

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
 Data File : VW011952.D
 Acq On : 16 Aug 2019 09:33
 Operator : SY/VA
 Sample : VW0817SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBL01

Quant Time: Aug 17 04:56:39 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	214982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128235	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	135599	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
35) Dibromofluoromethane	7.88	113	109776	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
50) Toluene-d8	10.32	98	439072	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.62	95	143854	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	

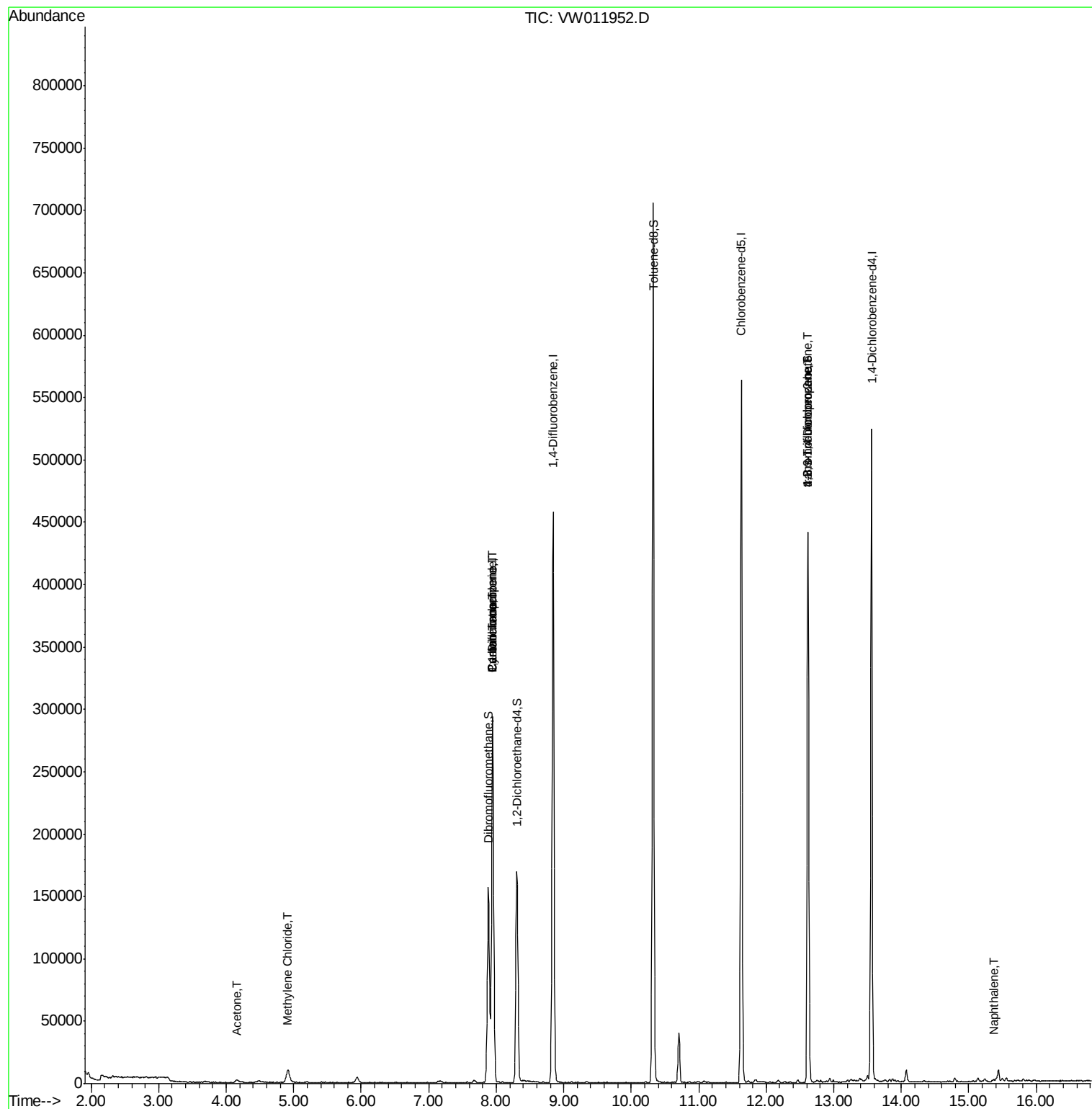
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	155	Below Cal	#	72
16) Acetone	4.15	43	4433	5.645	ug/l	92
20) Methylene Chloride	4.92	84	7567	2.794	ug/l #	86
31) Cyclohexane	7.94	56	5677	1.230	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	18766	5.020	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21503	6.719	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	77087	56.812	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77087	130.932	ug/l #	6
95) Naphthalene	15.37	128	1513	2.352	ug/l	96

