

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011358.D
 Acq On : 19 Jul 2019 03:25
 Operator : SY/VA
 Sample : K3835-07
 Misc : 5.33G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 06:50:20 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	156163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	271135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	192532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75956	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	102732	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	77916	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	10.32	98	173537	26.57	ug/l	0.00
Spiked Amount			Recovery	=	53.14%	
62) 4-Bromofluorobenzene	12.62	95	79927	33.38	ug/l	0.00
Spiked Amount			Recovery	=	66.76%	

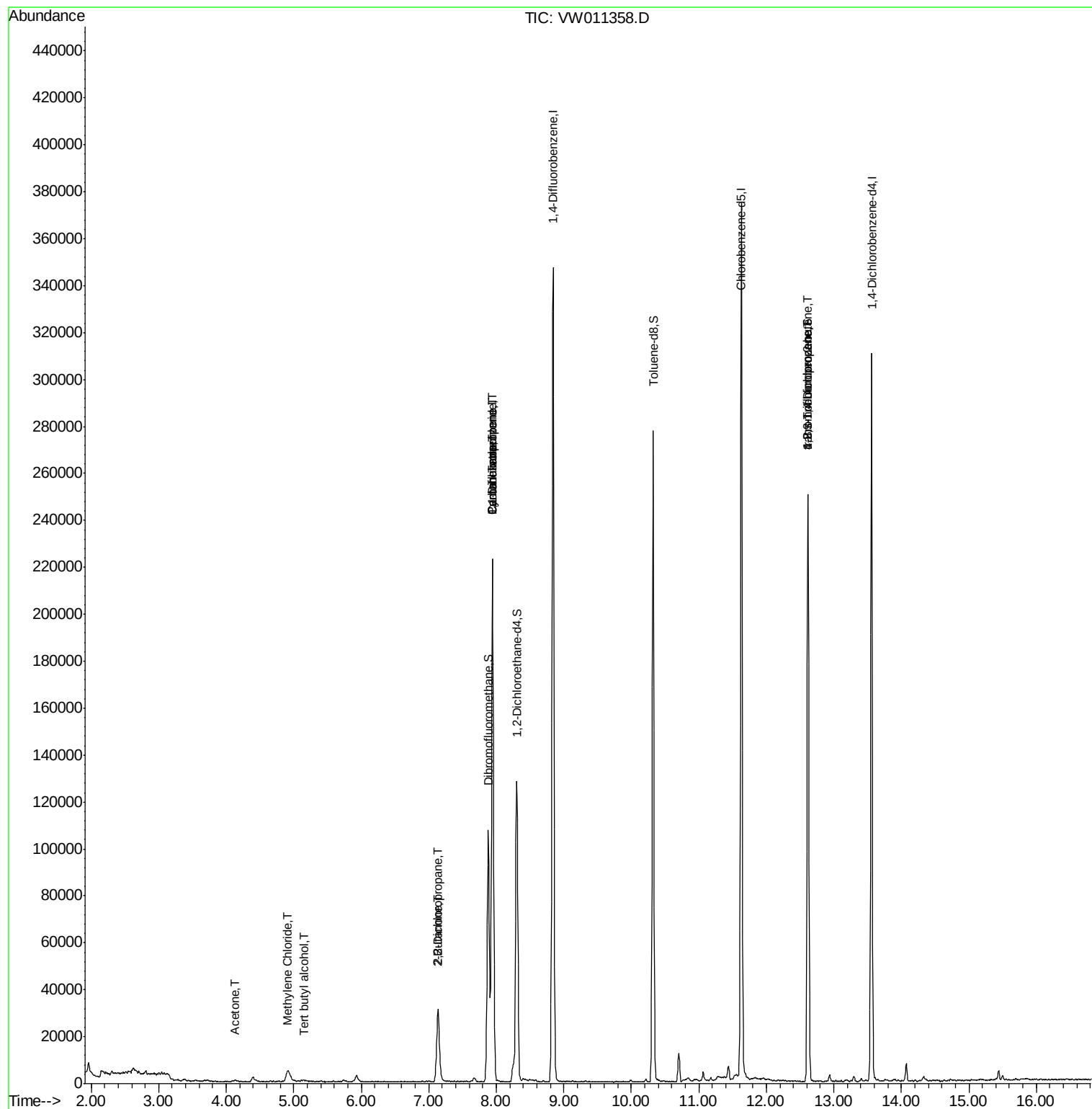
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	470	3.235	ug/l #	70
16) Acetone	4.13	43	1287	2.726	ug/l #	86
18) Methyl Acetate	4.68	43	815	Below Cal	#	62
20) Methylene Chloride	4.91	84	3998	2.147	ug/l	93
25) 2-Butanone	7.15	43	2268	3.060	ug/l #	54
26) 2,2-Dichloropropane	7.14	77	2172	1.169	ug/l #	53
31) Cyclohexane	7.95	56	3959	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	13697	4.744	ug/l #	52
38) Carbon Tetrachloride	7.95	117	15644	6.391	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	43450	49.500	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43450	111.961	ug/l #	6

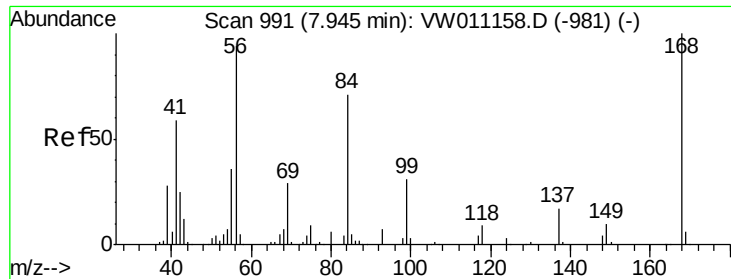
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071819\
Data File : VW011358.D
Acq On : 19 Jul 2019 03:25
Operator : SY/VA
Sample : K3835-07
Misc : 5.33G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 19 06:50:20 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: VW011358.D

Acq: 19 Jul 2019 03:25

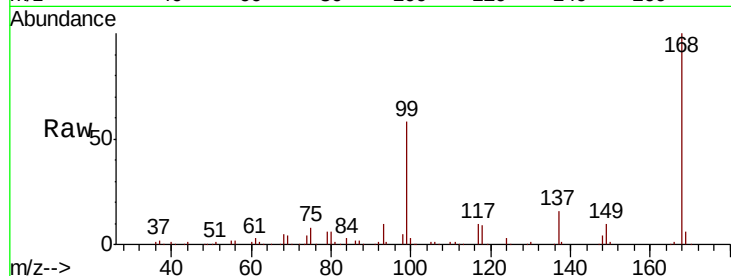
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 156163

