

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006757.D
 Acq On : 08 Nov 2018 00:17
 Operator : SY/AP
 Sample : J5813-06
 Misc : 6.13G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:51:18 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	240507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	359408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	145823	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	80798	39.08	ug/l	0.00
Spiked Amount			Recovery	=	78.16%	
35) Dibromofluoromethane	7.88	113	83208	36.89	ug/l	0.00
Spiked Amount			Recovery	=	73.78%	
50) Toluene-d8	10.32	98	270186	31.47	ug/l	0.00
Spiked Amount			Recovery	=	62.94%	
62) 4-Bromofluorobenzene	12.62	95	87087	27.98	ug/l	0.00
Spiked Amount			Recovery	=	55.96%	

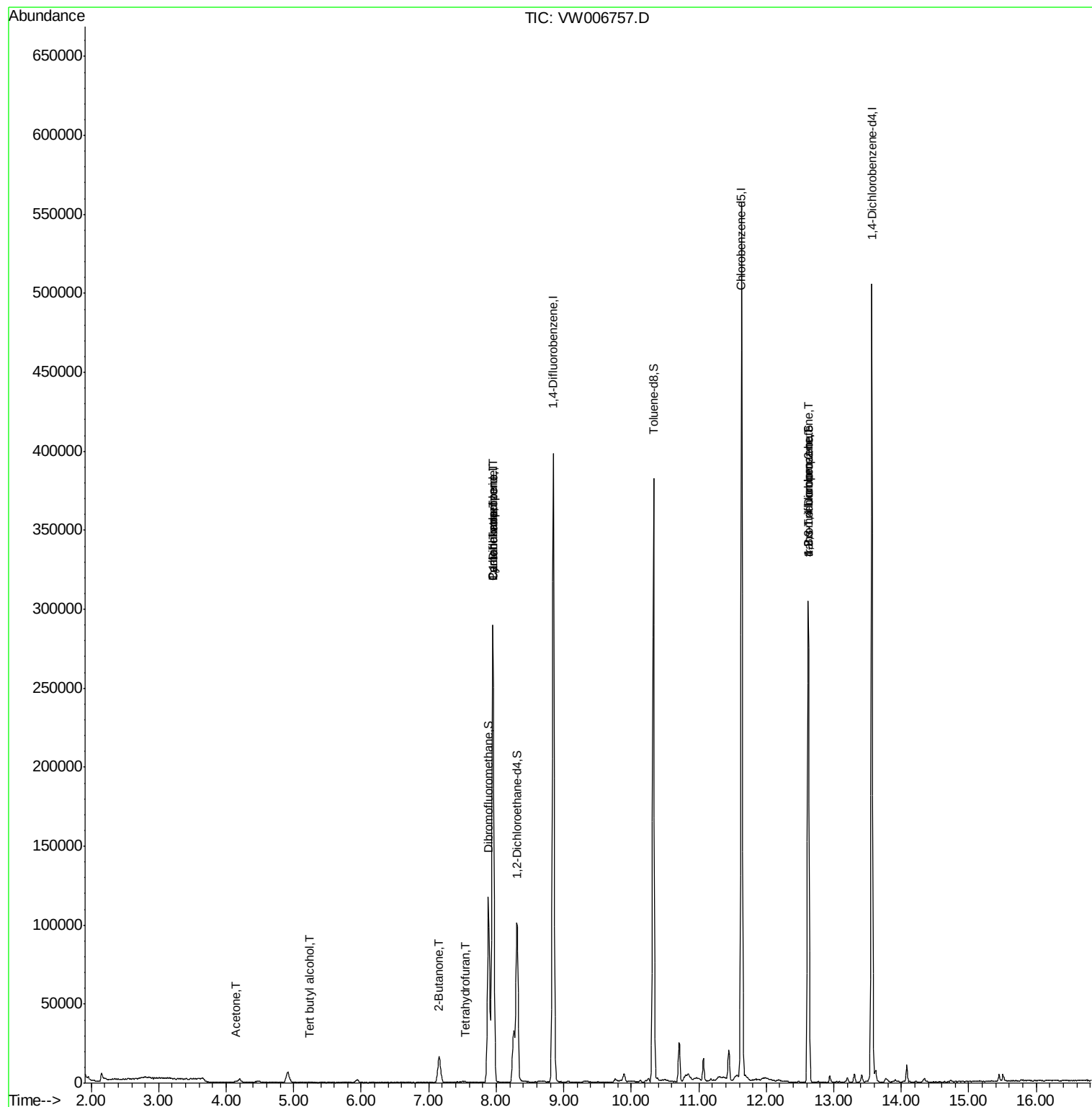
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	225	2.020	ug/l #	84
16) Acetone	4.14	43	1814	5.435	ug/l	89
20) Methylene Chloride	4.90	84	5989	Below Cal		90
25) 2-Butanone	7.15	43	1082	2.272	ug/l #	46
29) Tetrahydrofuran	7.54	42	382	1.275	ug/l #	49
31) Cyclohexane	7.95	56	4012	1.218	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	14700	4.651	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20948	6.343	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	41835	36.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41835	92.817	ug/l #	11

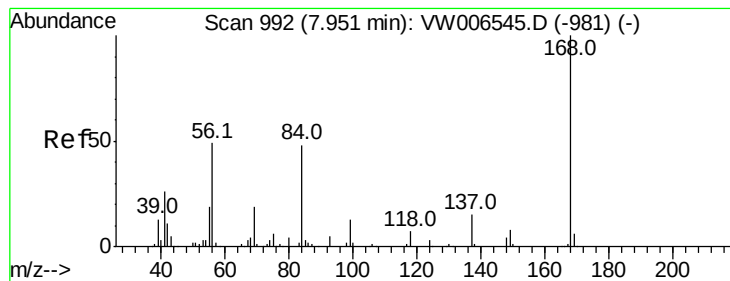
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110718\
Data File : VW006757.D
Acq On : 08 Nov 2018 00:17
Operator : SY/AP
Sample : J5813-06
Misc : 6.13G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 09 09:51:18 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: VW006757.D

Acq: 08 Nov 2018 00:17

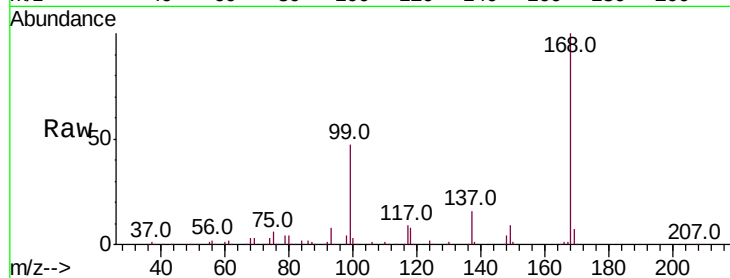
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 240507

