

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
 Data File : VW012224.D
 Acq On : 27 Aug 2019 22:03
 Operator : SY/VA
 Sample : VW0827SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBL02

Quant Time: Aug 28 05:01:45 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

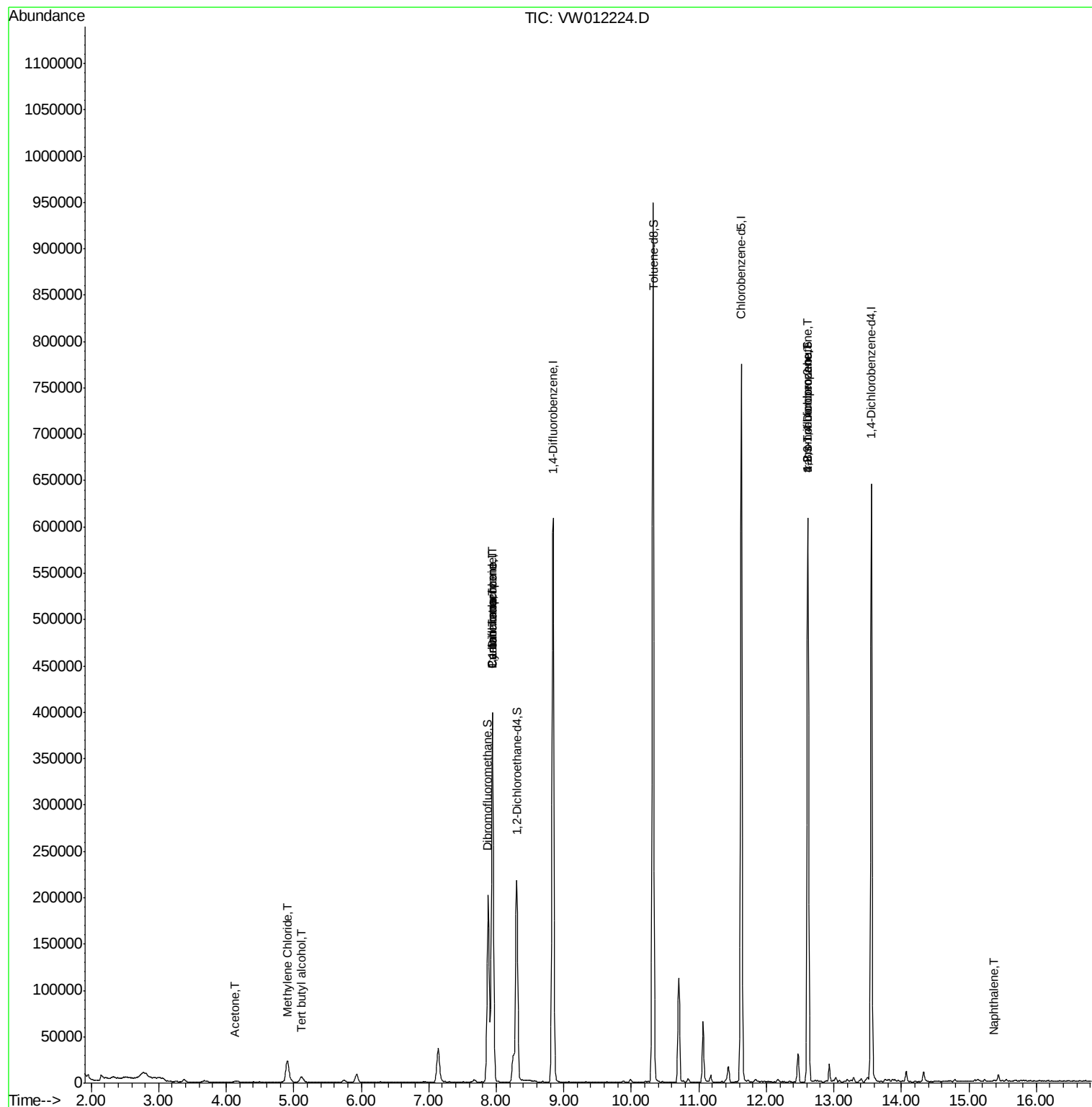
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	292339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	486631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	175801	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	7.88	113	146140	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.32	98	593475	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	191163	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	6071	29.029	ug/l #	72
16) Acetone	4.13	43	3428	3.859	ug/l	98
20) Methylene Chloride	4.90	84	16765	4.992	ug/l	96
31) Cyclohexane	7.94	56	7069	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	25165	5.004	ug/l #	52
38) Carbon Tetrachloride	7.95	117	29635	6.809	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	101936	65.160	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	101936	142.866	ug/l #	6
95) Naphthalene	15.37	128	1251	4.510	ug/l #	91

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

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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: VW012224.D

Acq: 27 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

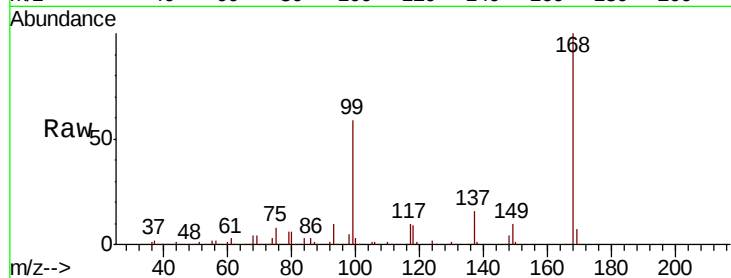
VW0827SBL02

Tgt Ion:168 Resp: 292339

Ion Ratio Lower Upper

168 100

99 59.4 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

150000

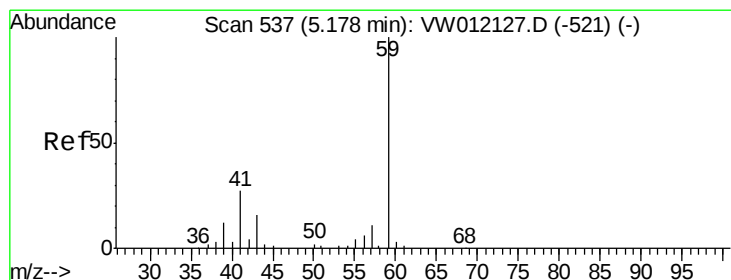
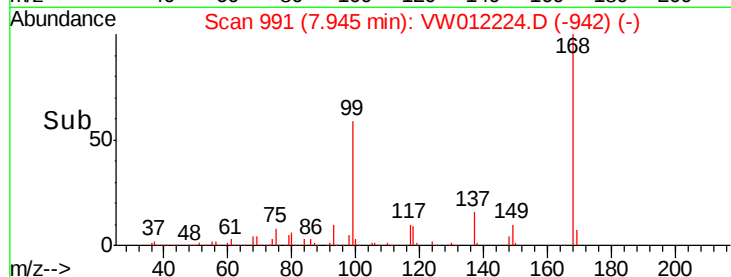
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 29.029 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.06 min

