

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011472.D
 Acq On : 24 Jul 2019 14:00
 Operator : SY/VA
 Sample : K3880-02
 Misc : 17.38G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 04:06:30 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	186165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	189219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47852	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	148007	63.27	ug/l	0.00
Spiked Amount			Recovery	=	126.54%	
35) Dibromofluoromethane	7.88	113	113471	64.68	ug/l	0.00
Spiked Amount			Recovery	=	129.36%	
50) Toluene-d8	10.32	98	356144	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	82438	31.72	ug/l	0.00
Spiked Amount			Recovery	=	63.44%	

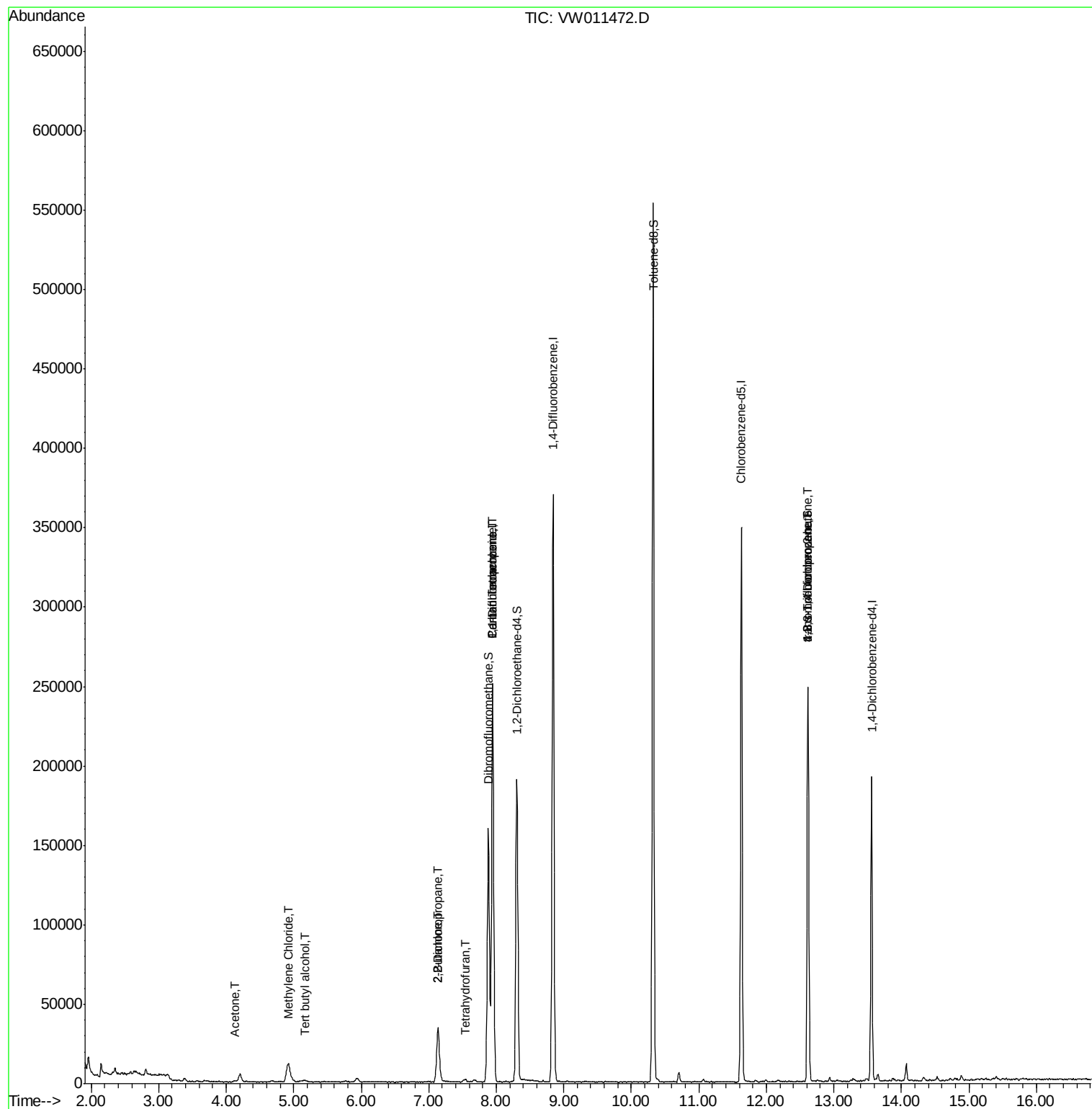
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	787	4.544	ug/l #	93
16) Acetone	4.12	43	684	1.215	ug/l	98
18) Methyl Acetate	4.68	43	1920	Below Cal	#	81
20) Methylene Chloride	4.92	84	10113	4.555	ug/l	86
25) 2-Butanone	7.14	43	2435	2.756	ug/l	98
26) 2,2-Dichloropropane	7.13	77	2657	1.200	ug/l #	53
29) Tetrahydrofuran	7.53	42	1593	2.750	ug/l #	90
36) 1,1-Dichloropropene	7.95	75	15453	4.930	ug/l #	52
38) Carbon Tetrachloride	7.95	117	18654	7.020	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	43793	79.193	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43793	179.119	ug/l #	6

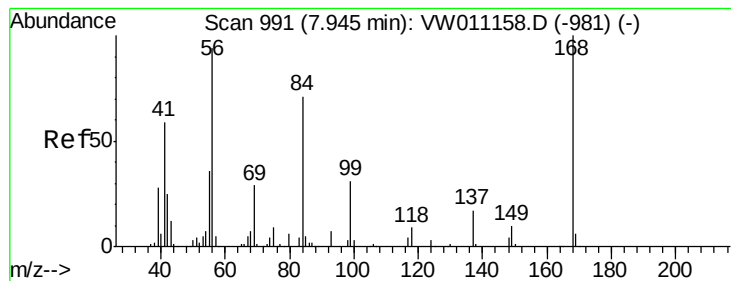
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011472.D

Acq: 24 Jul 2019 14:00

Instrument :

MSVOA_W

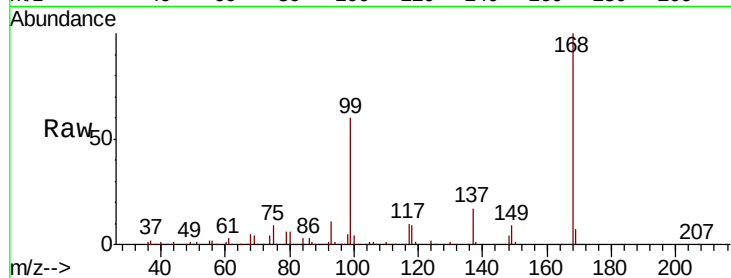
ClientSampleId :

