

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011365.D
 Acq On : 19 Jul 2019 06:33
 Operator : SY/VA
 Sample : K3835-26
 Misc : 6.08G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 08:51:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133329	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	145763	57.85	ug/l	0.00
Spiked Amount			Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	111220	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	
50) Toluene-d8	10.32	98	455488	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.62	95	152658	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	

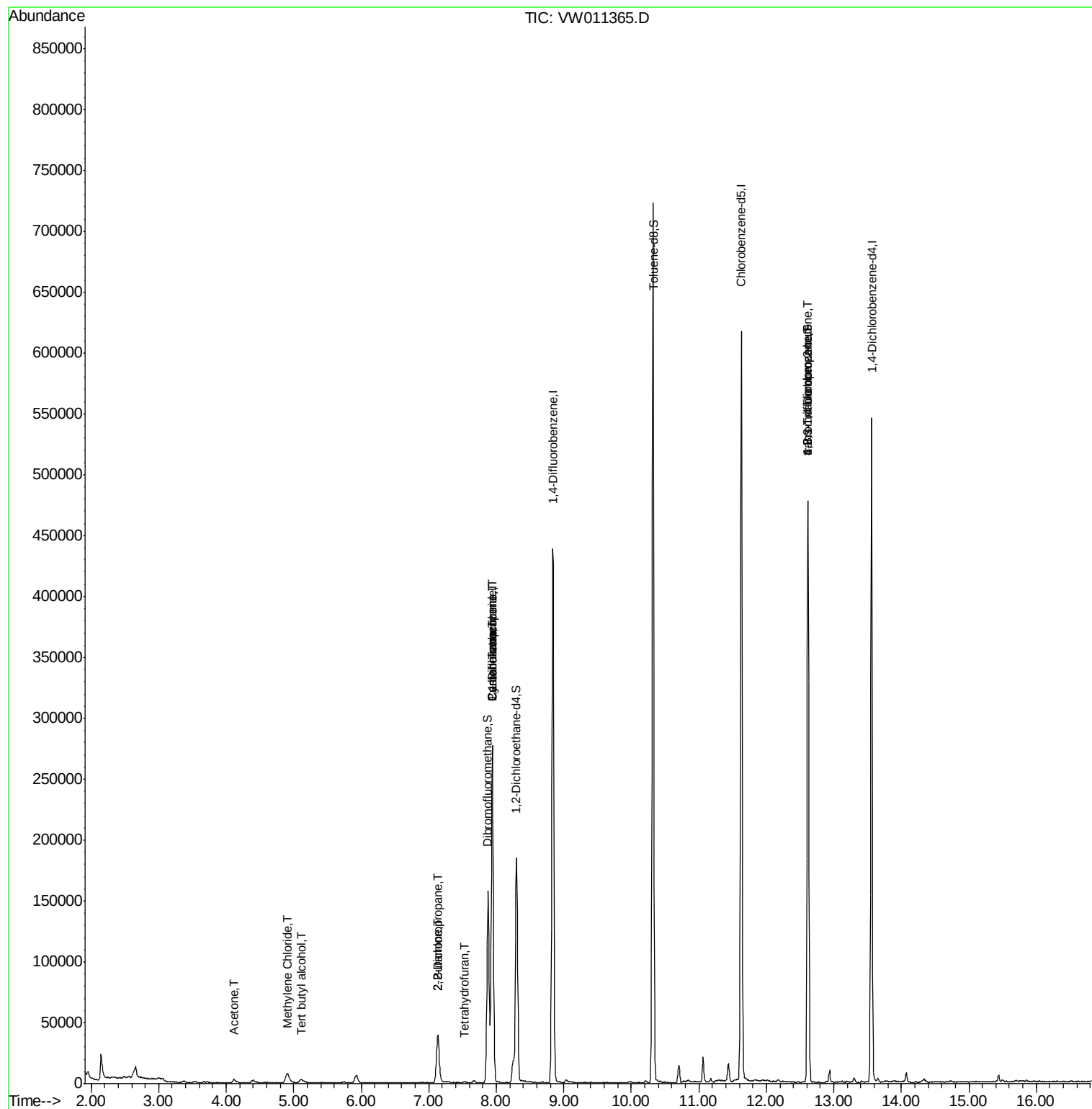
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	3162	16.951	ug/l #	74
16) Acetone	4.12	43	6160	10.161	ug/l	94
18) Methyl Acetate	4.68	43	349	Below Cal	#	57
20) Methylene Chloride	4.91	84	5875	2.457	ug/l	89
25) 2-Butanone	7.13	43	2985	3.137	ug/l #	76
26) 2,2-Dichloropropane	7.13	77	2789	1.170	ug/l #	53
29) Tetrahydrofuran	7.53	42	636	1.019	ug/l #	54
31) Cyclohexane	7.94	56	4999	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17767	4.808	ug/l #	50
38) Carbon Tetrachloride	7.94	117	20718	6.614	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	81483	52.884	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81483	119.614	ug/l #	6

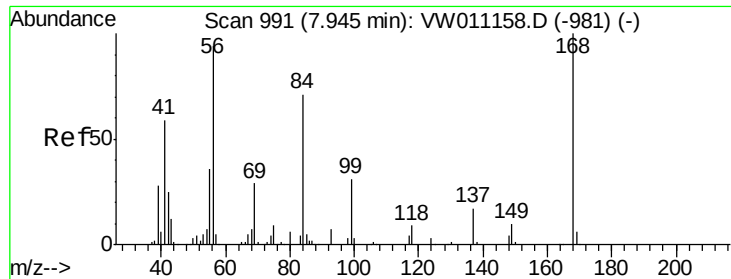
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071819\
Data File : VW011365.D
Acq On : 19 Jul 2019 06:33
Operator : SY/VA
Sample : K3835-26
Misc : 6.08G/5ML/MSVOA W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 19 08:51:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
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: VW011365.D

Acq: 19 Jul 2019 06:33

Instrument :

MSVOA_W

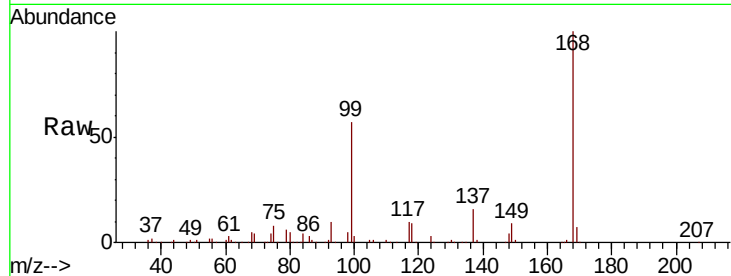
ClientSampled :

