

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006570.D
 Acq On : 01 Nov 2018 19:59
 Operator : SY/AP
 Sample : J5700-02
 Misc : 5.48G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-2

Quant Time: Nov 02 04:01:15 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

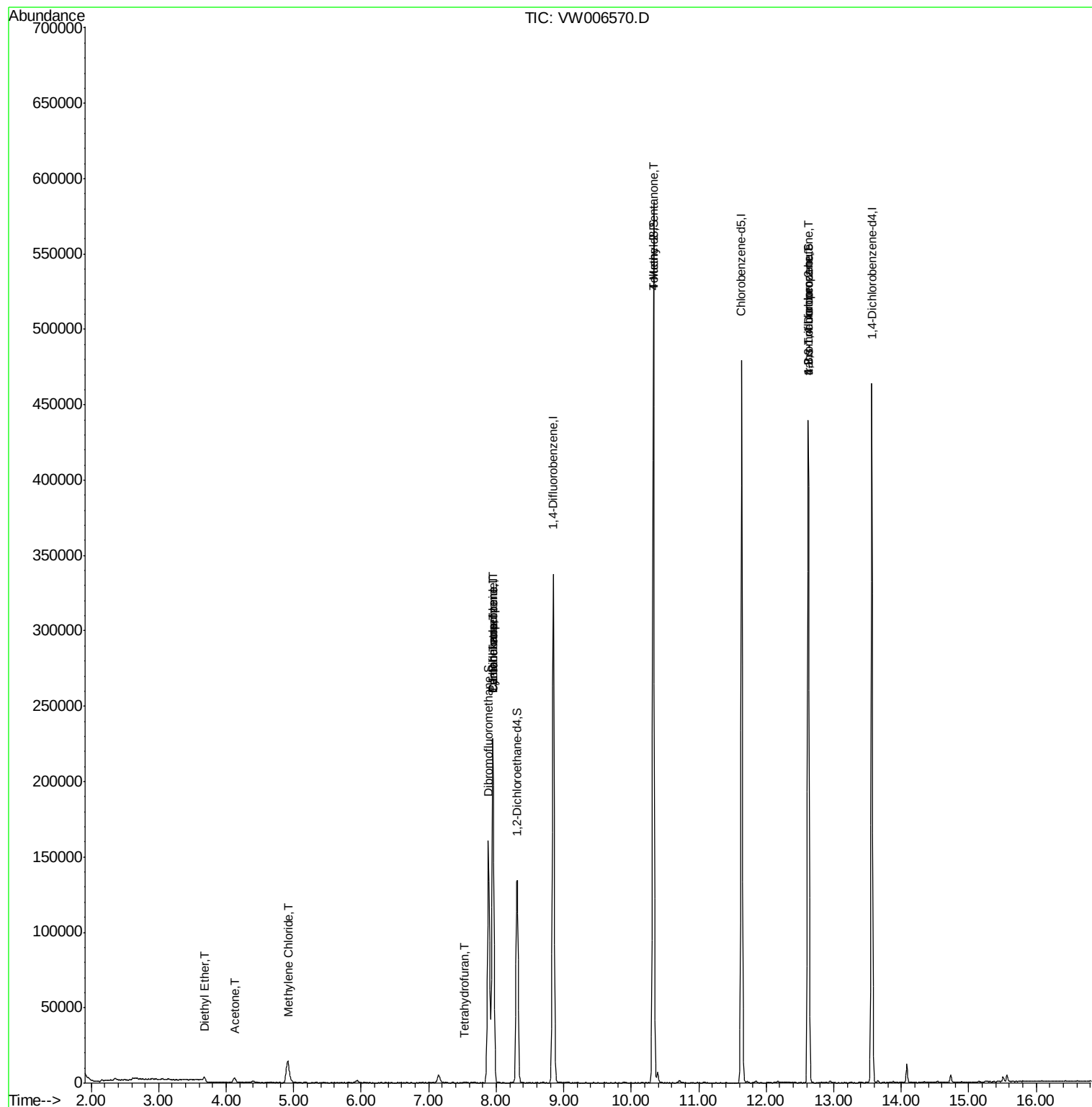
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	307279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110510	69.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.26%	
35) Dibromofluoromethane	7.89	113	112793	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
50) Toluene-d8	10.33	98	404807	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.62	95	130030	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
8) Diethyl Ether	3.68	74	2003	2.491	ug/l	92
16) Acetone	4.12	43	5921	22.940	ug/l	97
20) Methylene Chloride	4.92	84	12678	1.824	ug/l	98
29) Tetrahydrofuran	7.52	42	234	1.010	ug/l #	42
31) Cyclohexane	7.95	56	3122	1.226	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11388	4.214	ug/l #	48
38) Carbon Tetrachloride	7.95	117	16014	5.671	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1577	1.643	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	64827	61.972	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	64827	154.609	ug/l #	11

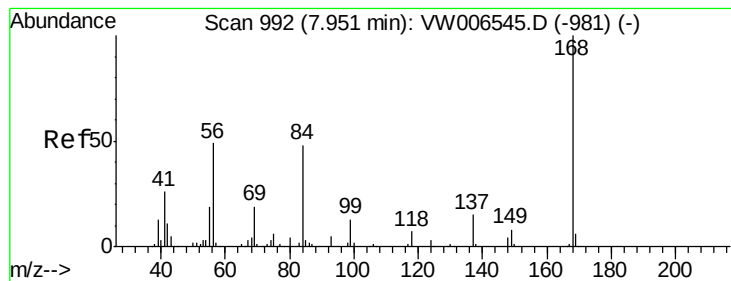
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
Data File : VW006570.D
Acq On : 01 Nov 2018 19:59
Operator : SY/AP
Sample : J5700-02
Misc : 5.48G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SI-2

Quant Time: Nov 02 04:01:15 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: VW006570.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampled :

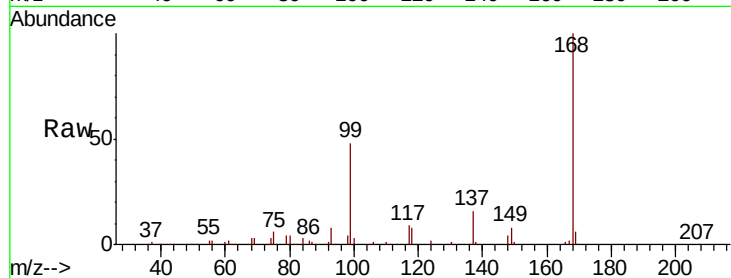
SI-2

Tgt Ion:168 Resp: 185979

Ion Ratio Lower Upper

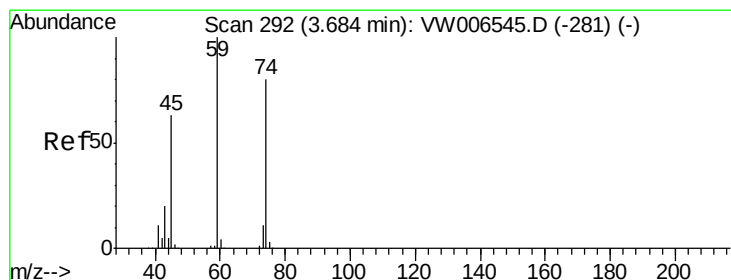
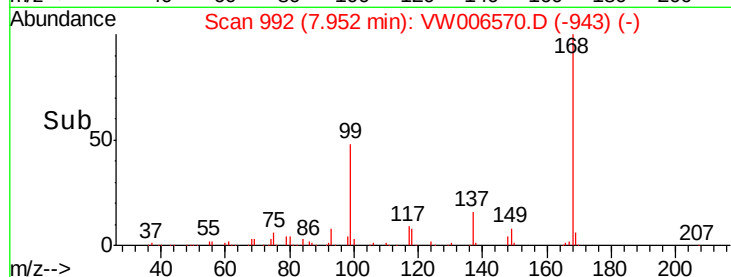
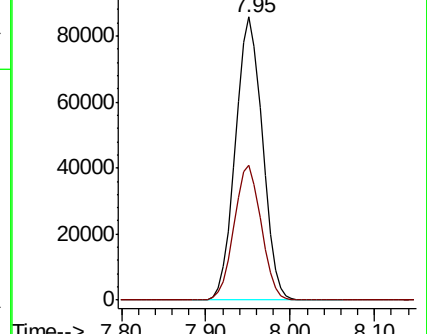
168 100

99 47.8 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.491 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006570.D

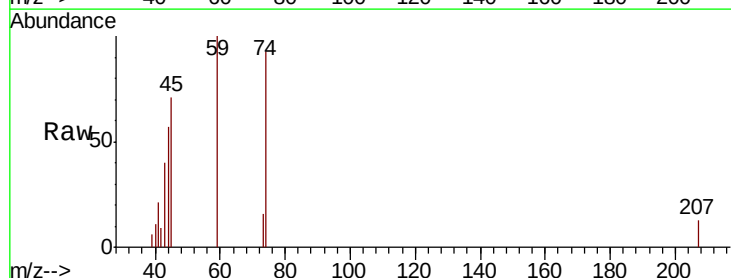
Acq: 01 Nov 2018 19:59

Tgt Ion: 74 Resp: 2003

Ion Ratio Lower Upper

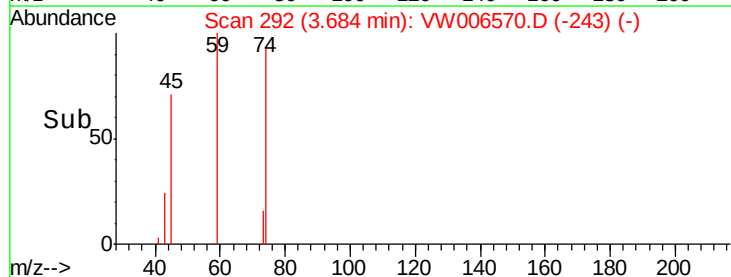
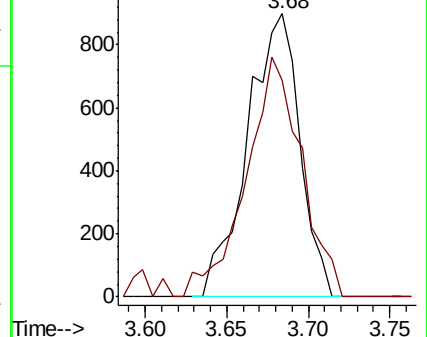
74 100

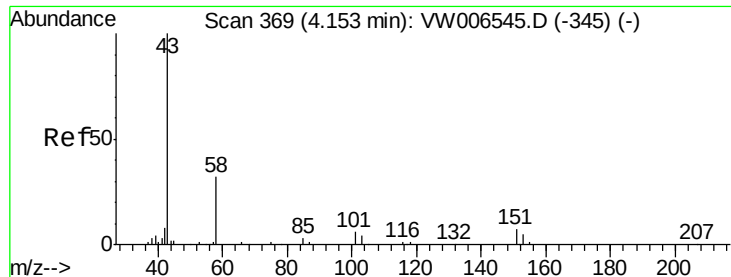
45 89.9 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 22.940 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006570.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampled :

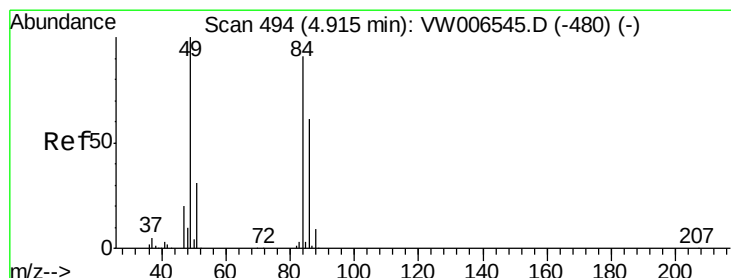
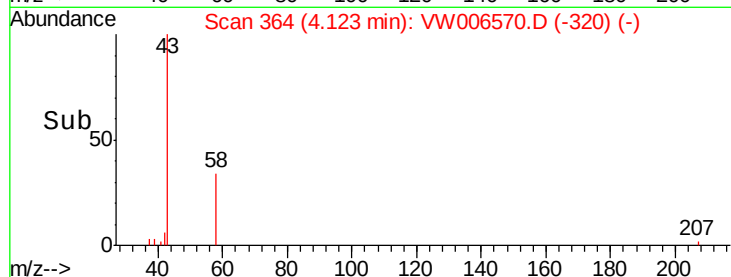
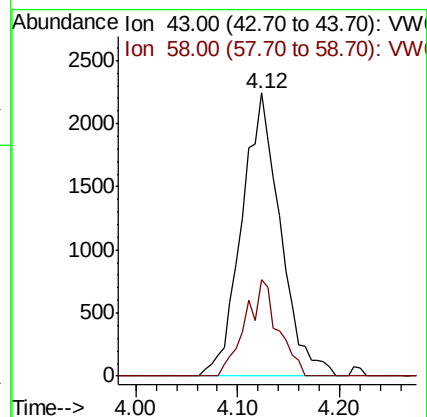
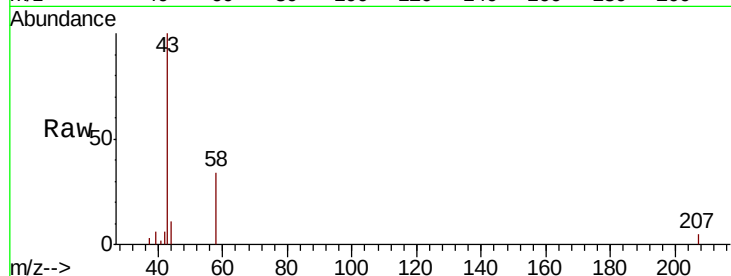
SI-2