Ion Ratio Lower Upper

168 100

99 46.6 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

120000

100000

80000

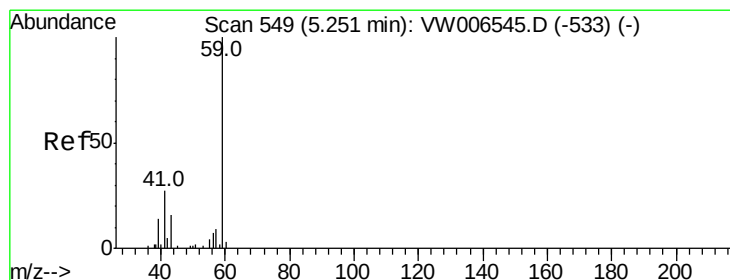
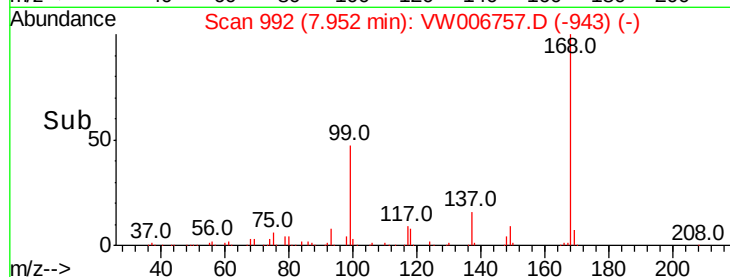
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.020 ug/l

RT: 5.23 min Scan# 546

Delta R.T. -0.02 min

Lab File: VW006757.D

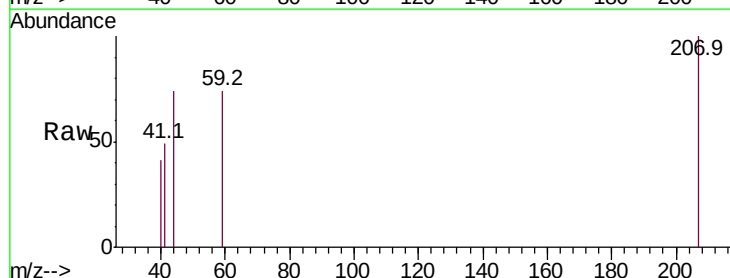
Acq: 08 Nov 2018 00:17

Tgt Ion: 59 Resp: 225

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

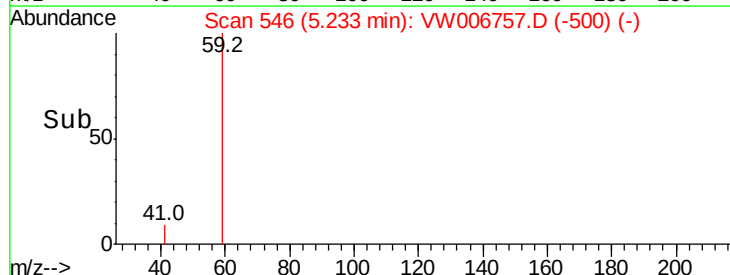
5.23

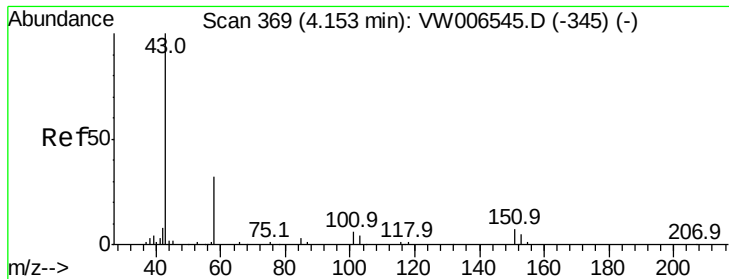
100

50

0

Time-->

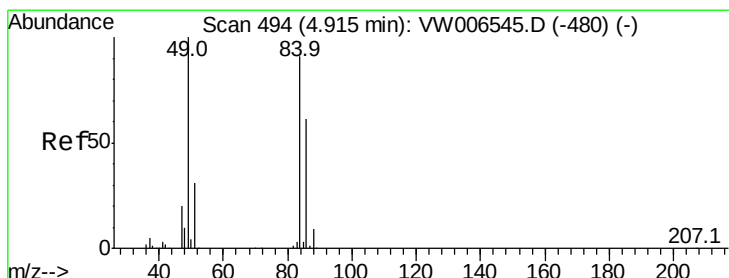
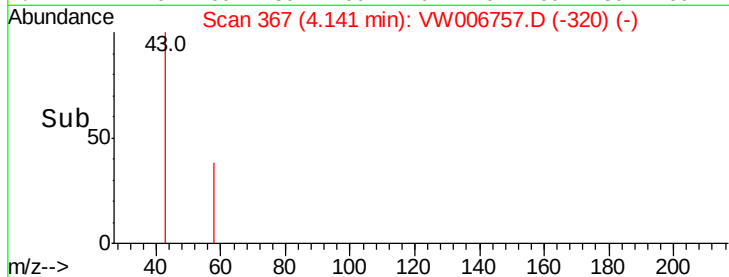
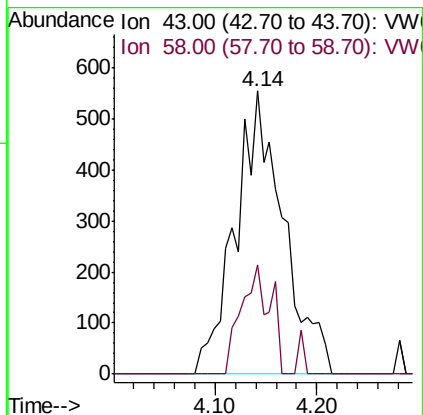
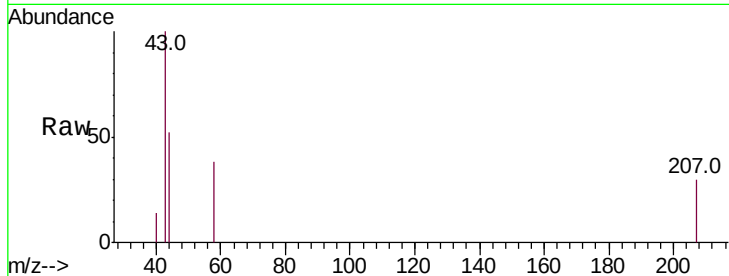




