

Data File : VW012369.D
Acq On : 31 Aug 2019 00:46
Operator : SY/VA
Sample : K4439-04
Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-1(5-7)

Quant Time: Aug 31 03:10:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113048	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	149691	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.88	113	117397	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.32	98	460951	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.62	95	139607	42.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.94%	

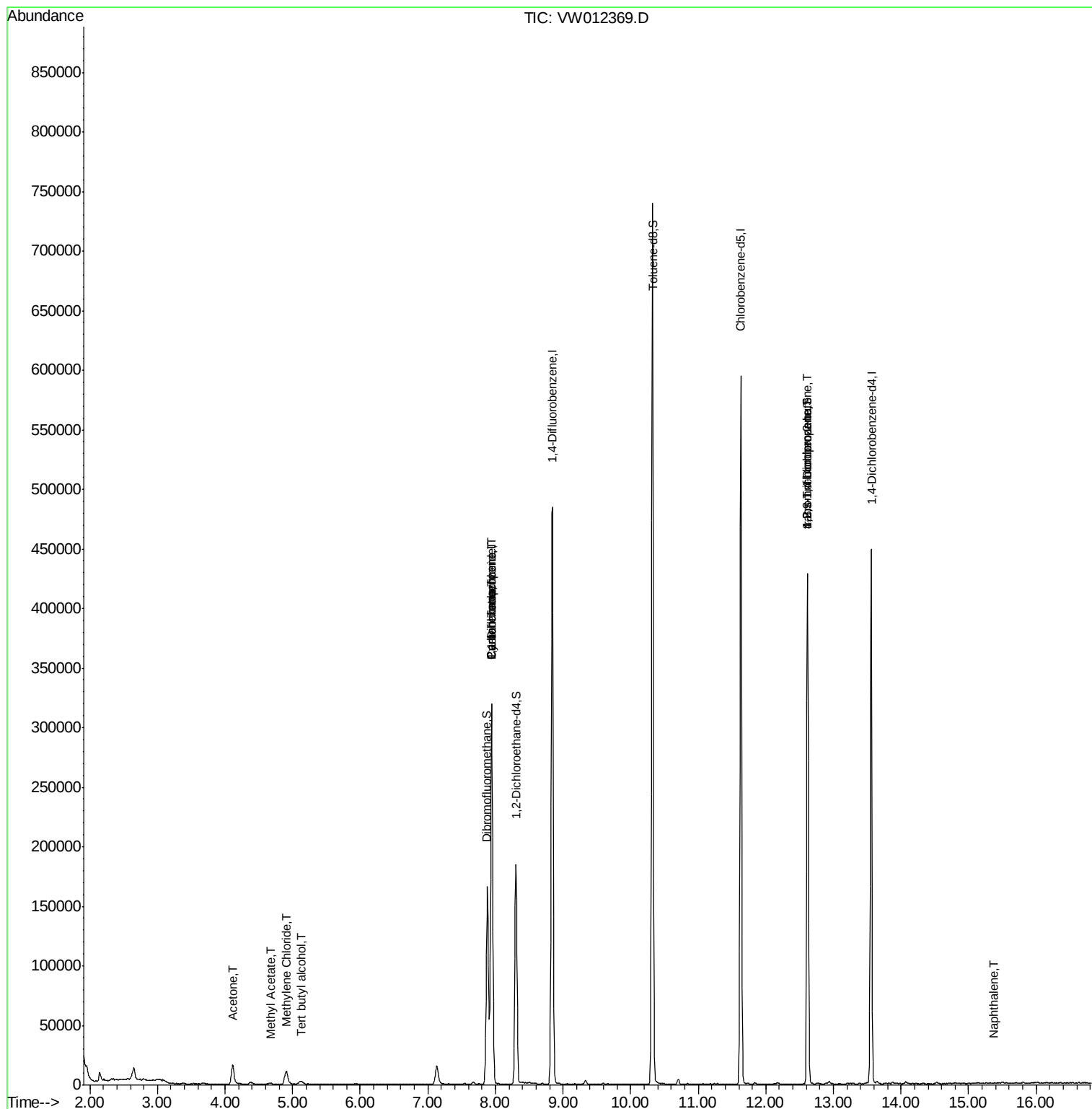
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.13	59	2174	13.207	ug/l #	77
16) Acetone	4.11	43	29237	41.814	ug/l	96
18) Methyl Acetate	4.68	43	2213	1.278	ug/l #	69
20) Methylene Chloride	4.91	84	7738	2.927	ug/l	94
31) Cyclohexane	7.94	56	6122	1.243	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19952	5.011	ug/l #	51
38) Carbon Tetrachloride	7.94	117	23903	6.936	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	75217	68.317	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75217	149.787	ug/l #	6
95) Naphthalene	15.36	128	413	4.410	ug/l #	69

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

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S-1(5-7)

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012369.D

Acq: 31 Aug 2019 00:46

Instrument :

MSVOA_W

ClientSampleId :

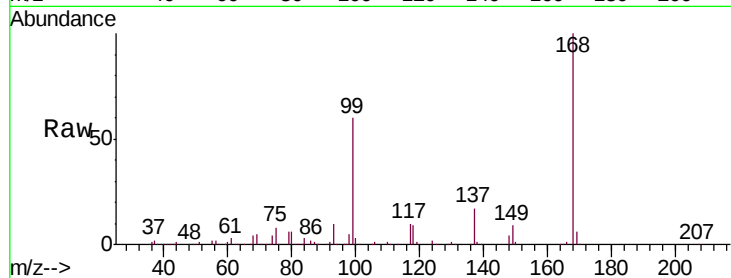
S-1(5-7)

Tgt Ion:168 Resp: 230105

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

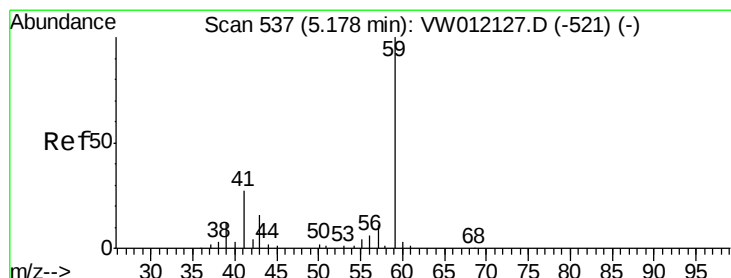
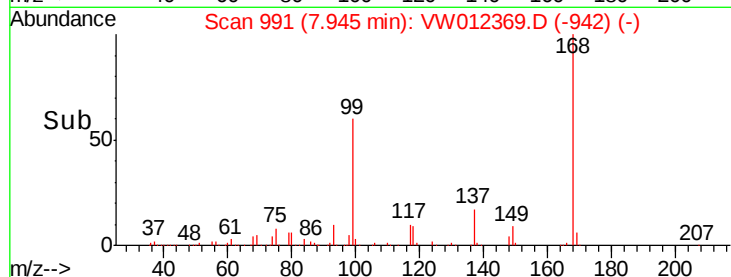
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 13.207 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.05 min