Tot Ion:168 Resp: 200511

Ion Ratio Lower Upper

168 100

99 57.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

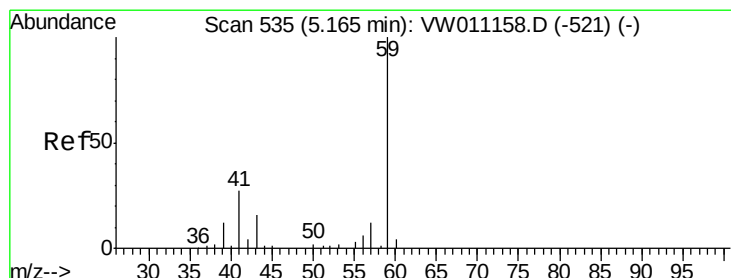
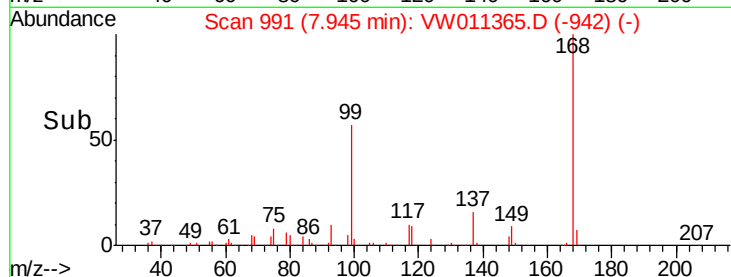
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 16.951 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.05 min

Lab File: VW011365.D

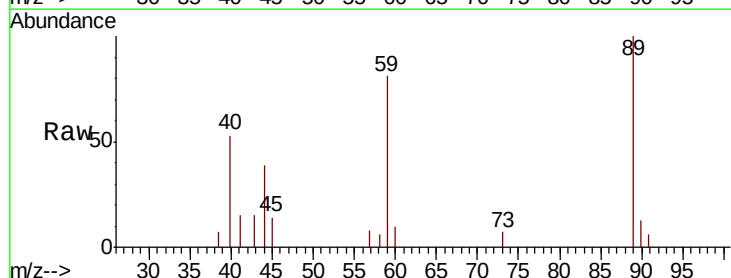
Acq: 19 Jul 2019 06:33

Tgt Ion: 59 Resp: 3162

Ion Ratio Lower Upper

59 100

57 1.5 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

800

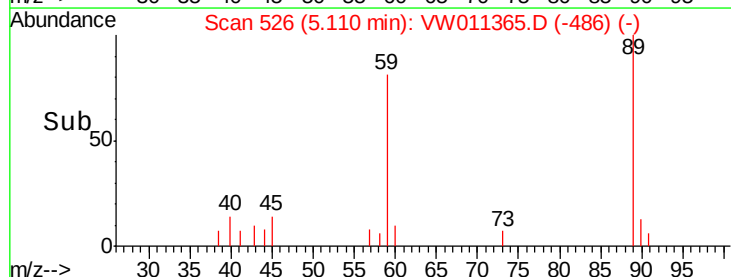
600

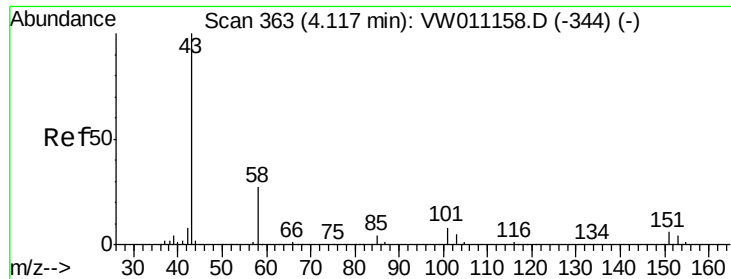
400

200

0

Time--> 5.00 5.10 5.20

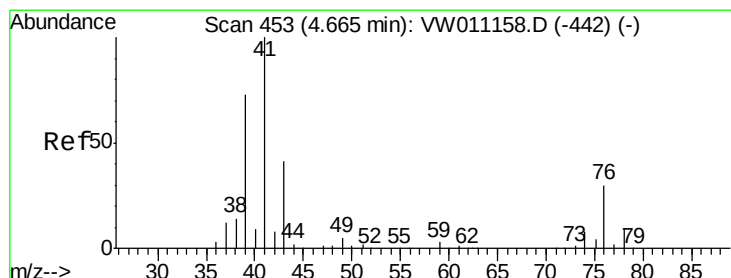
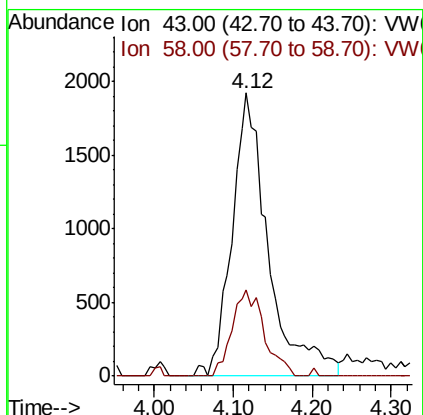
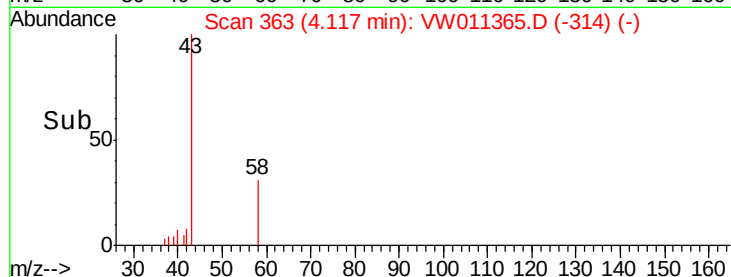
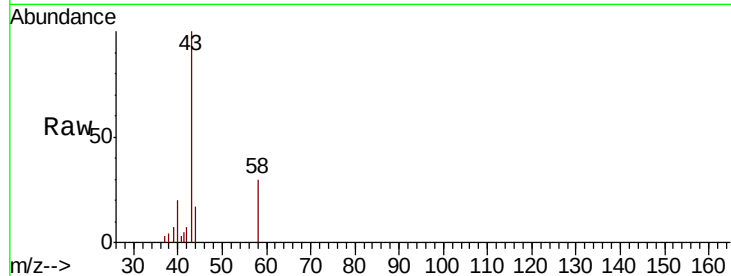




#16
Acetone
Concen: 10.161 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

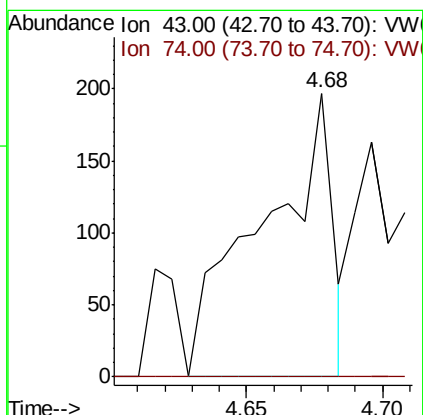
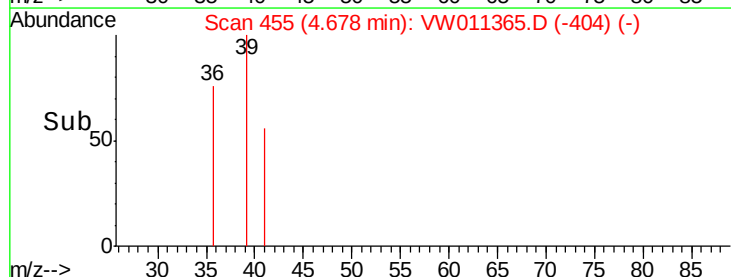
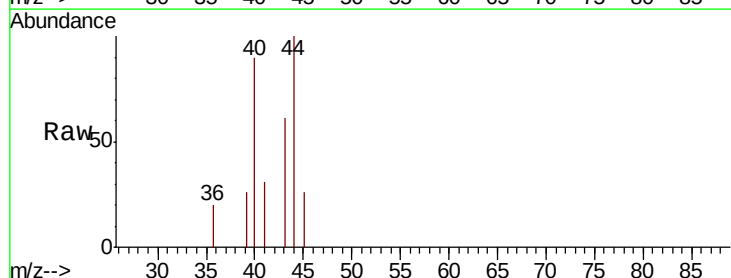
Instrument :
MSVOA_W
ClientSampled :