#16
Acetone
Concen: 5.435 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

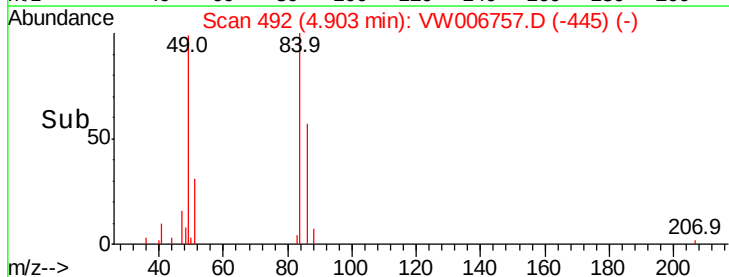
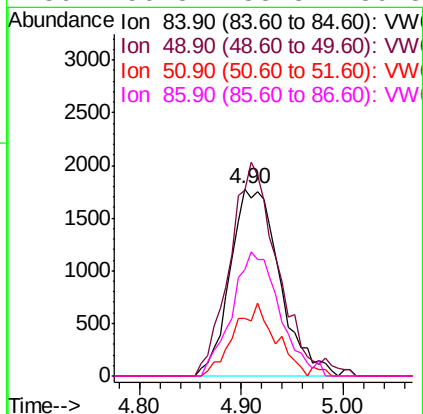
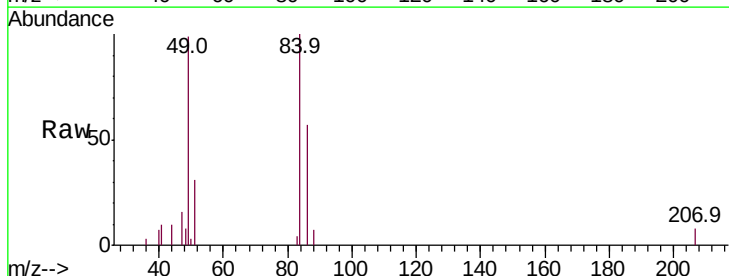
Instrument :
MSVOA_W
ClientSampled :

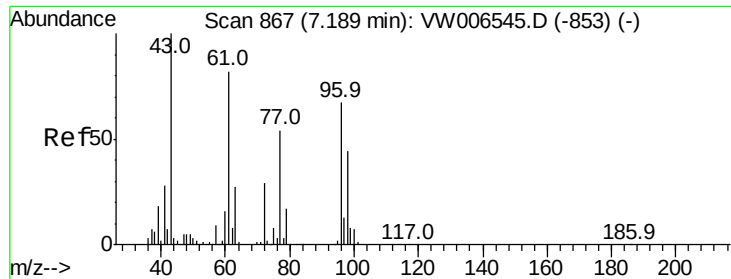
Tot Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
58 38.4 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

Tgt Ion: 84 Resp: 5989
Ion Ratio Lower Upper
84 100
49 99.5 88.2 132.4
51 31.1 27.0 40.6
86 56.8 53.8 80.8





#25

2-Butanone

Concen: 2.272 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006757.D

Acq: 08 Nov 2018 00:17

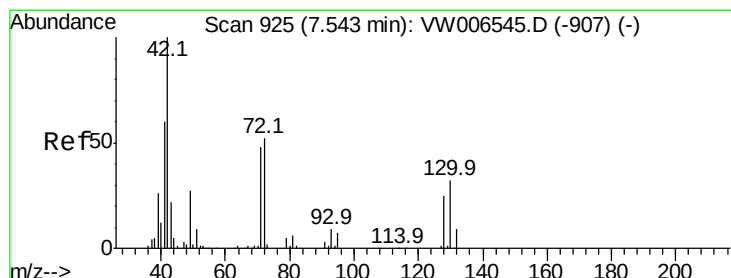
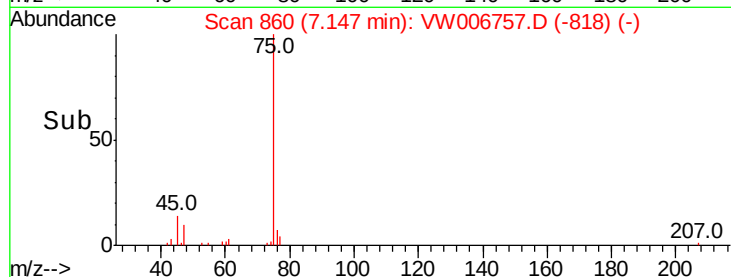
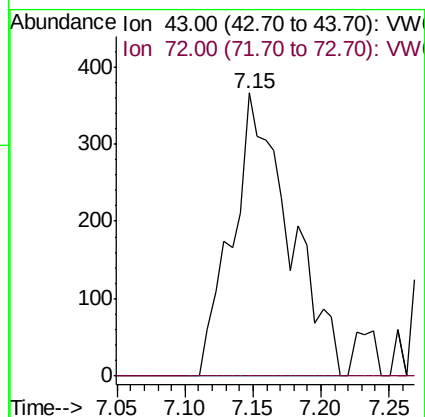
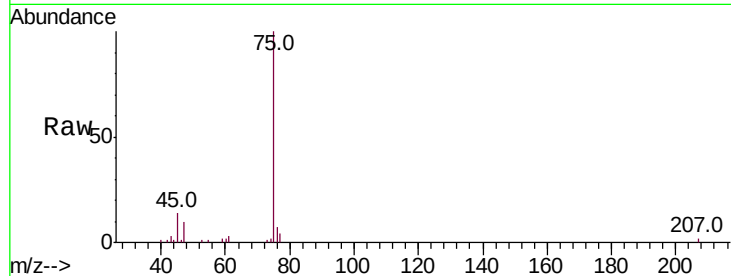
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1082