Lab File: VW012369.D

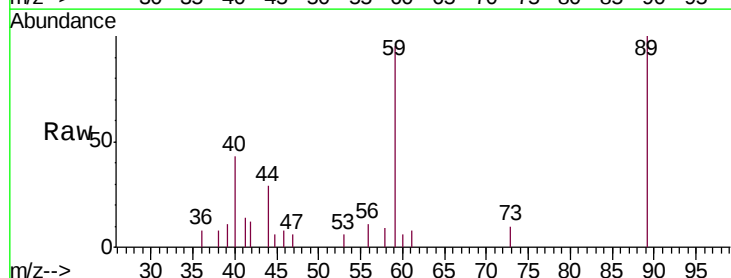
Acq: 31 Aug 2019 00:46

Tgt Ion: 59 Resp: 2174

Ion Ratio Lower Upper

59 100

57 2.3 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

1000

800

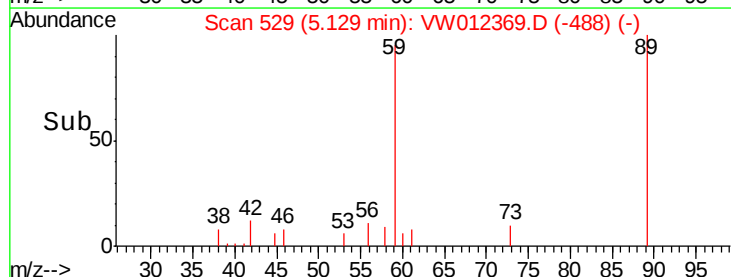
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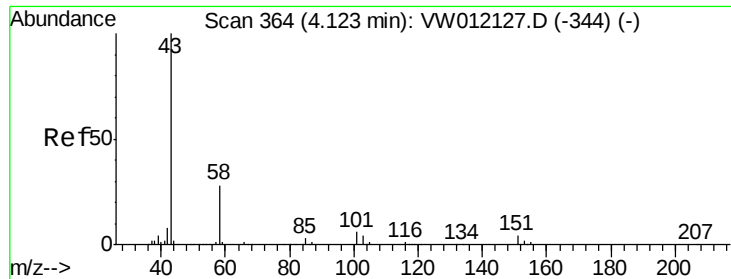
400

200

0

Time-->





#16

Acetone

Concen: 41.814 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW012369.D

Acq: 31 Aug 2019 00:46

Instrument :

MSVOA_W

ClientSampleId :

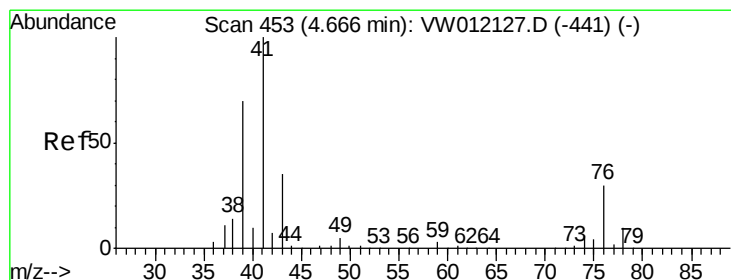
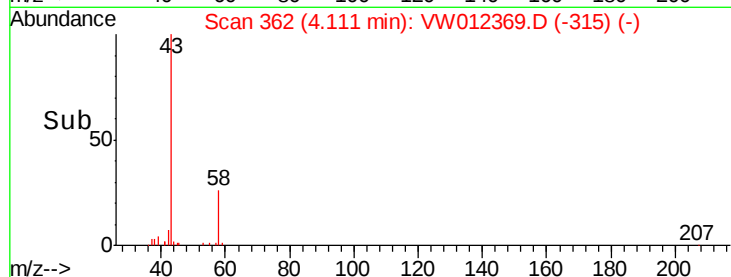
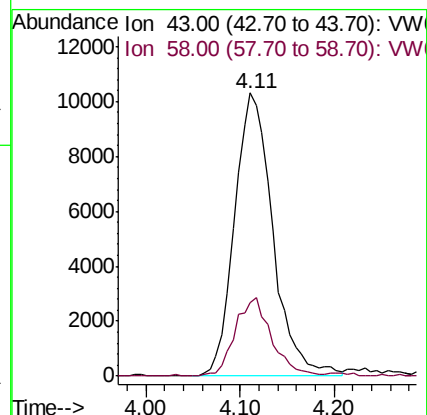
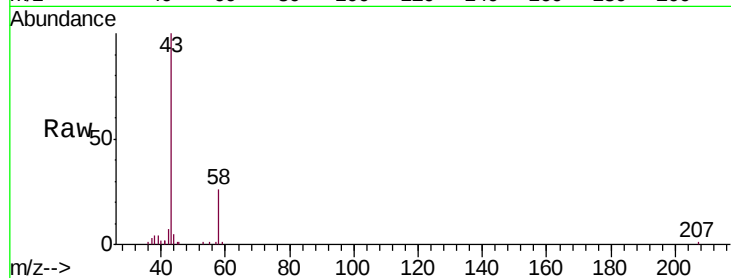
S-1-(5-7)