Tot Ion:168 Resp: 186165

Ion Ratio Lower Upper

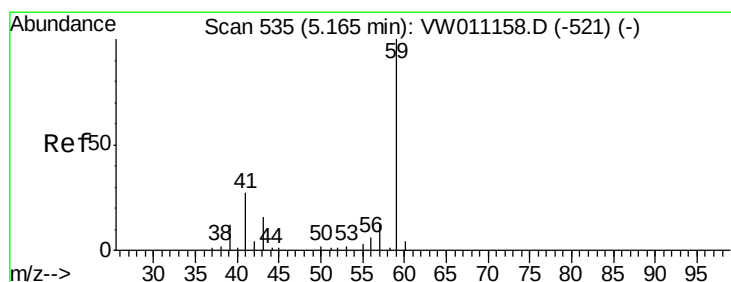
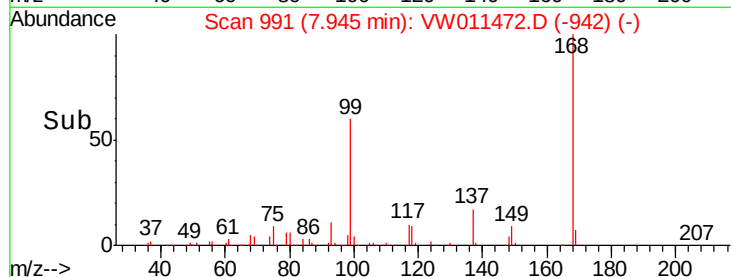
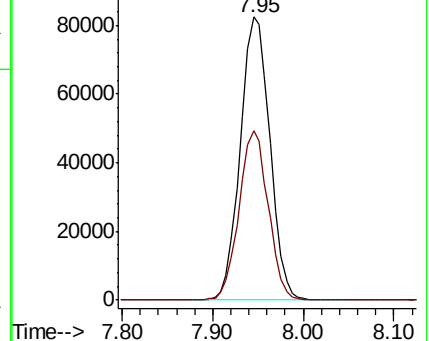
168 100

99 59.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 4.544 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011472.D

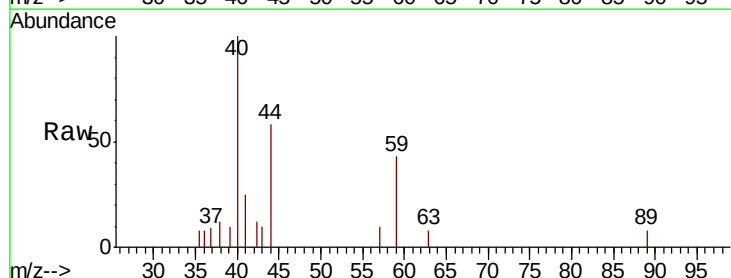
Acq: 24 Jul 2019 14:00

Tgt Ion: 59 Resp: 787

Ion Ratio Lower Upper

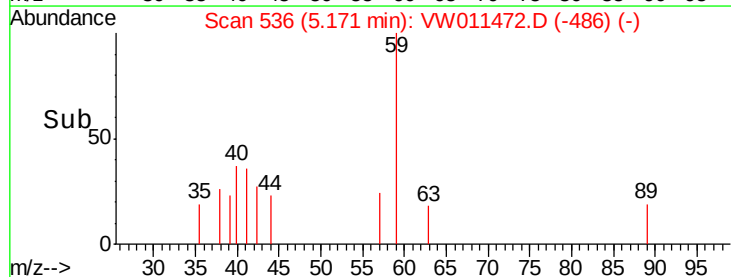
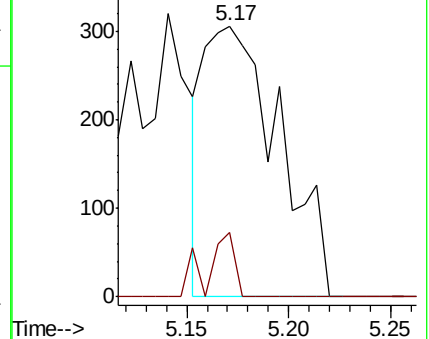
59 100

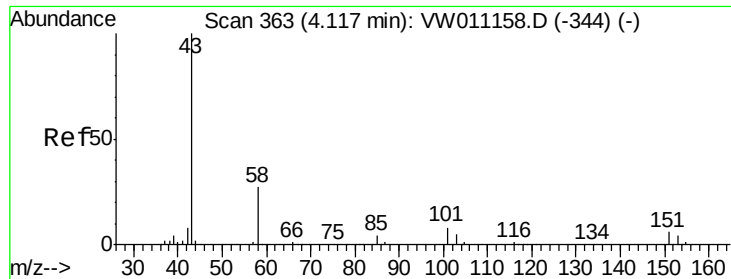
57 8.6 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

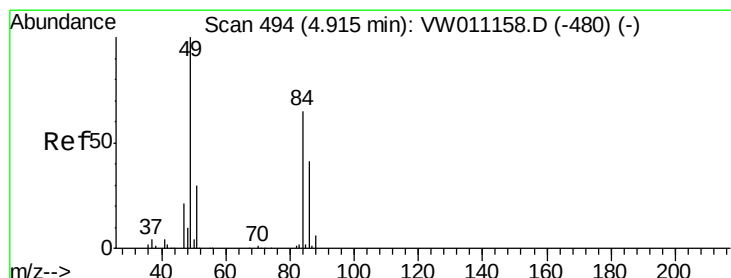
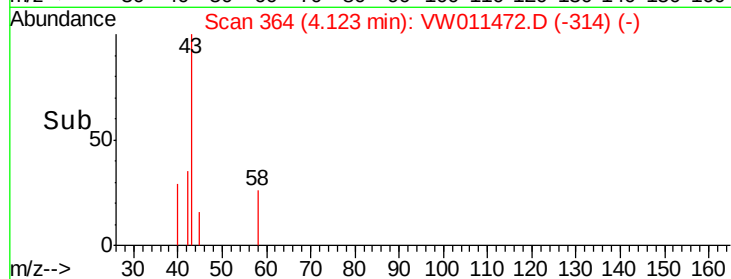
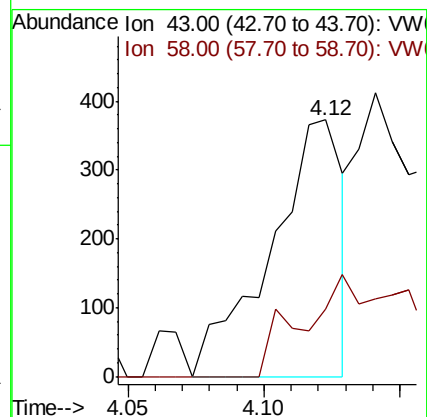
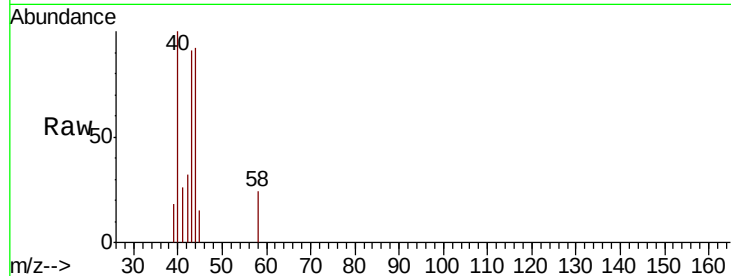




