

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011822.D
 Acq On : 09 Aug 2019 20:26
 Operator : SY/VA
 Sample : K4227-05
 Misc : 5.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-J(0)

Quant Time: Aug 11 01:29:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116297	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	141639	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	7.88	113	109094	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
50) Toluene-d8	10.32	98	436387	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	135154	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	

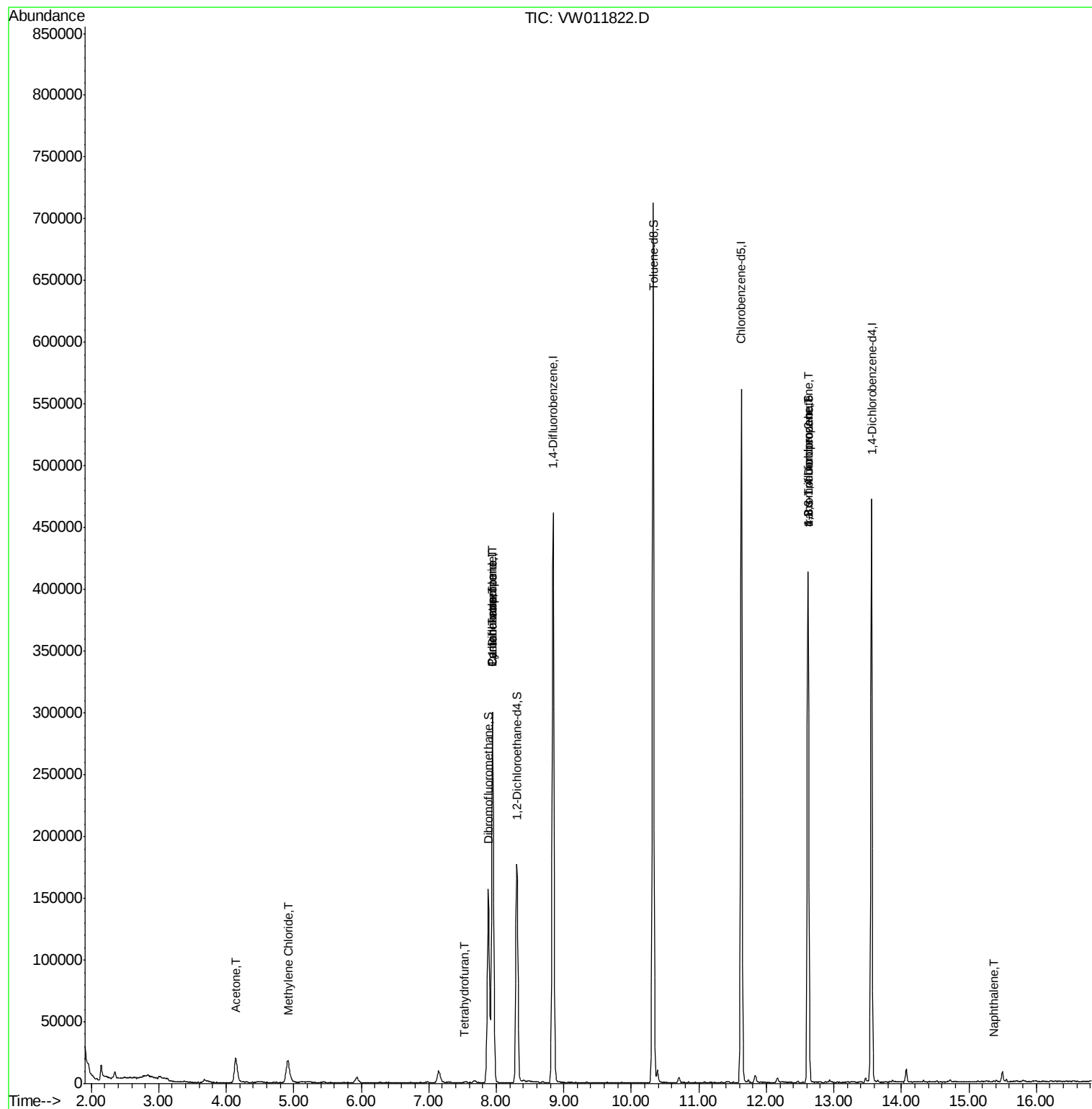
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	552	Below Cal	#	72
16) Acetone	4.14	43	41225	53.369	ug/l	98
20) Methylene Chloride	4.92	84	13796	5.179	ug/l	86
29) Tetrahydrofuran	7.54	42	625	1.082	ug/l #	52
31) Cyclohexane	7.95	56	5568	1.226	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18991	5.162	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21646	6.872	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	74145	60.253	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74145	138.863	ug/l #	6
95) Naphthalene	15.38	128	352	2.139	ug/l #	78

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

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1S-J-(0)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011822.D

Acq: 09 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampled :

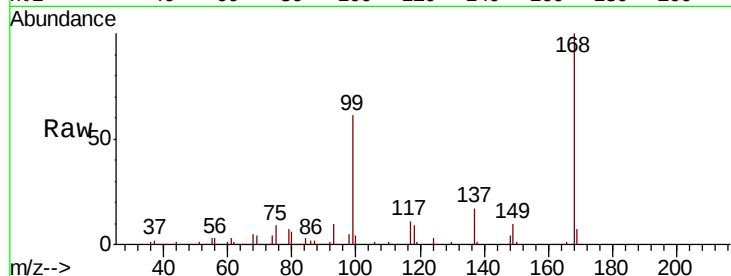
1S-J(0)

