

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081219\
 Data File : VW011817.D
 Acq On : 09 Aug 2019 17:25
 Operator : SY/VA
 Sample : VW0812SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBL01

Quant Time: Aug 11 01:27:42 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	201365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119062	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	127479	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
35) Dibromofluoromethane	7.88	113	102605	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
50) Toluene-d8	10.32	98	412791	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.62	95	133980	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	

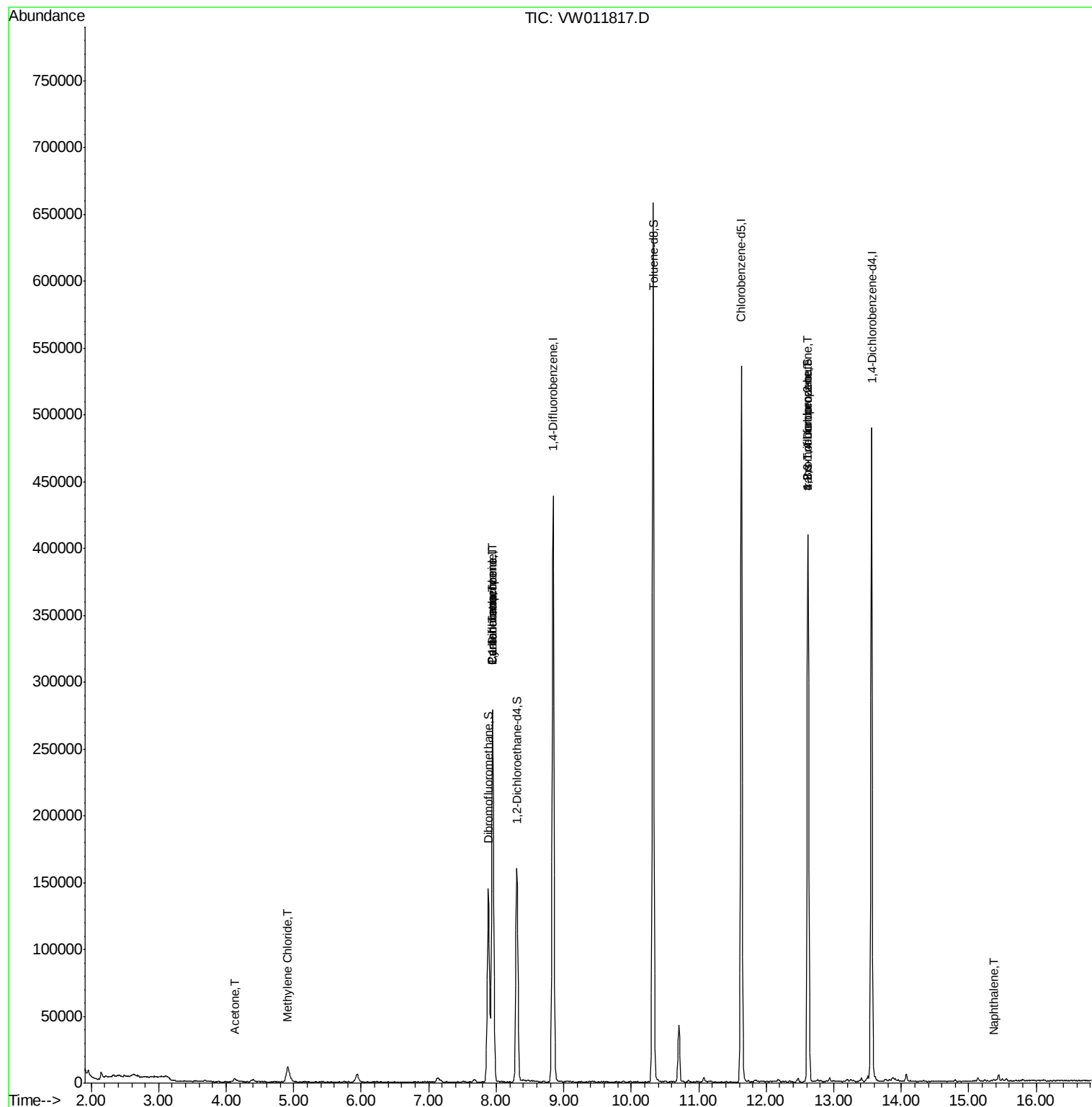
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	345	Below Cal	#	72
16) Acetone	4.12	43	5667	7.705	ug/l	95
20) Methylene Chloride	4.92	84	8228	3.244	ug/l	92
31) Cyclohexane	7.95	56	5141	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17372	4.981	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20316	6.805	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	71933	57.098	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71933	131.592	ug/l #	6
95) Naphthalene	15.36	128	1082	2.287	ug/l	99

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

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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: VW011817.D

Acq: 09 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

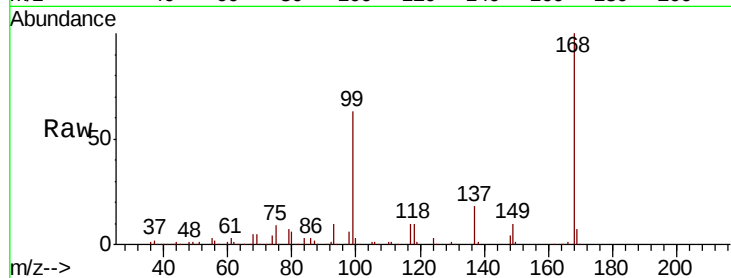
VW0812SBL01

Tgt Ion: 168 Resp: 201365

Ion Ratio Lower Upper

168 100

99 62.6 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

80000

60000

40000

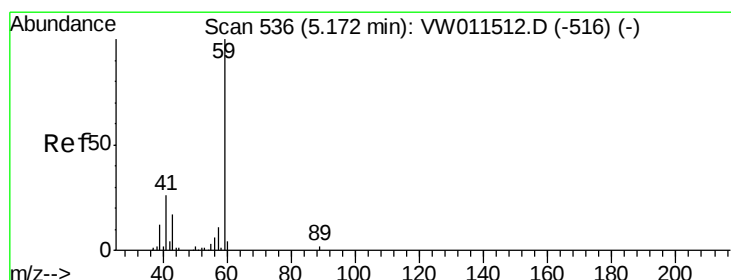
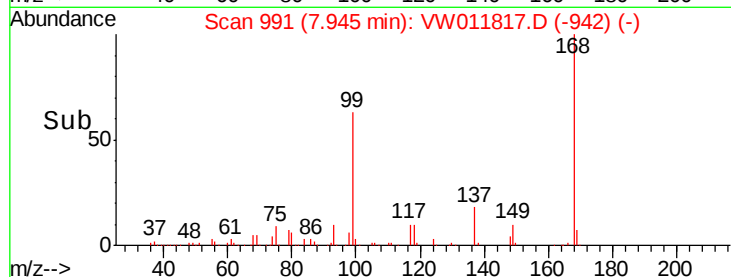
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW011817.D

