

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082019\
 Data File : VW012035.D
 Acq On : 20 Aug 2019 17:28
 Operator : SY/VA
 Sample : VW0820SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL02

Quant Time: Aug 21 01:34:12 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

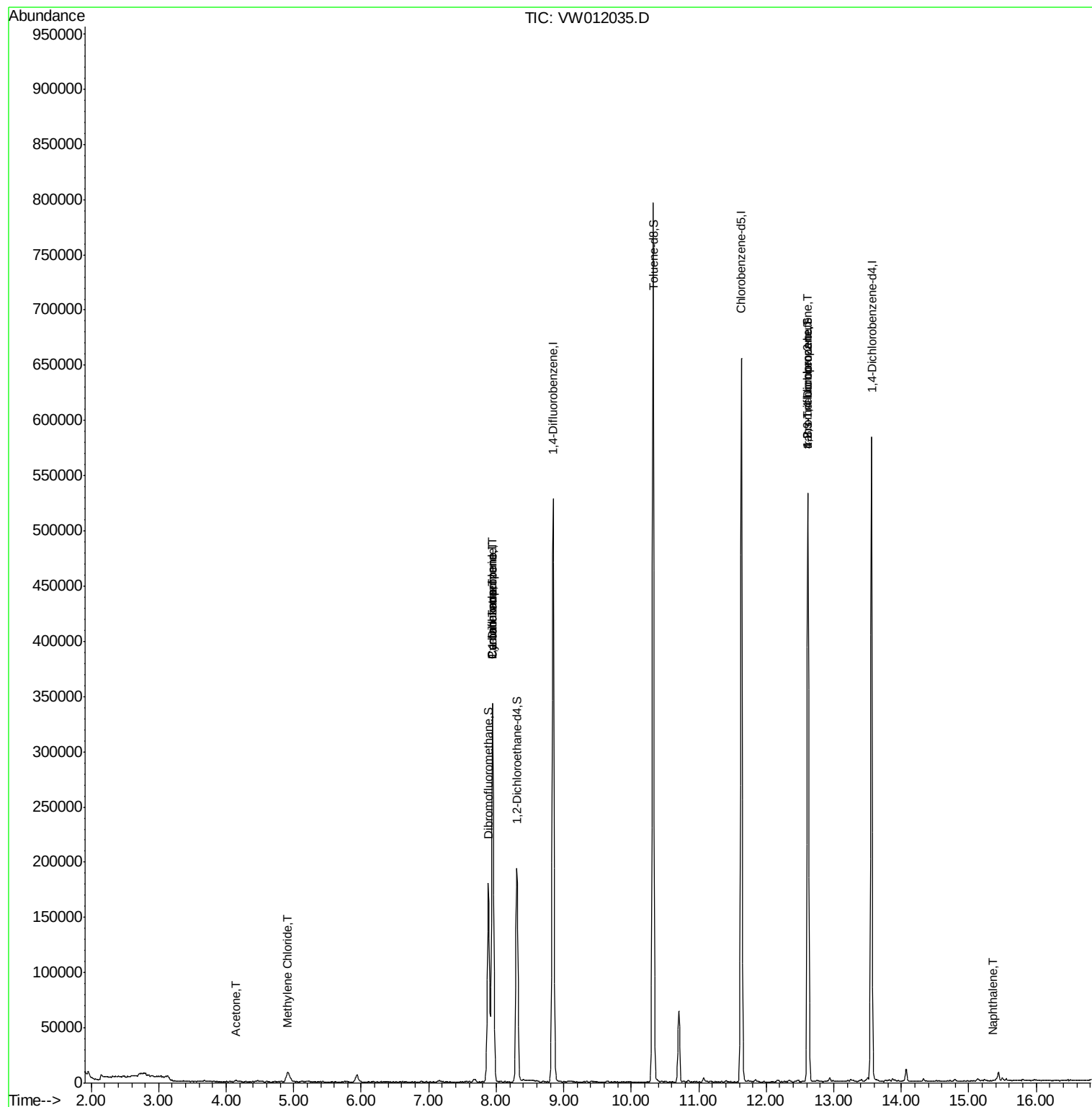
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155242	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	7.88	113	127096	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
50) Toluene-d8	10.32	98	507253	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.62	95	168843	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
11) Tert butyl alcohol	5.17	59	108	Below Cal	#	72
16) Acetone	4.15	43	3604	3.939	ug/l	91
20) Methylene Chloride	4.91	84	6862	2.175	ug/l	95
31) Cyclohexane	7.95	56	6094	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21698	5.025	ug/l #	52
38) Carbon Tetrachloride	7.95	117	25165	6.807	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	88744	56.326	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88744	129.812	ug/l #	6
95) Naphthalene	15.36	128	888	2.211	ug/l #	86

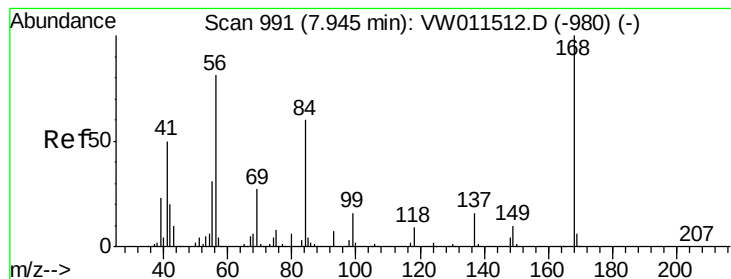
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082019\
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Quant Title : SW846 8260
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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: VW012035.D

