

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
 Data File : VW011793.D
 Acq On : 09 Aug 2019 02:48
 Operator : SY/VA
 Sample : K4228-13
 Misc : 6.37G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-11-(0)

Quant Time: Aug 09 05:39:30 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	238673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133794	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	158093	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.36%	
35) Dibromofluoromethane	7.88	113	124330	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
50) Toluene-d8	10.32	98	513983	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
62) 4-Bromofluorobenzene	12.62	95	165425	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	

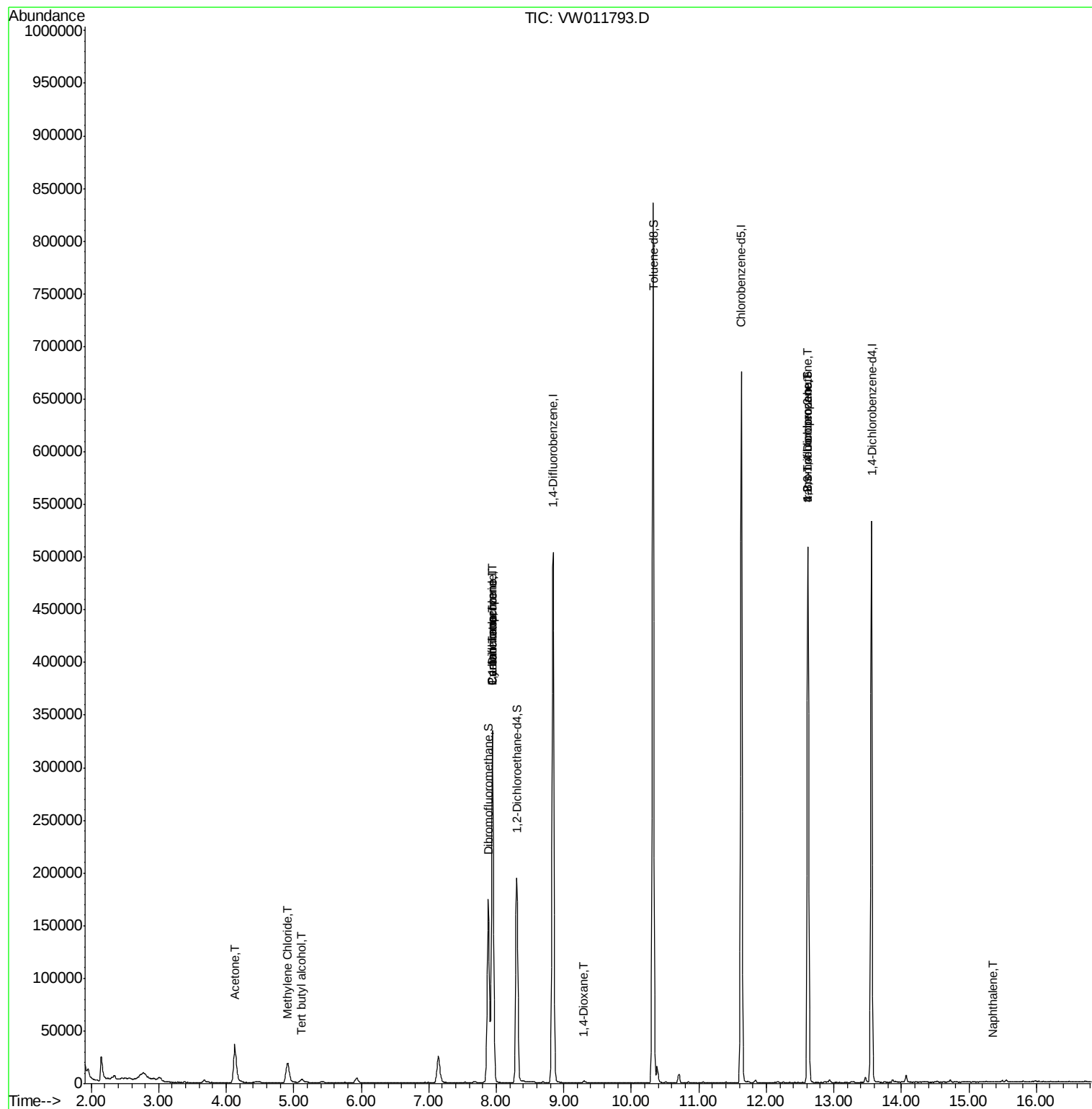
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	3878	1.446	ug/l #	72
16) Acetone	4.13	43	70405	80.759	ug/l	99
20) Methylene Chloride	4.92	84	14096	4.688	ug/l	96
31) Cyclohexane	7.94	56	5918	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21102	5.075	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24407	6.857	ug/l #	17
49) 1,4-Dioxane	9.29	88	106	5.147	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	89422	63.165	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89422	145.573	ug/l #	6
95) Naphthalene	15.36	128	153	2.094	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081019\
Data File : VW011793.D
Acq On : 09 Aug 2019 02:48
Operator : SY/VA
Sample : K4228-13
Misc : 6.37G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2S-11-(0)

Quant Time: Aug 09 05:39:30 2019
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: VW011793.D

Acq: 09 Aug 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

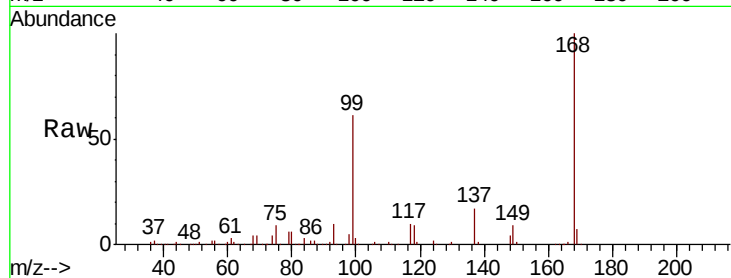
2S-11-(0)

