

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006777.D
 Acq On : 08 Nov 2018 20:07
 Operator : SY/AP
 Sample : J5750-02RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 7ARE

Quant Time: Nov 09 11:15:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

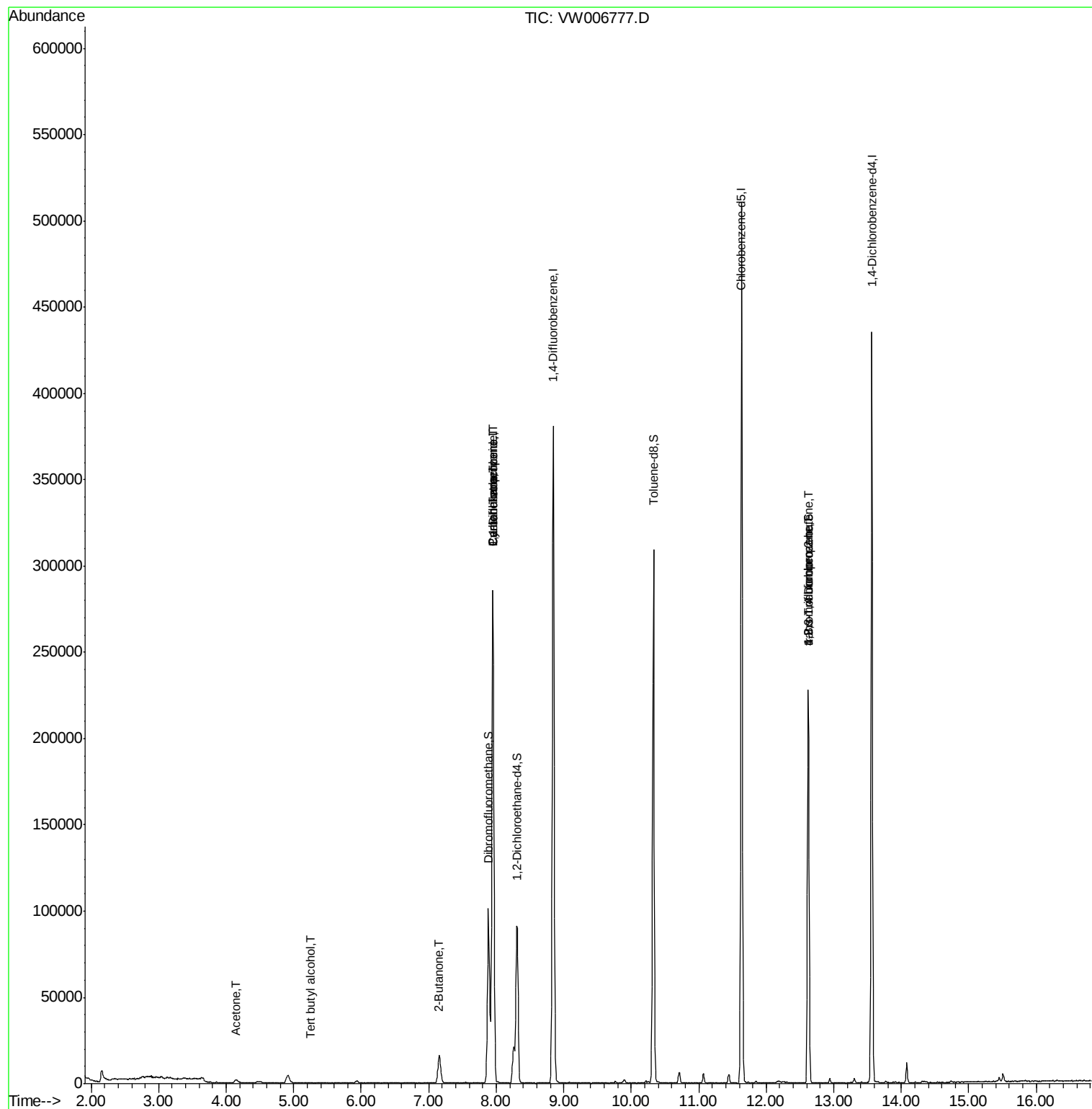
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73173	36.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.50%	
35) Dibromofluoromethane	7.88	113	71103	32.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.66%	
50) Toluene-d8	10.33	98	218135	26.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.92%	
62) 4-Bromofluorobenzene	12.62	95	64906	21.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.44%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.25	59	117	1.076	ug/l #	84
16) Acetone	4.15	43	3719	11.410	ug/l	93
20) Methylene Chloride	4.92	84	4508	Below Cal		84
25) 2-Butanone	7.15	43	920	1.978	ug/l #	89
31) Cyclohexane	7.95	56	3916	1.218	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14920	4.916	ug/l #	49
38) Carbon Tetrachloride	7.95	117	20859	6.578	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	31575	31.814	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31575	80.667	ug/l #	11

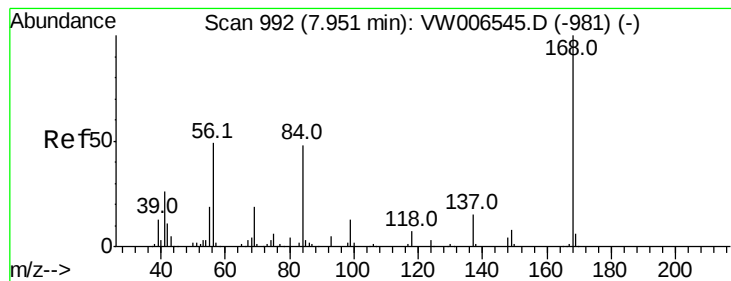
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110818\
Data File : VW006777.D
Acq On : 08 Nov 2018 20:07
Operator : SY/AP
Sample : J5750-02RE
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
7ARE

Quant Time: Nov 09 11:15:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006777.D

Acq: 08 Nov 2018 20:07

Instrument :

MSVOA_W

ClientSampled :

