

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006569.D
 Acq On : 01 Nov 2018 19:33
 Operator : SY/AP
 Sample : J5700-01
 Misc : 4.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-1

Quant Time: Nov 02 04:01:07 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

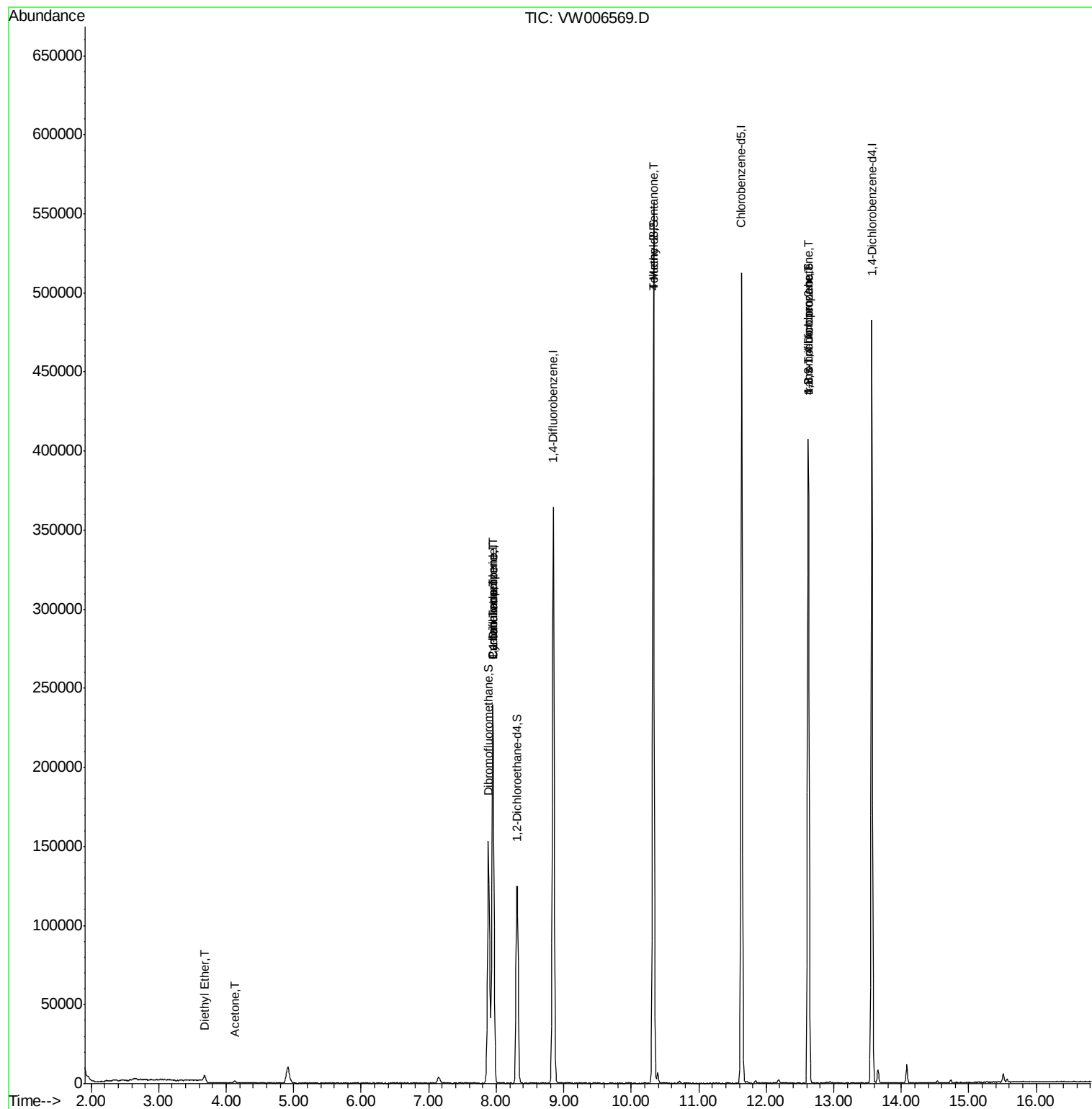
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	330398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103554	61.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.24%	
35) Dibromofluoromethane	7.88	113	106856	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	10.33	98	386486	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.62	95	124049	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
8) Diethyl Ether	3.67	74	2884	3.384	ug/l	91
16) Acetone	4.12	43	2250	8.225	ug/l #	75
20) Methylene Chloride	4.92	84	9429	Below Cal		99
31) Cyclohexane	7.95	56	3461	1.282	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	12216	4.204	ug/l #	48
38) Carbon Tetrachloride	7.95	117	16690	5.497	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1460	1.415	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	61735	57.176	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61735	142.851	ug/l #	11

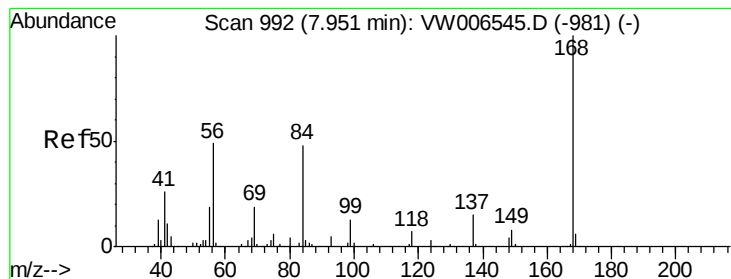
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 02 04:01:07 2018
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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: VW006569.D

Acq: 01 Nov 2018 19:33

Instrument :

MSVOA_W

ClientSampled :

