

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
 Data File : VW011649.D
 Acq On : 03 Aug 2019 05:09
 Operator : SY/VA
 Sample : K4131-15
 Misc : 6.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E4-(0-1)

Quant Time: Aug 04 00:09:41 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	239278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125598	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	164494	59.87	ug/l	0.00
Spiked Amount			Recovery	=	119.74%	
35) Dibromofluoromethane	7.88	113	124663	55.20	ug/l	0.00
Spiked Amount			Recovery	=	110.40%	
50) Toluene-d8	10.32	98	491272	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	150792	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	

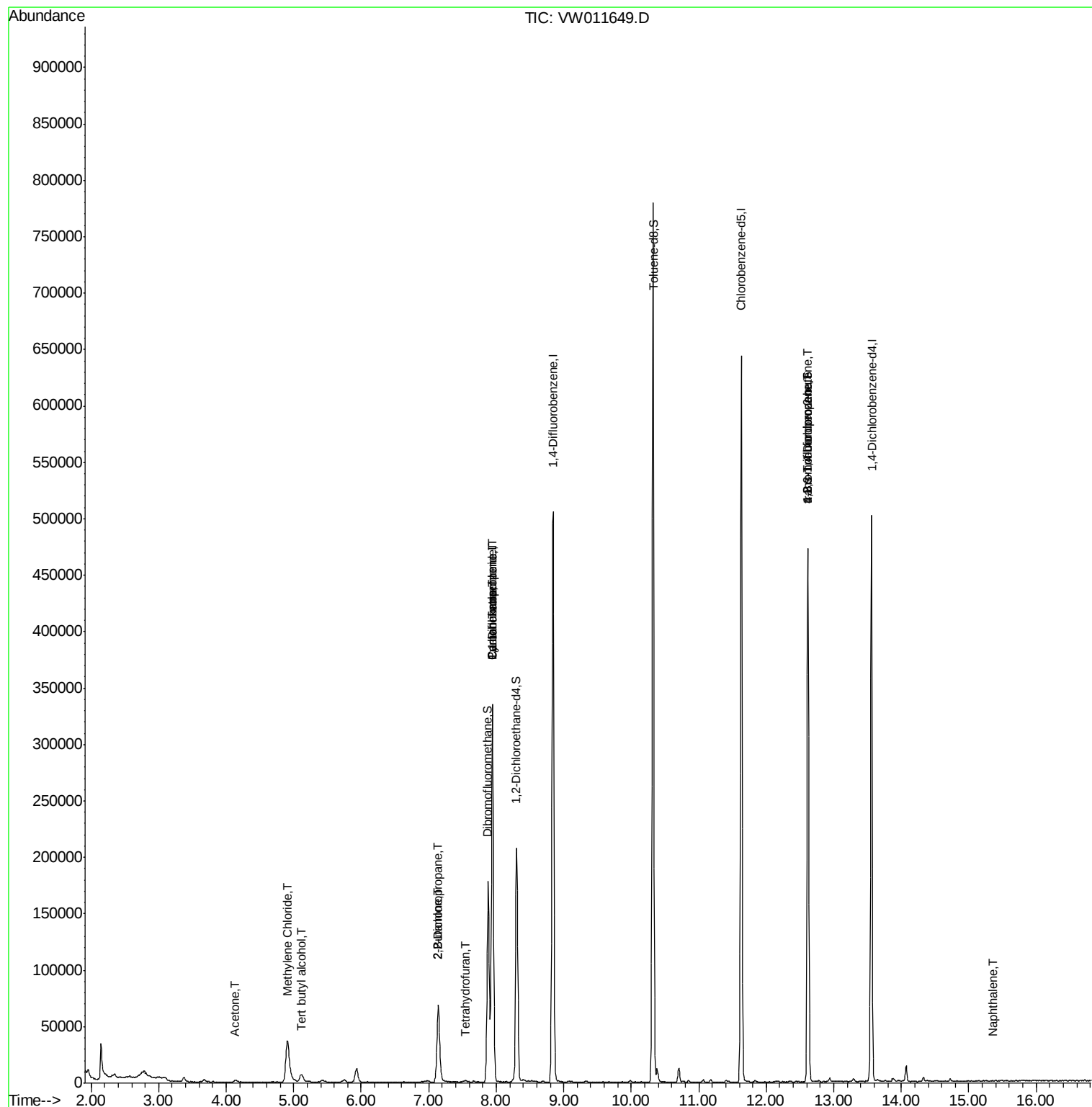
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	6445	15.025	ug/l #	74
16) Acetone	4.13	43	3353	3.836	ug/l #	86
20) Methylene Chloride	4.90	84	28275	9.380	ug/l	93
25) 2-Butanone	7.15	43	4555	3.983	ug/l #	80
26) 2,2-Dichloropropane	7.13	77	4341	1.319	ug/l #	54
29) Tetrahydrofuran	7.54	42	1350	2.065	ug/l #	85
31) Cyclohexane	7.95	56	5830	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21354	5.102	ug/l #	53
38) Carbon Tetrachloride	7.95	117	23744	6.626	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	81300	61.175	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81300	140.988	ug/l #	6
95) Naphthalene	15.36	128	182	2.101	ug/l #	69

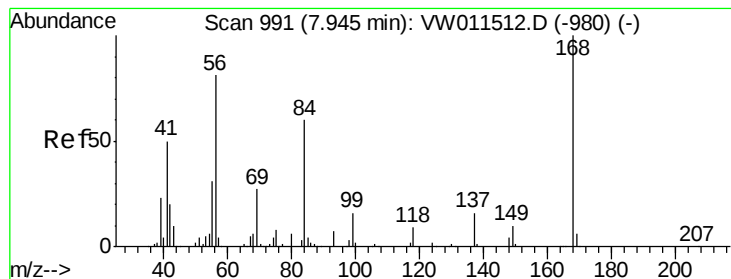
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
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1S-E4-(0-1)

Quant Time: Aug 04 00:09:41 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: VW011649.D

Acq: 03 Aug 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

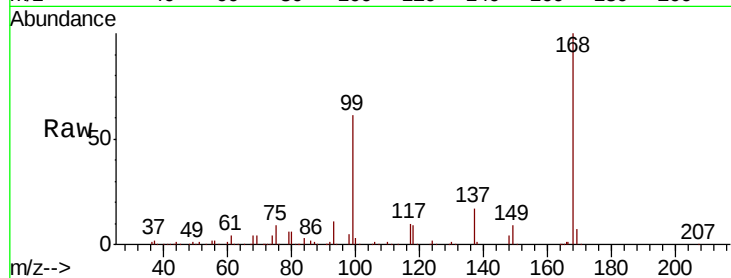
1S-E4(0-1)