Tgt Ion: 43 Resp: 29237

Ion Ratio Lower Upper

43 100

58 26.2 22.4 33.6



#18

Methyl Acetate

Concen: 1.278 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW012369.D

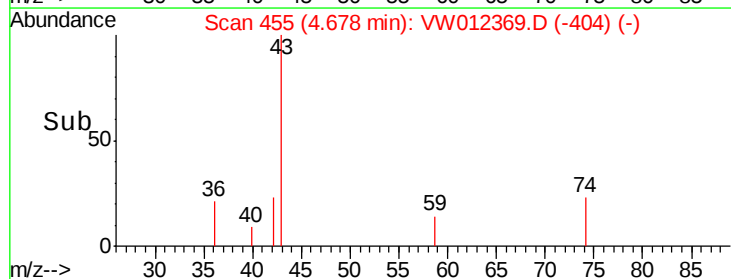
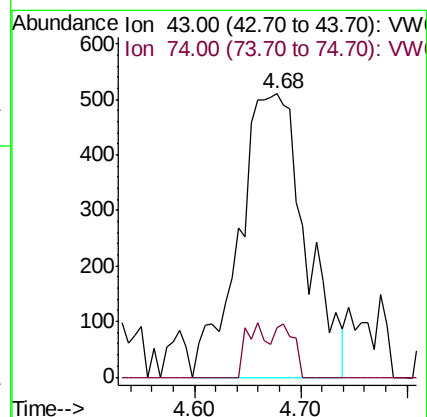
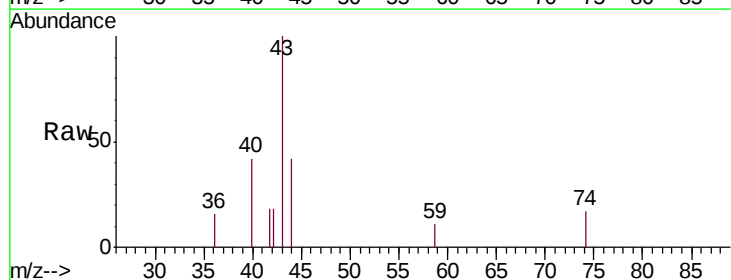
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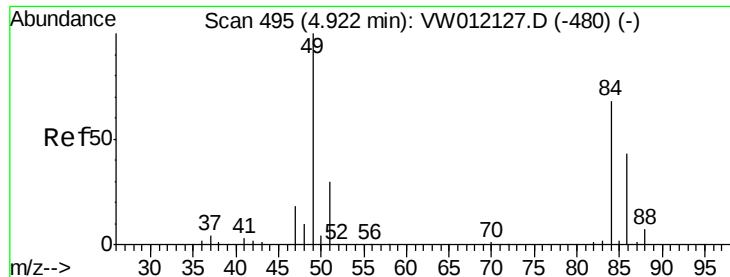
Tgt Ion: 43 Resp: 2213

Ion Ratio Lower Upper

43 100

74 5.4 15.7 23.5#

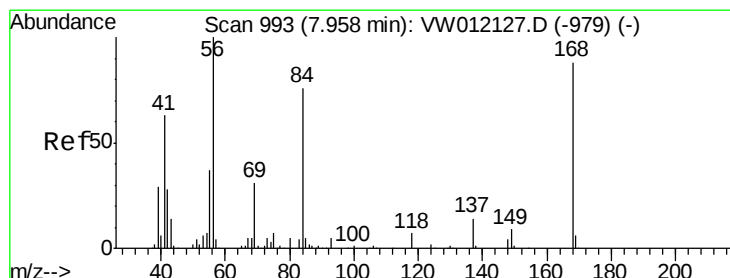
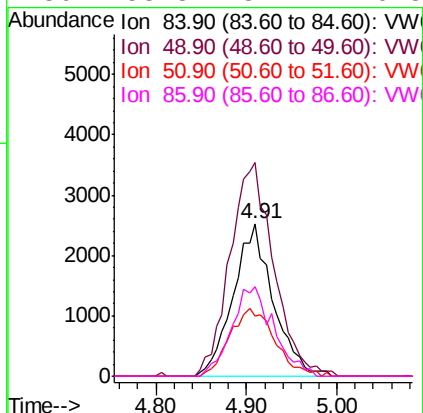
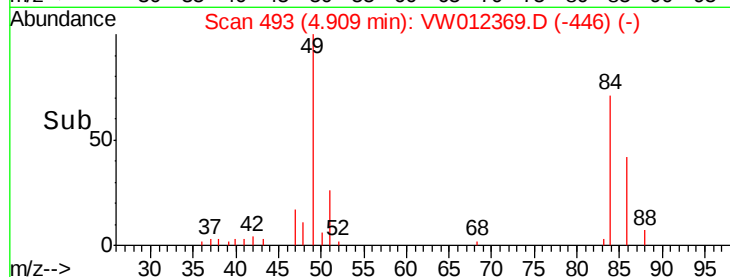
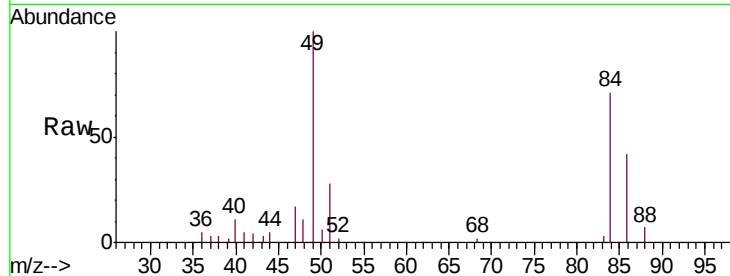




#20
Methylene Chloride
Concen: 2.927 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

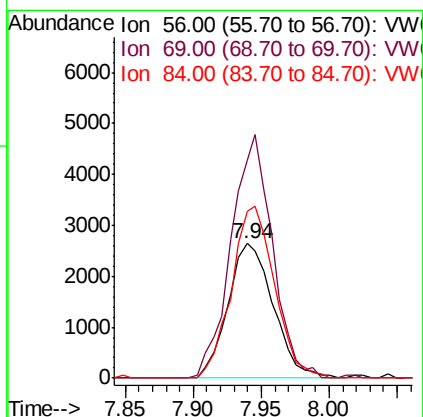
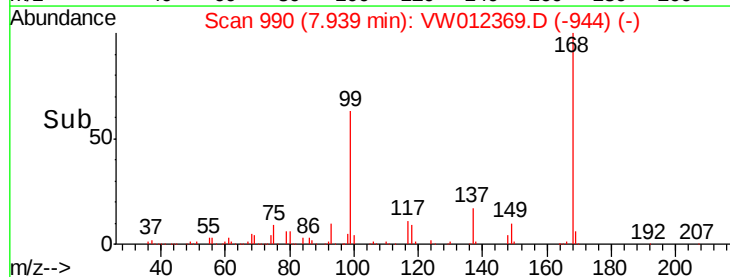
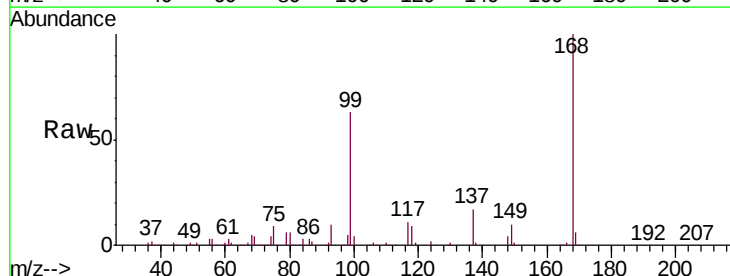
Instrument :
MSVOA_W
ClientSampled :
S-1(5-7)