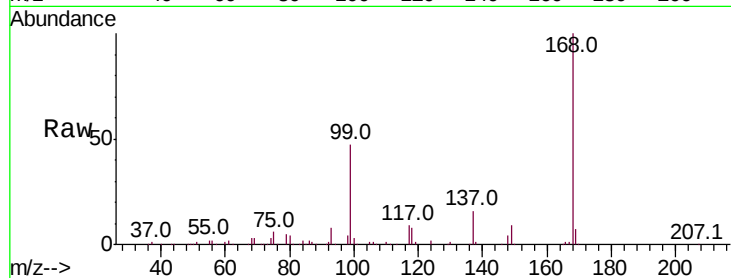
7ARE

Tot Ion:168 Resp: 234854

Ion Ratio Lower Upper

168 100

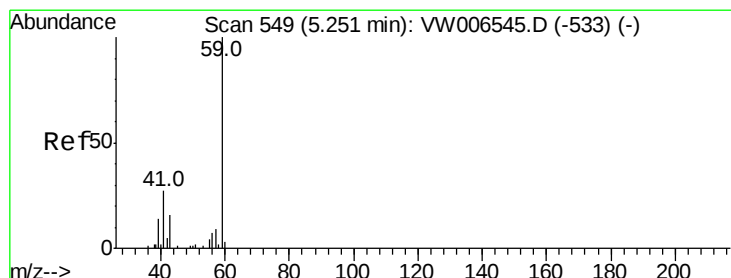
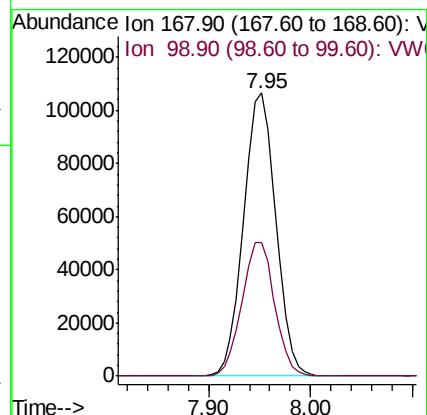
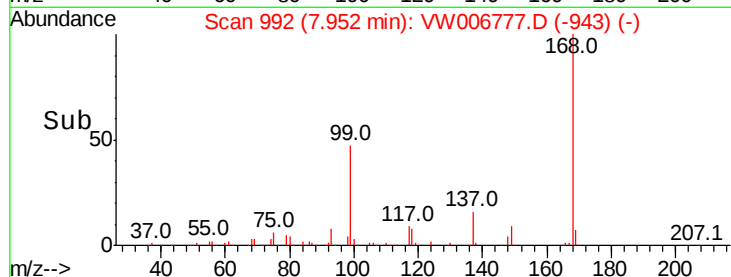
99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#11

Tert butyl alcohol

Concen: 1.076 ug/l

RT: 5.25 min Scan# 549

Delta R.T. 0.00 min

Lab File: VW006777.D

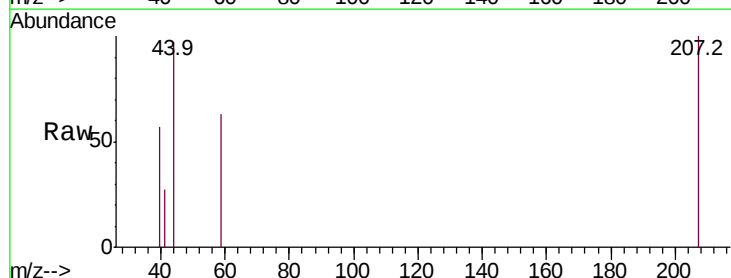
Acq: 08 Nov 2018 20:07

Tgt Ion: 59 Resp: 117

Ion Ratio Lower Upper

59 100

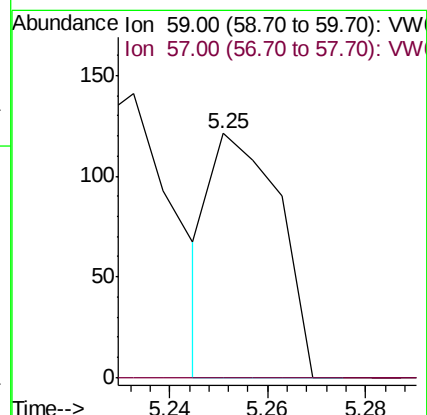
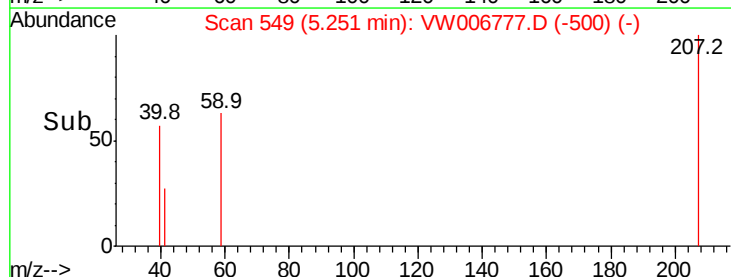
57 0.0 4.3 6.5#