Tgt Ion:168 Resp: 211477

Ion Ratio Lower Upper

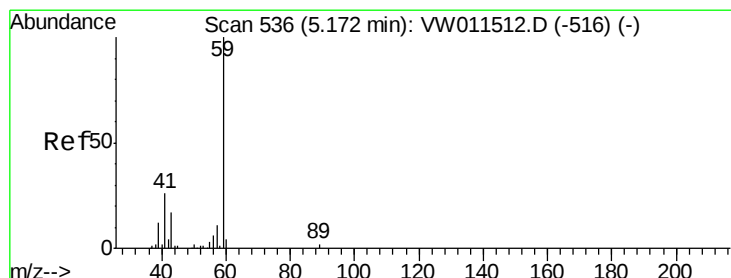
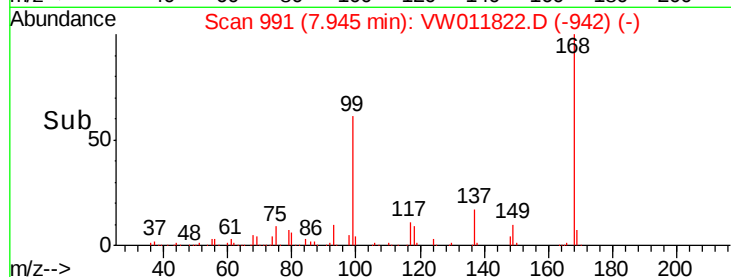
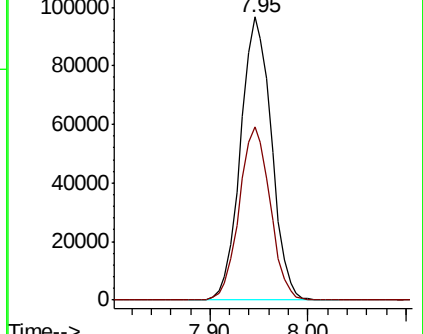
168 100

99 61.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW011822.D

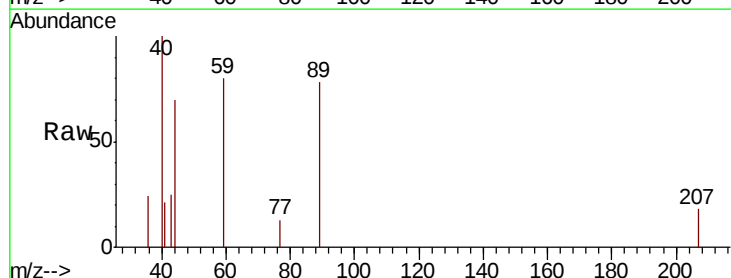
Acq: 09 Aug 2019 20:26

Tgt Ion: 59 Resp: 552

Ion Ratio Lower Upper

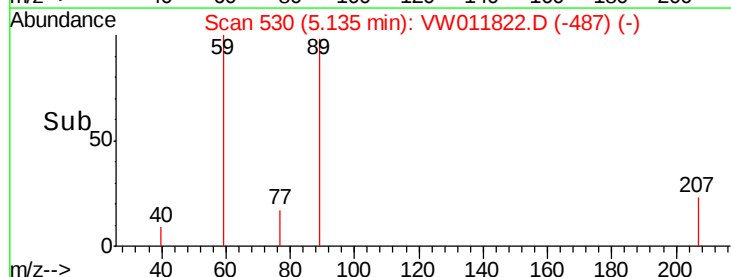
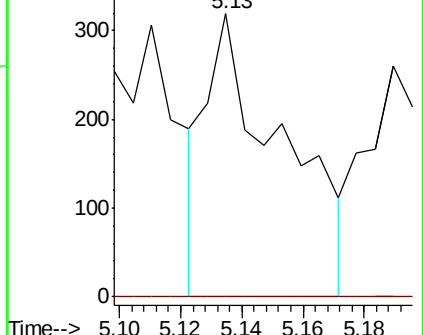
59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

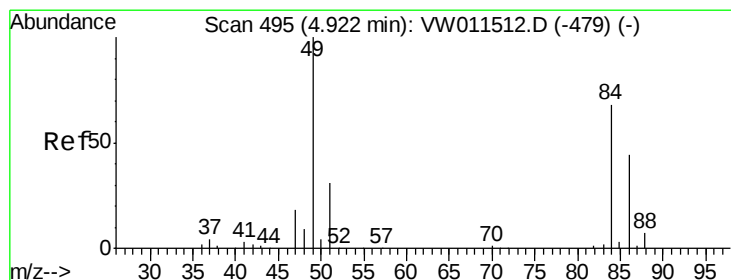
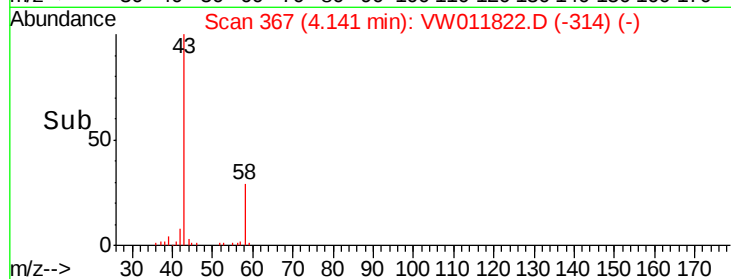
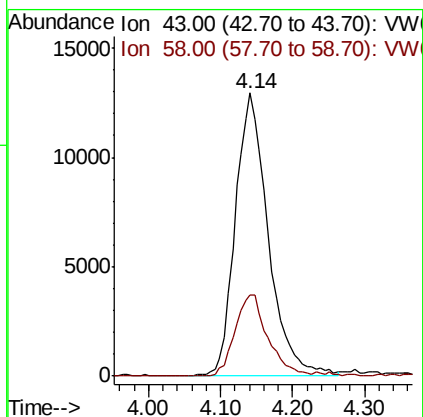
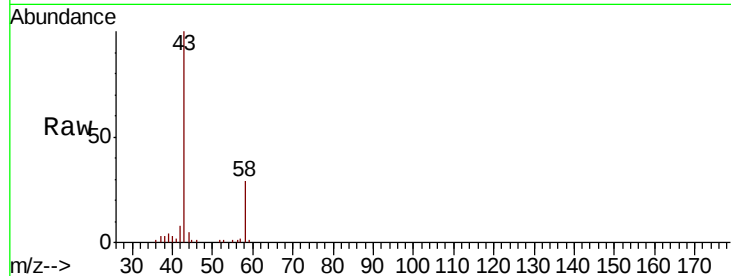