Ion Ratio Lower Upper

168 100

99 58.3 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

80000

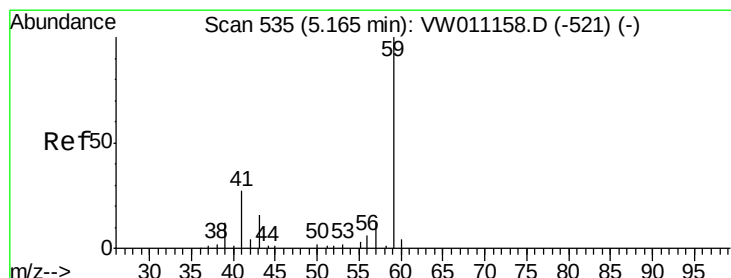
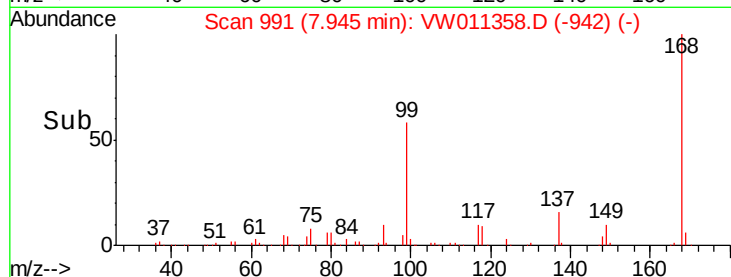
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 3.235 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW011358.D

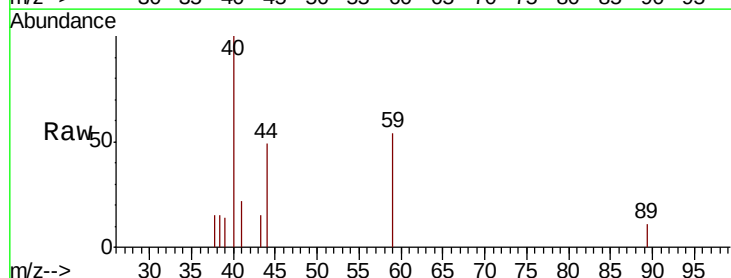
Acq: 19 Jul 2019 03:25

Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

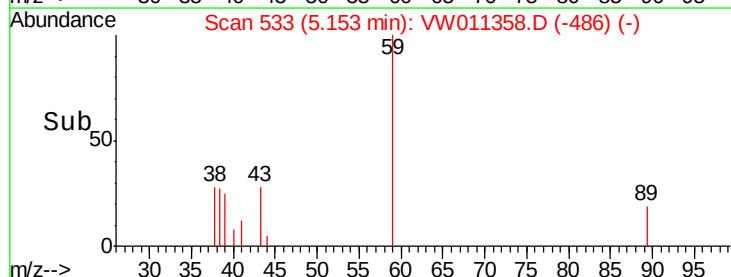
300

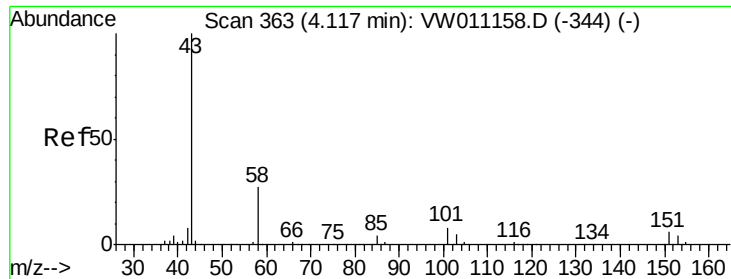
200

100

0

Time--> 5.15 5.20

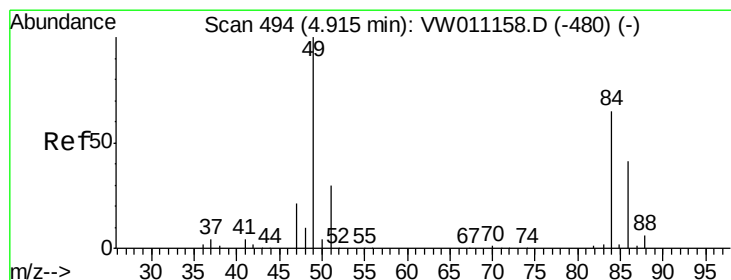
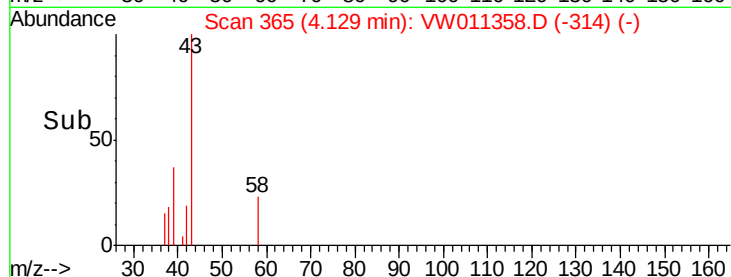
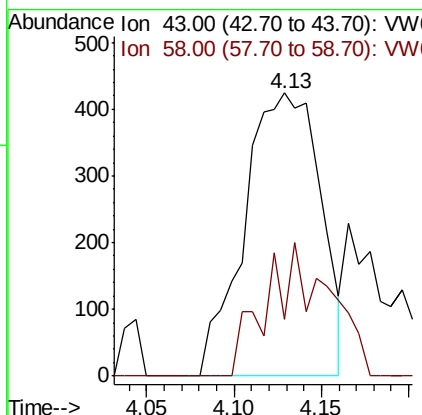
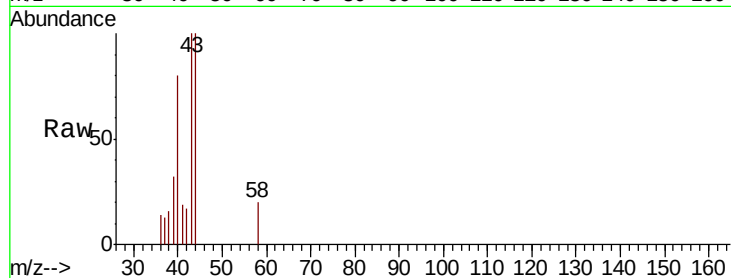