Lab File: VW012224.D

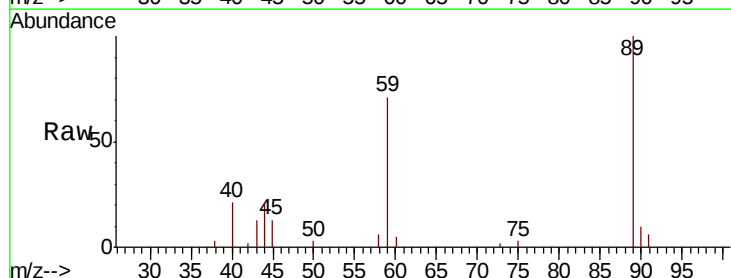
Acq: 27 Aug 2019 22:03

Tgt Ion: 59 Resp: 6071

Ion Ratio Lower Upper

59 100

57 0.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

1500

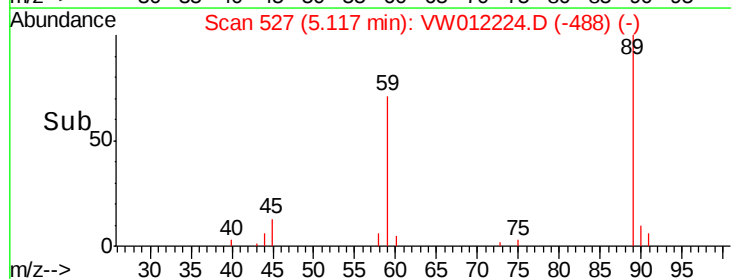
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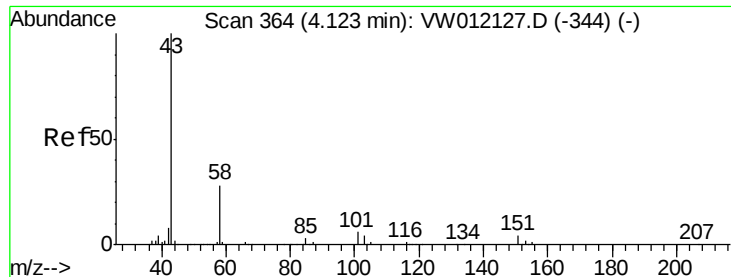
500

0

5.00 5.10 5.20

Time-->





#16

Acetone

Concen: 3.859 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012224.D

Acq: 27 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

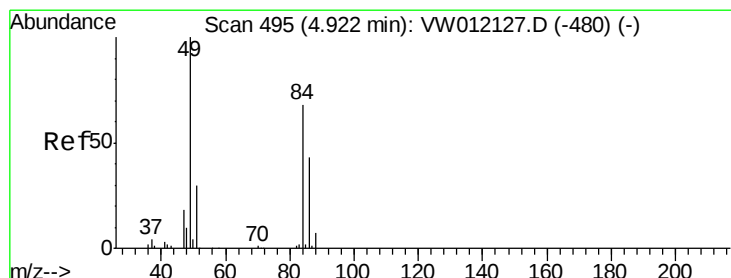
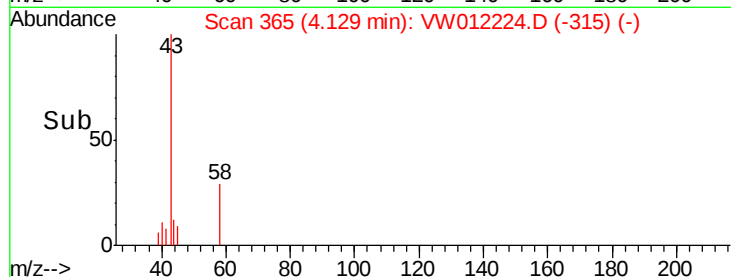
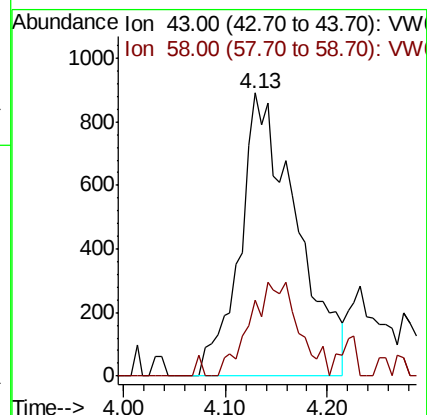
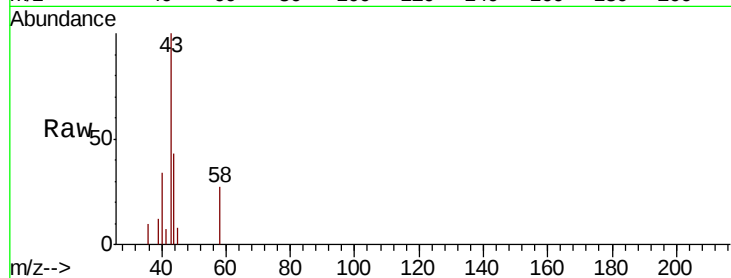
VW0827SBL02