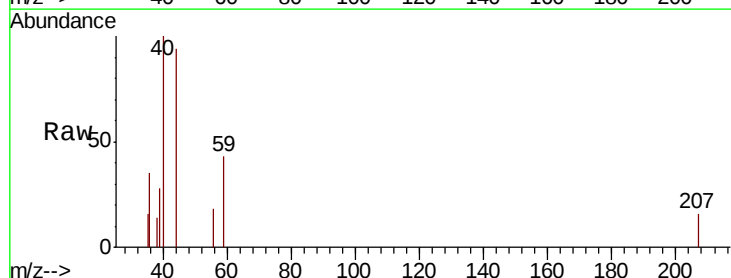
Acq: 09 Aug 2019 17:25

Tgt Ion: 59 Resp: 345

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

5.18

150

100

50

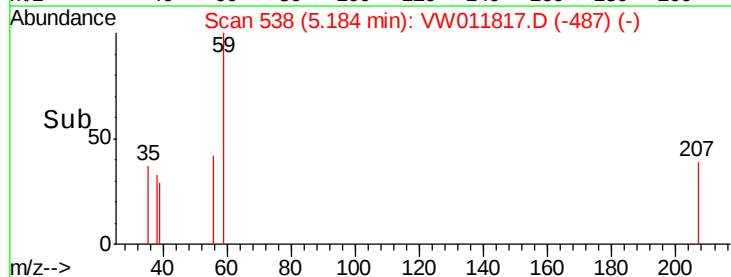
0

5.10

5.15

5.20

Time-->

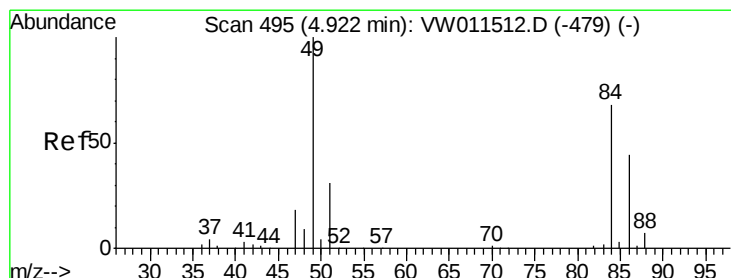
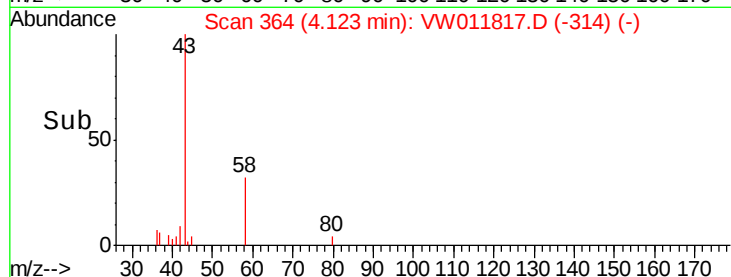
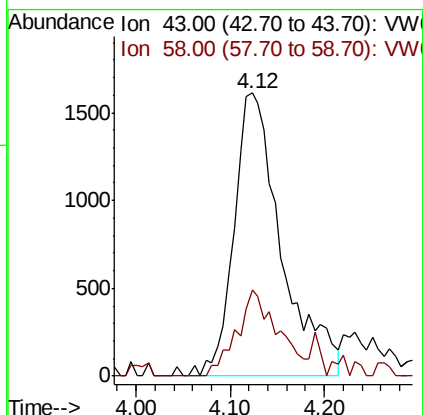
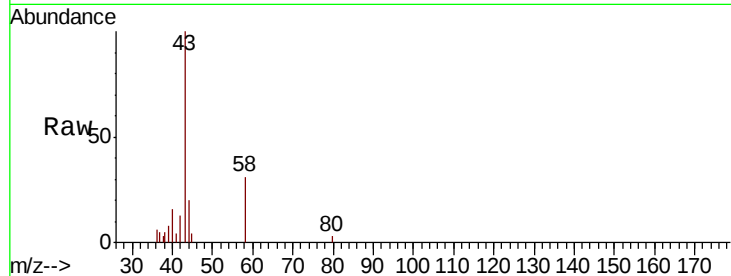




#16
Acetone
Concen: 7.705 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW011817.D
Acq: 09 Aug 2019 17:25

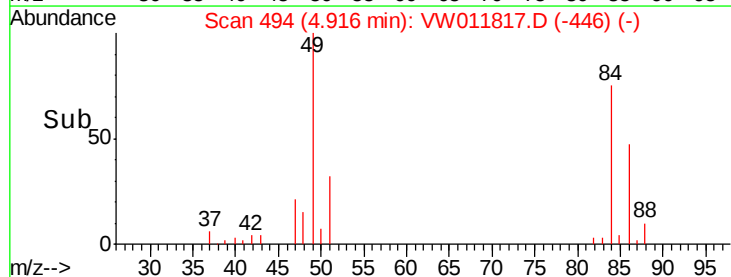
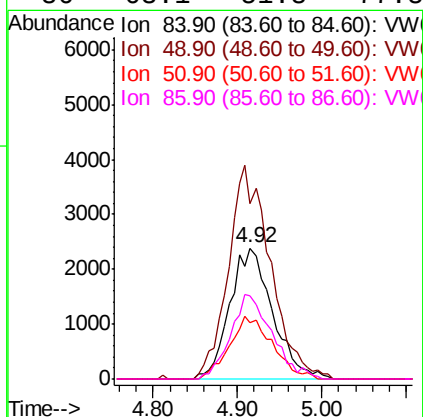
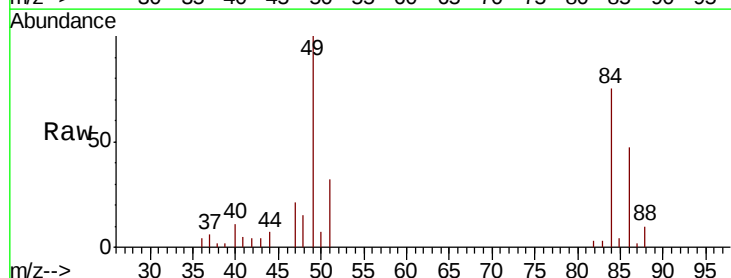
Instrument :
MSVOA_W
ClientSampleId :
VW0812SBL01