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#29

Tetrahydrofuran

Concen: 1.275 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006757.D

Acq: 08 Nov 2018 00:17

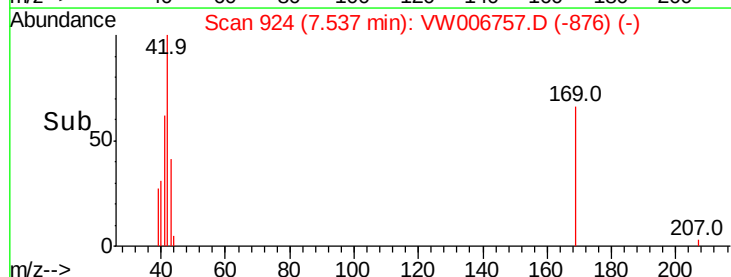
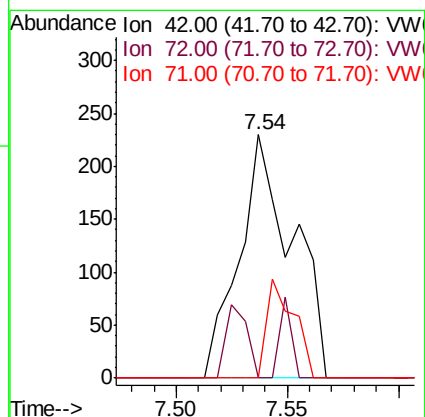
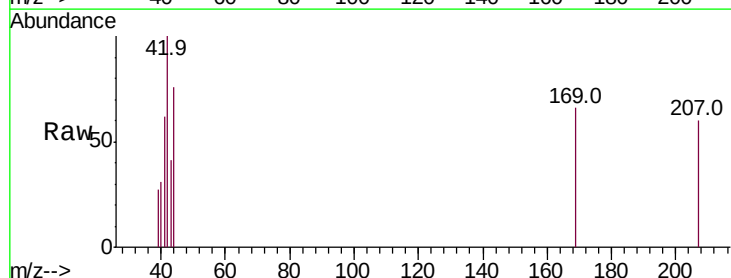
Tgt Ion: 42 Resp: 382

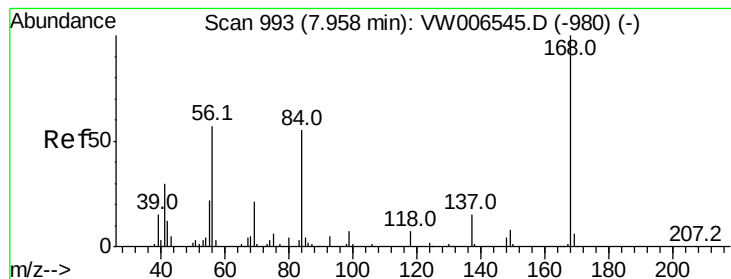
Ion Ratio Lower Upper

42 100

72 7.3 39.2 58.8#

71 20.4 37.6 56.4#





#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006757.D

Acq: 08 Nov 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :

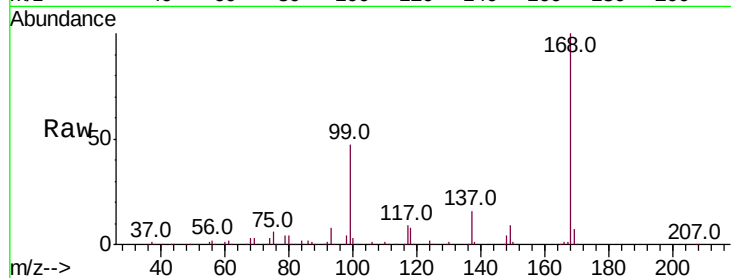
Tot Ion: 56 Resp: 4012

Ion Ratio Lower Upper

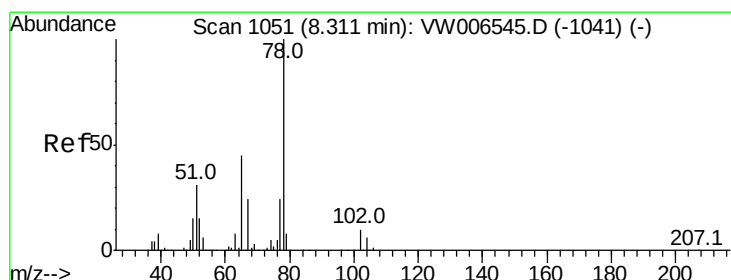
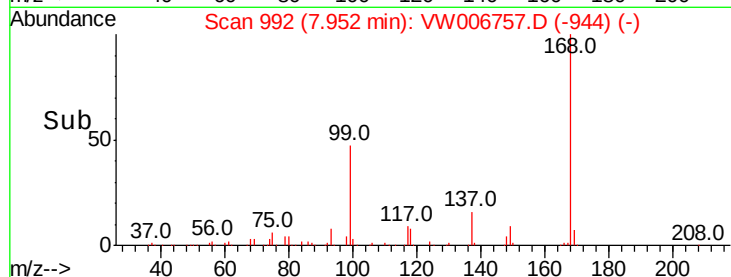
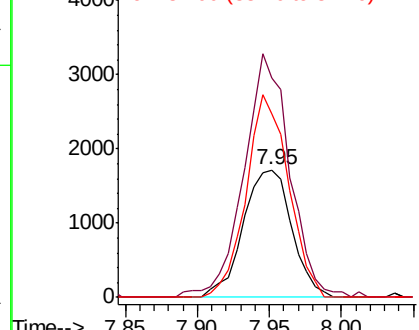
56 100

69 167.2 29.0 43.4#

84 144.3 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: 39.082 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006757.D

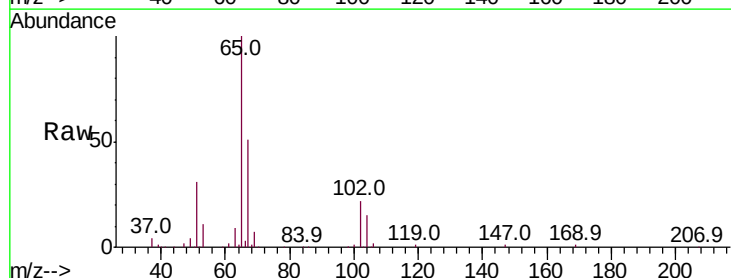
Acq: 08 Nov 2018 00:17

Tgt Ion: 65 Resp: 80798

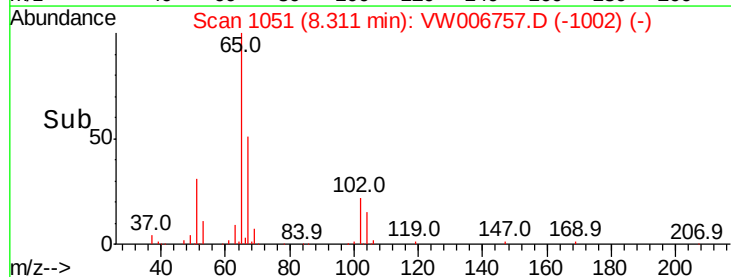
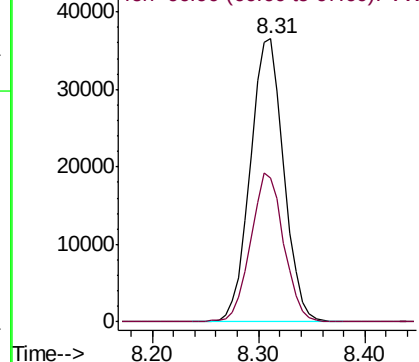
Ion Ratio Lower Upper