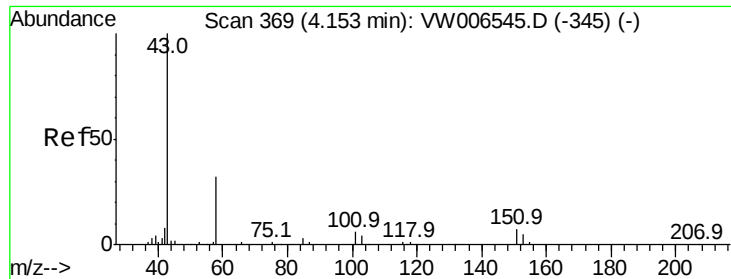


Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.25

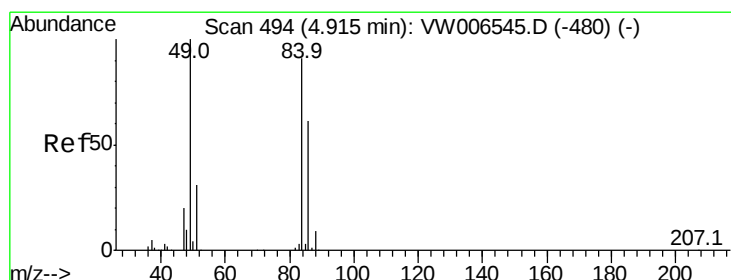
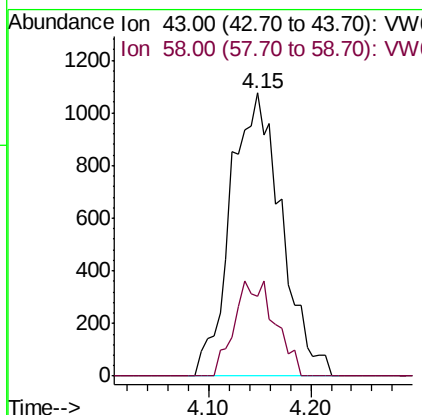
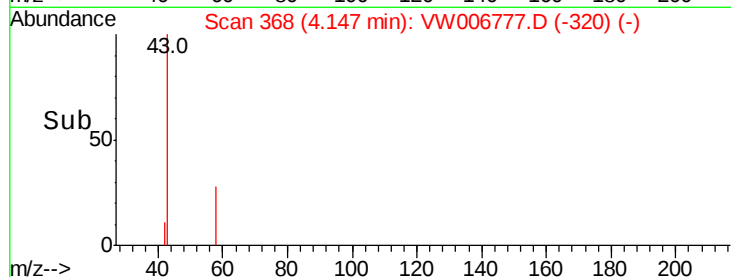
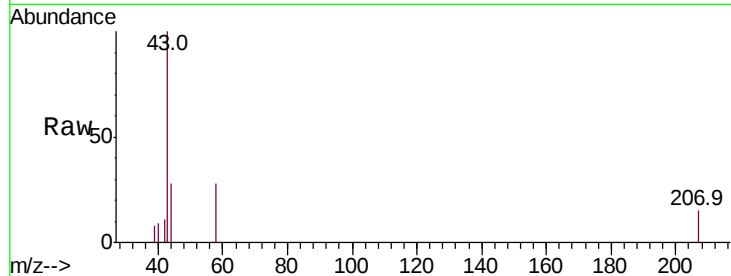




#16
Acetone
Concen: 11.410 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006777.D
Acq: 08 Nov 2018 20:07

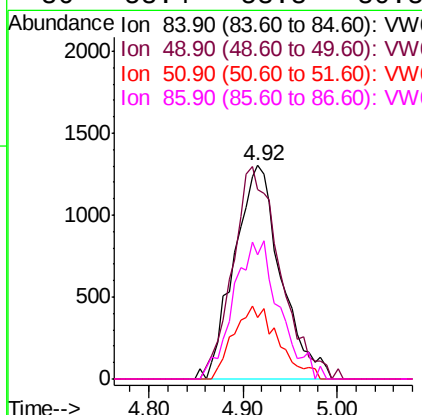
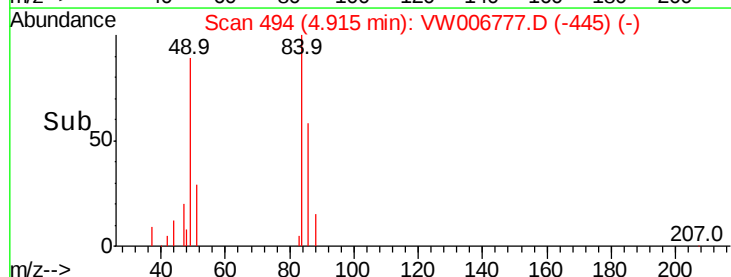
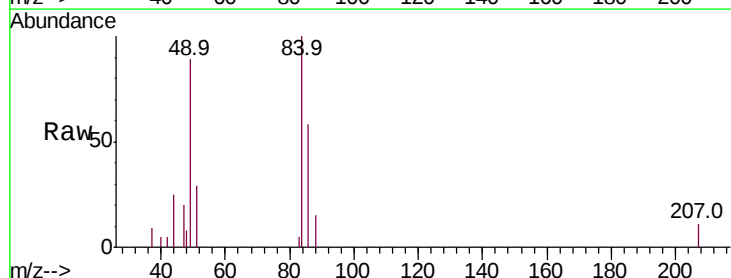
Instrument :
MSVOA_W
ClientSampleId :
7ARE

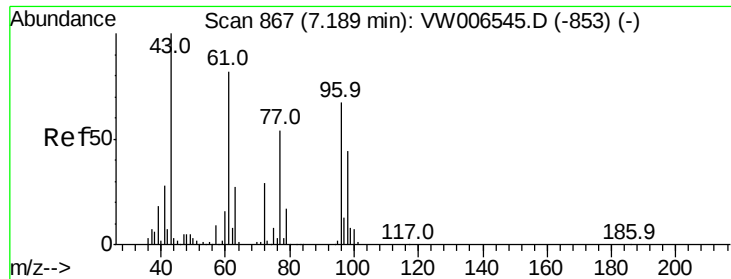
Tot Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
58 28.4 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006777.D
Acq: 08 Nov 2018 20:07

Tgt Ion: 84 Resp: 4508
Ion Ratio Lower Upper
84 100
49 88.9 88.2 132.4
51 28.6 27.0 40.6
86 58.4 53.8 80.8





#25

2-Butanone

Concen: 1.978 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

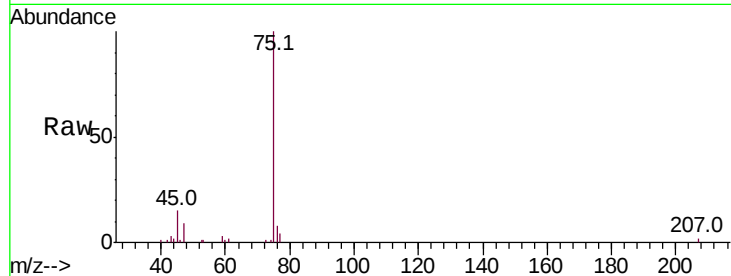
Instrument :
MSVOA_W
ClientSampleId :
7ARE