#16
Acetone
Concen: 1.215 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

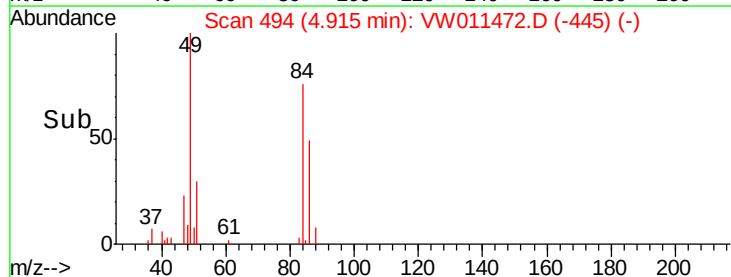
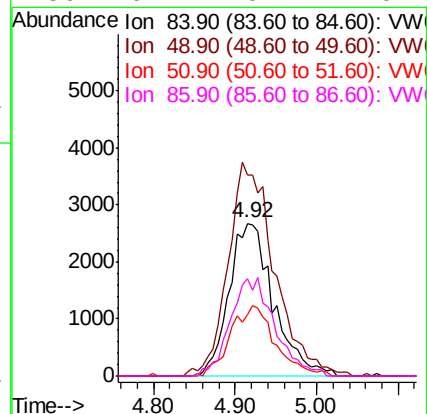
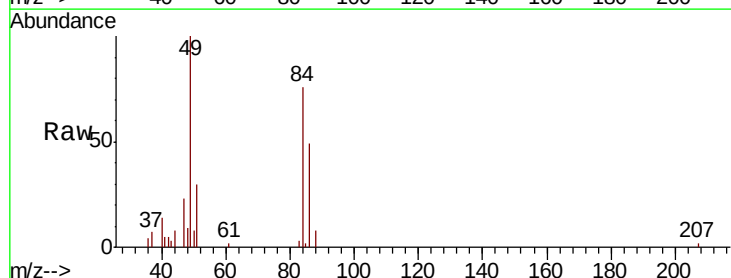
Instrument :
MSVOA_W
ClientSampled :

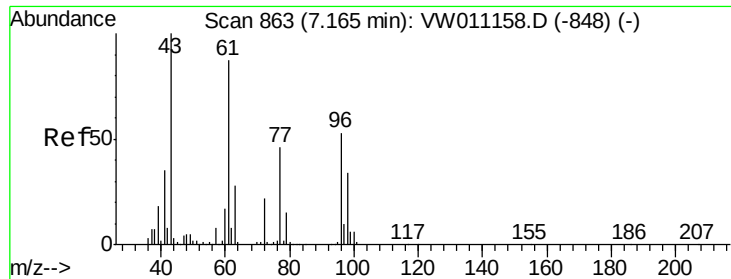
Tot Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 26.0 21.8 32.6



#20
Methylene Chloride
Concen: 4.555 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

Tgt Ion: 84 Resp: 10113
Ion Ratio Lower Upper
84 100
49 128.9 123.8 185.6
51 40.0 37.4 56.2
86 64.2 51.1 76.7





#25

2-Butanone

Concen: 2.756 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011472.D

Acq: 24 Jul 2019 14:00

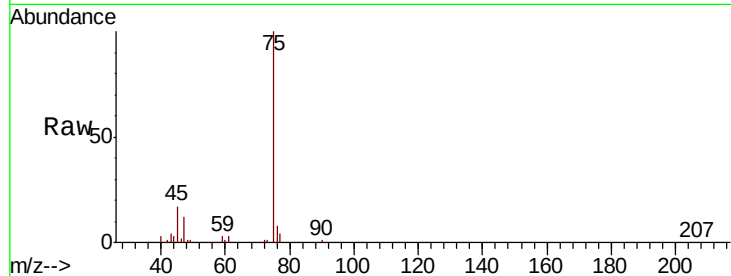
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2435

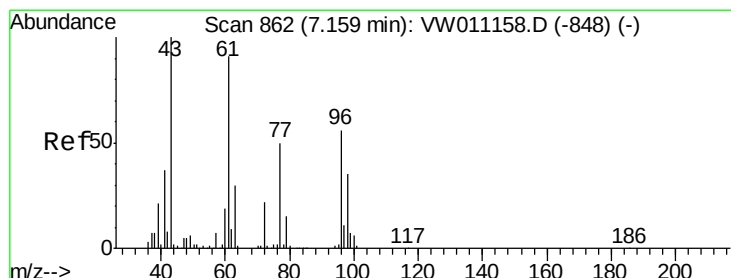
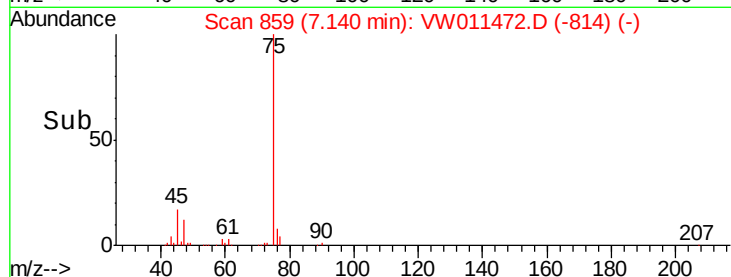
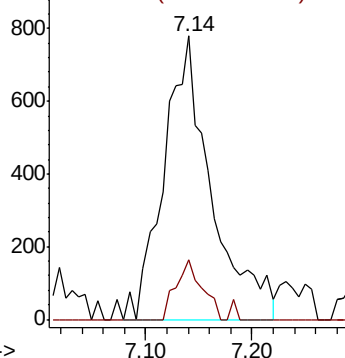
Ion Ratio Lower Upper