Tgt Ion:168 Resp: 239278

Ion Ratio Lower Upper

168 100

99 60.6 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

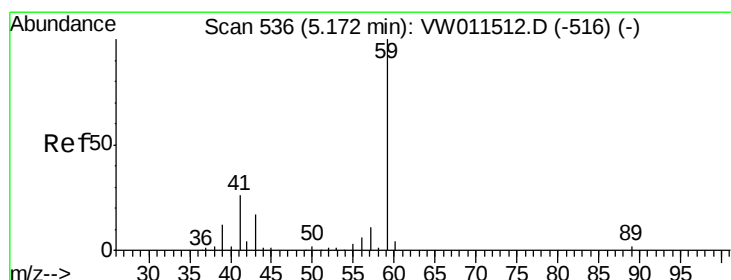
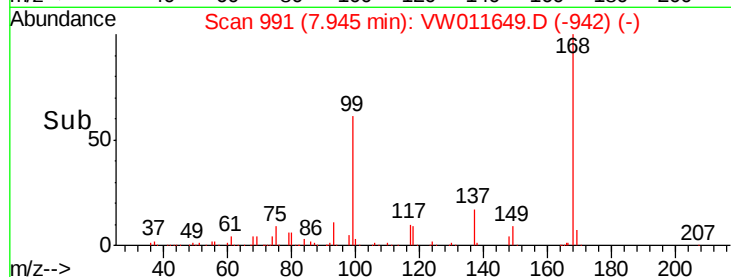
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 15.025 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW011649.D

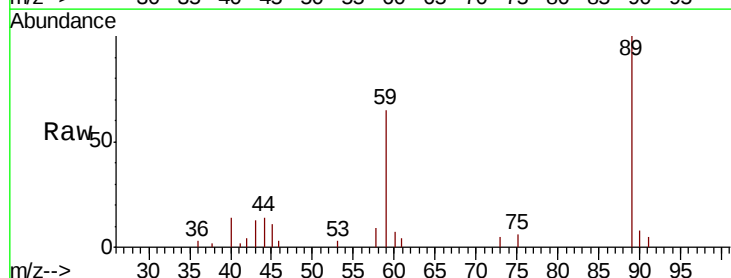
Acq: 03 Aug 2019 05:09

Tgt Ion: 59 Resp: 6445

Ion Ratio Lower Upper

59 100

57 0.7 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

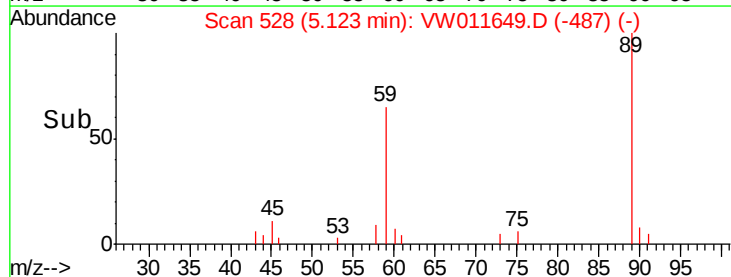
1500

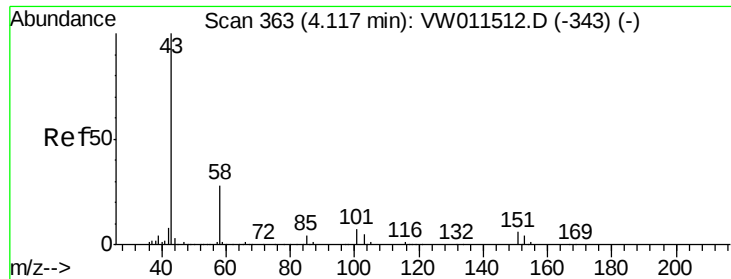
1000

500

0

Time--> 5.00 5.10 5.20

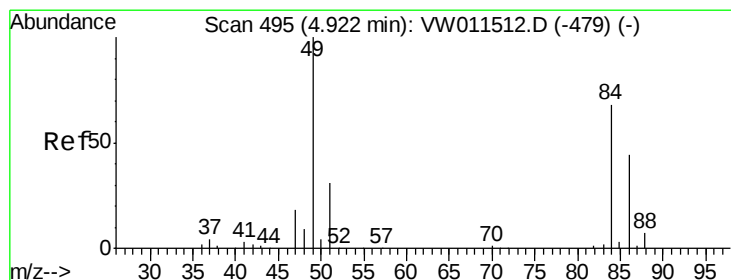
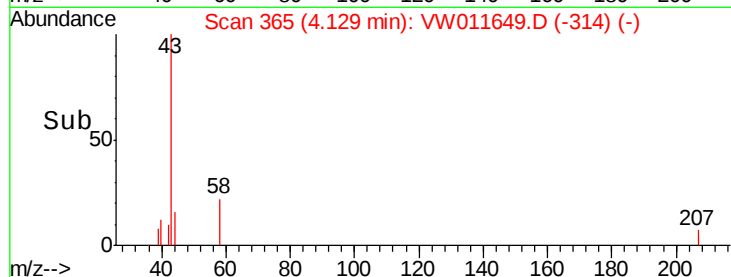
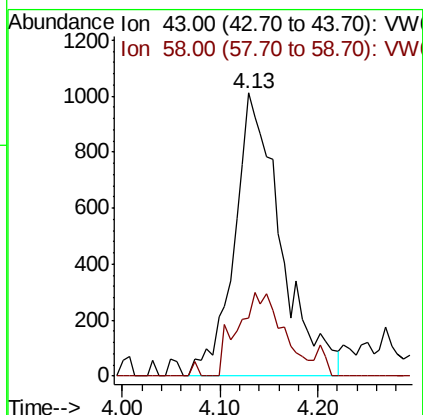
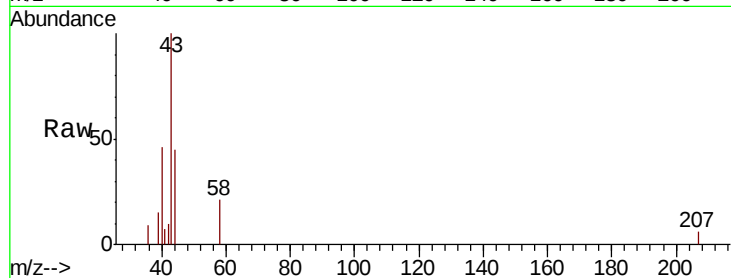




#16
Acetone
Concen: 3.836 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

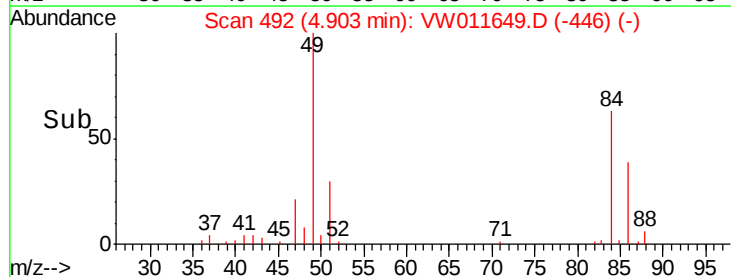
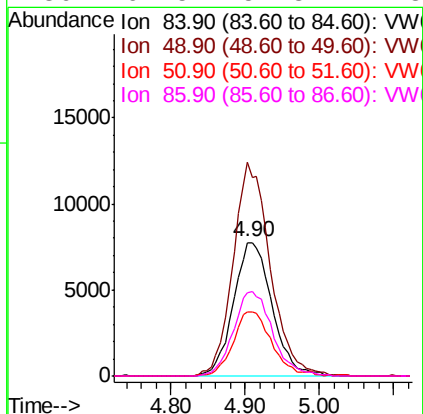
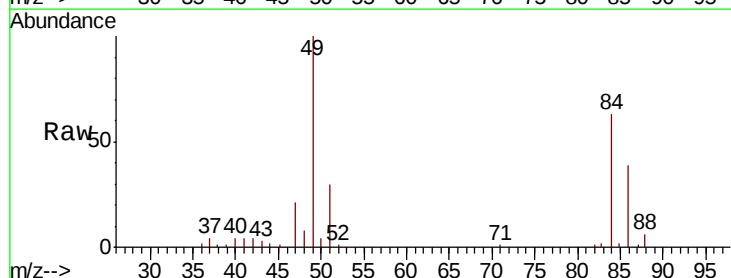
Instrument :
MSVOA_W
ClientSampleId :
1S-E4-(0-1)

