

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010820\
 Data File : VW014557.D
 Acq On : 08 Jan 2020 13:35
 Operator : SY/VA
 Sample : IBLK
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 08 14:30:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	676878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1055308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	894709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	431030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	303403	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.88	113	295617	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.32	98	1225669	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.62	95	430765	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

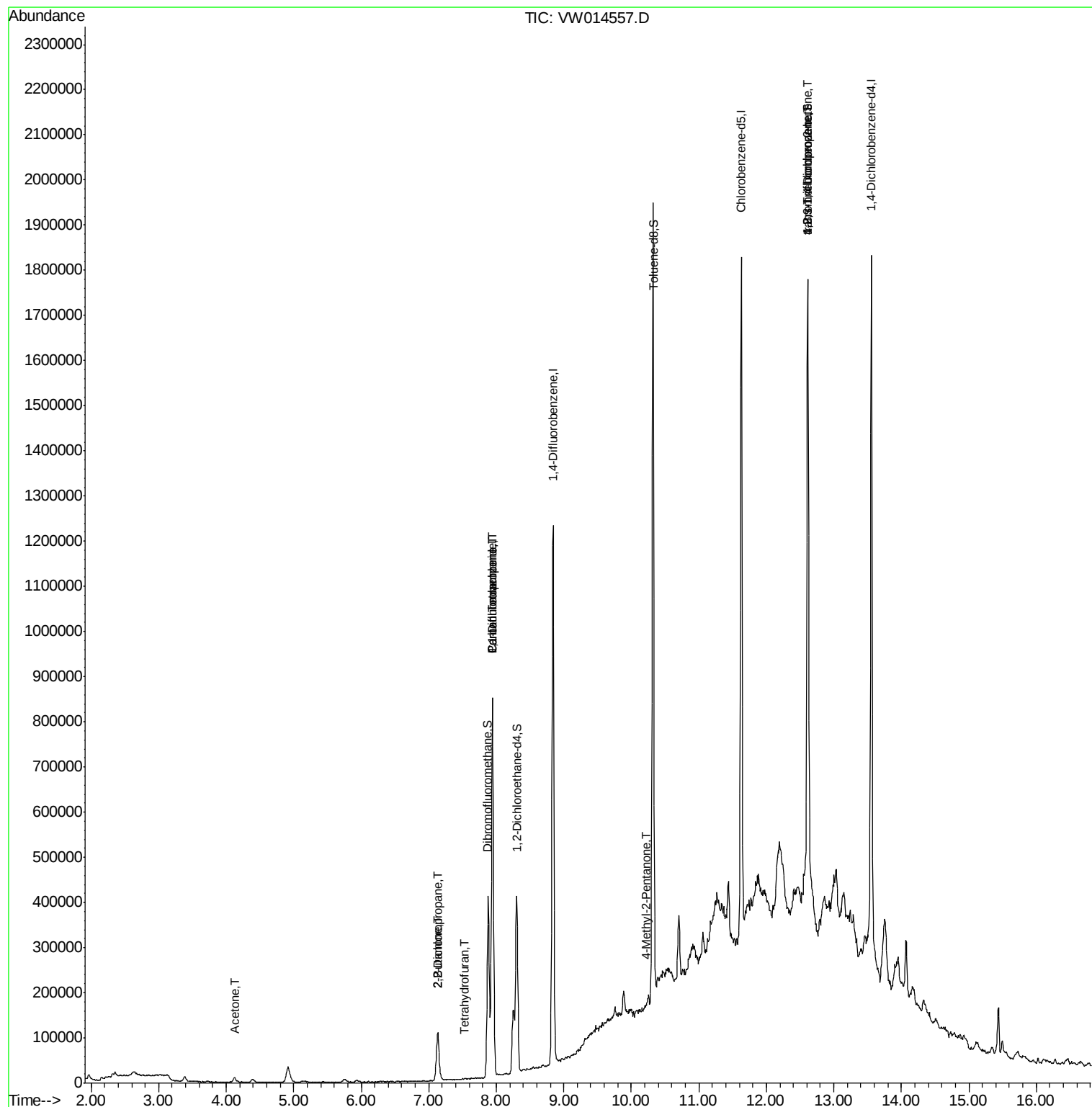
					Qvalue	
11) Tert butyl alcohol	5.16	59	5087	Below Cal	#	89
16) Acetone	4.13	43	20369	12.189	ug/l	92
20) Methylene Chloride	4.92	84	29661	Below Cal		93
25) 2-Butanone	7.13	43	5183	2.417	ug/l #	76
26) 2,2-Dichloropropane	7.14	77	7480	1.112	ug/l #	61
29) Tetrahydrofuran	7.52	42	1611	1.213	ug/l #	78
36) 1,1-Dichloropropene	7.95	75	46008	4.522	ug/l #	51
38) Carbon Tetrachloride	7.95	117	60622	6.868	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	6785	1.559	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	192027	47.119	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	192027	104.984	ug/l #	14

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010820\
Data File : VW014557.D
Acq On : 08 Jan 2020 13:35
Operator : SY/VA
Sample : IBLK
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 08 14:30:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014557.D

Acq: 08 Jan 2020 13:35

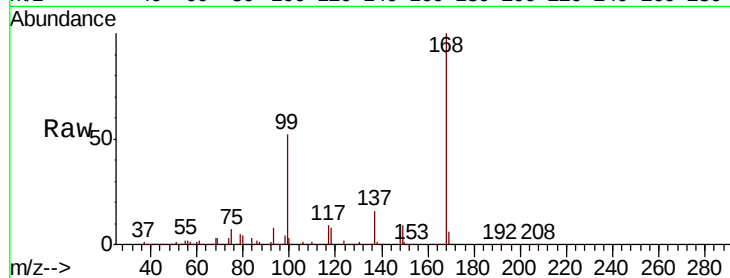
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 676878

Ion Ratio Lower Upper

168 100

99 51.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

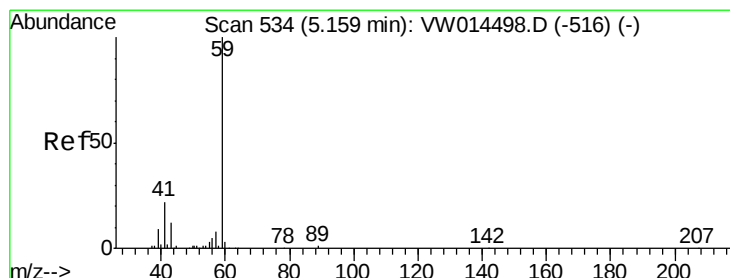
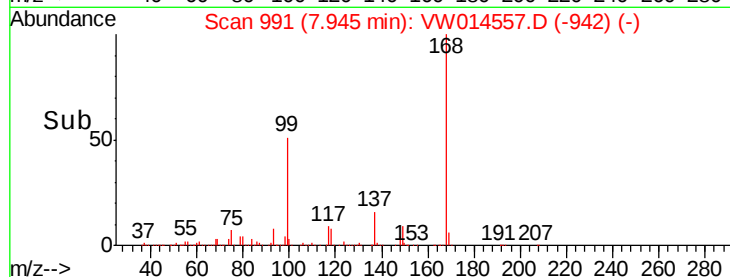
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014557.D

