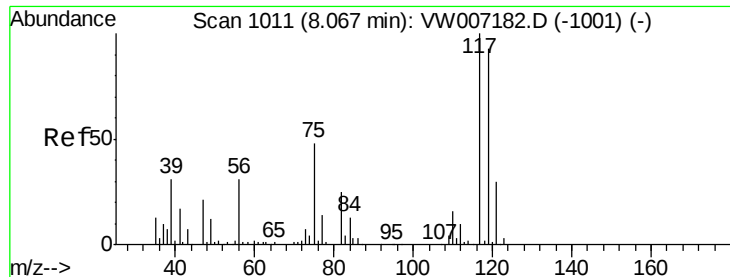
#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007279.D
 Acq: 06 Dec 2018 13:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.3	54.9#
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: 6.529 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW007279.D

Acq: 06 Dec 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

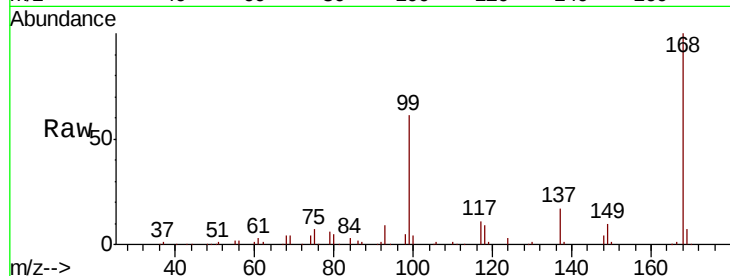
Tot Ion:117 Resp: 10026

Ion Ratio Lower Upper

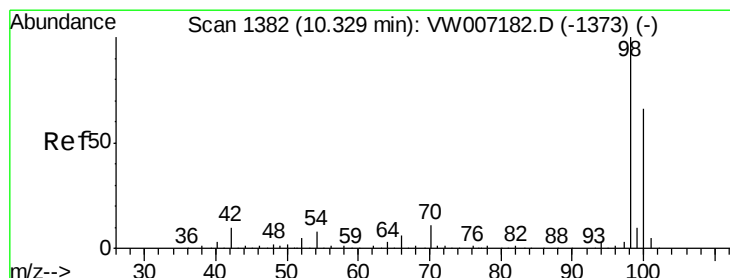
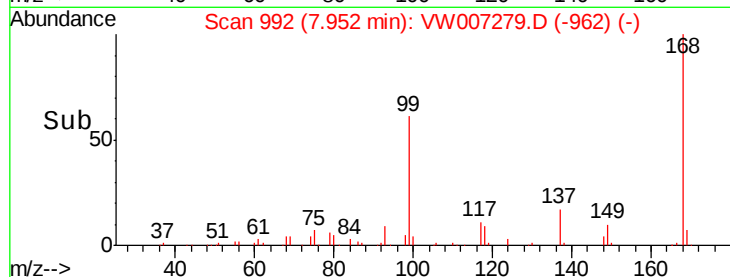
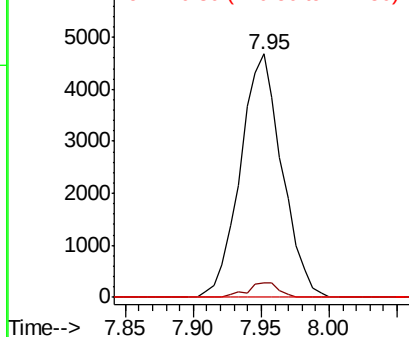
117 100

119 6.2 74.1 111.1#

121 0.0 23.9 35.9#



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: 34.160 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007279.D