Acq: 20 Aug 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

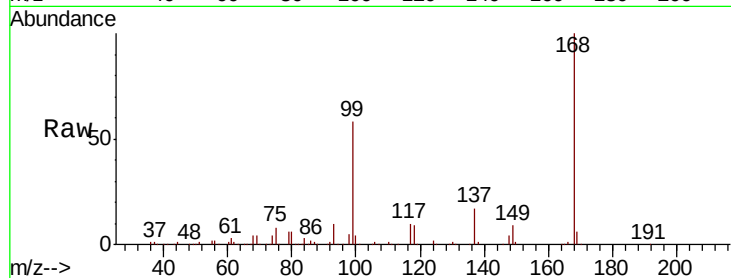
VW0820SBL02

Tgt Ion:168 Resp: 250475

Ion Ratio Lower Upper

168 100

99 57.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

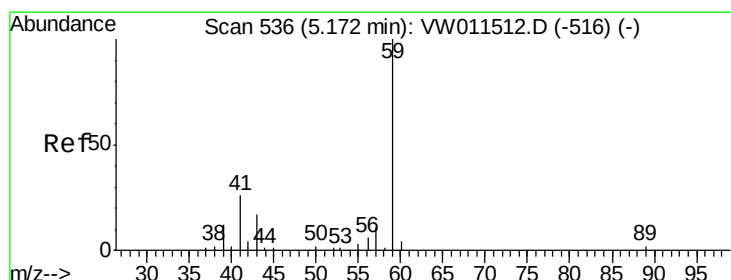
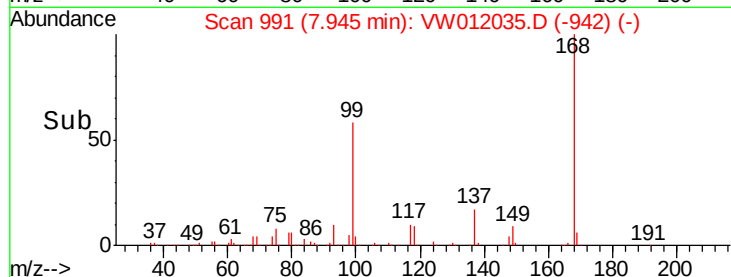
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW012035.D

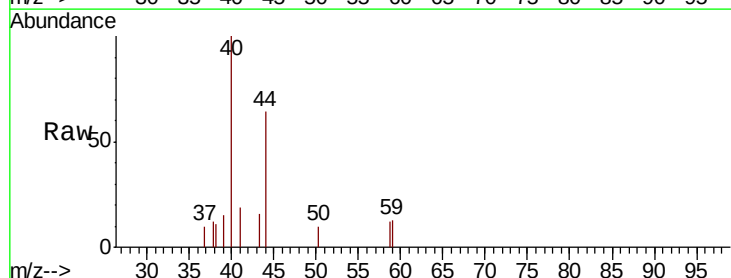
Acq: 20 Aug 2019 17:28

Tgt Ion: 59 Resp: 108

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

250

200

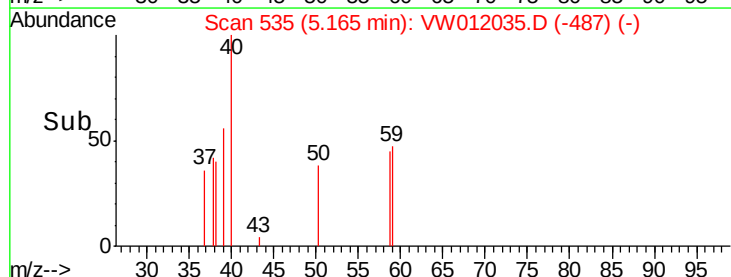
150

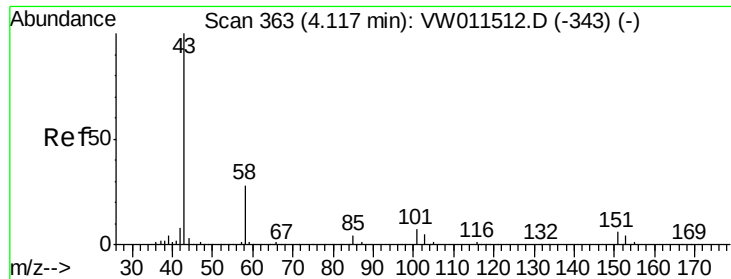
100

50

0

Time-->





#16

Acetone

Concen: 3.939 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012035.D

Acq: 20 Aug 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

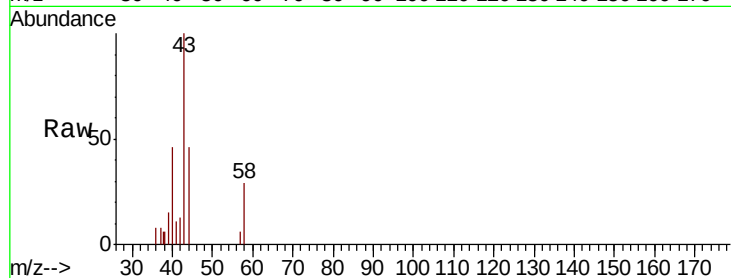
VW0820SBL02

Tgt Ion: 43 Resp: 3604

Ion Ratio Lower Upper

43 100

58 23.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

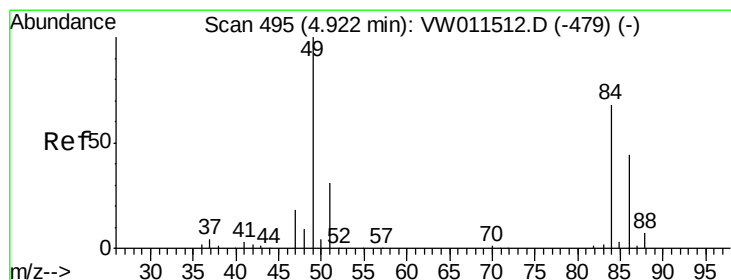
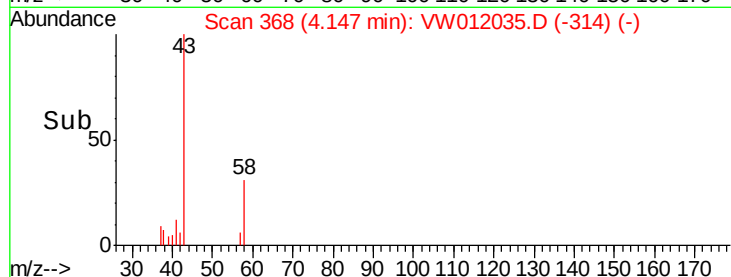
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 2.175 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012035.D