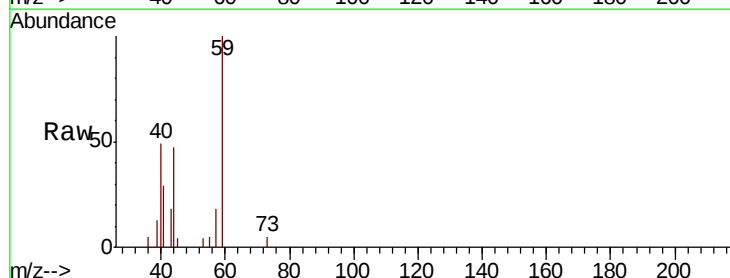
Acq: 08 Jan 2020 13:35

Tgt Ion: 59 Resp: 5087

Ion Ratio Lower Upper

59 100

57 14.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

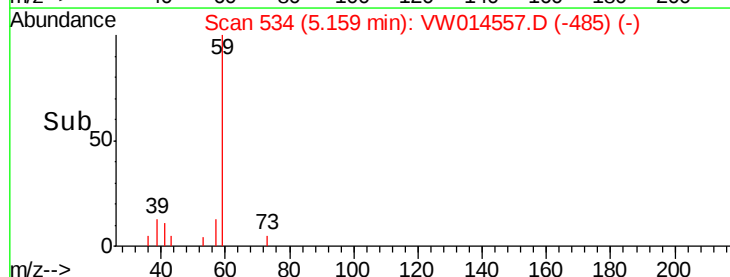
1500

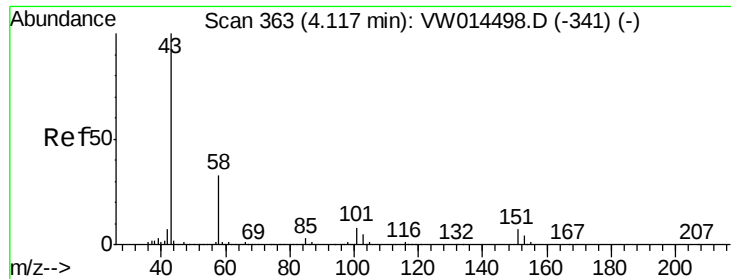
1000

500

0

Time--> 5.00 5.10 5.20 5.30

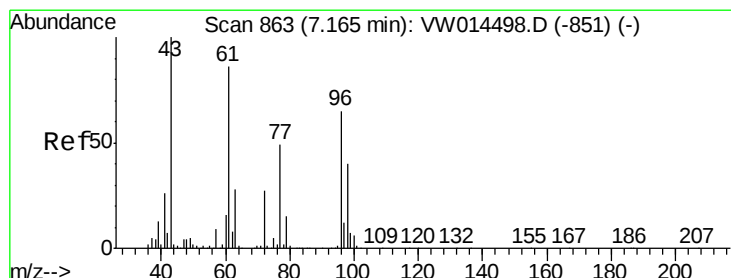
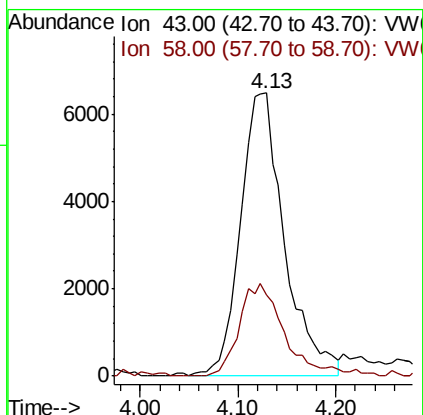
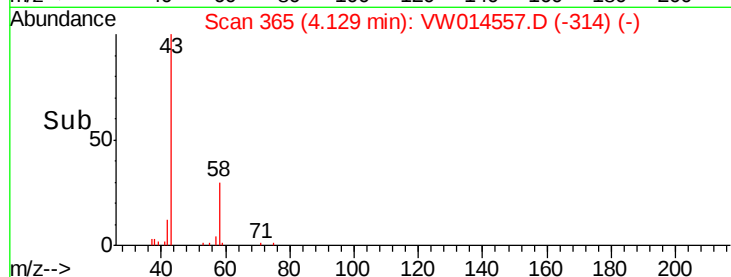
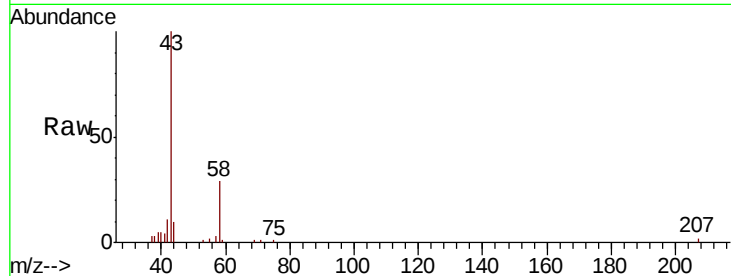