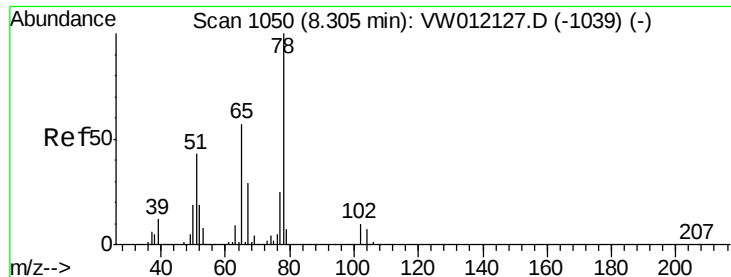
Tgt Ion: 84 Resp: 7738
Ion Ratio Lower Upper
84 100
49 140.0 117.8 176.8
51 39.1 35.6 53.4
86 58.8 51.2 76.8



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

Tgt Ion: 56 Resp: 6122
Ion Ratio Lower Upper
56 100
69 162.0 24.9 37.3#
84 123.7 60.6 90.8#

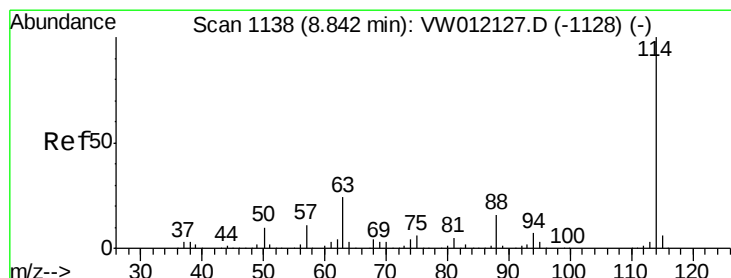
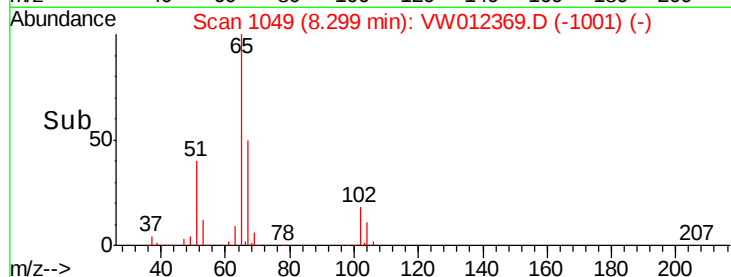
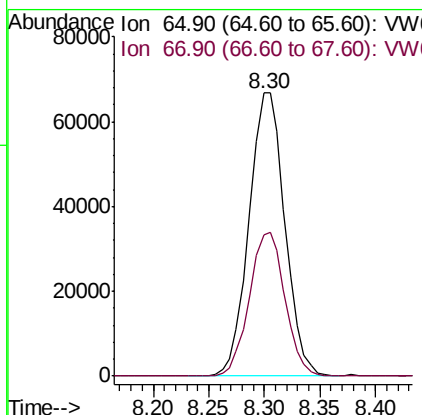
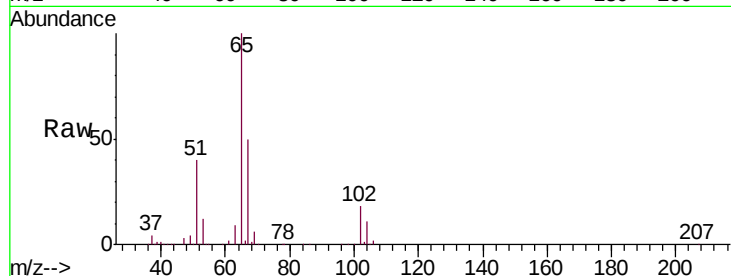




#33
 1,2-Dichloroethane-d4
 Concen: 54.724 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012369.D
 Acq: 31 Aug 2019 00:46

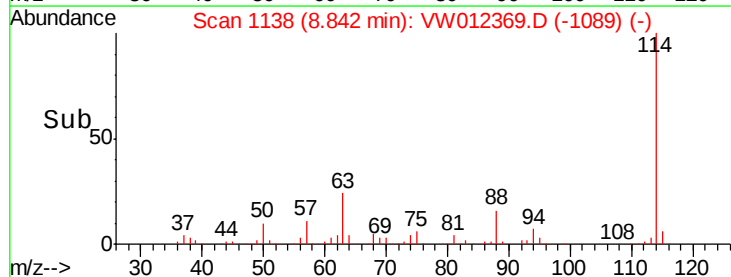
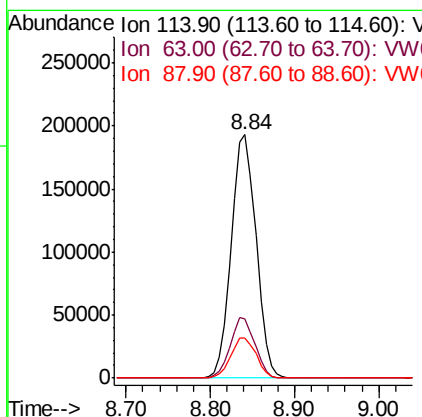
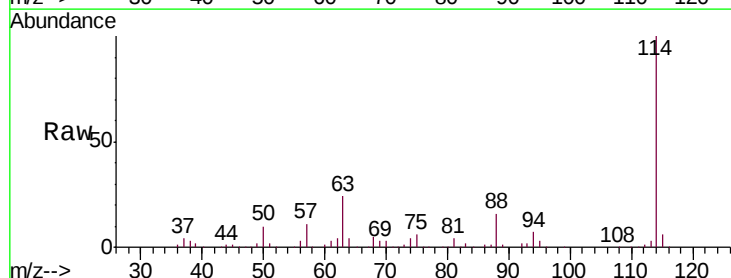
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1-(5-7)

