

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011827.D
 Acq On : 09 Aug 2019 22:34
 Operator : SY/VA
 Sample : K4227-12
 Misc : 5.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-P-(1)

Quant Time: Aug 11 01:30:18 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	199326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328802	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103344	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	132264	57.79	ug/l	0.00
Spiked Amount			Recovery	=	115.58%	
35) Dibromofluoromethane	7.88	113	103376	56.04	ug/l	0.00
Spiked Amount			Recovery	=	112.08%	
50) Toluene-d8	10.32	98	404500	53.56	ug/l	0.00
Spiked Amount			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.62	95	122484	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	

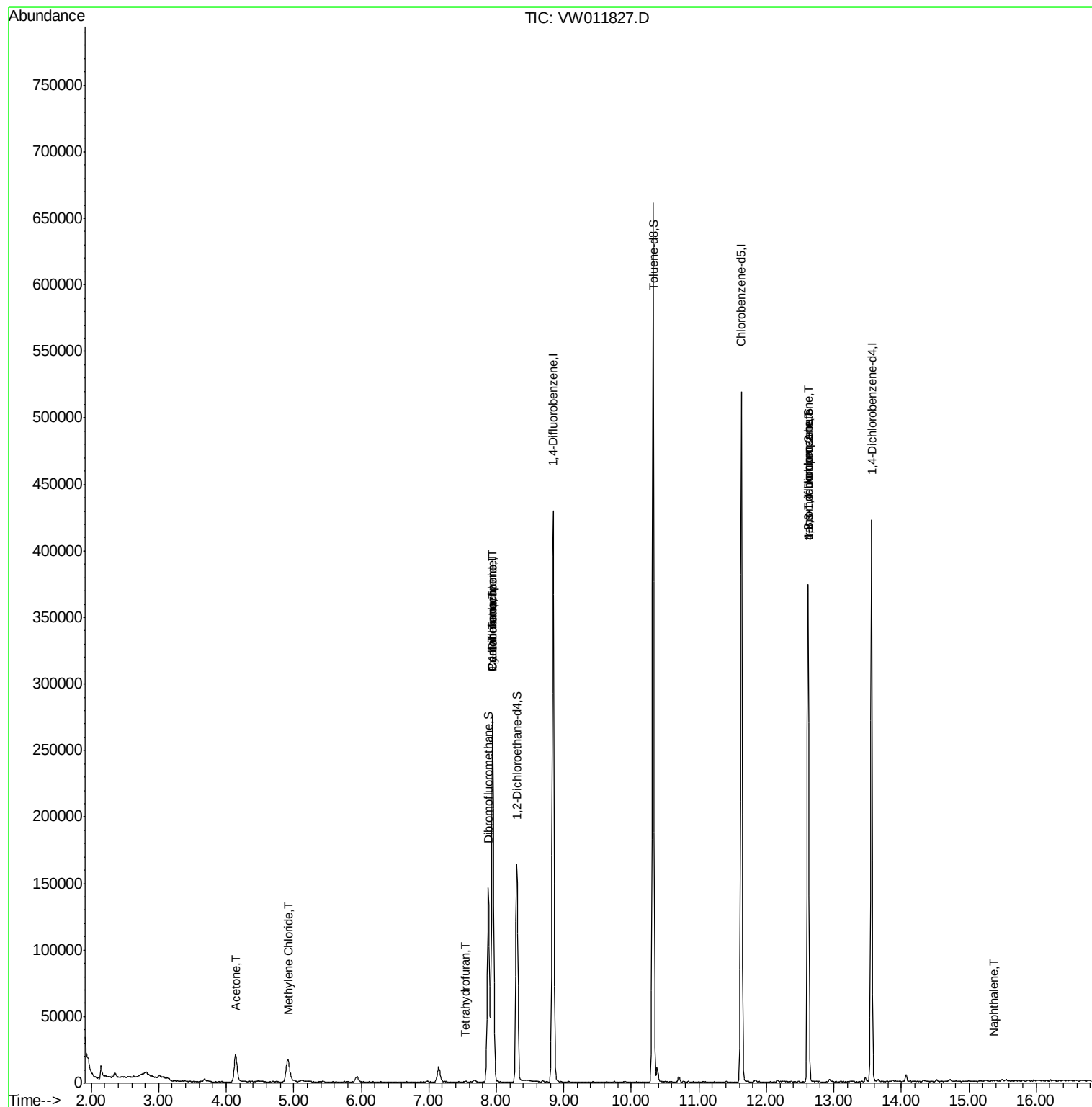
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	1267	Below Cal	#	72
16) Acetone	4.14	43	42661	58.595	ug/l	100
20) Methylene Chloride	4.92	84	13325	5.307	ug/l	95
29) Tetrahydrofuran	7.53	42	555	1.019	ug/l #	62
31) Cyclohexane	7.95	56	5270	1.231	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17268	5.051	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20551	7.022	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	65853	60.222	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65853	138.792	ug/l #	6
95) Naphthalene	15.37	128	148	2.101	ug/l #	69

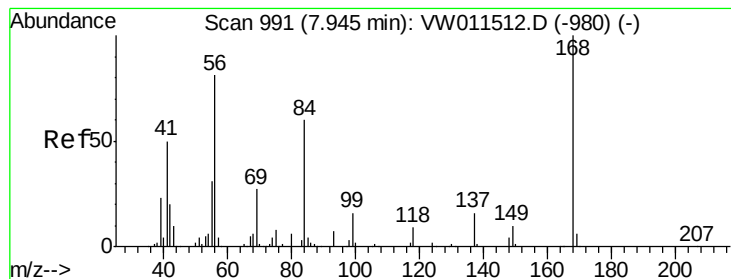
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
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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# 992

Delta R.T. 0.01 min

Lab File: VW011827.D

Acq: 09 Aug 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

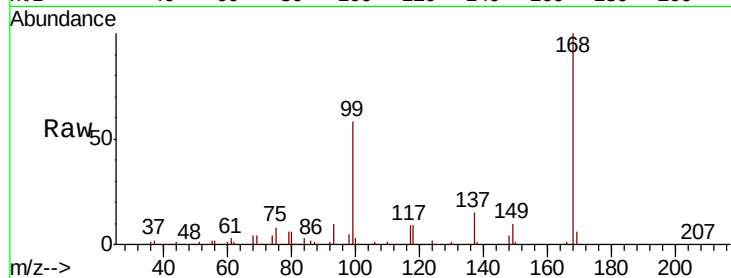
1S-P-(1)