Tgt Ion:168 Resp: 238673

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

7.95

120000

100000

80000

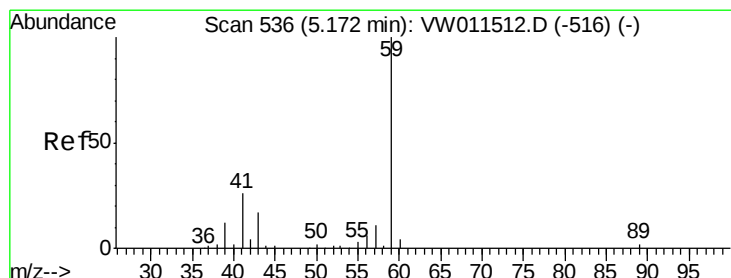
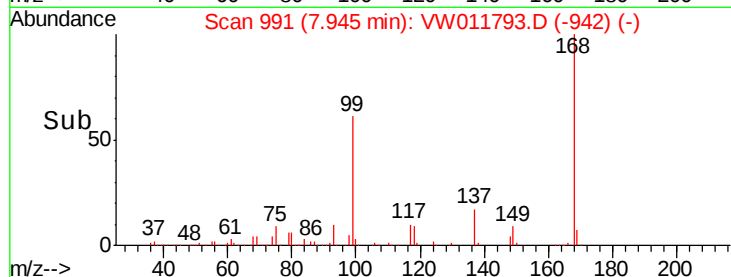
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.446 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW011793.D

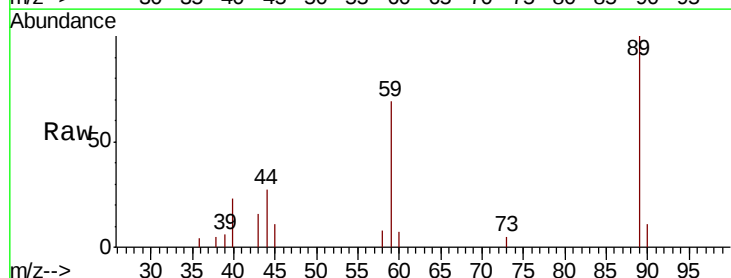
Acq: 09 Aug 2019 02:48

Tgt Ion: 59 Resp: 3878

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

5.12

1000

800

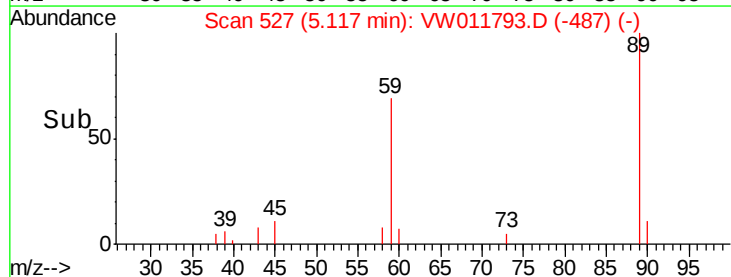
600

400

200

0

Time-->

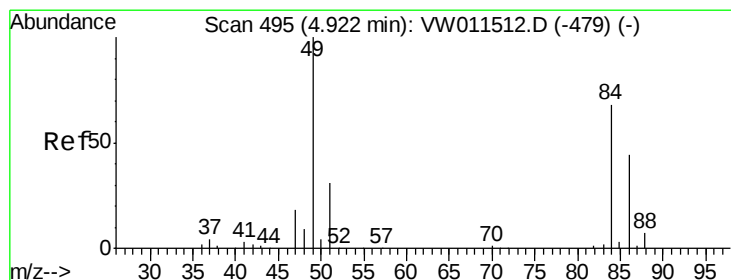
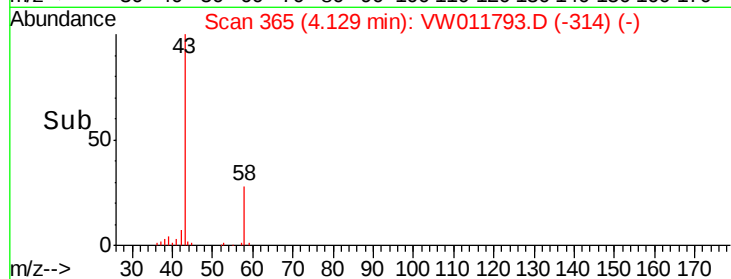
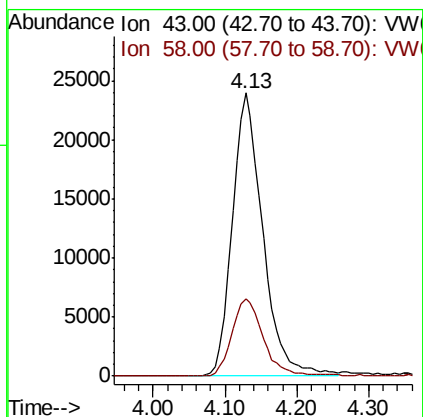
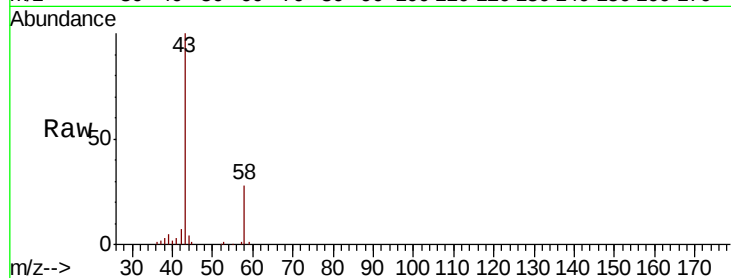