Tot Ion: 43 Resp: 920

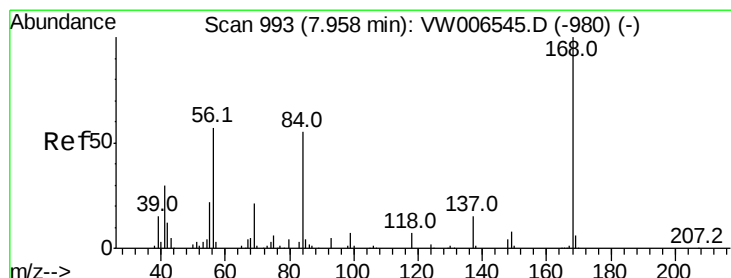
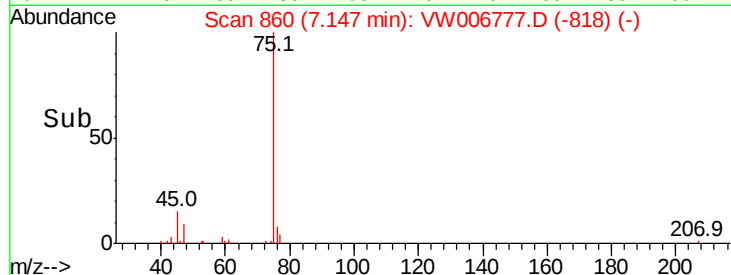
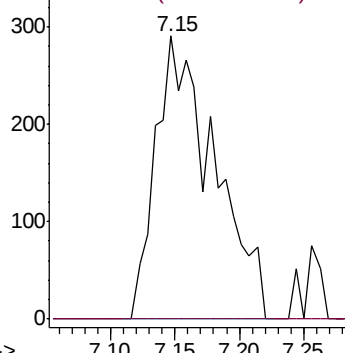
Ion Ratio Lower Upper

43 100

72 23.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

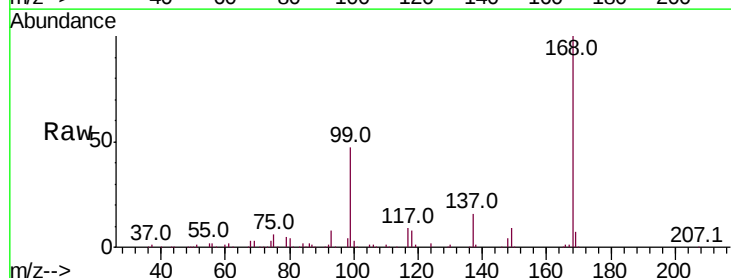
Tgt Ion: 56 Resp: 3916

Ion Ratio Lower Upper

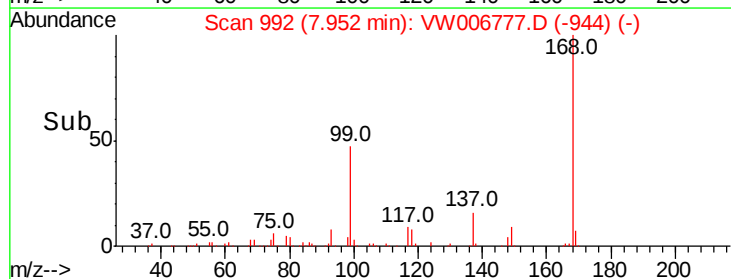
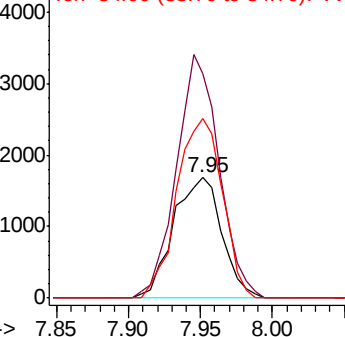
56 100

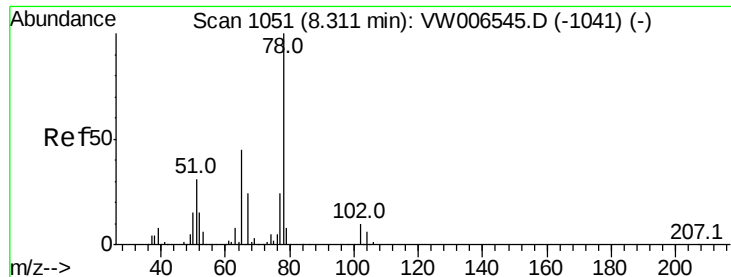
69 186.0 29.0 43.4#

84 148.7 77.8 116.6#



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: 36.246 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

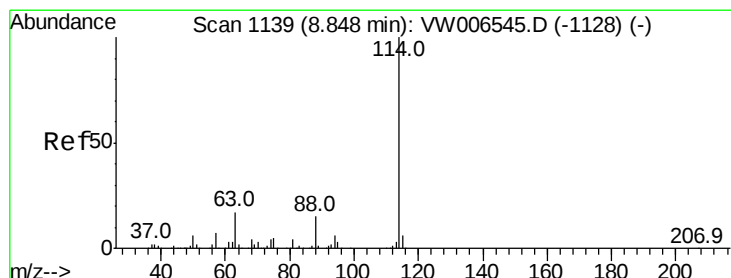
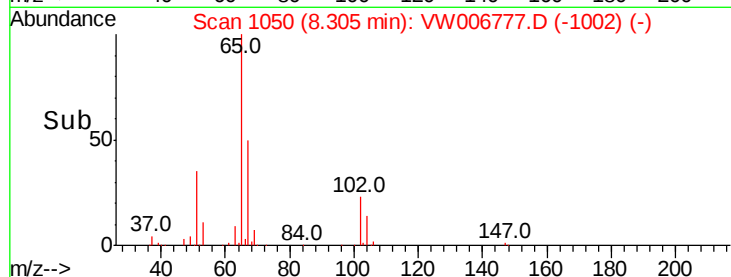
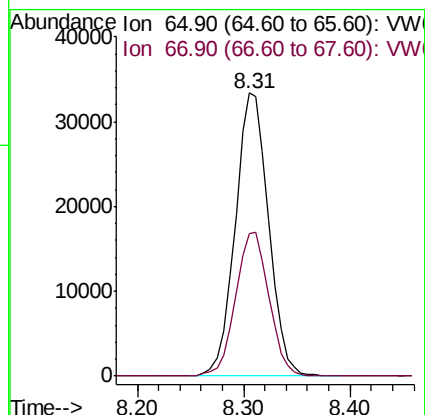
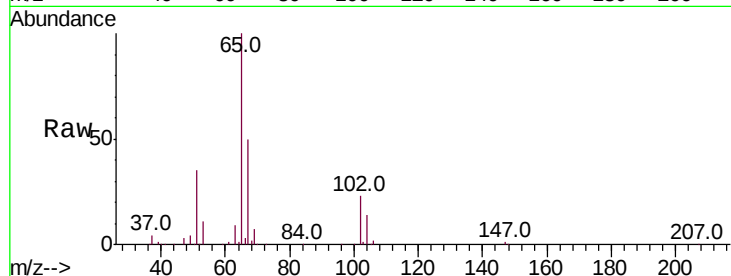
7ARE