#16
Acetone
Concen: 2.726 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

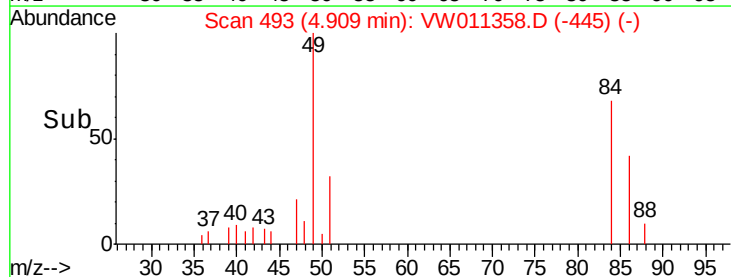
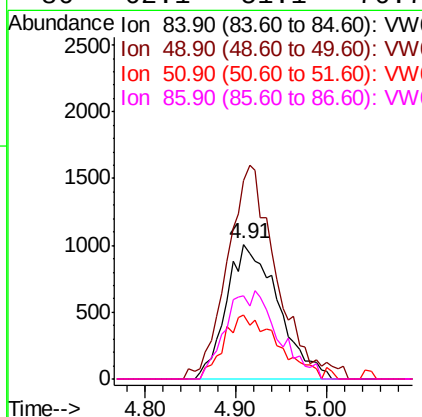
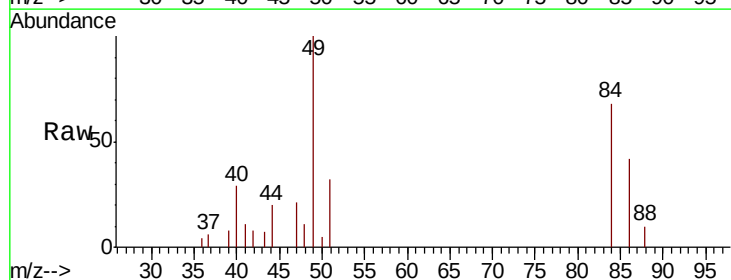
Instrument :
MSVOA_W
ClientSampleId :

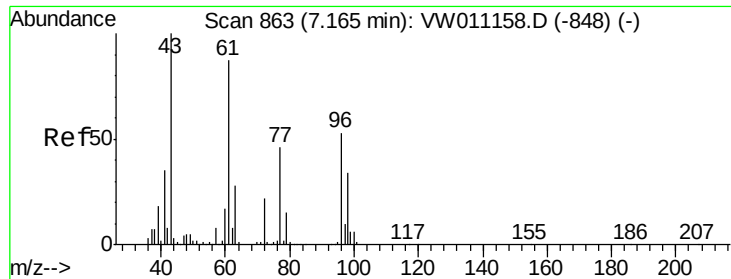
Tot Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
58 19.8 21.8 32.6#



#20
Methylene Chloride
Concen: 2.147 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

Tgt Ion: 84 Resp: 3998
Ion Ratio Lower Upper
84 100
49 139.8 123.8 185.6
51 47.0 37.4 56.2
86 62.1 51.1 76.7





#25

2-Butanone

Concen: 3.060 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

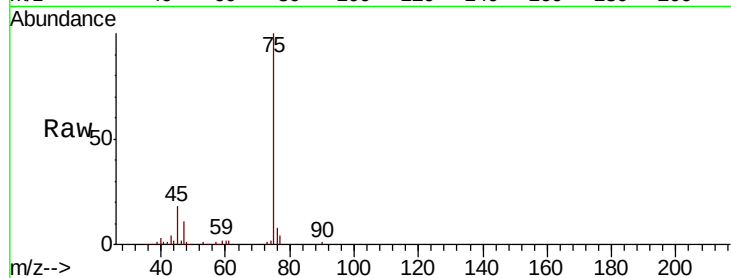
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2268

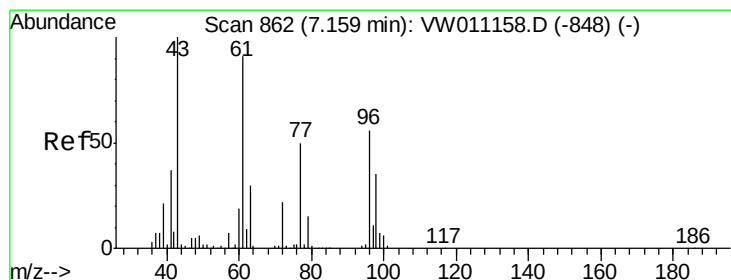
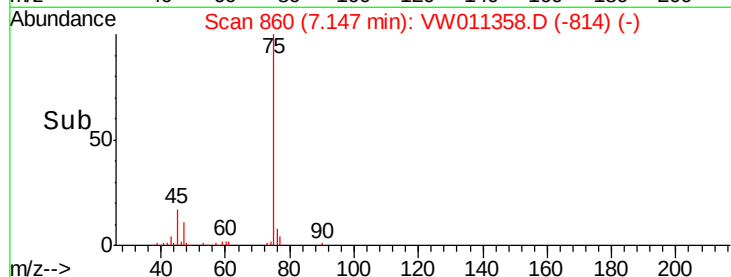
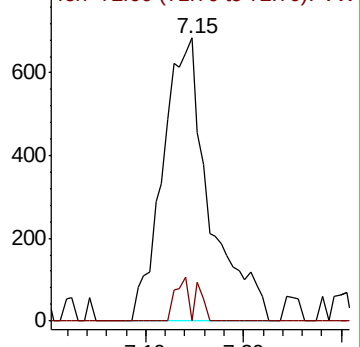
Ion Ratio Lower Upper

43 100

72 0.0 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.169 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011358.D