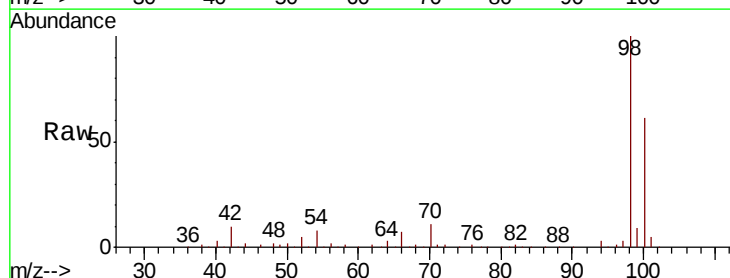
Acq: 06 Dec 2018 13:53

Tgt Ion: 98 Resp: 133231

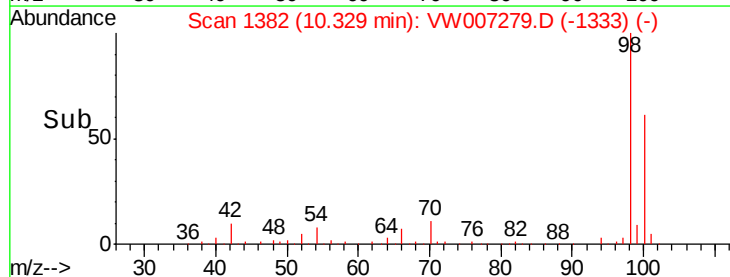
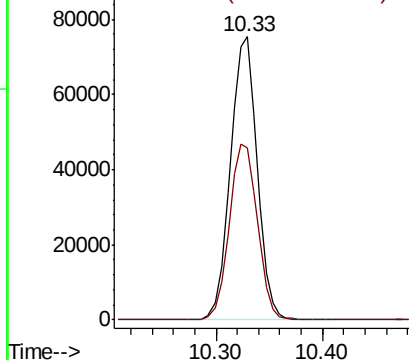
Ion Ratio Lower Upper

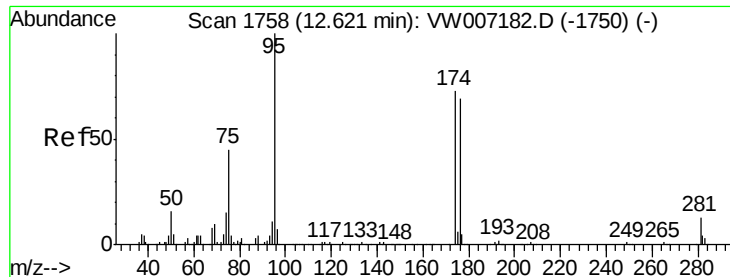
98 100

100 65.1 52.7 79.1



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

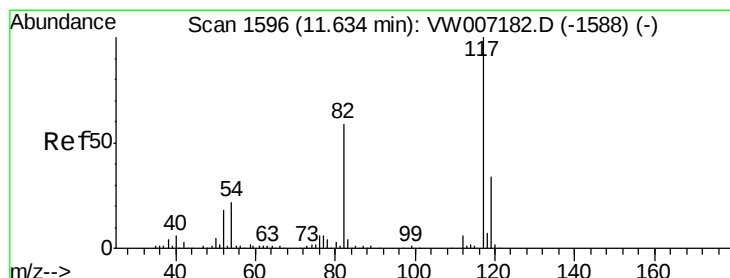
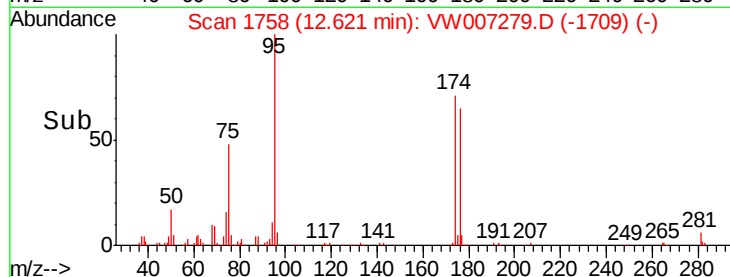
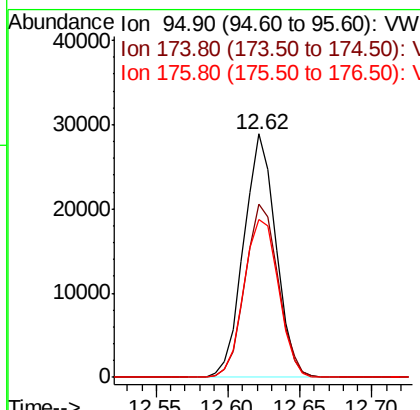
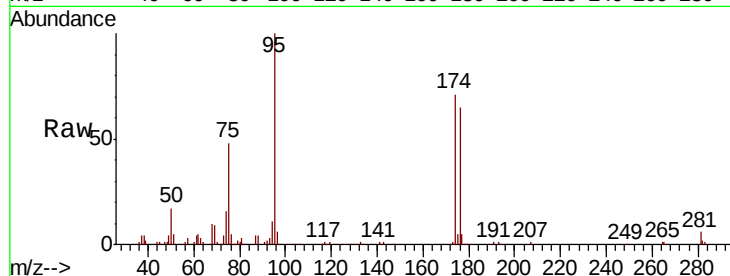