#16
Acetone
Concen: 12.189 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

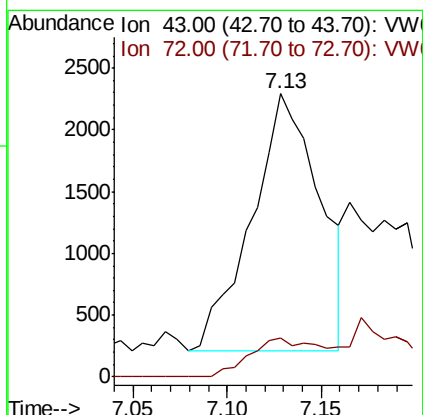
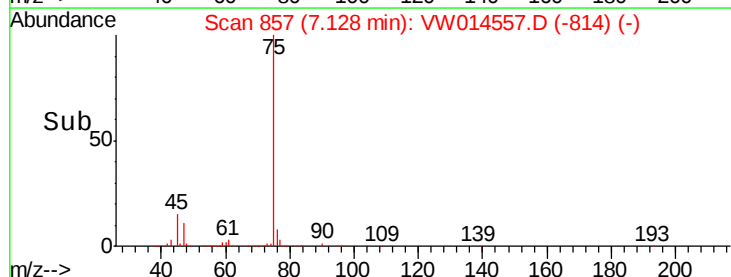
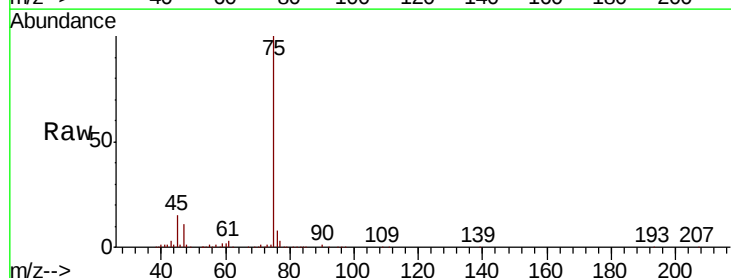
Instrument :
MSVOA_W
ClientSampleId :

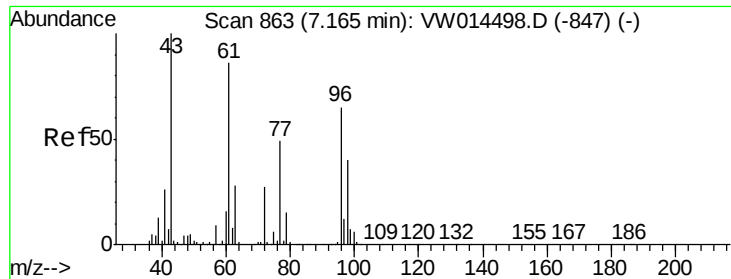
Tot Ion: 43 Resp: 20369
Ion Ratio Lower Upper
43 100
58 28.8 26.6 39.8



#25
2-Butanone
Concen: 2.417 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

Tgt Ion: 43 Resp: 5183
Ion Ratio Lower Upper
43 100
72 14.9 21.9 32.9#

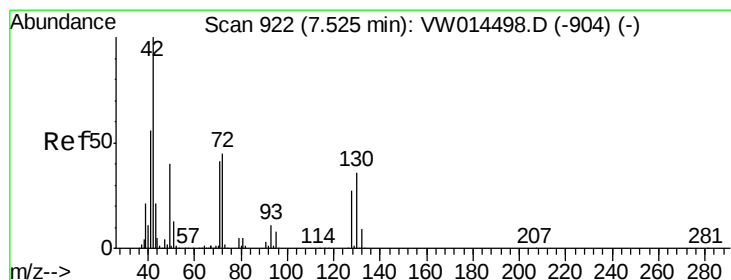
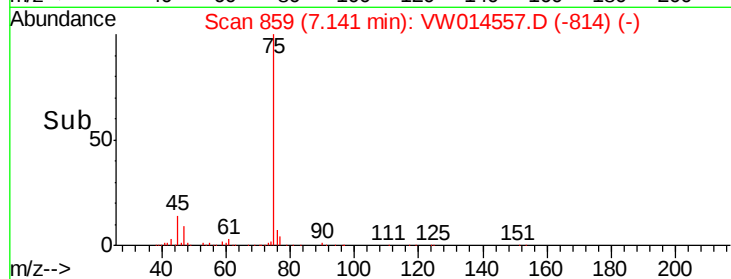
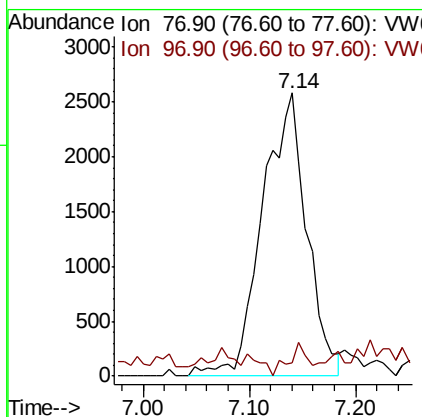
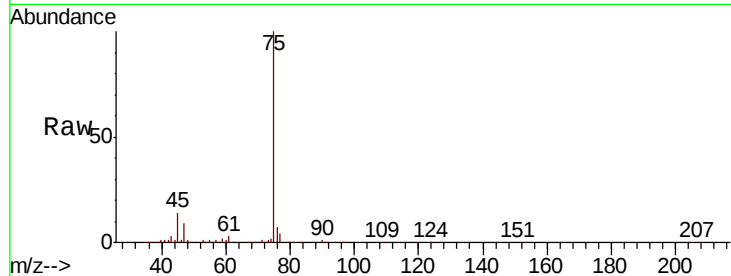




#26
 2,2-Dichloropropane
 Concen: 1.112 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW014557.D
 Acq: 08 Jan 2020 13:35

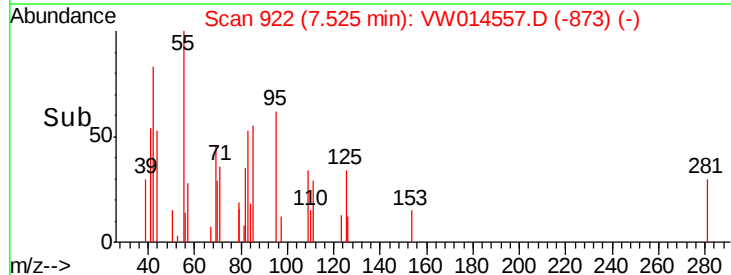
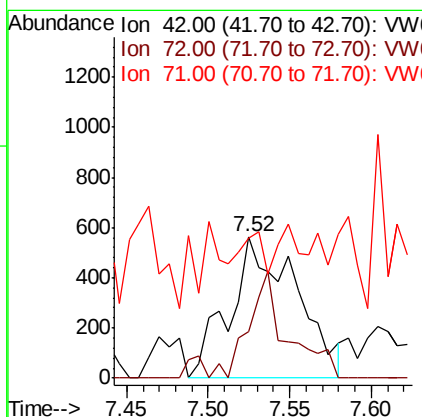
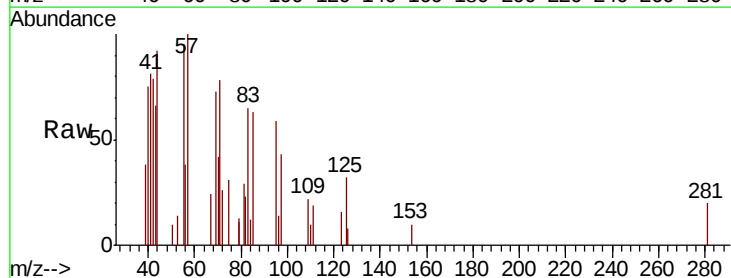
Instrument :
 MSVOA_W
 ClientSampleId :