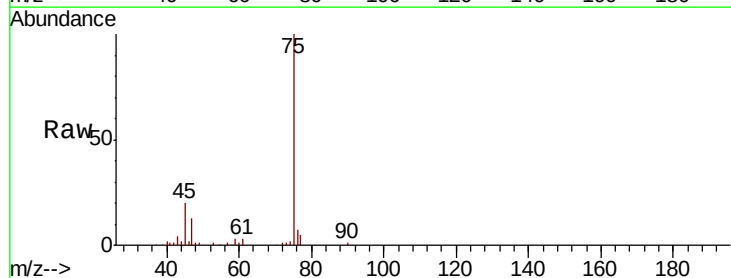
Acq: 19 Jul 2019 03:25

Tgt Ion: 77 Resp: 2172

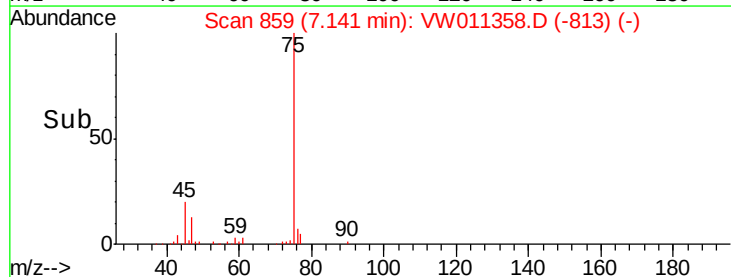
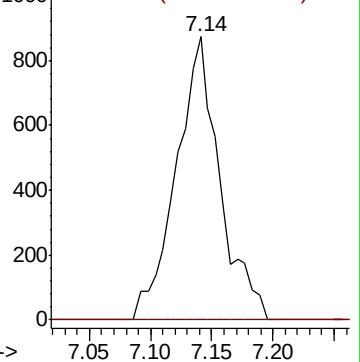
Ion Ratio Lower Upper

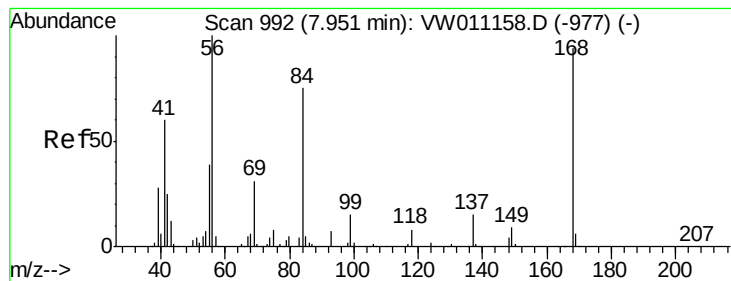
77 100

97 0.0 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW





#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

Instrument :
MSVOA_W
ClientSampled :

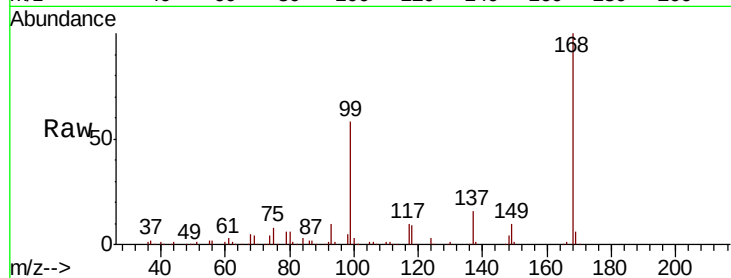
Tot Ion: 56 Resp: 3959

Ion Ratio Lower Upper

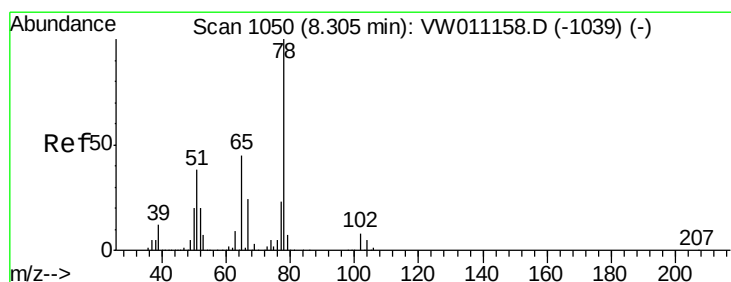
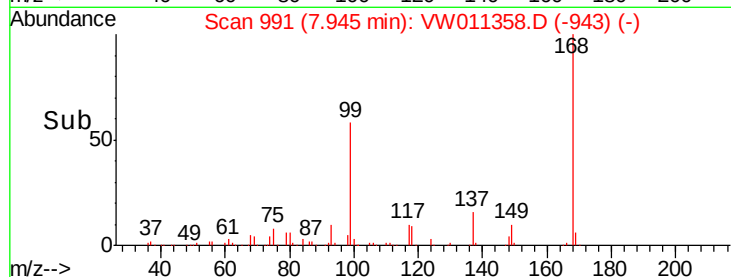
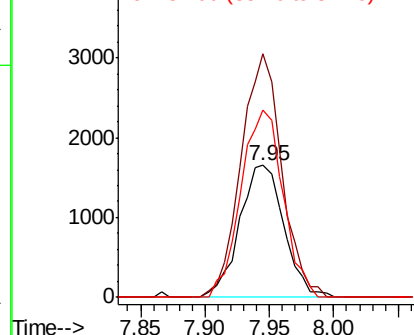
56 100

69 184.7 24.6 36.8#

84 141.7 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: 52.354 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011358.D

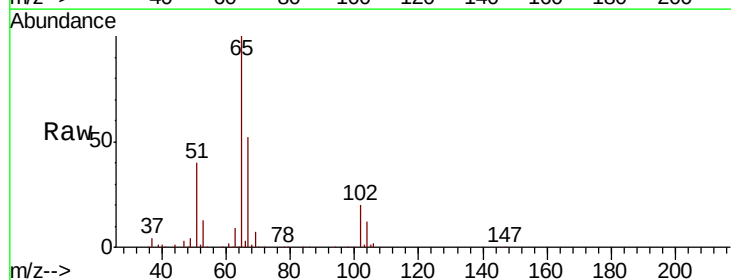
Acq: 19 Jul 2019 03:25

Tgt Ion: 65 Resp: 102732

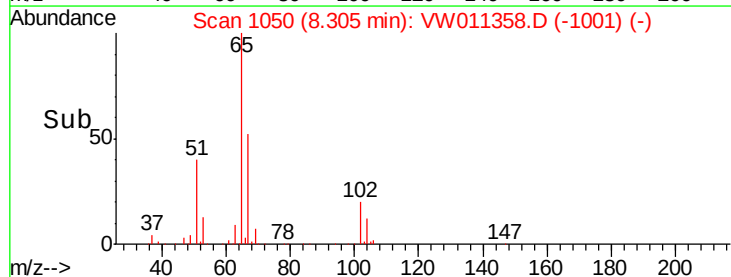
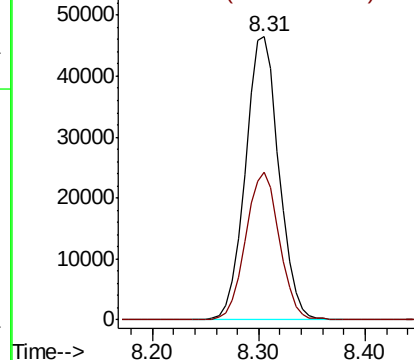
Ion Ratio Lower Upper

