

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003877.D
 Acq On : 11 Jul 2018 21:25
 Operator : SY/AP
 Sample : J3881-04RE
 Misc : 4.31G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 01:56:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85865	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	123184	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	101297	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	10.33	98	350177	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	
62) 4-Bromofluorobenzene	12.63	95	96407	33.92	ug/l	0.00
Spiked Amount			Recovery	=	67.84%	

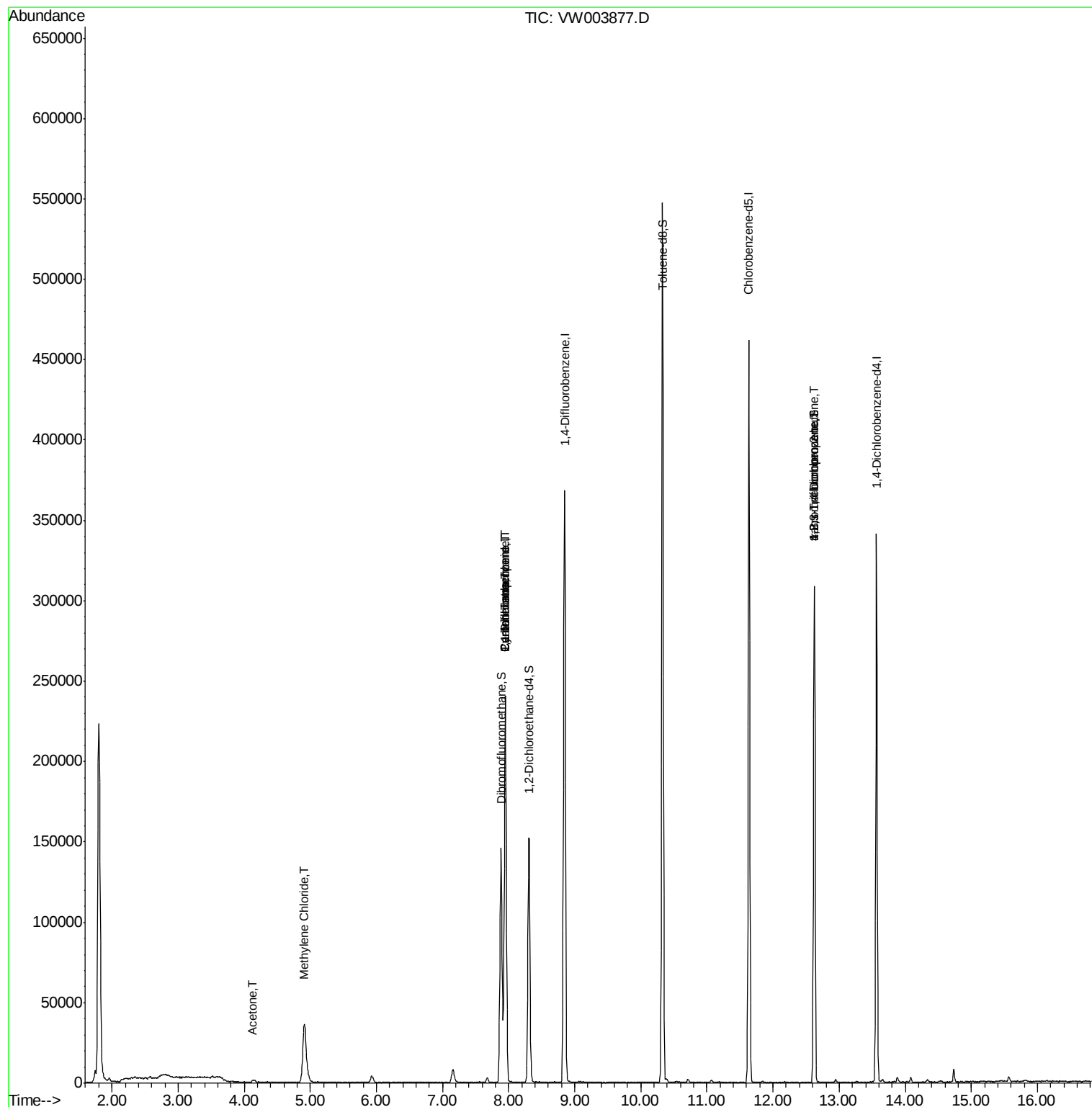
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	2852	7.270	ug/l #	82
20) Methylene Chloride	4.90	84	32258	13.688	ug/l	96
31) Cyclohexane	7.95	56	4525	1.371	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15030	4.828	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17593	5.944	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	51728	61.349	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51728	150.073	ug/l #	8

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071118\
Data File : VW003877.D
Acq On : 11 Jul 2018 21:25
Operator : SY/AP
Sample : J3881-04RE
Misc : 4.31G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 12 01:56:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003877.D

Acq: 11 Jul 2018 21:25

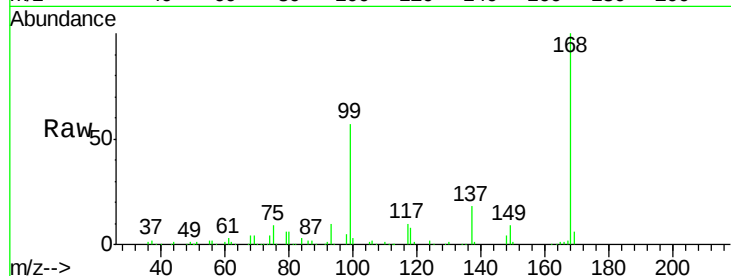
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 172911