Acq: 20 Aug 2019 17:28

Tgt Ion: 84 Resp: 6862

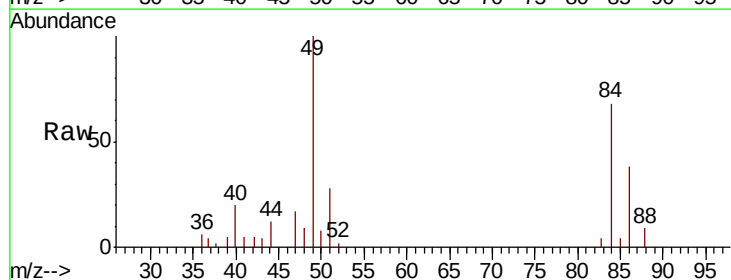
Ion Ratio Lower Upper

84 100

49 146.8 117.8 176.6

51 40.4 37.0 55.4

86 55.3 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

4000

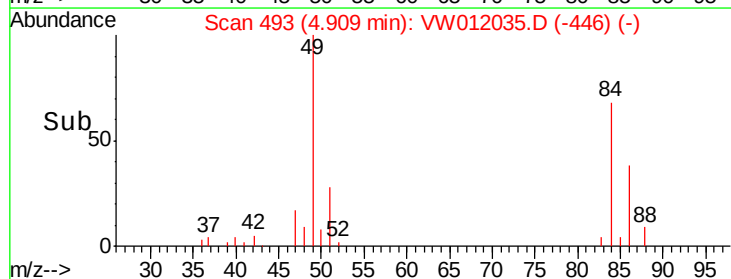
3000

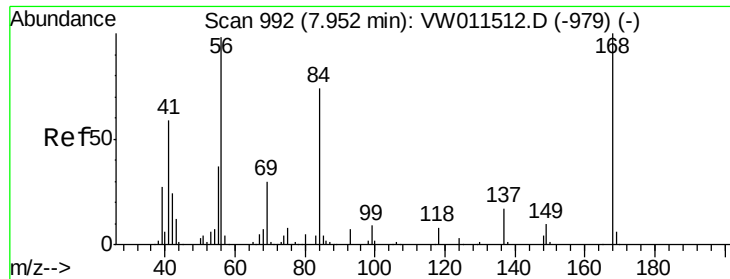
2000

1000

0

Time-->

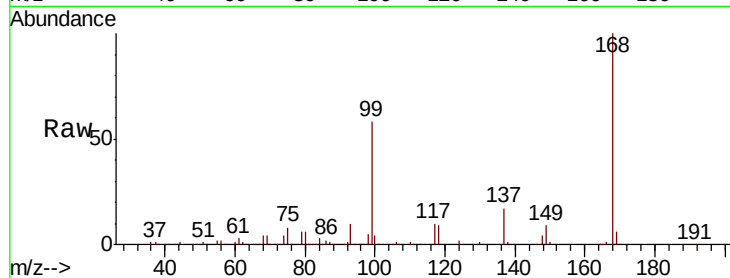




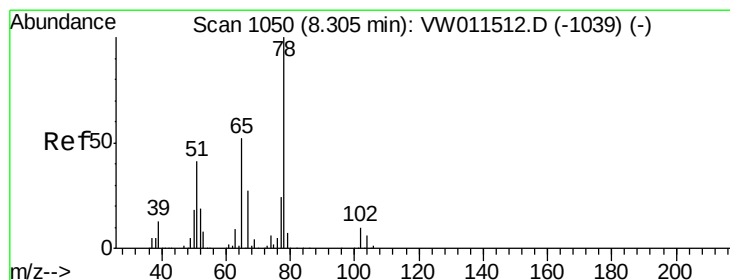
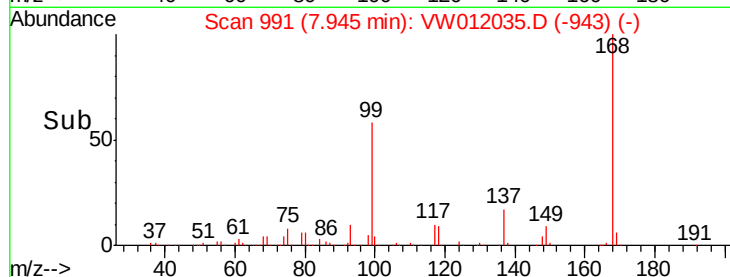
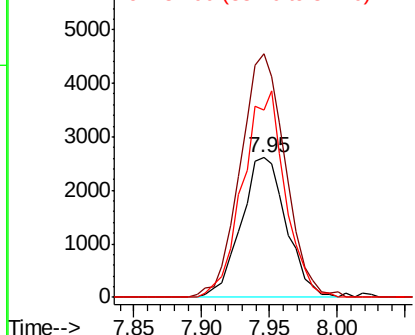
#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012035.D
Acq: 20 Aug 2019 17:28

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBL02

Tgt Ion: 56 Resp: 6094
Ion Ratio Lower Upper
56 100
69 174.5 24.3 36.5#
84 134.4 60.4 90.6#

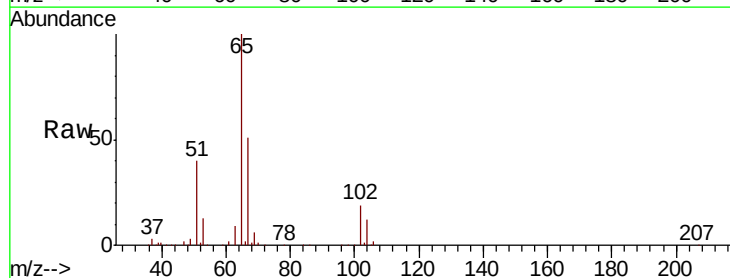


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

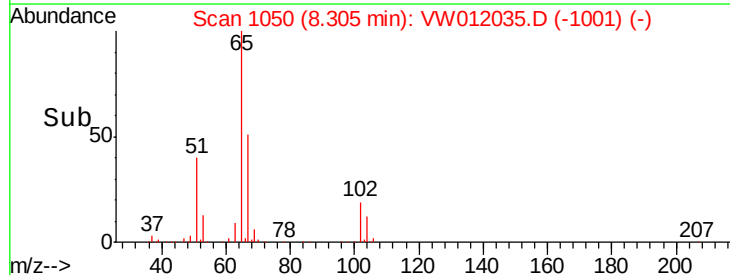
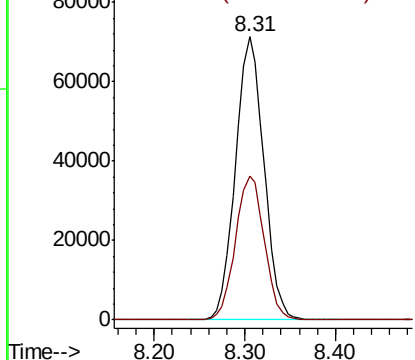