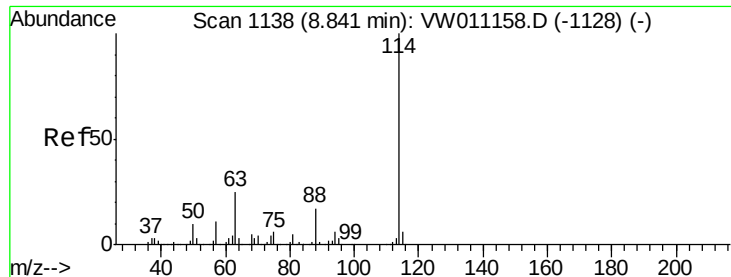
65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

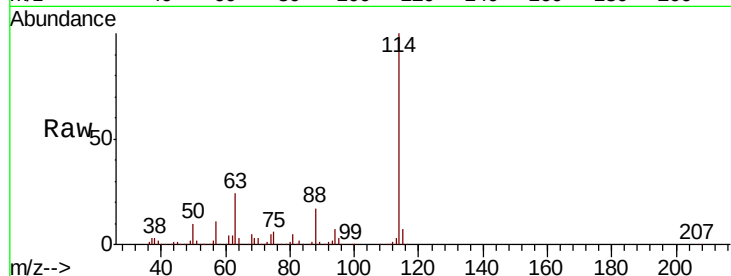




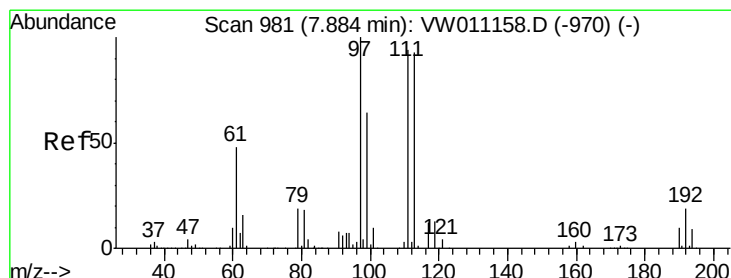
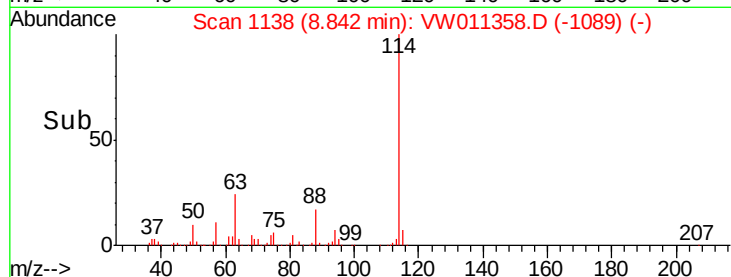
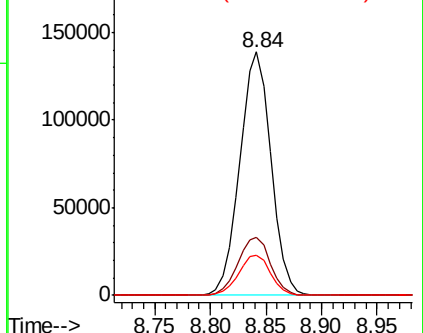
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	50.8
88	16.6	0.0	34.2

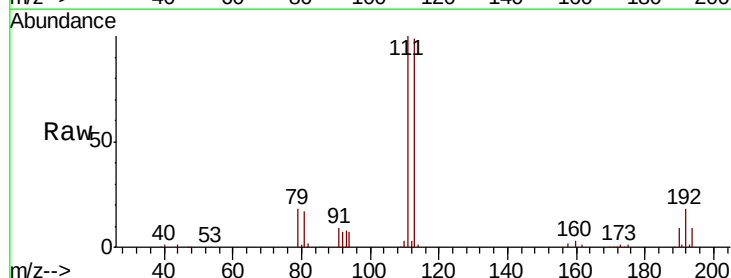


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

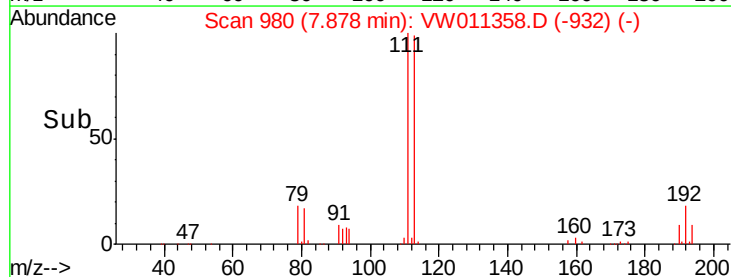
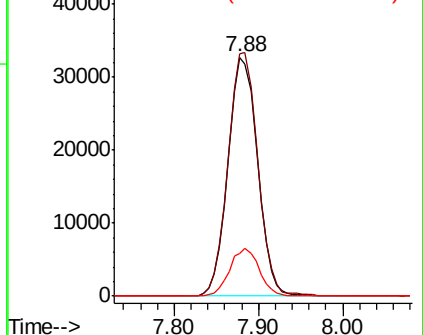


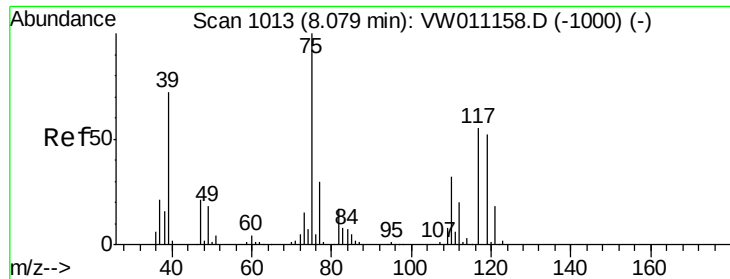
#35
 Dibromofluoromethane
 Concen: 48.213 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	19.7	15.8	23.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