Ion Ratio Lower Upper

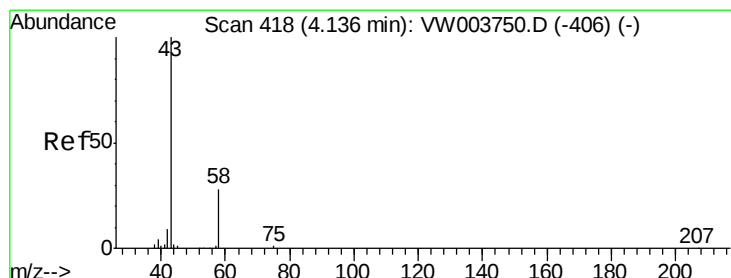
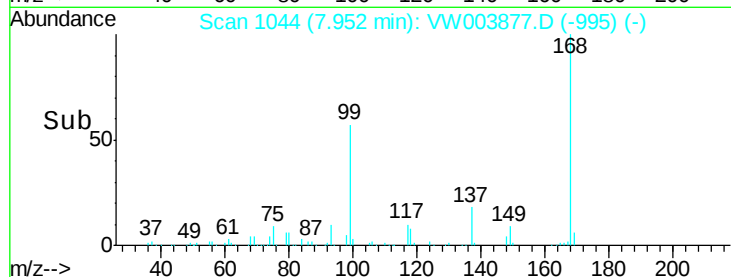
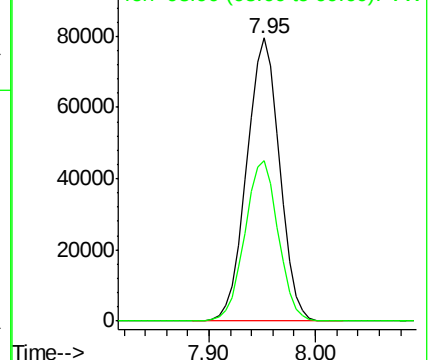
168 100

99 56.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.270 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003877.D

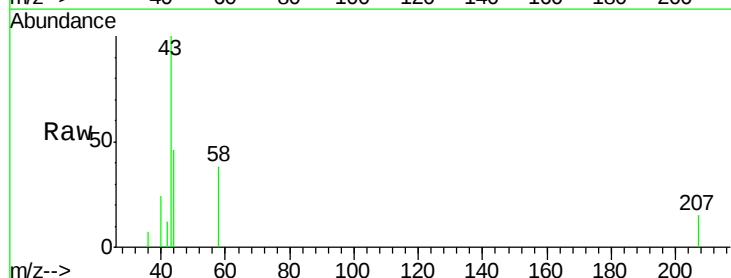
Acq: 11 Jul 2018 21:25

Tgt Ion: 43 Resp: 2852

Ion Ratio Lower Upper

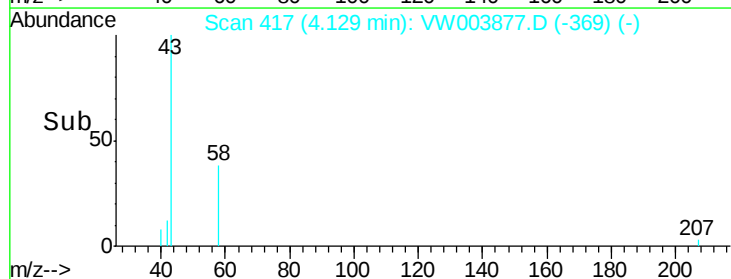
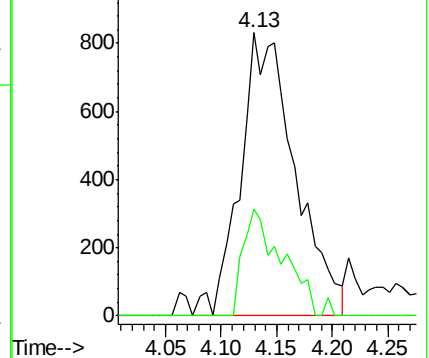
43 100

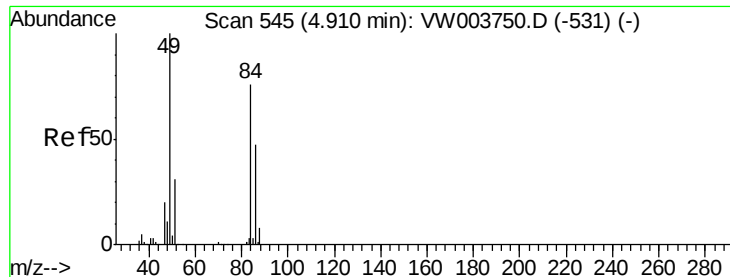
58 37.9 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