Tgt Ion: 43 Resp: 3428

Ion Ratio Lower Upper

43 100

58 26.9 22.4 33.6



#20

Methylene Chloride

Concen: 4.992 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW012224.D

Acq: 27 Aug 2019 22:03

Tgt Ion: 84 Resp: 16765

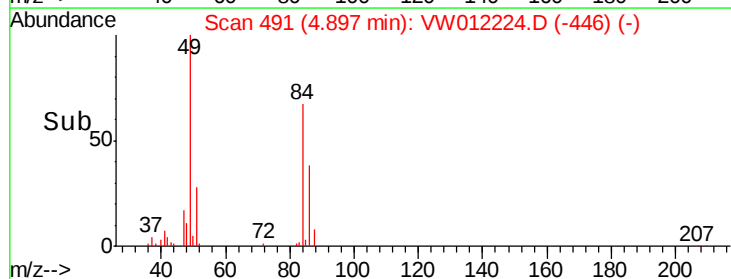
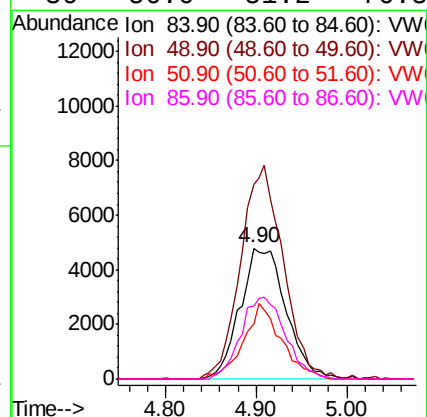
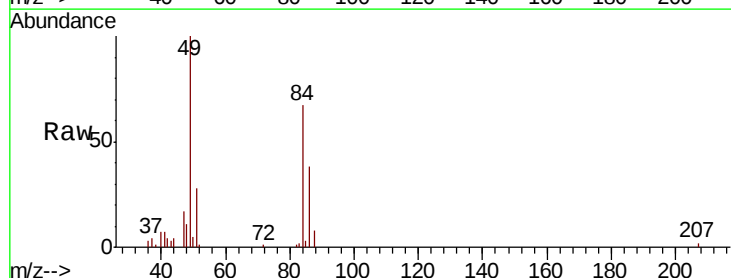
Ion Ratio Lower Upper

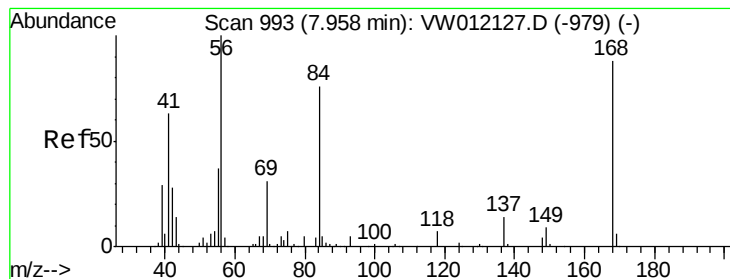
84 100

49 149.0 117.8 176.8

51 42.4 35.6 53.4

86 56.0 51.2 76.8





#31

Cyclohexane

Concen: 1.129 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012224.D

Acq: 27 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBL02

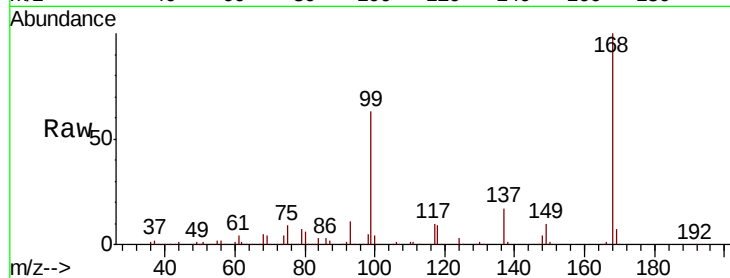
Tgt Ion: 56 Resp: 7069

Ion Ratio Lower Upper

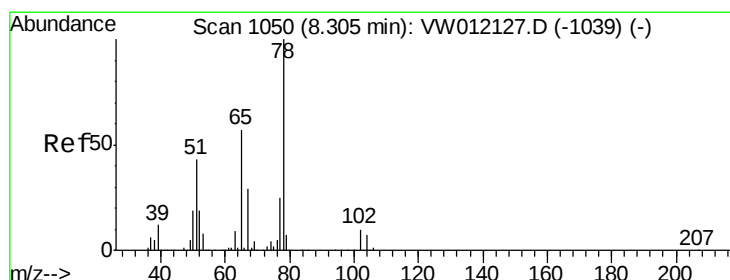
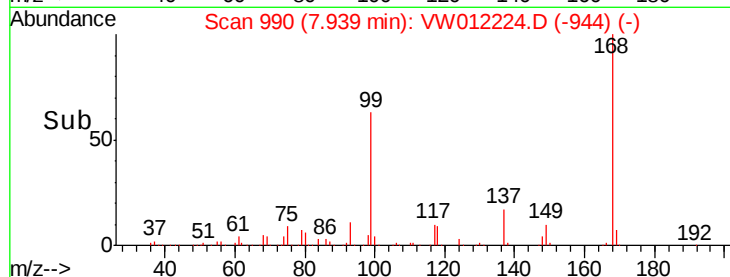
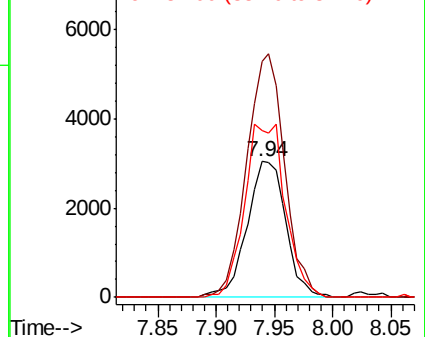
56 100

69 173.6 24.9 37.3#

84 123.2 60.6 90.8#



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: 50.587 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012224.D