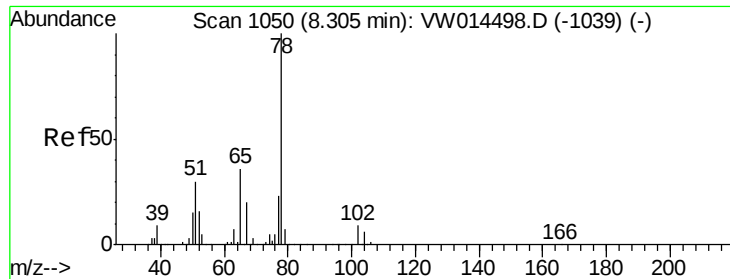
Tot Ion: 77 Resp: 7480
 Ion Ratio Lower Upper
 77 100
 97 5.3 12.5 37.5#



#29
 Tetrahydrofuran
 Concen: 1.213 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: VW014557.D
 Acq: 08 Jan 2020 13:35

Tgt Ion: 42 Resp: 1611
 Ion Ratio Lower Upper
 42 100
 72 43.5 34.5 51.7
 71 11.8 32.0 48.0#

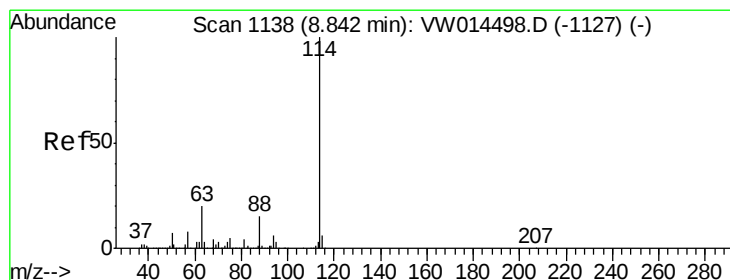
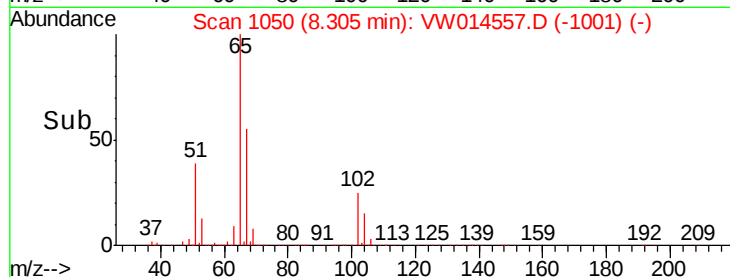
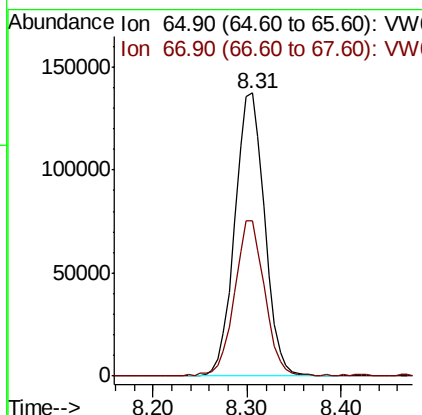
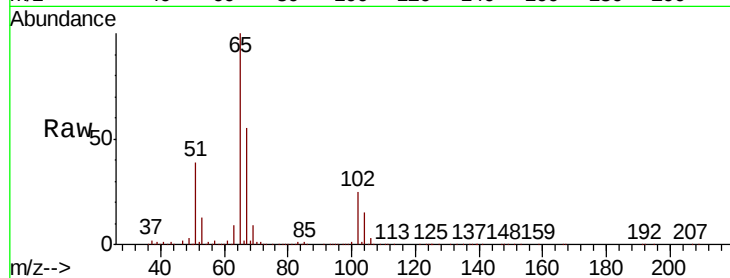




#33
 1,2-Dichloroethane-d4
 Concen: 51.267 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW014557.D
 Acq: 08 Jan 2020 13:35

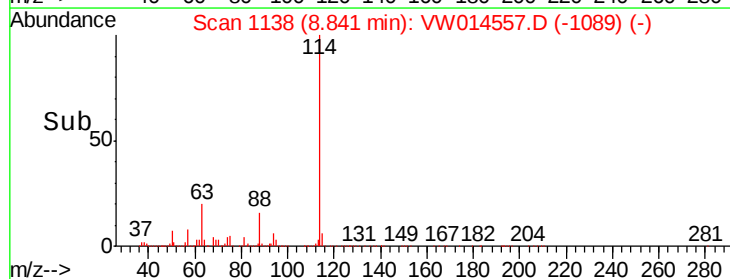
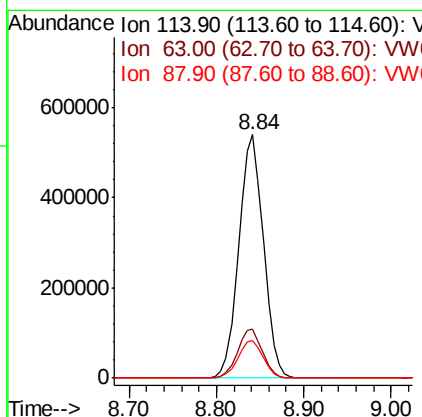
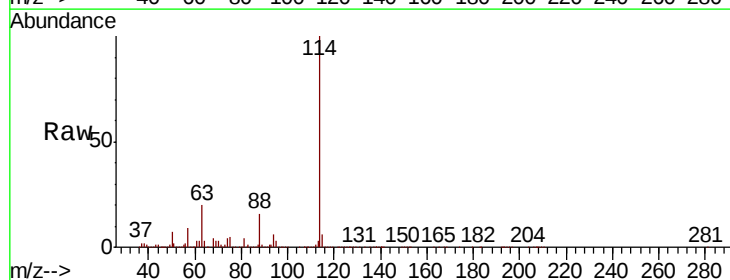
Instrument :
 MSVOA_W
 ClientSampled :