Tgt Ion:168 Resp: 199326

Ion Ratio Lower Upper

168 100

99 57.9 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

100000

80000

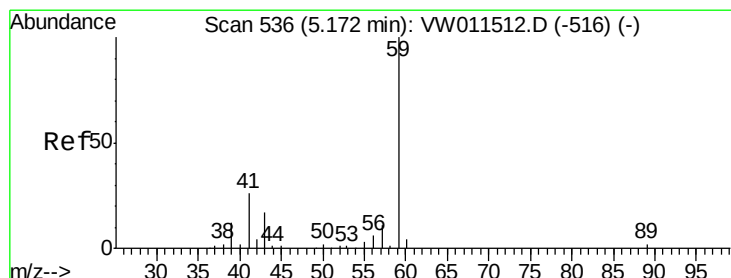
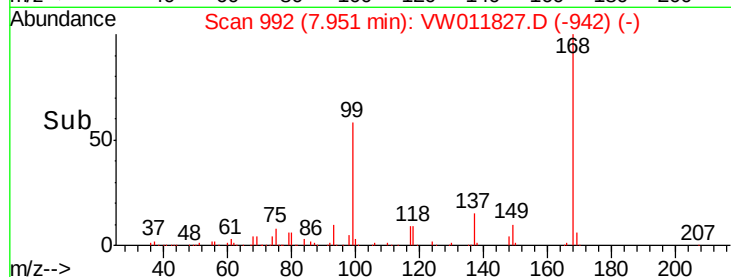
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW011827.D

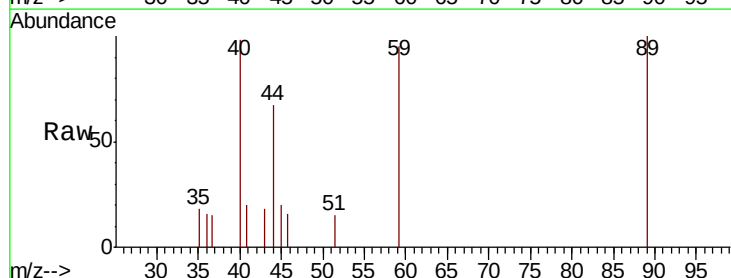
Acq: 09 Aug 2019 22:34

Tgt Ion: 59 Resp: 1267

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

400

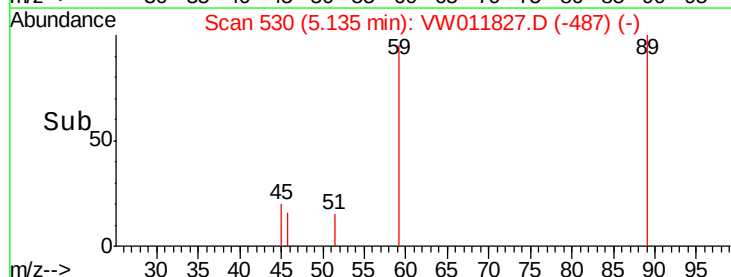
300

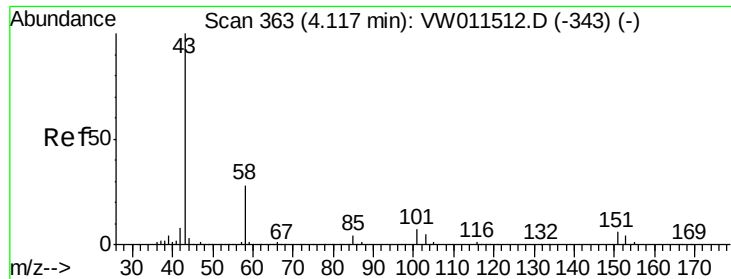
200

100

0

Time--> 5.05 5.10 5.15





#16

Acetone

Concen: 58.595 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011827.D

Acq: 09 Aug 2019 22:34

Instrument :

MSVOA_W

ClientSampleId :

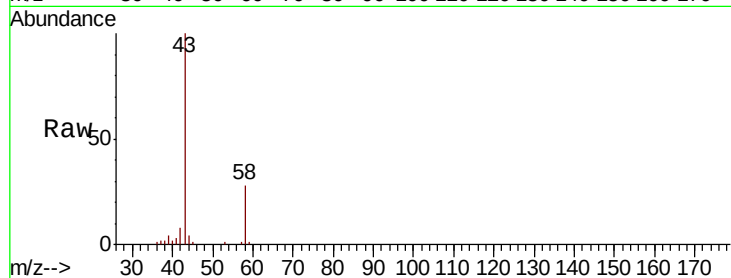
1S-P-(1)

Tgt Ion: 43 Resp: 42661

Ion Ratio Lower Upper

43 100

58 28.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

15000

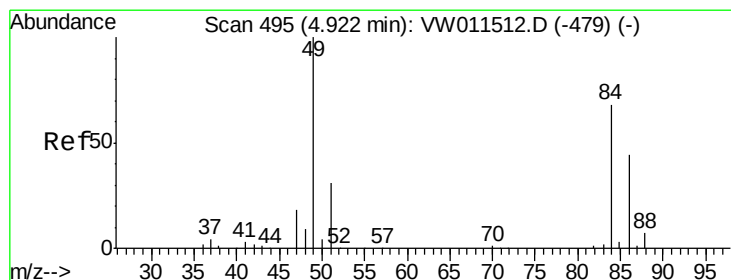
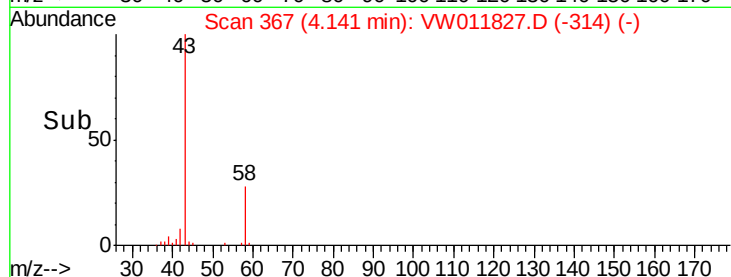
10000