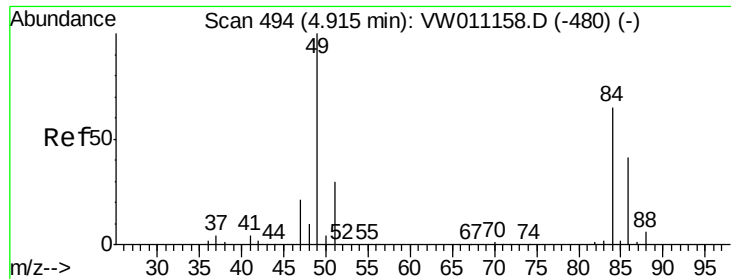
Tot Ion: 43 Resp: 6160
Ion Ratio Lower Upper
43 100
58 30.3 21.8 32.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#

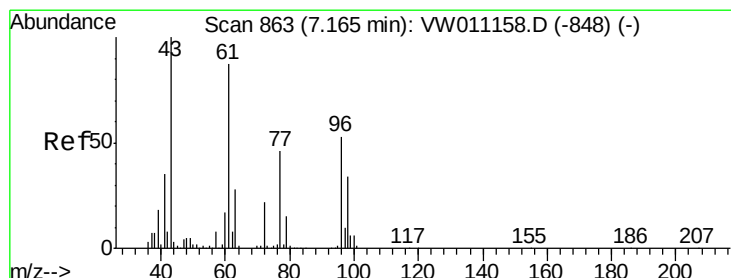
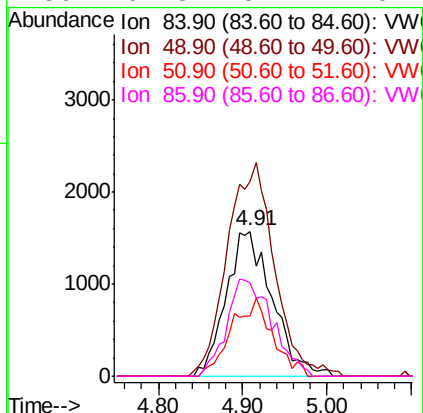
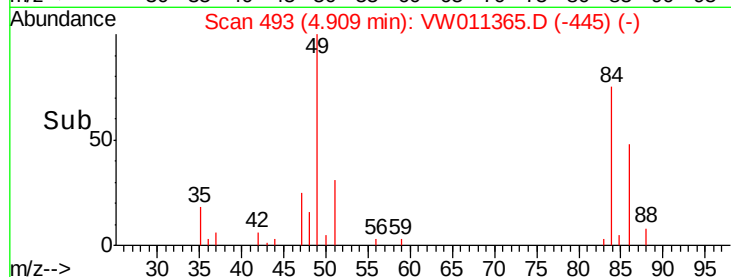
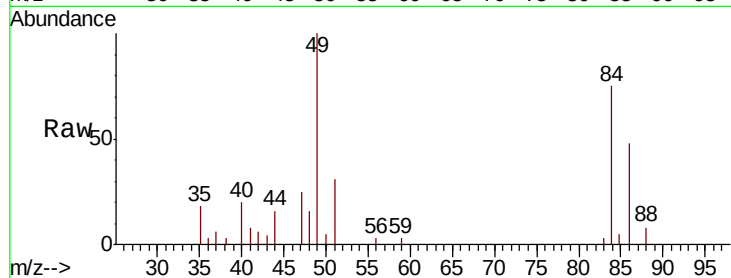




#20
Methylene Chloride
Concen: 2.457 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

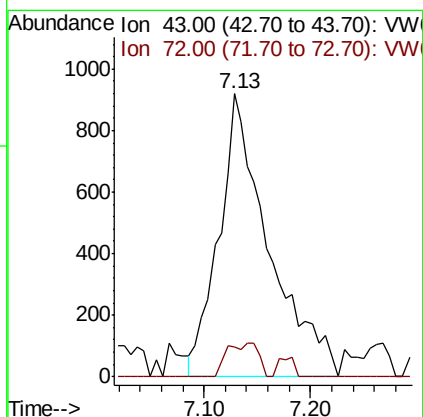
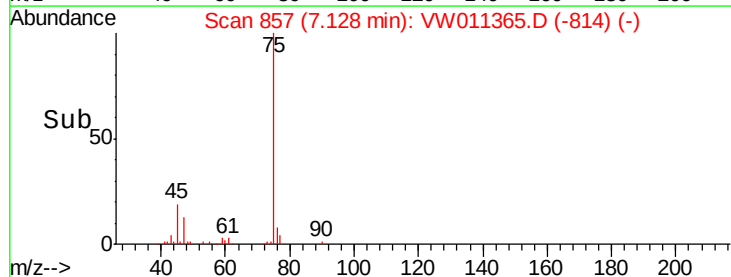
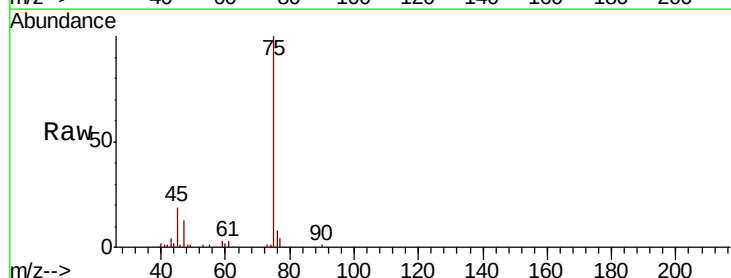
Instrument :
MSVOA_W
ClientSampled :

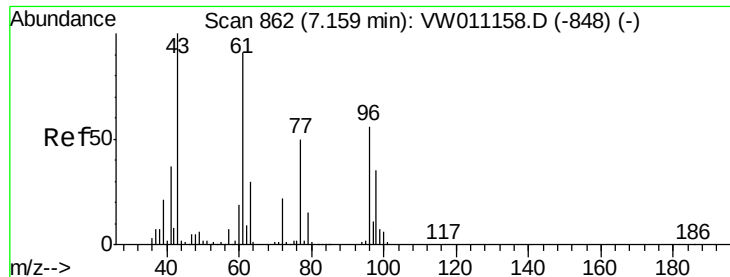
Tot Ion: 84 Resp: 5875
Ion Ratio Lower Upper
84 100
49 133.6 123.8 185.6
51 41.8 37.4 56.2
86 64.3 51.1 76.7



#25
2-Butanone
Concen: 3.137 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