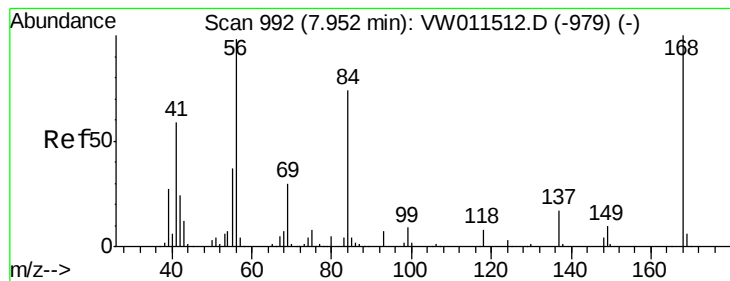
Tgt Ion: 43 Resp: 5667
Ion Ratio Lower Upper
43 100
58 30.6 22.3 33.5



#20
Methylene Chloride
Concen: 3.244 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011817.D
Acq: 09 Aug 2019 17:25

Tgt Ion: 84 Resp: 8228
Ion Ratio Lower Upper
84 100
49 133.8 117.8 176.6
51 42.5 37.0 55.4
86 63.1 51.8 77.8





#31

Cyclohexane

Concen: 1.189 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011817.D

Acq: 09 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBL01

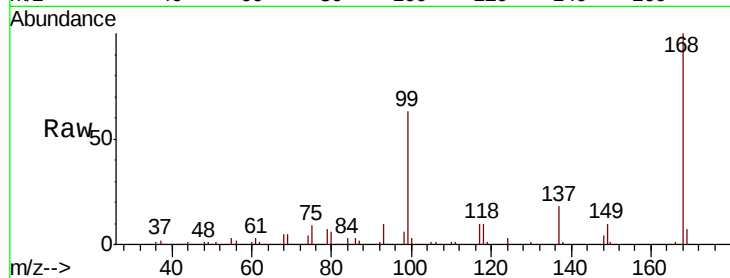
Tgt Ion: 56 Resp: 5141

Ion Ratio Lower Upper

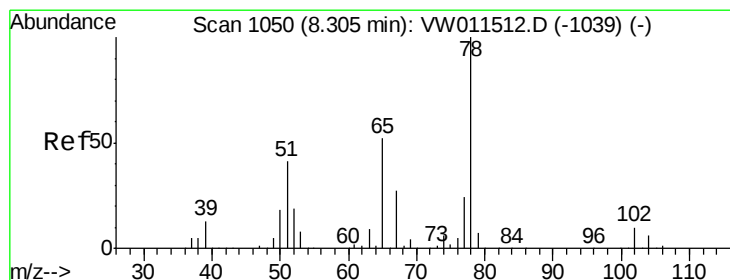
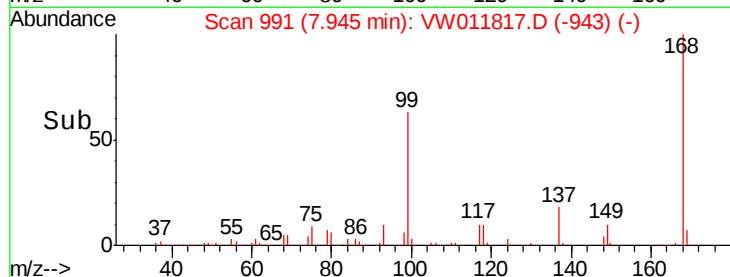
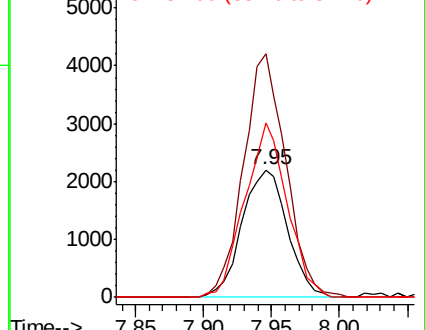
56 100

69 190.6 24.3 36.5#

84 136.7 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: 55.132 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011817.D

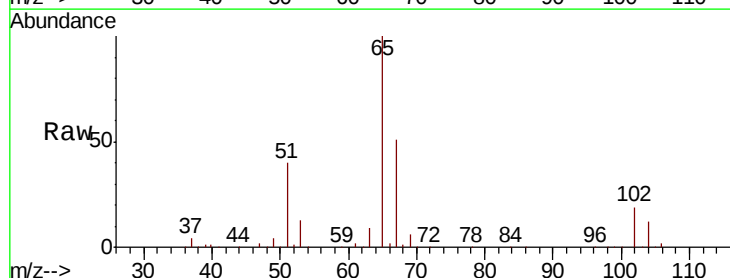
Acq: 09 Aug 2019 17:25

Tgt Ion: 65 Resp: 127479

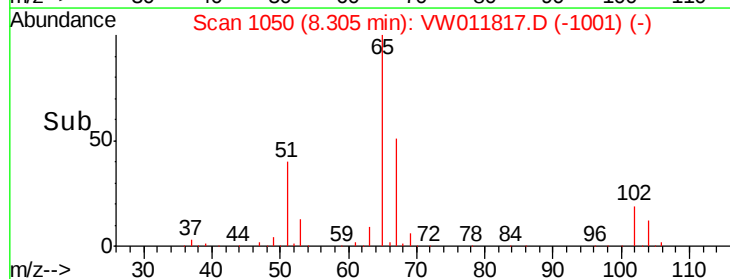
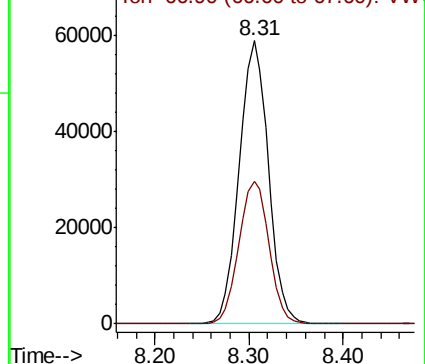
Ion Ratio Lower Upper