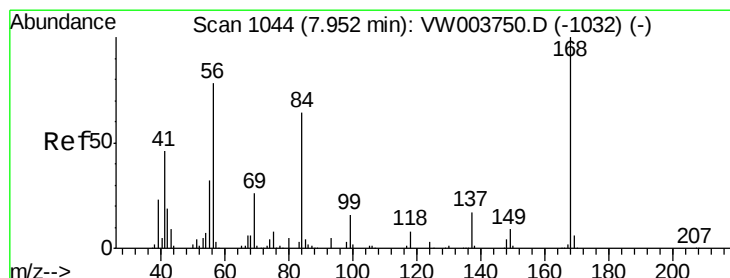
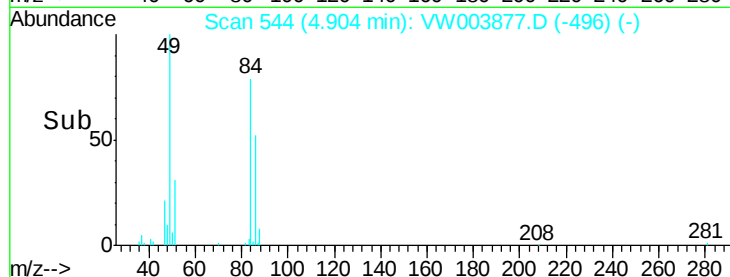
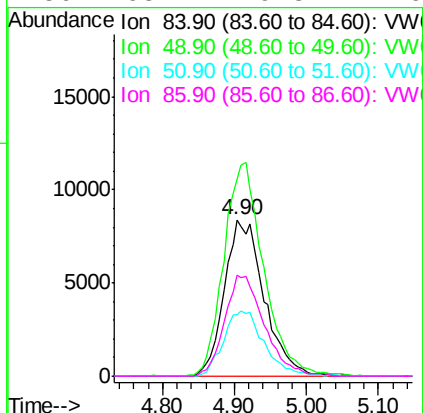
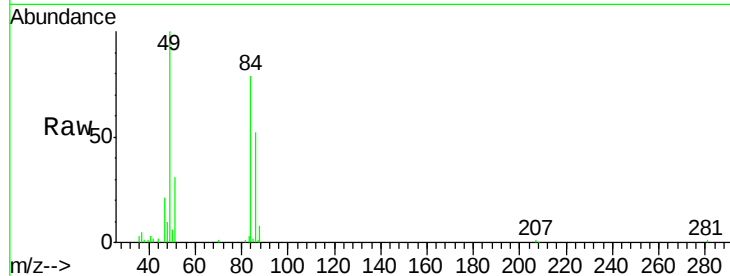




#20
Methvlene Chloride
Concen: 13.688 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

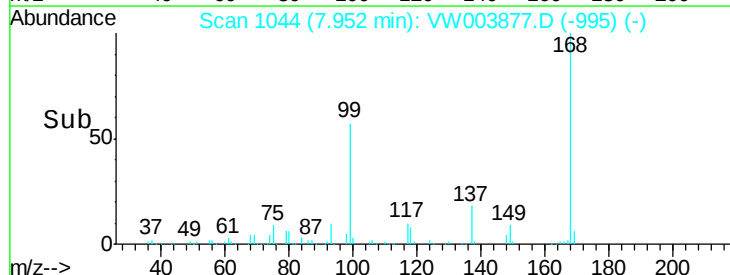
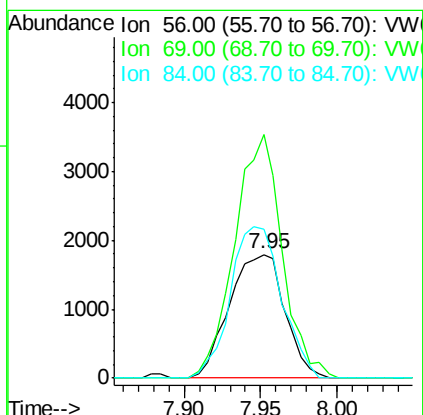
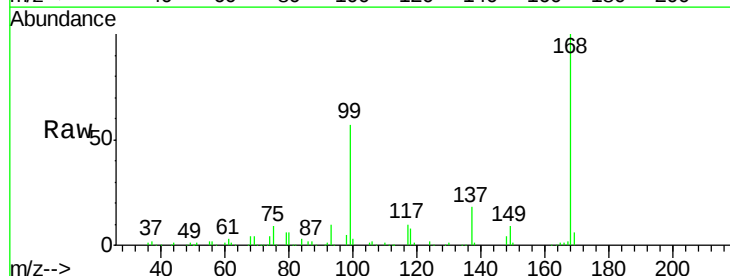
Instrument :
MSVOA_W
ClientSampleId :

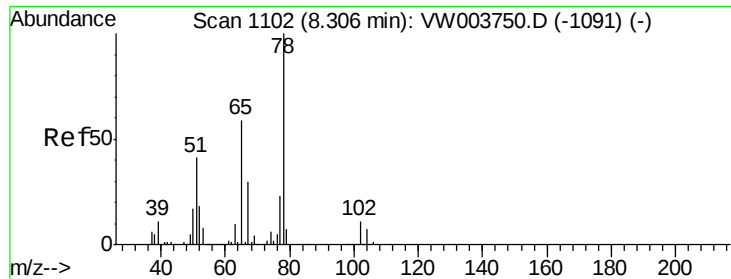
Tot Ion: 84 Resp: 32258
Ion Ratio Lower Upper
84 100
49 125.4 105.1 157.7
51 39.5 32.5 48.7
86 65.1 49.8 74.6



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

Tgt Ion: 56 Resp: 4525
Ion Ratio Lower Upper
56 100
69 197.1 26.2 39.4#
84 120.2 65.5 98.3#