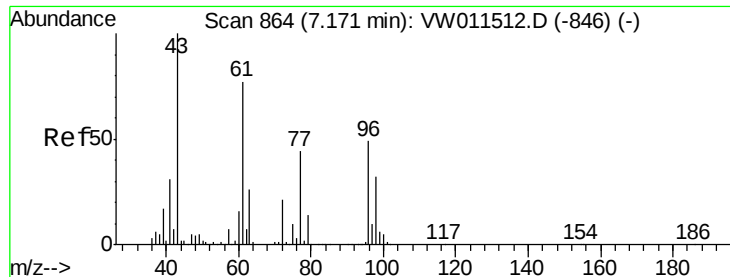
Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
58 20.7 22.3 33.5#



#20
Methylene Chloride
Concen: 9.380 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

Tgt Ion: 84 Resp: 28275
Ion Ratio Lower Upper
84 100
49 159.8 117.8 176.6
51 47.6 37.0 55.4
86 62.5 51.8 77.8

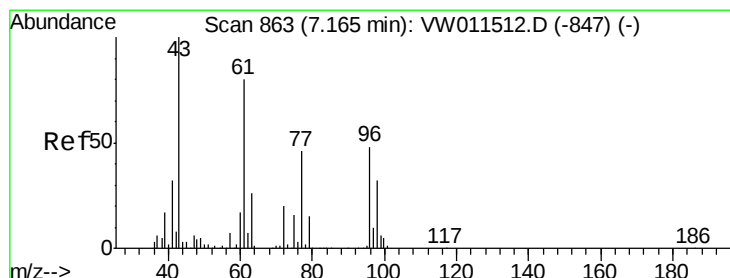
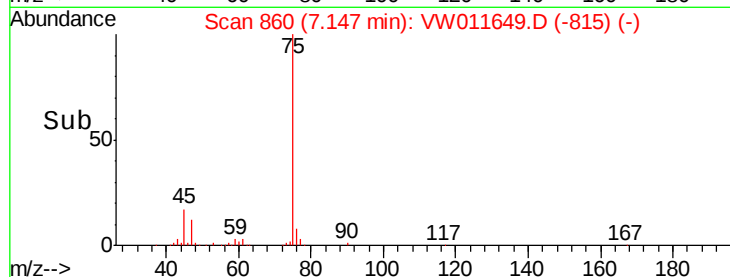
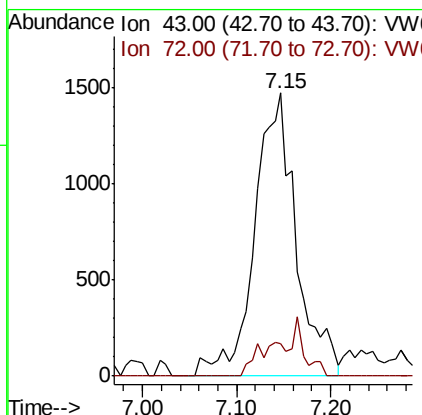
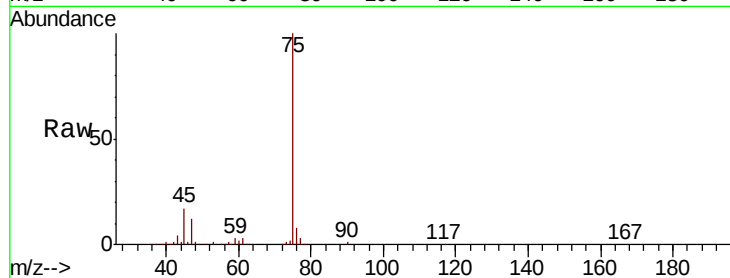




#25
 2-Butanone
 Concen: 3.983 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

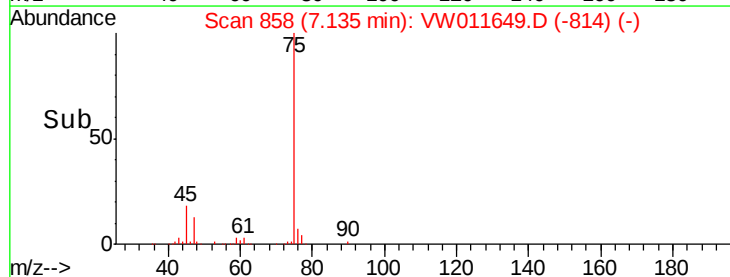
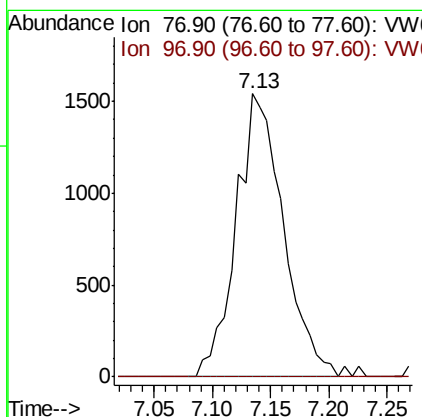
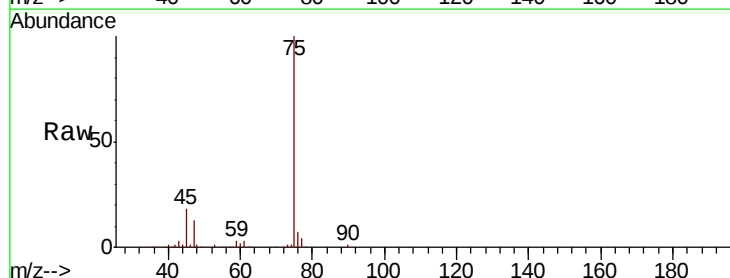
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E4-(0-1)

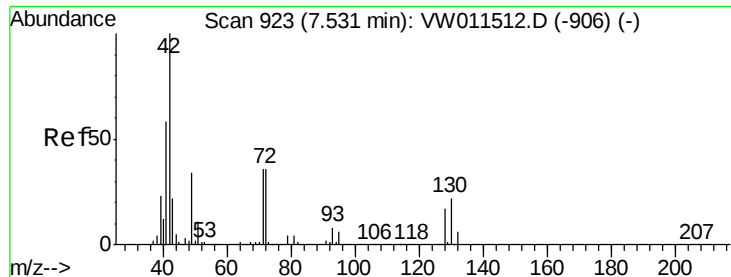
Tgt Ion: 43 Resp: 4555
 Ion Ratio Lower Upper
 43 100
 72 11.6 16.6 24.8#