#16
Acetone
Concen: 80.759 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

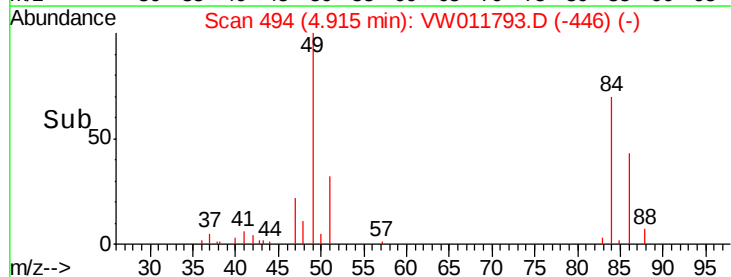
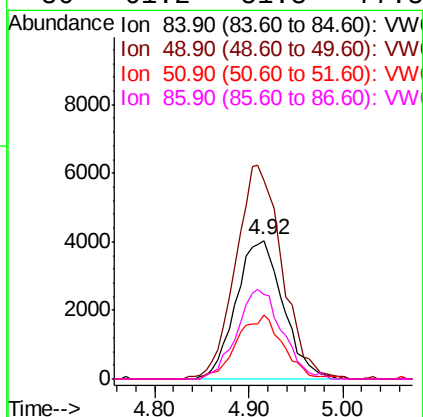
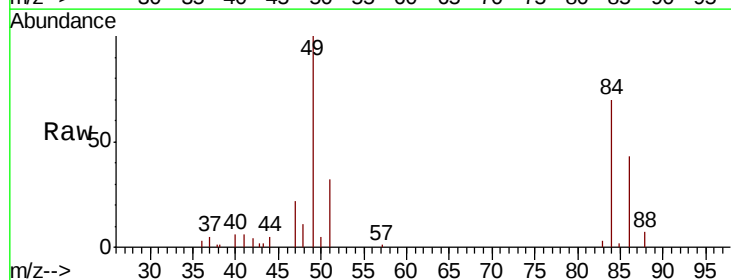
Instrument :
MSVOA_W
ClientSampled :
2S-11-(0)

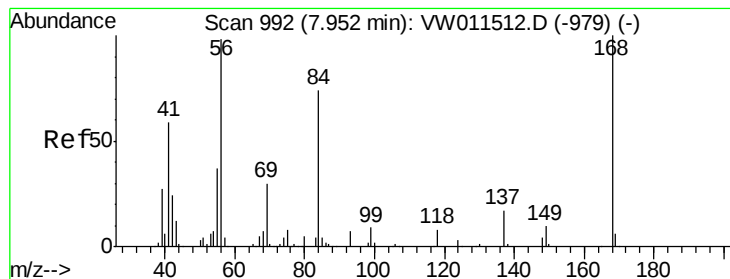
Tgt Ion: 43 Resp: 70405
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5



#20
Methylene Chloride
Concen: 4.688 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

Tgt Ion: 84 Resp: 14096
Ion Ratio Lower Upper
84 100
49 141.9 117.8 176.6
51 46.4 37.0 55.4
86 61.2 51.8 77.8





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011793.D

Acq: 09 Aug 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

2S-11-(0)

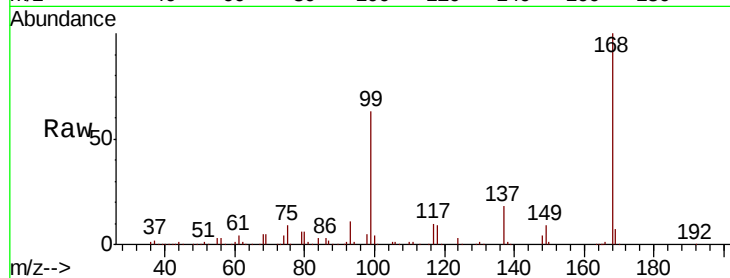
Tgt Ion: 56 Resp: 5918

Ion Ratio Lower Upper

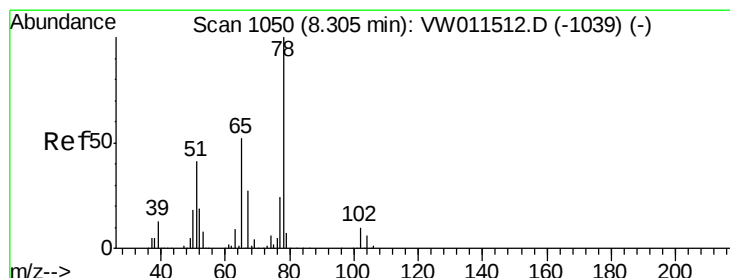
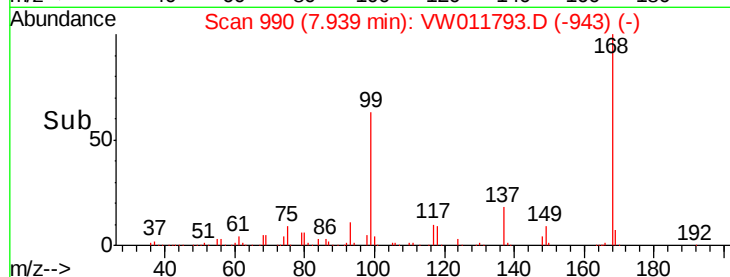
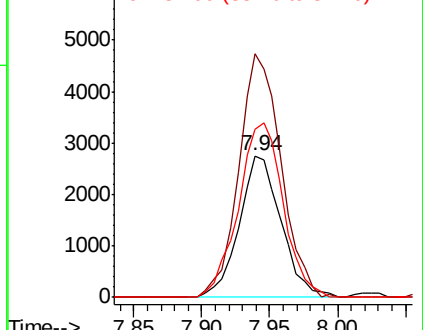
56 100

69 172.2 24.3 36.5#

84 119.0 60.4 90.6#



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: 57.685 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011793.D

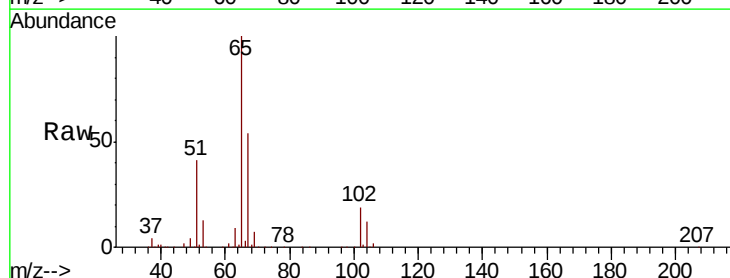
Acq: 09 Aug 2019 02:48

Tgt Ion: 65 Resp: 158093

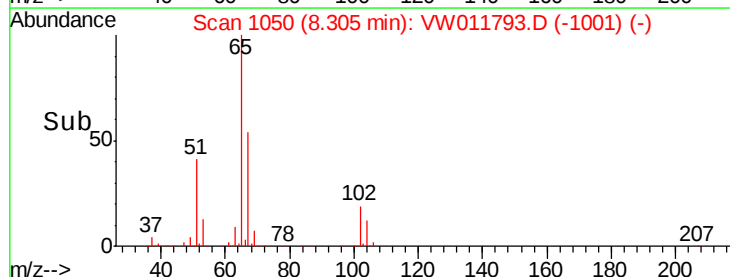
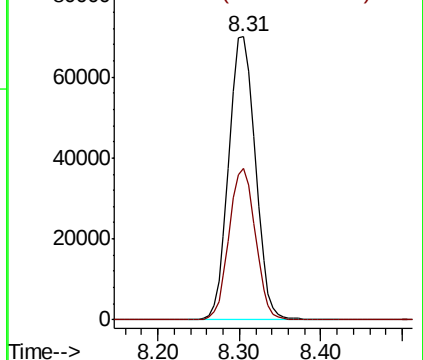
Ion Ratio Lower Upper