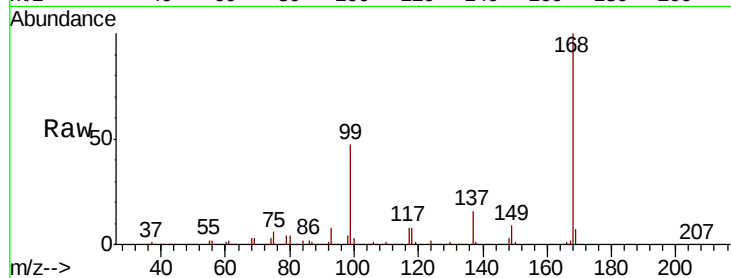
SI-1

Tgt Ion:168 Resp: 197109

Ion Ratio Lower Upper

168 100

99 47.3 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

100000

80000

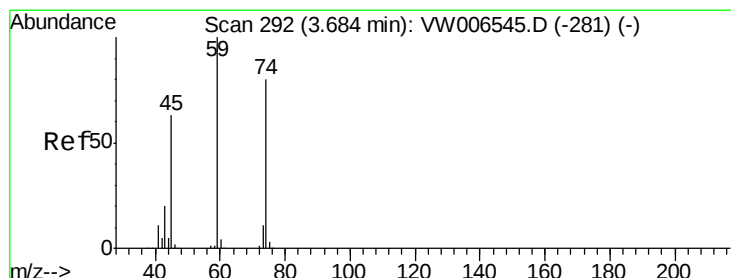
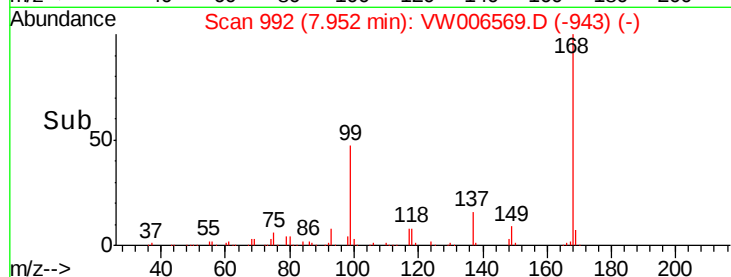
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 3.384 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006569.D

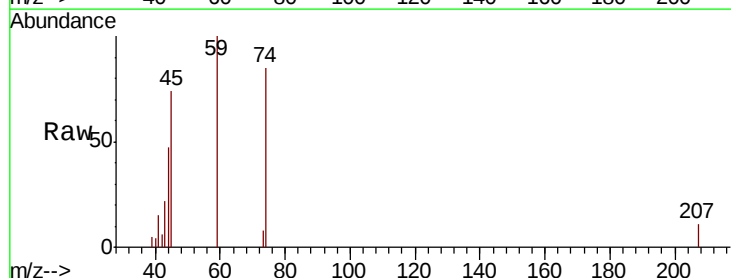
Acq: 01 Nov 2018 19:33

Tgt Ion: 74 Resp: 2884

Ion Ratio Lower Upper

74 100

45 90.1 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

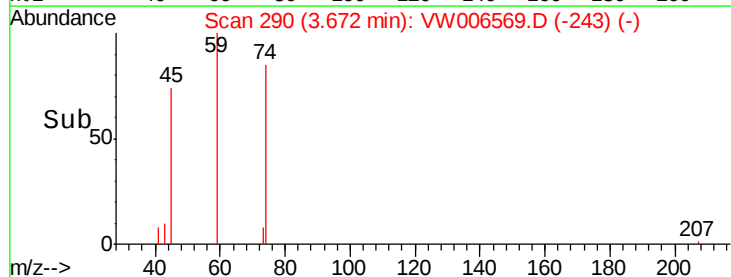
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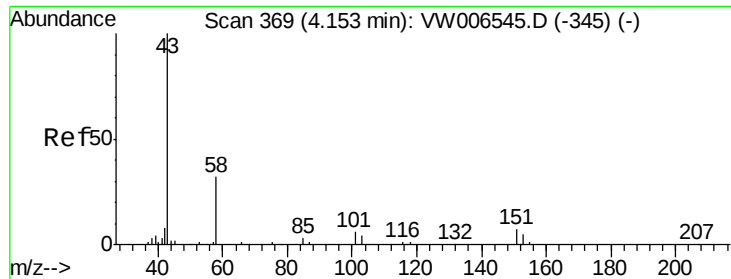
1000

500

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Time-->

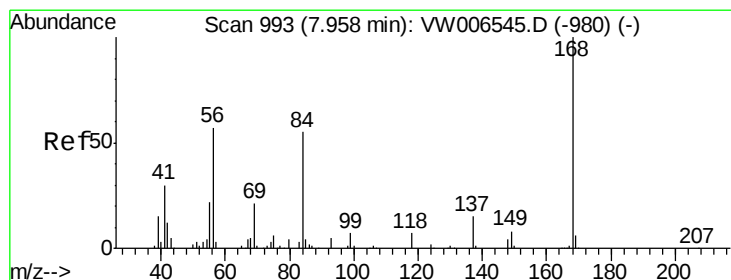
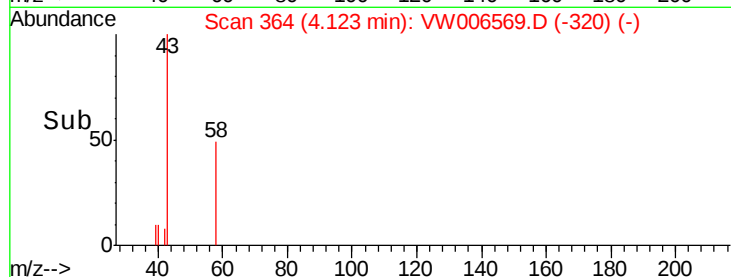
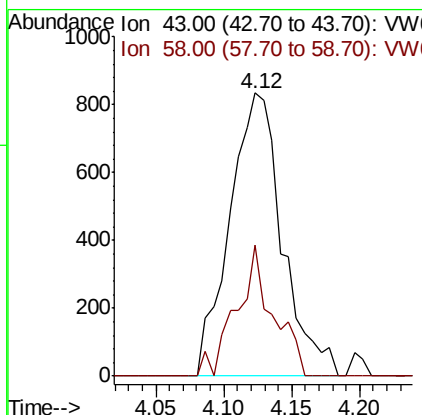
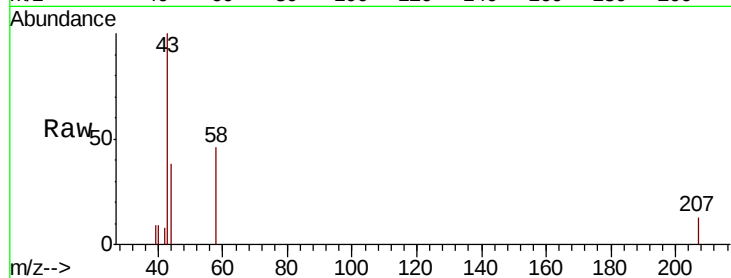