43 100

72 21.1 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: 1.200 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: VW011472.D

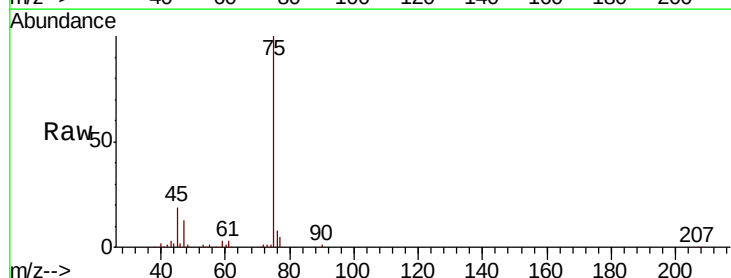
Acq: 24 Jul 2019 14:00

Tgt Ion: 77 Resp: 2657

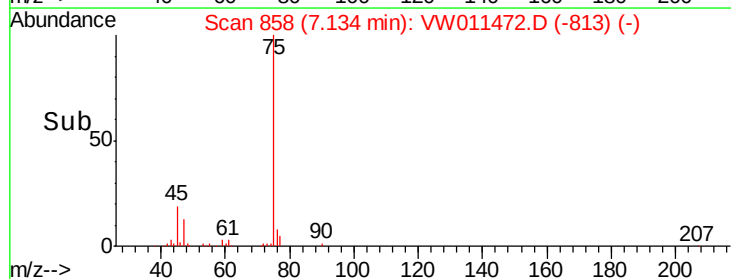
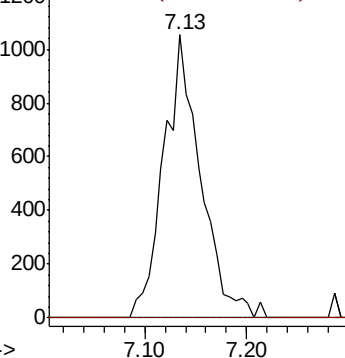
Ion Ratio Lower Upper

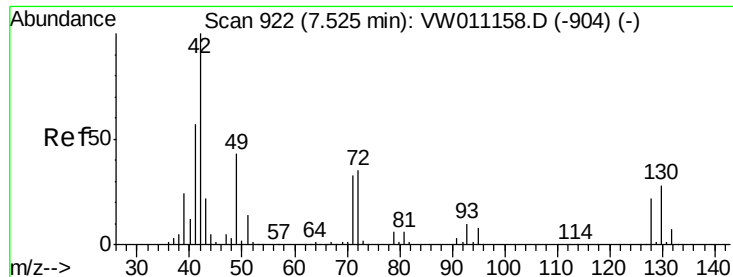
77 100

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

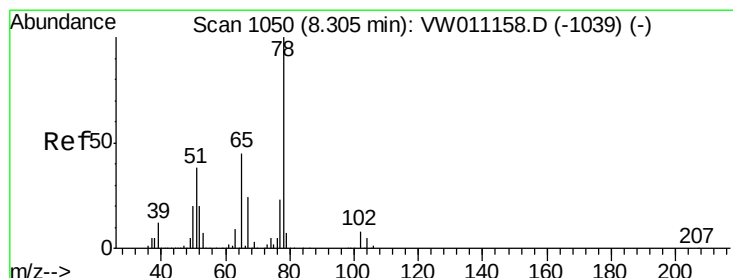
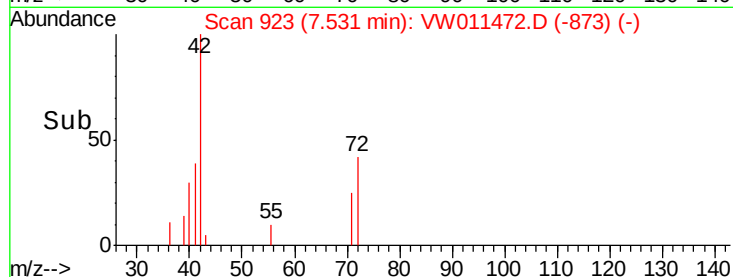
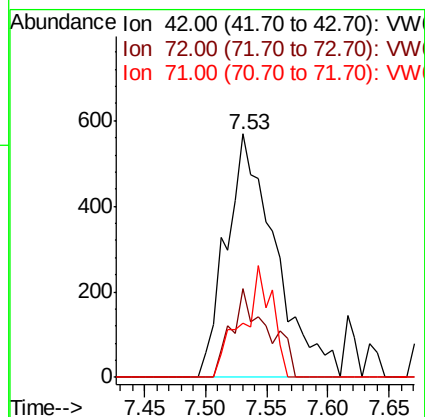
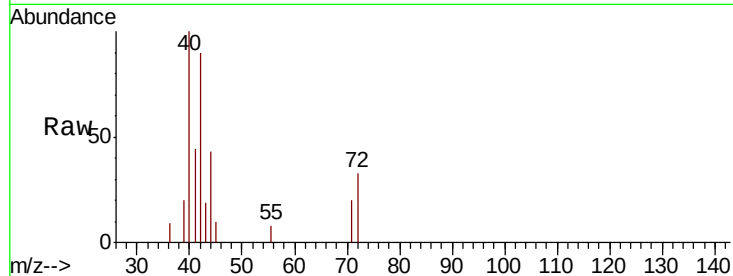




#29
Tetrahydrofuran
Concen: 2.750 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