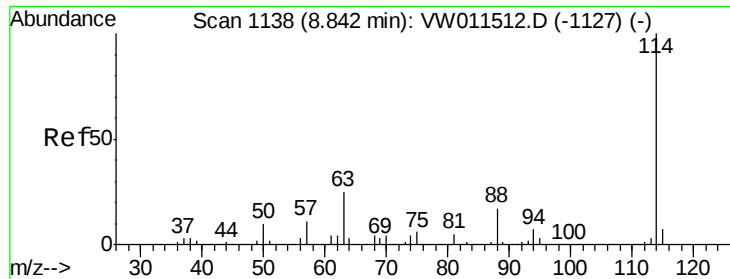
65 100

67 53.0 0.0 105.2



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

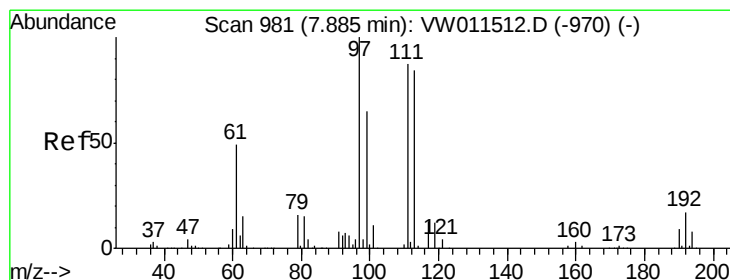
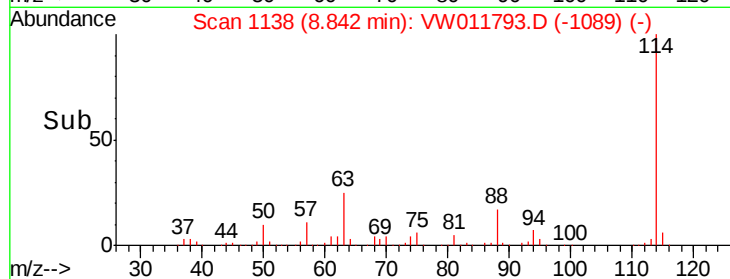
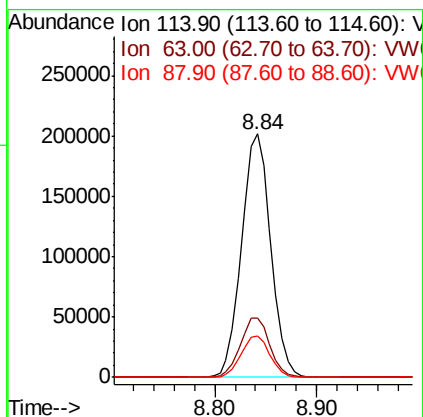
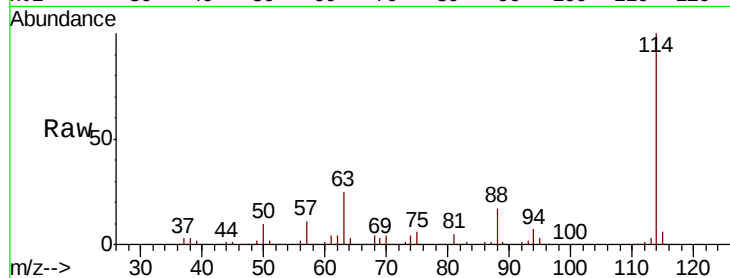




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

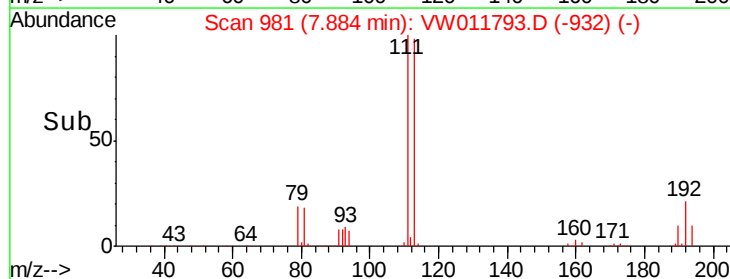
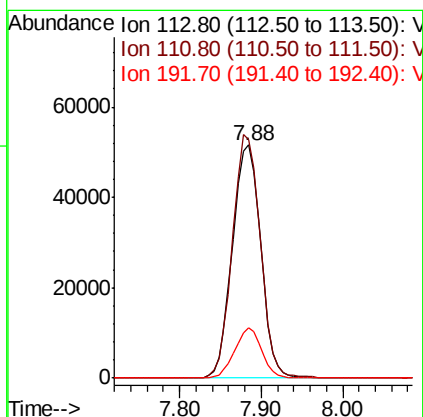
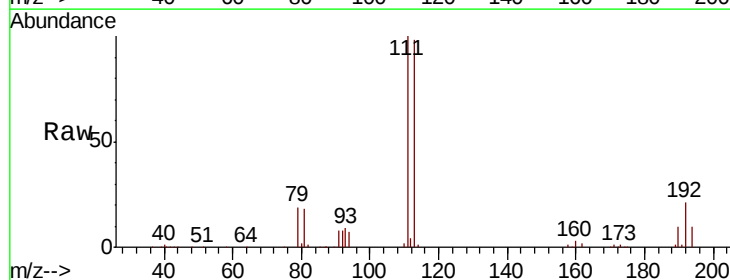
Instrument :
MSVOA_W
ClientSampled :
2S-11-(0)