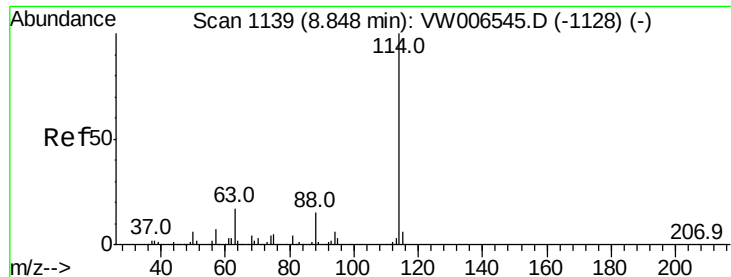
65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

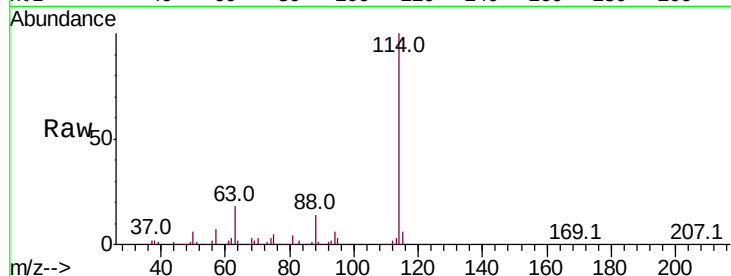




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.4
88	14.2	0.0	29.0

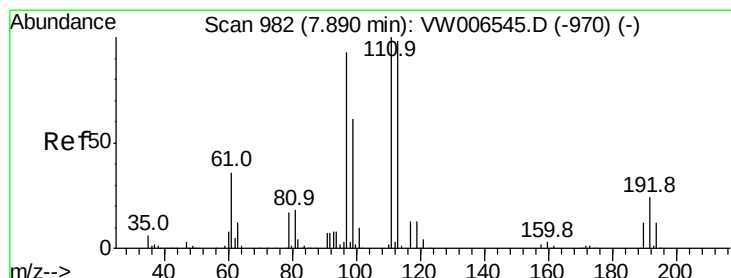
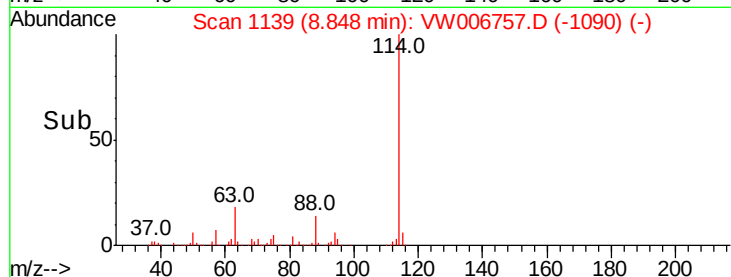
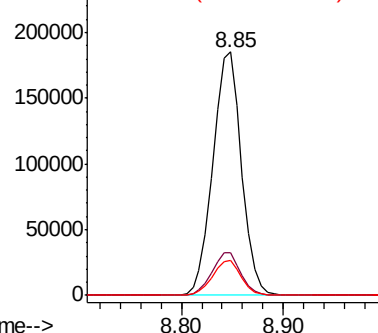


Abundance

Ion 113.90 (113.60 to 114.60): V

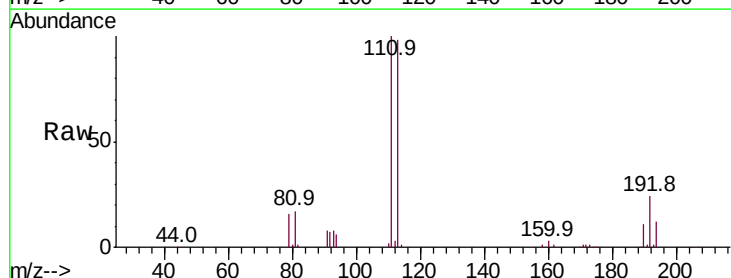
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 36.890 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	24.3	19.0	28.6

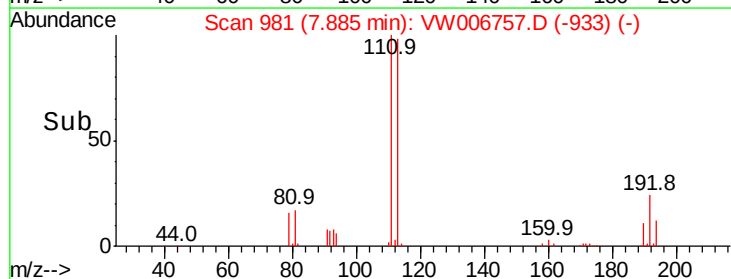
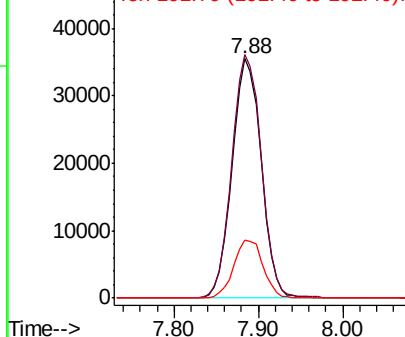