#16
Acetone
Concen: 53.369 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

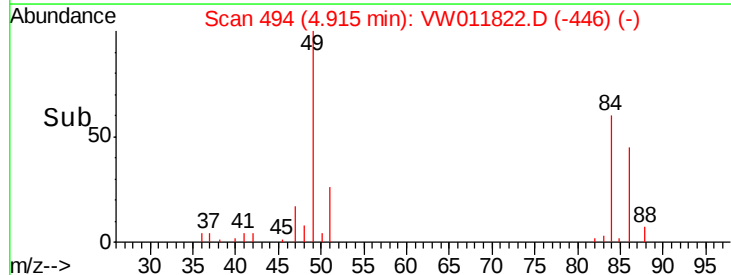
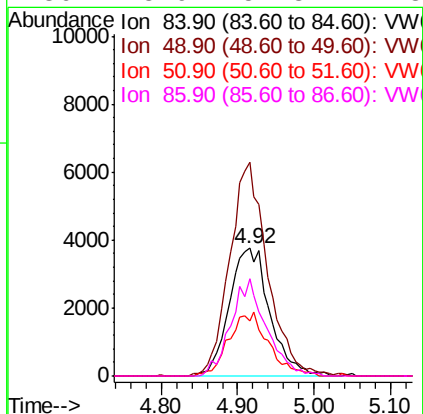
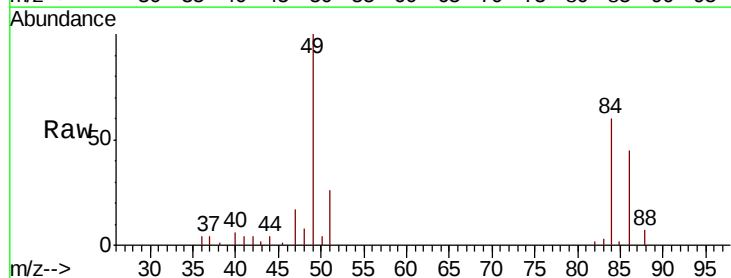
Instrument :
MSVOA_W
ClientSampleId :
1S-J(0)

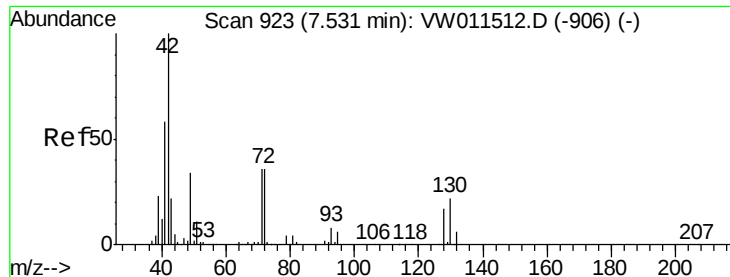
Tgt Ion: 43 Resp: 41225
Ion Ratio Lower Upper
43 100
58 28.9 22.3 33.5



#20
Methylene Chloride
Concen: 5.179 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

Tgt Ion: 84 Resp: 13796
Ion Ratio Lower Upper
84 100
49 167.6 117.8 176.6
51 43.2 37.0 55.4
86 75.9 51.8 77.8

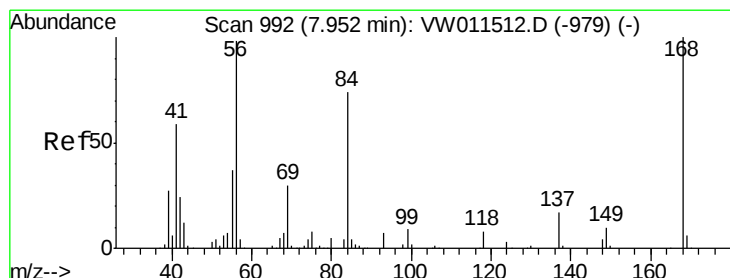
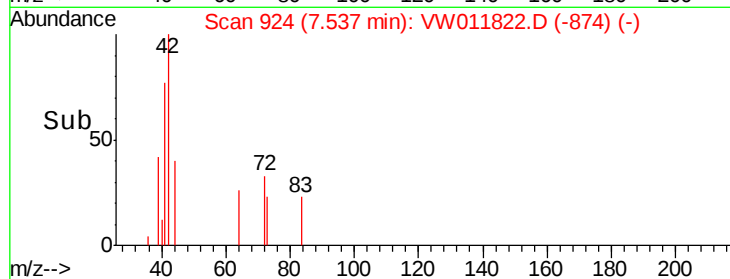
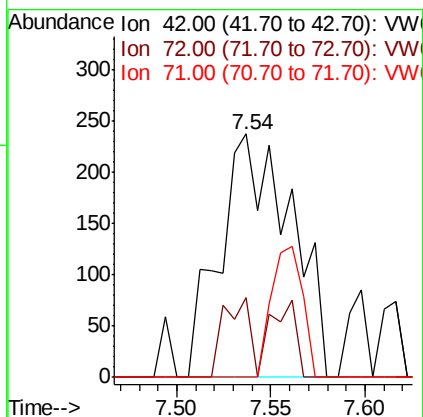
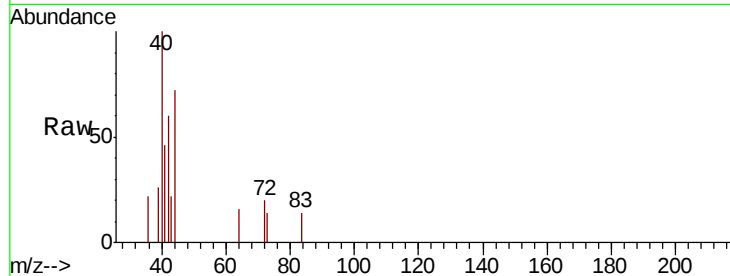




#29
Tetrahydrofuran
Concen: 1.082 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

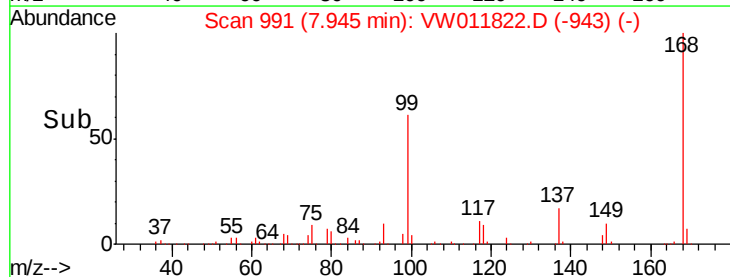
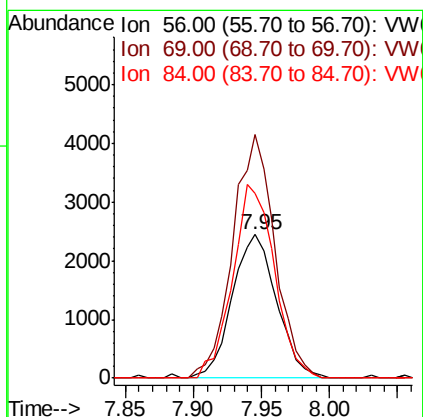
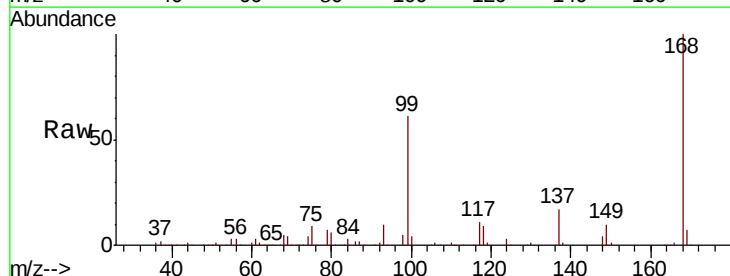
Instrument :
MSVOA_W
ClientSampleId :
1S-J(0)