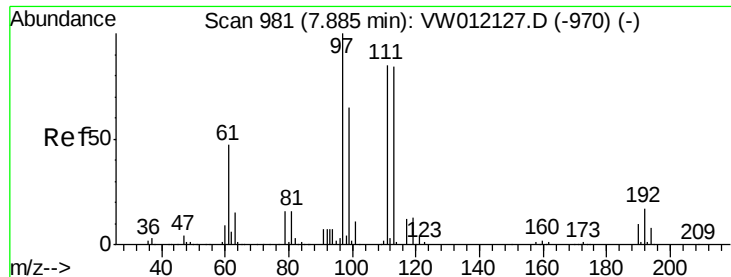
Tgt Ion: 65 Resp: 149691
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012369.D
 Acq: 31 Aug 2019 00:46

Tgt Ion: 114 Resp: 385294
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.5 0.0 32.2

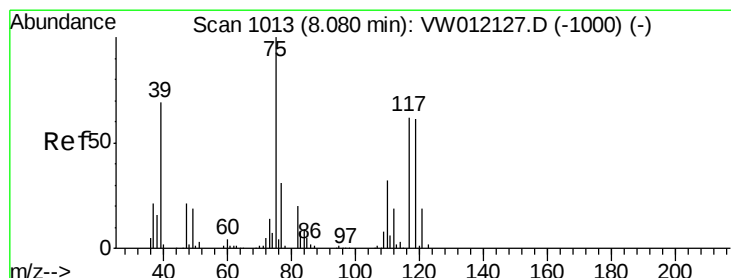
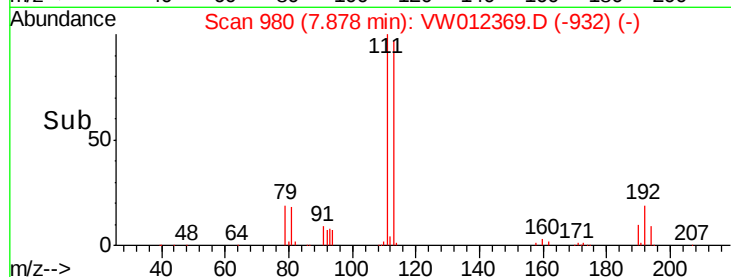
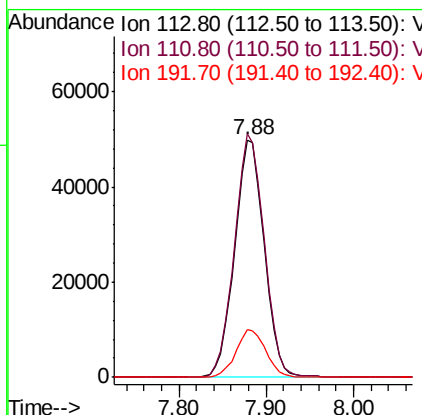
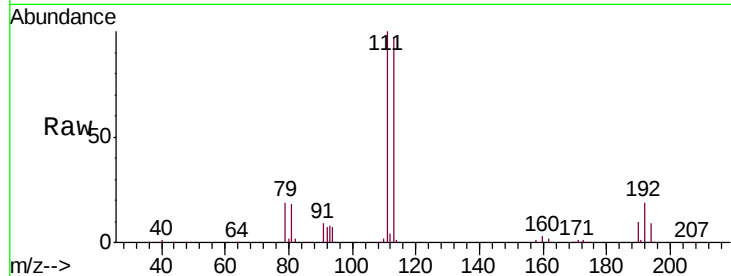




#35
 Dibromofluoromethane
 Concen: 51.046 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012369.D
 Acq: 31 Aug 2019 00:46

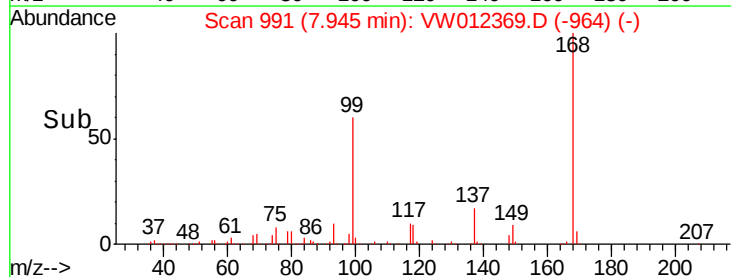
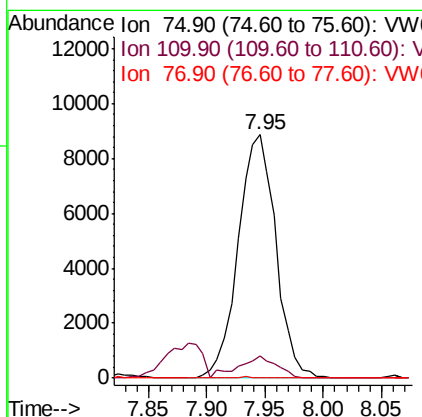
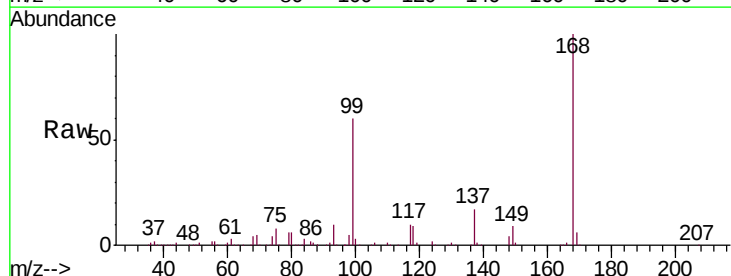
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1(5-7)

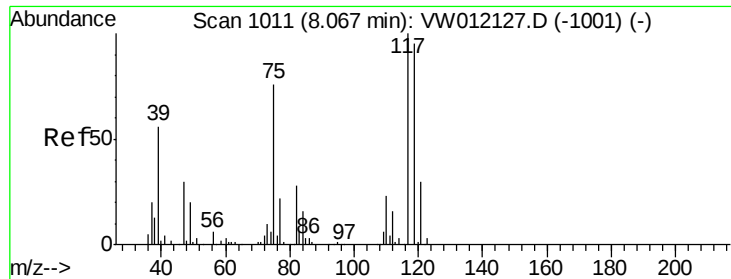
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.1	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.011 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012369.D
 Acq: 31 Aug 2019 00:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.6	46.8#
77	0.1	24.6	36.8#