#26
 2,2-Dichloropropane
 Concen: 1.319 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

Tgt Ion: 77 Resp: 4341
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.8 32.4#

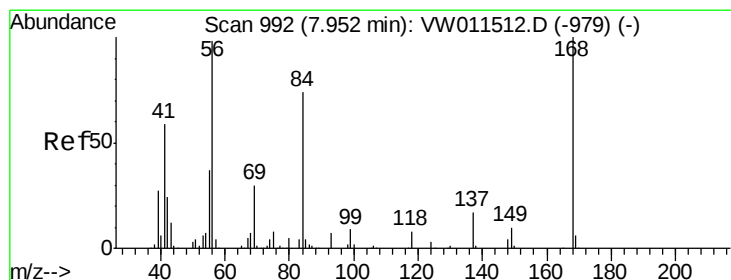
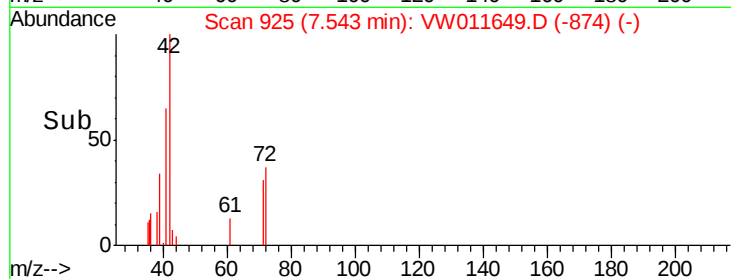
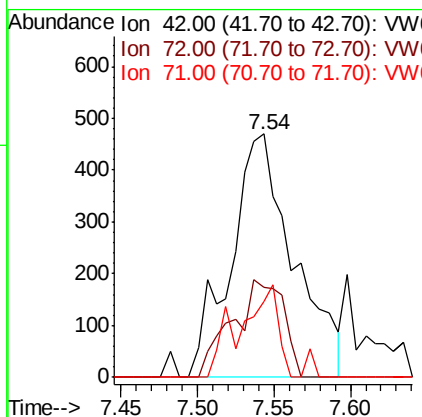
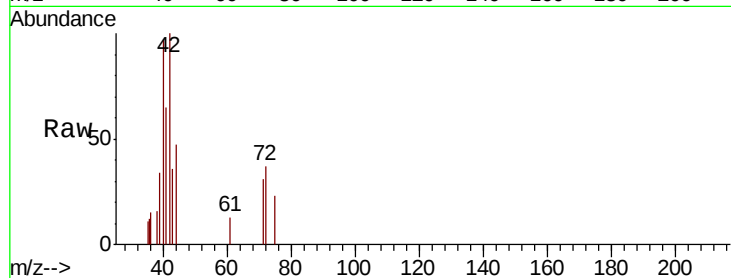




#29
Tetrahydrofuran
Concen: 2.065 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

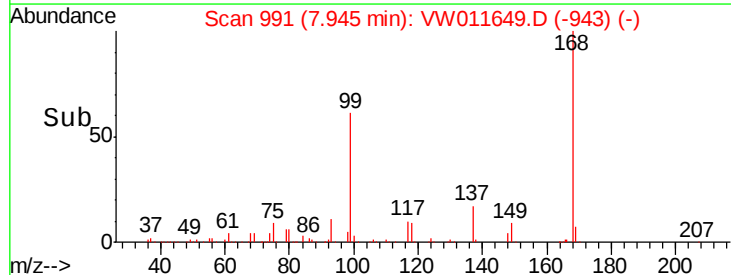
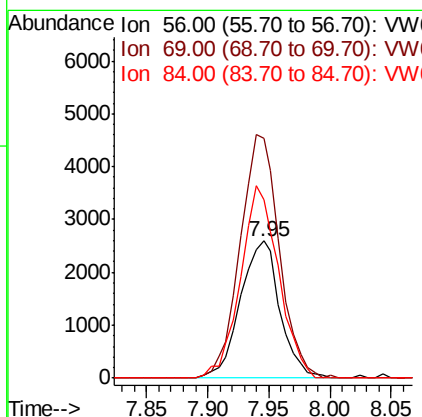
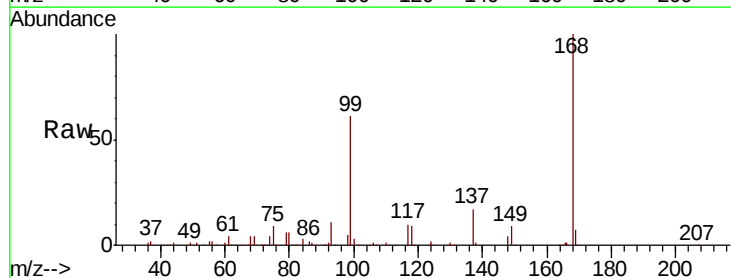
Instrument :
MSVOA_W
ClientSampled :
1S-E4-(0-1)

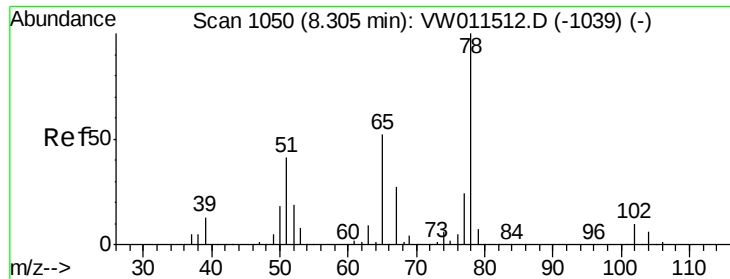
Tgt Ion: 42 Resp: 1350
Ion Ratio Lower Upper
42 100
72 32.4 27.1 40.7
71 16.6 26.2 39.4#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

Tgt Ion: 56 Resp: 5830
Ion Ratio Lower Upper
56 100
69 175.1 24.3 36.5#
84 129.8 60.4 90.6#