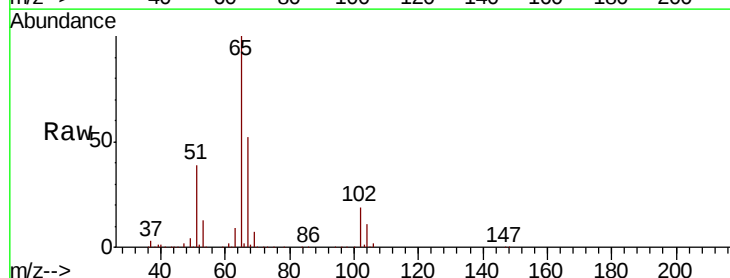
Acq: 27 Aug 2019 22:03

Tgt Ion: 65 Resp: 175801

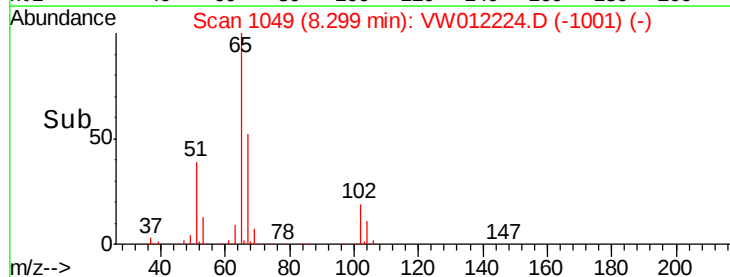
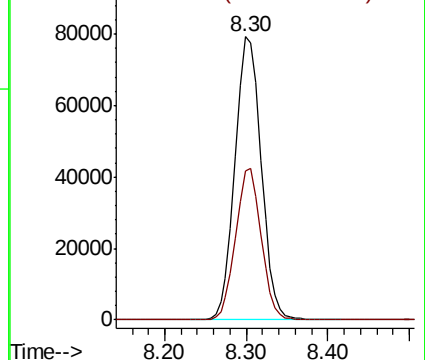
Ion Ratio Lower Upper

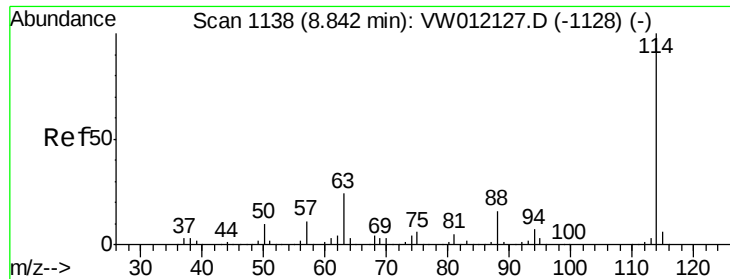
65 100

67 52.2 0.0 102.6



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

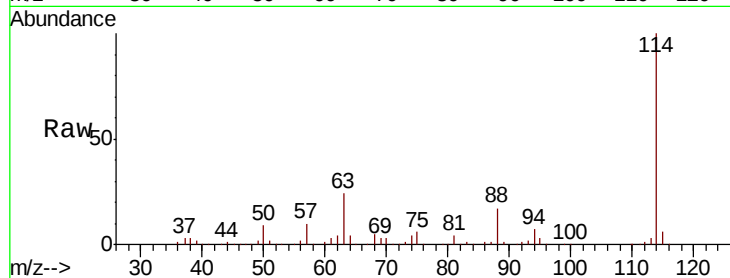




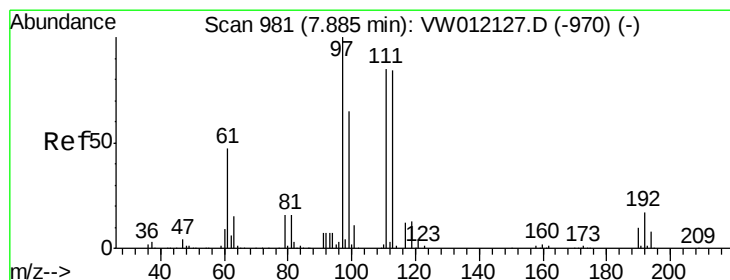
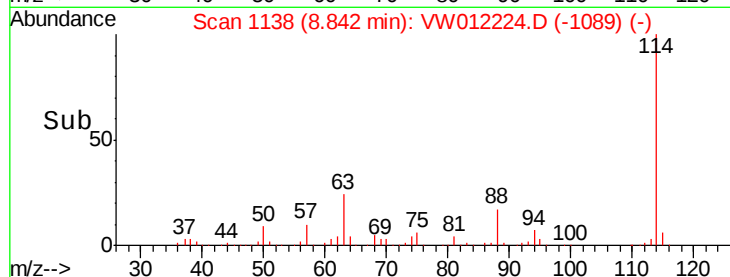
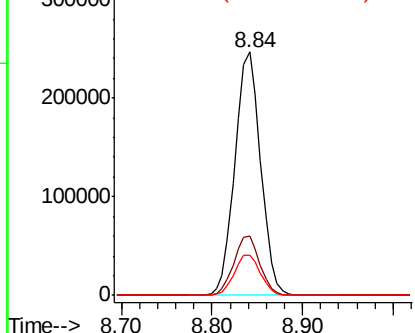
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012224.D
 Acq: 27 Aug 2019 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBL02

Tgt Ion:114 Resp: 486631
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 48.6
 88 16.5 0.0 32.2