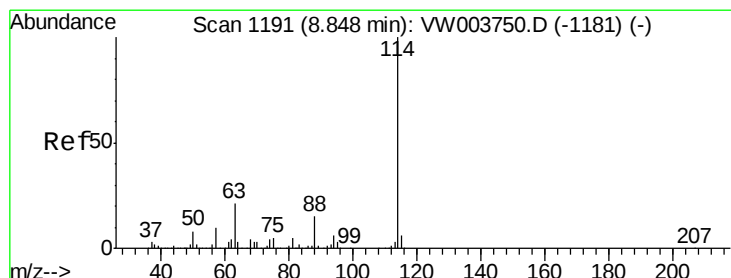
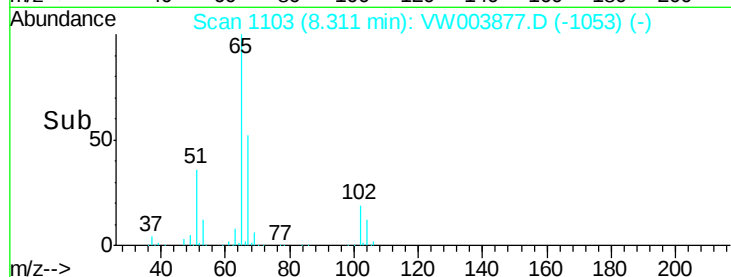
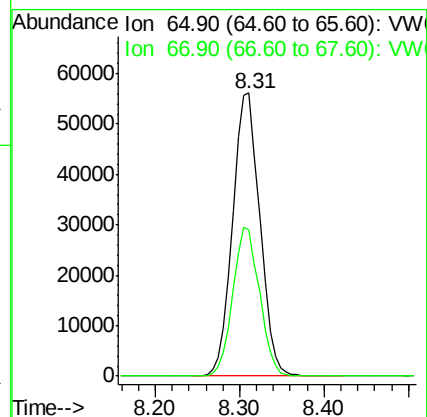
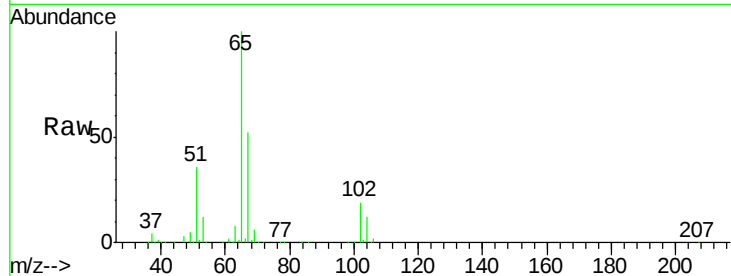




#33
 1,2-Dichloroethane-d4
 Concen: 54.477 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003877.D
 Acq: 11 Jul 2018 21:25

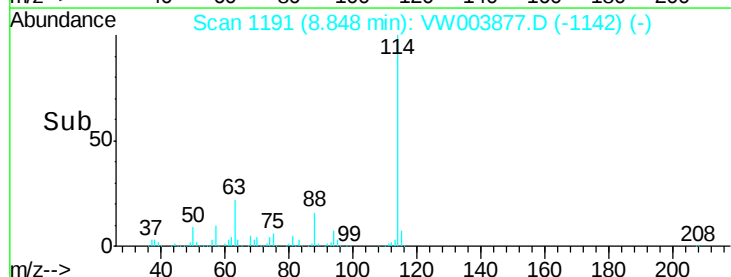
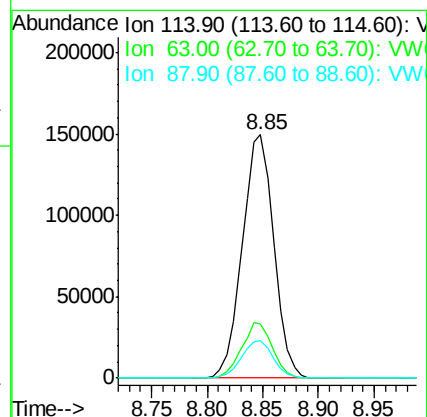
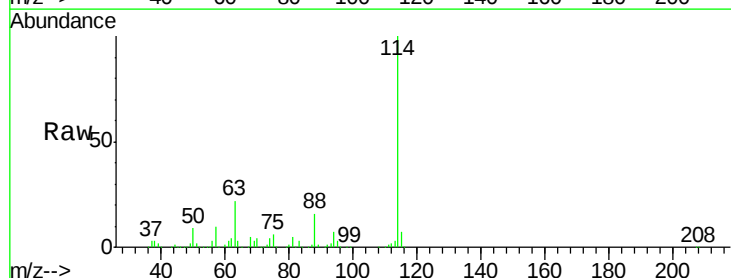
Instrument :
 MSVOA_W
 ClientSampleId :

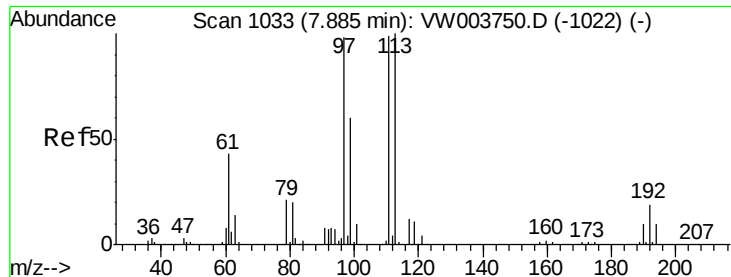
Tot Ion: 65 Resp: 123184
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003877.D
 Acq: 11 Jul 2018 21:25

Tgt Ion: 114 Resp: 293403
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 41.8
 88 15.6 0.0 30.2