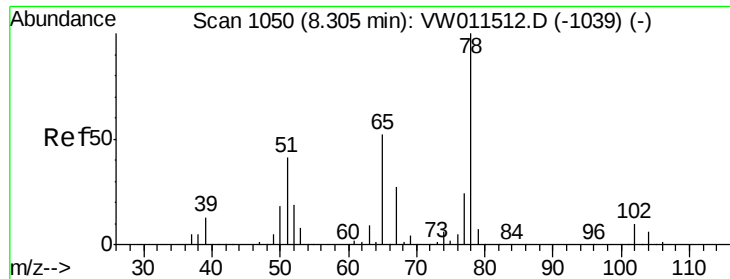
Tgt Ion: 42 Resp: 625
Ion Ratio Lower Upper
42 100
72 12.0 27.1 40.7#
71 0.0 26.2 39.4#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

Tgt Ion: 56 Resp: 5568
Ion Ratio Lower Upper
56 100
69 170.0 24.3 36.5#
84 128.8 60.4 90.6#

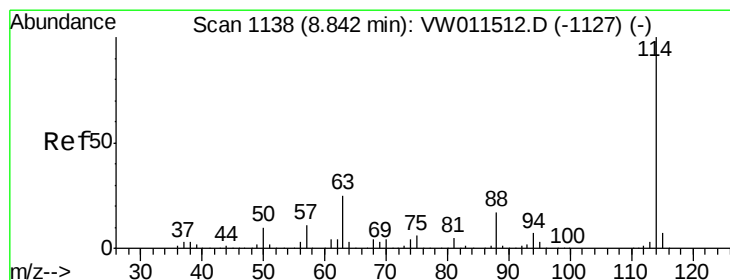
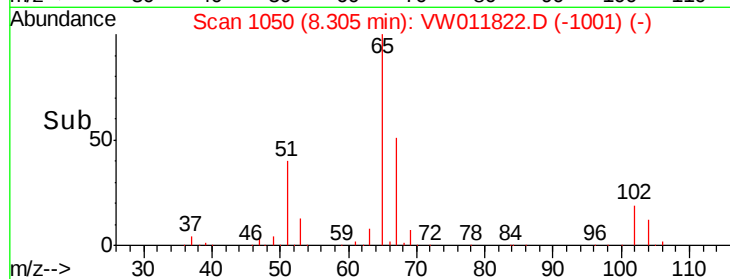
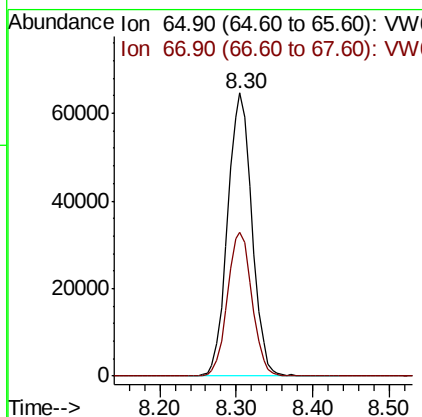
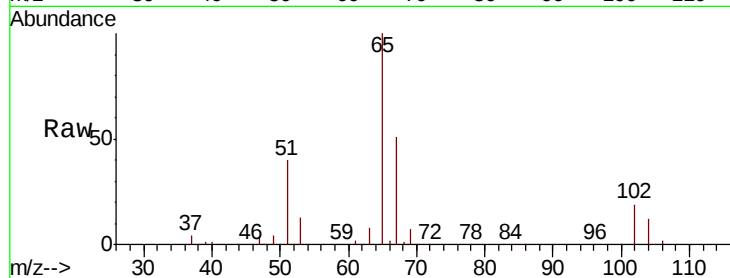




#33
 1,2-Dichloroethane-d4
 Concen: 58.327 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011822.D
 Acq: 09 Aug 2019 20:26

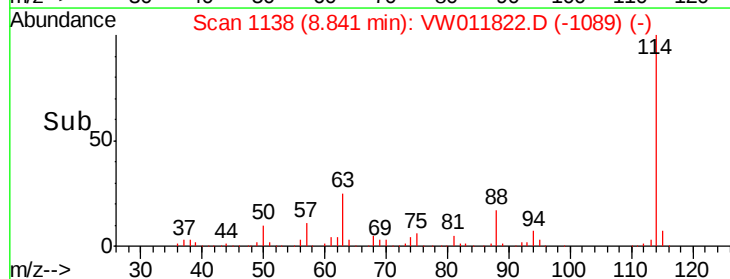
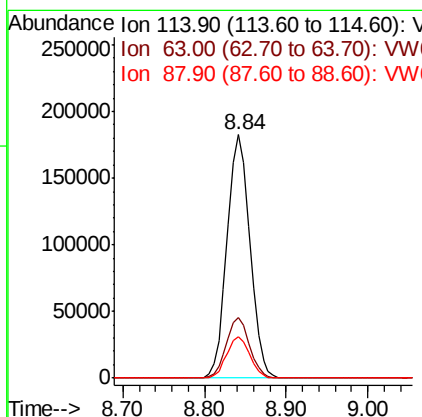
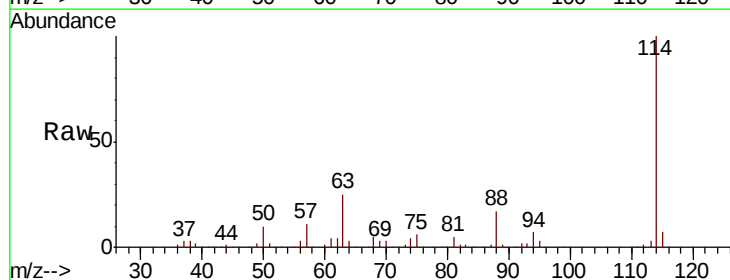
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-J(0)