#16
Acetone
Concen: 8.225 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VW006569.D
Acq: 01 Nov 2018 19:33

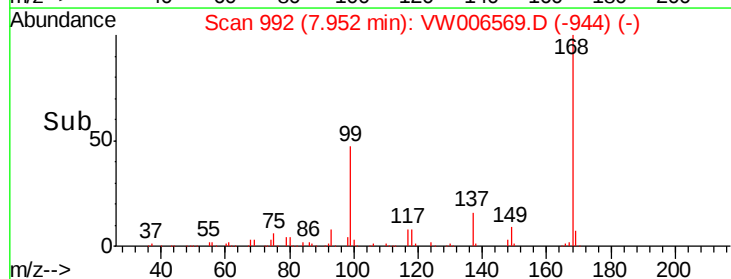
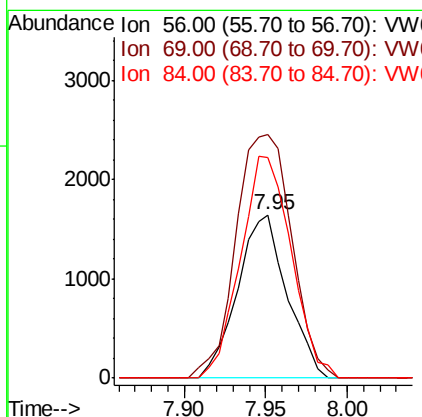
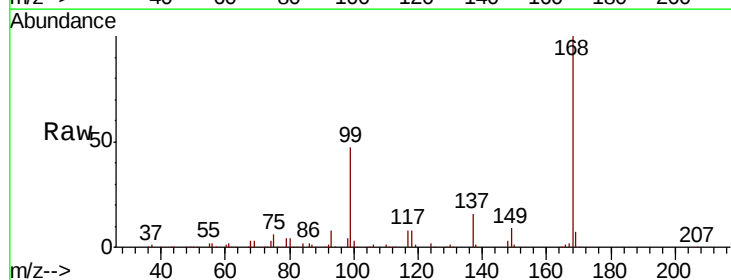
Instrument :
MSVOA_W
ClientSampleId :
SI-1

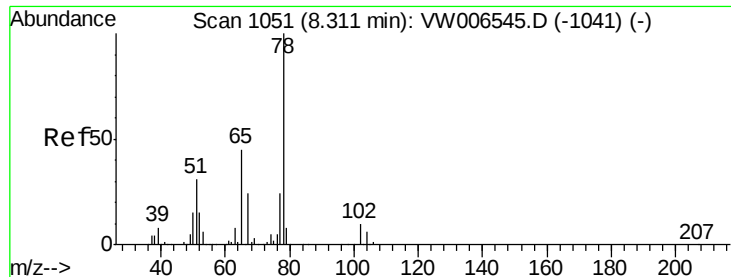
Tgt Ion: 43 Resp: 2250
Ion Ratio Lower Upper
43 100
58 46.2 25.8 38.8#



#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006569.D
Acq: 01 Nov 2018 19:33

Tgt Ion: 56 Resp: 3461
Ion Ratio Lower Upper
56 100
69 149.4 29.0 43.4#
84 135.0 77.8 116.6#

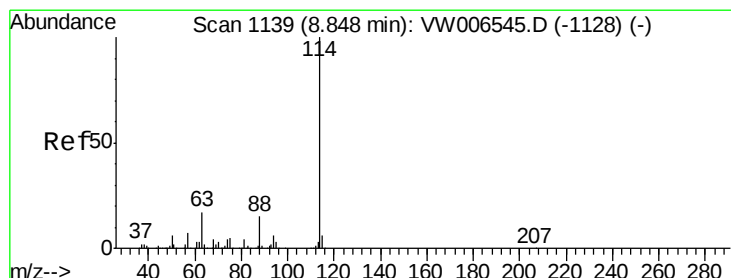
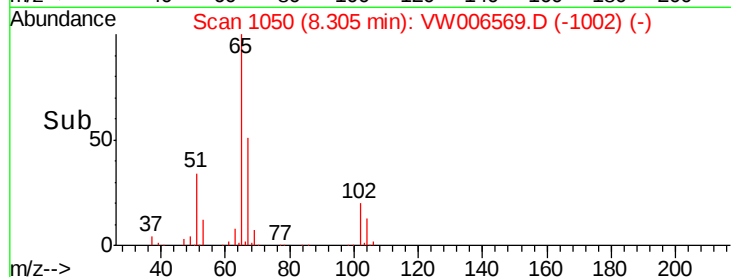
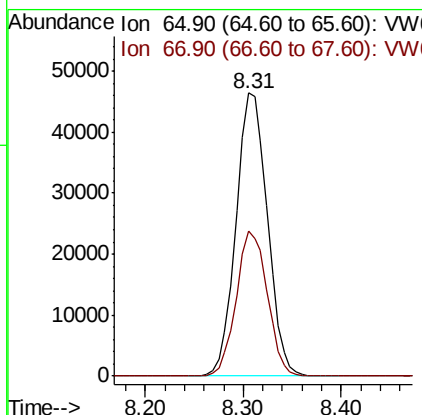
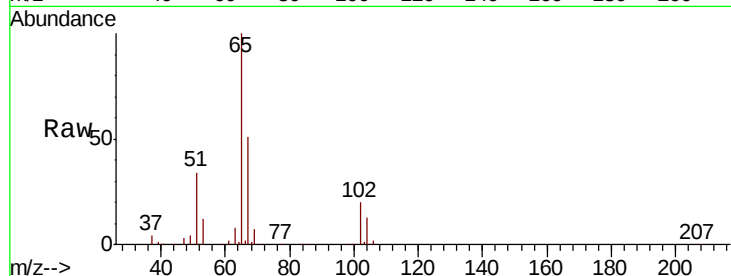