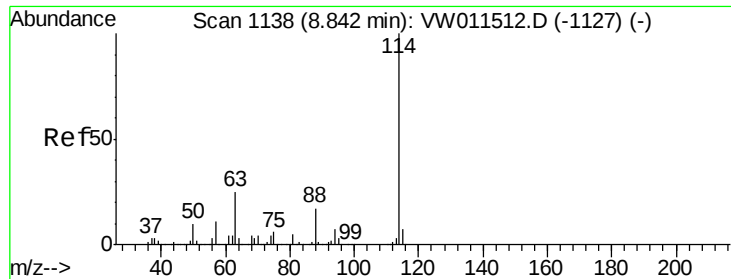
65 100

67 52.0 0.0 105.2



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

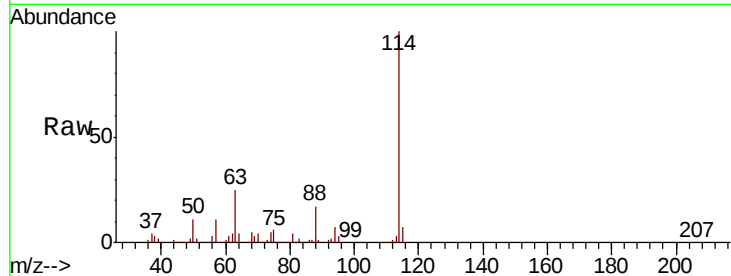




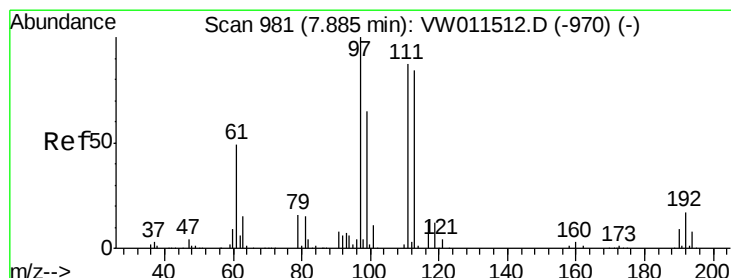
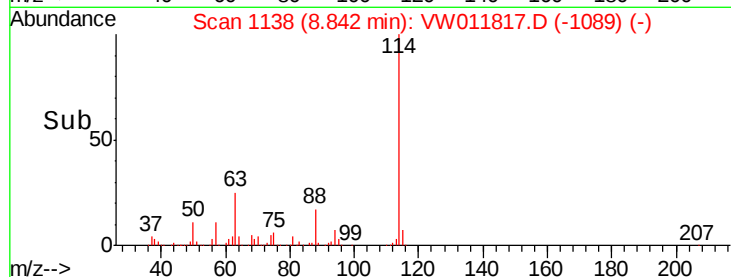
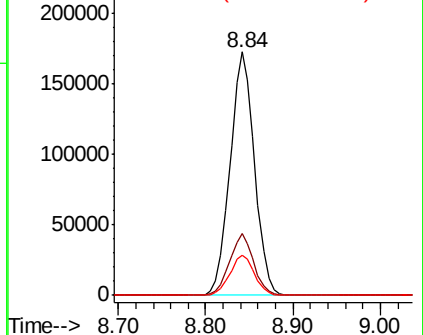
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011817.D
 Acq: 09 Aug 2019 17:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBL01

Tgt Ion:114 Resp: 335389
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.7 0.0 33.8

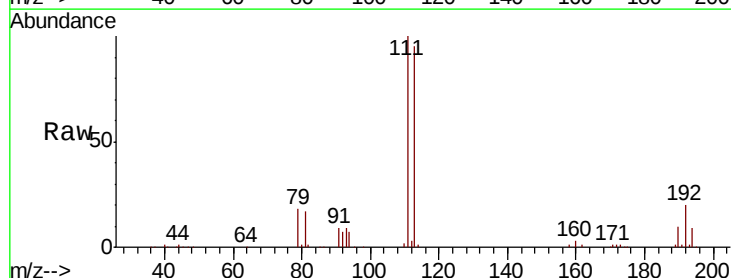


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

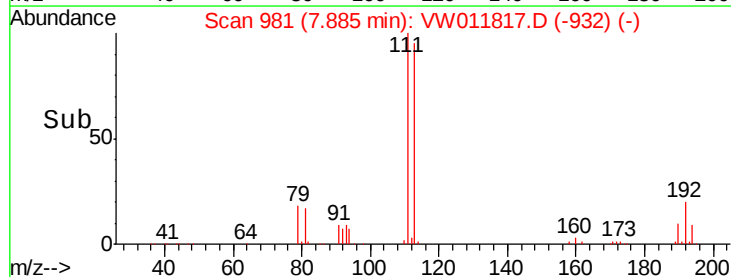
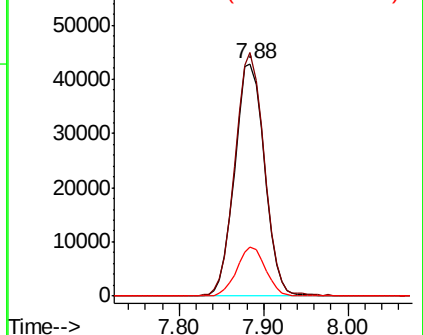