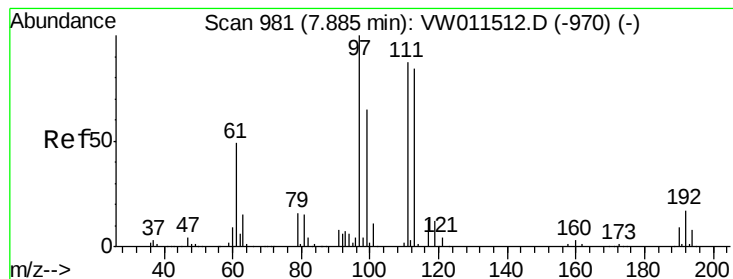
Tgt Ion: 65 Resp: 141639
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011822.D
 Acq: 09 Aug 2019 20:26

Tgt Ion: 114 Resp: 353832
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.958 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011822.D

Acq: 09 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

1S-J(0)

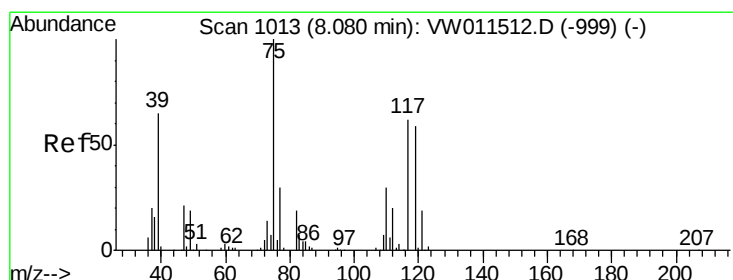
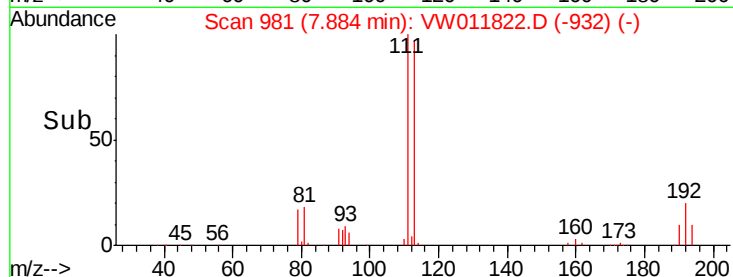
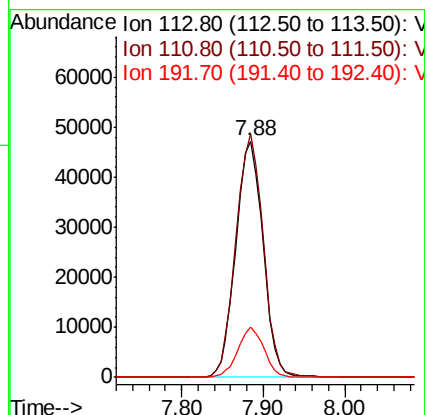
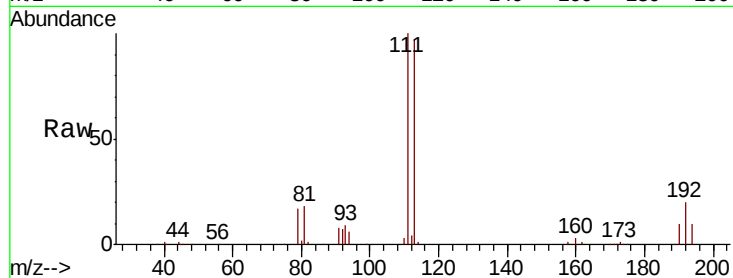
Tgt Ion:113 Resp: 109094

Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

192 20.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.162 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011822.D

Acq: 09 Aug 2019 20:26

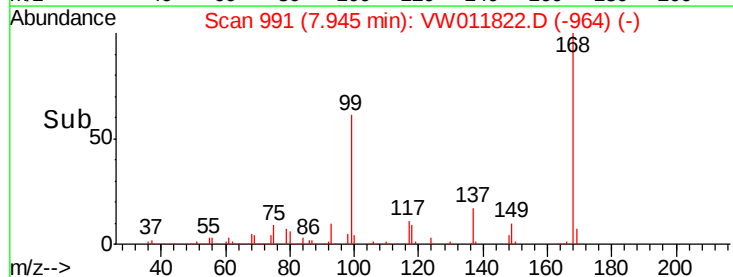
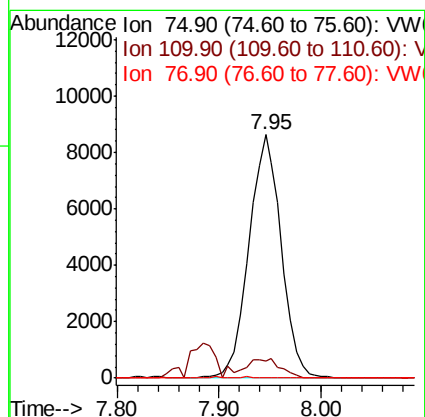
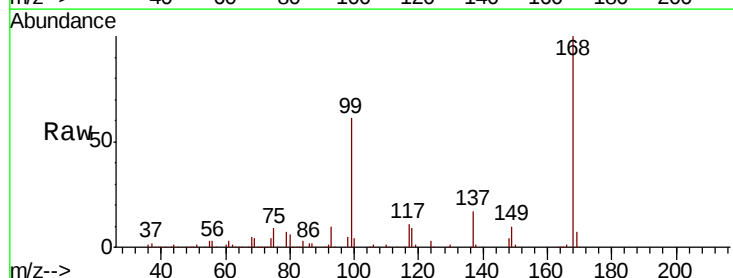
Tgt Ion: 75 Resp: 18991

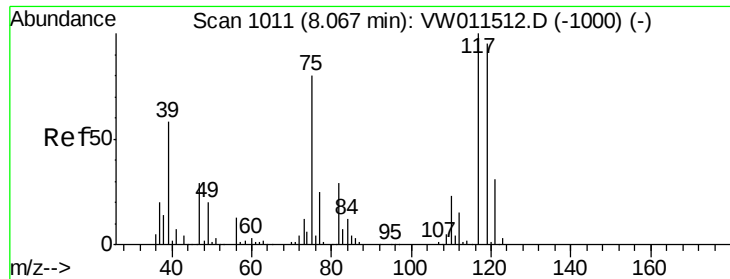
Ion Ratio Lower Upper

75 100

110 8.3 15.6 46.8#

77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.872 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011822.D