5000

0

4.00 4.10 4.20 4.30

Time-->



#20

Methylene Chloride

Concen: 5.307 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011827.D

Acq: 09 Aug 2019 22:34

Tgt Ion: 84 Resp: 13325

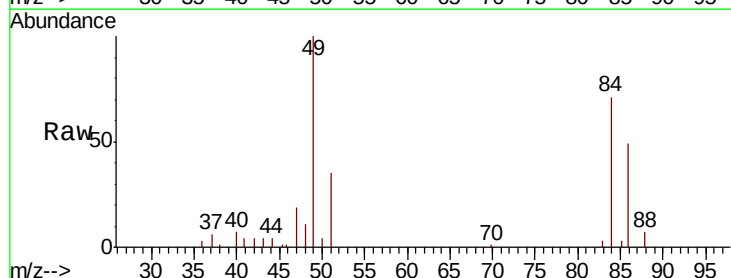
Ion Ratio Lower Upper

84 100

49 141.8 117.8 176.6

51 49.7 37.0 55.4

86 69.8 51.8 77.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

8000

6000

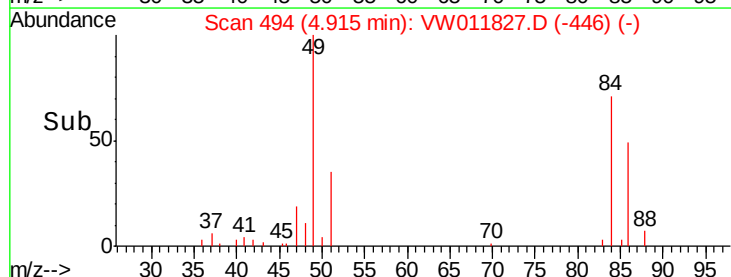
4000

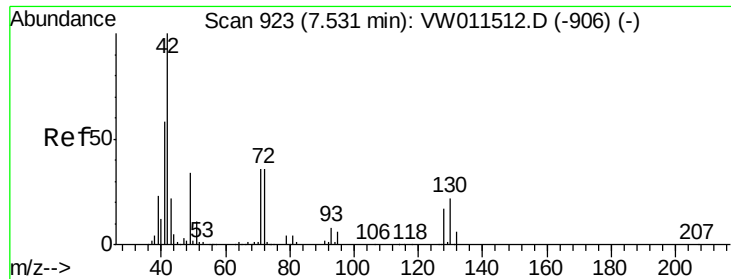
2000

0

4.80 4.90 5.00

Time-->

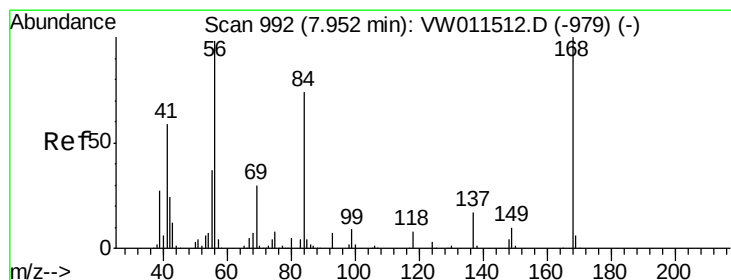
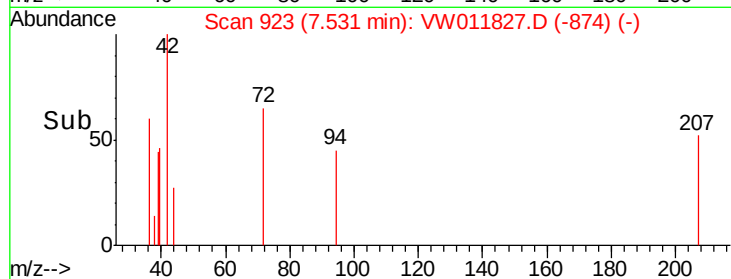
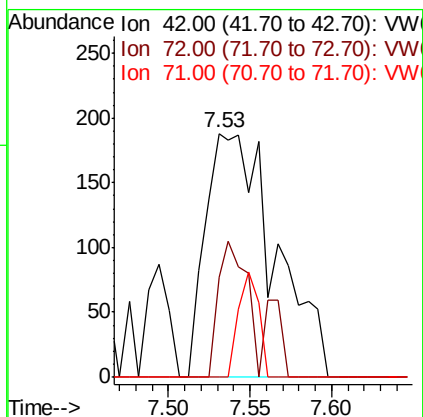
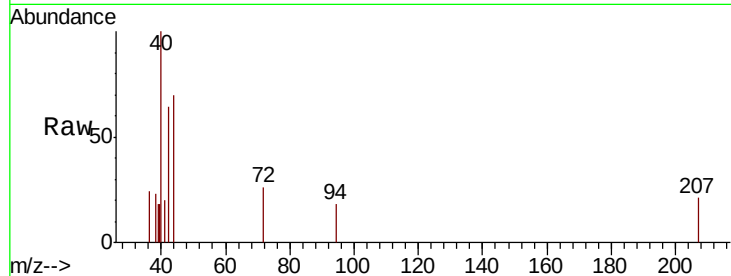




#29
Tetrahydrofuran
Concen: 1.019 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011827.D
Acq: 09 Aug 2019 22:34

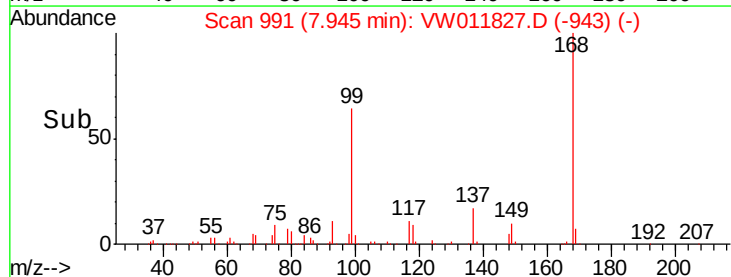
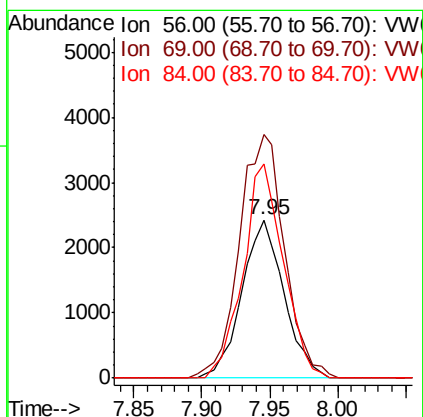
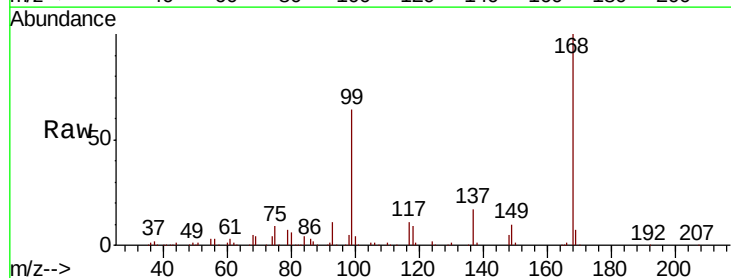
Instrument :
MSVOA_W
ClientSampled :
1S-P-(1)