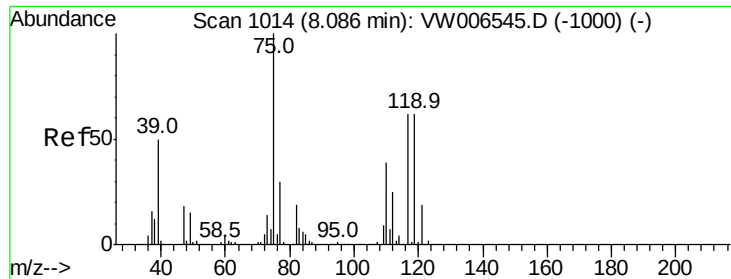
Abundance

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

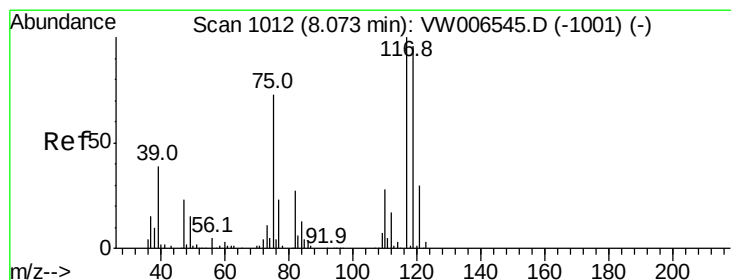
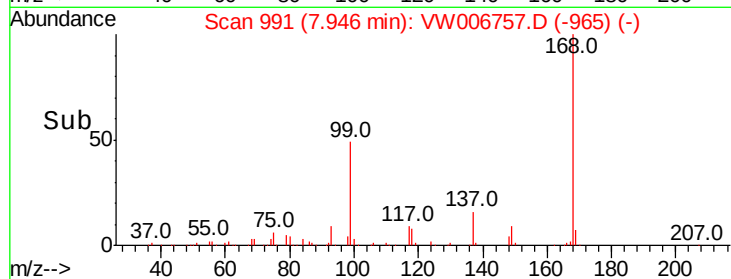
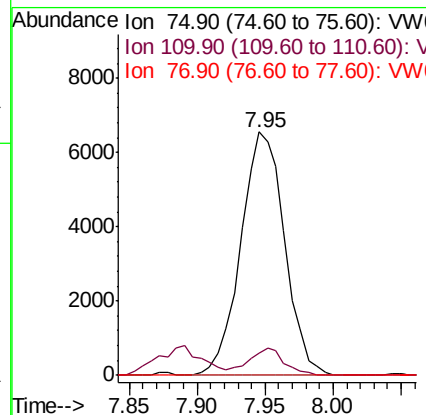
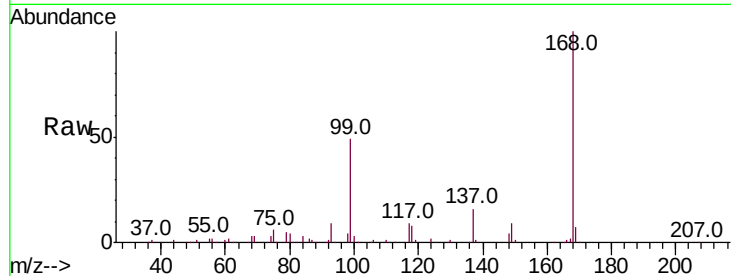




#36
 1,1-Dichloropropene
 Concen: 4.651 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006757.D
 Acq: 08 Nov 2018 00:17

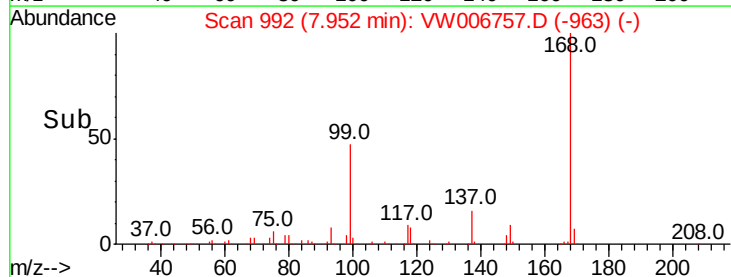
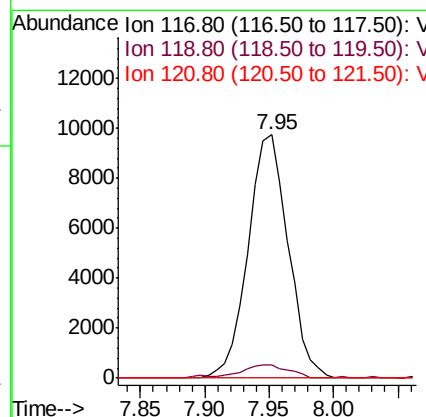
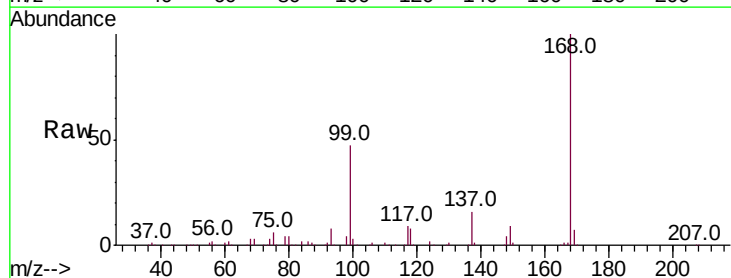
Instrument :
 MSVOA_W
 ClientSampled :

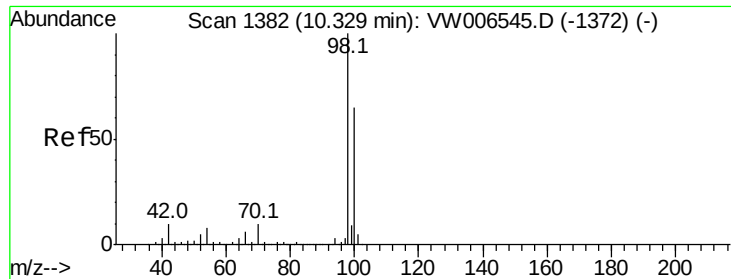
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.343 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006757.D
 Acq: 08 Nov 2018 00:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	24.1	36.1#