#33
 1,2-Dichloroethane-d4
 Concen: 61.118 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006569.D
 Acq: 01 Nov 2018 19:33

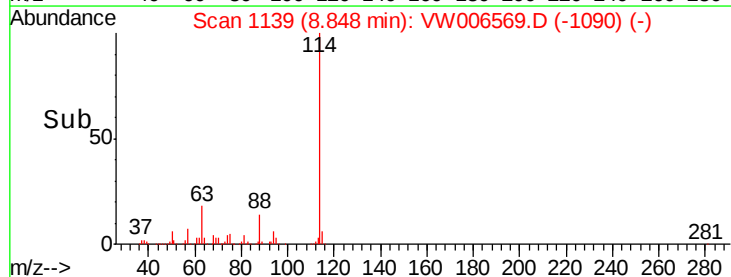
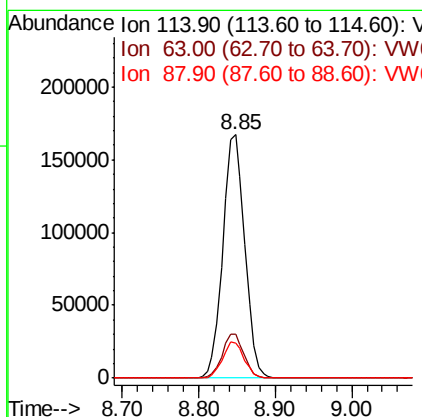
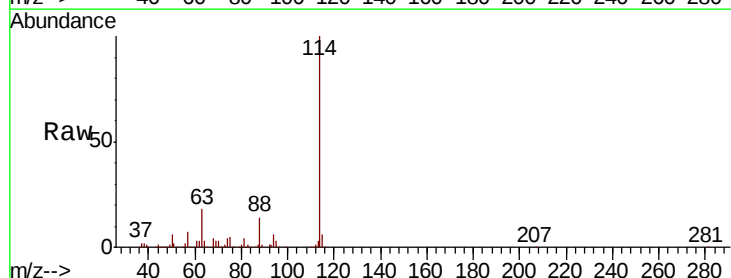
Instrument :
 MSVOA_W
 ClientSampleId :
 SI-1

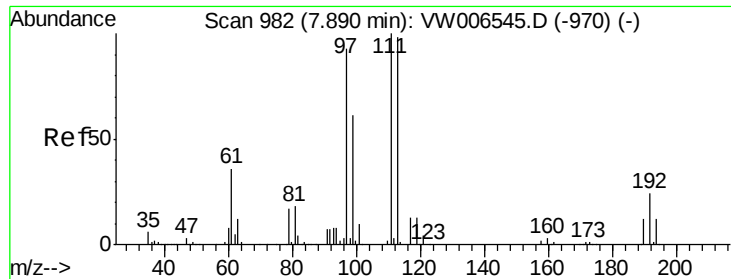
Tgt Ion: 65 Resp: 103554
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006569.D
 Acq: 01 Nov 2018 19:33

Tgt Ion: 114 Resp: 330398
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 14.5 0.0 29.0

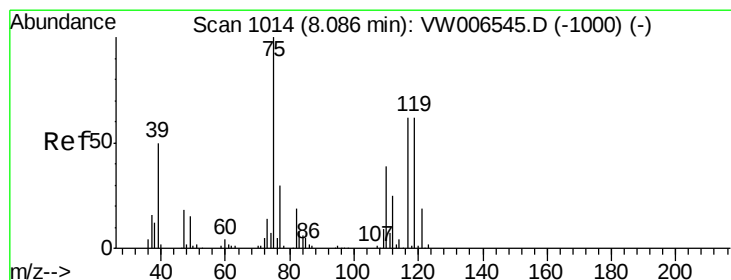
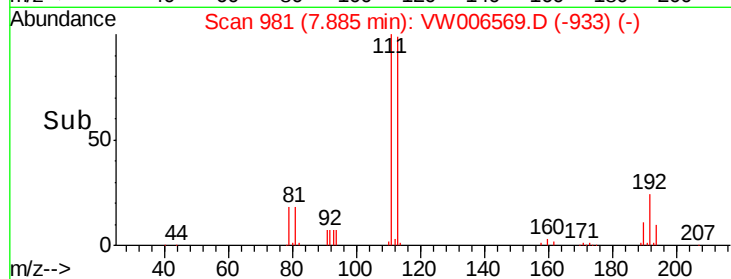
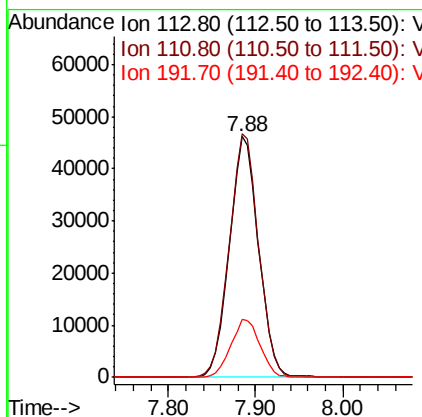
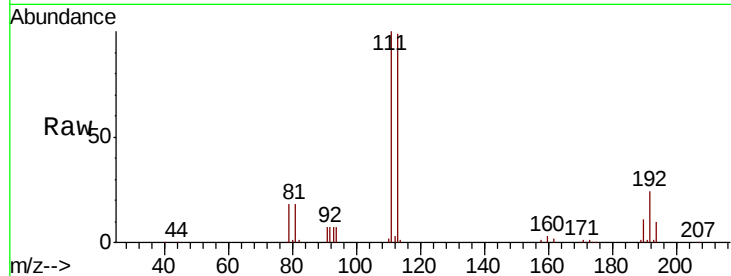