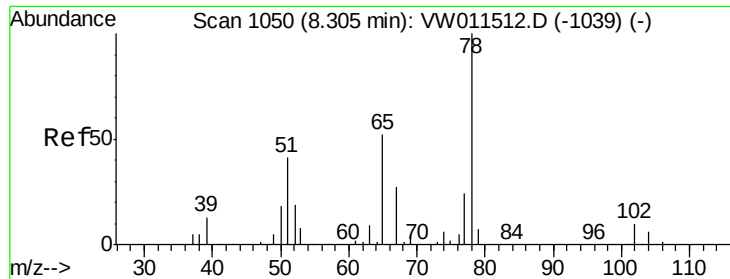
Tgt Ion: 42 Resp: 555
Ion Ratio Lower Upper
42 100
72 22.9 27.1 40.7#
71 0.0 26.2 39.4#



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011827.D
Acq: 09 Aug 2019 22:34

Tgt Ion: 56 Resp: 5270
Ion Ratio Lower Upper
56 100
69 154.0 24.3 36.5#
84 135.2 60.4 90.6#

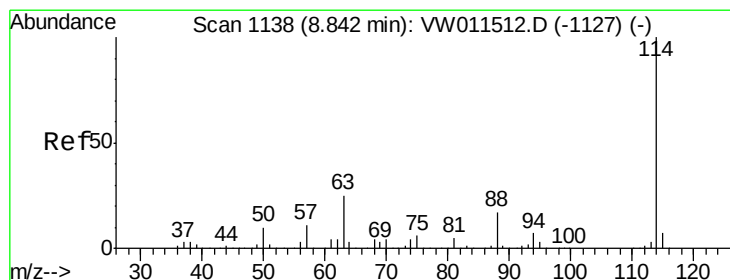
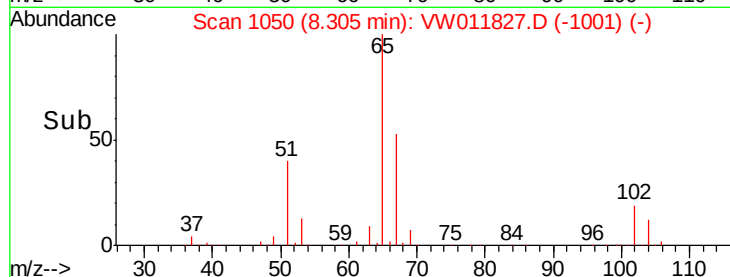
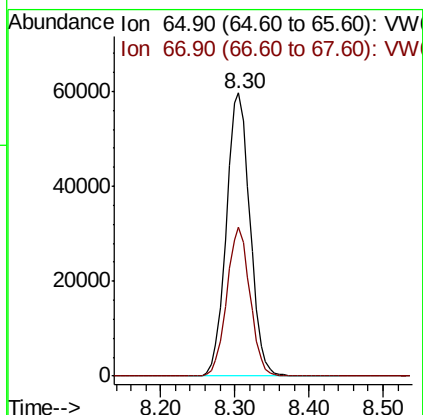
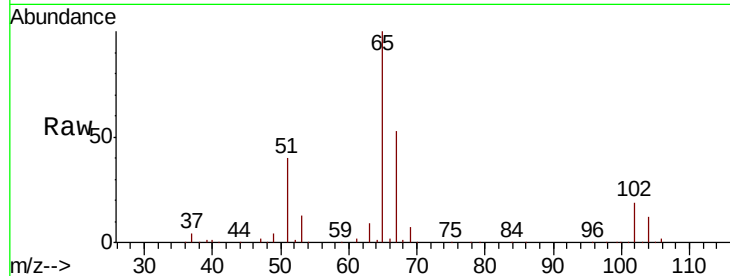




#33
 1,2-Dichloroethane-d4
 Concen: 57.787 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011827.D
 Acq: 09 Aug 2019 22:34

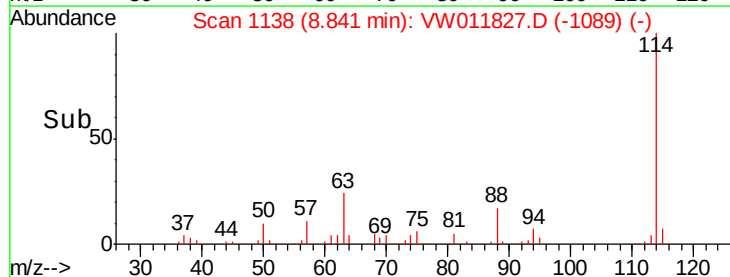
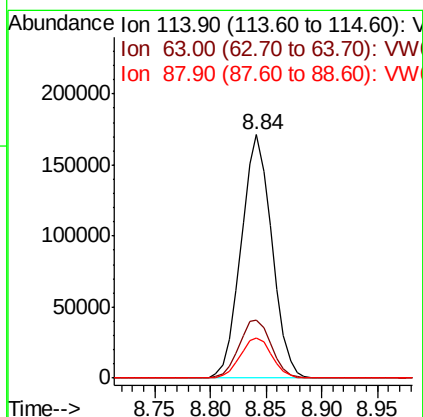
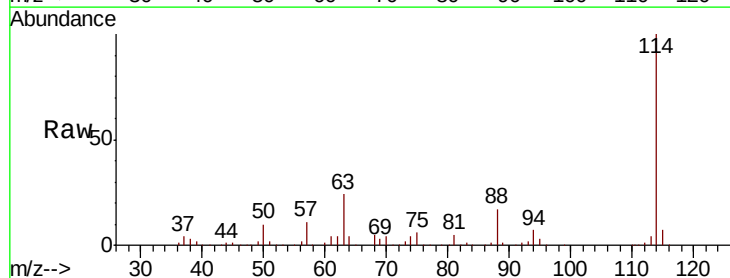
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-P-(1)

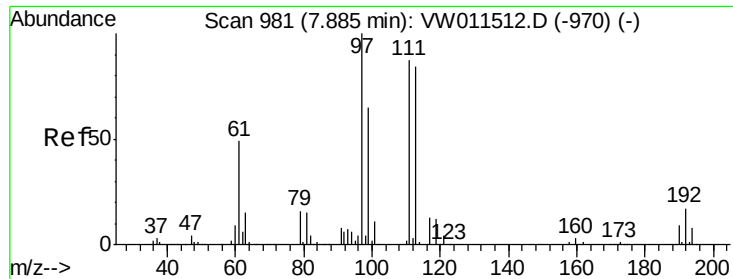
Tgt Ion: 65 Resp: 132264
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011827.D
 Acq: 09 Aug 2019 22:34