Tgt Ion: 43 Resp: 5921

Ion Ratio Lower Upper

43 100

58 34.0 25.8 38.8



#20

Methylene Chloride

Concen: 1.824 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006570.D

Acq: 01 Nov 2018 19:59

Tgt Ion: 84 Resp: 12678

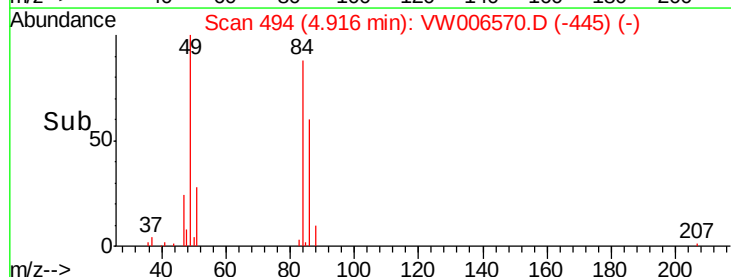
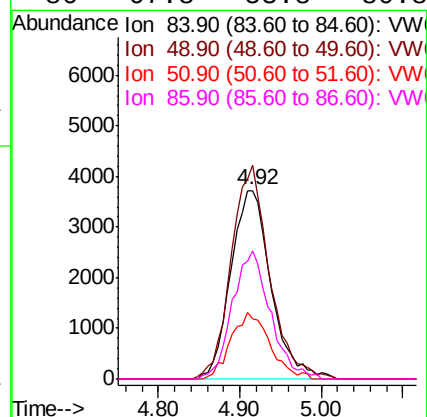
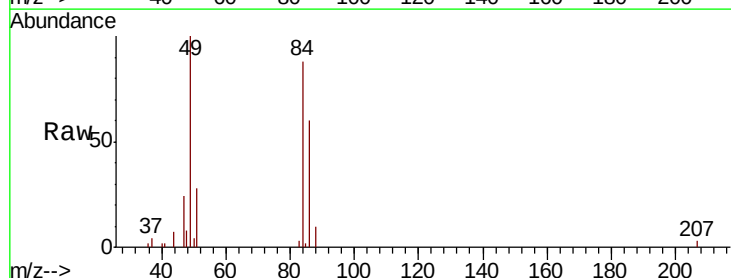
Ion Ratio Lower Upper

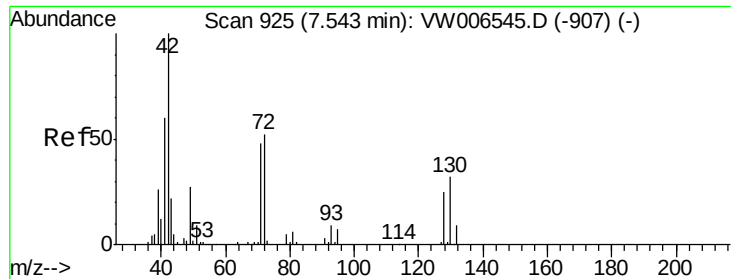
84 100

49 113.2 88.2 132.4

51 32.1 27.0 40.6

86 67.8 53.8 80.8

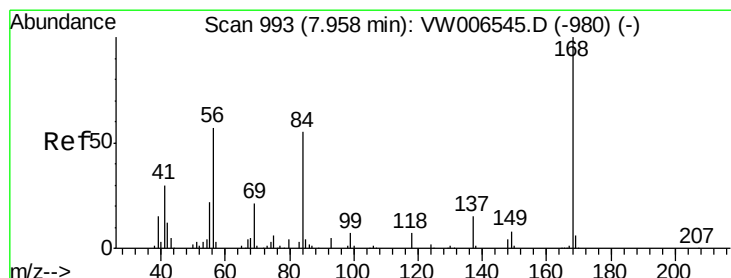
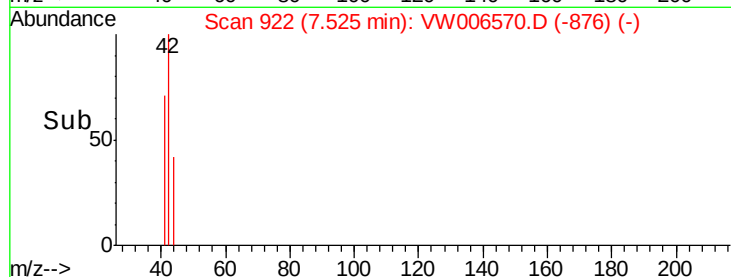
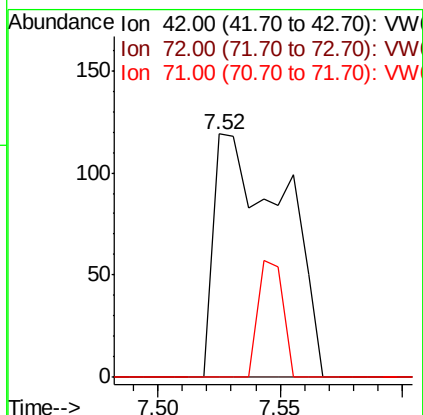
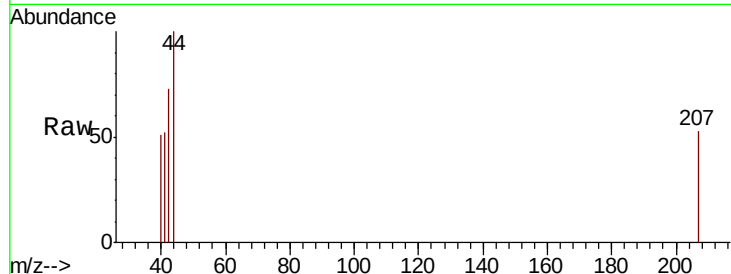




#29
Tetrahydrofuran
Concen: 1.010 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.02 min
Lab File: VW006570.D
Acq: 01 Nov 2018 19:59