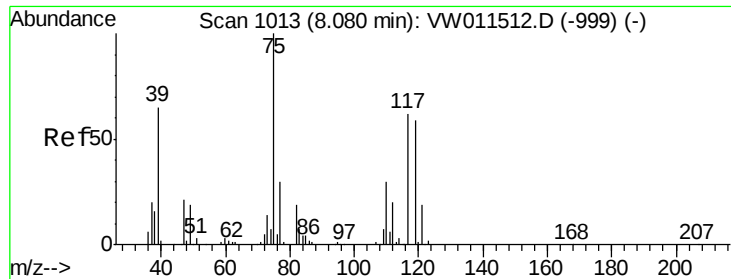
Tgt Ion:114 Resp: 399857
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 55.424 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

Tgt Ion:113 Resp: 124330
Ion Ratio Lower Upper
113 100
111 102.3 82.7 124.1
192 20.4 16.1 24.1

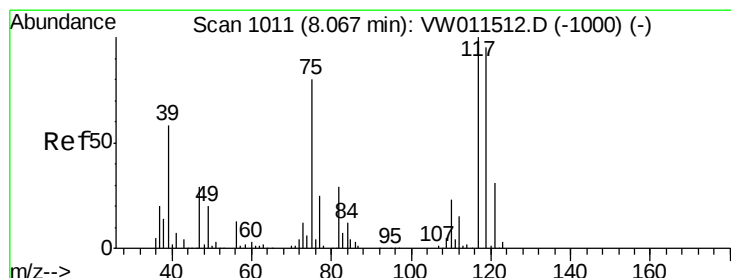
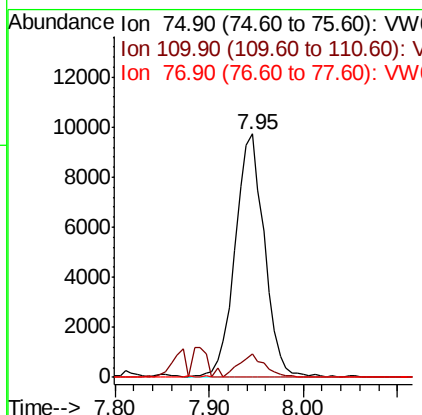
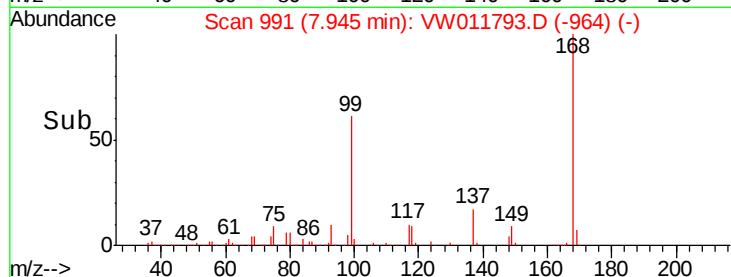
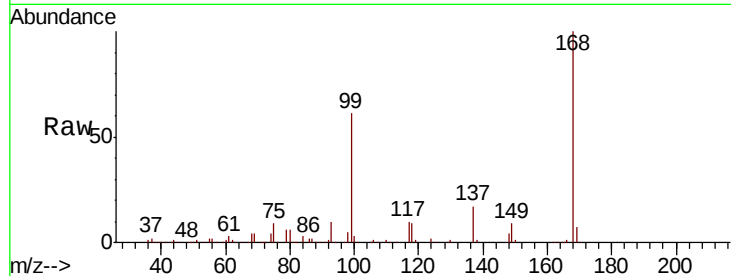




#36
 1,1-Dichloropropene
 Concen: 5.075 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011793.D
 Acq: 09 Aug 2019 02:48

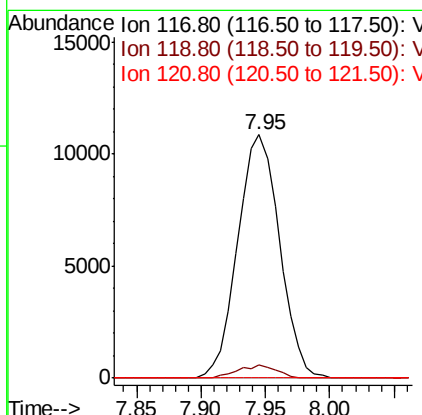
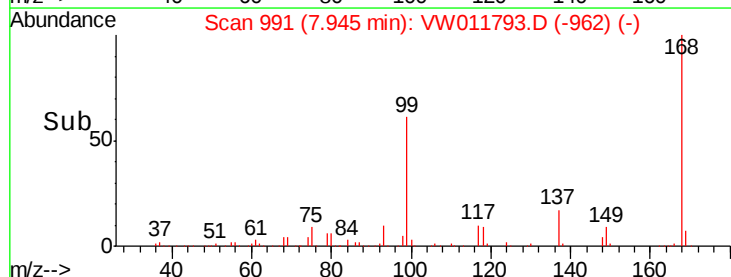
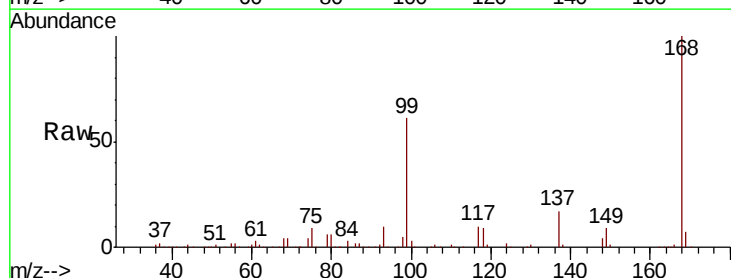
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-11-(0)

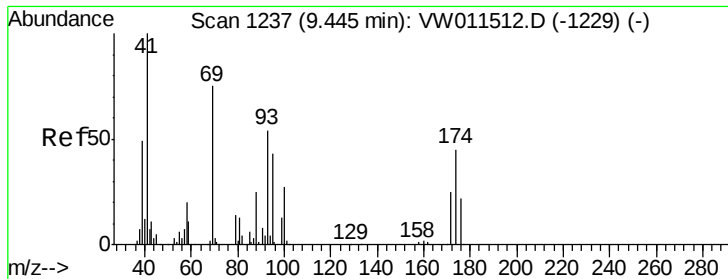
Tgt Ion: 75 Resp: 21102
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.857 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011793.D
 Acq: 09 Aug 2019 02:48