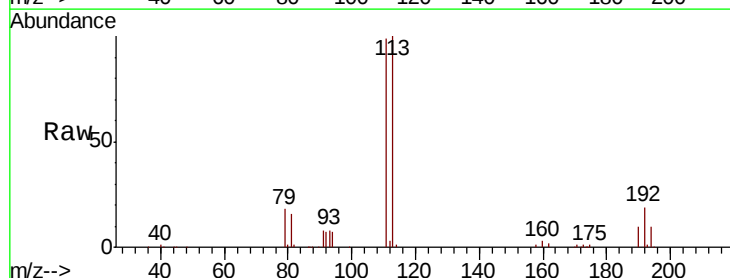


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

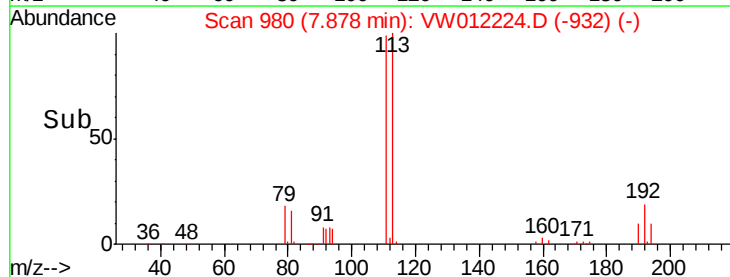
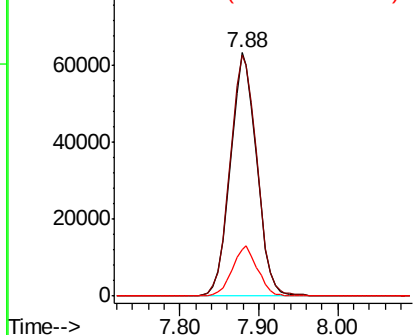


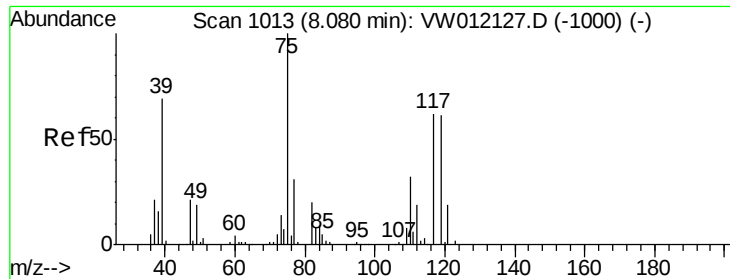
#35
 Dibromofluoromethane
 Concen: 50.311 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012224.D
 Acq: 27 Aug 2019 22:03

Tgt Ion:113 Resp: 146140
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.7 124.1
 192 19.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

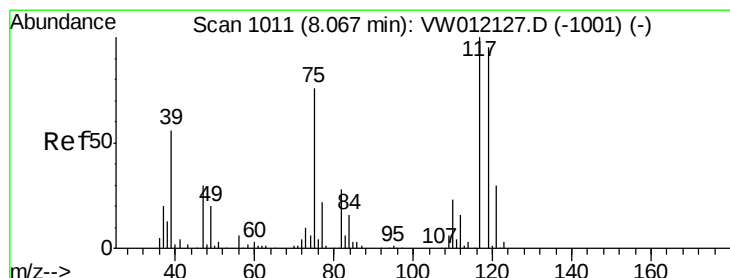
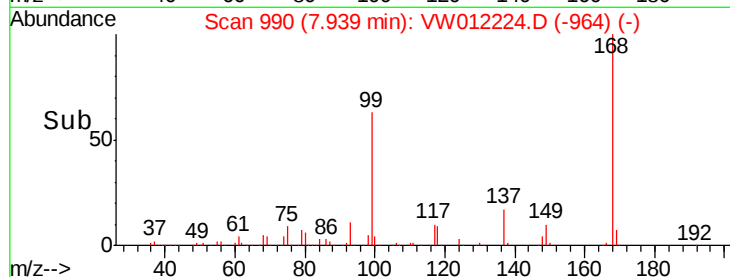
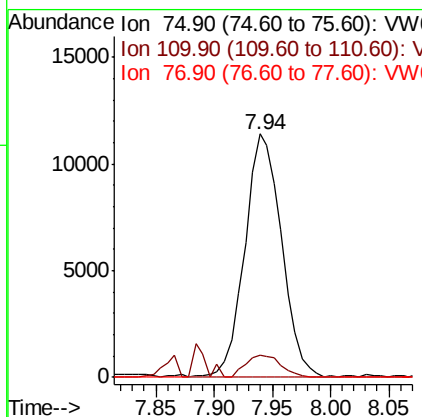
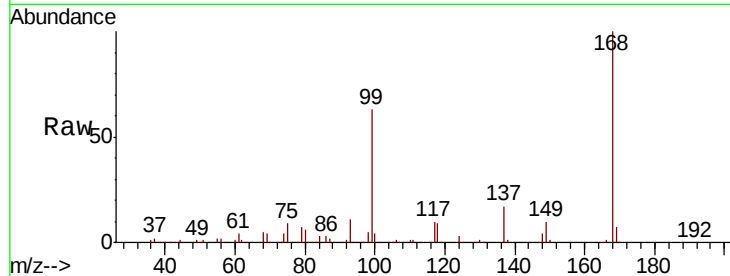




#36
 1,1-Dichloropropene
 Concen: 5.004 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012224.D
 Acq: 27 Aug 2019 22:03

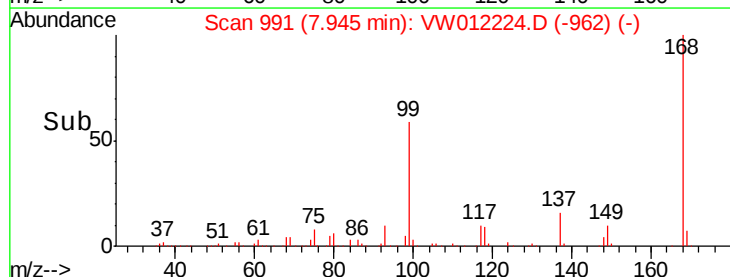
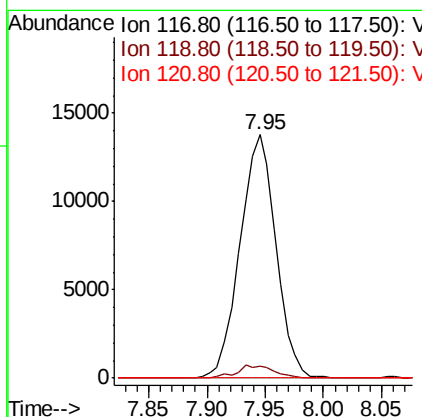
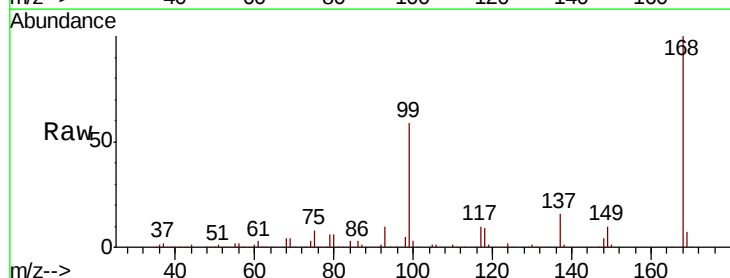
Instrument :
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 ClientSampleId :
 VW0827SBL02