Tgt Ion: 43 Resp: 2985
Ion Ratio Lower Upper
43 100
72 10.3 17.6 26.4#

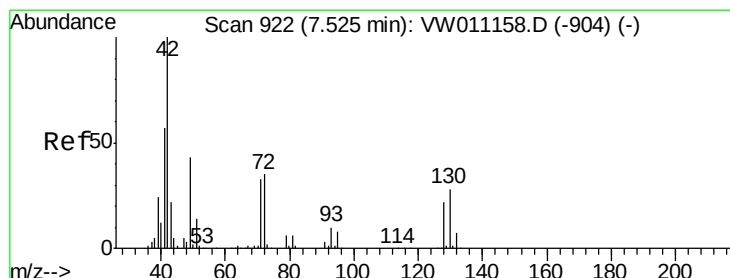
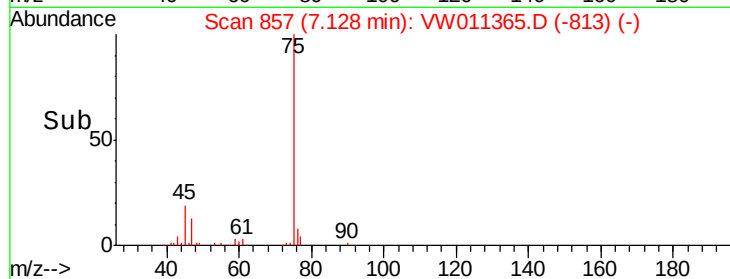
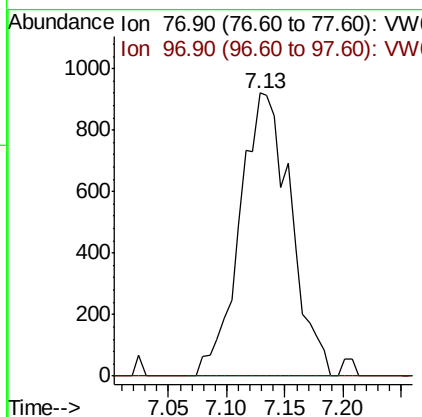
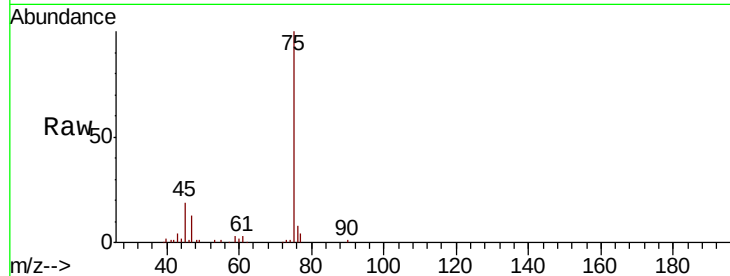




#26
 2,2-Dichloropropane
 Concen: 1.170 ug/l
 RT: 7.13 min Scan# 857
 Delta R.T. -0.03 min
 Lab File: VW011365.D
 Acq: 19 Jul 2019 06:33

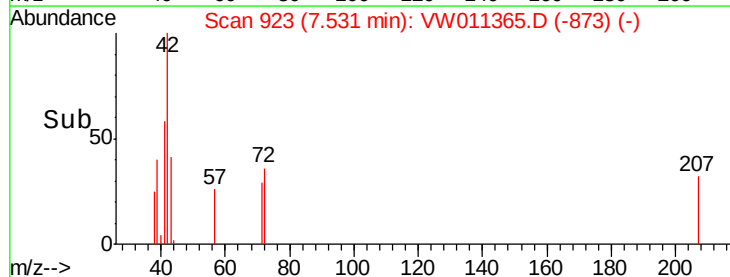
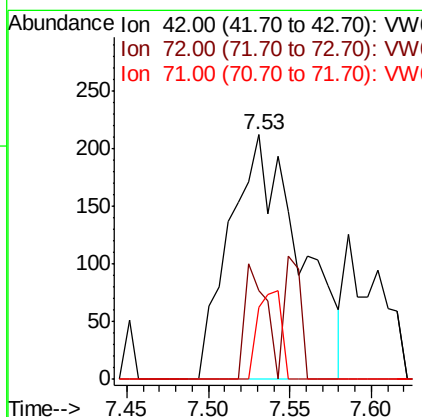
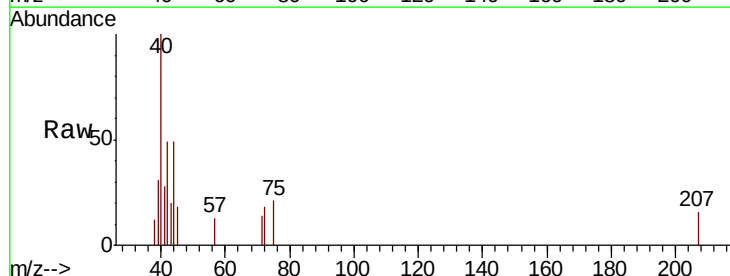
Instrument :
 MSVOA_W
 ClientSampleId :

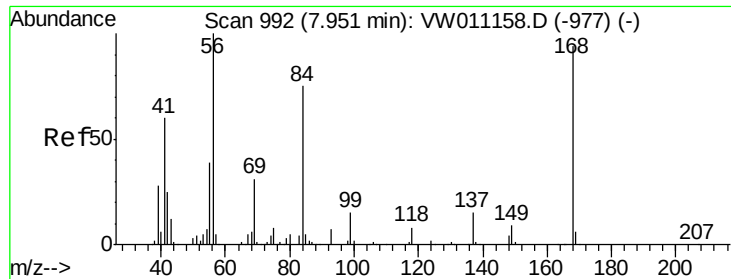
Tot Ion: 77 Resp: 2789
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#29
 Tetrahydrofuran
 Concen: 1.019 ug/l
 RT: 7.53 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VW011365.D
 Acq: 19 Jul 2019 06:33

Tgt Ion: 42 Resp: 636
 Ion Ratio Lower Upper
 42 100
 72 14.0 27.4 41.2#
 71 0.0 25.9 38.9#

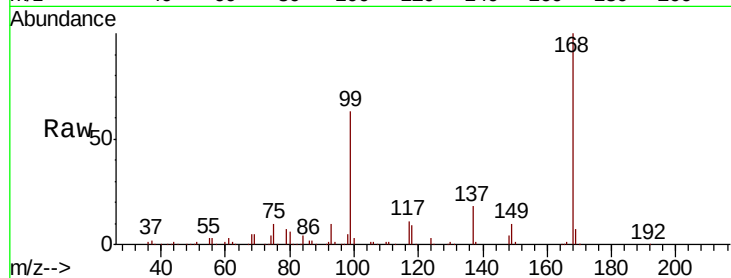




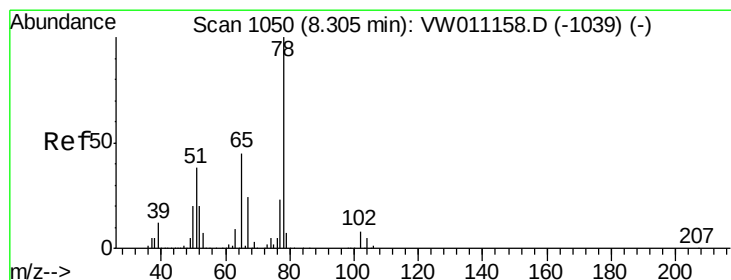
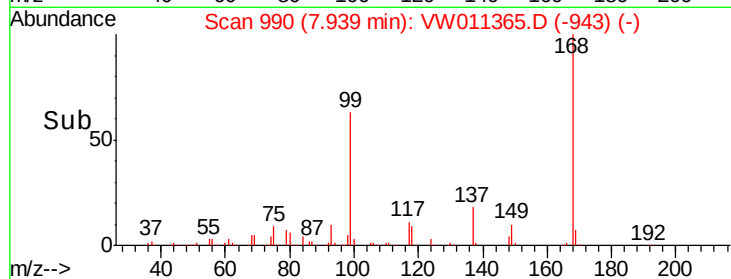
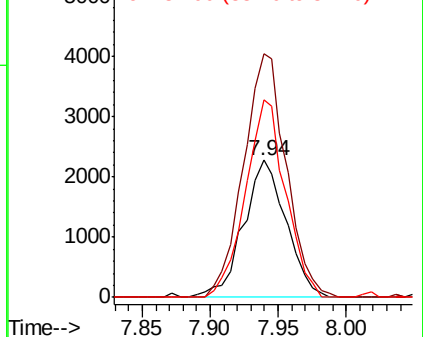
#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4999
Ion Ratio Lower Upper
56 100
69 177.7 24.6 36.8#
84 144.5 60.1 90.1#