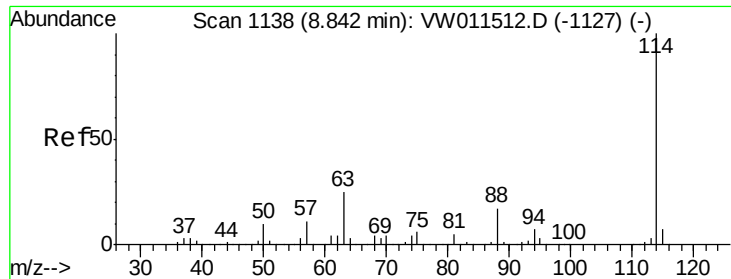
#33
1,2-Dichloroethane-d4
Concen: 53.976 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012035.D
Acq: 20 Aug 2019 17:28

Tgt Ion: 65 Resp: 155242
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2



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

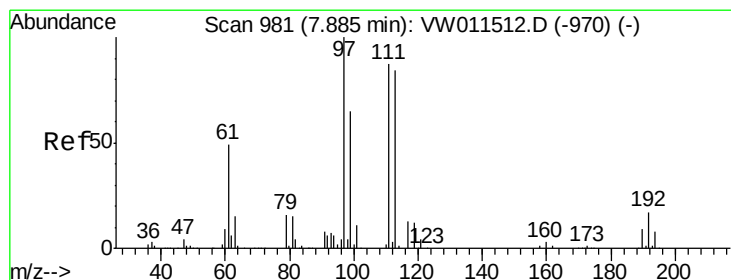
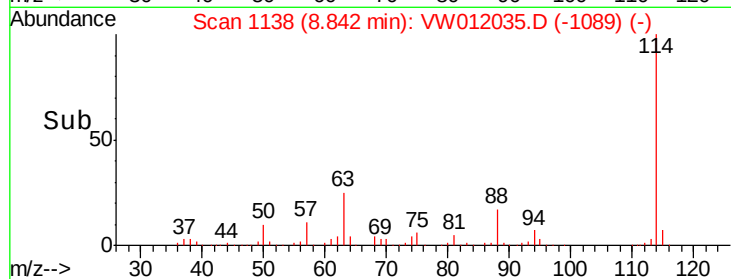
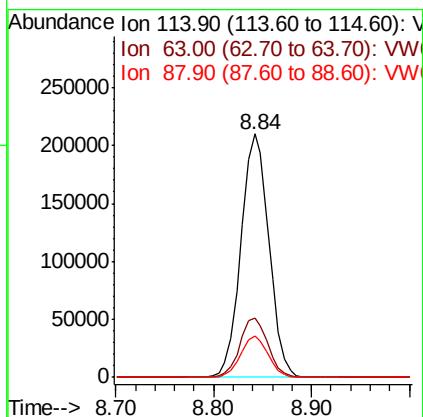
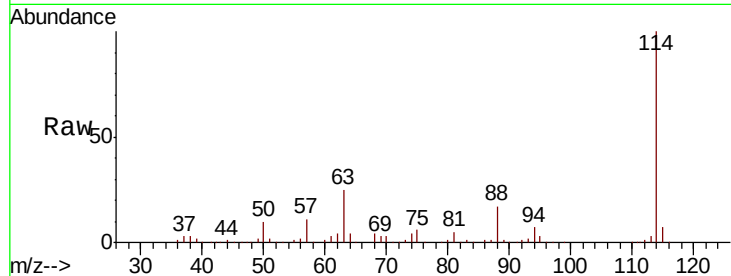




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012035.D
 Acq: 20 Aug 2019 17:28

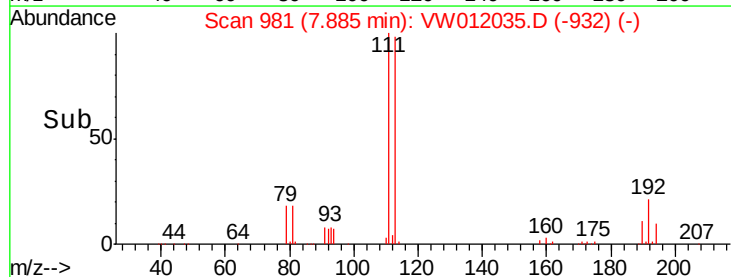
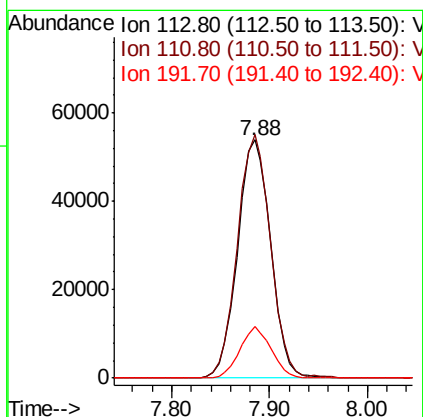
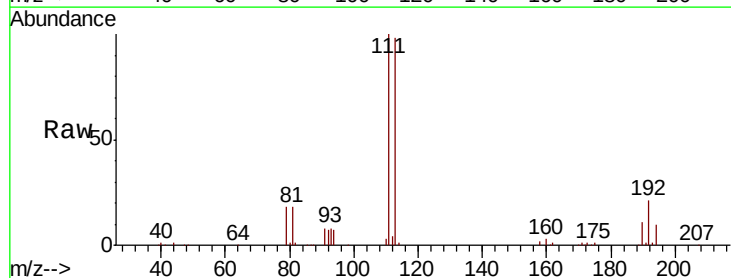
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBL02