Acq: 09 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

1S-J(0)

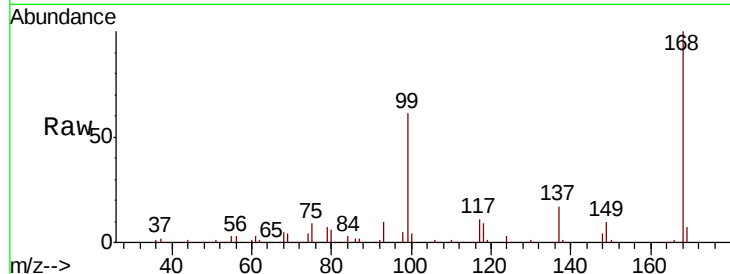
Tgt Ion: 117 Resp: 21646

Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

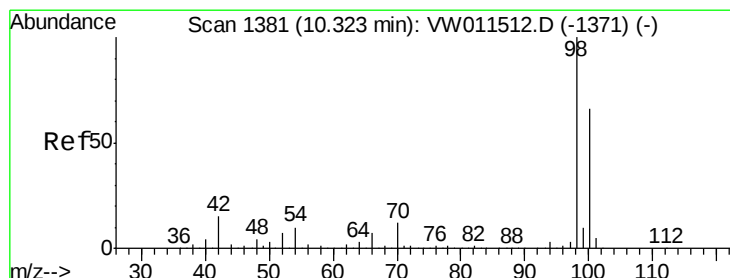
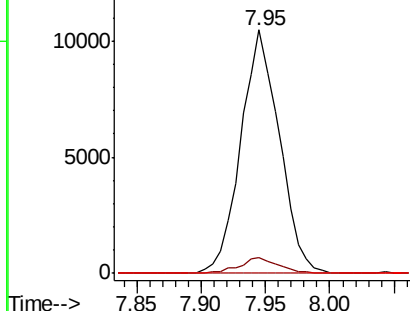
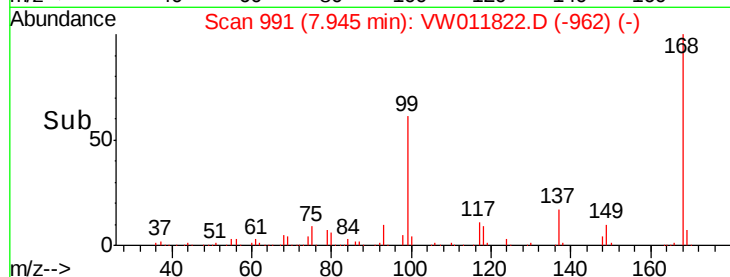
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.693 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011822.D

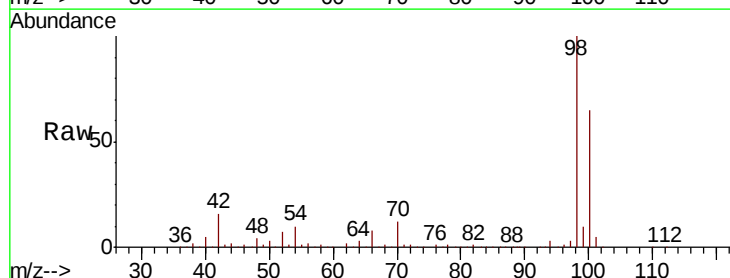
Acq: 09 Aug 2019 20:26

Tgt Ion: 98 Resp: 436387

Ion Ratio Lower Upper

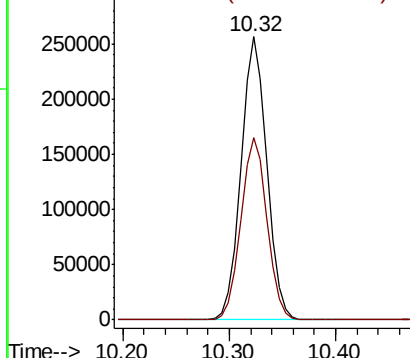
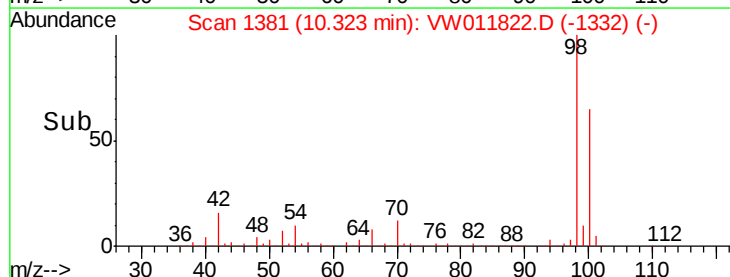
98 100

100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

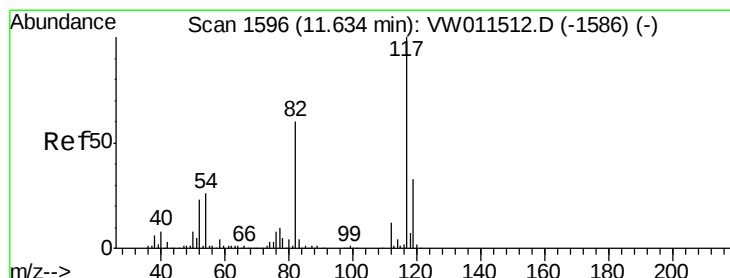
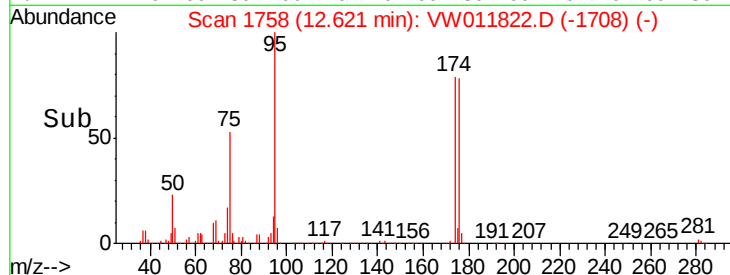
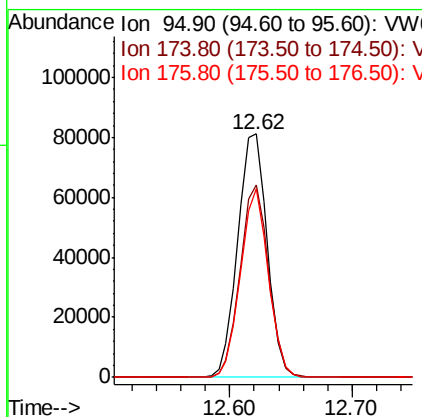
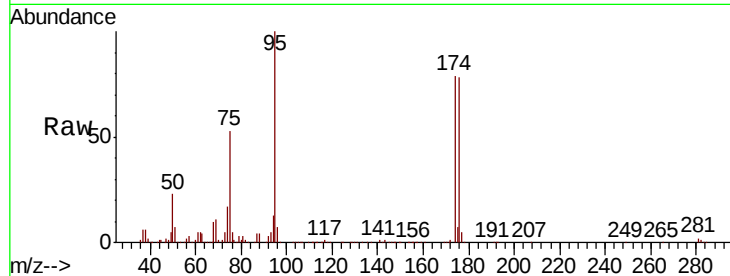