#62
4-Bromofluorobenzene
Concen: 30.283 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007279.D
Acq: 06 Dec 2018 13:53

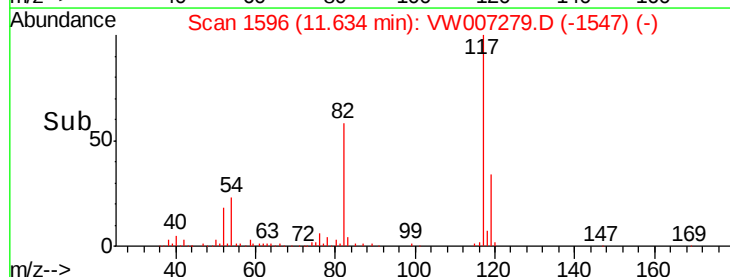
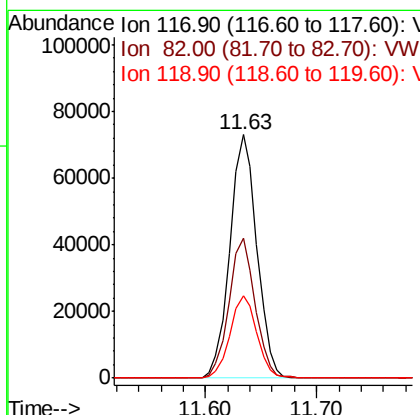
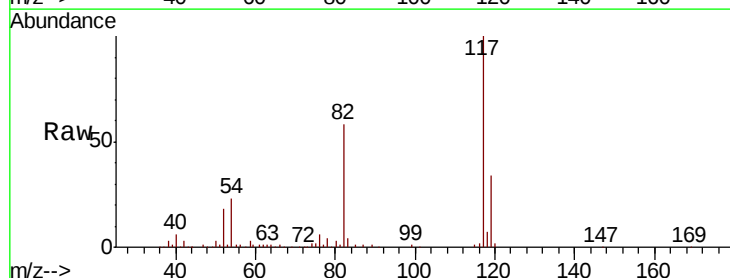
Instrument :
MSVOA_W
ClientSampleId :

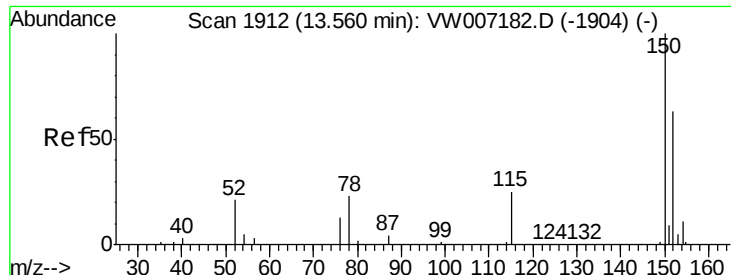
Tot Ion: 95 Resp: 44579
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.0
176 70.3 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007279.D
Acq: 06 Dec 2018 13:53

Tgt Ion: 117 Resp: 122484
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 33.6 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007279.D