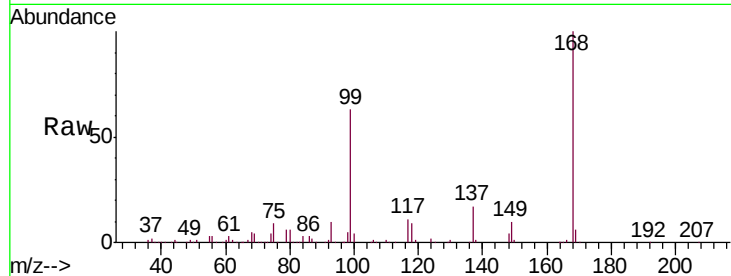




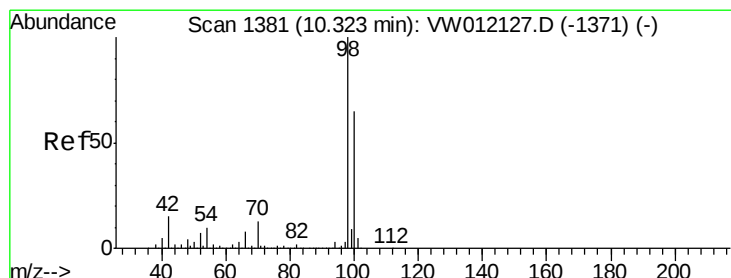
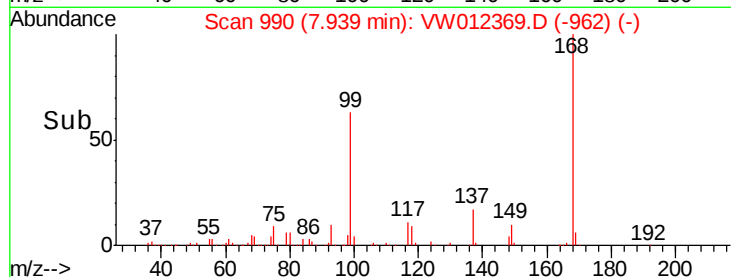
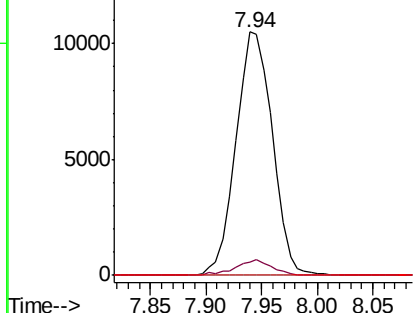
#38
Carbon Tetrachloride
Concen: 6.936 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

Instrument :
MSVOA_W
ClientSampleId :
S-1-(5-7)

Tgt Ion:117 Resp: 23903
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 23.8 35.8#

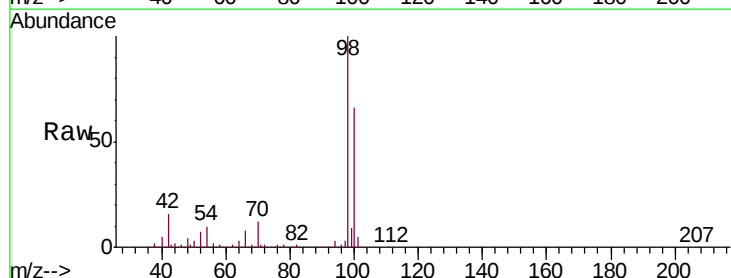


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

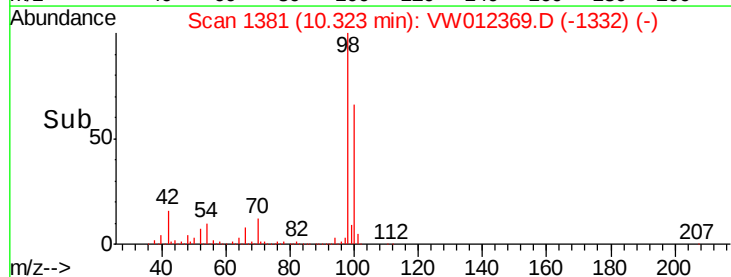
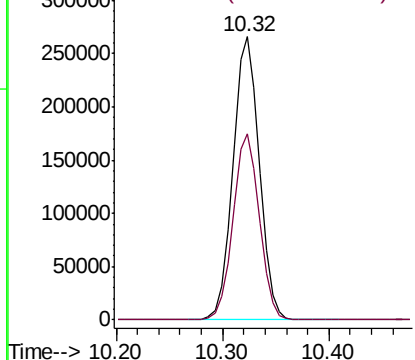


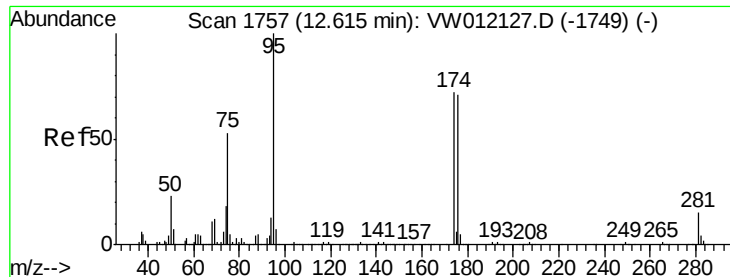
#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

Tgt Ion: 98 Resp: 460951
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): V