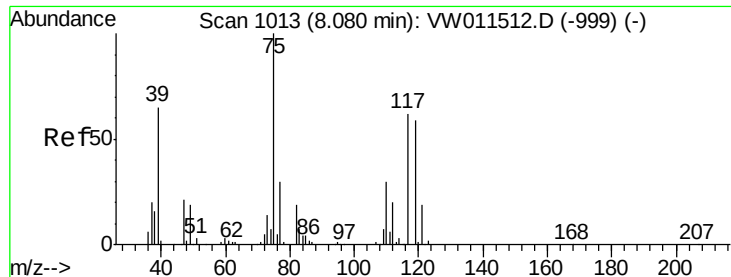
Tgt Ion:114 Resp: 415305
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.0 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 54.549 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012035.D
 Acq: 20 Aug 2019 17:28

Tgt Ion:113 Resp: 127096
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 20.4 16.1 24.1

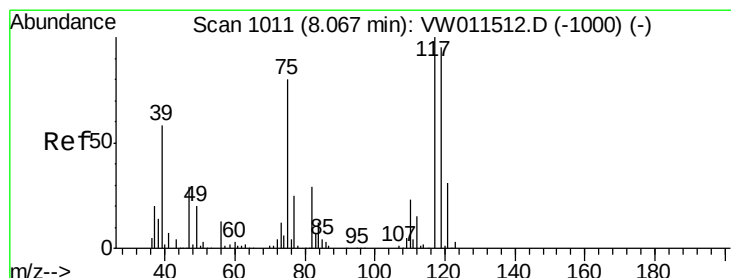
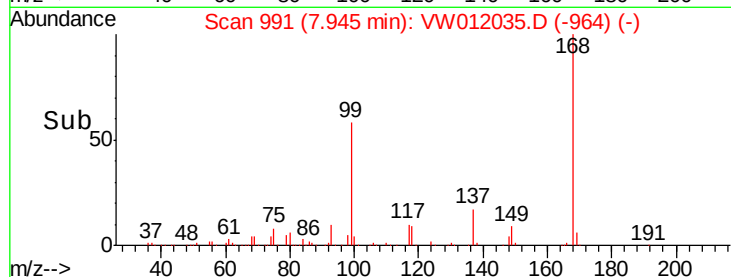
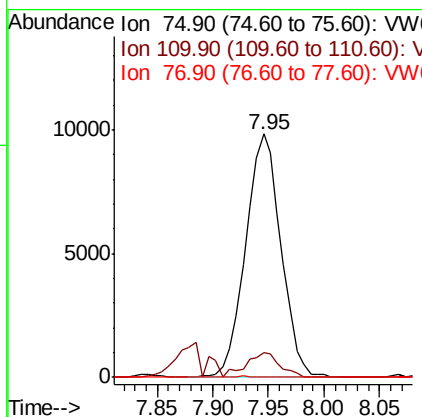
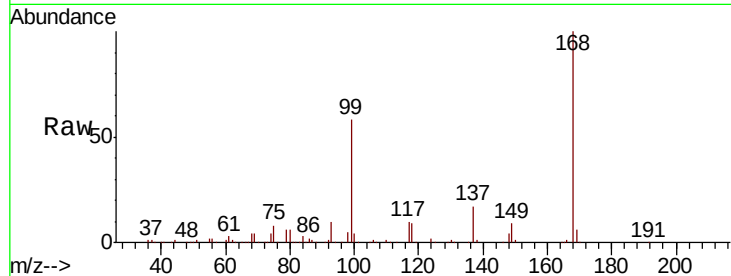




#36
 1,1-Dichloropropene
 Concen: 5.025 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012035.D
 Acq: 20 Aug 2019 17:28

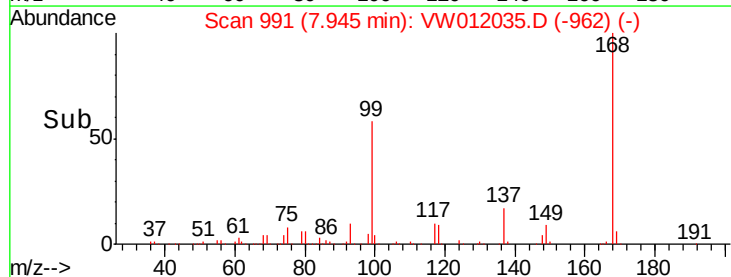
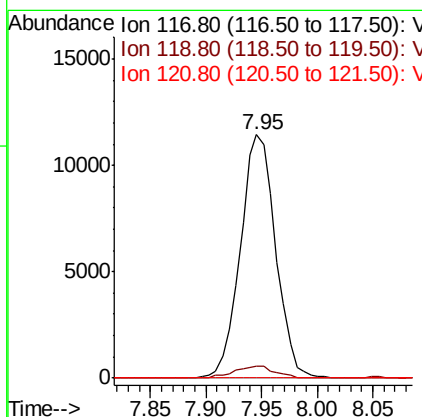
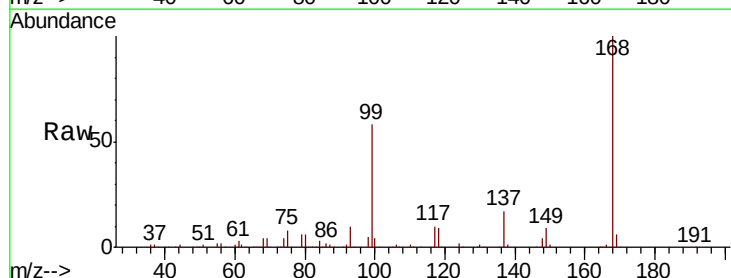
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 VW0820SBL02