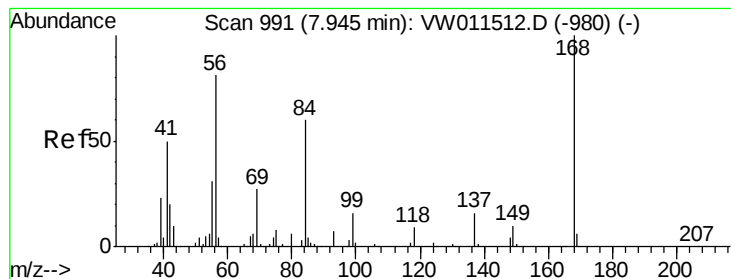
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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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: VW011952.D

Acq: 16 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

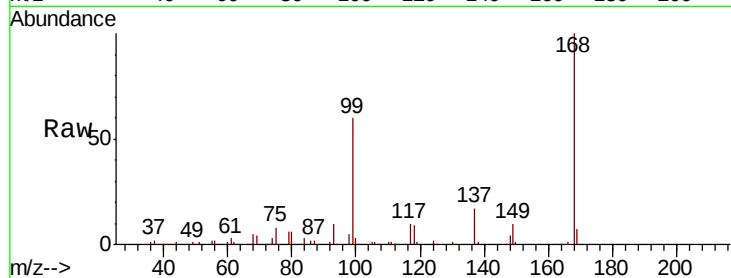
VW0817SBL01

Tgt Ion: 168 Resp: 214982

Ion Ratio Lower Upper

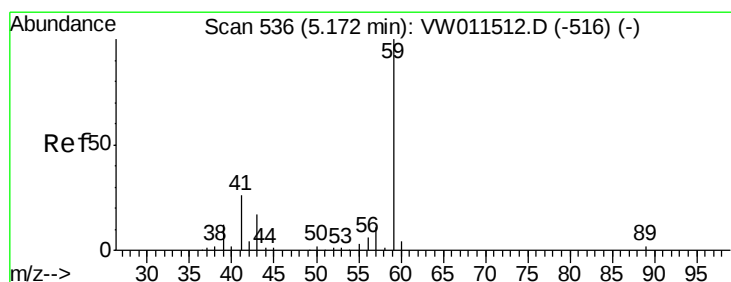
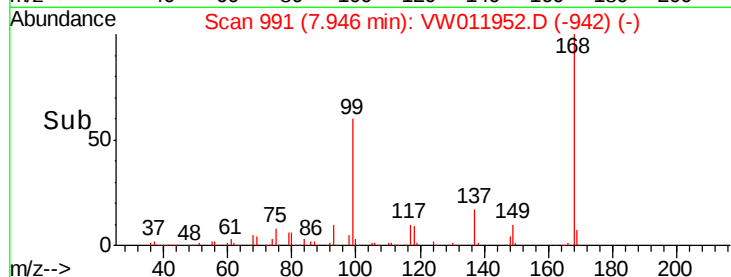
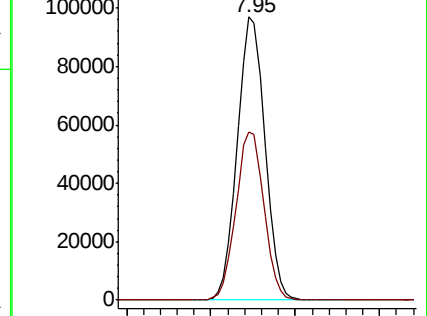
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW011952.D