#62
4-Bromofluorobenzene
Concen: 46.644 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

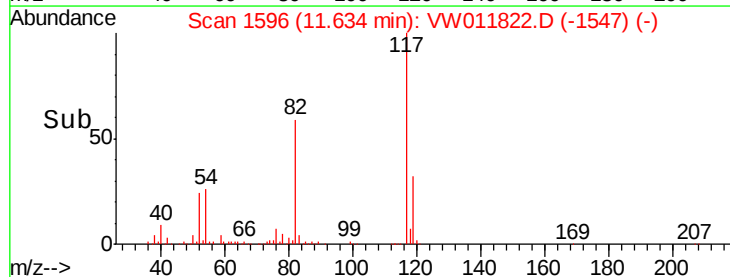
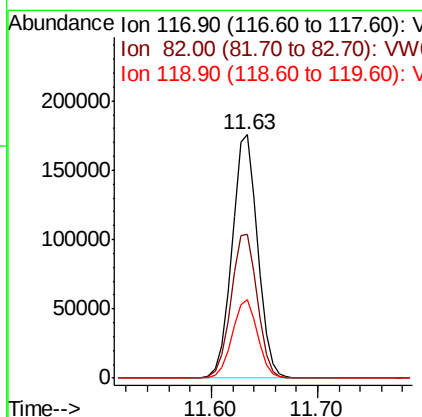
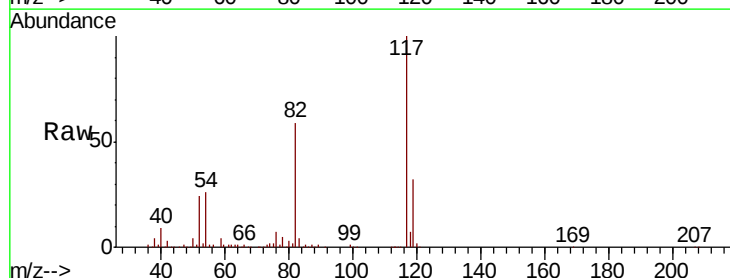
Instrument :
MSVOA_W
ClientSampled :
1S-J(0)

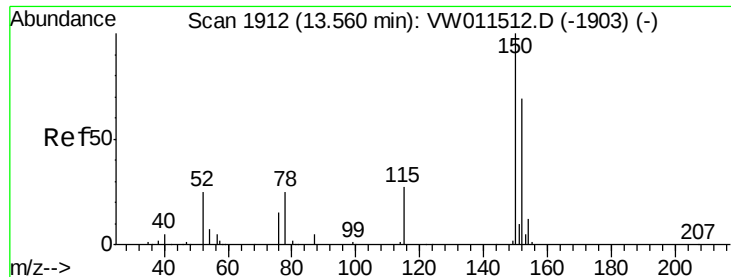
Tgt Ion: 95 Resp: 135154
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.2
176 73.8 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

Tgt Ion: 117 Resp: 295724
Ion Ratio Lower Upper
117 100
82 58.8 47.9 71.9
119 32.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011822.D

Acq: 09 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampled :

1S-J(0)

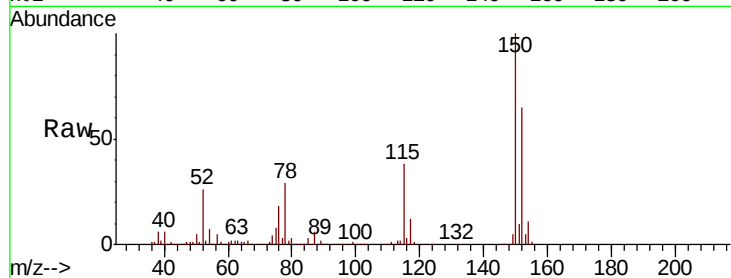
Tgt Ion:152 Resp: 116297

Ion Ratio Lower Upper

152 100

115 59.7 30.5 91.5

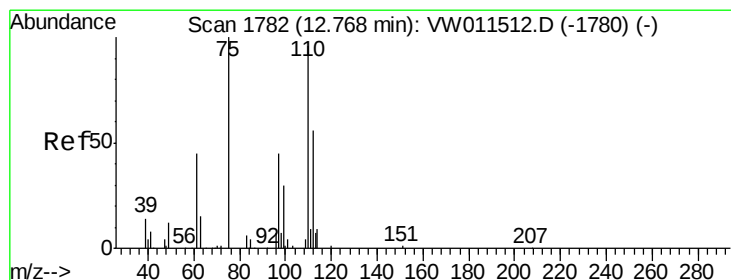
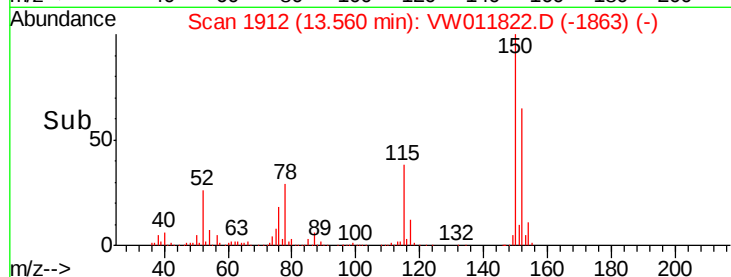
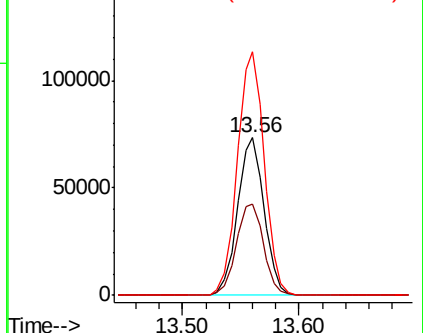
150 156.7 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 60.253 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011822.D