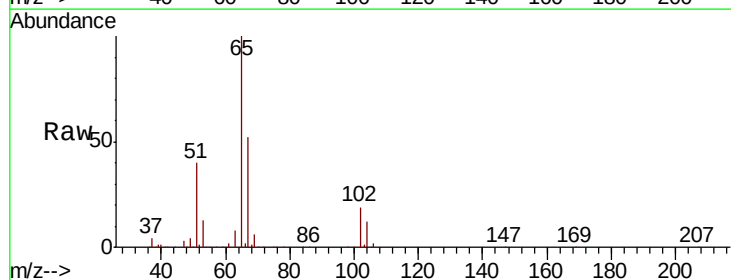


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

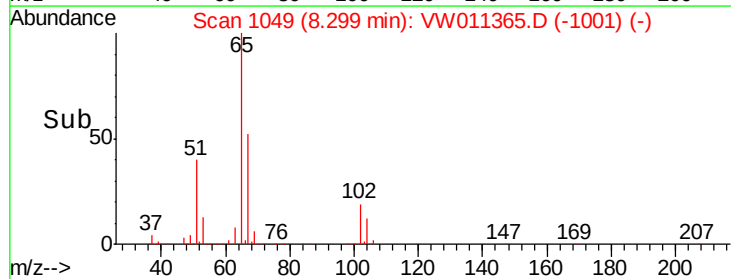
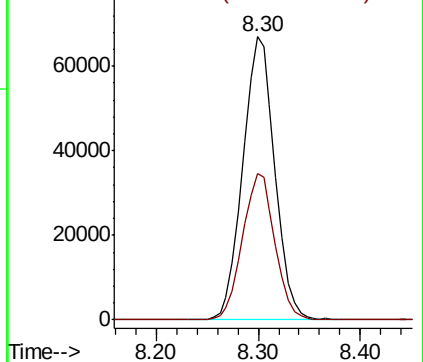


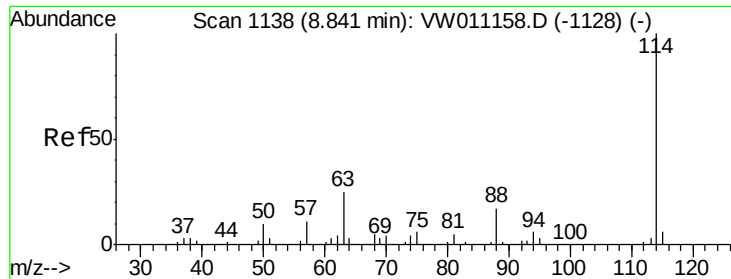
#33
1,2-Dichloroethane-d4
Concen: 57.854 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

Tgt Ion: 65 Resp: 145763
Ion Ratio Lower Upper
65 100
67 52.3 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: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW011365.D

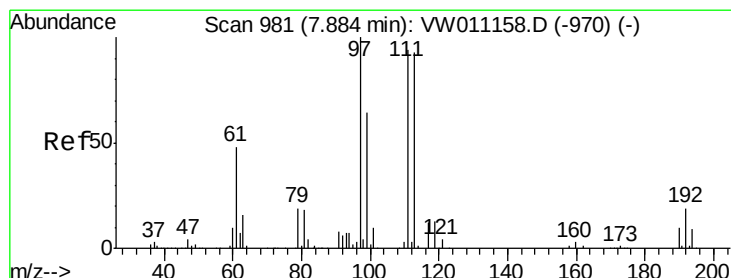
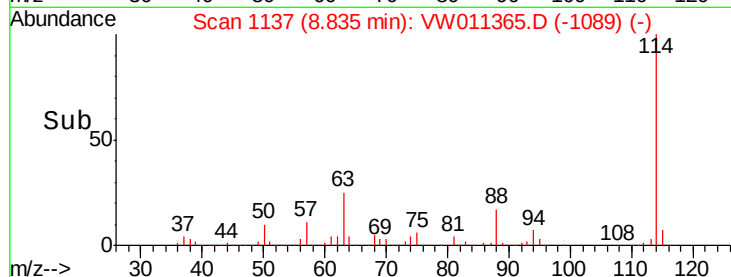
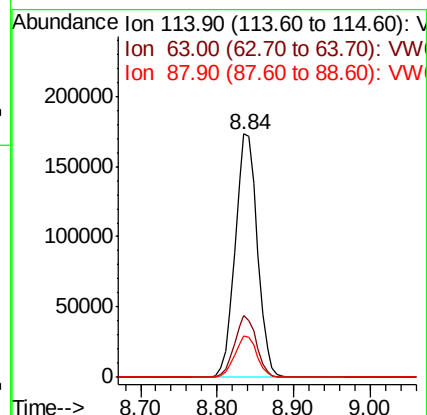
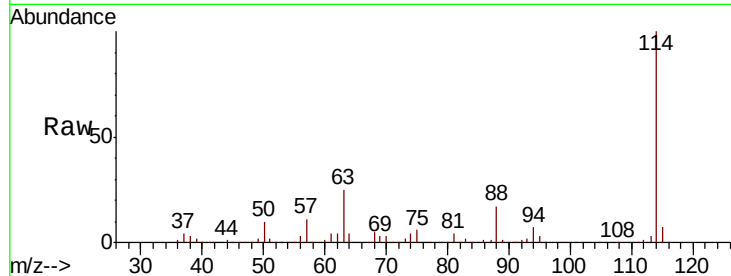
Acq: 19 Jul 2019 06:33

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	114	Resp:	346997
Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	50.8
88	16.8	0.0	34.2