Tgt Ion: 114 Resp: 328802
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.5 0.0 33.8

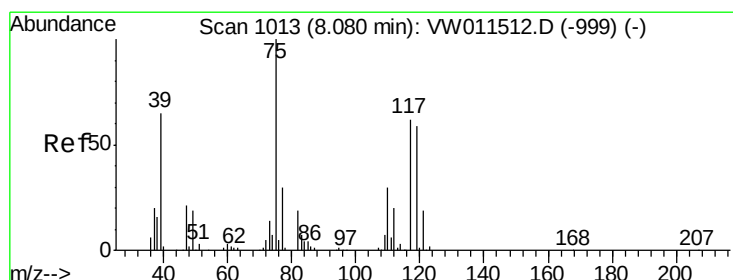
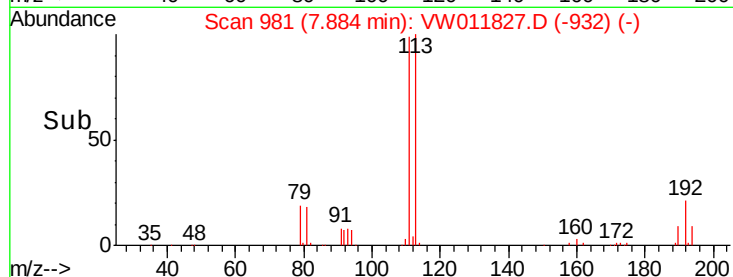
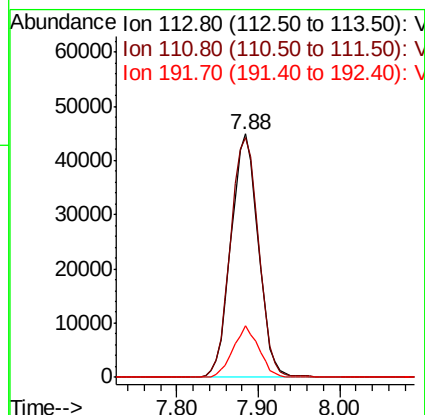
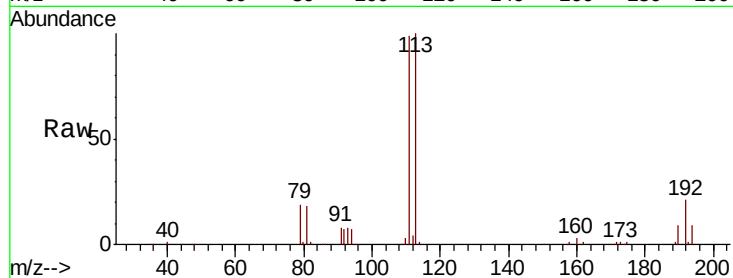




#35
 Dibromofluoromethane
 Concen: 56.041 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011827.D
 Acq: 09 Aug 2019 22:34

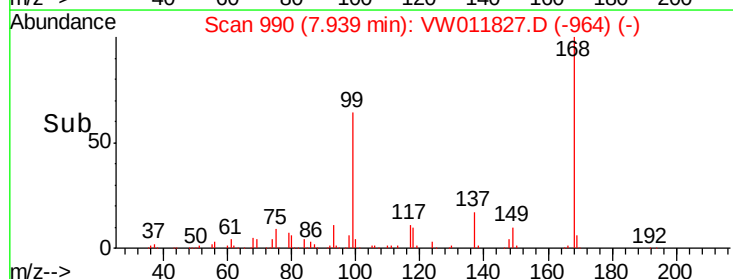
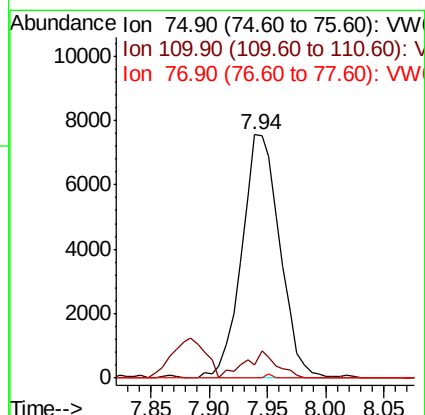
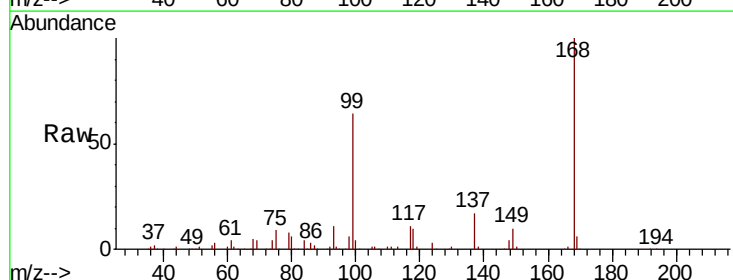
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-P-(1)

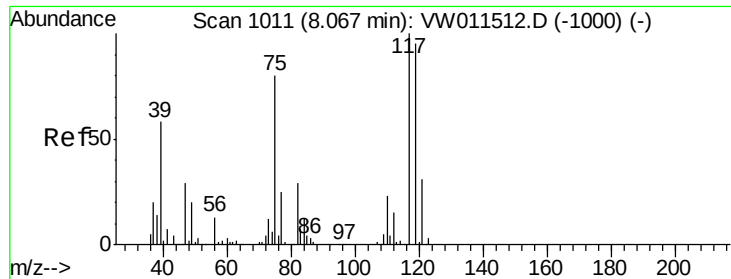
Tgt Ion: 113 Resp: 103376
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 20.0 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.051 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011827.D
 Acq: 09 Aug 2019 22:34

Tgt Ion: 75 Resp: 17268
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.6 46.8#
 77 0.3 24.3 36.5#