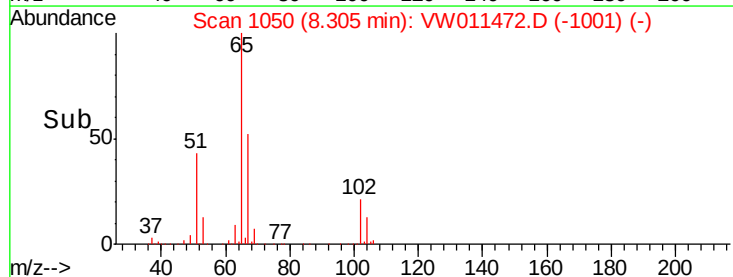
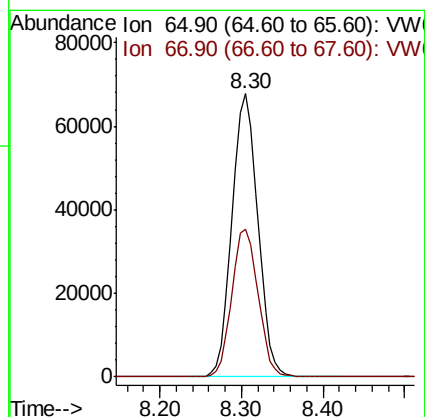
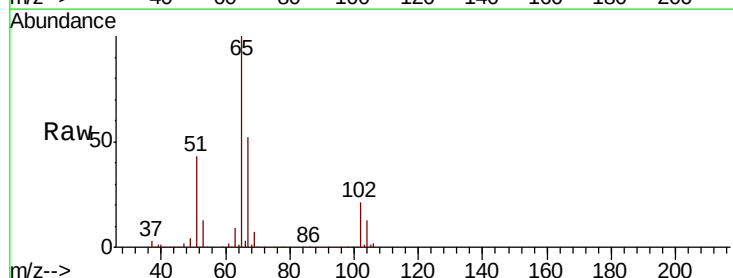
Instrument :
MSVOA_W
ClientSampled :

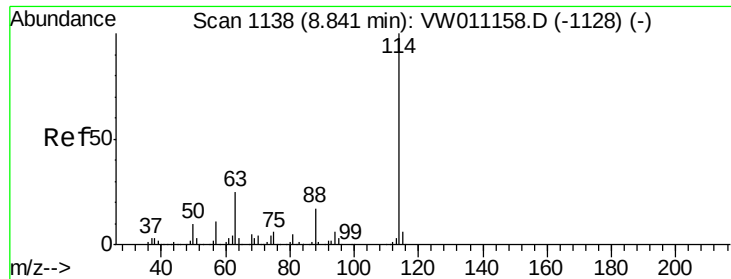
Tot Ion: 42 Resp: 1593
Ion Ratio Lower Upper
42 100
72 26.9 27.4 41.2#
71 28.1 25.9 38.9



#33
1,2-Dichloroethane-d4
Concen: 63.272 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

Tgt Ion: 65 Resp: 148007
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.4

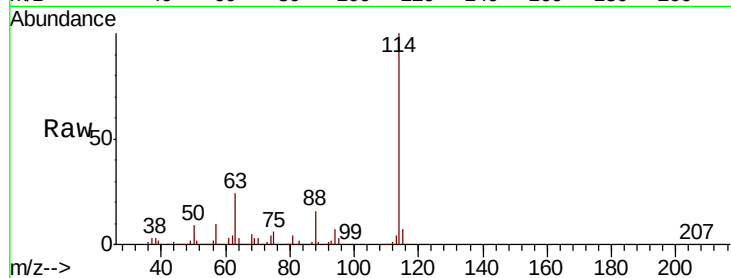




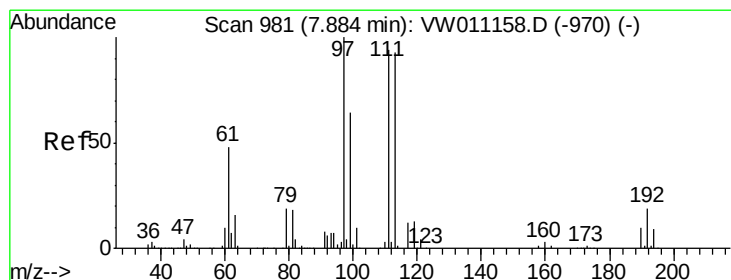
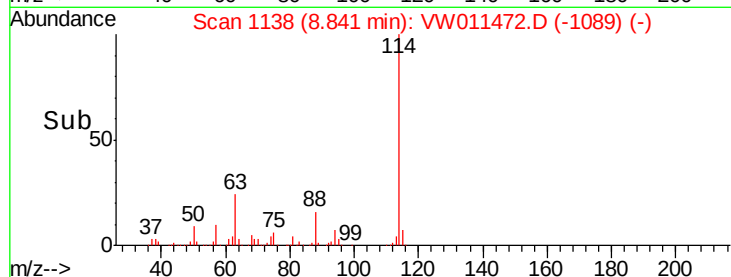
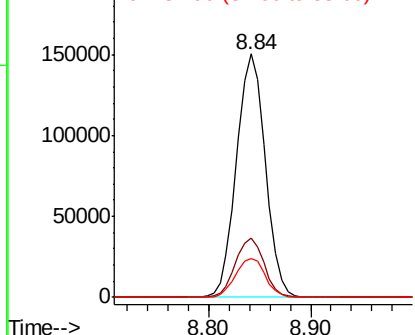
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 294334
Ion Ratio Lower Upper
114 100
63 24.2 0.0 50.8
88 16.1 0.0 34.2

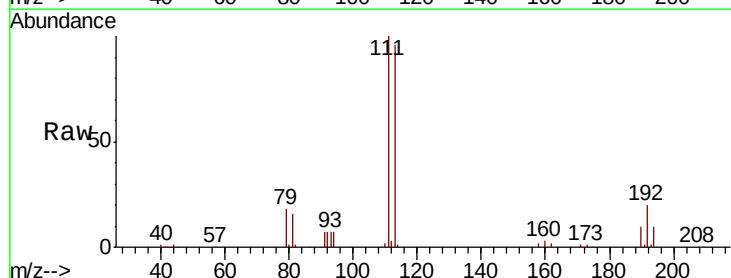


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

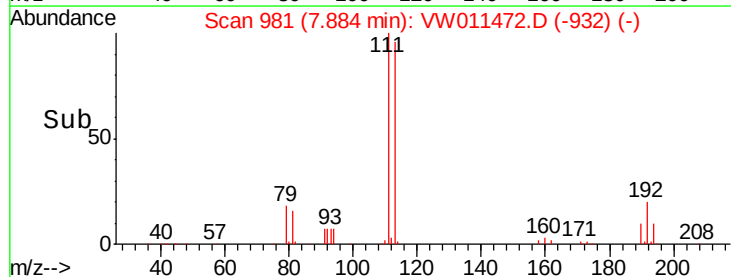
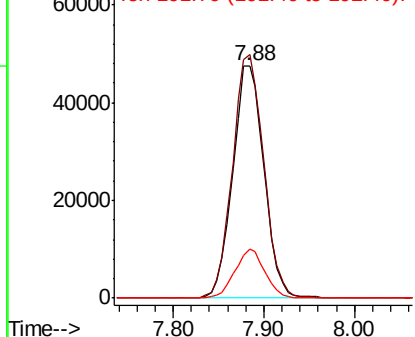