#35

Dibromofluoromethane

Concen: 53.775 ug/l

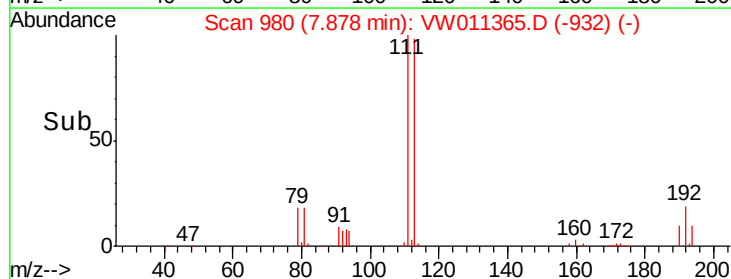
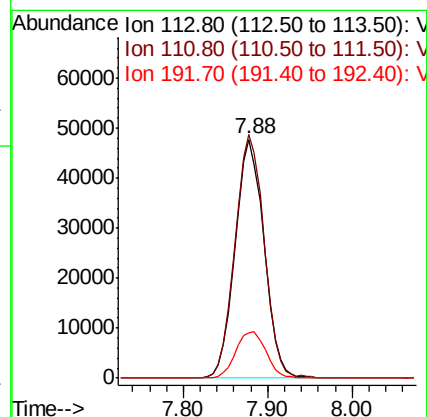
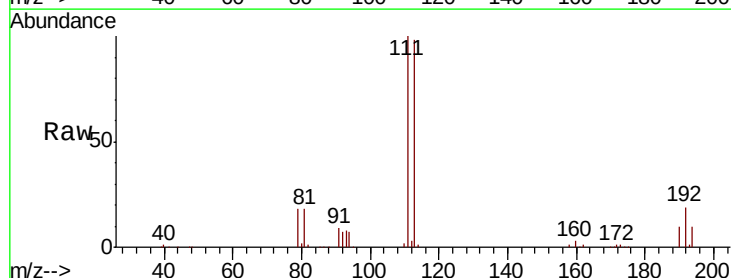
RT: 7.88 min Scan# 980

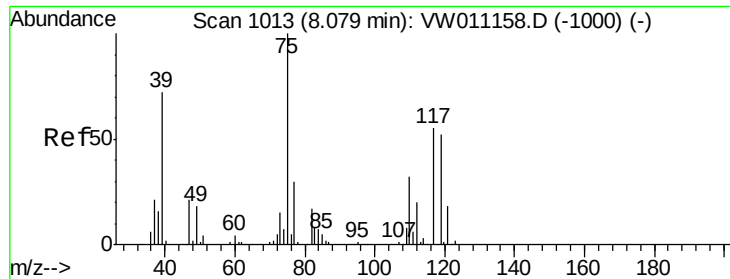
Delta R.T. -0.01 min

Lab File: VW011365.D

Acq: 19 Jul 2019 06:33

Tgt Ion:	113	Resp:	111220
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	20.1	15.8	23.8

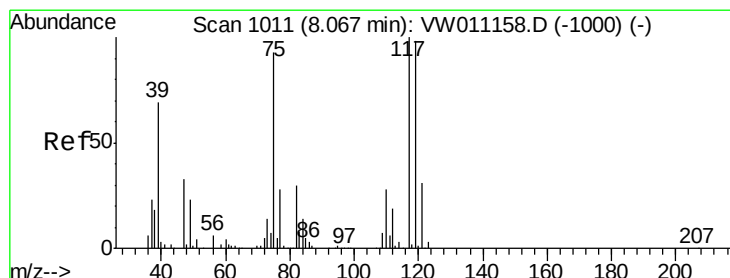
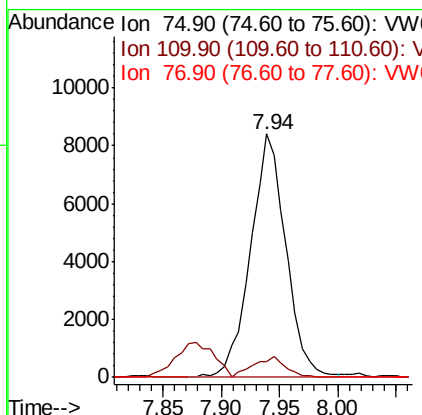
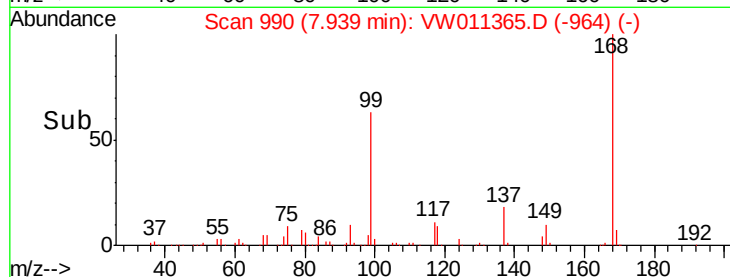
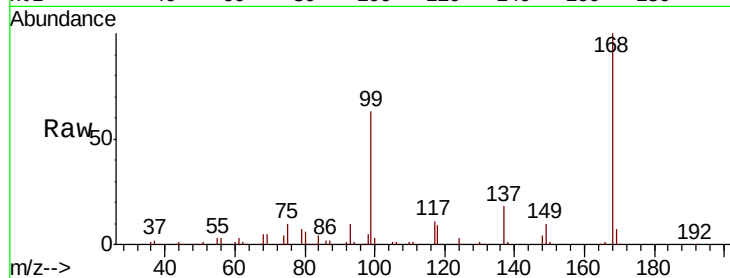




#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011365.D
 Acq: 19 Jul 2019 06:33

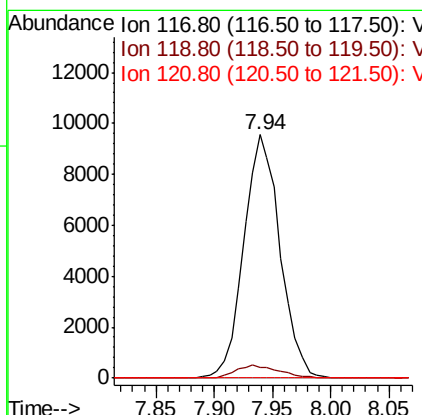
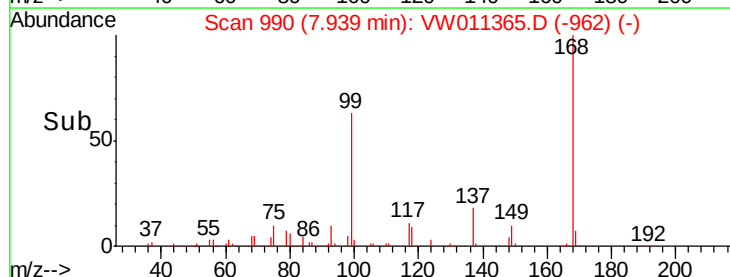
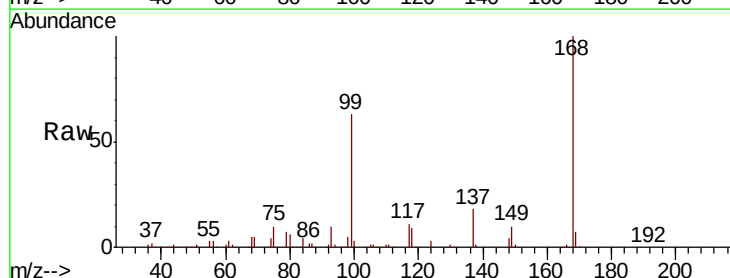
Instrument :
 MSVOA_W
 ClientSampled :

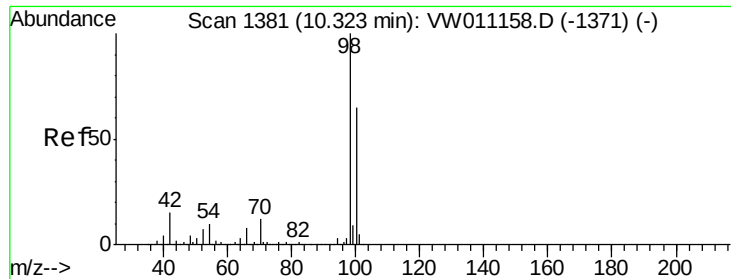
Tot Ion: 75 Resp: 17767
 Ion Ratio Lower Upper
 75 100
 110 7.7 15.9 47.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.614 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011365.D
 Acq: 19 Jul 2019 06:33