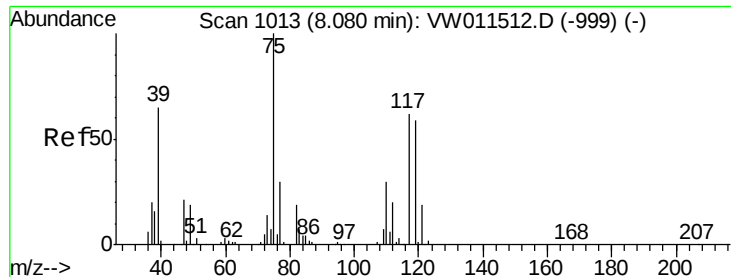
#35
 Dibromofluoromethane
 Concen: 54.531 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011817.D
 Acq: 09 Aug 2019 17:25

Tgt Ion:113 Resp: 102605
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 20.1 16.1 24.1



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

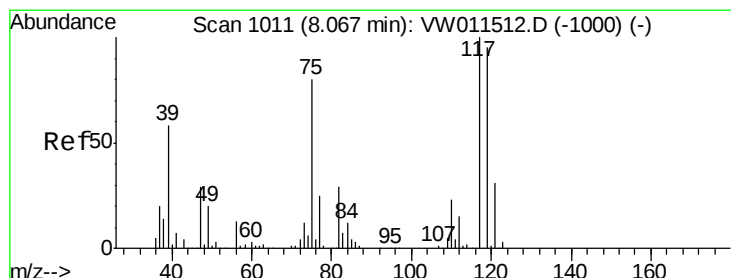
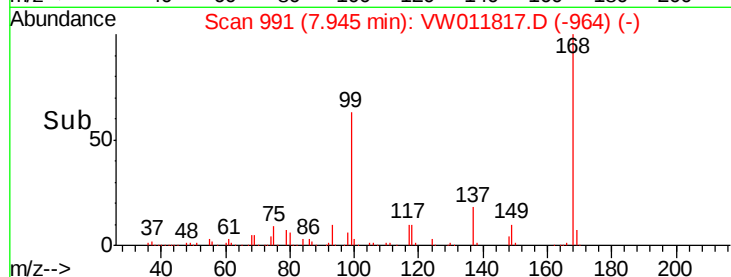
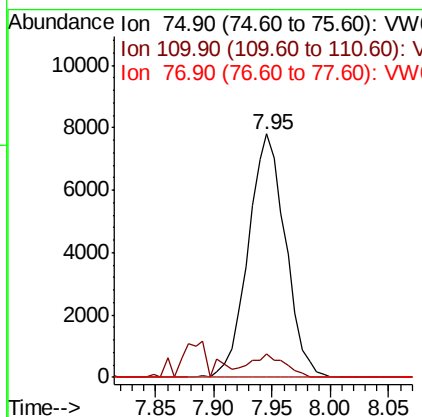
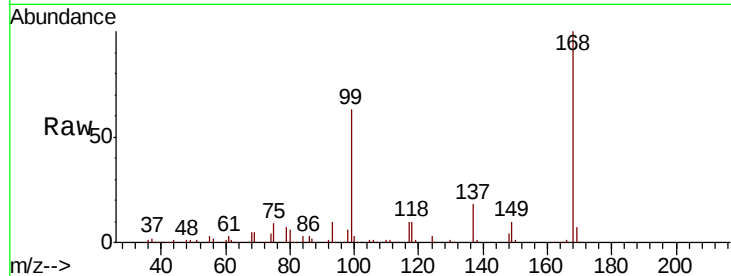




#36
 1,1-Dichloropropene
 Concen: 4.981 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011817.D
 Acq: 09 Aug 2019 17:25

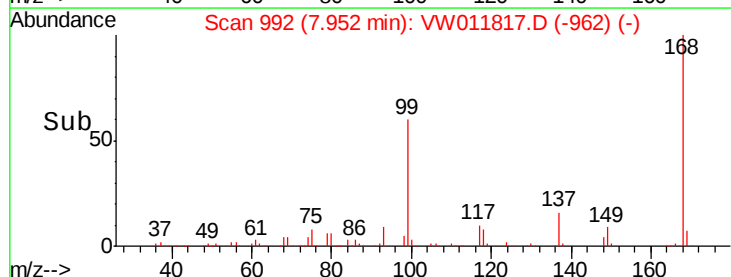
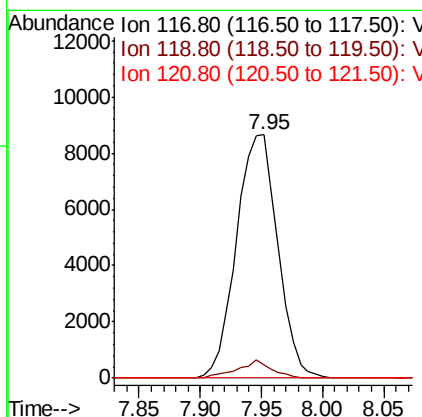
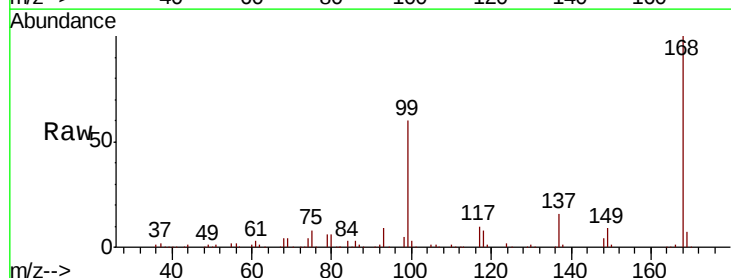
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBL01

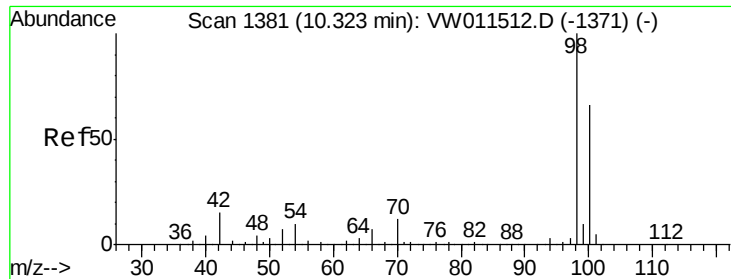
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.805 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW011817.D
 Acq: 09 Aug 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 53.583 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011817.D