Tot Ion: 65 Resp: 73173

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

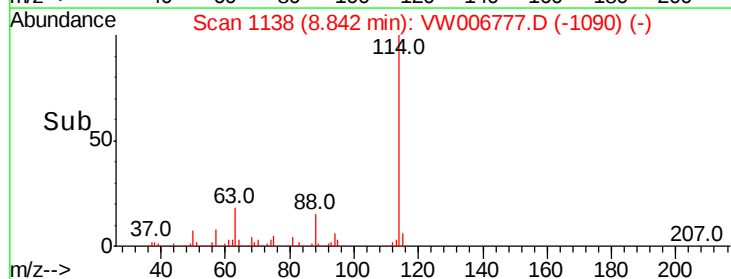
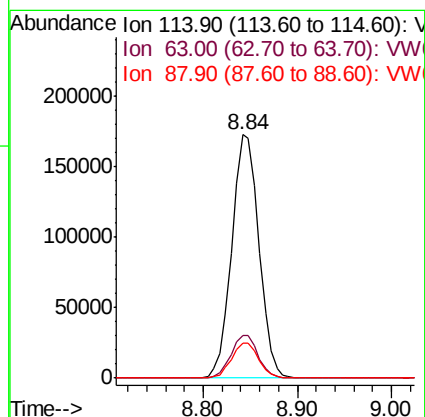
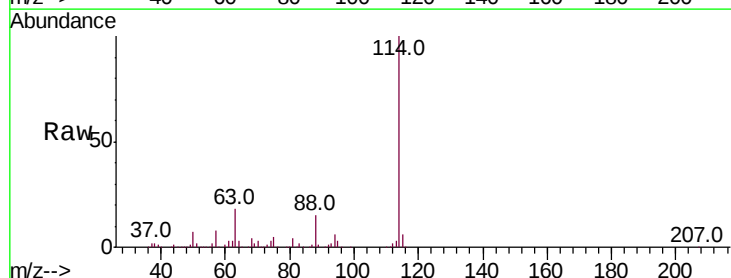
Tgt Ion: 114 Resp: 345085

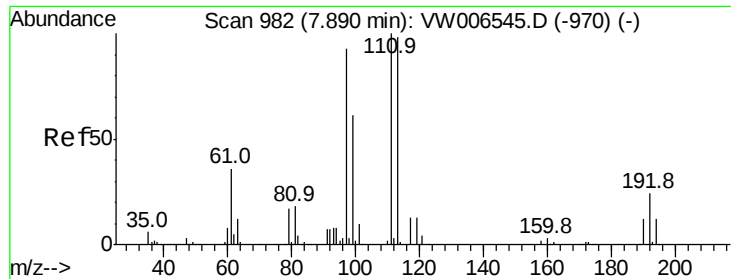
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 32.832 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

Instrument :
MSVOA_W
ClientSampleId :
7ARE

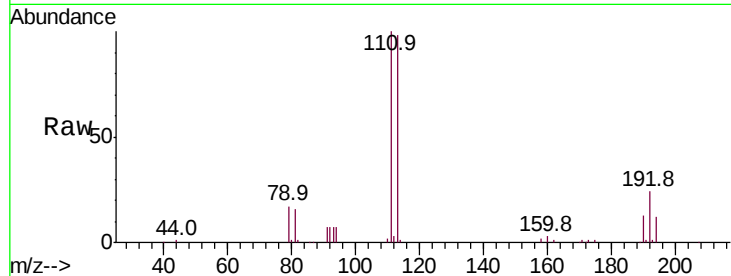
Tot Ion:113 Resp: 71103

Ion Ratio Lower Upper

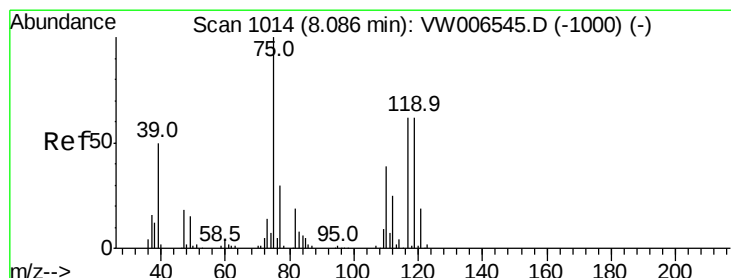
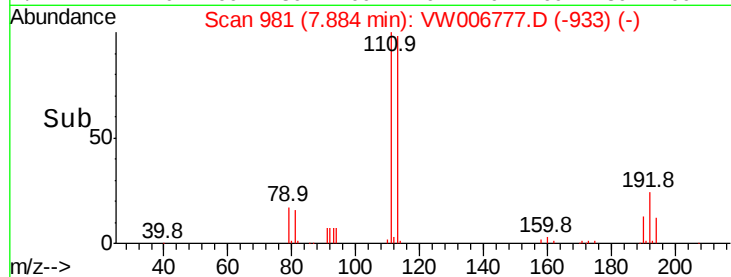
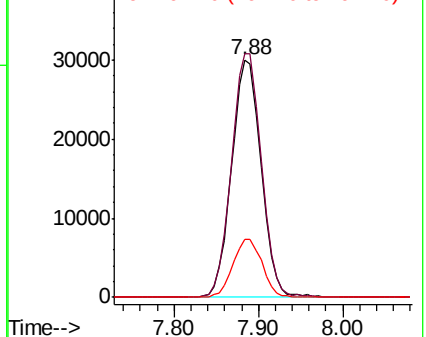
113 100

111 103.6 82.2 123.2

192 24.2 19.0 28.6



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: 4.916 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