Acq: 06 Dec 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

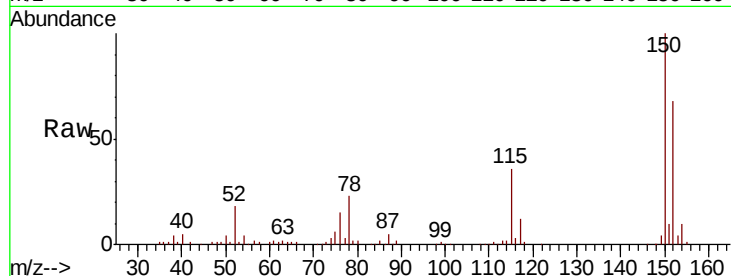
Tot Ion:152 Resp: 45747

Ion Ratio Lower Upper

152 100

115 57.9 31.3 93.8

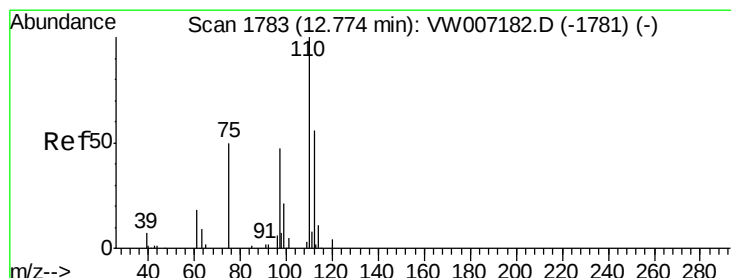
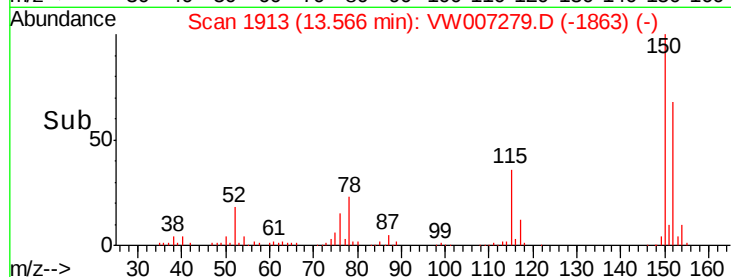
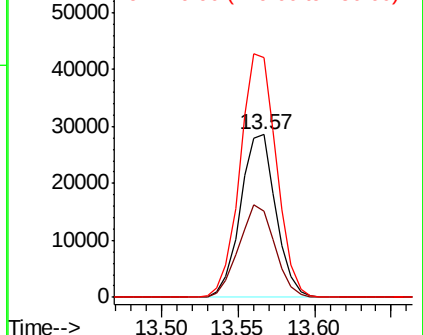
150 153.7 0.0 358.0



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



#76

1,2,3-Trichloropropane

Concen: 61.735 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007279.D

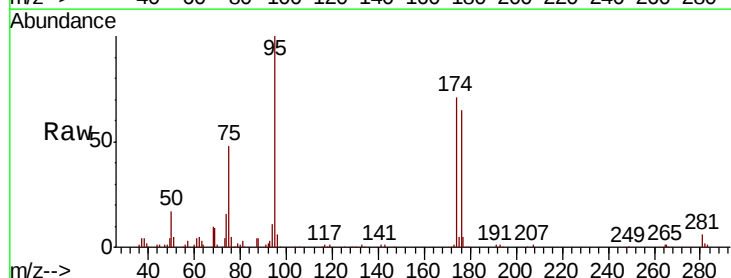
Acq: 06 Dec 2018 13:53

Tgt Ion: 75 Resp: 21868

Ion Ratio Lower Upper

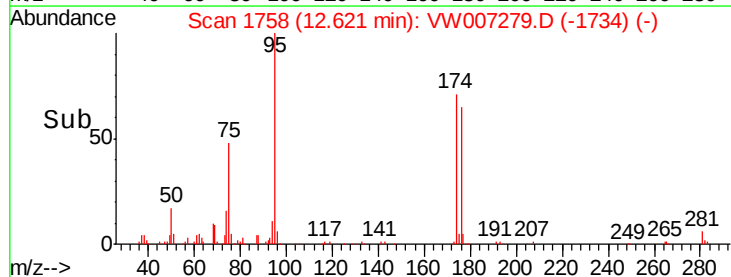
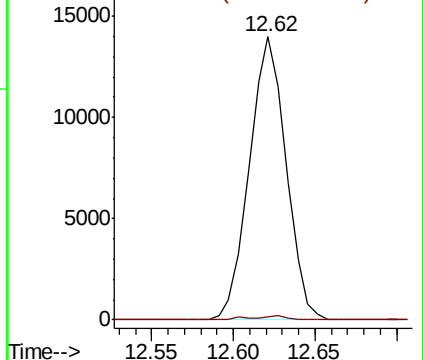
75 100