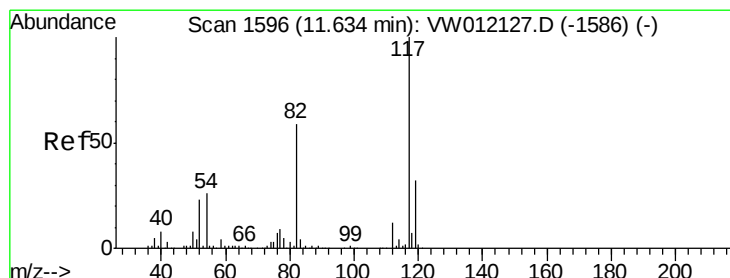
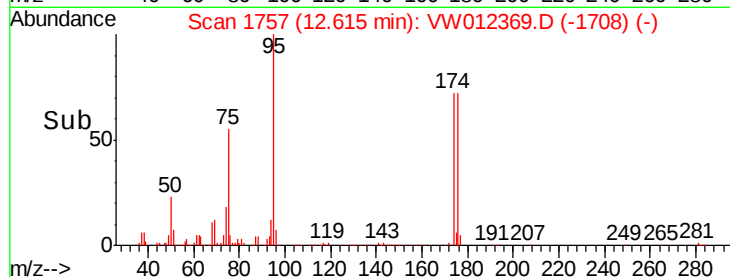
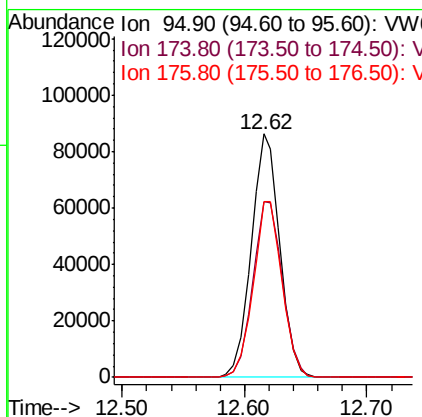
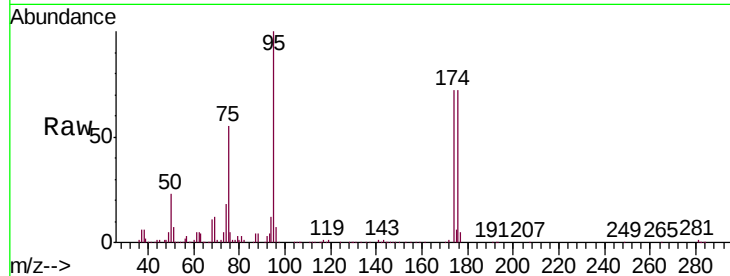




#62
4-Bromofluorobenzene
Concen: 42.471 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

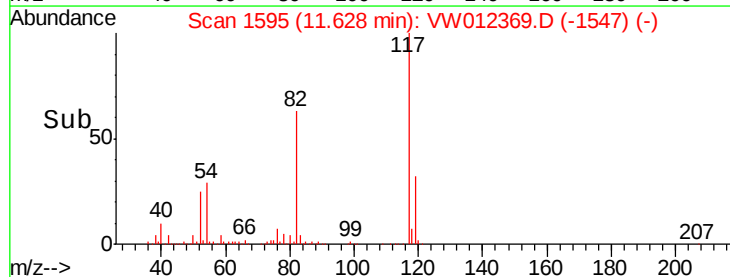
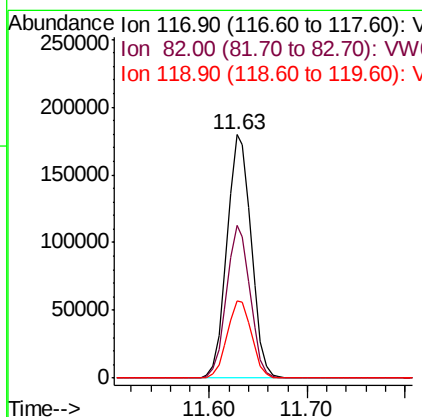
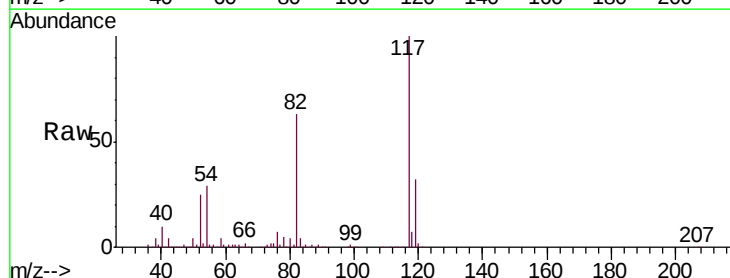
Instrument :
MSVOA_W
ClientSampleId :
S-1(5-7)

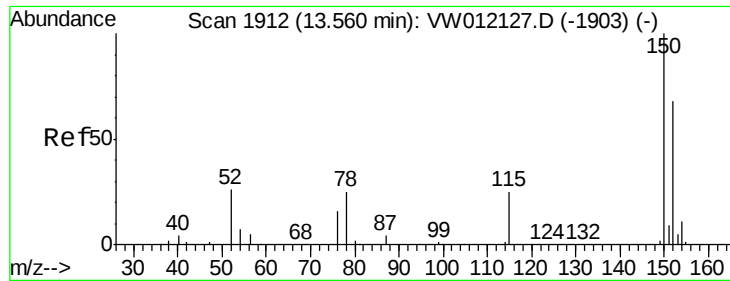
Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.8
176	73.0	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.5	47.4	71.2
119	31.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012369.D

Acq: 31 Aug 2019 00:46

Instrument :

MSVOA_W

ClientSampleId :

S-1-(5-7)

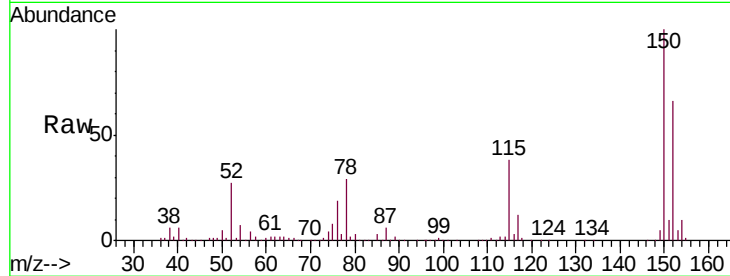
Tgt Ion:152 Resp: 113048

Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.3

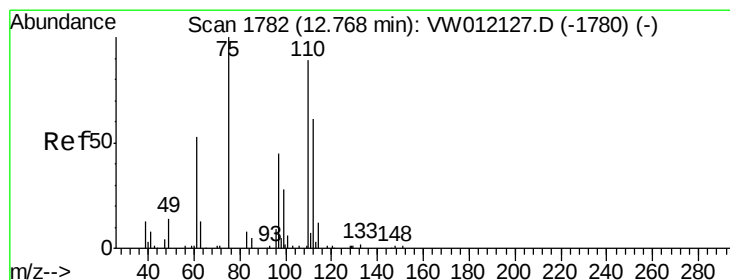
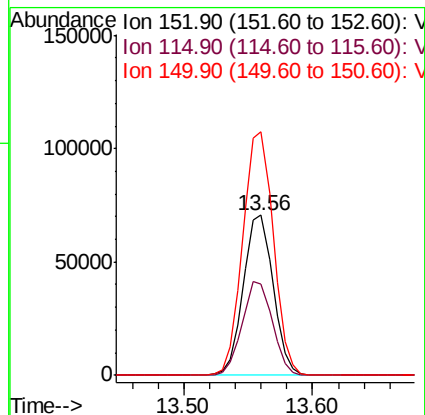
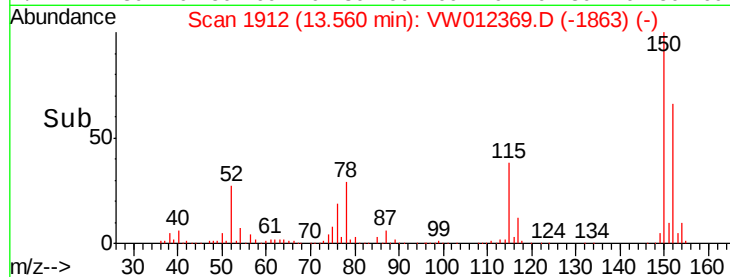
150 155.8 0.0 345.8