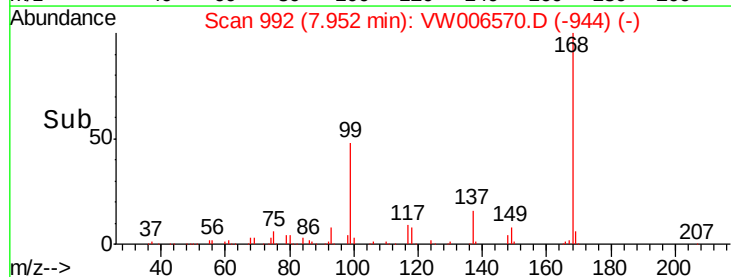
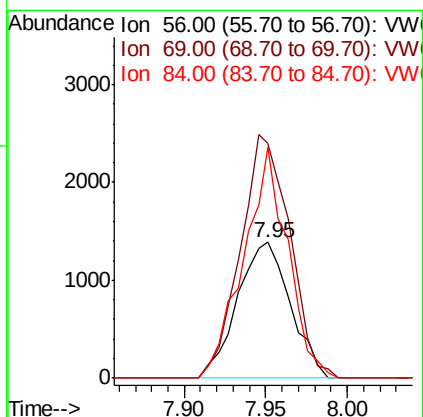
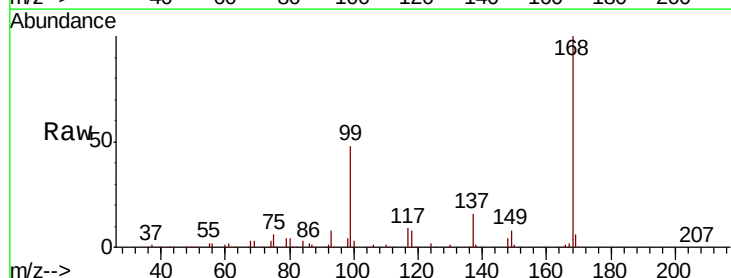
Instrument :
MSVOA_W
ClientSampleId :
SI-2

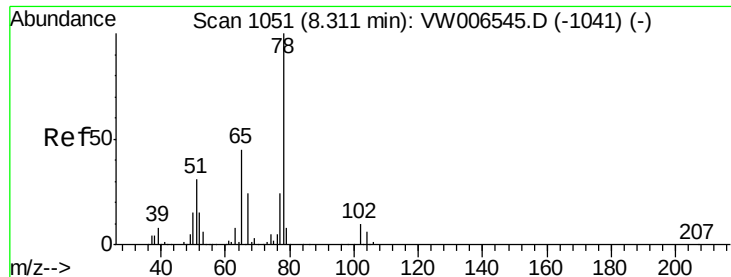
Tgt Ion: 42 Resp: 234
Ion Ratio Lower Upper
42 100
72 0.0 39.2 58.8#
71 17.5 37.6 56.4#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006570.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 56 Resp: 3122
Ion Ratio Lower Upper
56 100
69 172.7 29.0 43.4#
84 170.1 77.8 116.6#

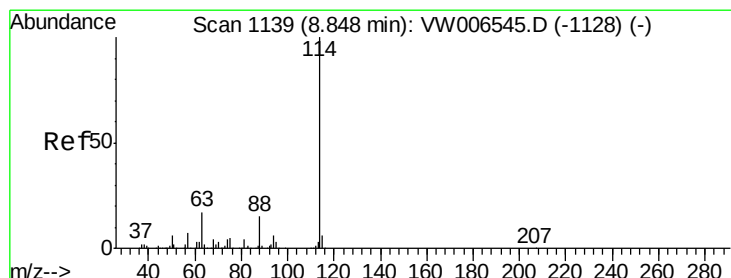
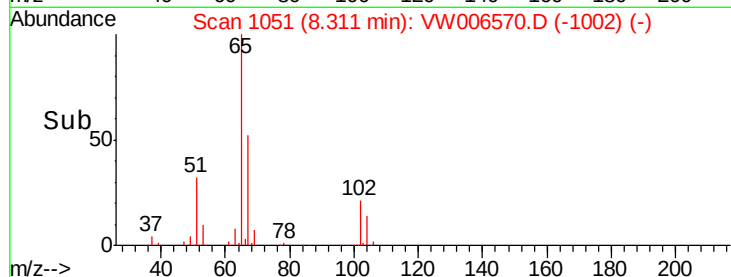
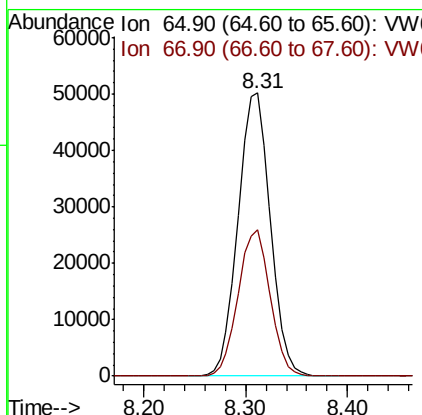
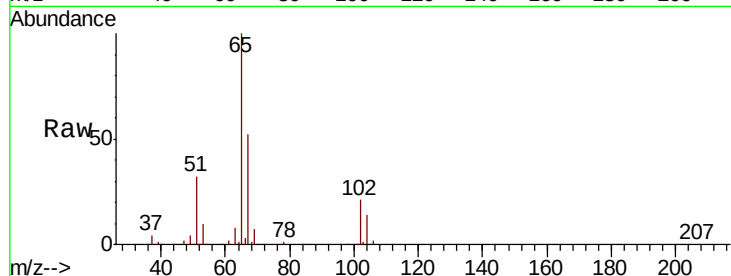




#33
 1,2-Dichloroethane-d4
 Concen: 69.126 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006570.D
 Acq: 01 Nov 2018 19:59