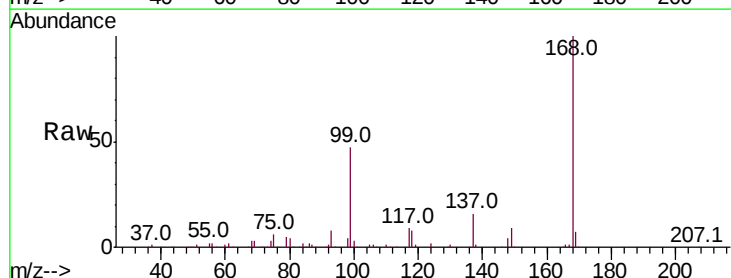
Tgt Ion: 75 Resp: 14920

Ion Ratio Lower Upper

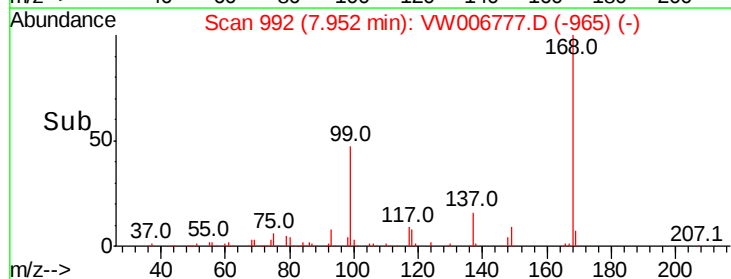
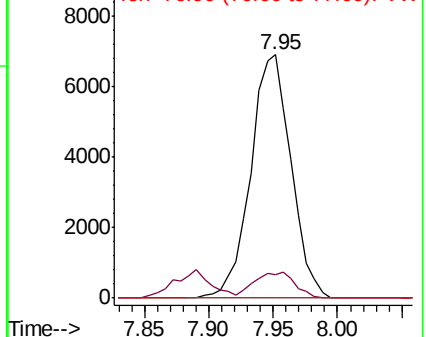
75 100

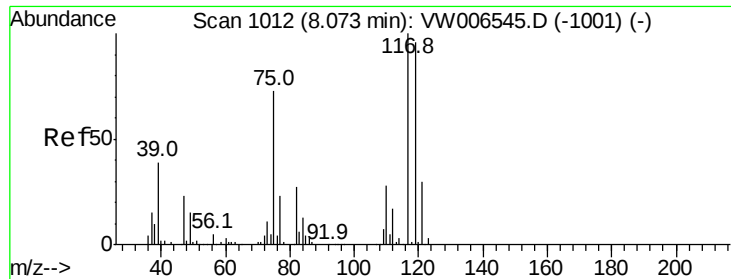
110 10.7 19.5 58.5#

77 0.0 24.6 37.0#



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: 6.578 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

7ARE

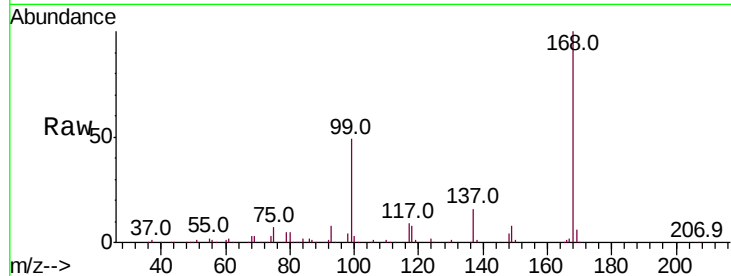
Tot Ion:117 Resp: 20859

Ion Ratio Lower Upper

117 100

119 5.8 76.3 114.5#

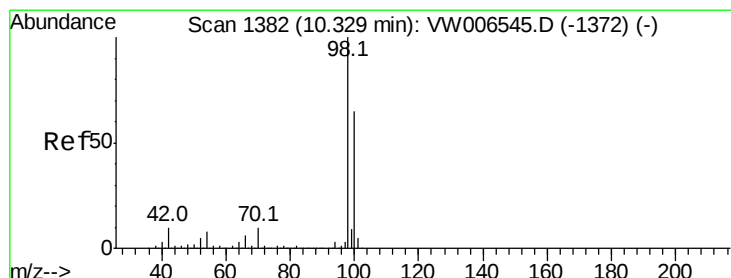
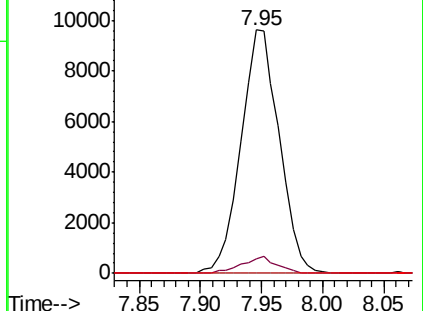
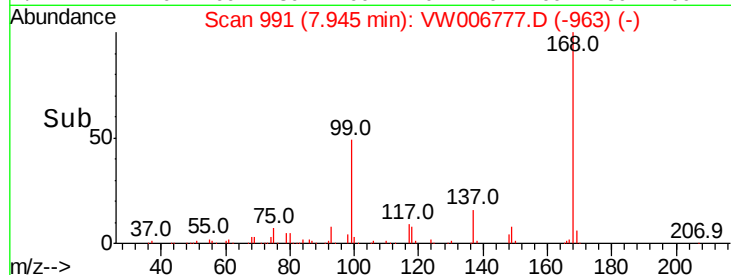
121 0.0 24.1 36.1#



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: 26.459 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006777.D

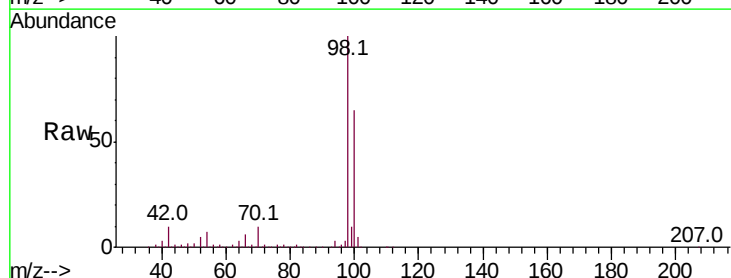
Acq: 08 Nov 2018 20:07

Tgt Ion: 98 Resp: 218135

Ion Ratio Lower Upper

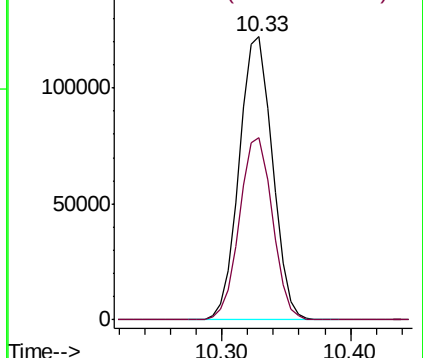
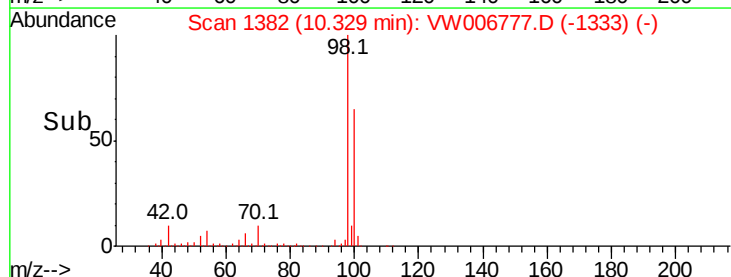
98 100