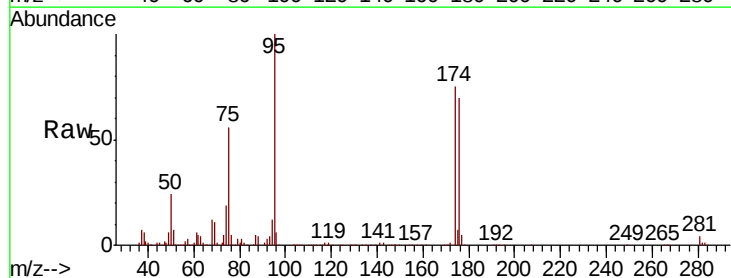
Acq: 09 Aug 2019 20:26

Tgt Ion: 75 Resp: 74145

Ion Ratio Lower Upper

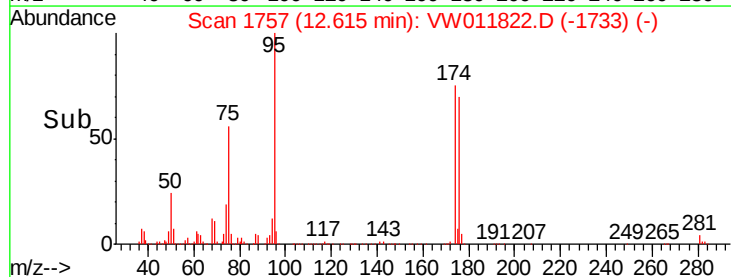
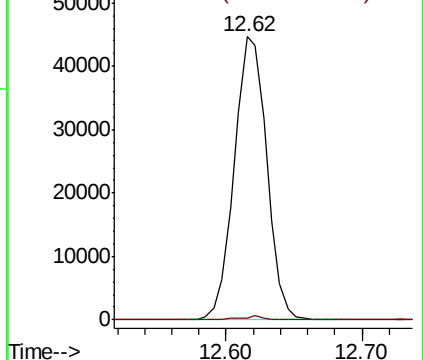
75 100

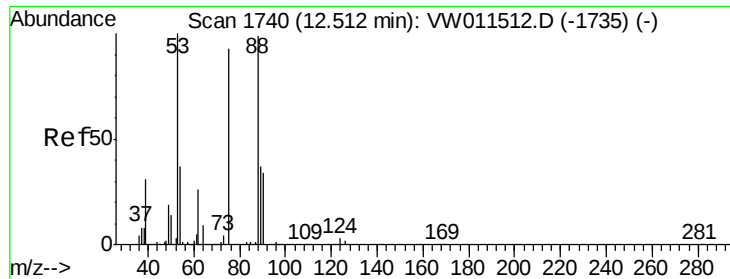
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

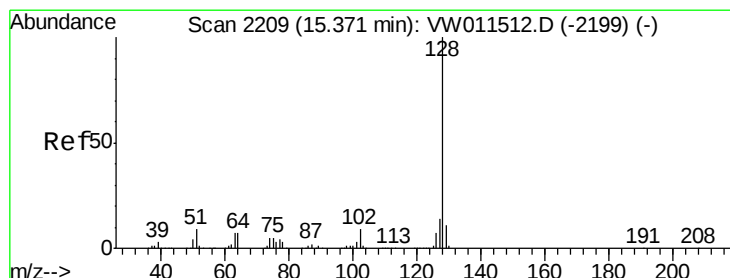
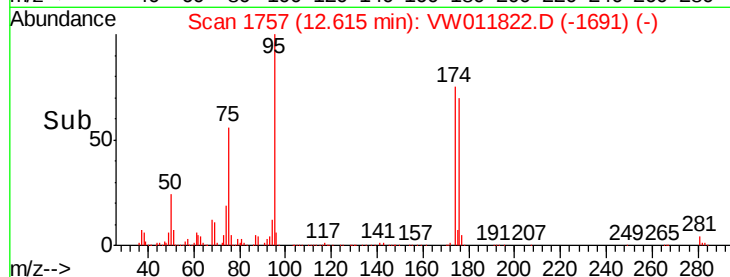
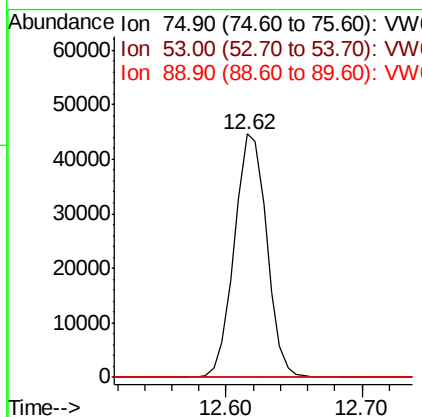
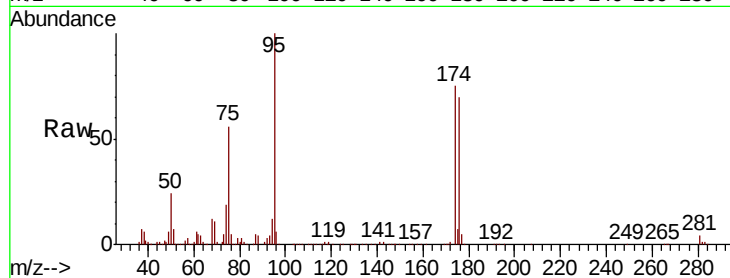




#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.863 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011822.D
 Acq: 09 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-J(0)

Tgt Ion: 75 Resp: 74145
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.0 132.0#
 89 0.0 35.3 52.9#



#95
 Naphthalene
 Concen: 2.139 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW011822.D
 Acq: 09 Aug 2019 20:26

Tgt Ion: 128 Resp: 352
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 13.6 8.6 13.0#