#35
 Dibromofluoromethane
 Concen: 51.534 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006569.D
 Acq: 01 Nov 2018 19:33

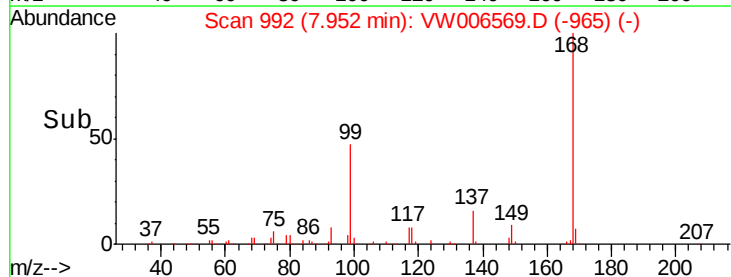
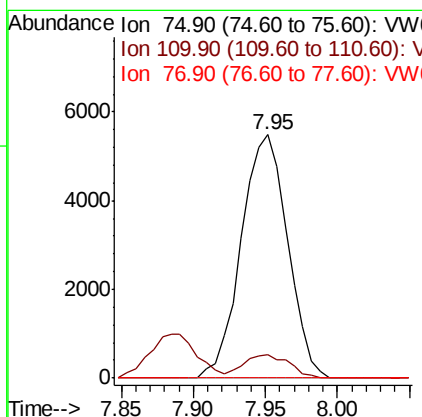
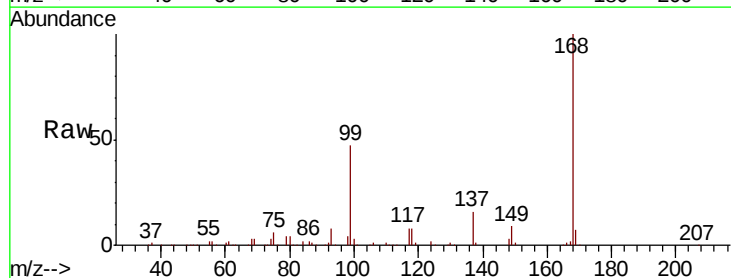
Instrument :
 MSVOA_W
 ClientSampleId :
 SI-1

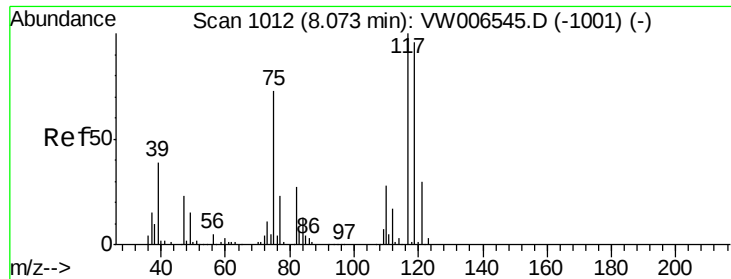
Tgt Ion:113 Resp: 106856
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 24.1 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.204 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006569.D
 Acq: 01 Nov 2018 19:33

Tgt Ion: 75 Resp: 12216
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.497 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006569.D

Acq: 01 Nov 2018 19:33

Instrument :

MSVOA_W

ClientSampled :

SI-1

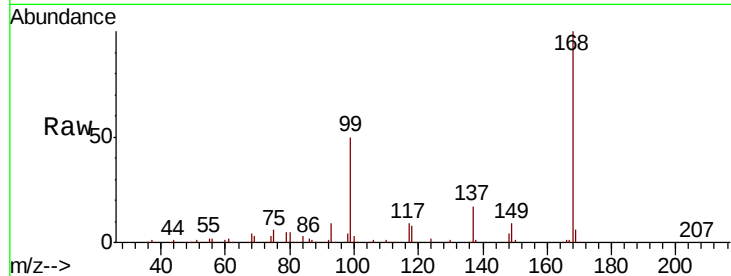
Tgt Ion:117 Resp: 16690

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

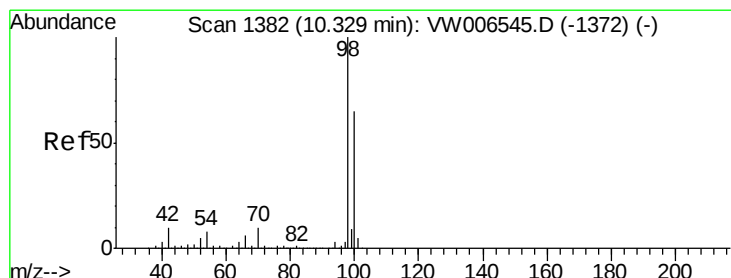
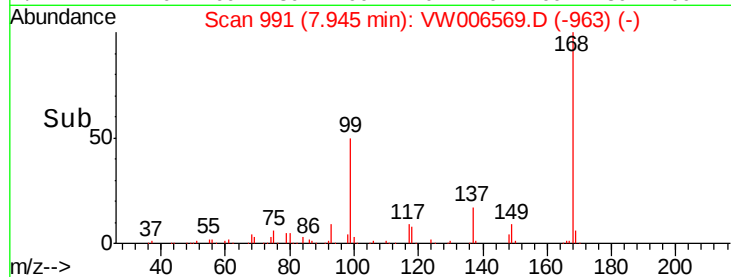
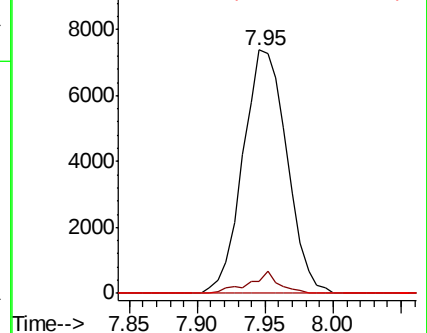
121 0.0 24.1 36.1#