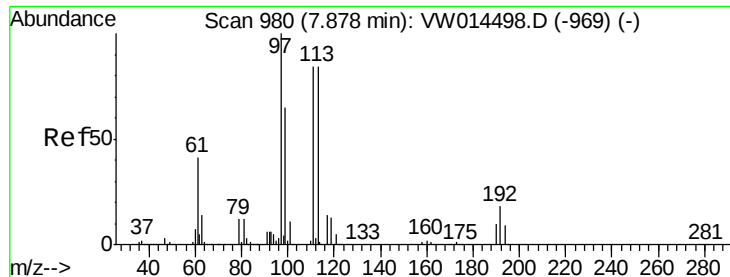
Tot Ion: 65 Resp: 303403
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014557.D
 Acq: 08 Jan 2020 13:35

Tgt Ion: 114 Resp: 1055308
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.4
 88 15.5 0.0 30.6

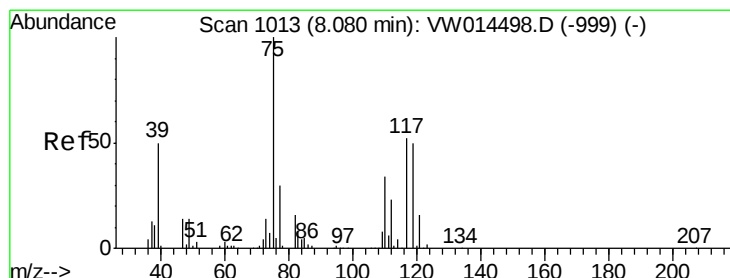
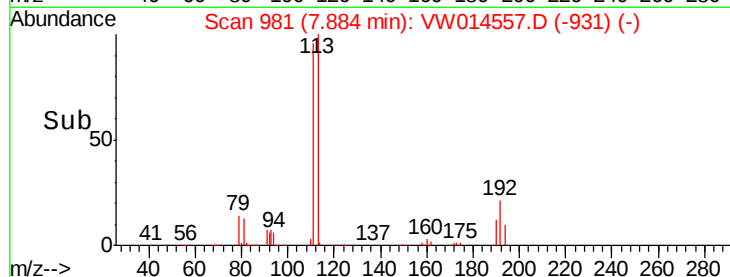
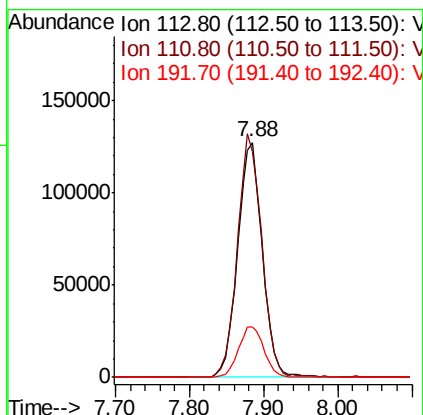
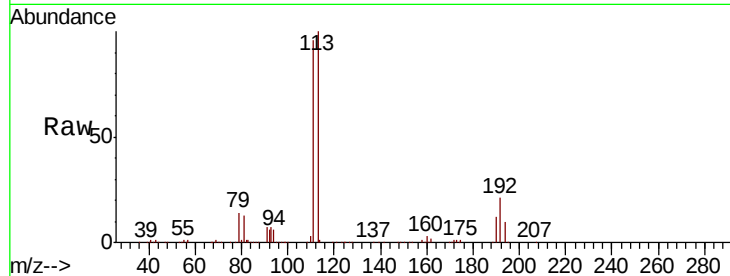




#35
Dibromofluoromethane
Concen: 49.014 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

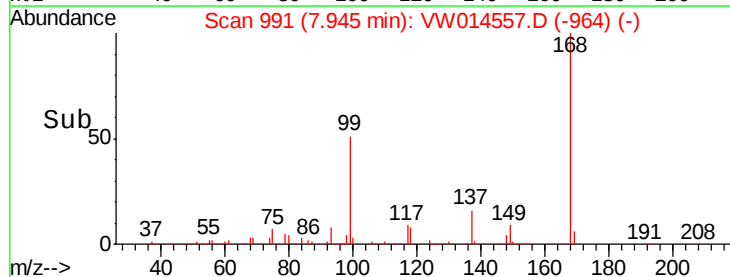
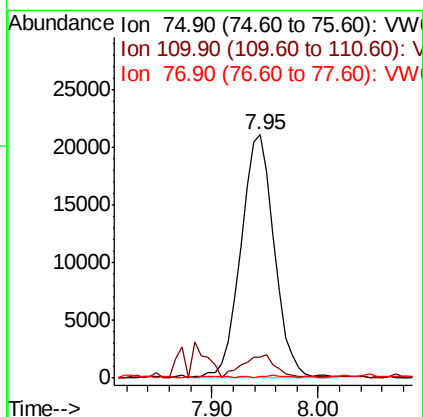
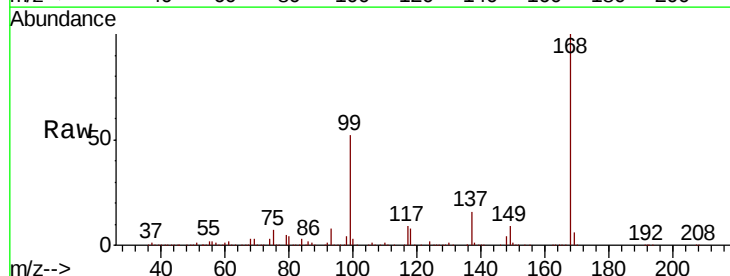
Instrument :
MSVOA_W
ClientSampleId :

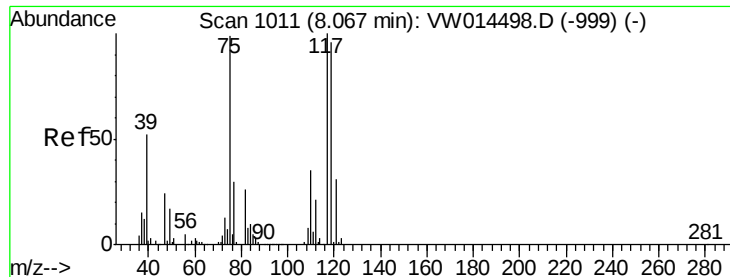
Tot Ion:113 Resp: 295617
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.2
192 22.2 17.8 26.8



#36
1,1-Dichloropropene
Concen: 4.522 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

Tgt Ion: 75 Resp: 46008
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.7 24.7 37.1#