Acq: 09 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

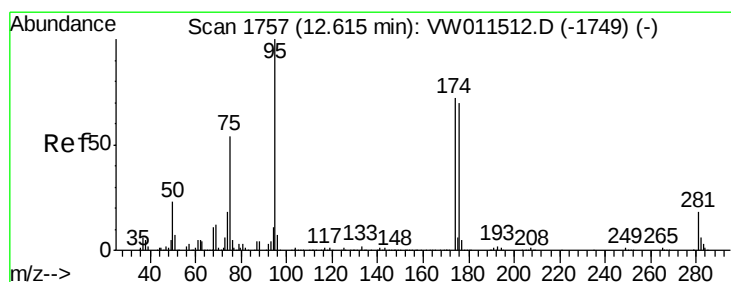
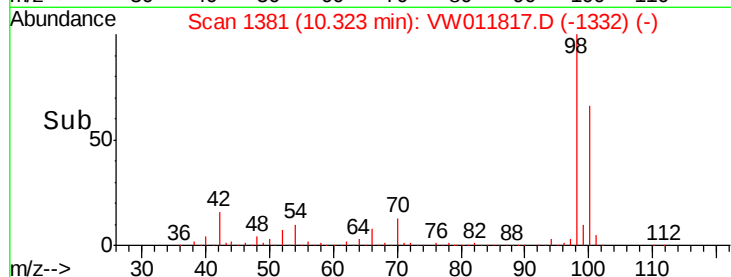
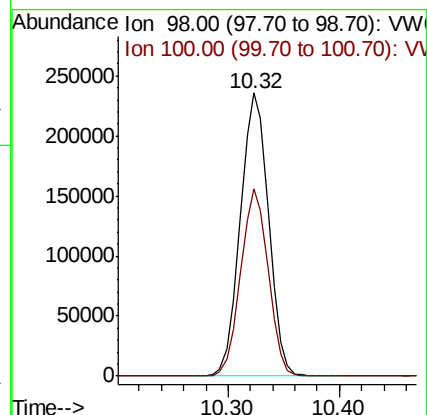
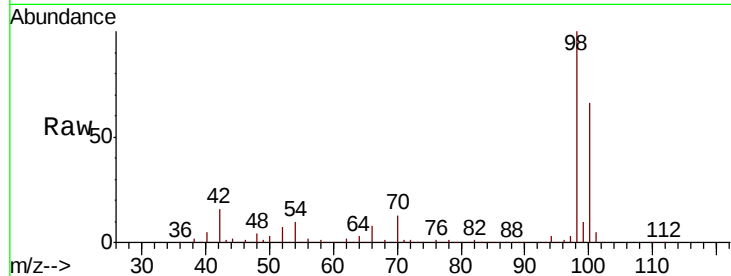
VW0812SBL01

Tgt Ion: 98 Resp: 412791

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.781 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011817.D

Acq: 09 Aug 2019 17:25

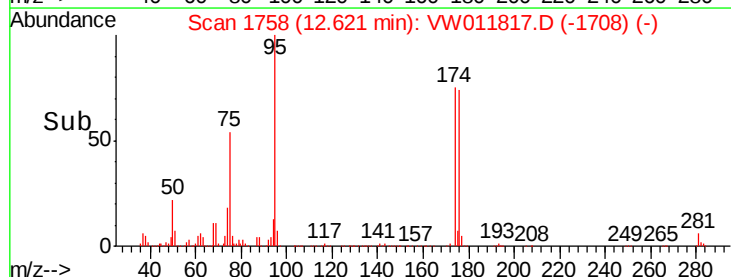
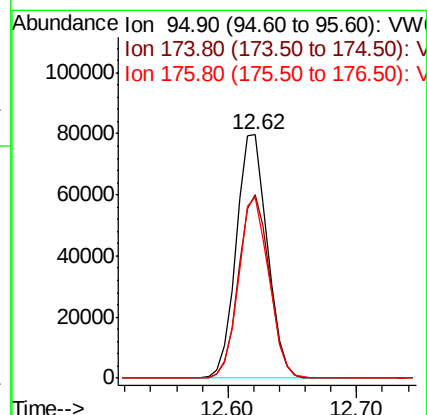
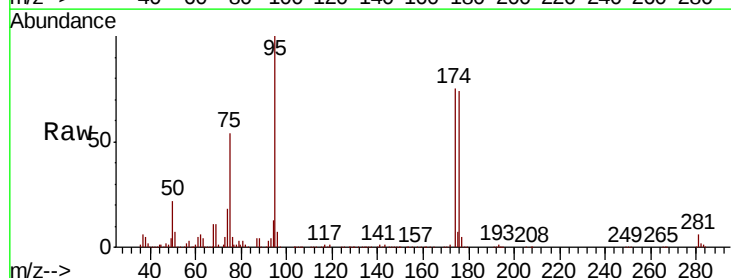
Tgt Ion: 95 Resp: 133980

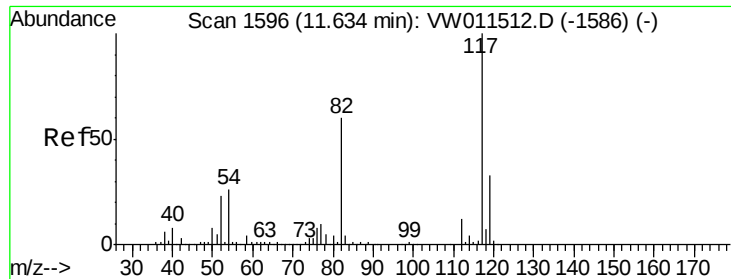
Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.2