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: 48.963 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006569.D

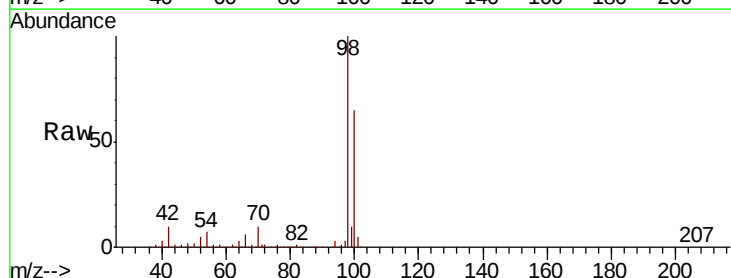
Acq: 01 Nov 2018 19:33

Tgt Ion: 98 Resp: 386486

Ion Ratio Lower Upper

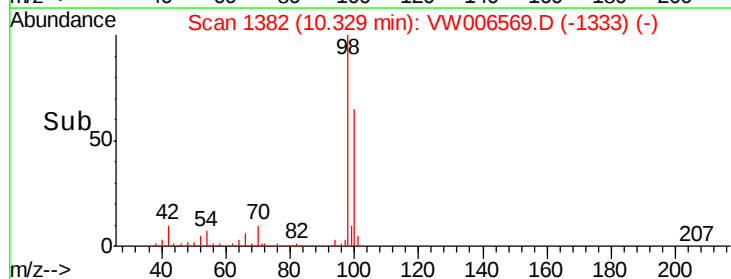
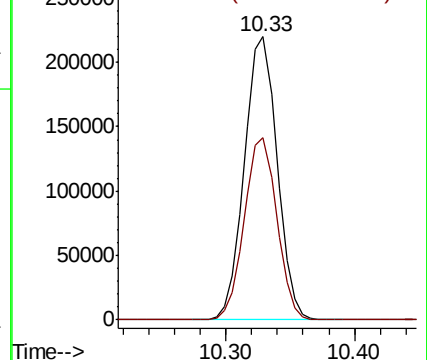
98 100

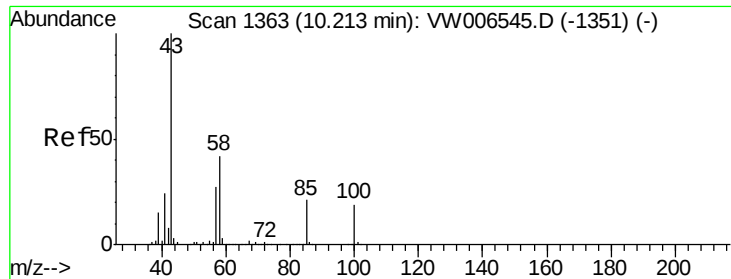
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

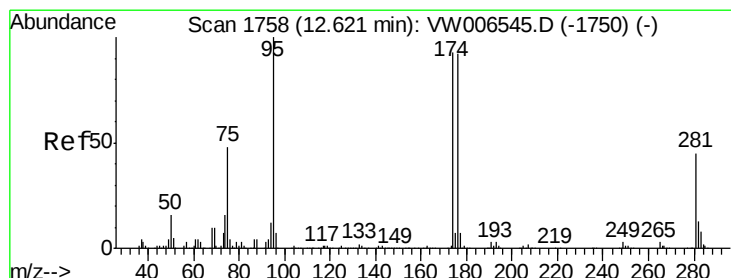
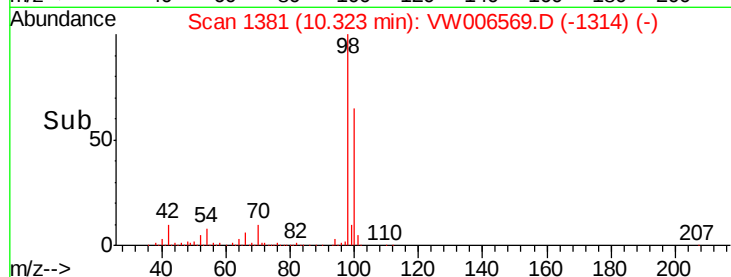
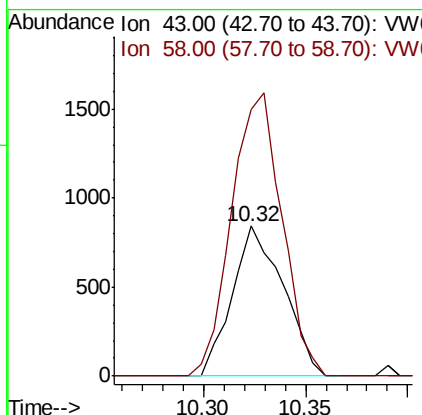
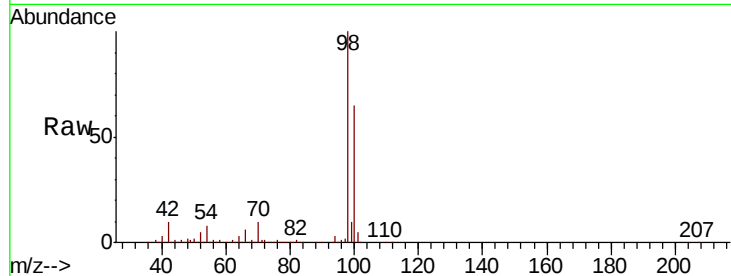