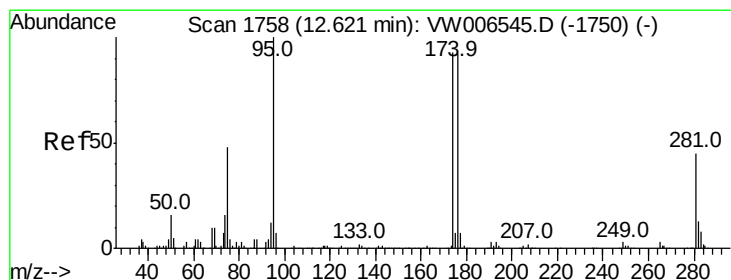
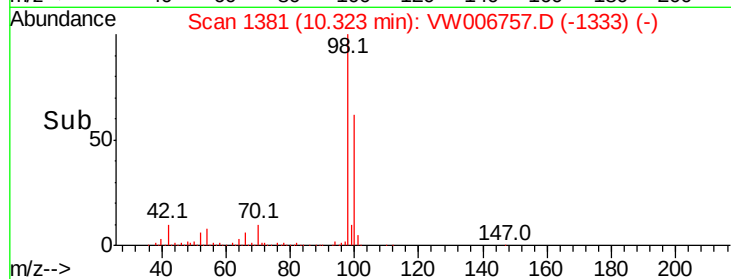
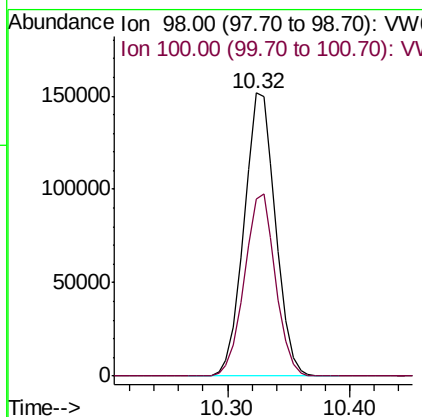
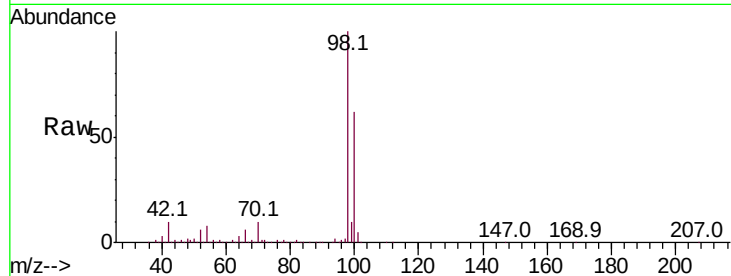




#50
Toluene-d8
Concen: 31.466 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

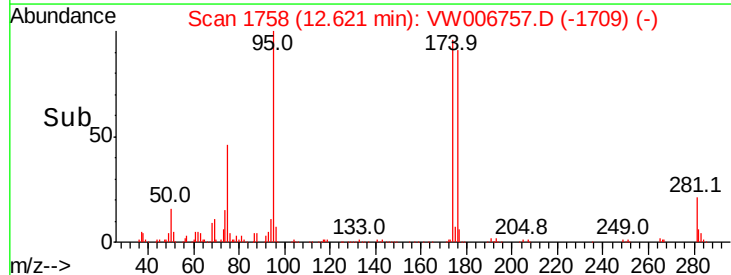
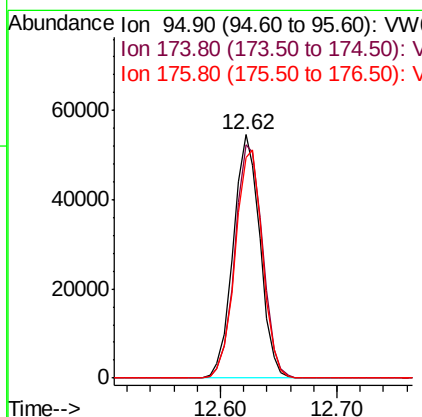
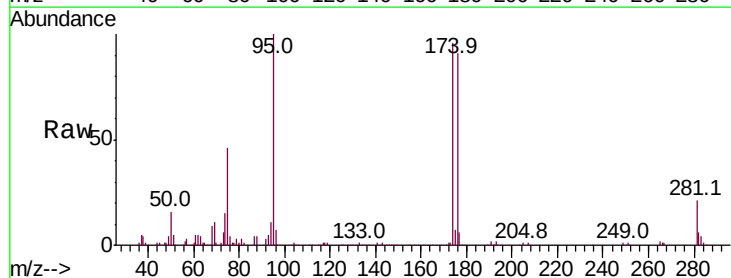
Instrument :
MSVOA_W
ClientSampleId :

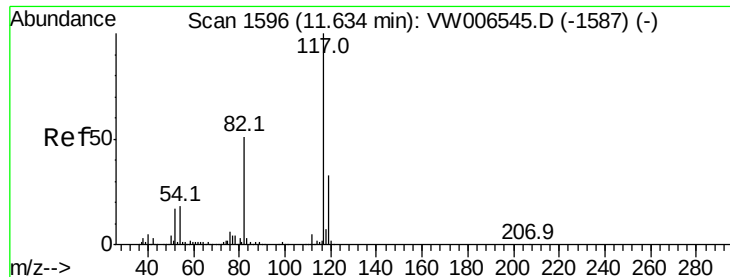
Tot Ion: 98 Resp: 270186
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 27.976 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

Tgt Ion: 95 Resp: 87087
Ion Ratio Lower Upper
95 100
174 99.7 0.0 192.4
176 95.9 0.0 187.4

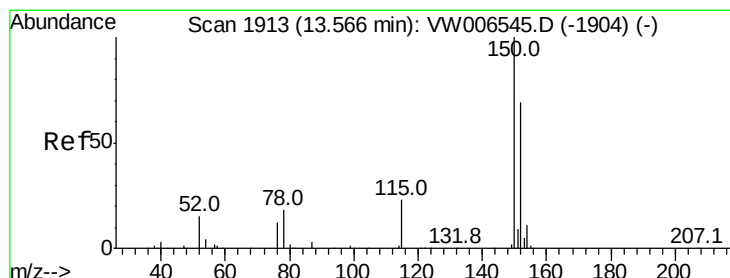
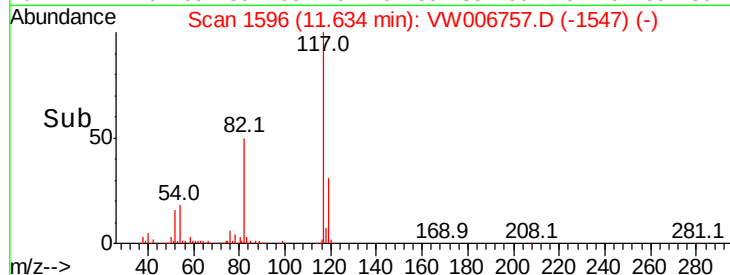
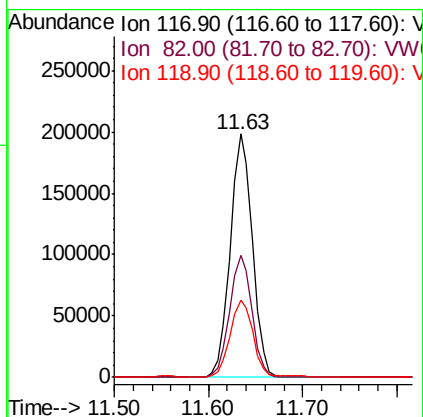
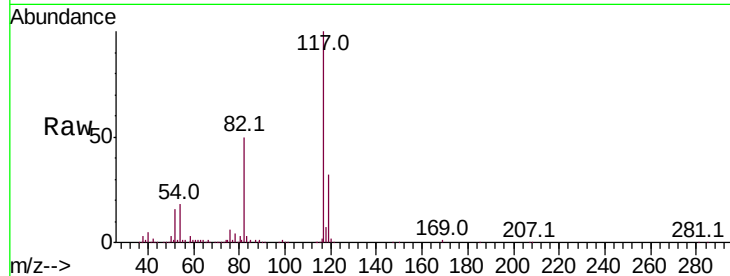