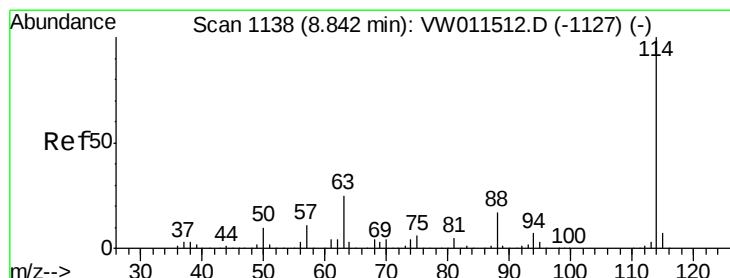
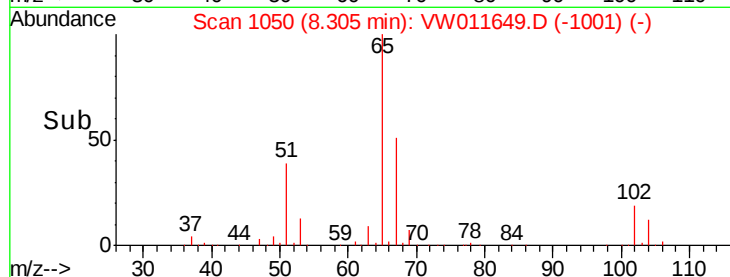
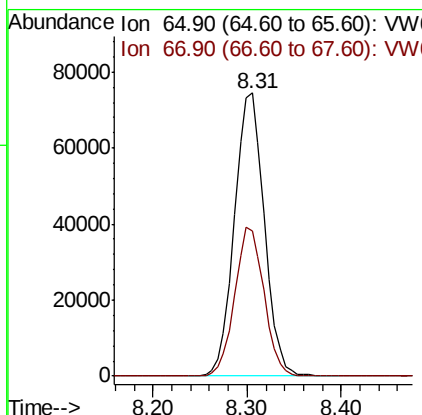
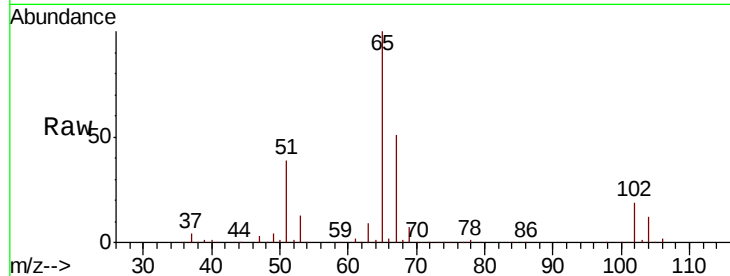




#33
 1,2-Dichloroethane-d4
 Concen: 59.869 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

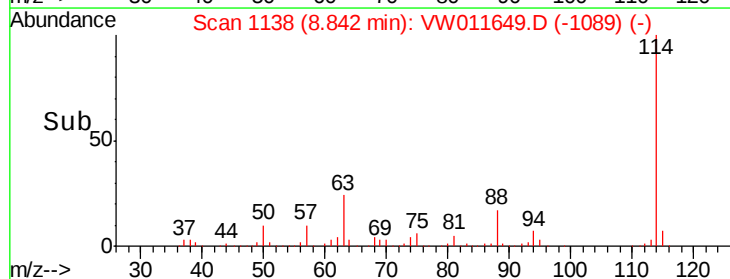
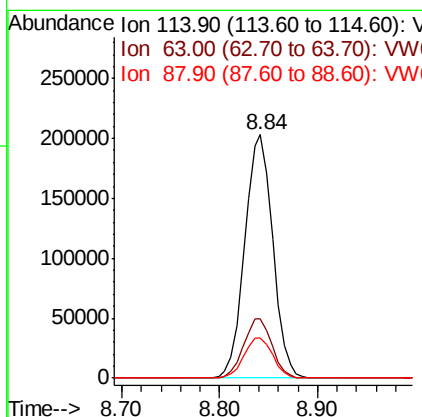
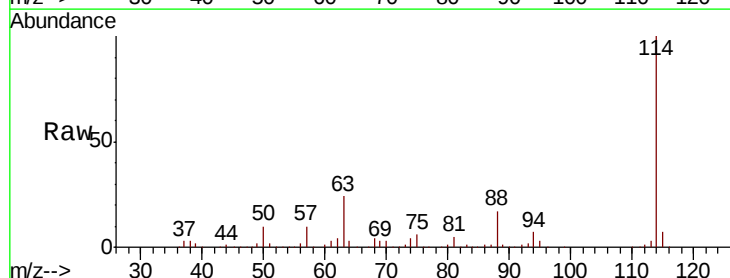
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E4-(0-1)

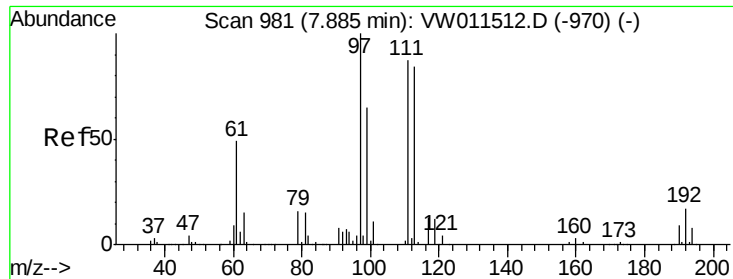
Tgt Ion: 65 Resp: 164494
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

Tgt Ion: 114 Resp: 402540
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.7 0.0 33.8

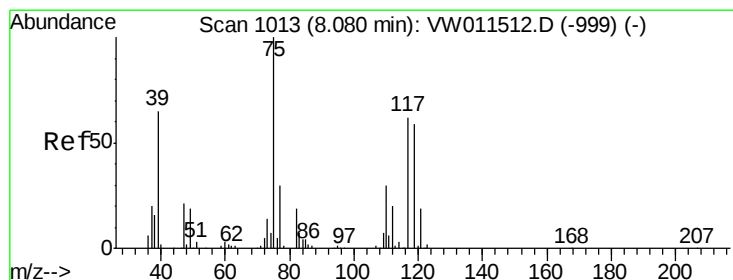
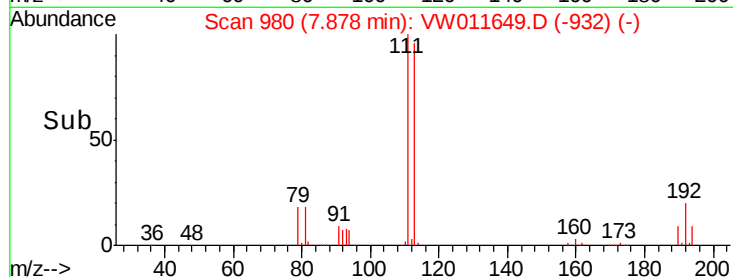
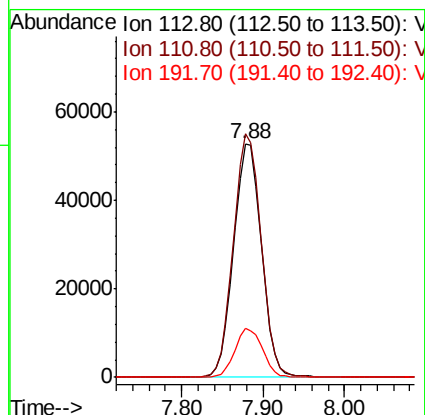
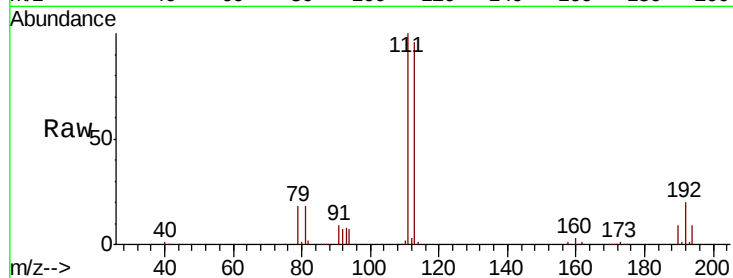




#35
 Dibromofluoromethane
 Concen: 55.202 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