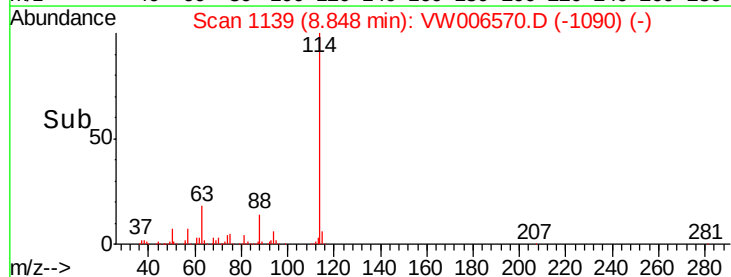
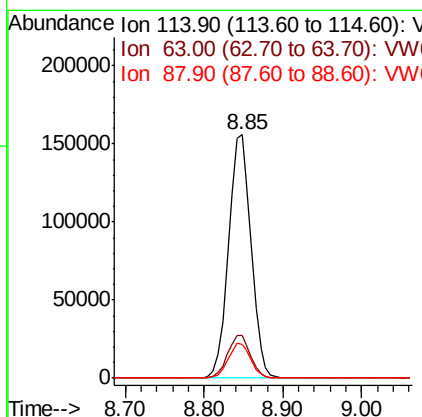
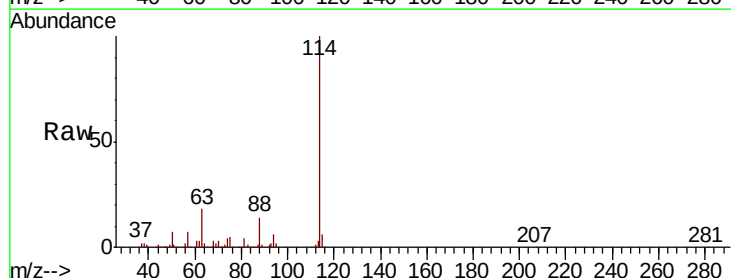
Instrument :
 MSVOA_W
 ClientSampled :
 SI-2

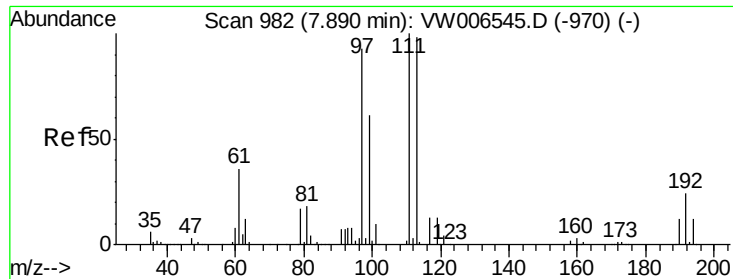
Tgt Ion: 65 Resp: 110510
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006570.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 114 Resp: 307279
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 13.6 0.0 29.0

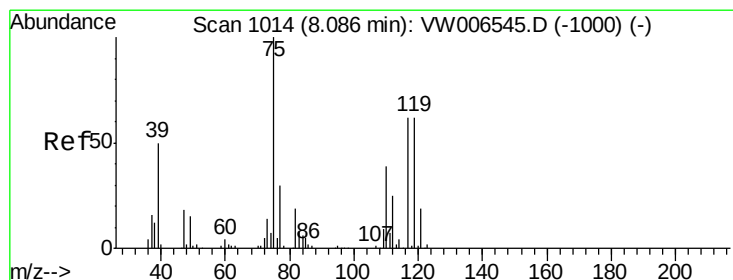
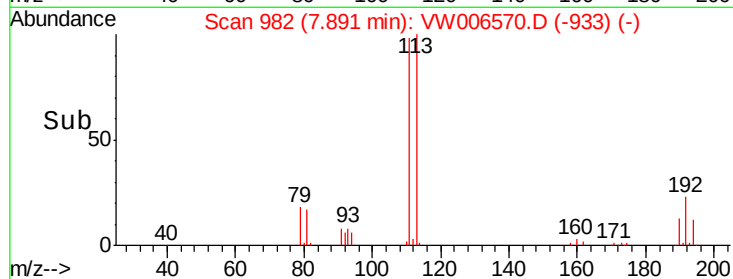
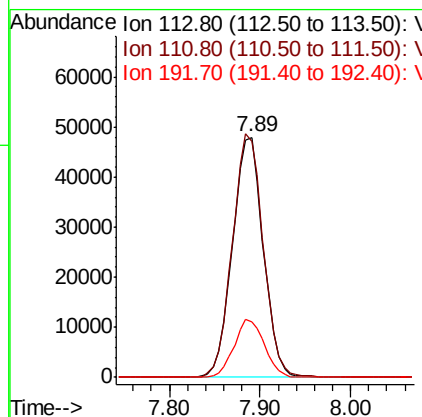
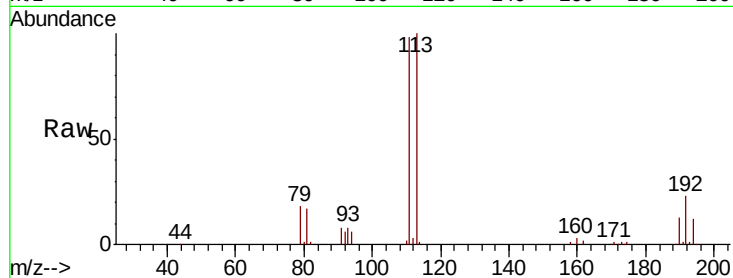




#35
 Dibromofluoromethane
 Concen: 58.490 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006570.D
 Acq: 01 Nov 2018 19:59

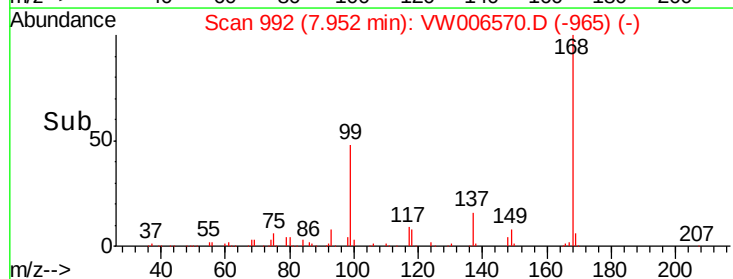
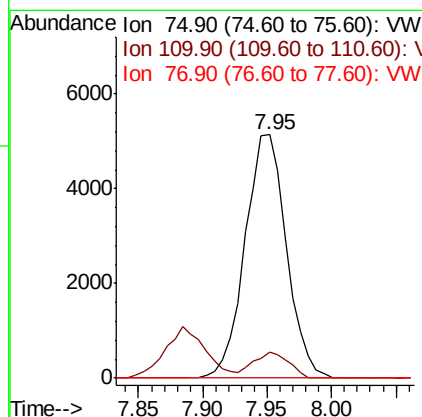
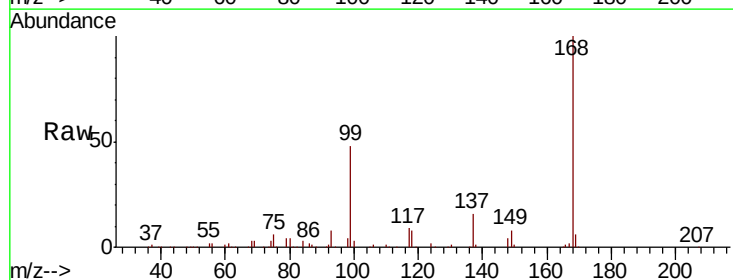
Instrument :
 MSVOA_W
 ClientSampled :
 SI-2