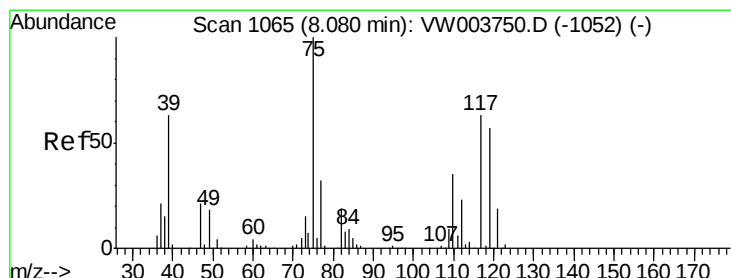
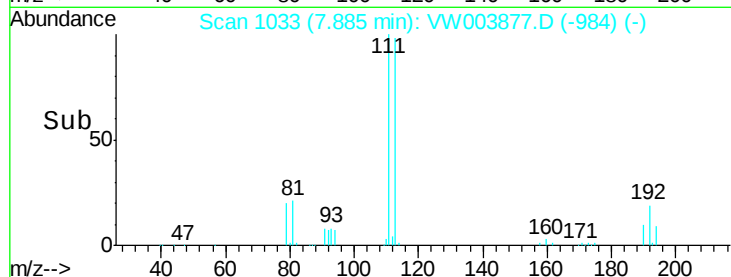
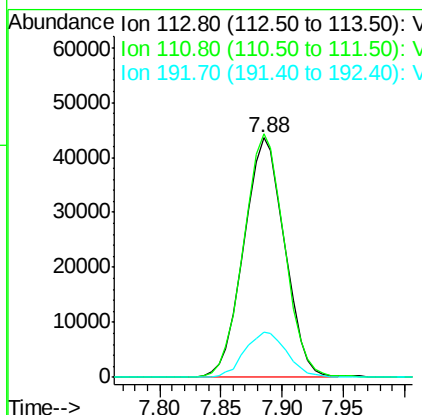
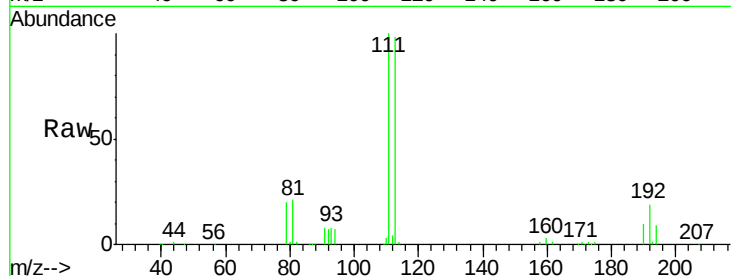




#35
 Dibromofluoromethane
 Concen: 49.329 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003877.D
 Acq: 11 Jul 2018 21:25

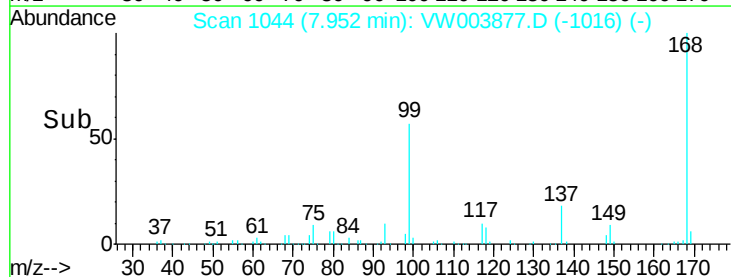
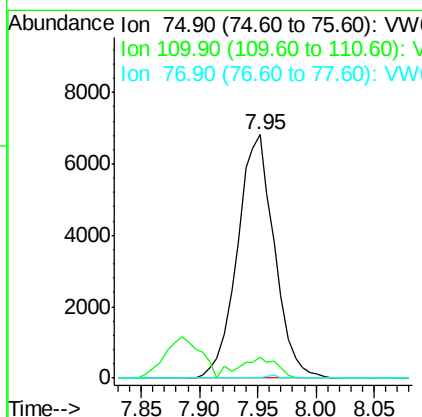
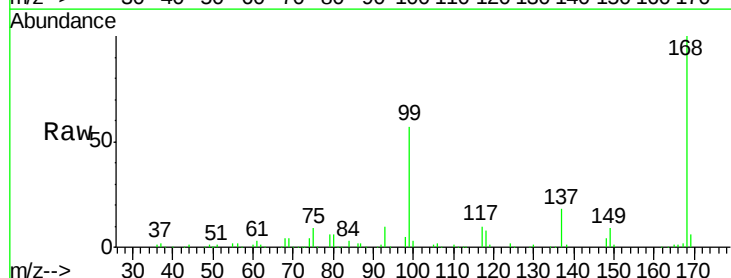
Instrument :
 MSVOA_W
 ClientSampleId :

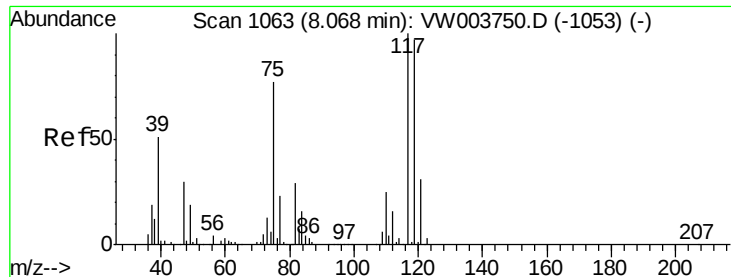
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
111	101.3	81.7	122.5	
192	19.5	15.8	23.8	



#36
 1,1-Dichloropropene
 Concen: 4.828 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003877.D
 Acq: 11 Jul 2018 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
75	100			
110	8.7	16.9	50.6#	
77	0.4	24.8	37.2#	