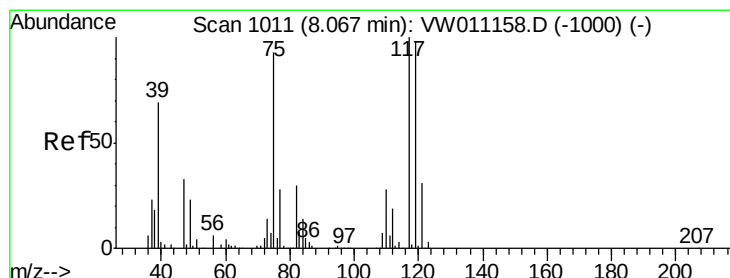
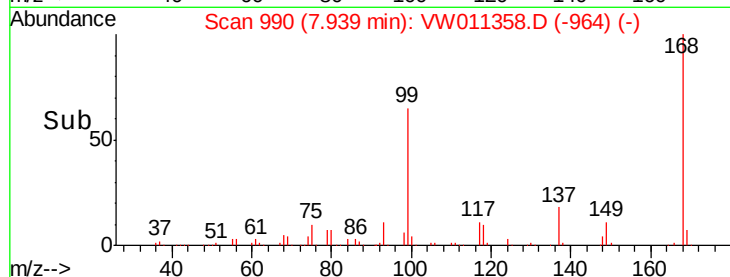
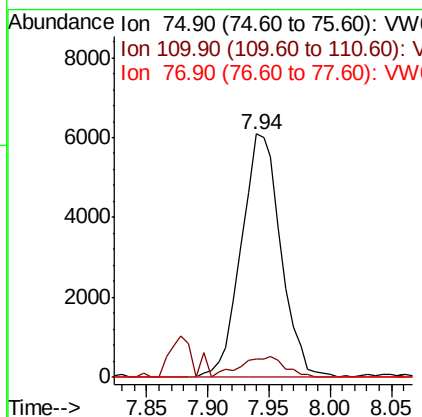
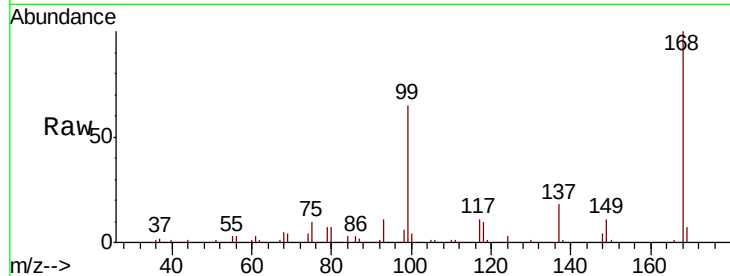




#36
 1,1-Dichloropropene
 Concen: 4.744 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

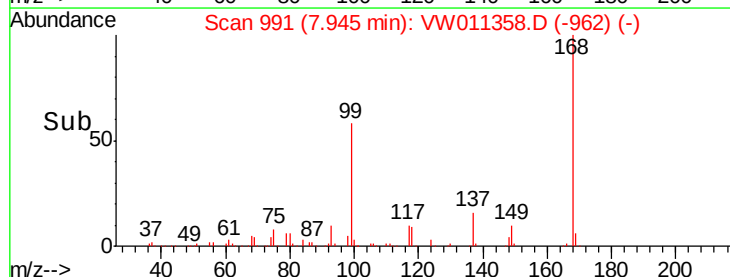
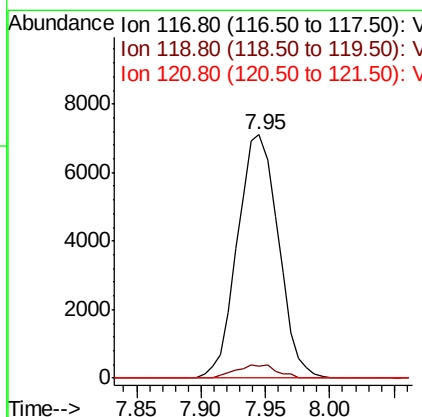
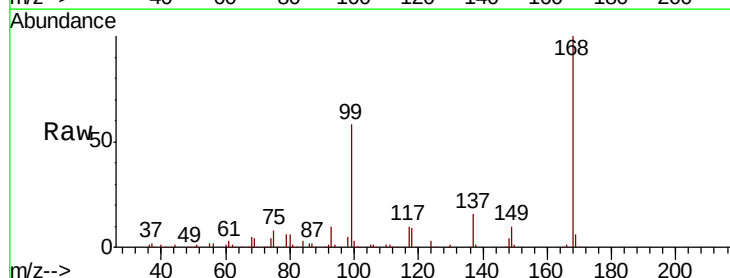
Instrument :
 MSVOA_W
 ClientSampleId :

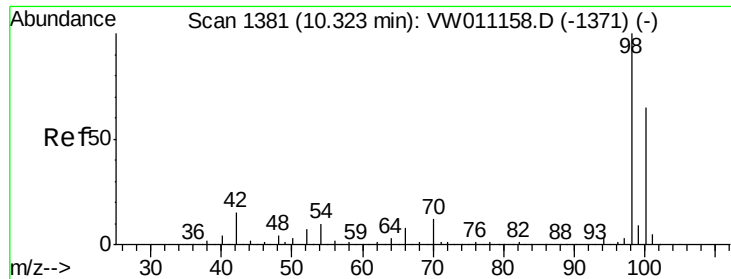
Tot Ion	75	Resp	13697
Ion Ratio	Lower	Upper	
75	100		
110	9.2	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.391 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

Tgt Ion	117	Resp	15644
Ion Ratio	Lower	Upper	
117	100		
119	5.0	78.1	117.1#
121	0.0	25.1	37.7#