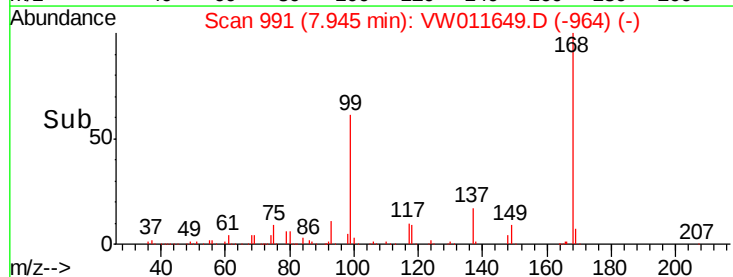
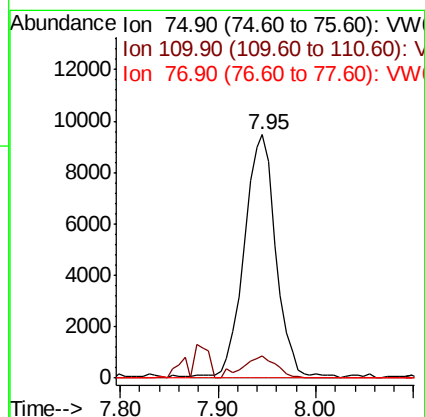
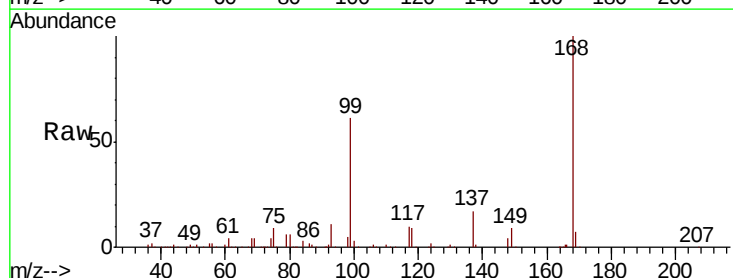
Instrument :
 MSVOA_W
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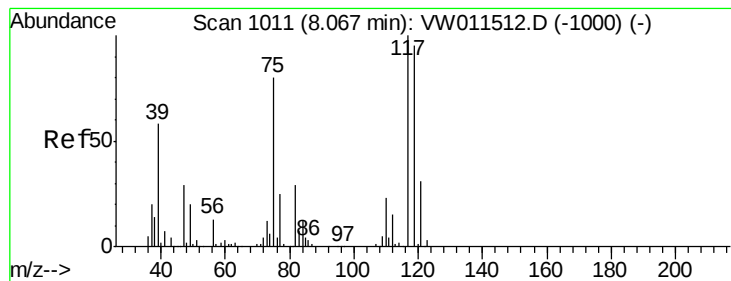
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	20.5	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.102 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	15.6	46.8#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 6.626 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011649.D

Acq: 03 Aug 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

1S-E4(0-1)

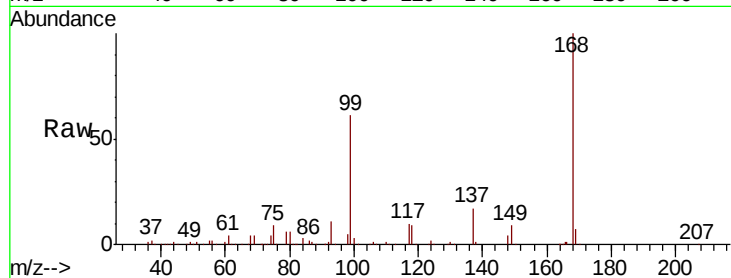
Tgt Ion:117 Resp: 23744

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

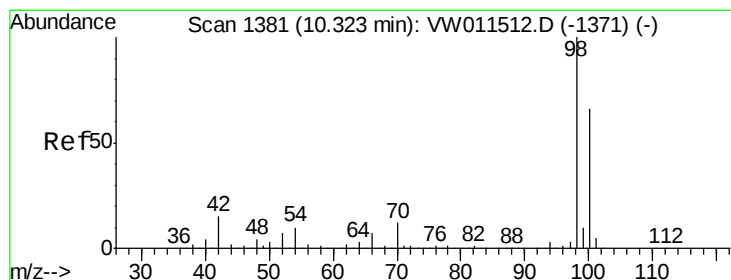
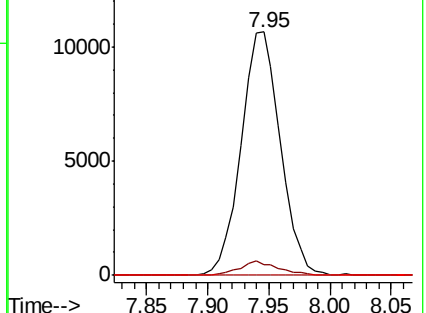
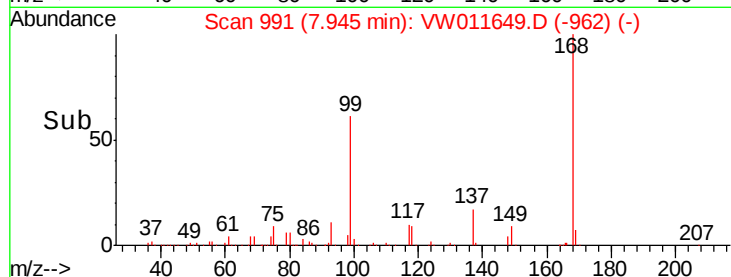
121 0.0 24.7 37.1#



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: 53.132 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011649.D

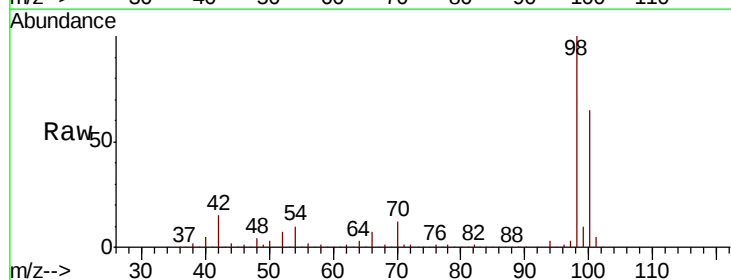
Acq: 03 Aug 2019 05:09

Tgt Ion: 98 Resp: 491272

Ion Ratio Lower Upper

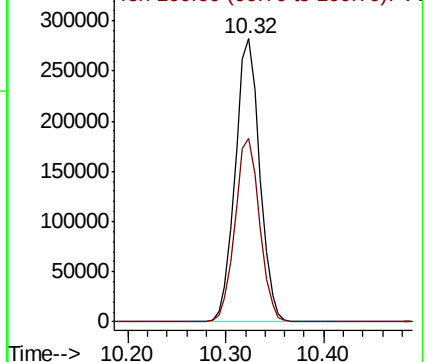
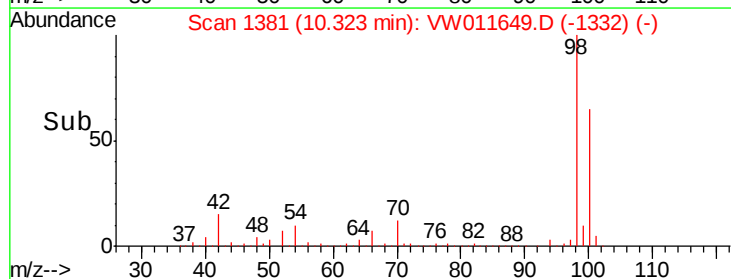
98 100