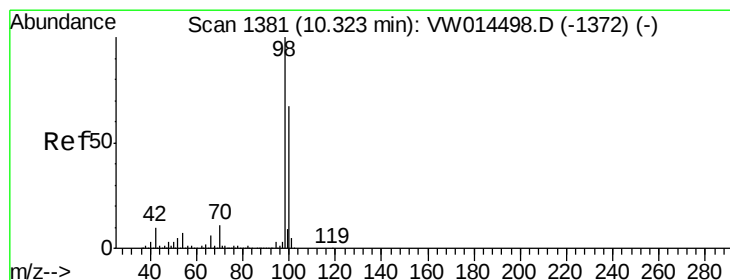
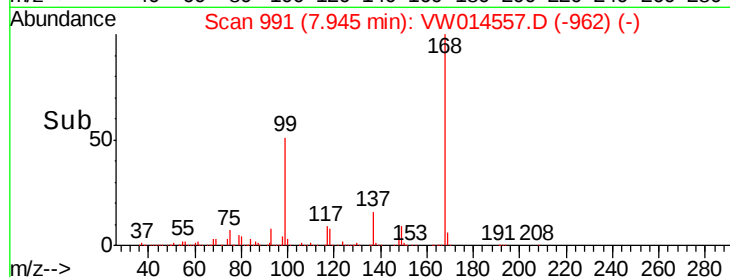
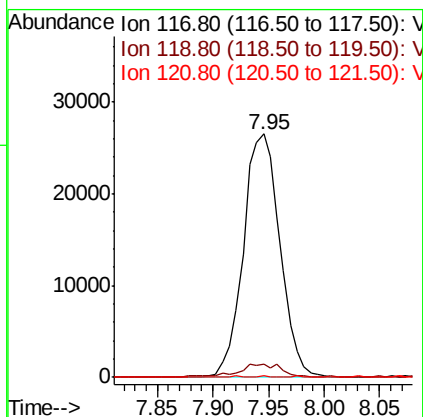
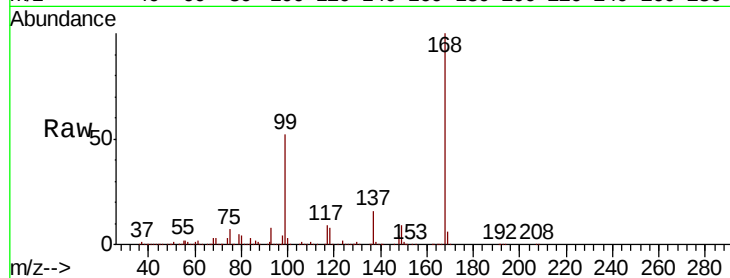




#38
Carbon Tetrachloride
Concen: 6.868 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

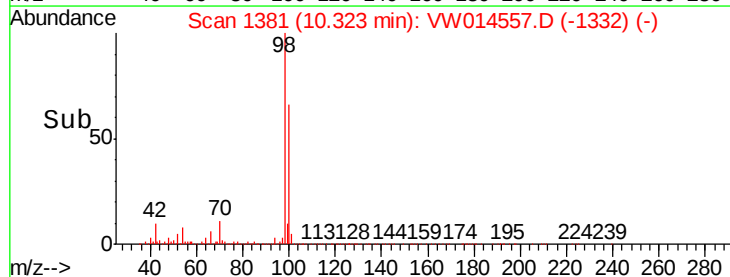
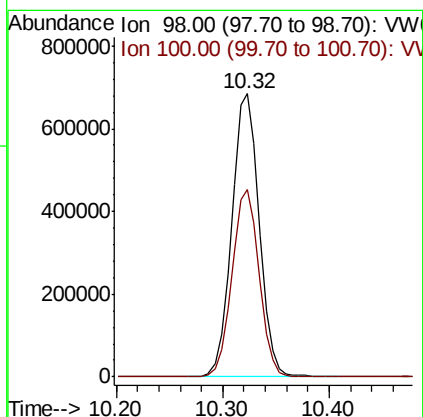
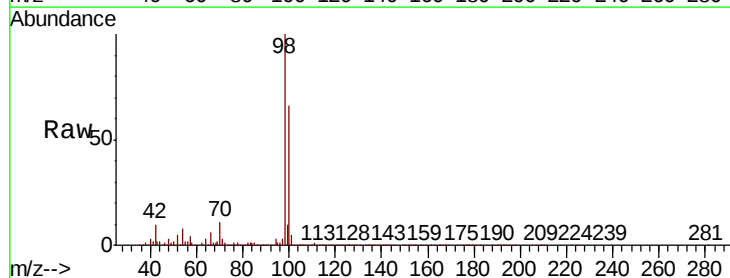
Instrument :
MSVOA_W
ClientSampleId :

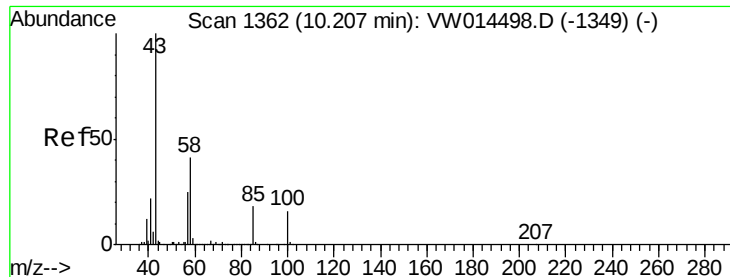
Tot Ion:117 Resp: 60622
Ion Ratio Lower Upper
117 100
119 5.2 77.0 115.6#
121 0.6 24.6 36.8#



#50
Toluene-d8
Concen: 48.696 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