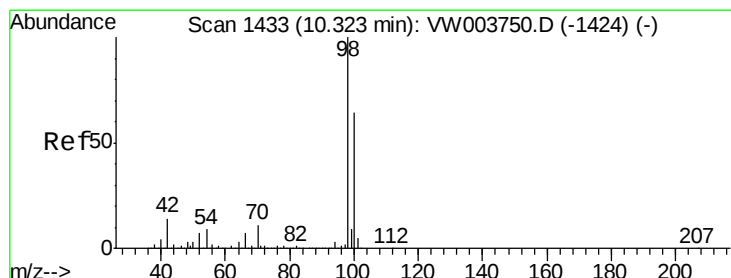
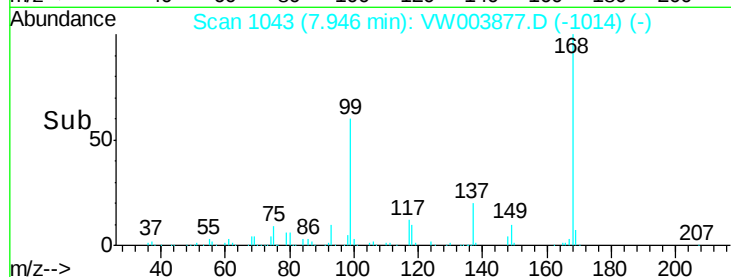
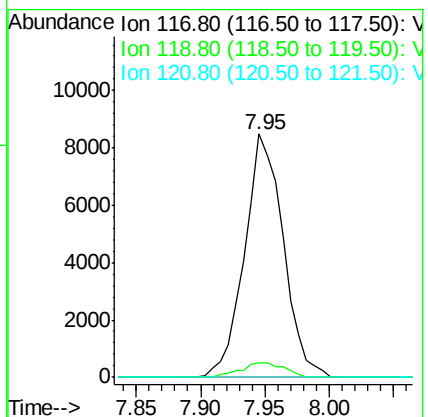
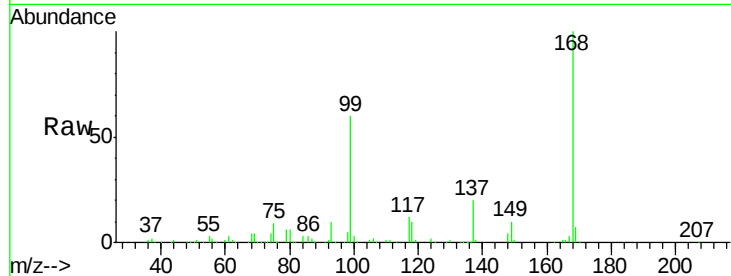




#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

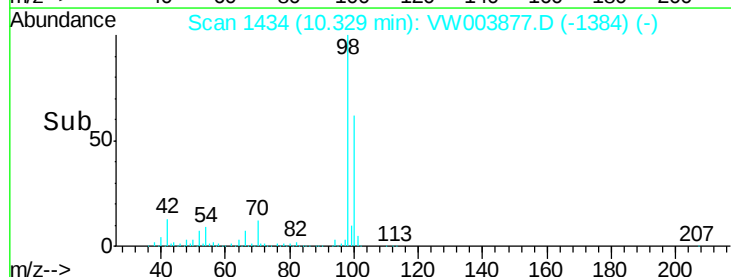
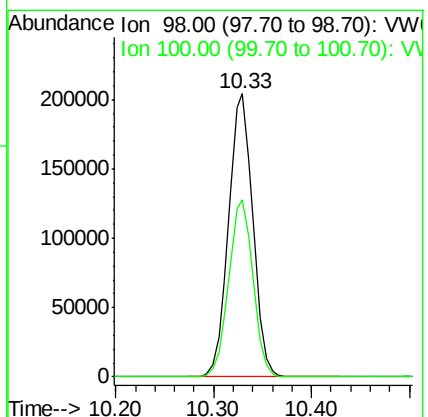
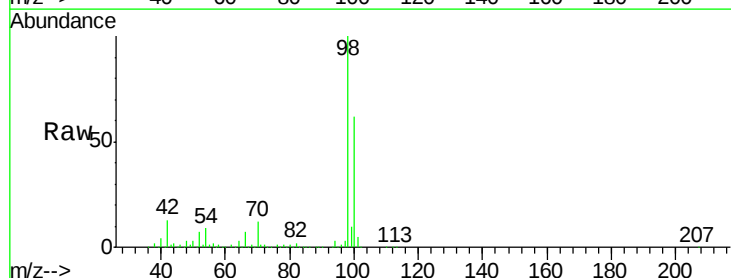
Instrument :
MSVOA_W
ClientSampled :

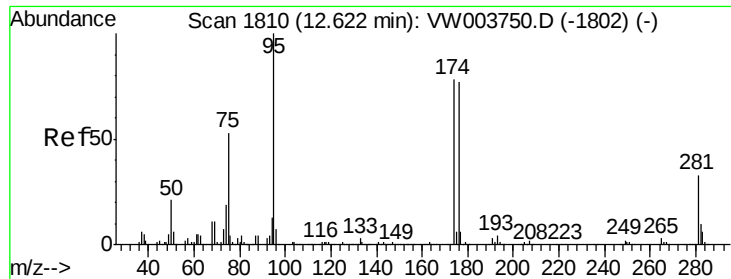
Tot Ion:117 Resp: 17593
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.580 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