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

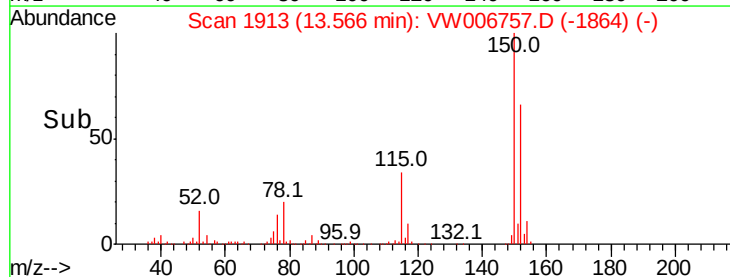
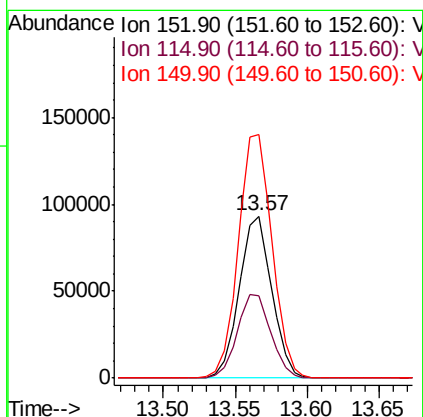
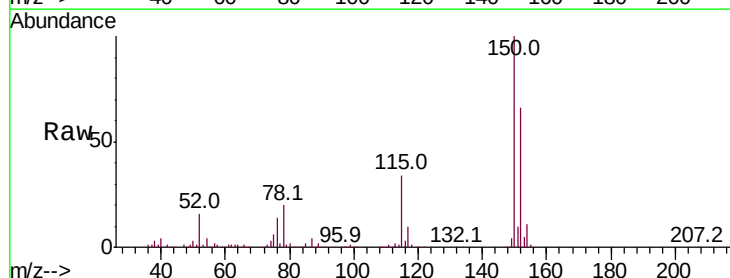
Instrument :
MSVOA_W
ClientSampled :

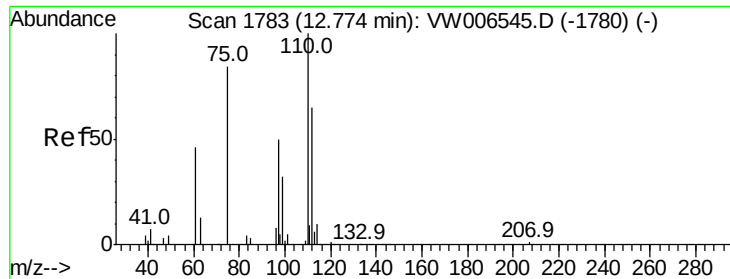
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.8	61.2
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006757.D
Acq: 08 Nov 2018 00:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.6	79.8
150	155.9	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 36.770 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006757.D

Acq: 08 Nov 2018 00:17

Instrument :

MSVOA_W

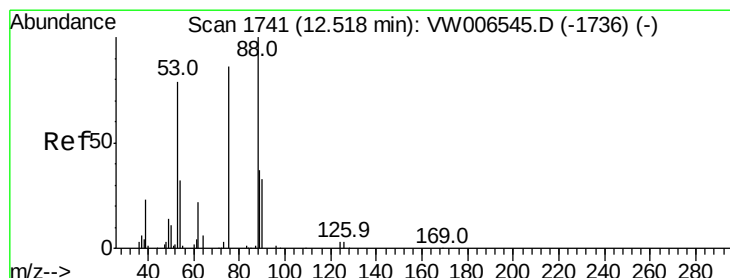
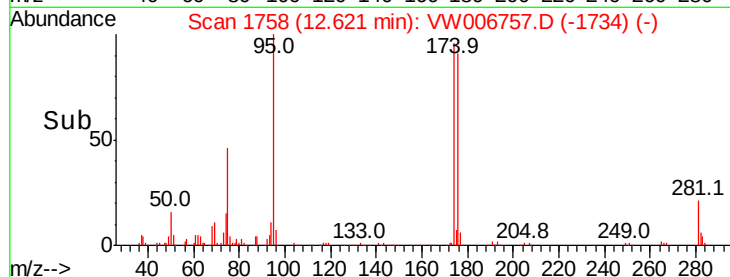
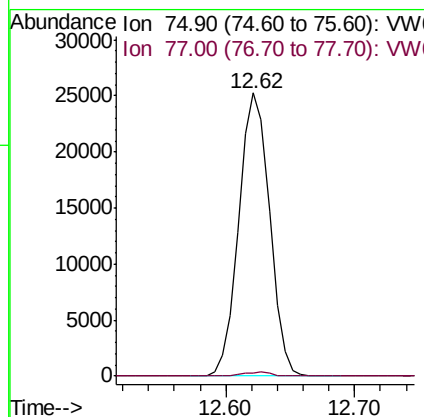
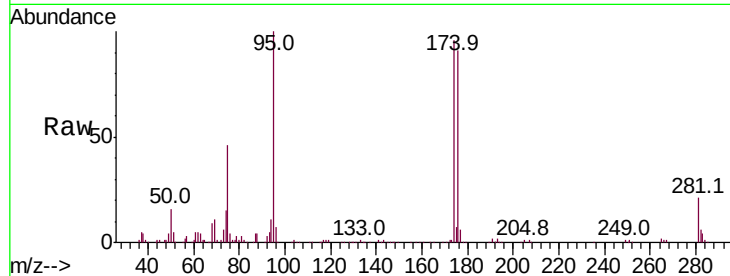
ClientSampleId :

Tot Ion: 75 Resp: 41835

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.817 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006757.D

Acq: 08 Nov 2018 00:17

Tgt Ion: 75 Resp: 41835

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