Tgt Ion: 117 Resp: 20718
 Ion Ratio Lower Upper
 117 100
 119 4.2 78.1 117.1#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 54.483 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011365.D

Acq: 19 Jul 2019 06:33

Instrument :

MSVOA_W

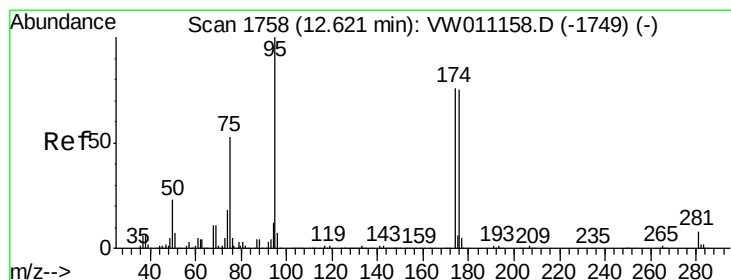
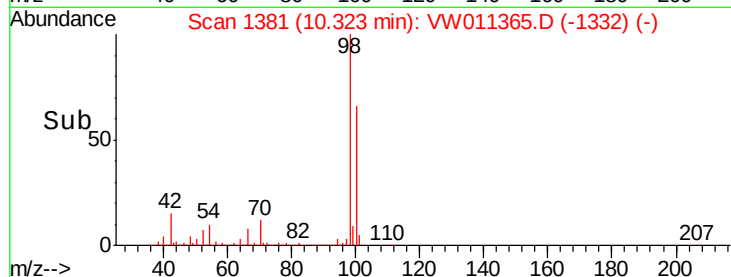
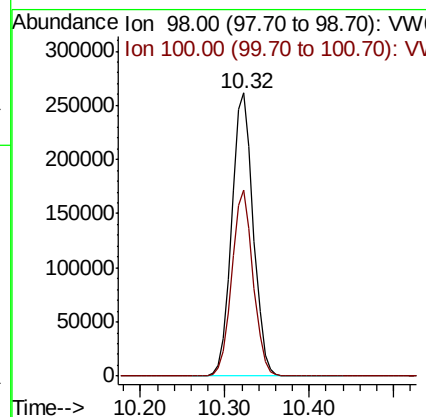
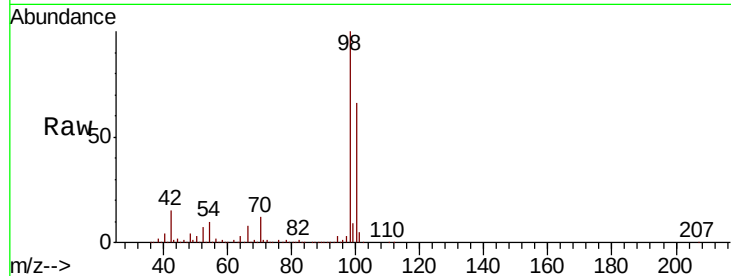
ClientSampleId :

Tot Ion: 98 Resp: 455488

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 49.818 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011365.D

Acq: 19 Jul 2019 06:33

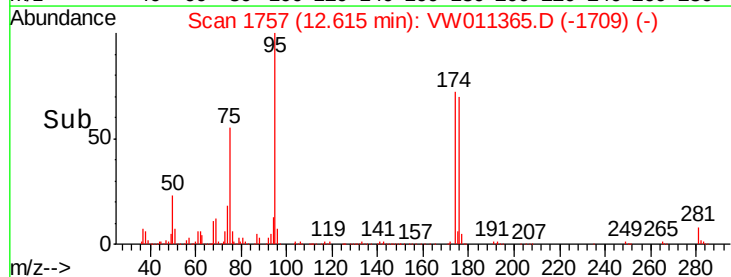
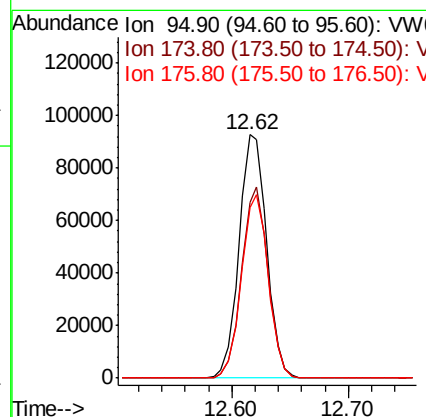
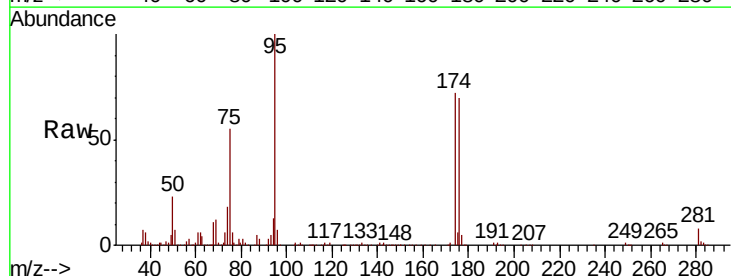
Tgt Ion: 95 Resp: 152658

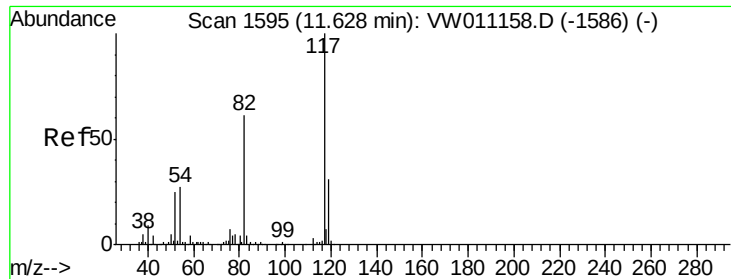
Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.6