Tgt Ion: 98 Resp: 350177
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2

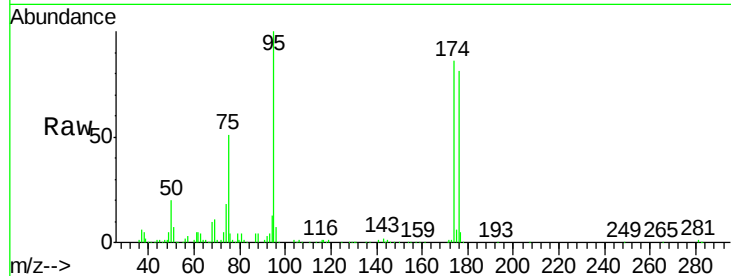




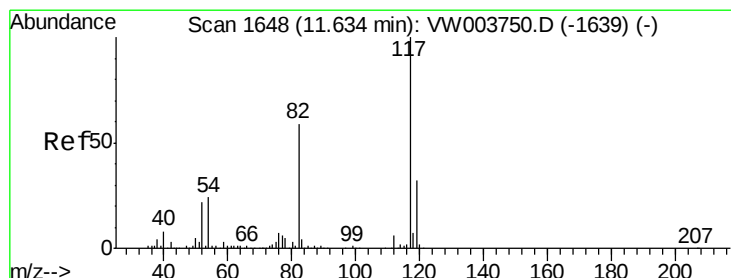
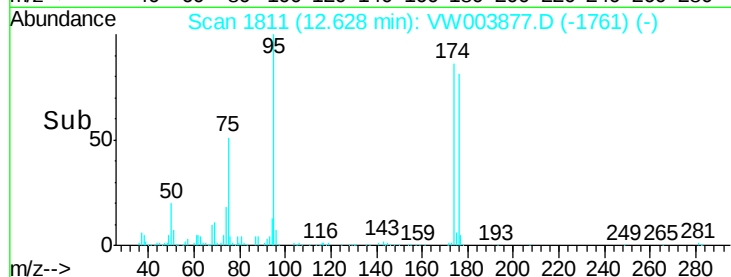
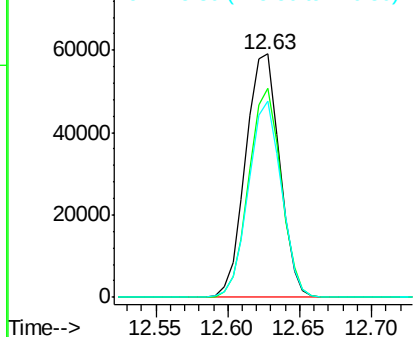
#62
4-Bromofluorobenzene
Concen: 33.921 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	95	Resp	96407
Ion Ratio	Lower	Upper	
95	100		
174	81.9	0.0	163.4
176	77.9	0.0	156.8

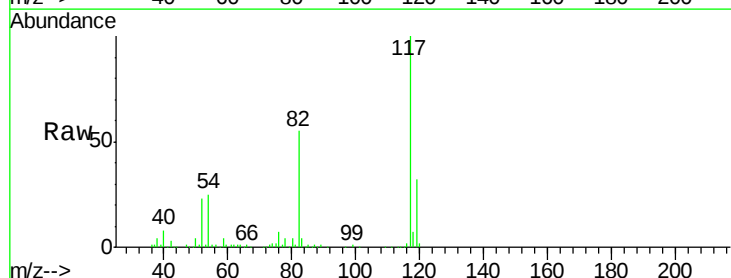


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

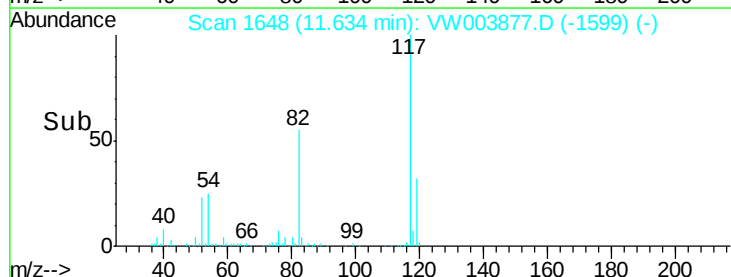
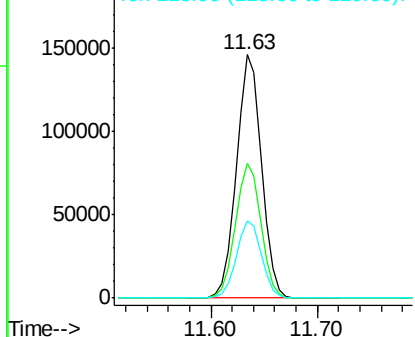


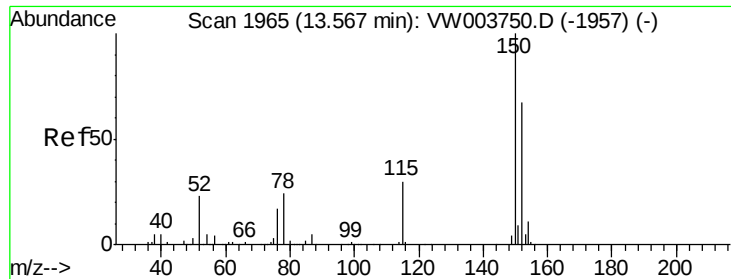
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

Tgt Ion	117	Resp	241346
Ion Ratio	Lower	Upper	
117	100		
82	55.3	46.9	70.3
119	31.8	25.5	38.3