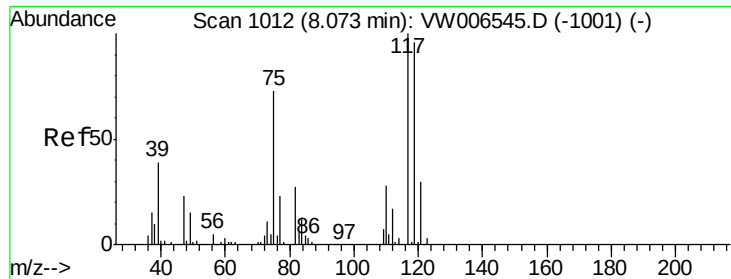
Tgt Ion: 113 Resp: 112793
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 23.7 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.214 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006570.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 75 Resp: 11388
 Ion Ratio Lower Upper
 75 100
 110 9.0 19.5 58.5#
 77 0.0 24.6 37.0#

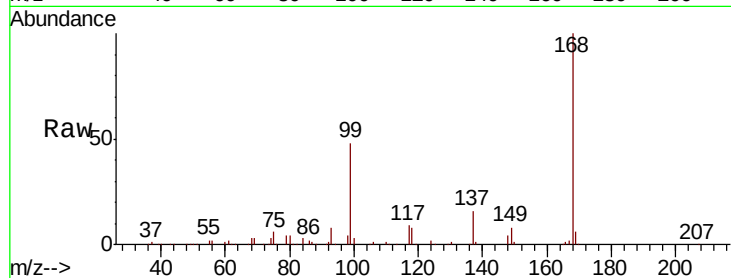




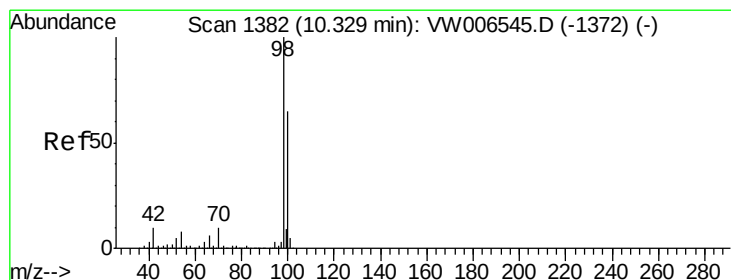
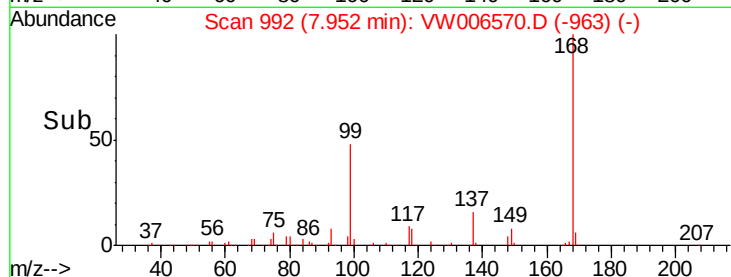
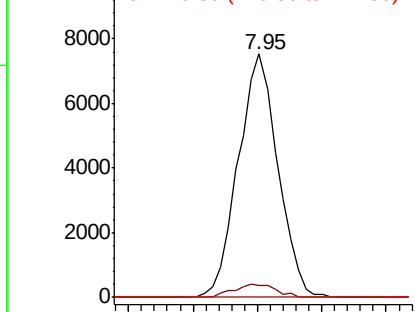
#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006570.D
Acq: 01 Nov 2018 19:59

Instrument :
MSVOA_W
ClientSampled :
SI-2

Tgt Ion:117 Resp: 16014
Ion Ratio Lower Upper
117 100
119 5.1 76.3 114.5#
121 0.0 24.1 36.1#

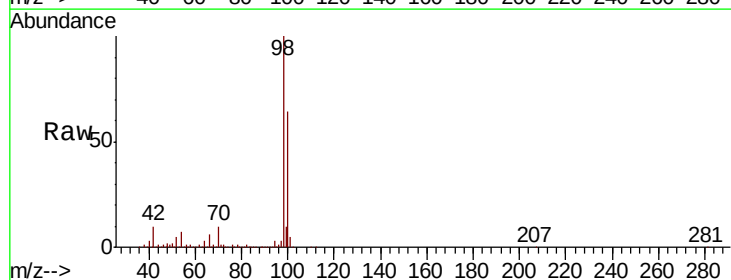


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

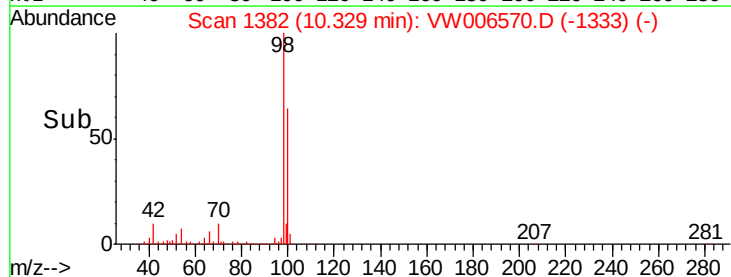
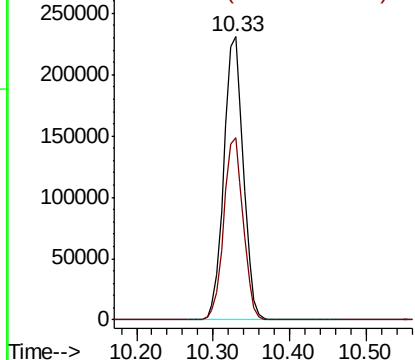


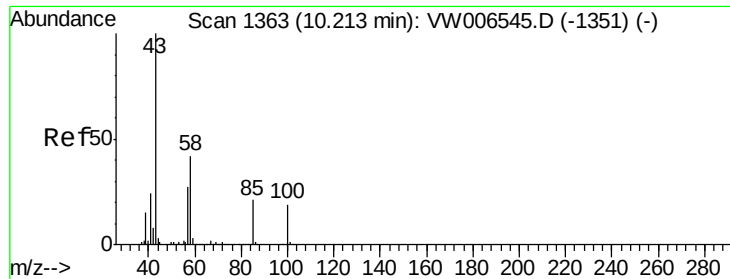
#50
Toluene-d8
Concen: 55.142 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006570.D
Acq: 01 Nov 2018 19:59

Tgt Ion: 98 Resp: 404807
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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: 1.643 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006570.D

Acq: 01 Nov 2018 19:59

Instrument :

MSVOA_W

ClientSampled :