100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

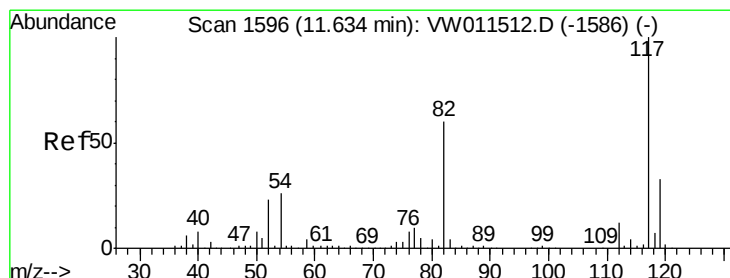
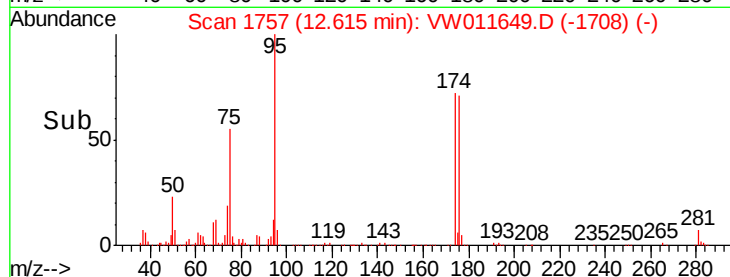
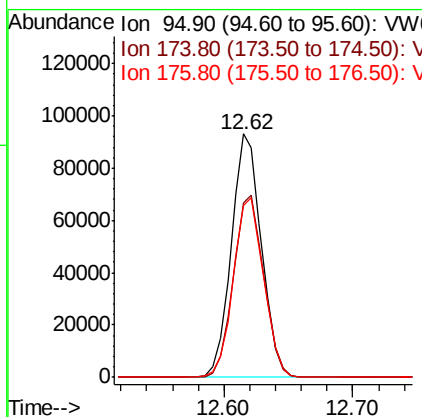
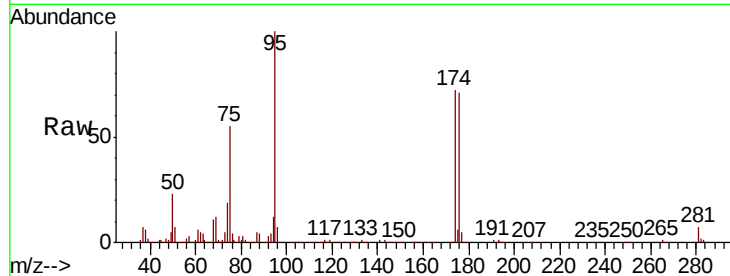




#62
4-Bromofluorobenzene
Concen: 45.744 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

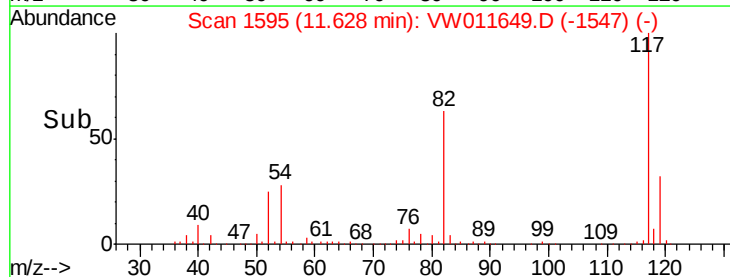
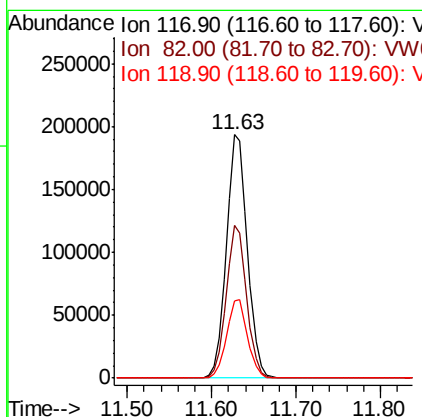
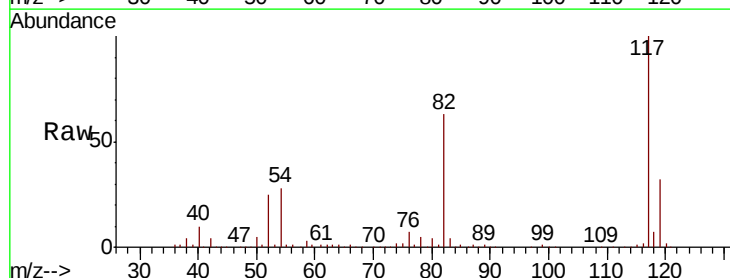
Instrument :
MSVOA_W
ClientSampleId :
1S-E4(0-1)

Tgt Ion: 95 Resp: 150792
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 74.7 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

Tgt Ion: 117 Resp: 327223
Ion Ratio Lower Upper
117 100
82 62.9 47.9 71.9
119 31.9 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: VW011649.D

Acq: 03 Aug 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

1S-E4-(0-1)

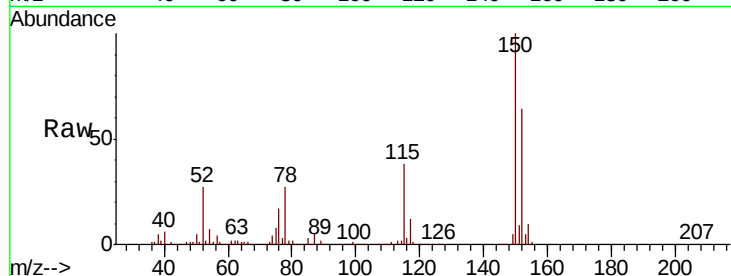
Tgt Ion: 152 Resp: 125598

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

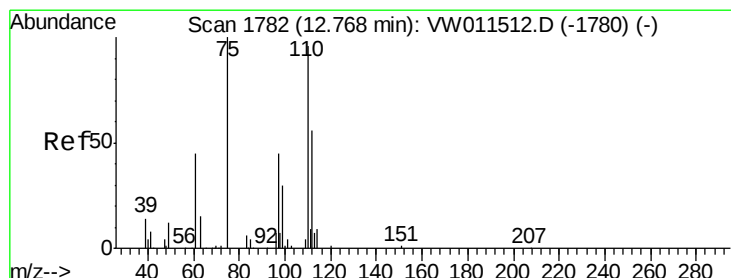
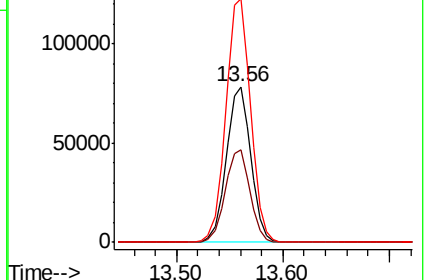
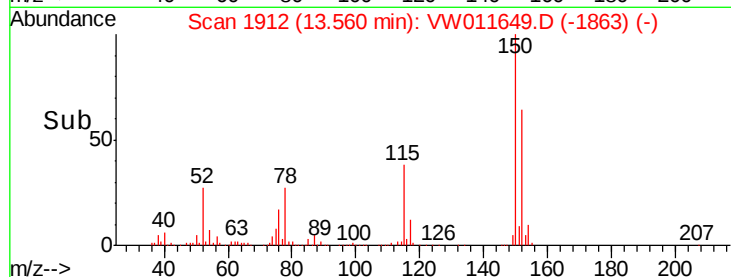
150 158.3 0.0 352.6