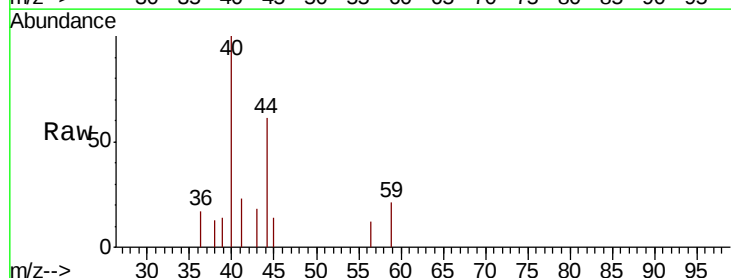
Acq: 16 Aug 2019 09:33

Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

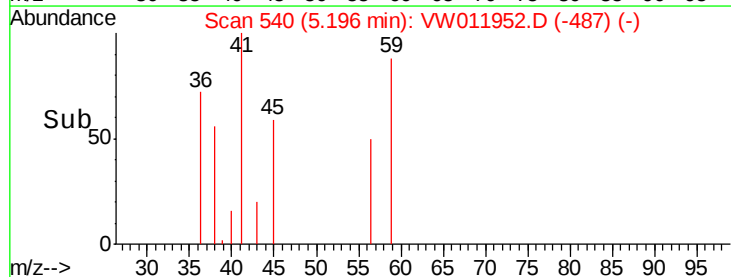
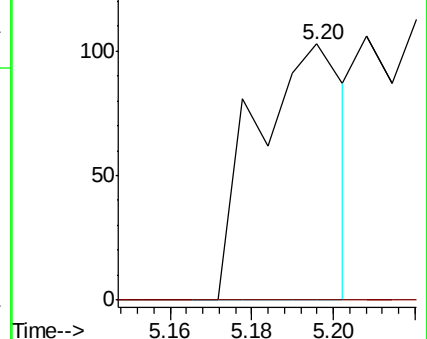
59 100

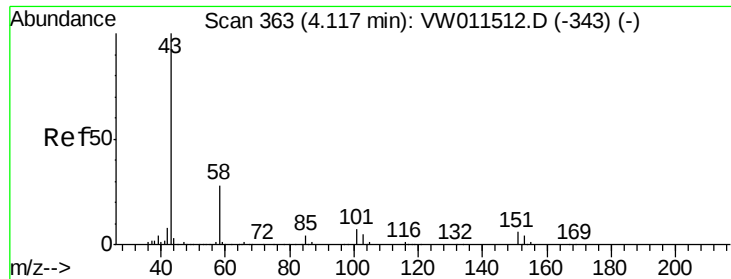
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

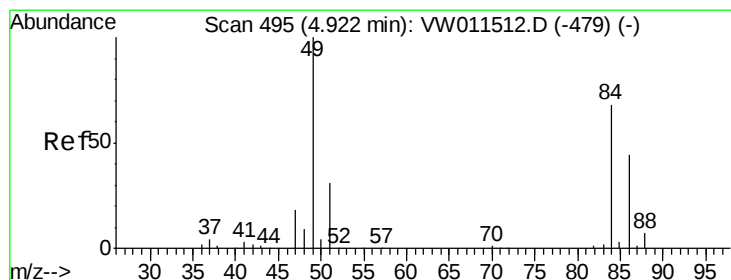
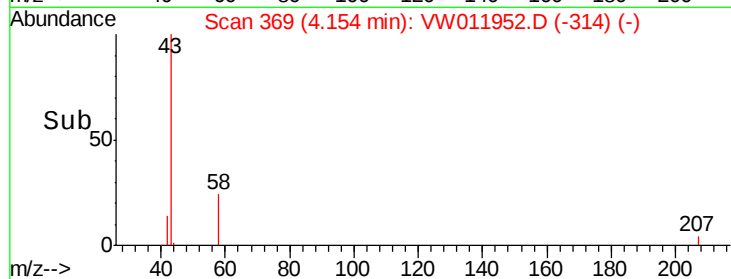
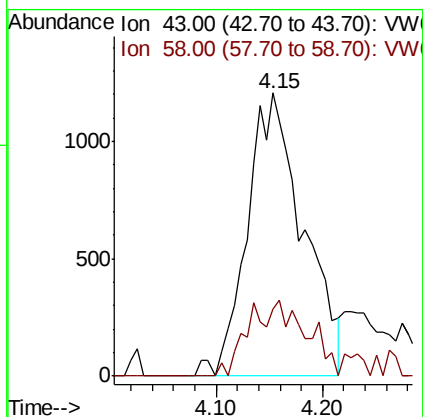
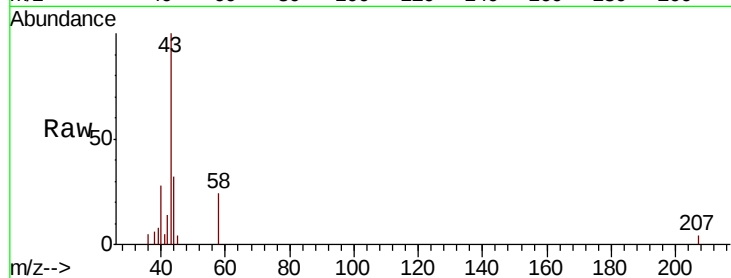