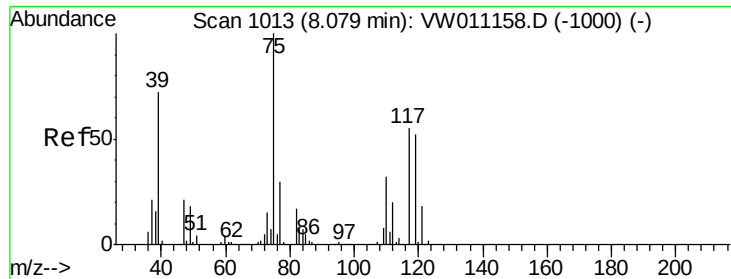
#35
Dibromofluoromethane
Concen: 64.679 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

Tgt Ion:113 Resp: 113471
Ion Ratio Lower Upper
113 100
111 104.7 82.4 123.6
192 20.3 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

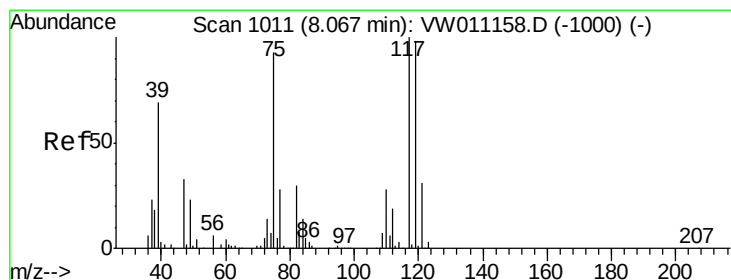
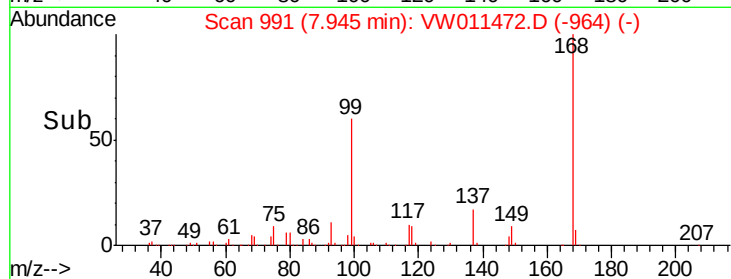
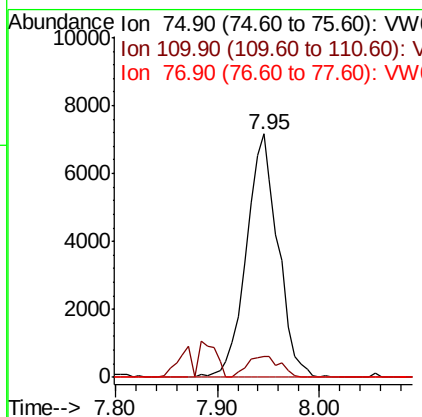
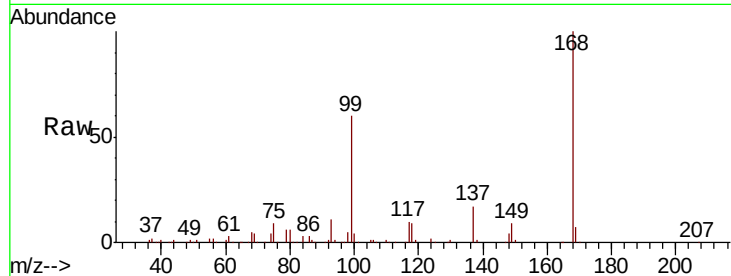




#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011472.D
 Acq: 24 Jul 2019 14:00

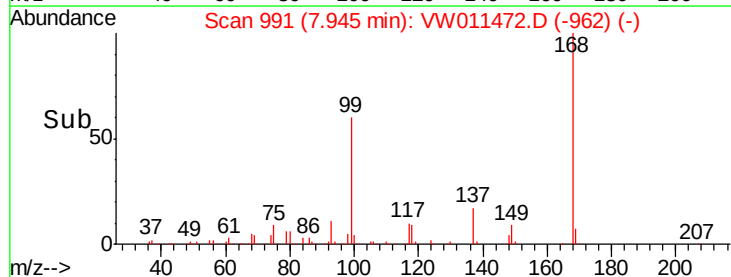
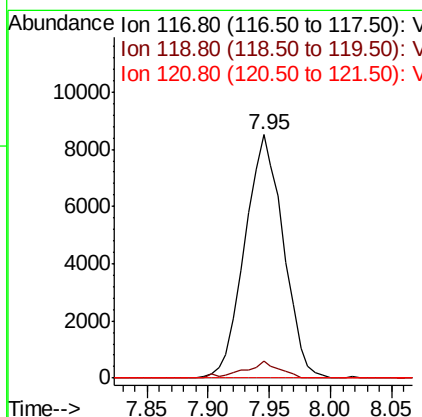
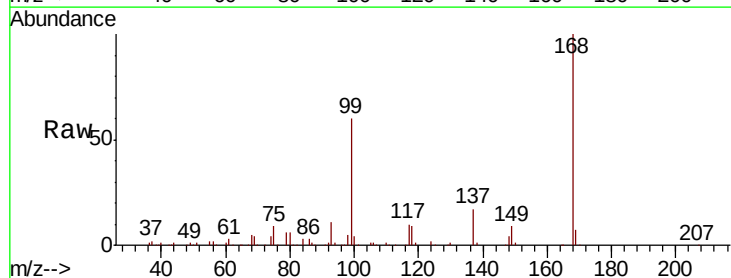
Instrument :
 MSVOA_W
 ClientSampleId :

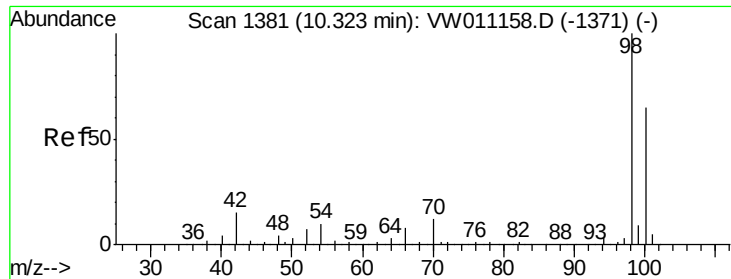
Tot Ion	75	Resp	15453
Ion Ratio	Lower	Upper	
75	100		
110	9.0	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 7.020 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011472.D
 Acq: 24 Jul 2019 14:00