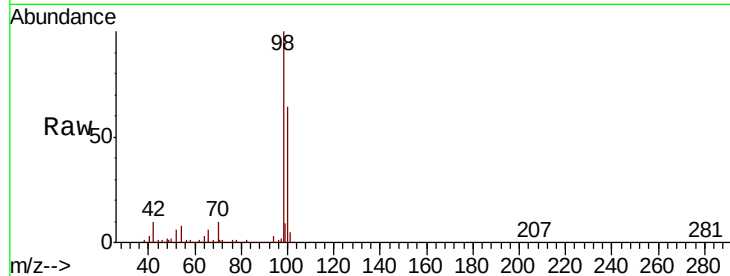
SI-2

Tgt Ion: 43 Resp: 1577

Ion Ratio Lower Upper

43 100

58 185.2 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

1500

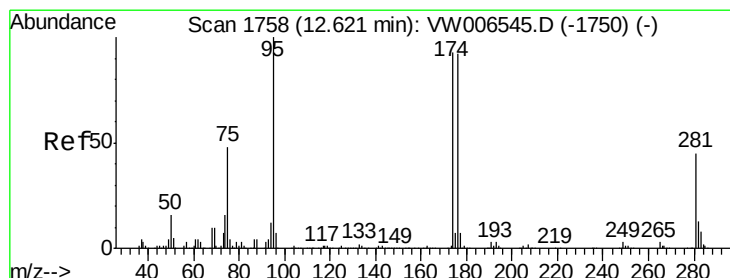
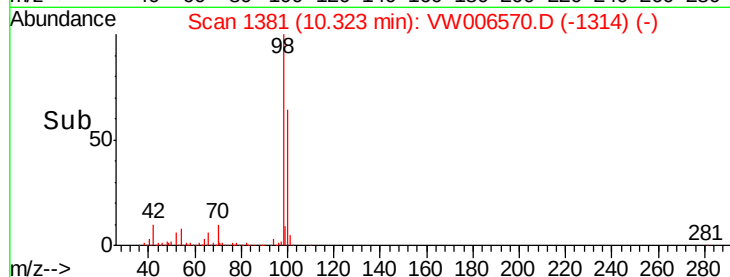
1000

500

0

10.32

Time-->



#62

4-Bromofluorobenzene

Concen: 48.857 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006570.D

Acq: 01 Nov 2018 19:59

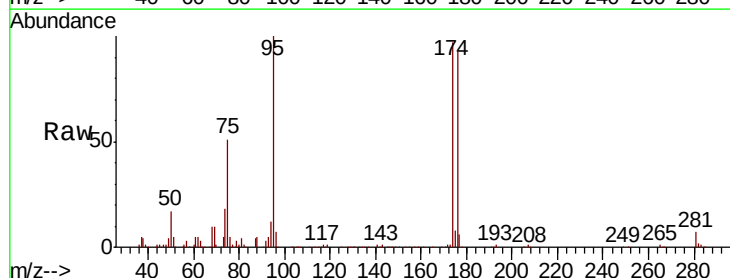
Tgt Ion: 95 Resp: 130030

Ion Ratio Lower Upper

95 100

174 99.1 0.0 192.4

176 95.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

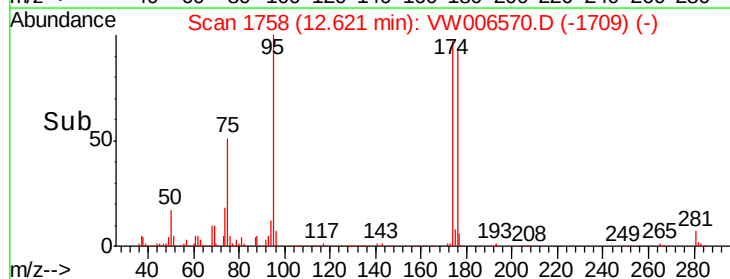
40000

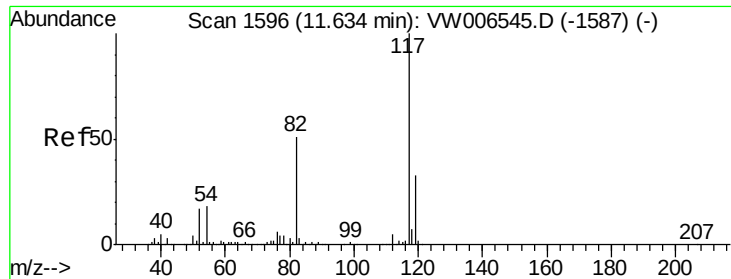
20000

0

12.62

Time-->

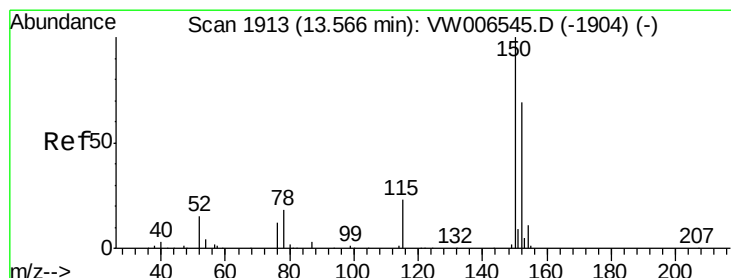
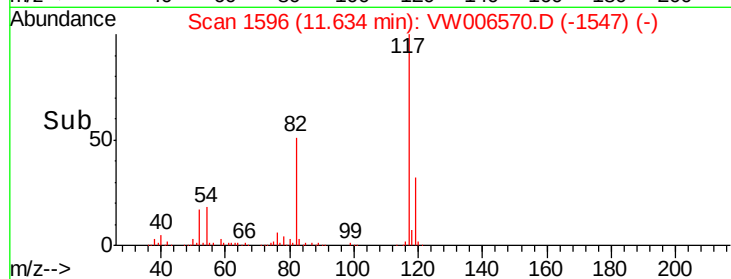
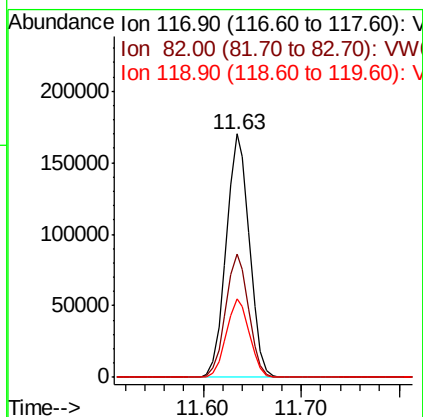
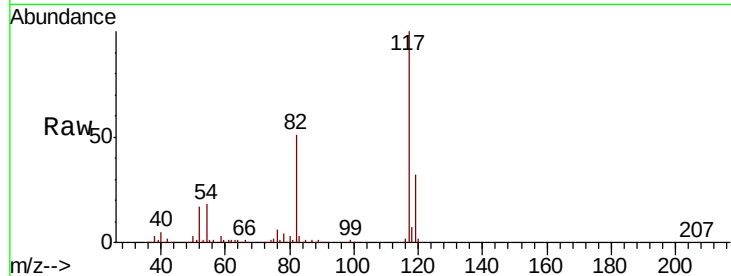