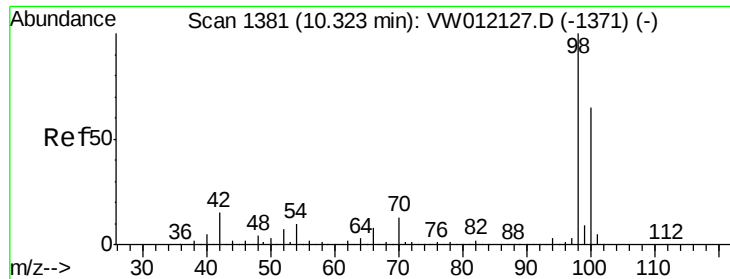
Tgt Ion: 75 Resp: 25165
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.809 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012224.D
 Acq: 27 Aug 2019 22:03

Tgt Ion: 117 Resp: 29635
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.2 114.2#
 121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 50.389 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012224.D

Acq: 27 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

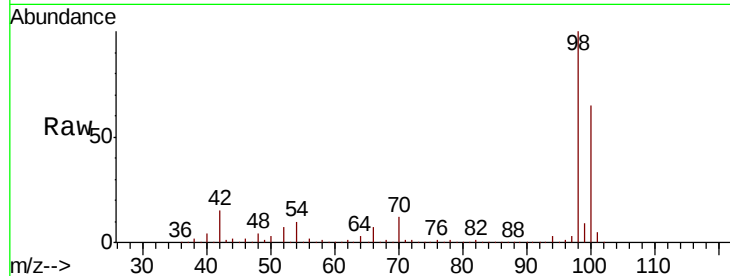
VW0827SBL02

Tgt Ion: 98 Resp: 593475

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

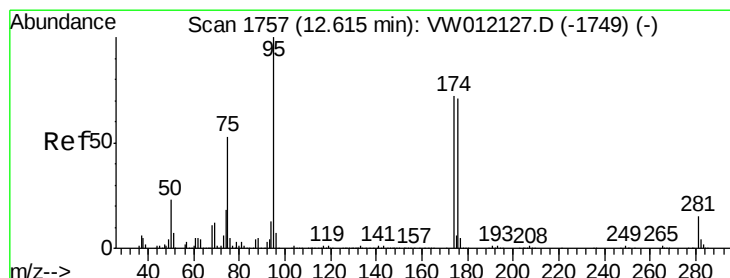
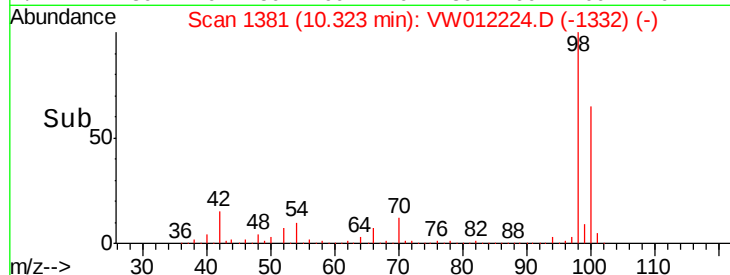
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.045 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012224.D

Acq: 27 Aug 2019 22:03

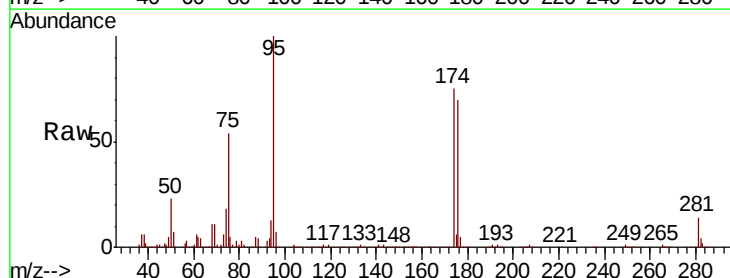
Tgt Ion: 95 Resp: 191163

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.8

176 73.5 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

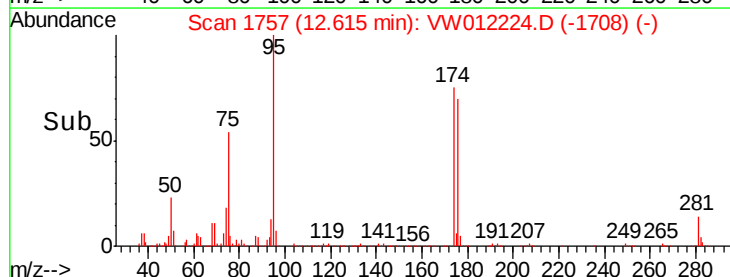
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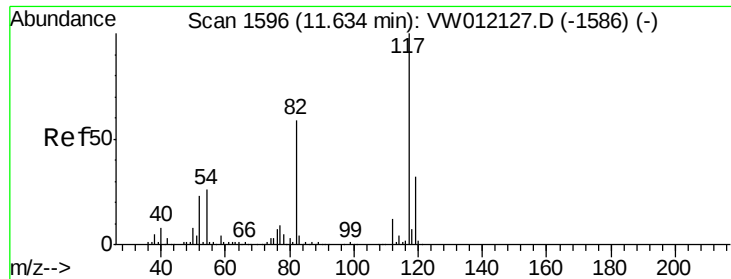
100000