Tgt Ion: 117 Resp: 24407
 Ion Ratio Lower Upper
 117 100
 119 5.6 75.8 113.6#
 121 0.0 24.7 37.1#

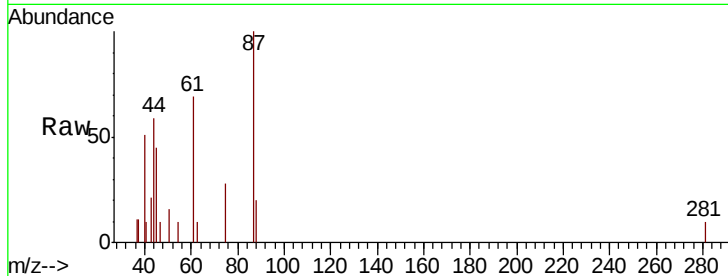




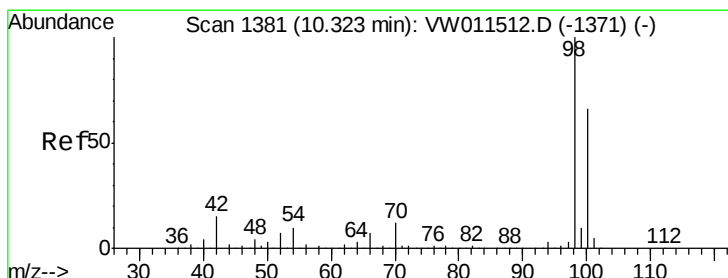
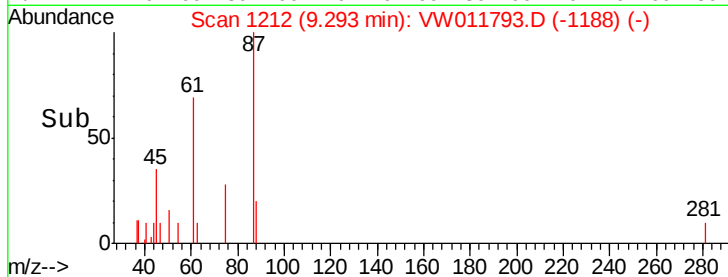
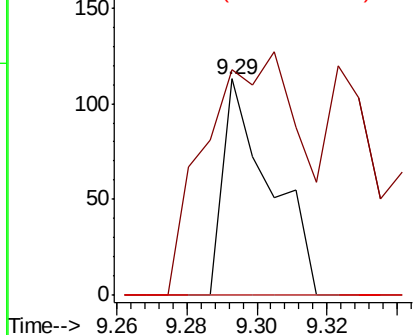
#49
1,4-Dioxane
Concen: 5.147 ug/l
RT: 9.29 min Scan# 1212
Delta R.T. -0.15 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

Instrument :
MSVOA_W
ClientSampleId :
2S-11-(0)

Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 224.5 34.0 51.0#
58 0.0 69.7 104.5#

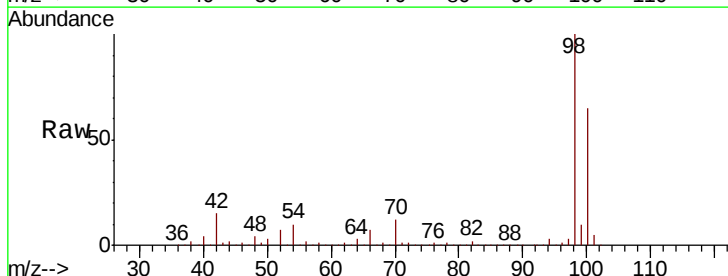


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

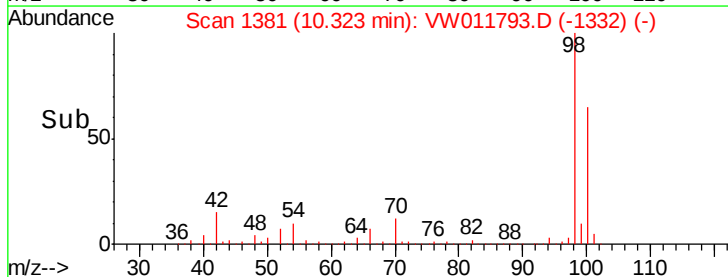
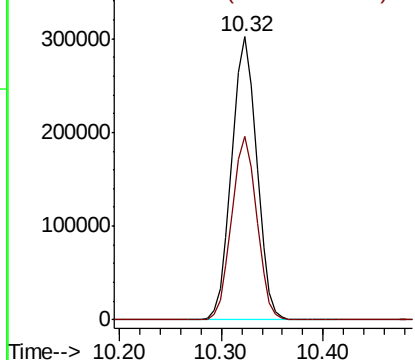


#50
Toluene-d8
Concen: 55.961 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

Tgt Ion: 98 Resp: 513983
Ion Ratio Lower Upper
98 100
100 64.9 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: 50.519 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011793.D

Acq: 09 Aug 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

2S-11-(0)