Tgt Ion	117	Resp	18654
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	6.8	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 50.222 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011472.D

Acq: 24 Jul 2019 14:00

Instrument :

MSVOA_W

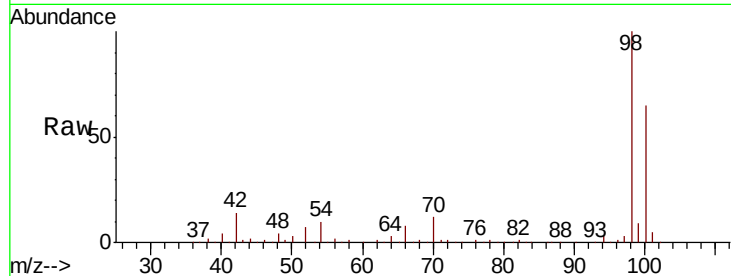
ClientSampleId :

Tot Ion: 98 Resp: 356144

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

200000

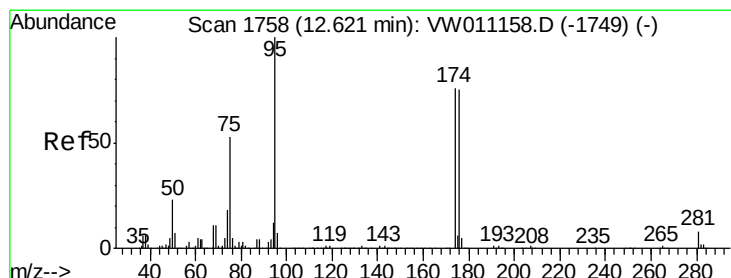
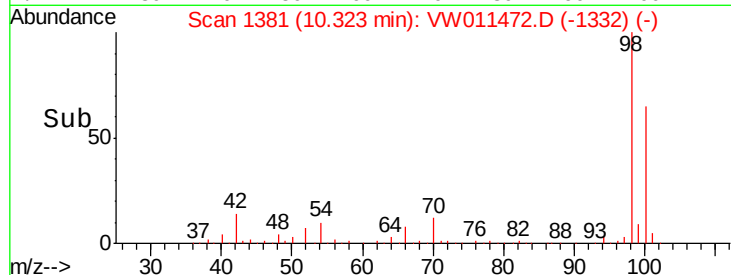
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.716 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011472.D

Acq: 24 Jul 2019 14:00

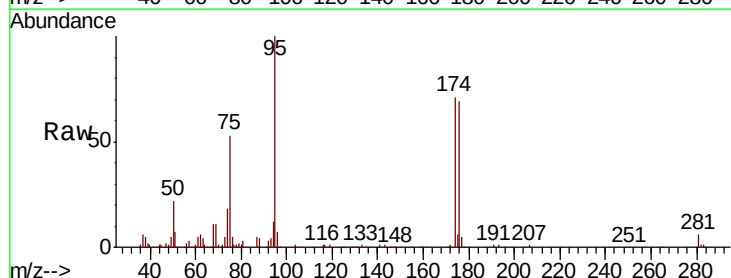
Tgt Ion: 95 Resp: 82438

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

176 74.4 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

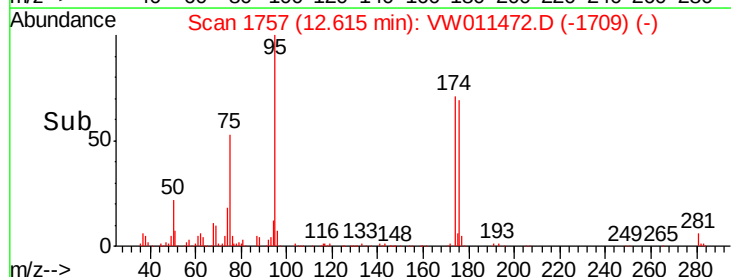
60000

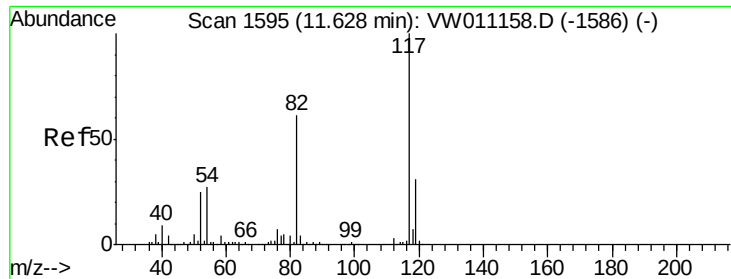
40000

20000

0

Time-->

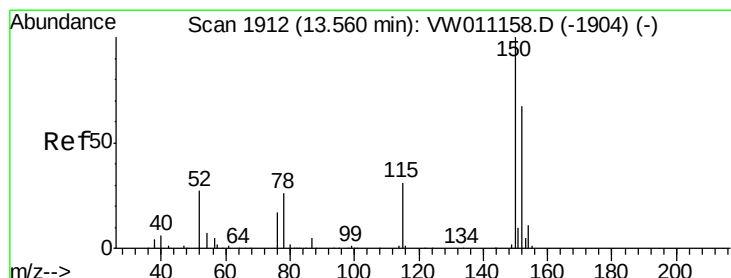
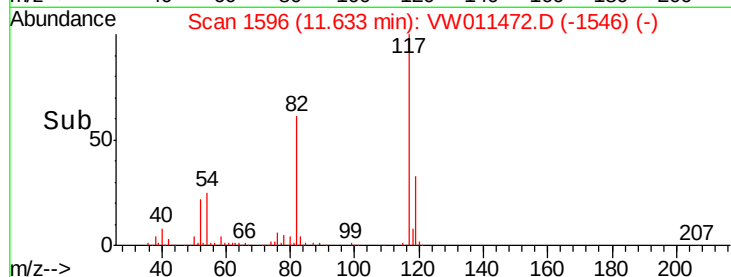
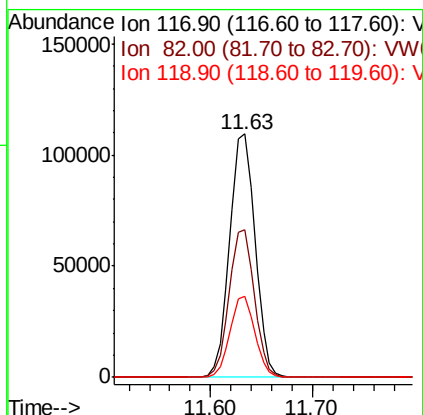
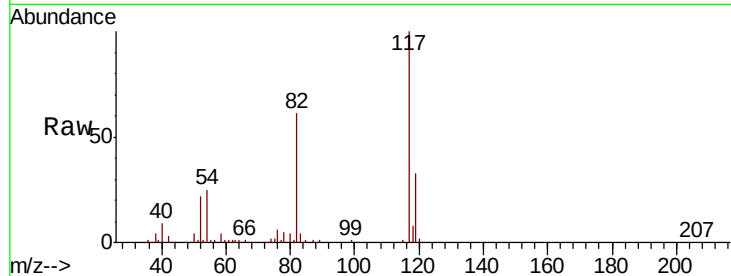