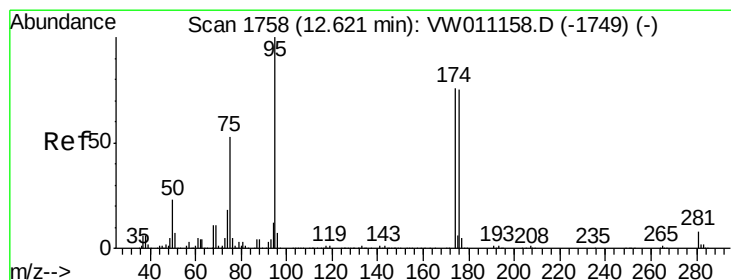
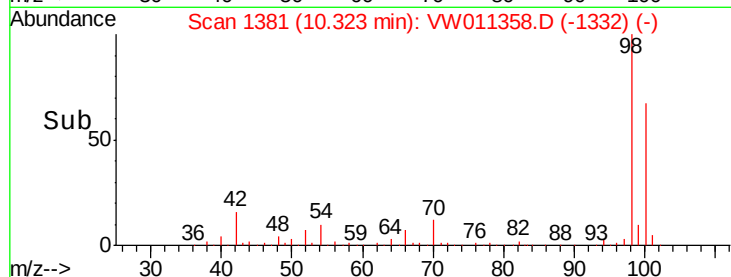
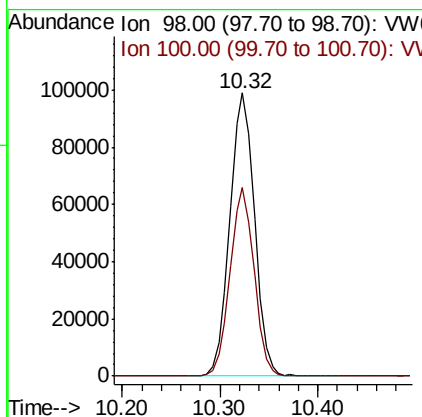
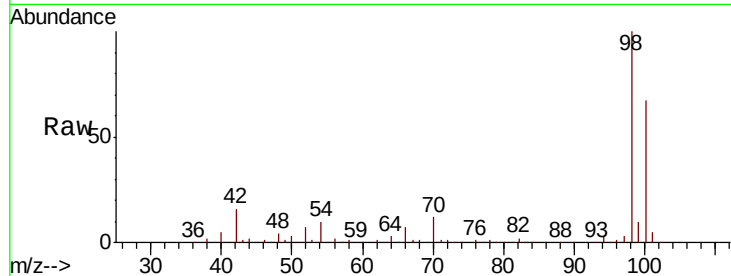




#50
Toluene-d8
Concen: 26.565 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

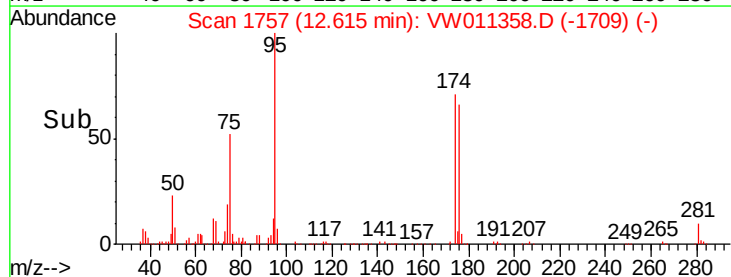
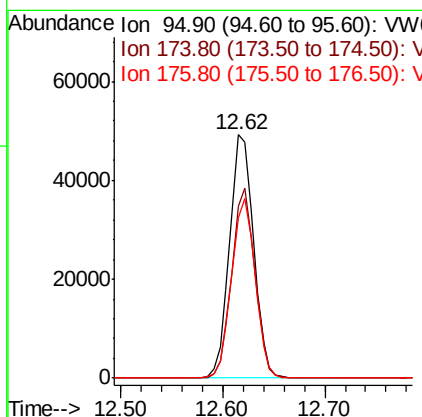
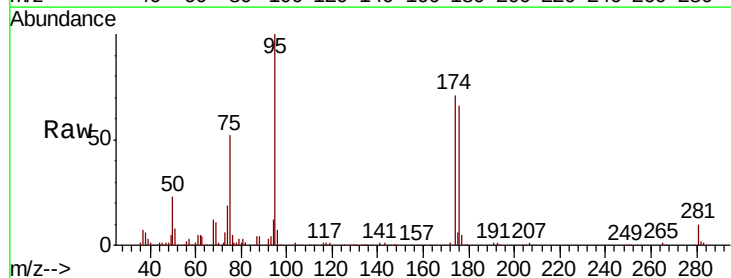
Instrument :
MSVOA_W
ClientSampleId :

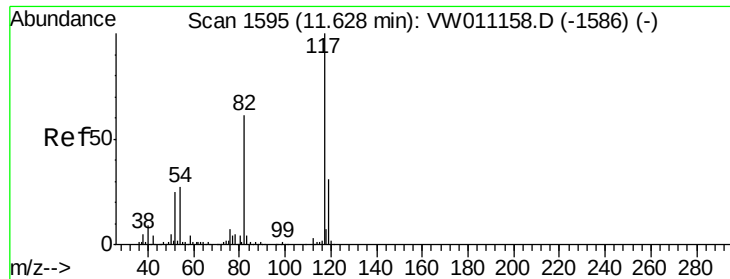
Tot Ion: 98 Resp: 173537
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 33.381 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

Tgt Ion: 95 Resp: 79927
Ion Ratio Lower Upper
95 100
174 75.4 0.0 147.6
176 72.8 0.0 144.6

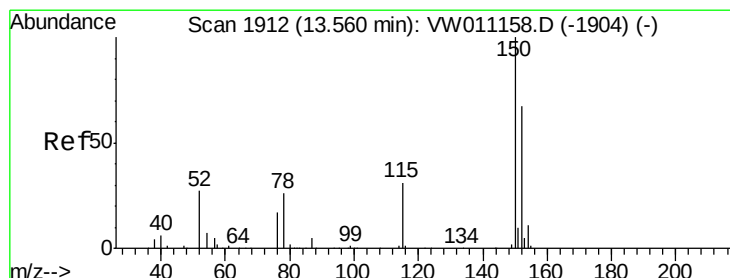
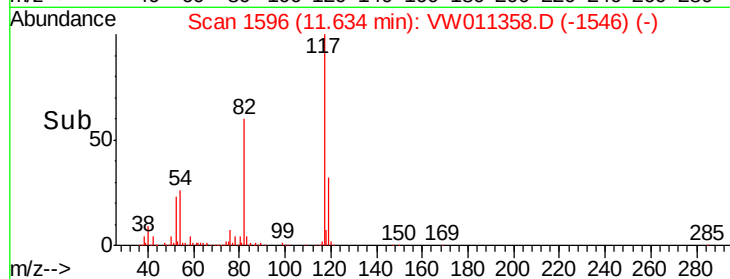
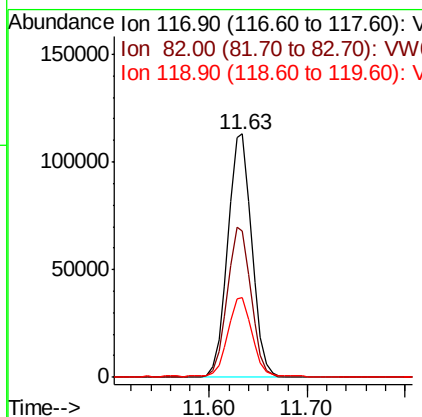
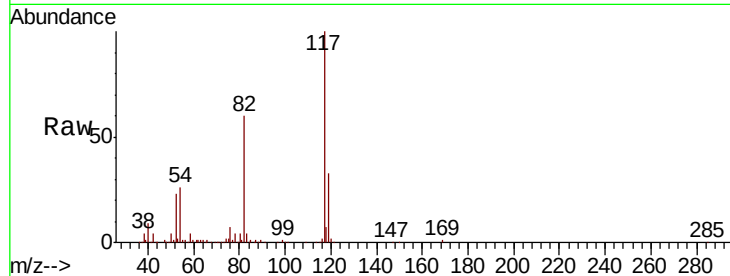