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006570.D
Acq: 01 Nov 2018 19:59

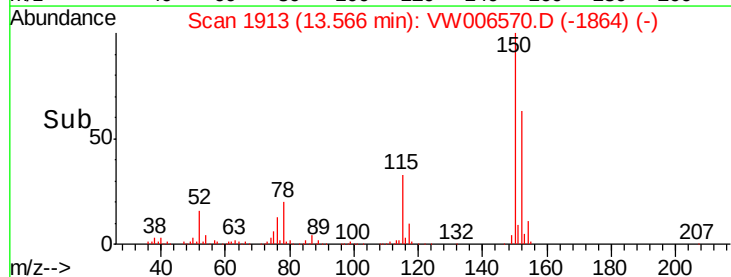
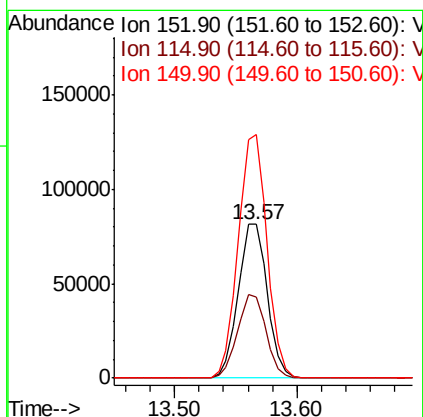
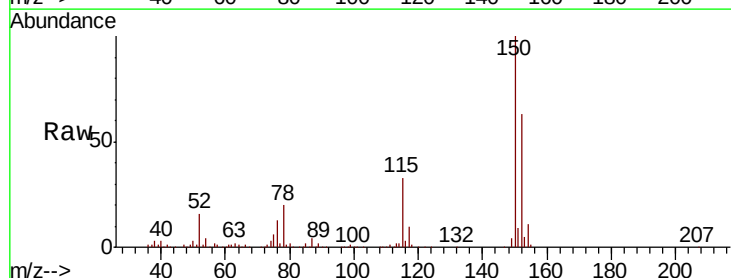
Instrument :
MSVOA_W
ClientSampleId :
SI-2

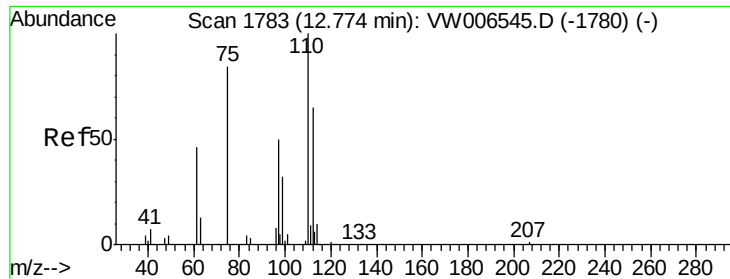
Tgt Ion:117 Resp: 279352
Ion Ratio Lower Upper
117 100
82 50.5 40.8 61.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006570.D
Acq: 01 Nov 2018 19:59

Tgt Ion:152 Resp: 134073
Ion Ratio Lower Upper
152 100
115 53.3 26.6 79.8
150 156.3 0.0 344.6

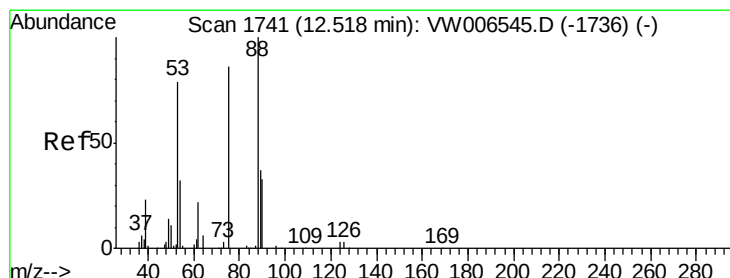
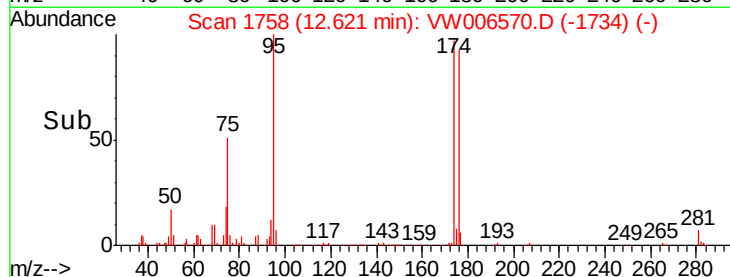
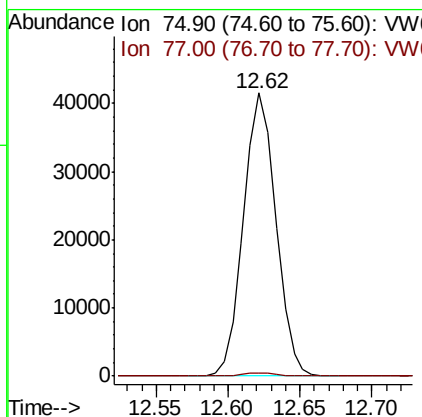
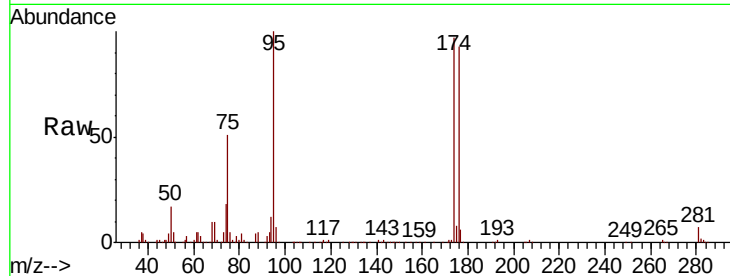




#76
 1,2,3-Trichloropropane
 Concen: 61.972 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006570.D
 Acq: 01 Nov 2018 19:59

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-2

Tgt Ion: 75 Resp: 64827
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.609 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006570.D
 Acq: 01 Nov 2018 19:59

Tgt Ion: 75 Resp: 64827
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.0 38.6 58.0#