#51
 4-Methyl-2-Pentanone
 Concen: 1.415 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW006569.D
 Acq: 01 Nov 2018 19:33

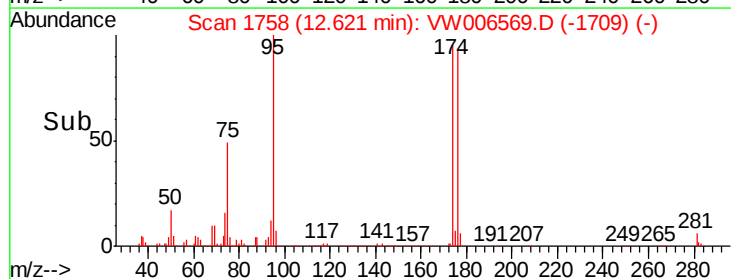
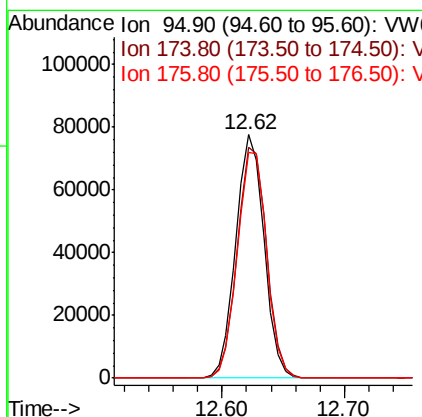
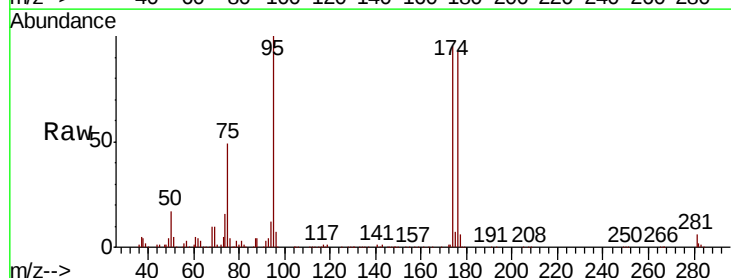
Instrument :
 MSVOA_W
 ClientSampleId :
 SI-1

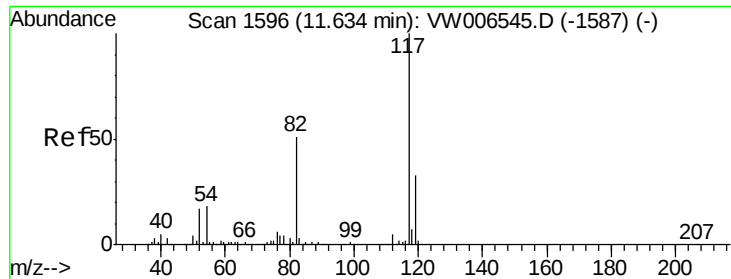
Tgt Ion: 43 Resp: 1460
 Ion Ratio Lower Upper
 43 100
 58 186.4 33.4 50.0#



#62
 4-Bromofluorobenzene
 Concen: 43.348 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006569.D
 Acq: 01 Nov 2018 19:33

Tgt Ion: 95 Resp: 124049
 Ion Ratio Lower Upper
 95 100
 174 98.6 0.0 192.4
 176 96.4 0.0 187.4

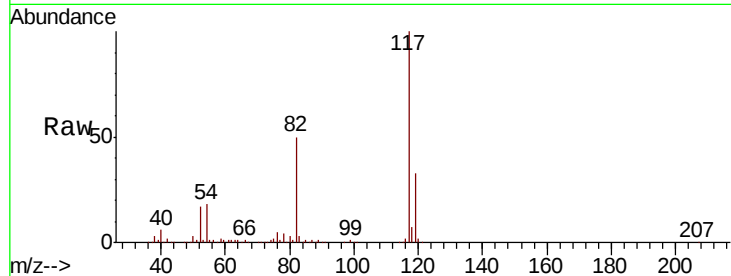




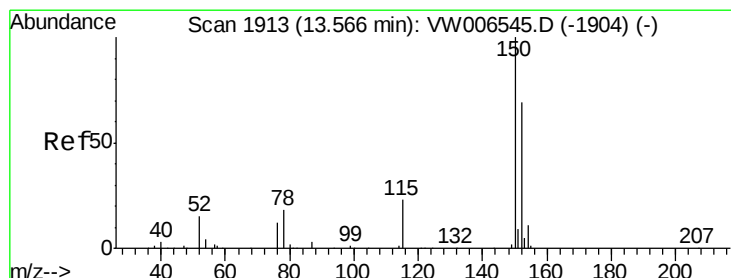
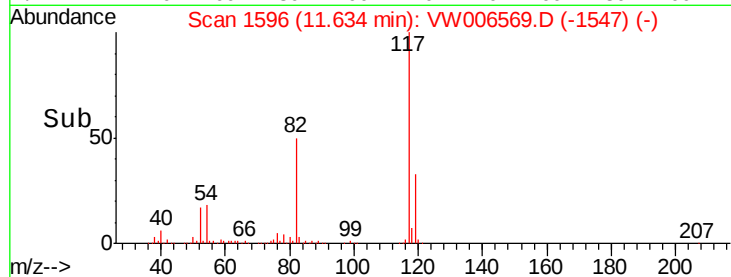
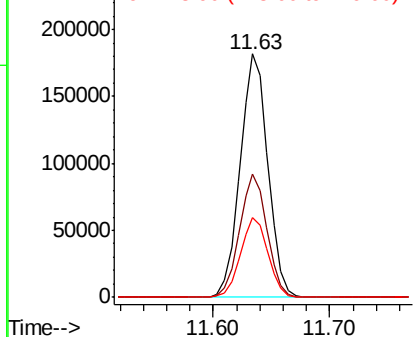
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006569.D
Acq: 01 Nov 2018 19:33