50000

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Time-->

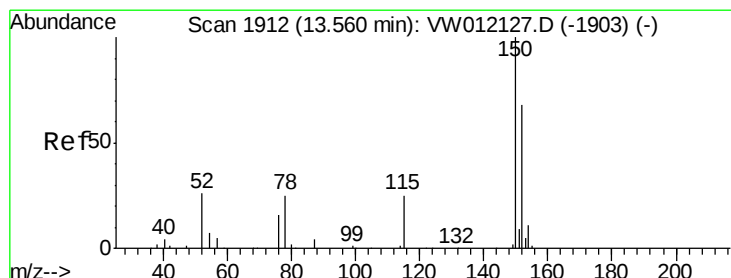
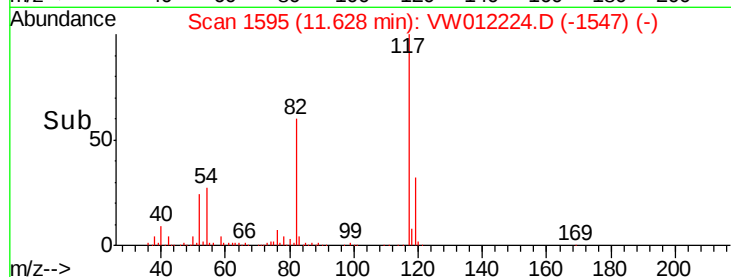
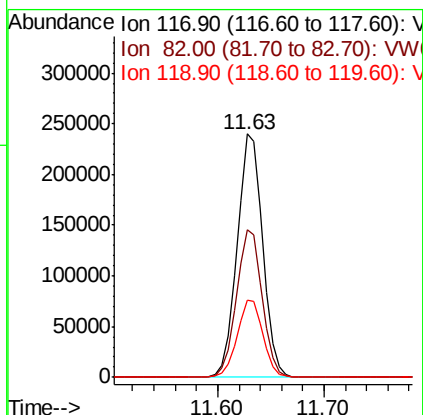
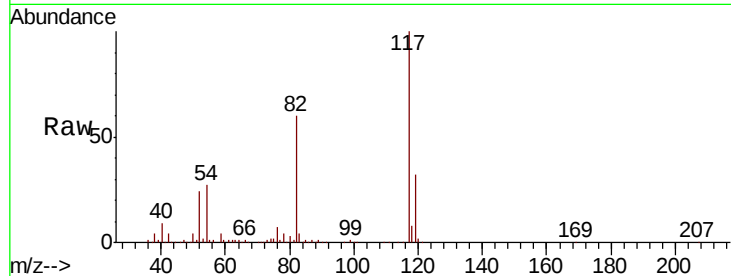




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012224.D
Acq: 27 Aug 2019 22:03

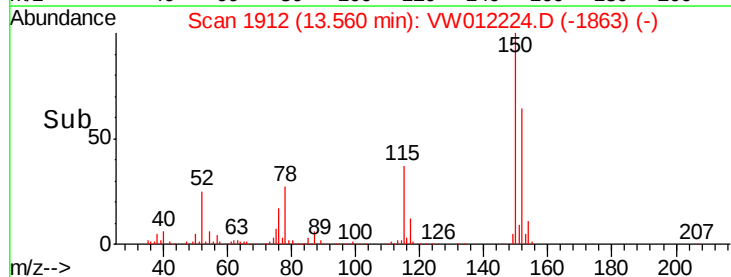
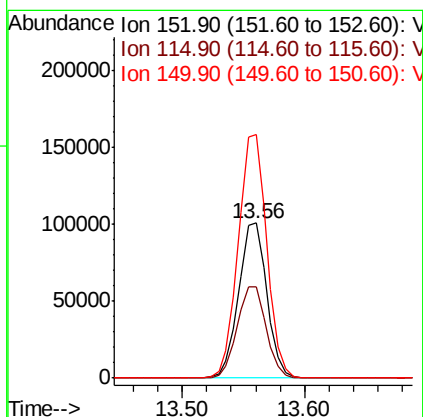
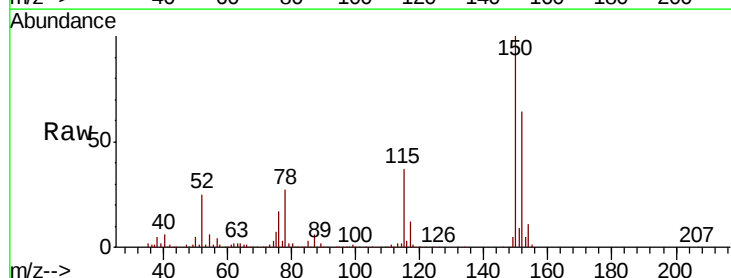
Instrument :
MSVOA_W
ClientSampleId :
VW0827SBL02

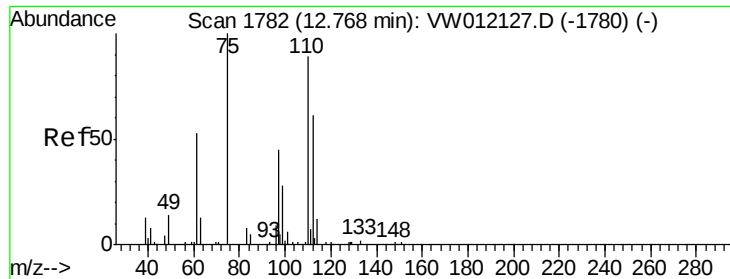
Tgt Ion:117 Resp: 404225
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012224.D
Acq: 27 Aug 2019 22:03

Tgt Ion:152 Resp: 160627
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 158.7 0.0 345.8