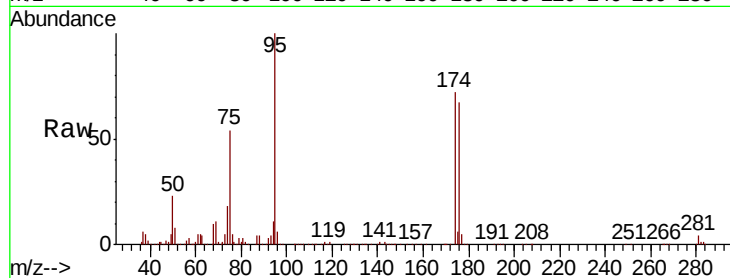
Tgt Ion: 95 Resp: 165425

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.2

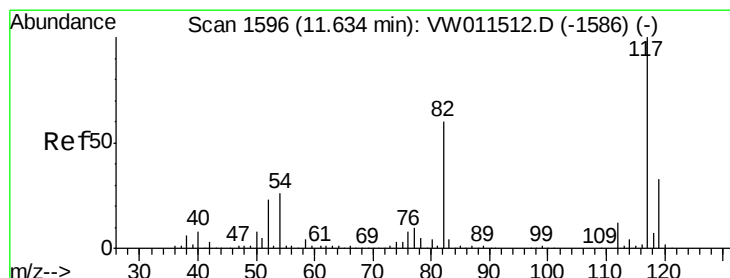
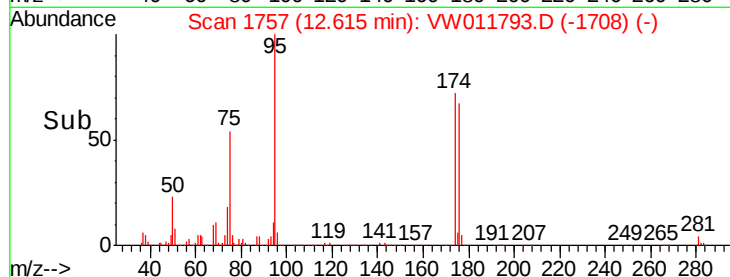
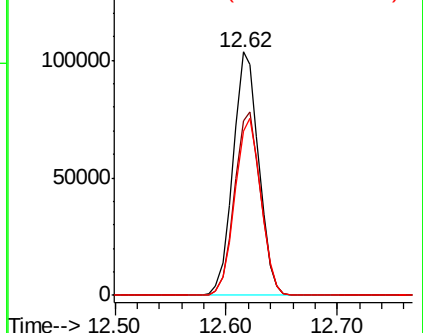
176 73.8 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011793.D

Acq: 09 Aug 2019 02:48

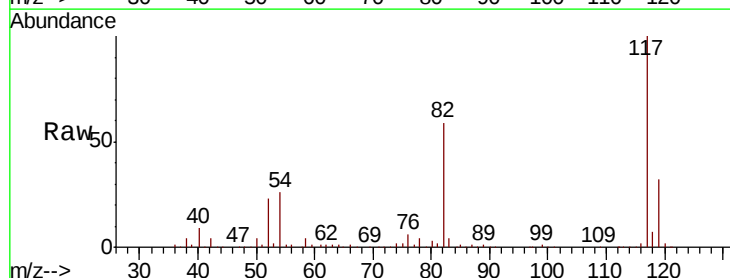
Tgt Ion: 117 Resp: 357866

Ion Ratio Lower Upper

117 100

82 58.8 47.9 71.9

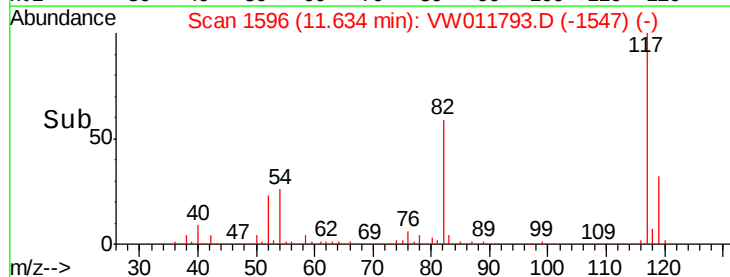
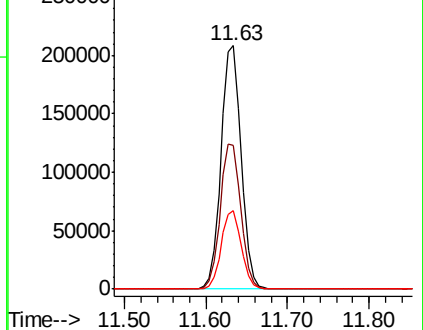
119 32.0 26.2 39.2

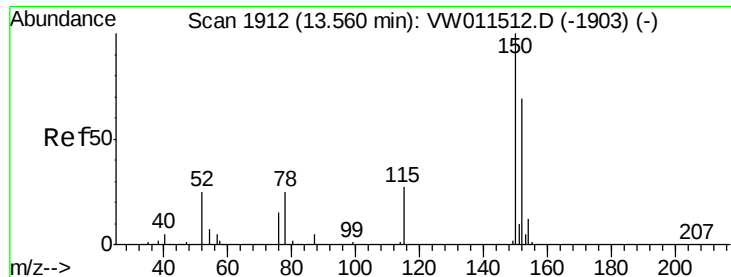


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011793.D

Acq: 09 Aug 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

2S-11-(0)

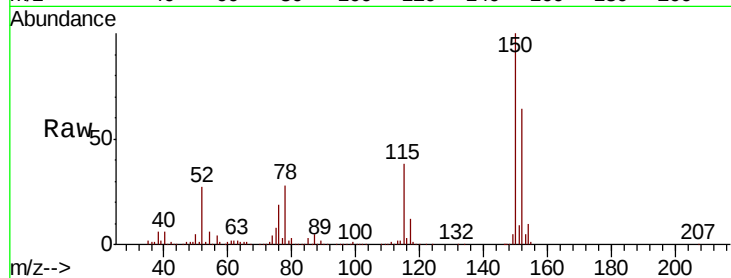
Tgt Ion:152 Resp: 133794

Ion Ratio Lower Upper

152 100

115 59.9 30.5 91.5

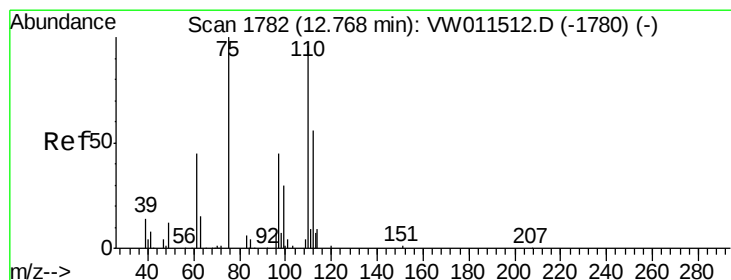
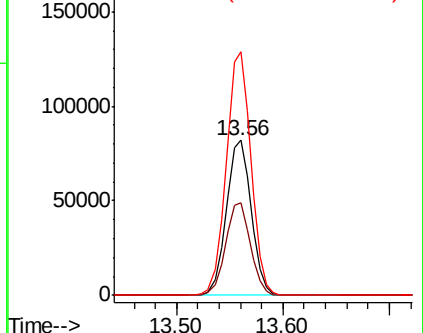
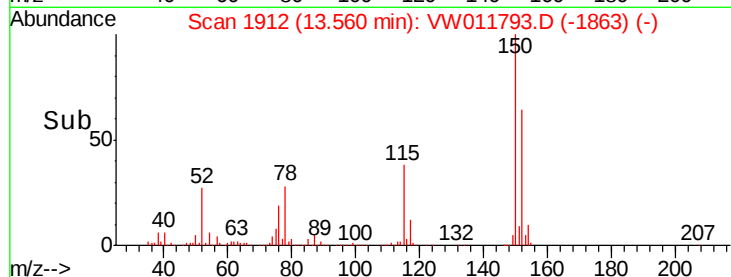
150 155.9 0.0 352.6