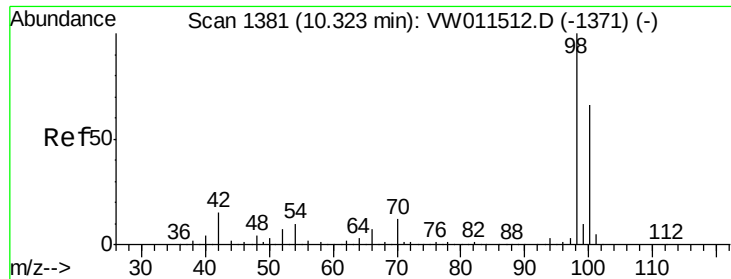
Tgt Ion: 75 Resp: 21698
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.6 46.8#
 77 0.1 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.807 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012035.D
 Acq: 20 Aug 2019 17:28

Tgt Ion: 117 Resp: 25165
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.6#
 121 0.0 24.7 37.1#

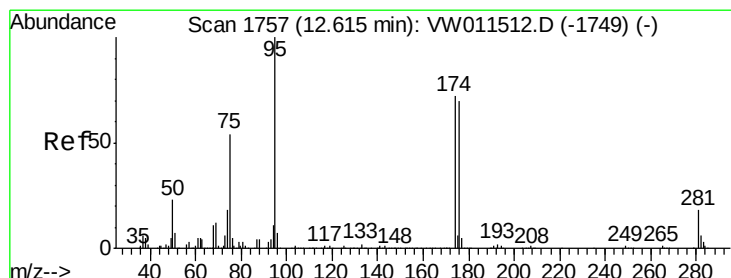
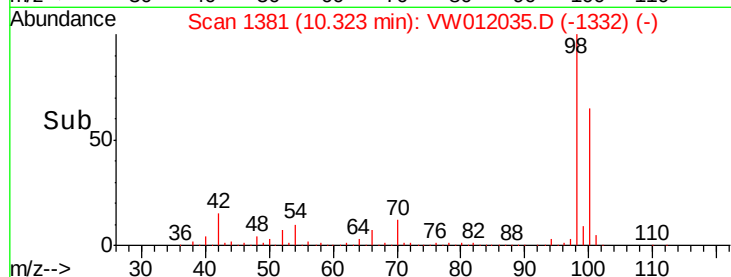
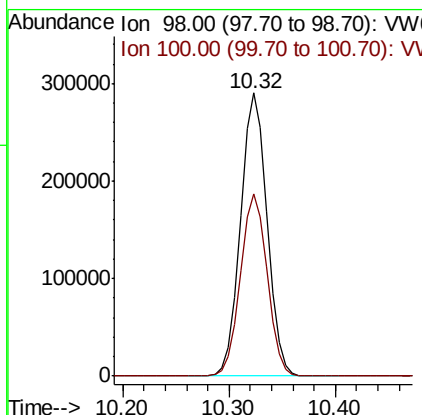
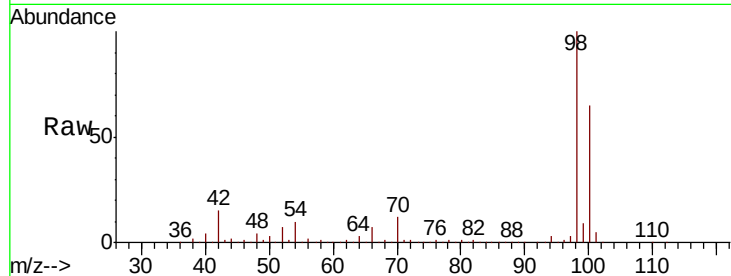




#50
Toluene-d8
Concen: 53.174 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012035.D
Acq: 20 Aug 2019 17:28

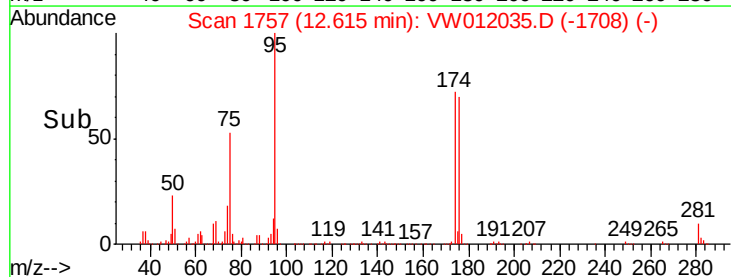
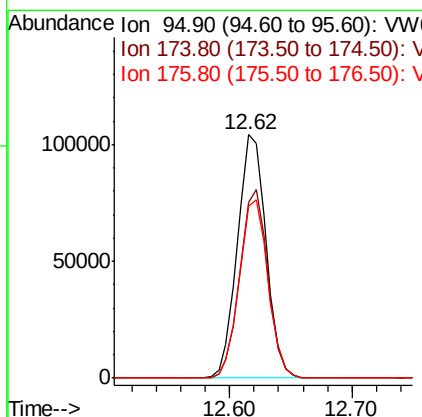
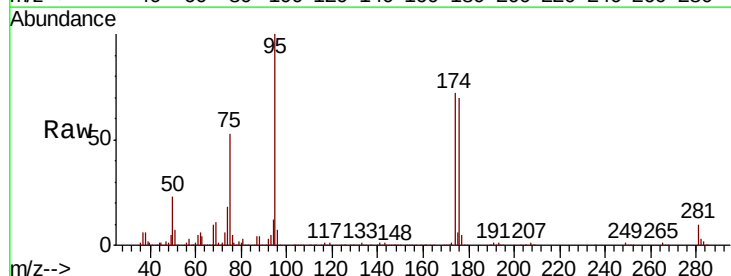
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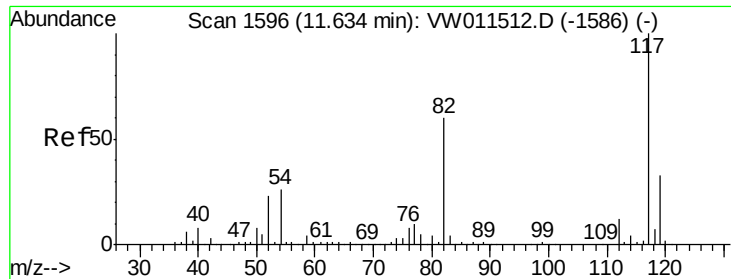
Tgt Ion: 98 Resp: 507253
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.645 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012035.D
Acq: 20 Aug 2019 17:28