Tgt Ion: 98 Resp: 1225669
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

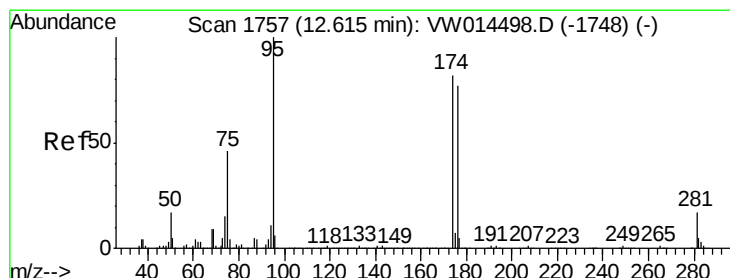
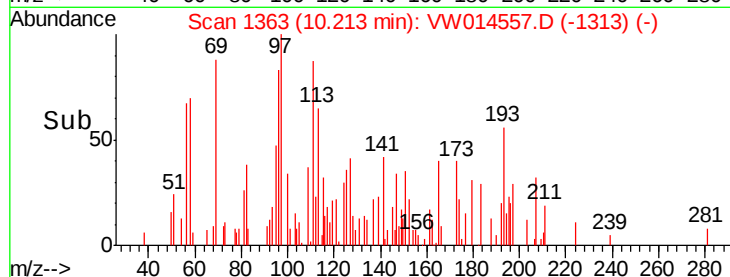
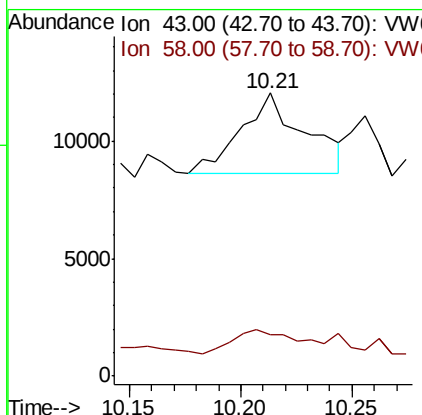
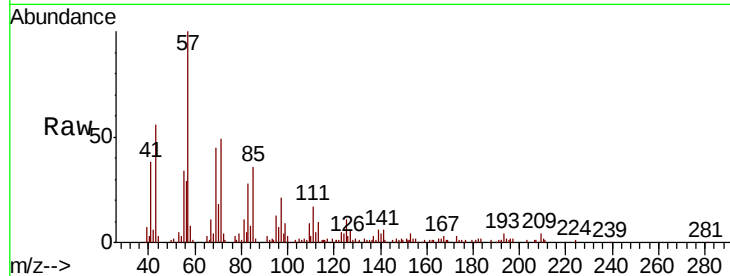




#51
 4-Methyl-2-Pentanone
 Concen: 1.559 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW014557.D
 Acq: 08 Jan 2020 13:35

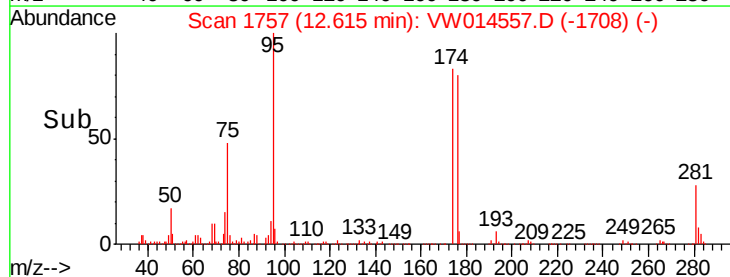
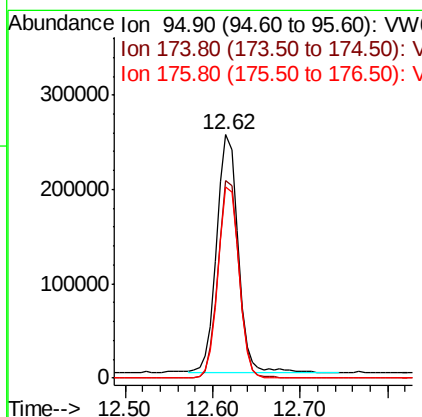
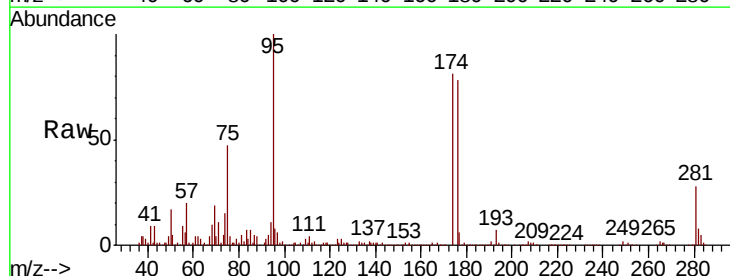
Instrument :
 MSVOA_W
 ClientSampled :

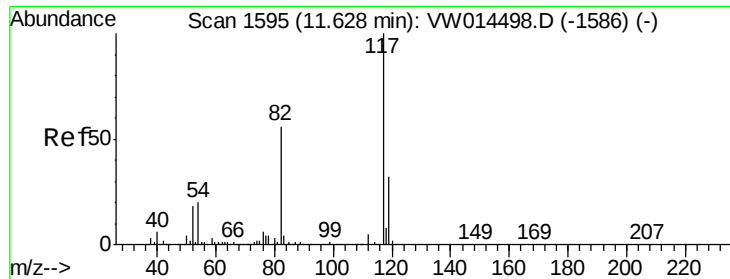
Tot Ion: 43 Resp: 6785
 Ion Ratio Lower Upper
 43 100
 58 37.3 32.7 49.1



#62
 4-Bromofluorobenzene
 Concen: 50.456 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014557.D
 Acq: 08 Jan 2020 13:35

Tgt Ion: 95 Resp: 430765
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 168.6
 176 77.8 0.0 162.0

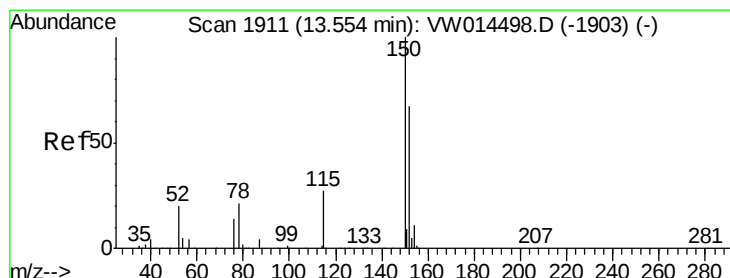
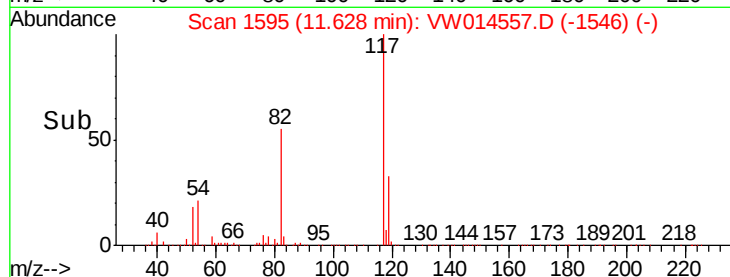
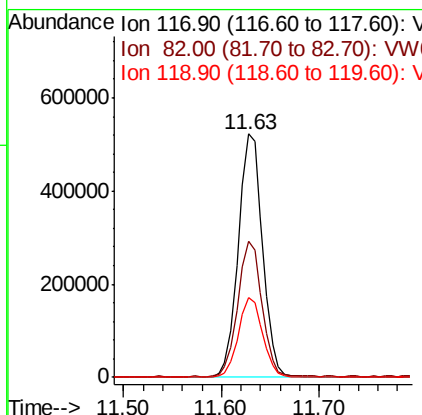
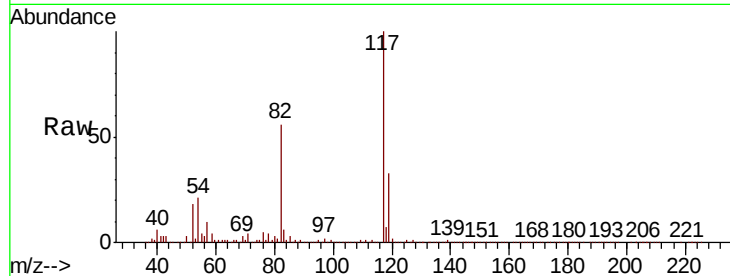