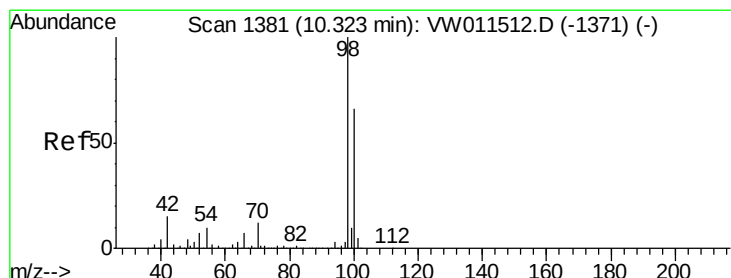
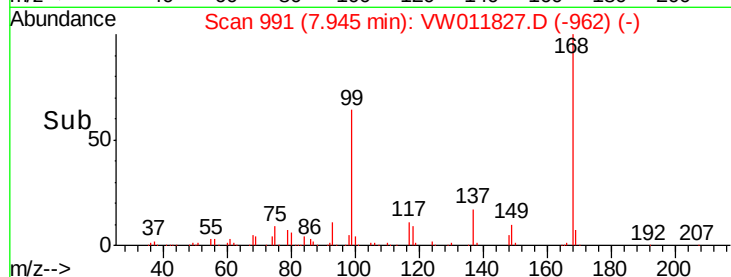
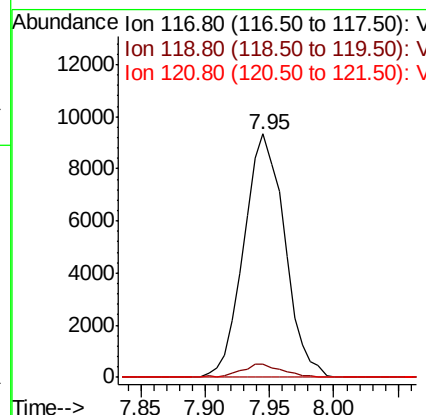
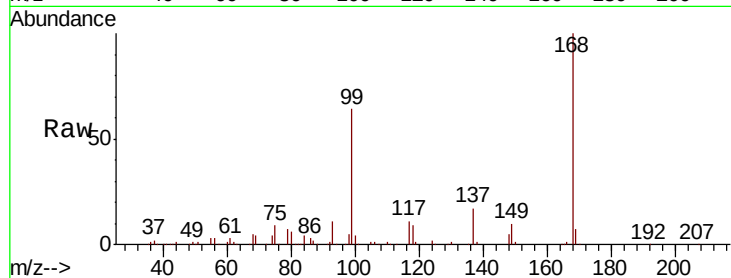




#38
Carbon Tetrachloride
Concen: 7.022 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011827.D
Acq: 09 Aug 2019 22:34

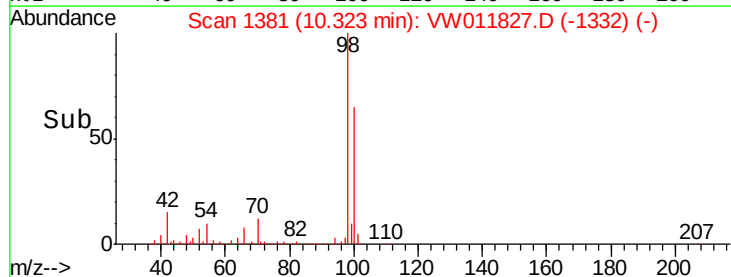
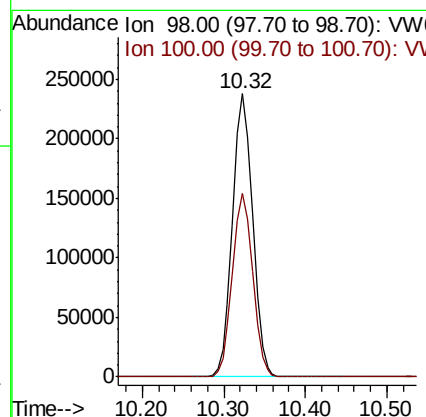
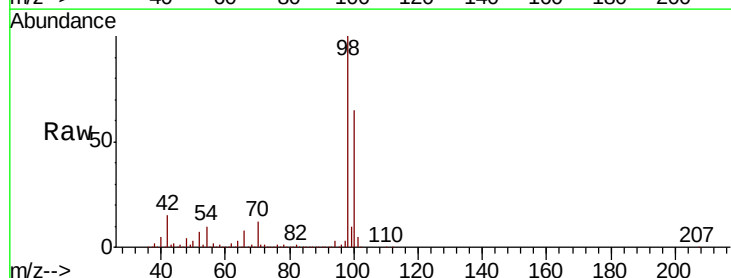
Instrument :
MSVOA_W
ClientSampleId :
1S-P-(1)

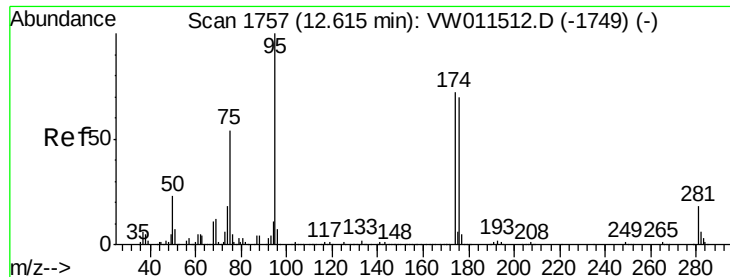
Tgt Ion:117 Resp: 20551
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.559 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011827.D
Acq: 09 Aug 2019 22:34

Tgt Ion: 98 Resp: 404500
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1

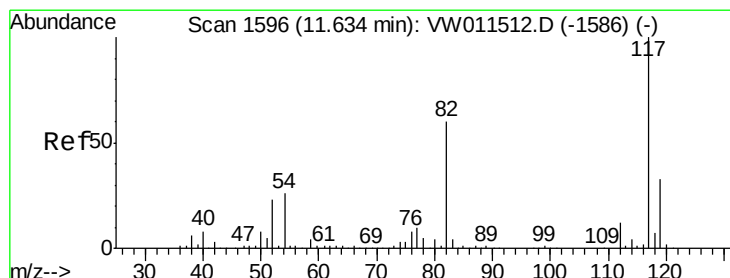
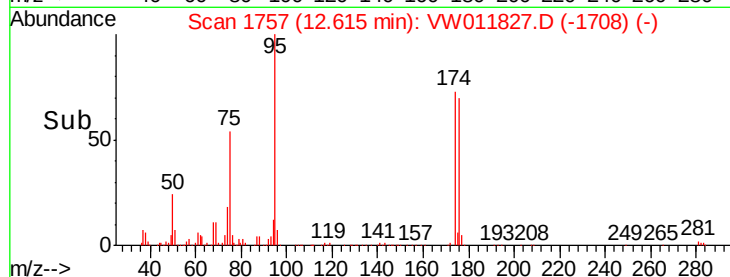
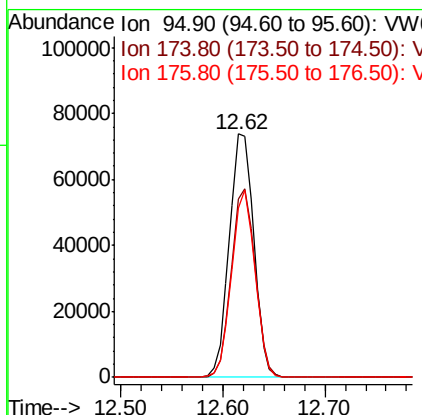
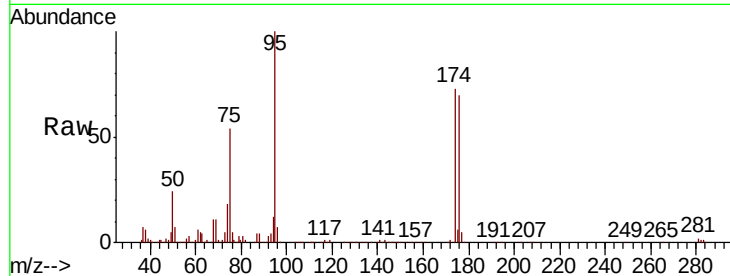