Instrument :
MSVOA_W
ClientSampled :
SI-1

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.4	40.8	61.2
119	32.9	26.1	39.1

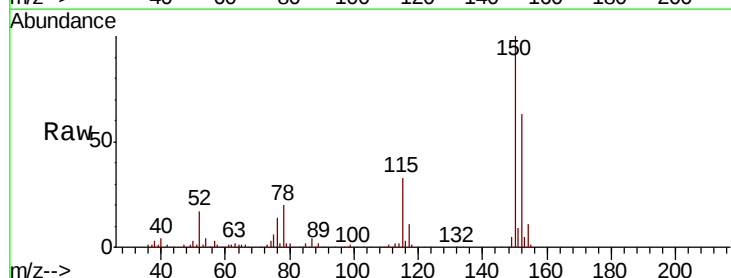


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

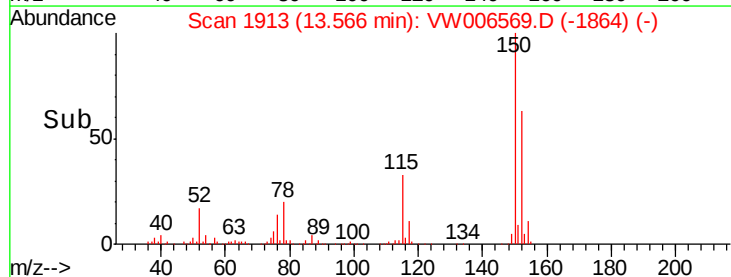
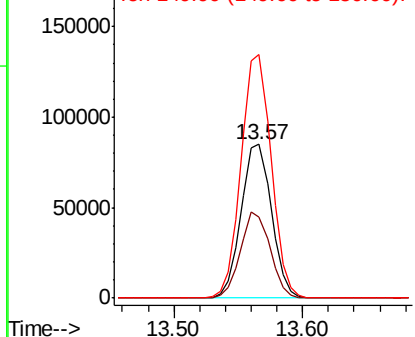


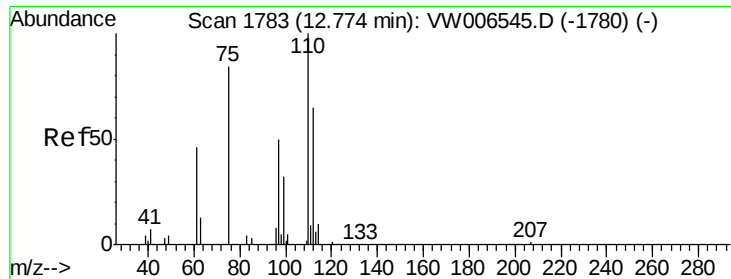
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006569.D
Acq: 01 Nov 2018 19:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.6	79.8
150	157.0	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: 57.176 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006569.D

Acq: 01 Nov 2018 19:33

Instrument :

MSVOA_W

ClientSampleId :

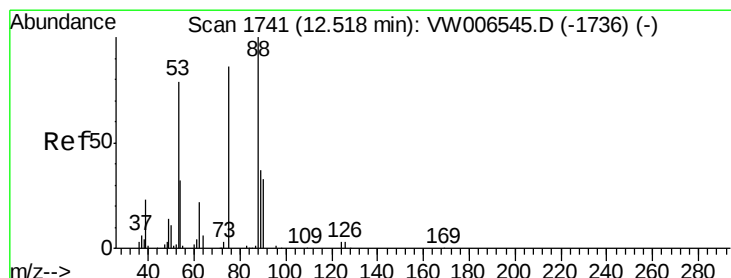
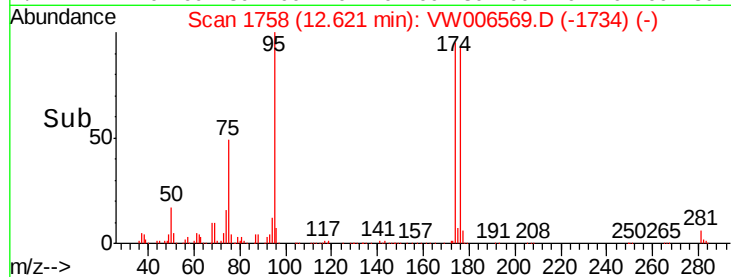
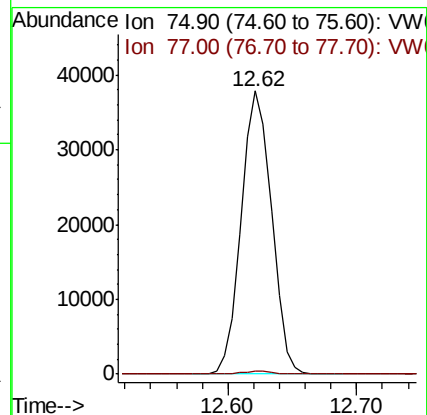
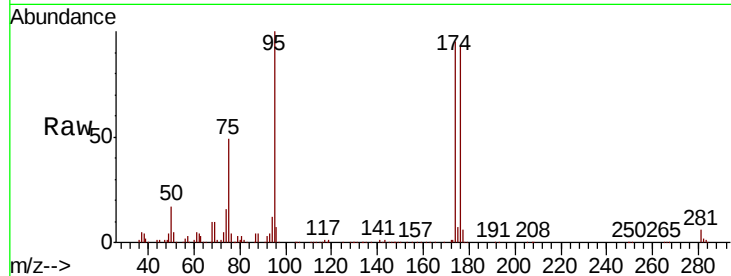
SI-1

Tgt Ion: 75 Resp: 61735

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 142.851 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006569.D

Acq: 01 Nov 2018 19:33

Tgt Ion: 75 Resp: 61735

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