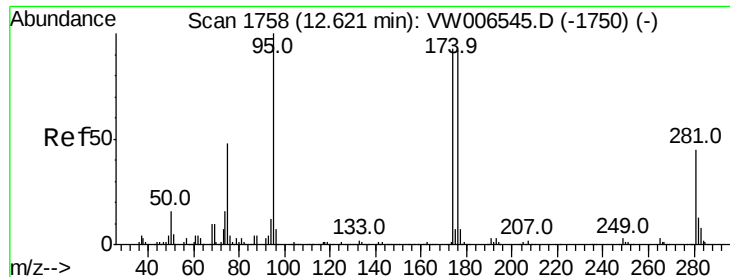
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

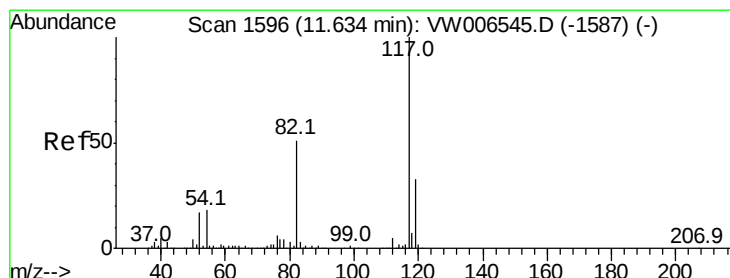
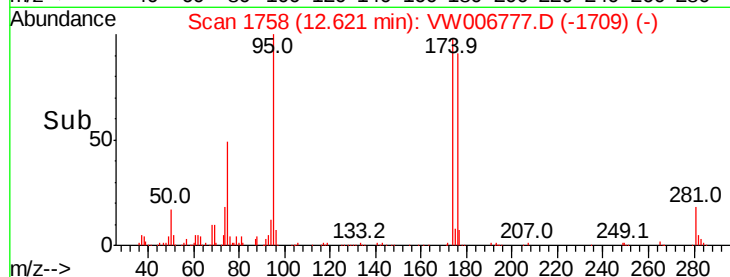
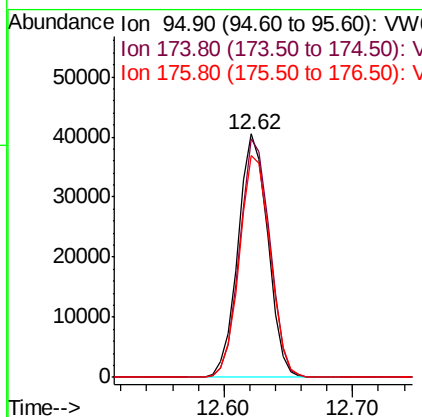
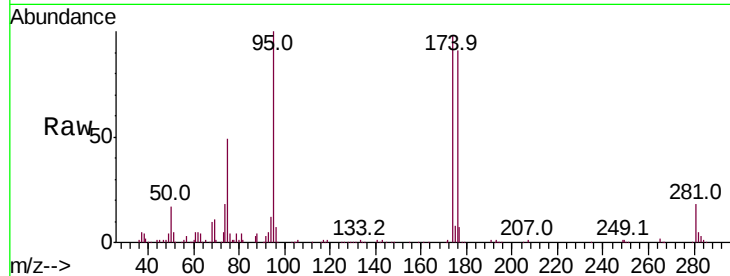




#62
4-Bromofluorobenzene
Concen: 21.716 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006777.D
Acq: 08 Nov 2018 20:07

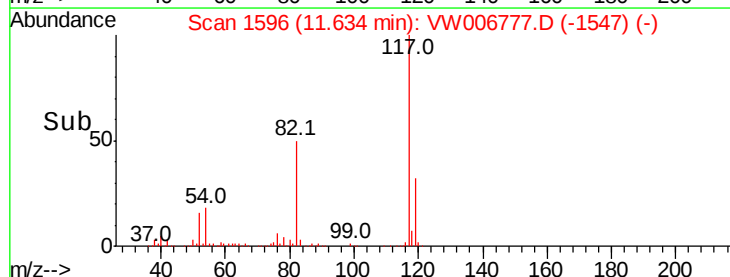
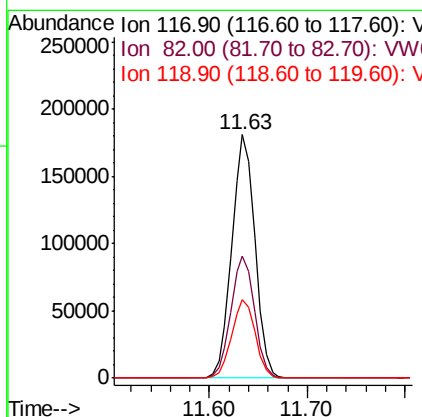
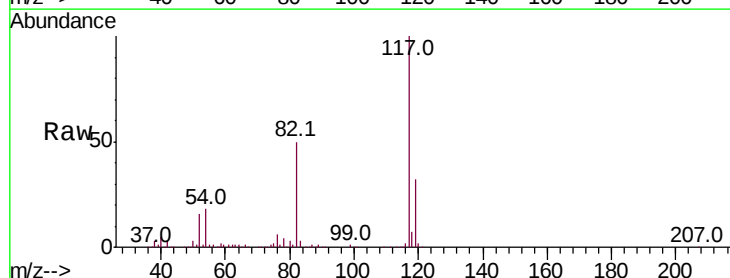
Instrument :
MSVOA_W
ClientSampled :
7ARE