176 73.5 0.0 144.6

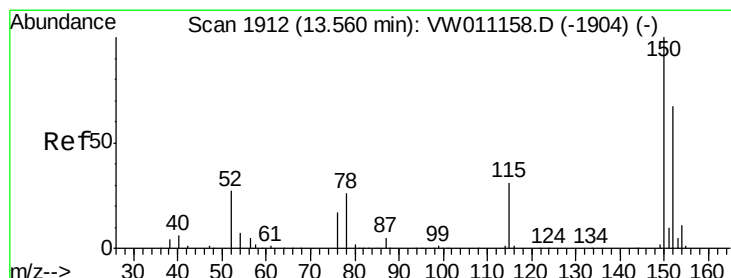
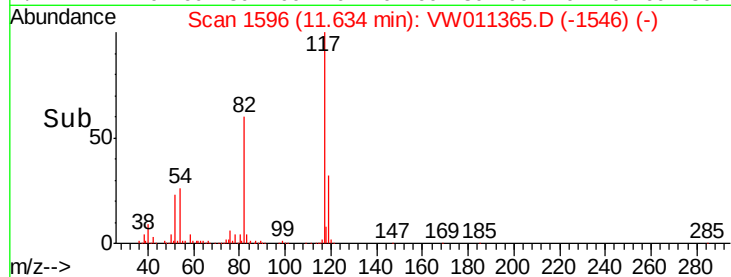
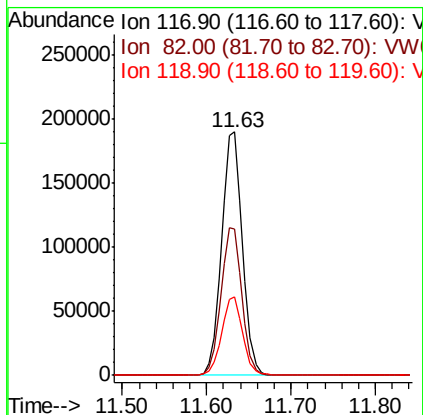
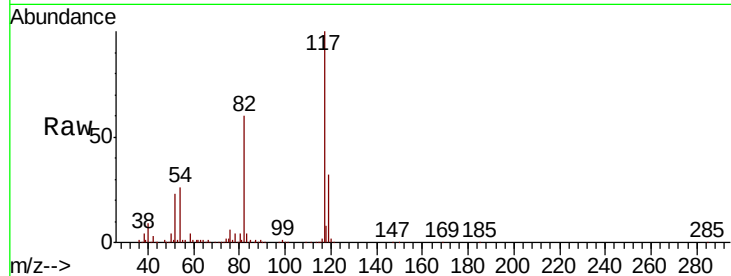




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

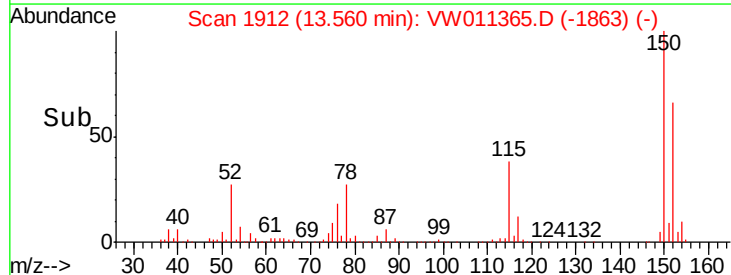
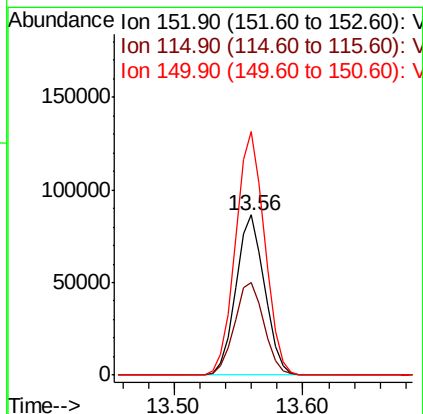
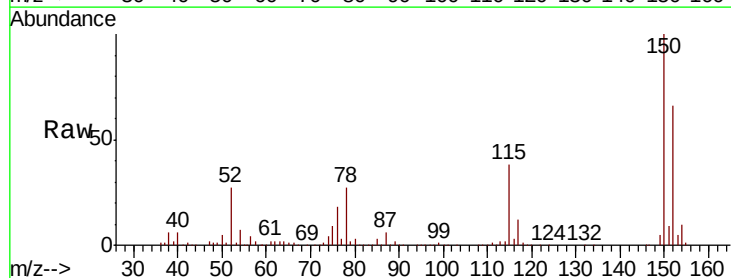
Instrument :
MSVOA_W
ClientSampleId :

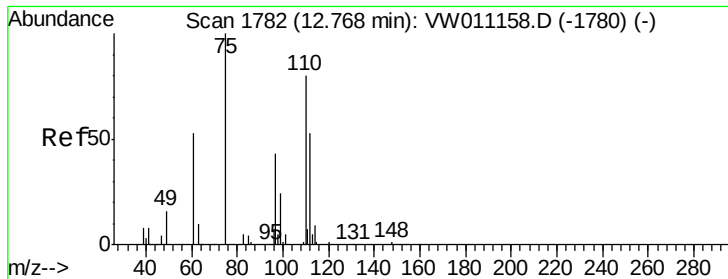
Tot Ion:117 Resp: 321463
Ion Ratio Lower Upper
117 100
82 60.0 48.9 73.3
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011365.D
Acq: 19 Jul 2019 06:33

Tgt Ion:152 Resp: 133329
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.3
150 154.6 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 52.884 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011365.D

Acq: 19 Jul 2019 06:33

Instrument :

MSVOA_W

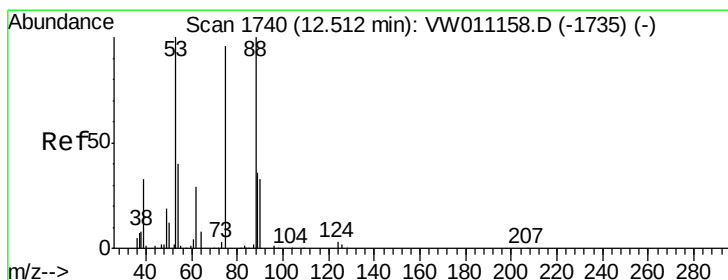
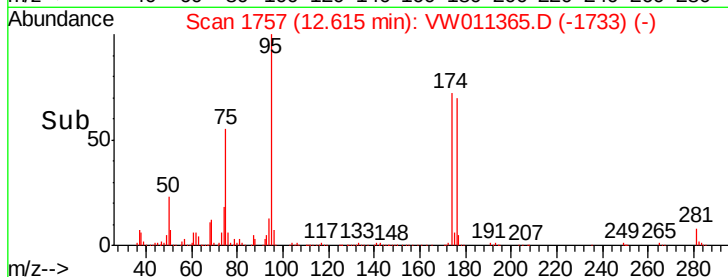
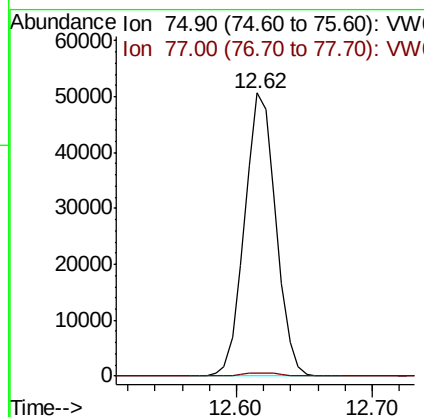
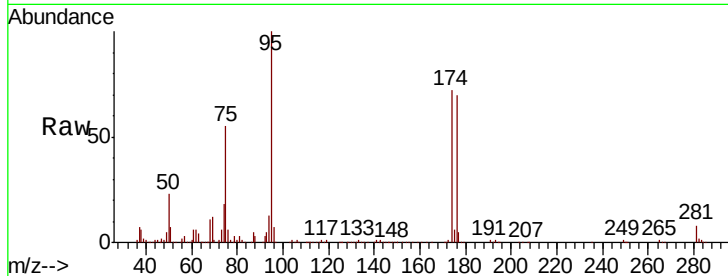
ClientSampled :

Tot Ion: 75 Resp: 81483

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.614 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011365.D

Acq: 19 Jul 2019 06:33

Tgt Ion: 75 Resp: 81483

Ion Ratio Lower Upper

75 100

53 0.2 89.8 134.6#

89 0.0 34.3 51.5#