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: 61.175 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011649.D

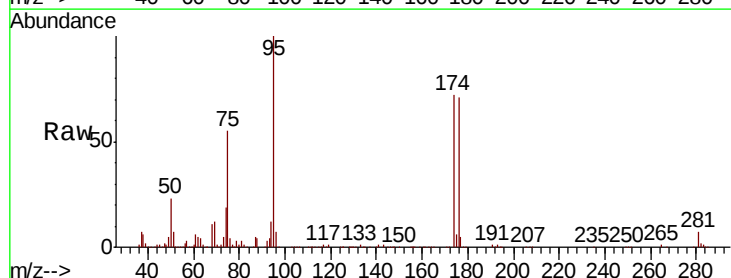
Acq: 03 Aug 2019 05:09

Tgt Ion: 75 Resp: 81300

Ion Ratio Lower Upper

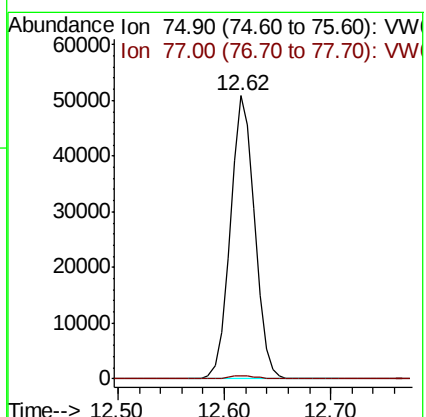
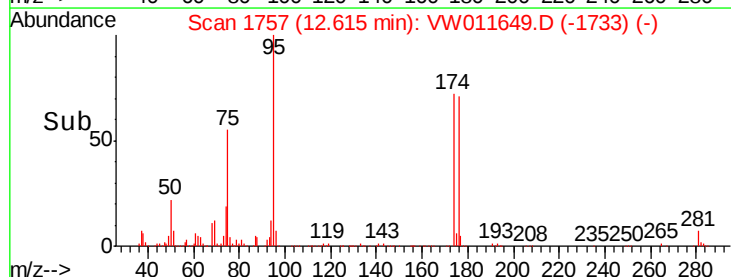
75 100

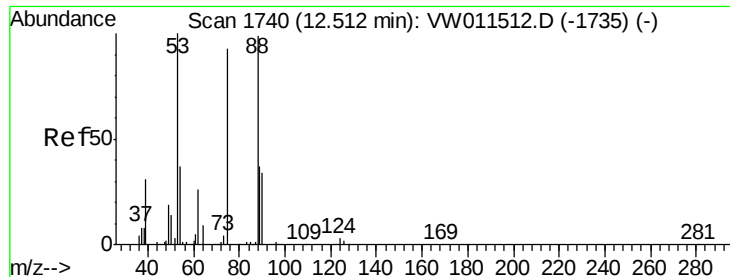
77 1.3 0.0 0.0#



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: 140.988 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011649.D

Acq: 03 Aug 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

1S-E4(0-1)

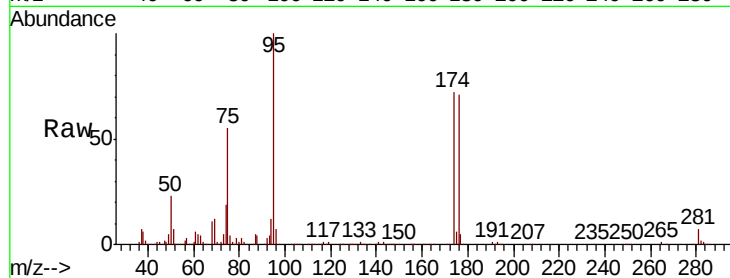
Tgt Ion: 75 Resp: 81300

Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

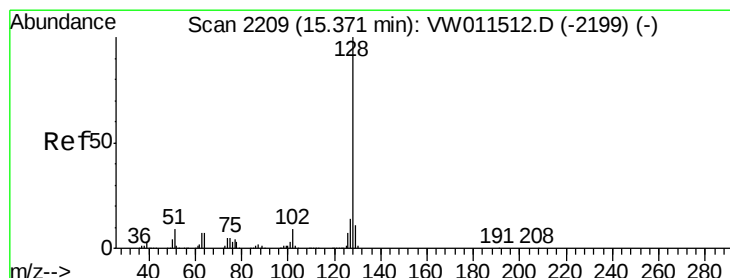
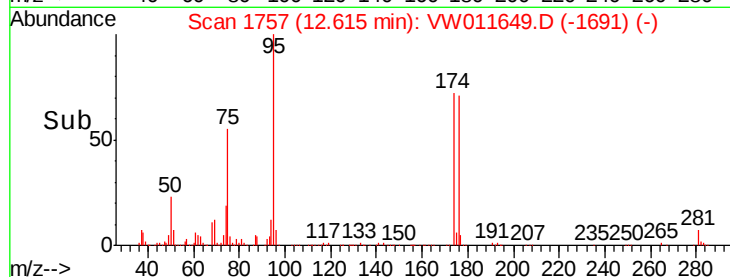
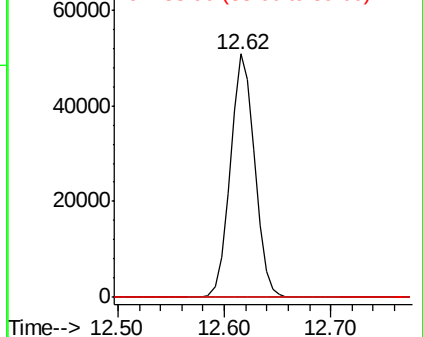
89 0.1 35.3 52.9#



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: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW011649.D

Acq: 03 Aug 2019 05:09

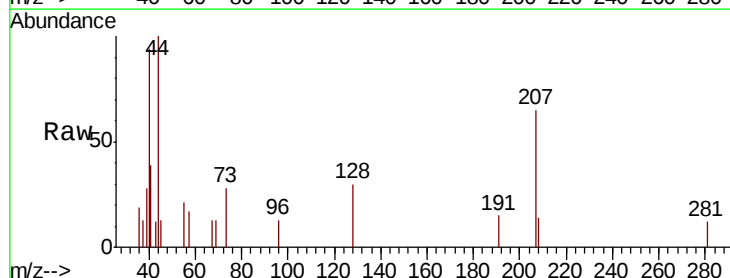
Tgt Ion: 128 Resp: 182

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