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

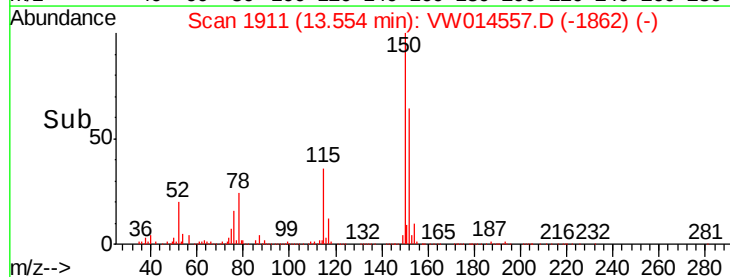
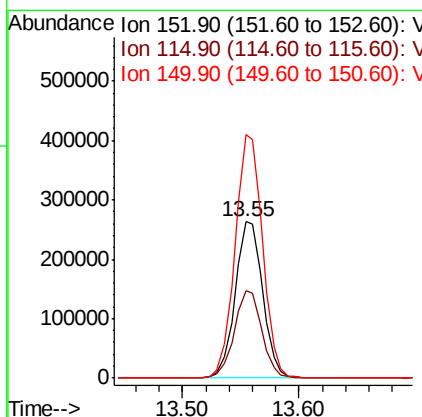
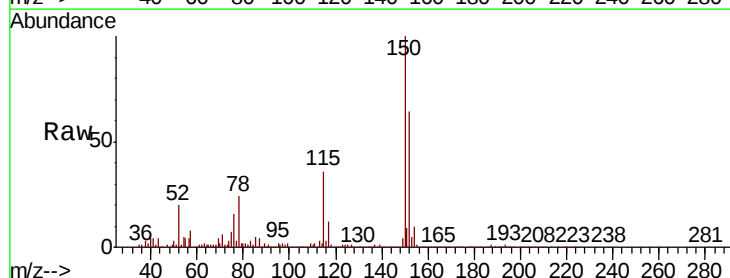
Instrument :
MSVOA_W
ClientSampleId :

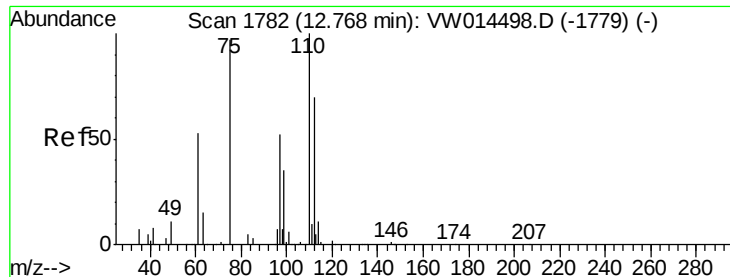
Tot Ion:117 Resp: 894709
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

Tgt Ion:152 Resp: 431030
Ion Ratio Lower Upper
152 100
115 55.0 27.7 83.1
150 155.8 0.0 343.4



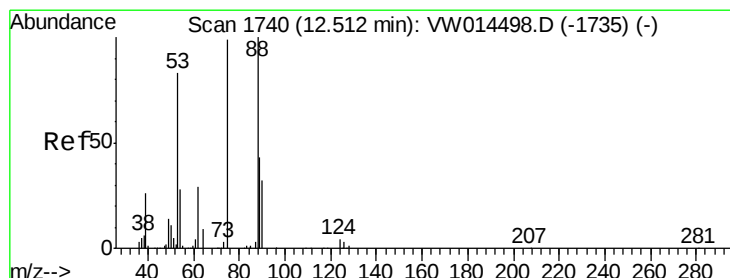
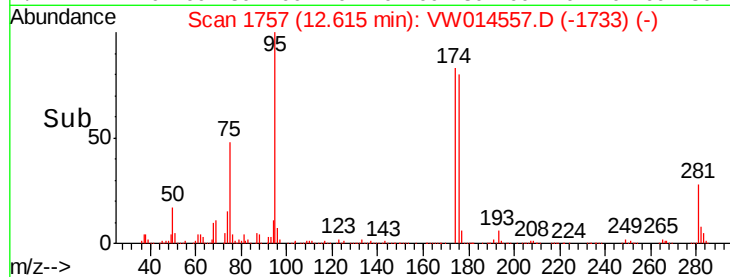
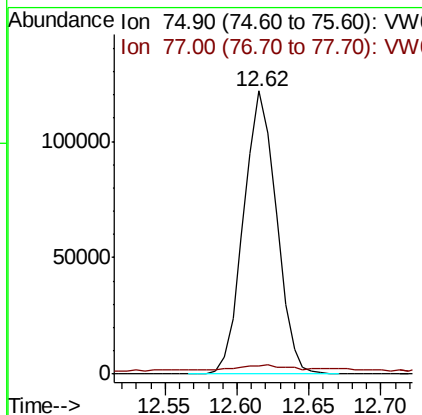
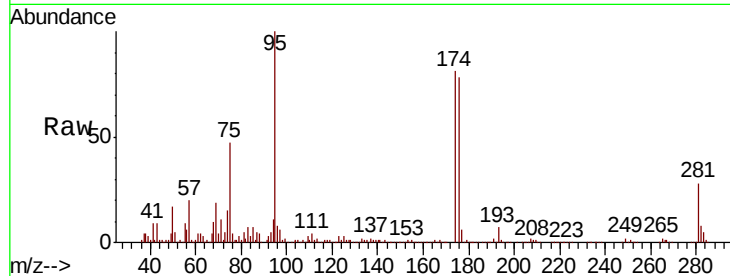


#76

1,2,3-Trichloropropane
Concen: 47.119 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 192027
Ion Ratio Lower Upper
75 100
77 3.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 104.984 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014557.D
Acq: 08 Jan 2020 13:35

Tgt Ion: 75 Resp: 192027
Ion Ratio Lower Upper
75 100
53 0.0 70.9 106.3#
89 0.6 35.8 53.8#