176 72.2 0.0 144.4

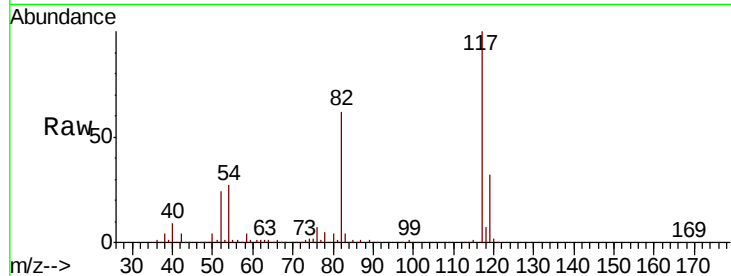




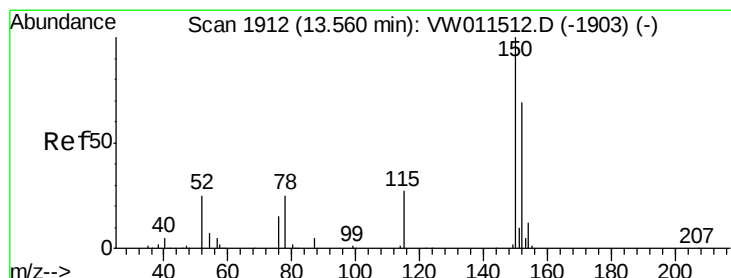
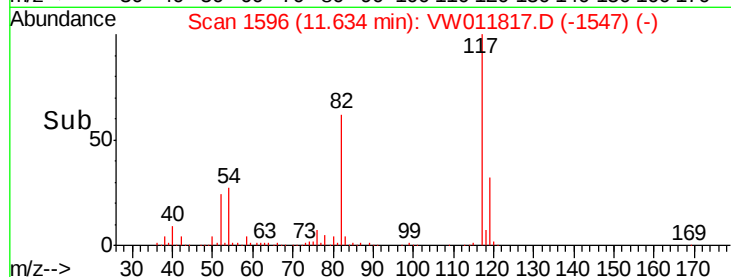
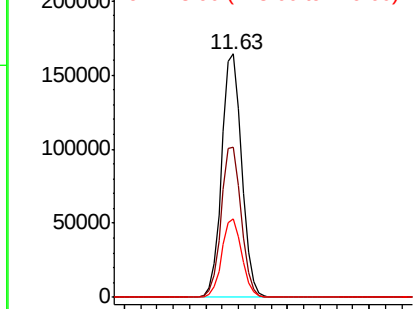
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011817.D
Acq: 09 Aug 2019 17:25

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBL01

Tgt Ion:117 Resp: 280161
Ion Ratio Lower Upper
117 100
82 61.7 47.9 71.9
119 32.1 26.2 39.2

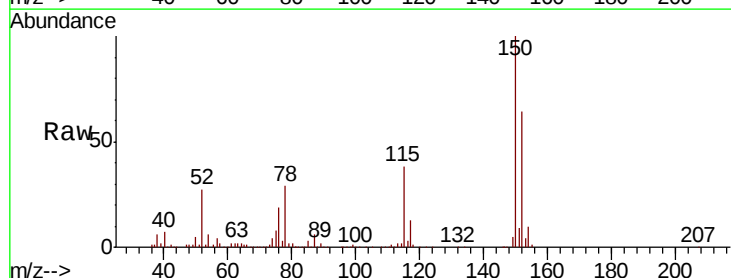


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

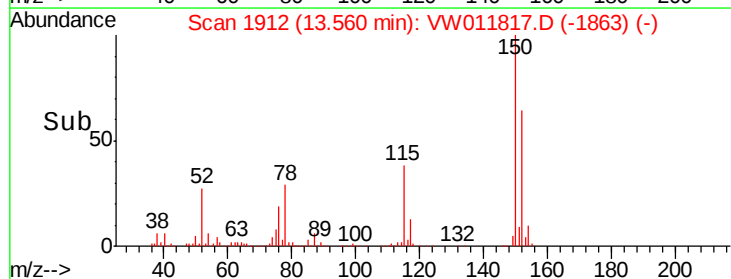
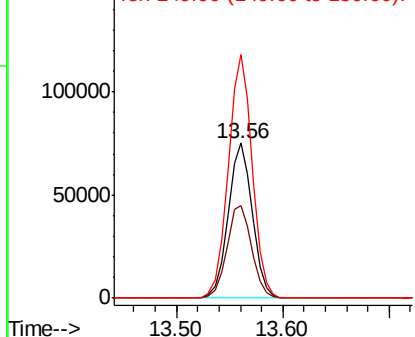


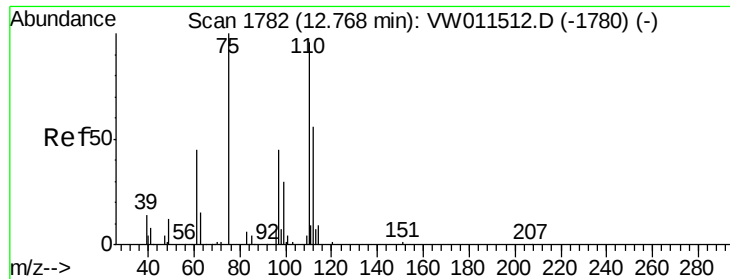
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011817.D
Acq: 09 Aug 2019 17:25

Tgt Ion:152 Resp: 119062
Ion Ratio Lower Upper
152 100
115 61.1 30.5 91.5
150 155.6 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: 57.098 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011817.D