#62
4-Bromofluorobenzene
Concen: 45.489 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011827.D
Acq: 09 Aug 2019 22:34

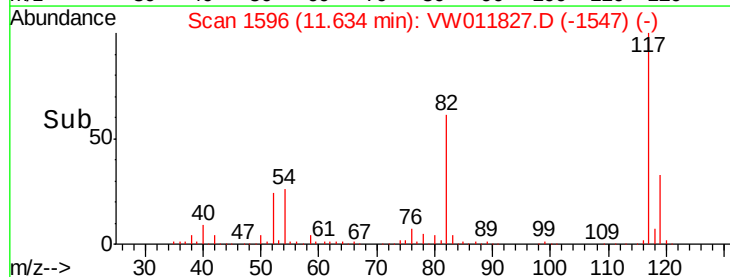
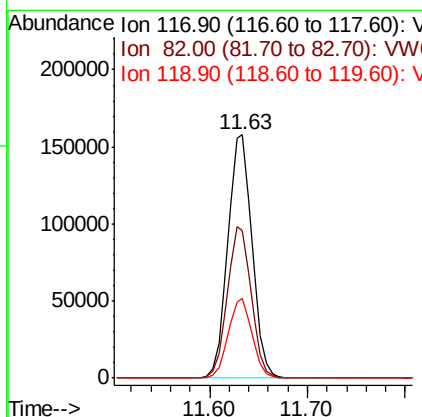
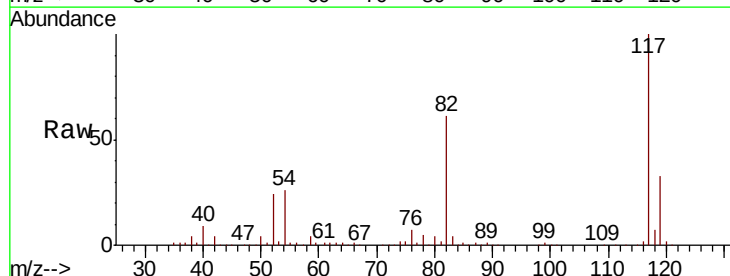
Instrument :
MSVOA_W
ClientSampleId :
1S-P-(1)

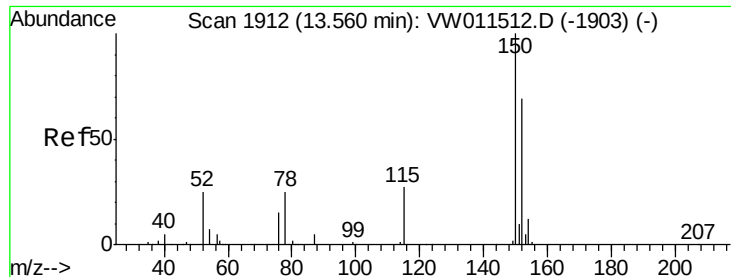
Tgt Ion: 95 Resp: 122484
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 73.4 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011827.D
Acq: 09 Aug 2019 22:34

Tgt Ion: 117 Resp: 270552
Ion Ratio Lower Upper
117 100
82 60.8 47.9 71.9
119 32.8 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: VW011827.D

Acq: 09 Aug 2019 22:34

Instrument :

MSVOA_W

ClientSampled :

1S-P-(1)

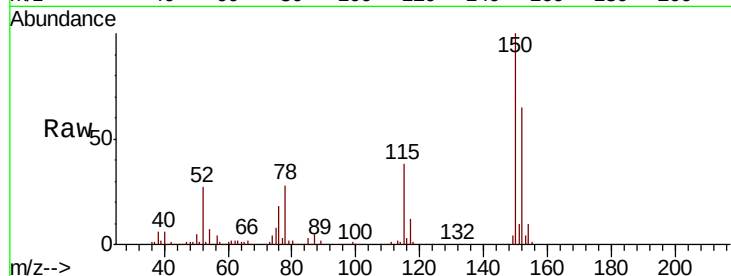
Tgt Ion:152 Resp: 103344

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

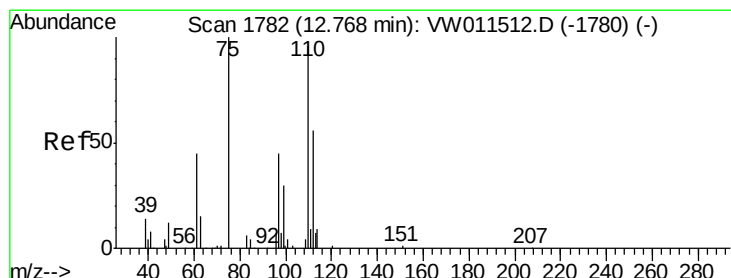
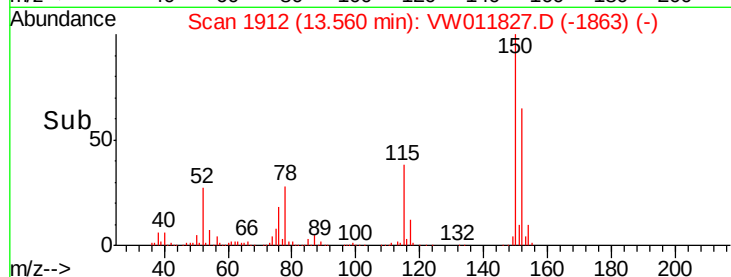
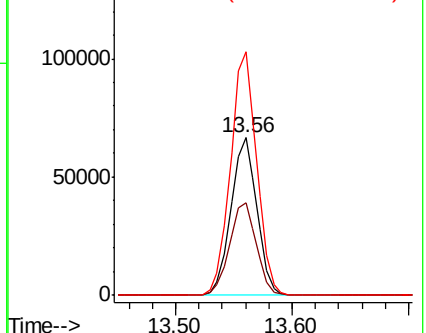
150 156.1 0.0 352.6