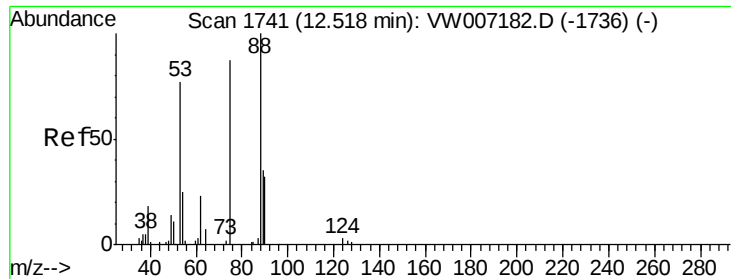
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

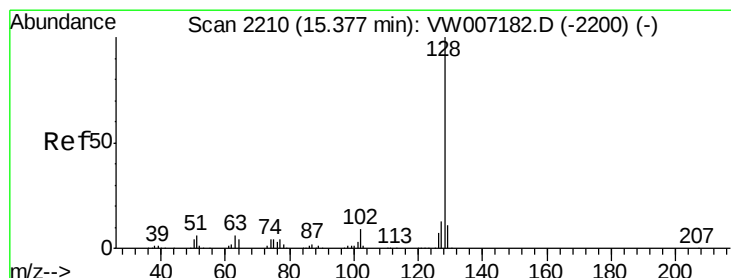
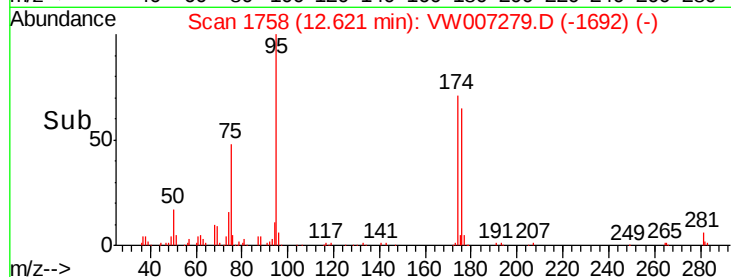
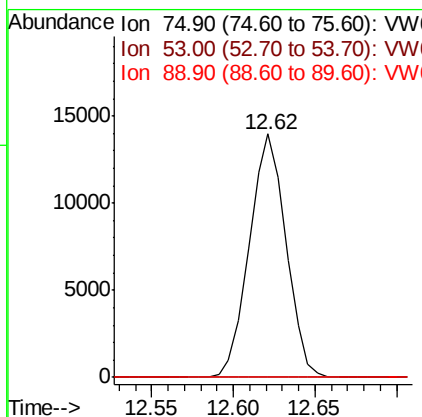
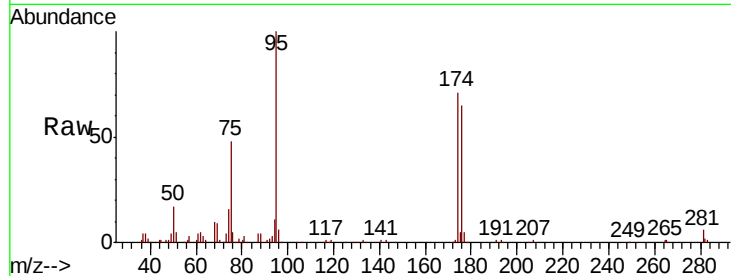




#81
trans-1,4-Dichloro-2-butene
Concen: 133.061 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007279.D
Acq: 06 Dec 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 21868
Ion Ratio Lower Upper
75 100
53 0.0 72.8 109.2#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 10.011 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007279.D
Acq: 06 Dec 2018 13:53

Tgt Ion: 128 Resp: 17747
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.7 8.6 13.0