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

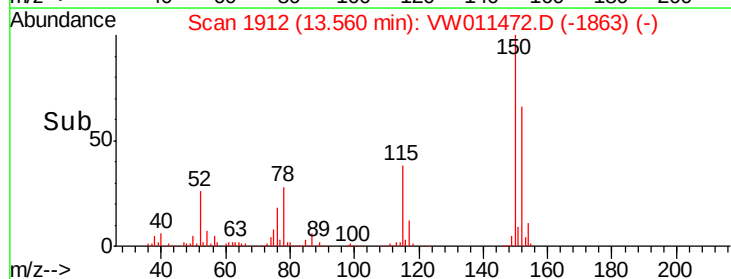
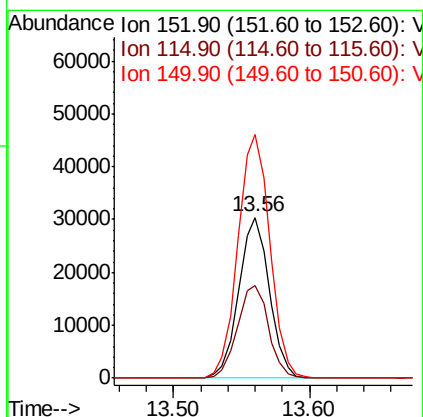
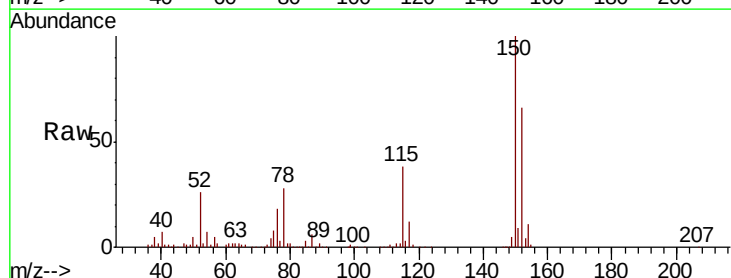
Instrument :
MSVOA_W
ClientSampled :

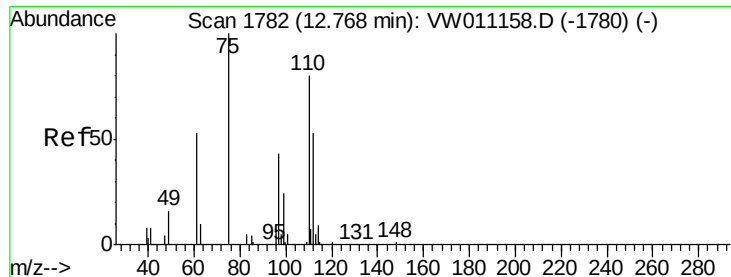
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.9	73.3
119	33.1	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011472.D
Acq: 24 Jul 2019 14:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.1	90.3
150	157.6	0.0	346.0





#76

1,2,3-Trichloropropane

Concen: 79.193 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011472.D

Acq: 24 Jul 2019 14:00

Instrument :

MSVOA_W

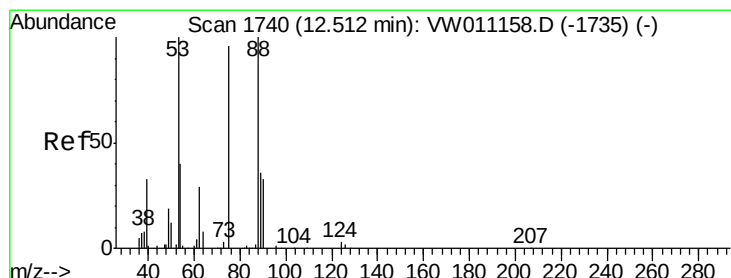
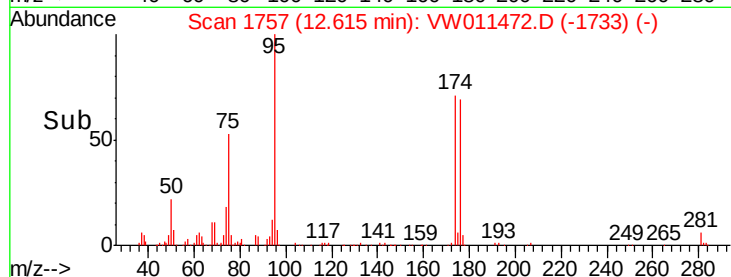
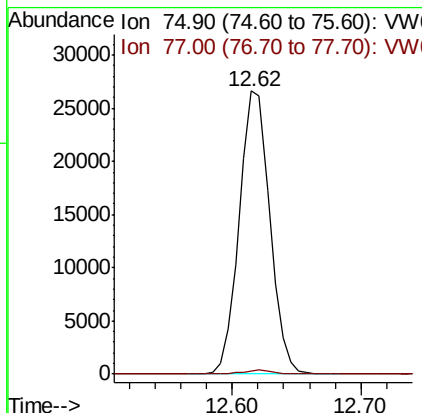
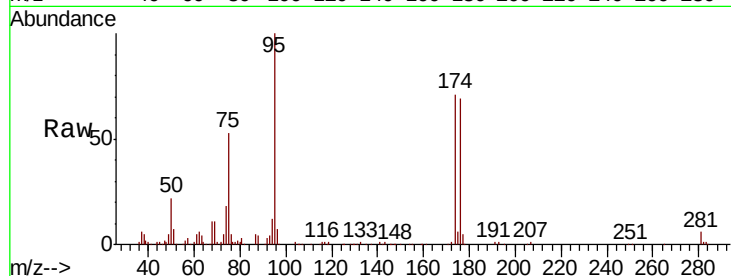
ClientSampleId :

Tot Ion: 75 Resp: 43793

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 179.119 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011472.D

Acq: 24 Jul 2019 14:00

Tgt Ion: 75 Resp: 43793

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#