#16
Acetone
Concen: 5.645 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.04 min
Lab File: VW011952.D
Acq: 16 Aug 2019 09:33

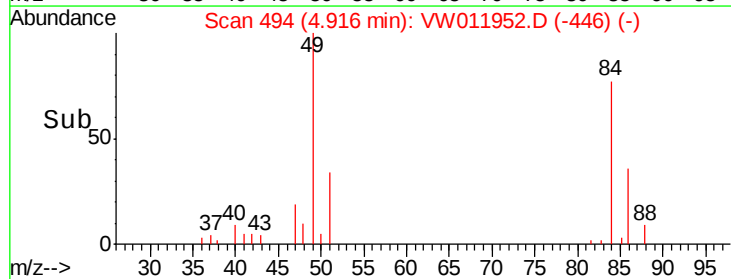
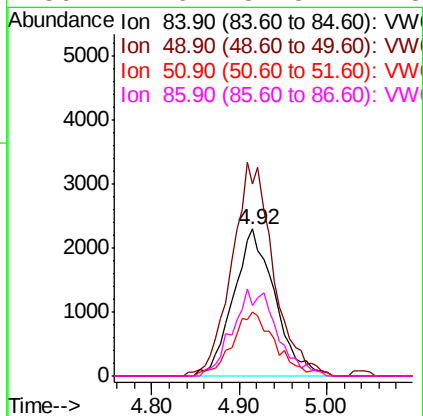
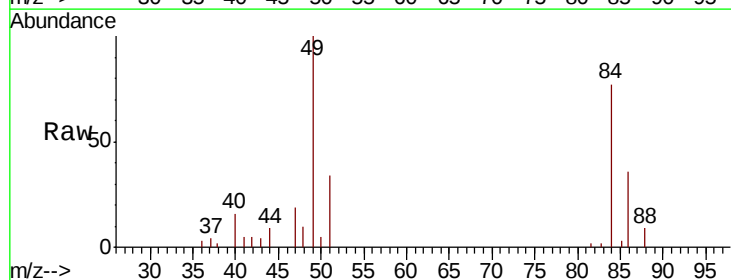
Instrument :
MSVOA_W
ClientSampleId :
VW0817SBL01

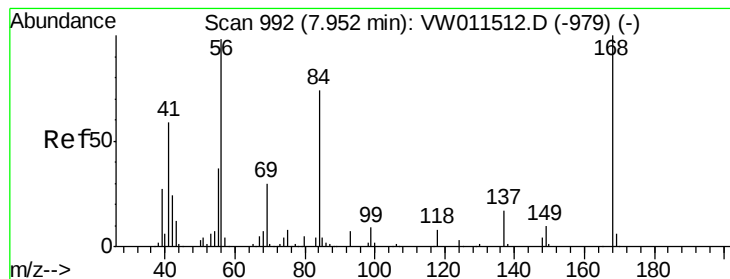
Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
58 23.8 22.3 33.5



#20
Methylene Chloride
Concen: 2.794 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011952.D
Acq: 16 Aug 2019 09:33

Tgt Ion: 84 Resp: 7567
Ion Ratio Lower Upper
84 100
49 130.5 117.8 176.6
51 44.1 37.0 55.4
86 47.6 51.8 77.8#