Acq: 09 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

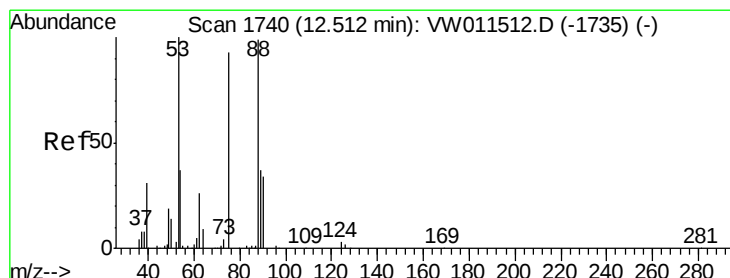
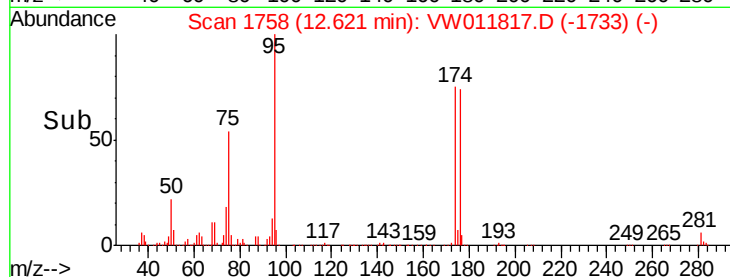
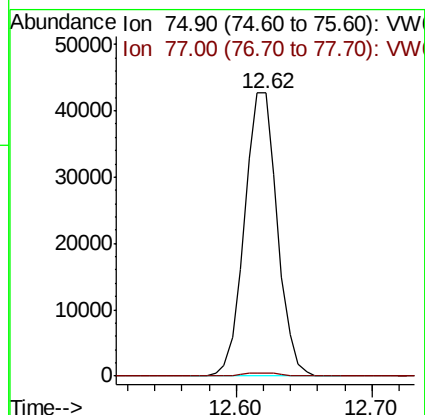
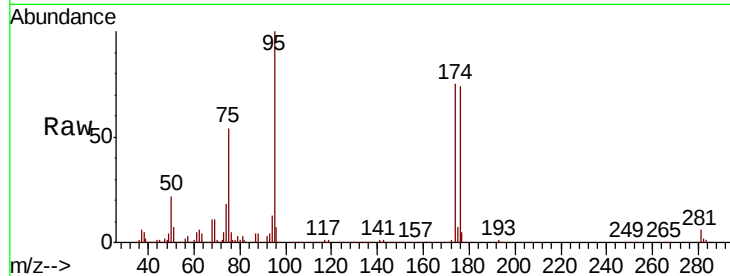
VW0812SBL01

Tgt Ion: 75 Resp: 71933

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 131.592 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011817.D

Acq: 09 Aug 2019 17:25

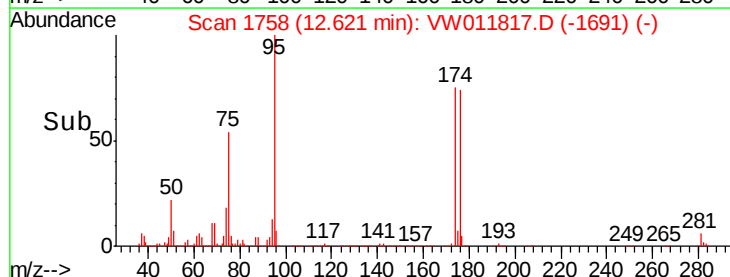
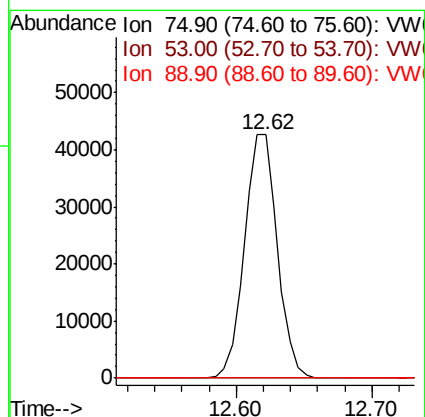
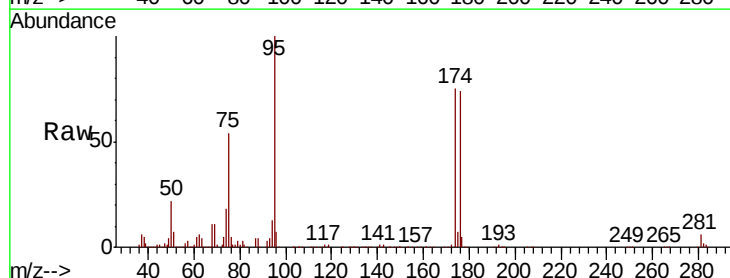
Tgt Ion: 75 Resp: 71933

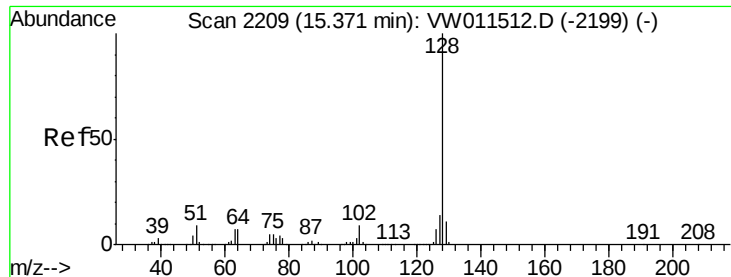
Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.287 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011817.D

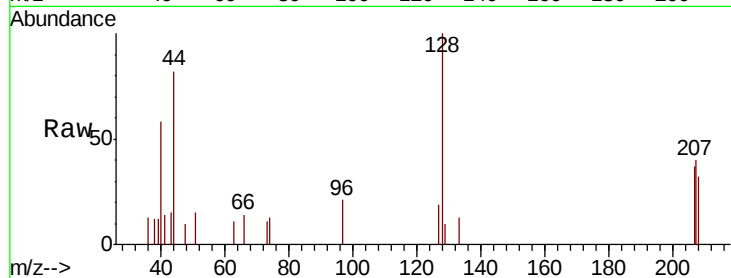
Acq: 09 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBL01



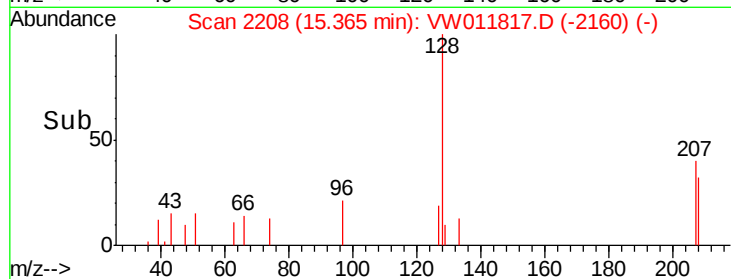
Tgt Ion:128 Resp: 1082

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.0 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