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: 68.317 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012369.D

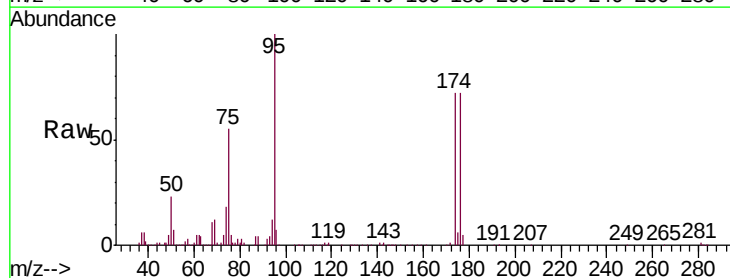
Acq: 31 Aug 2019 00:46

Tgt Ion: 75 Resp: 75217

Ion Ratio Lower Upper

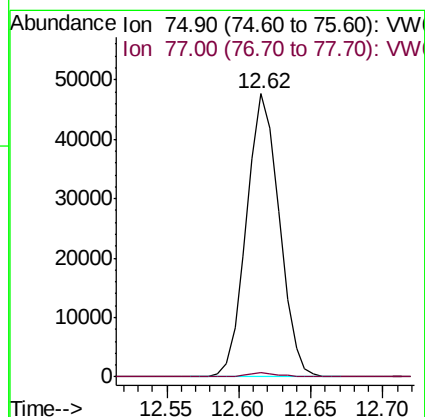
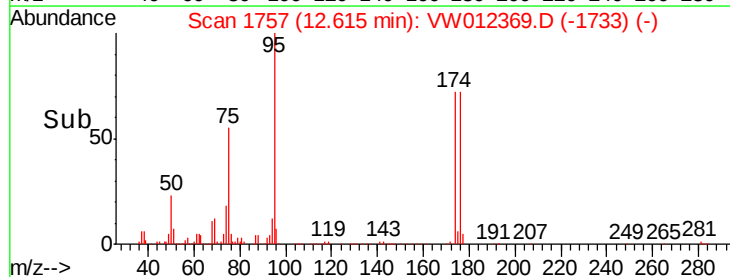
75 100

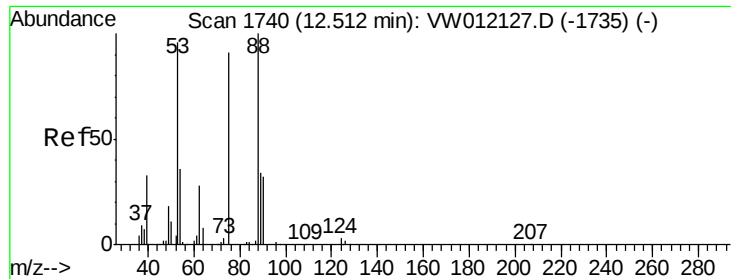
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

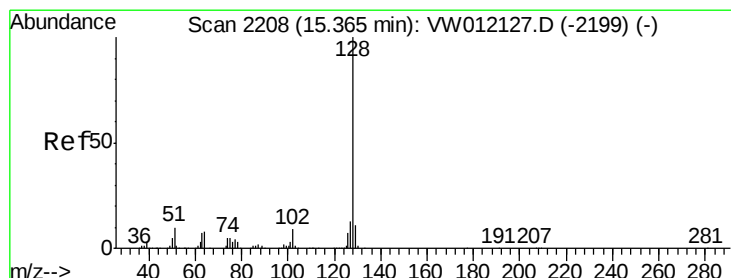
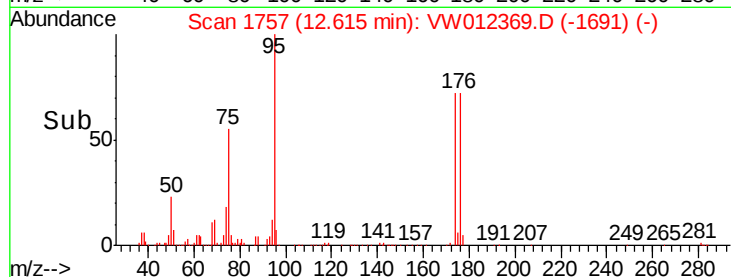
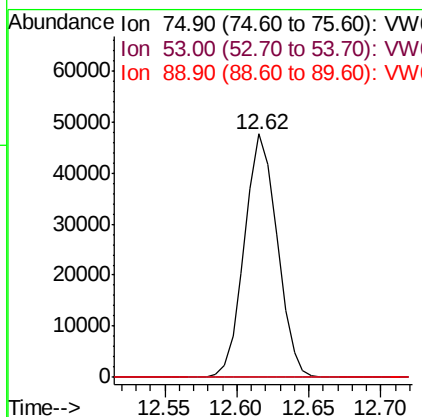
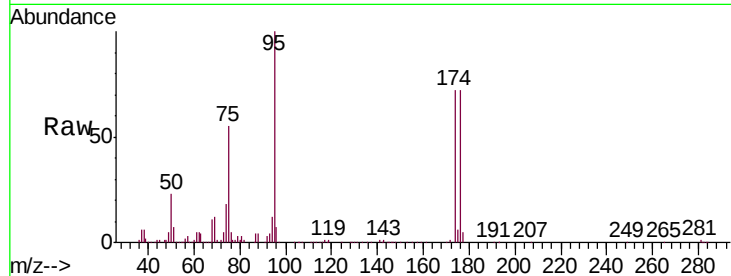




#81
trans-1,4-Dichloro-2-butene
Concen: 149.787 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

Instrument :
MSVOA_W
ClientSampled :
S-1(5-7)

Tgt Ion: 75 Resp: 75217
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.410 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012369.D
Acq: 31 Aug 2019 00:46

Tgt Ion: 128 Resp: 413
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