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: 60.222 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011827.D

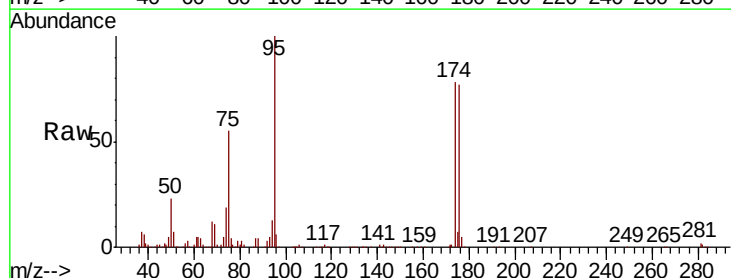
Acq: 09 Aug 2019 22:34

Tgt Ion: 75 Resp: 65853

Ion Ratio Lower Upper

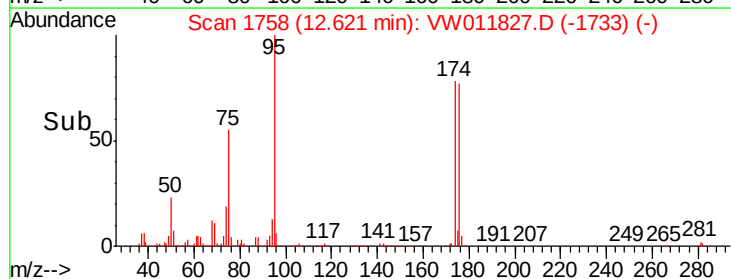
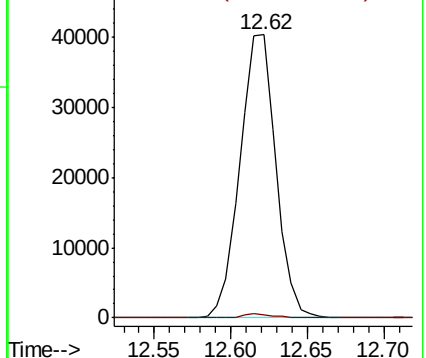
75 100

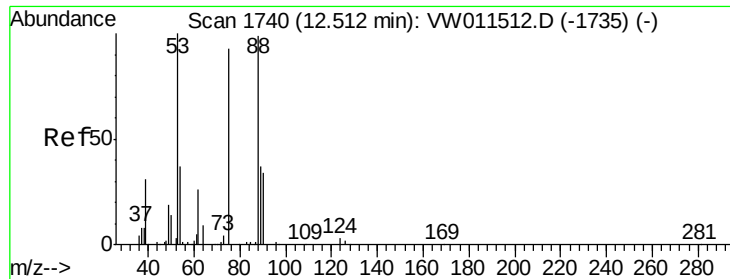
77 1.2 0.0 0.0#



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: 138.792 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011827.D

Acq: 09 Aug 2019 22:34

Instrument :

MSVOA_W

ClientSampled :

1S-P-(1)

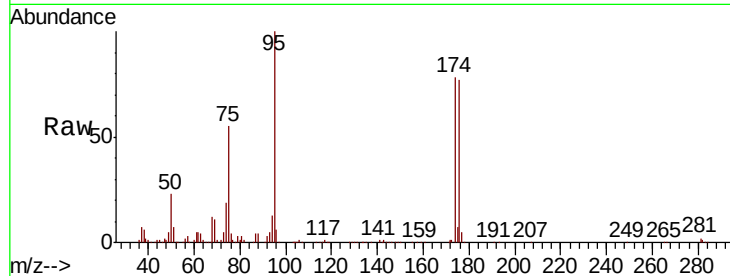
Tgt Ion: 75 Resp: 65853

Ion Ratio Lower Upper

75 100

53 0.2 88.0 132.0#

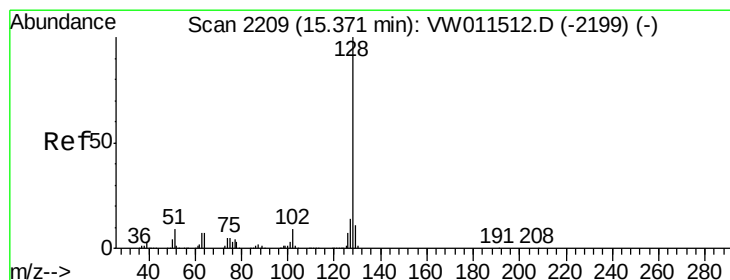
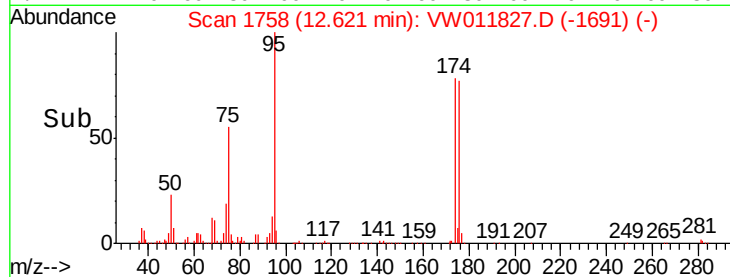
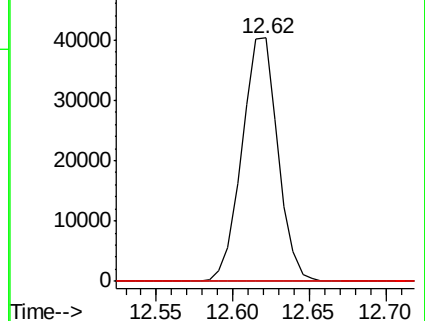
89 0.1 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 2.101 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011827.D

Acq: 09 Aug 2019 22:34

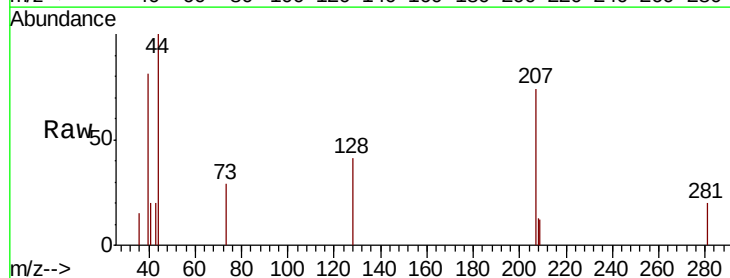
Tgt Ion: 128 Resp: 148

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