Tgt Ion: 95 Resp: 168843
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.2
176 73.7 0.0 144.4

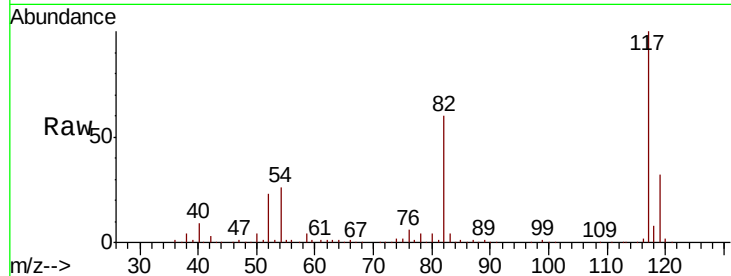




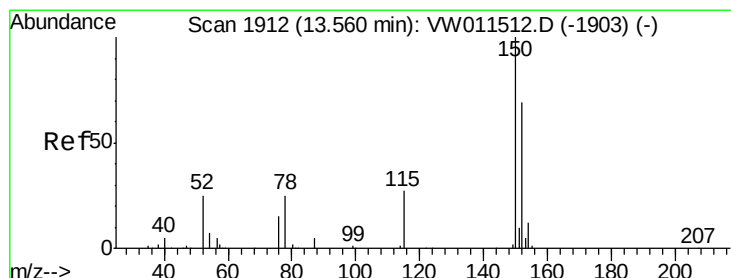
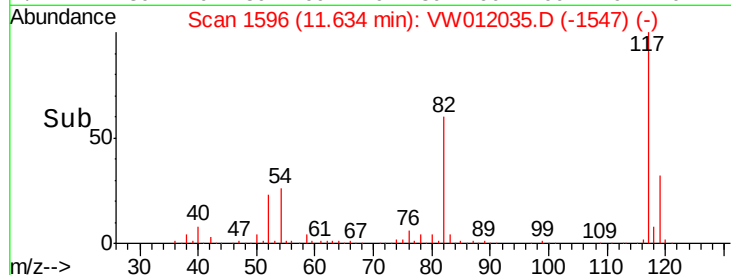
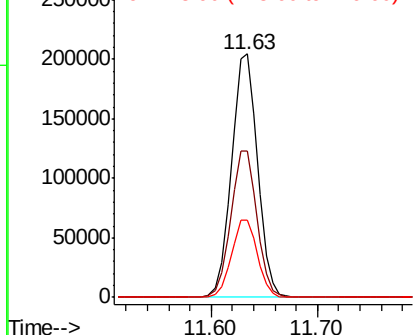
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012035.D
Acq: 20 Aug 2019 17:28

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBL02

Tgt Ion:117 Resp: 350454
Ion Ratio Lower Upper
117 100
82 60.3 47.9 71.9
119 32.0 26.2 39.2

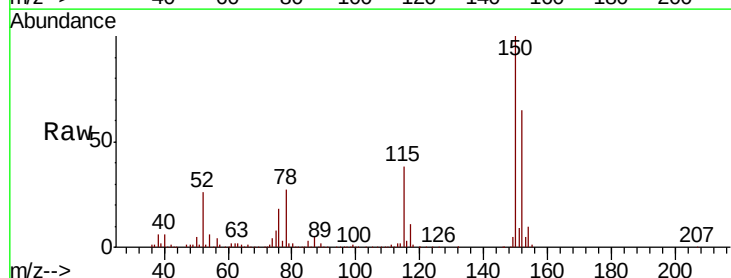


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

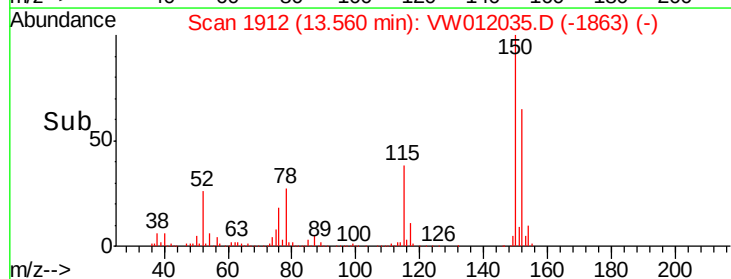
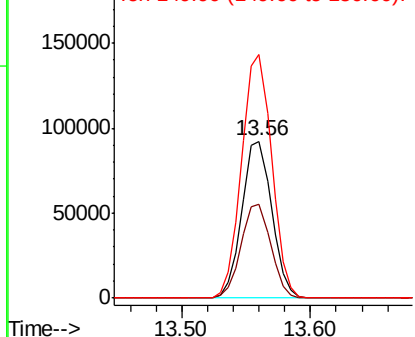


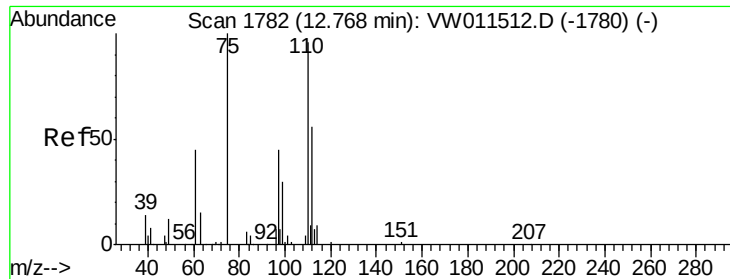
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012035.D
Acq: 20 Aug 2019 17:28

Tgt Ion:152 Resp: 148901
Ion Ratio Lower Upper
152 100
115 59.3 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: 56.326 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012035.D