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

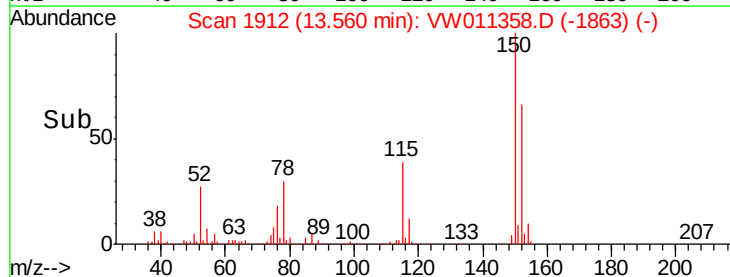
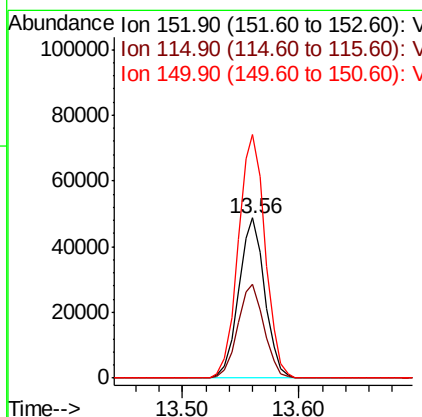
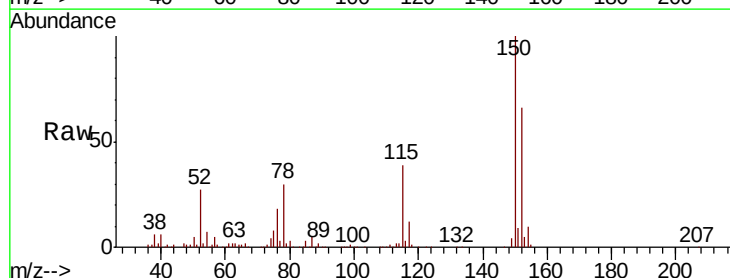
Instrument :
MSVOA_W
ClientSampleId :

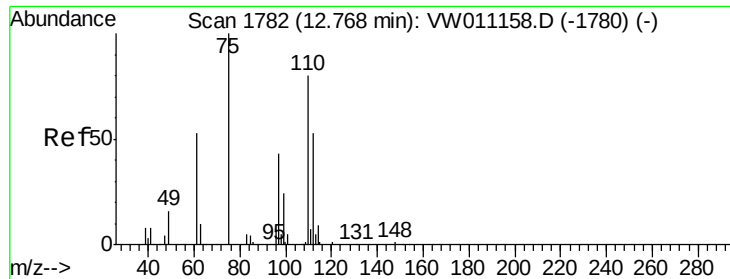
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.9	73.3
119	32.4	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.1	90.3
150	156.7	0.0	346.0



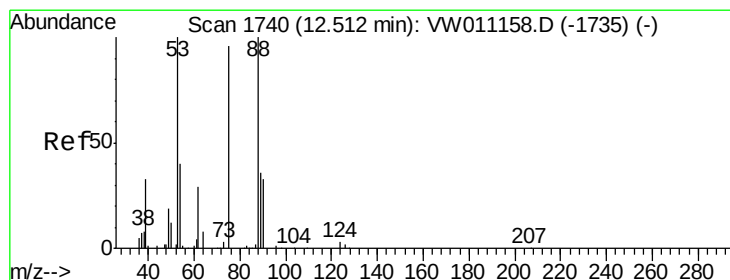
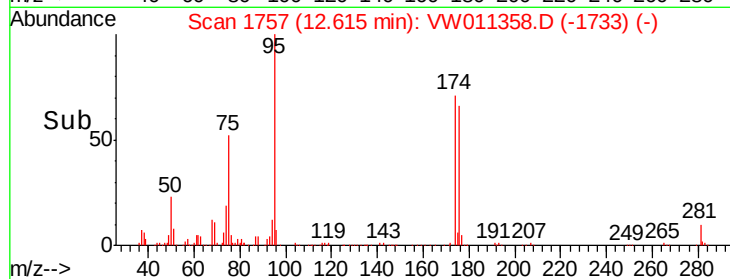
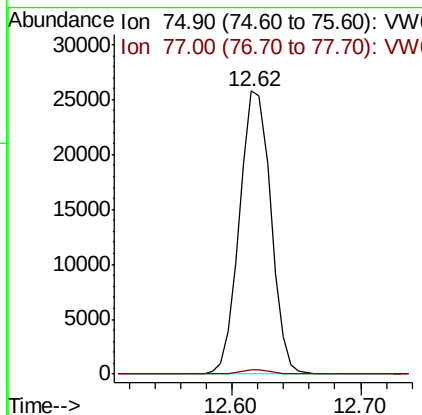
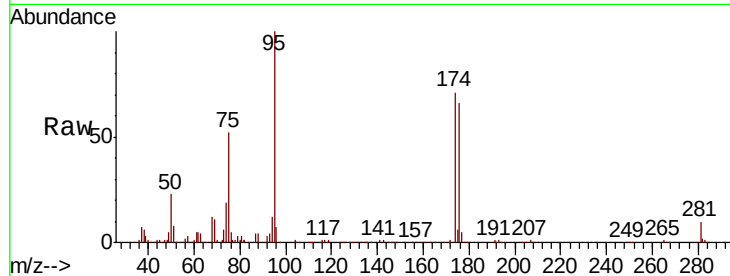


#76

1,2,3-Trichloropropane
Concen: 49.500 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 43450
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 111.961 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

Tgt Ion: 75 Resp: 43450
Ion Ratio Lower Upper
75 100
53 0.0 89.8 134.6#
89 0.1 34.3 51.5#