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: 63.165 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011793.D

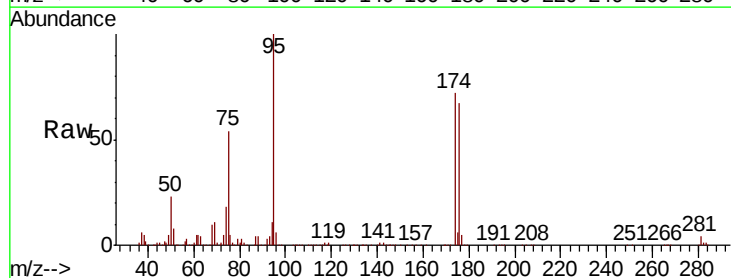
Acq: 09 Aug 2019 02:48

Tgt Ion: 75 Resp: 89422

Ion Ratio Lower Upper

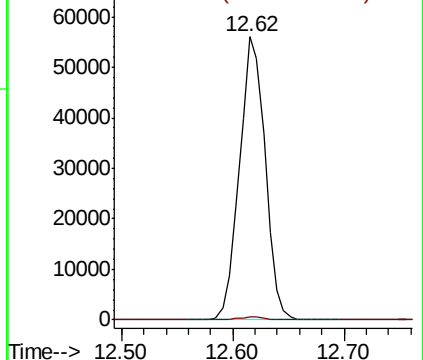
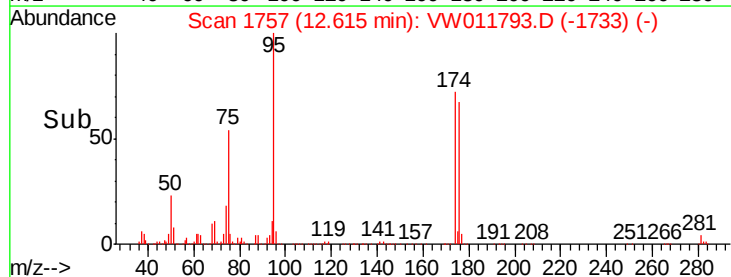
75 100

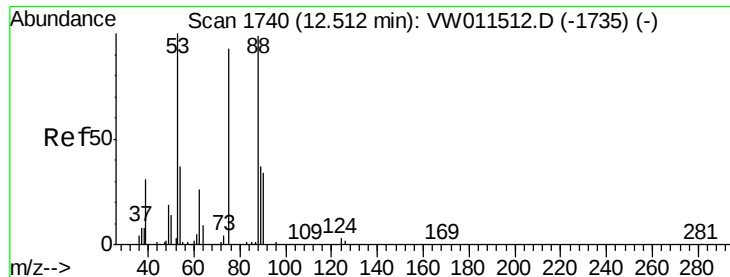
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

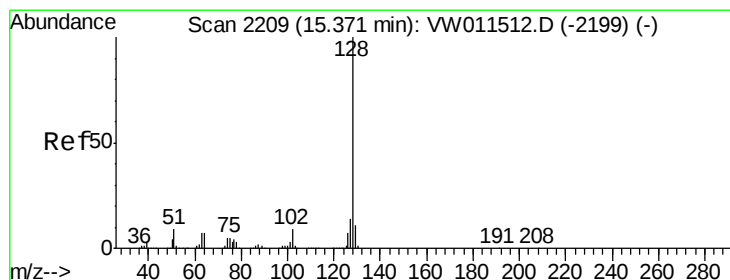
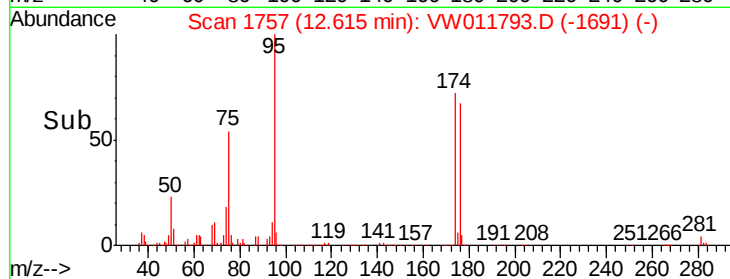
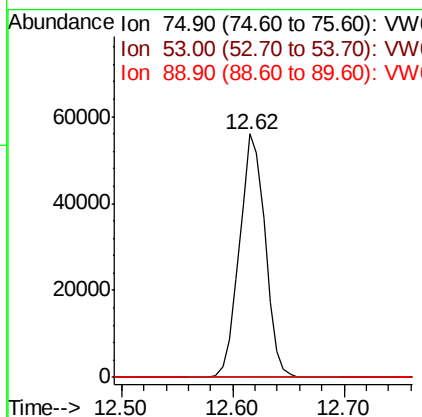
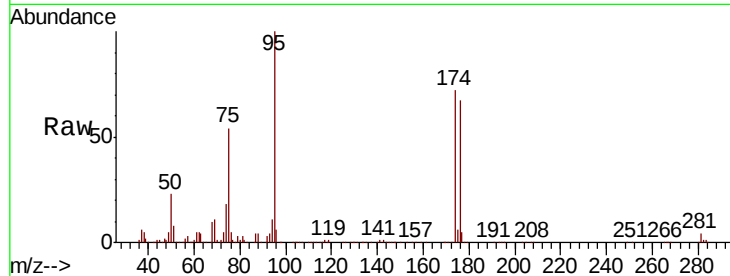




#81
trans-1,4-Dichloro-2-butene
Concen: 145.573 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

Instrument :
MSVOA_W
ClientSampleId :
2S-11-(0)

Tgt Ion: 75 Resp: 89422
Ion Ratio Lower Upper
75 100
53 0.1 88.0 132.0#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.094 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011793.D
Acq: 09 Aug 2019 02:48

Tgt Ion: 128 Resp: 153
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