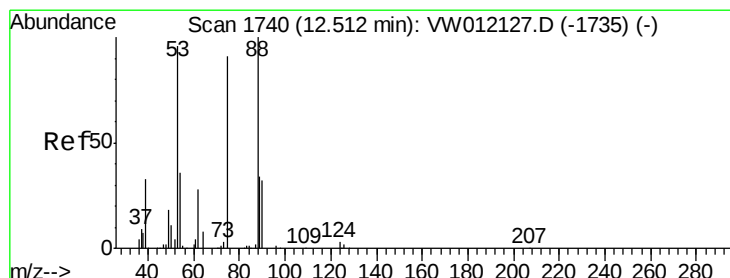
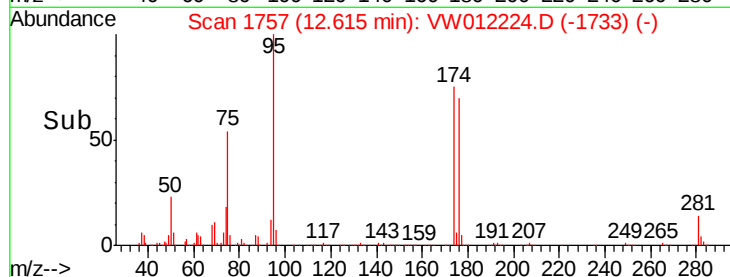
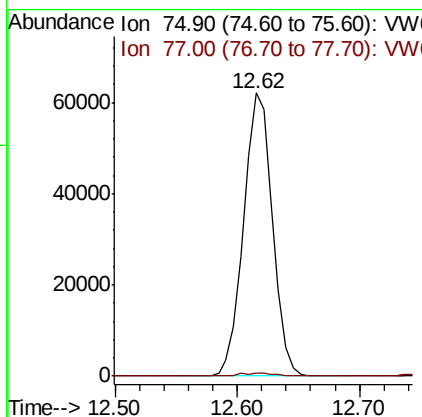
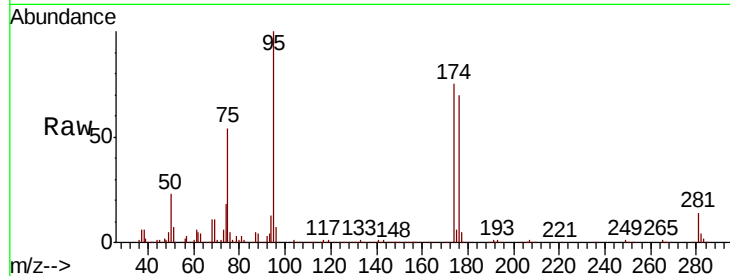




#76
 1,2,3-Trichloropropane
 Concen: 65.160 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012224.D
 Acq: 27 Aug 2019 22:03

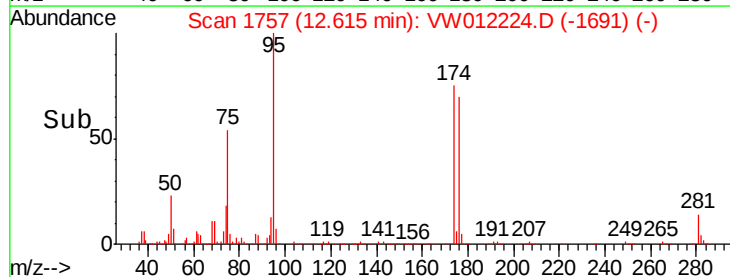
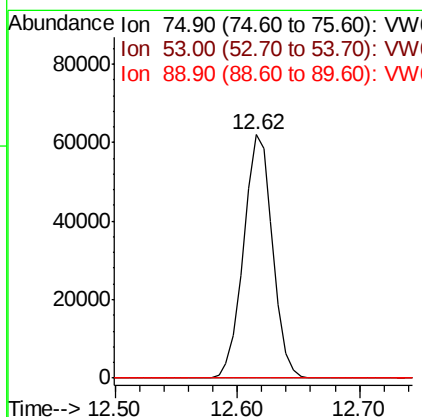
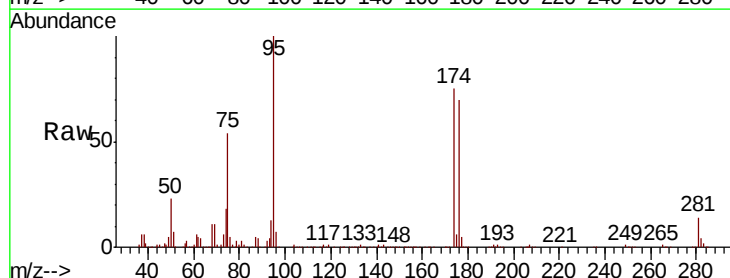
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBL02

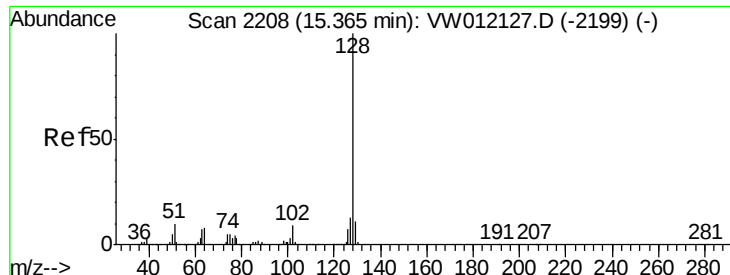
Tgt Ion: 75 Resp: 101936
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.866 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012224.D
 Acq: 27 Aug 2019 22:03

Tgt Ion: 75 Resp: 101936
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.4 134.0#
 89 0.4 34.5 51.7#





#95

Naphthalene

Concen: 4.510 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012224.D

Acq: 27 Aug 2019 22:03

Instrument :

MSVOA_W

ClientSampleId :

VW0827SBL02

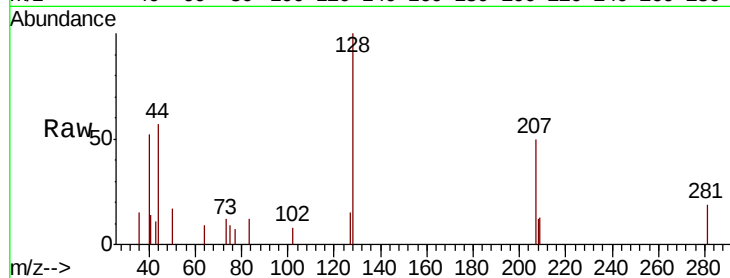
Tgt Ion:128 Resp: 1251

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 3.1 8.7 13.1#



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