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



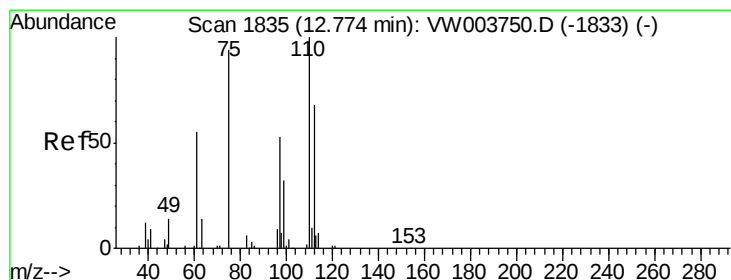
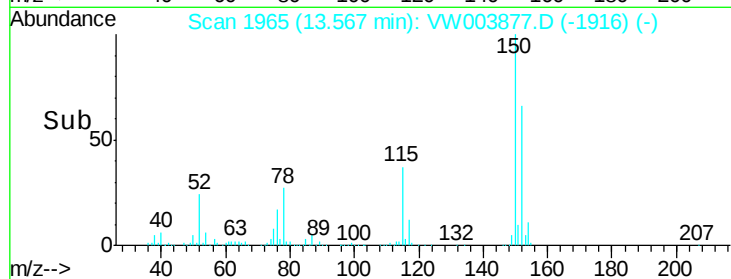
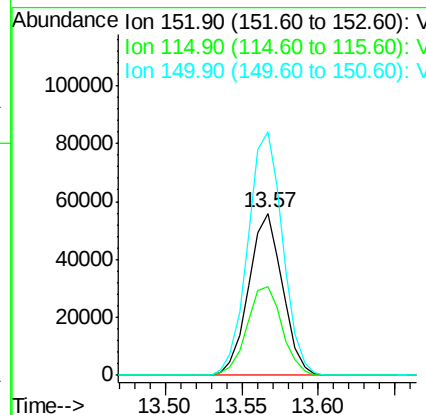
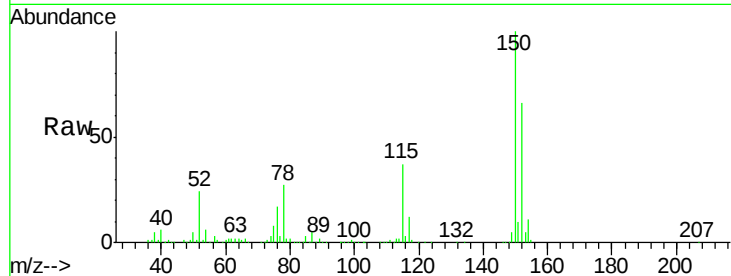


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

Instrument :
MSVOA_W
ClientSampled :

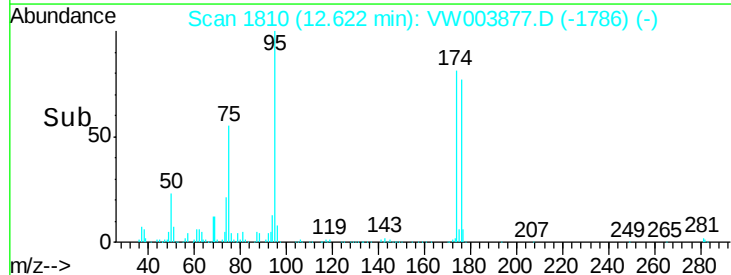
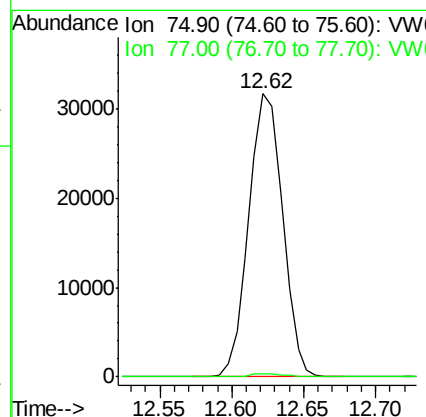
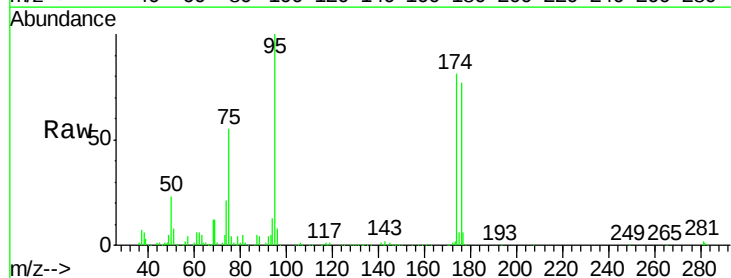
Tot Ion:152 Resp: 85865
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 154.5 0.0 342.4

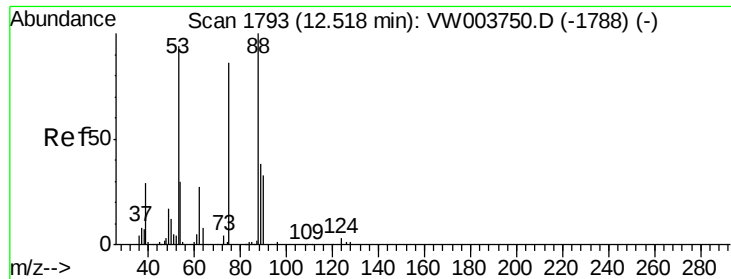


#76

1,2,3-Trichloropropane
Concen: 61.349 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003877.D
Acq: 11 Jul 2018 21:25

Tgt Ion: 75 Resp: 51728
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 150.073 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003877.D

Acq: 11 Jul 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

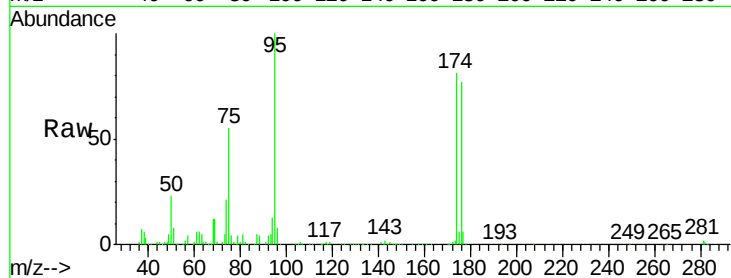
Tot Ion: 75 Resp: 51728

Ion Ratio Lower Upper

75 100

53 0.4 85.0 127.6#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