Acq: 20 Aug 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

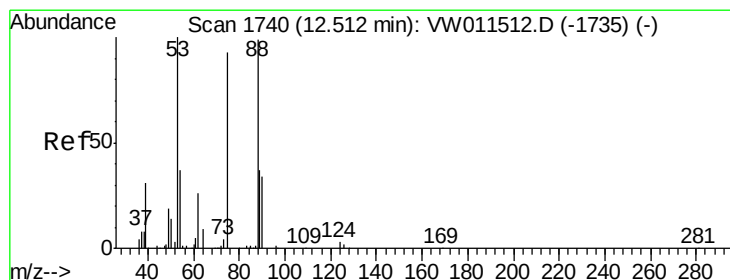
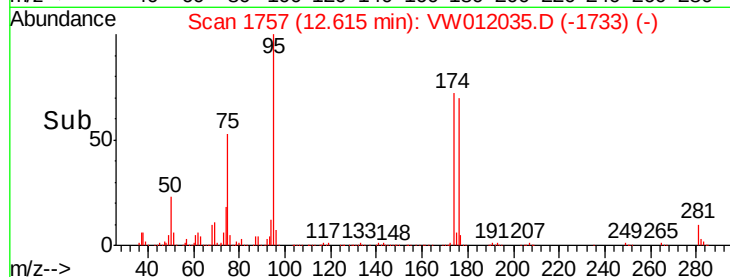
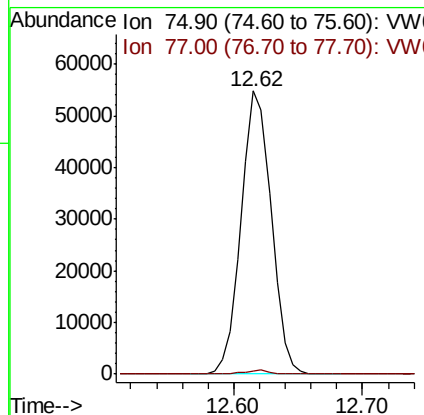
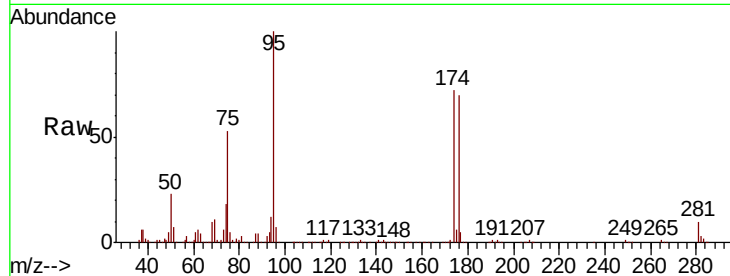
VW0820SBL02

Tgt Ion: 75 Resp: 88744

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.812 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012035.D

Acq: 20 Aug 2019 17:28

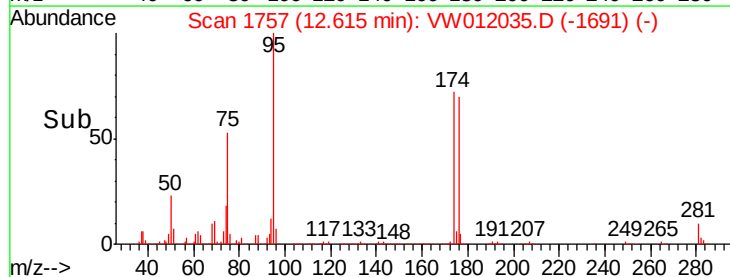
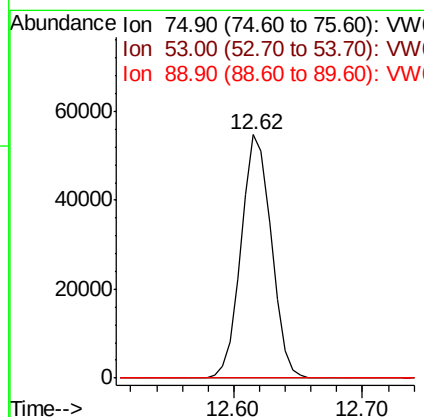
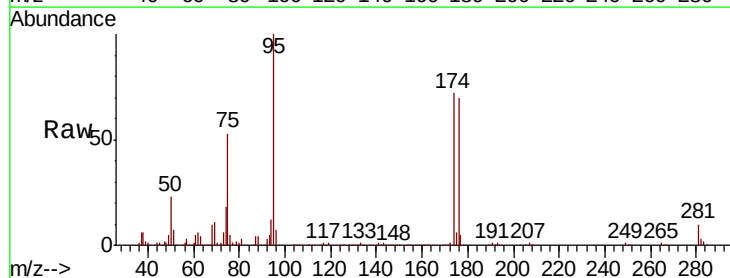
Tgt Ion: 75 Resp: 88744

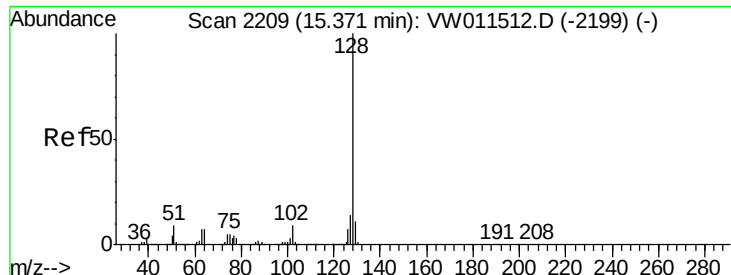
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.211 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW012035.D

Acq: 20 Aug 2019 17:28

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBL02

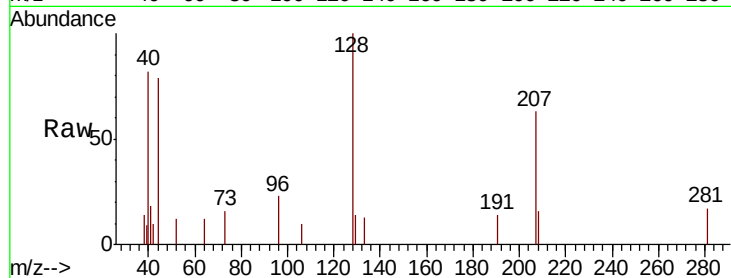
Tgt Ion:128 Resp: 888

Ion Ratio Lower Upper

128 100

127 8.0 10.6 16.0#

129 5.4 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