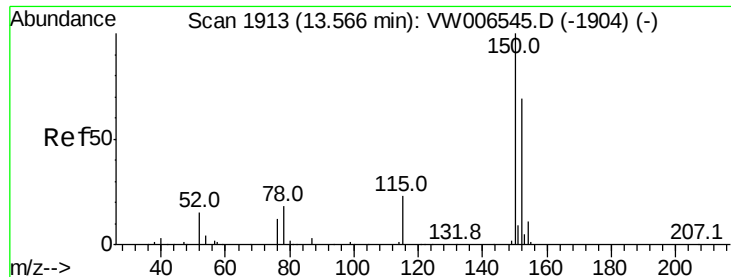
Tot Ion: 95 Resp: 64906
Ion Ratio Lower Upper
95 100
174 98.6 0.0 192.4
176 93.8 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006777.D
Acq: 08 Nov 2018 20:07

Tgt Ion: 117 Resp: 297424
Ion Ratio Lower Upper
117 100
82 50.1 40.8 61.2
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

7ARE

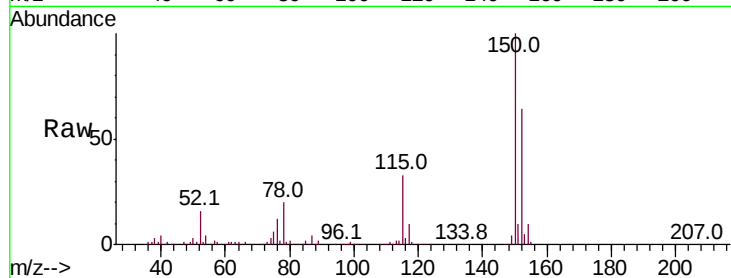
Tot Ion:152 Resp: 127203

Ion Ratio Lower Upper

152 100

115 52.1 26.6 79.8

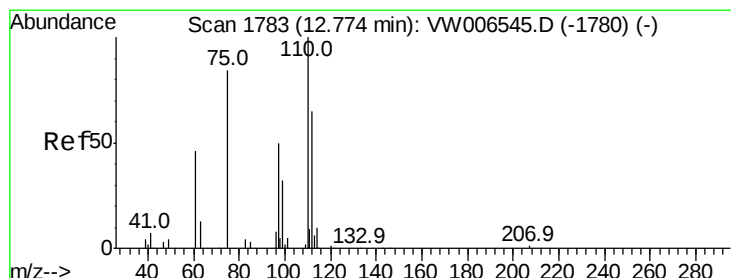
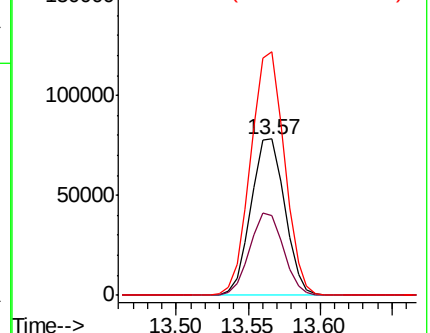
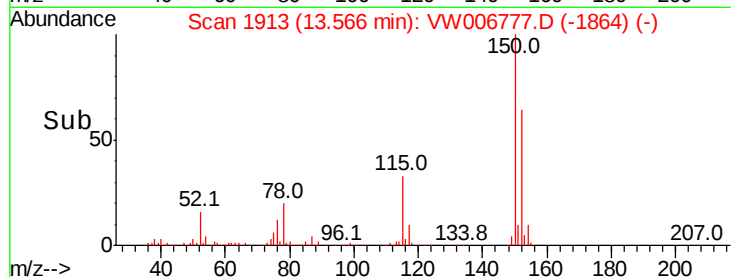
150 155.8 0.0 344.6



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: 31.814 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006777.D

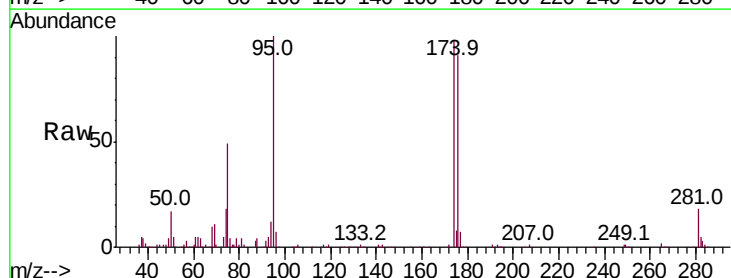
Acq: 08 Nov 2018 20:07

Tgt Ion: 75 Resp: 31575

Ion Ratio Lower Upper

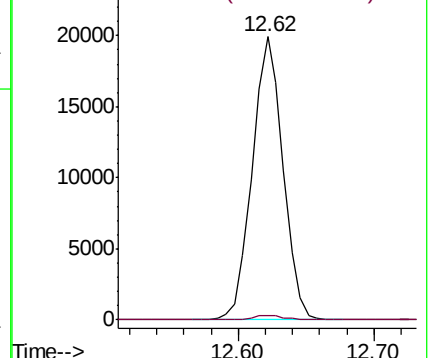
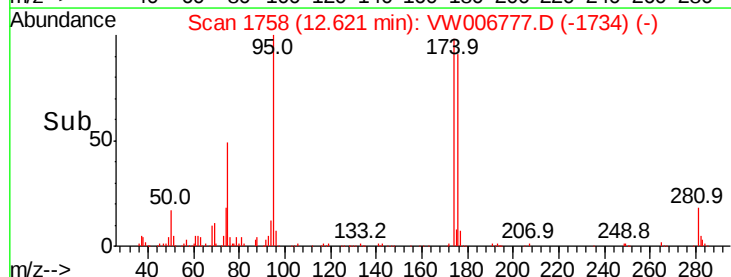
75 100

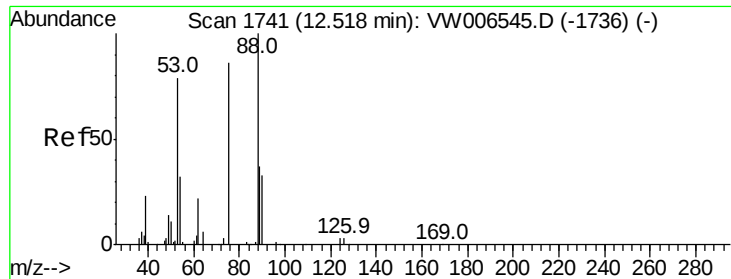
77 1.5 0.0 0.0#



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: 80.667 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006777.D

Acq: 08 Nov 2018 20:07

Instrument :

MSVOA_W

ClientSampleId :

7ARE

Tot Ion: 75 Resp: 31575

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