#31

Cyclohexane

Concen: 1.230 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011952.D

Acq: 16 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBL01

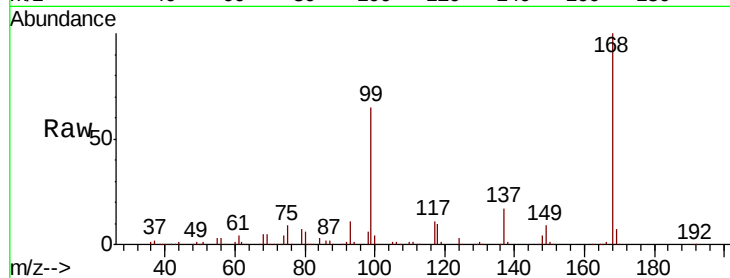
Tgt Ion: 56 Resp: 5677

Ion Ratio Lower Upper

56 100

69 156.2 24.3 36.5#

84 113.2 60.4 90.6#

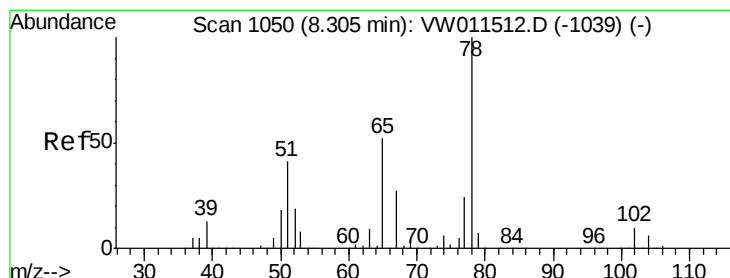
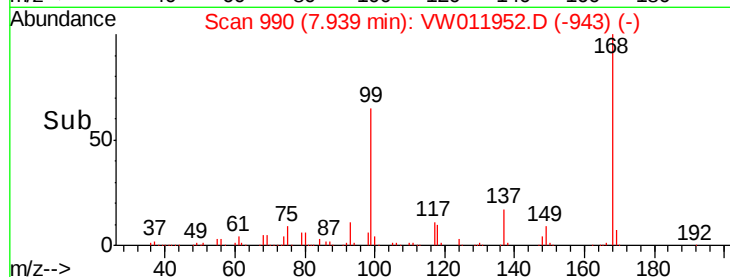
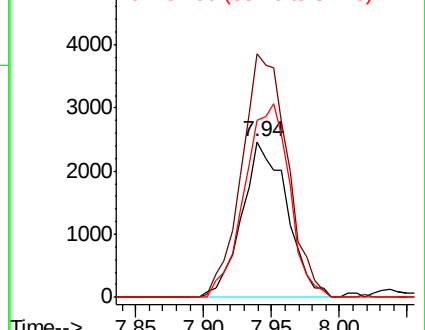


Abundance

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: 54.930 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011952.D

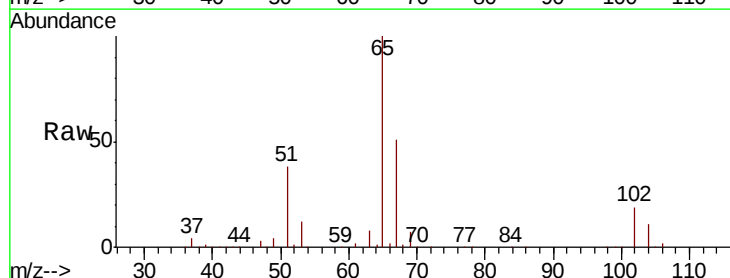
Acq: 16 Aug 2019 09:33

Tgt Ion: 65 Resp: 135599

Ion Ratio Lower Upper

65 100

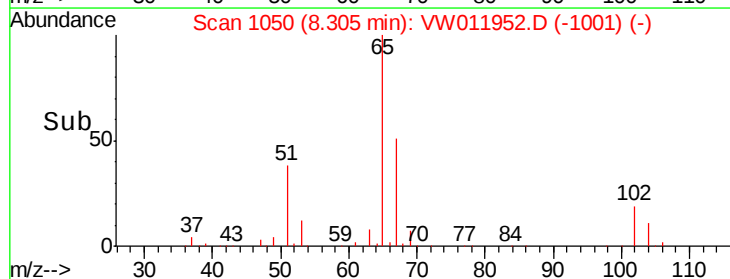
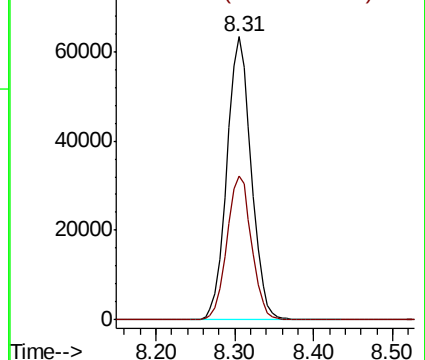
67 51.6 0.0 105.2

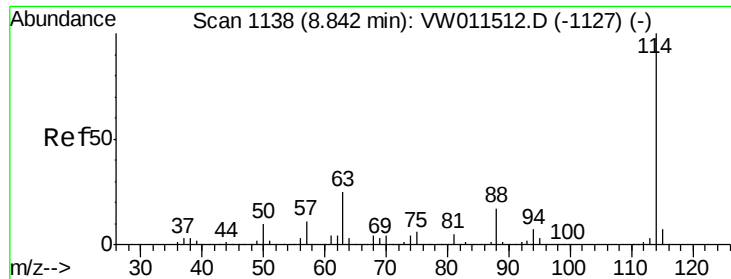


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

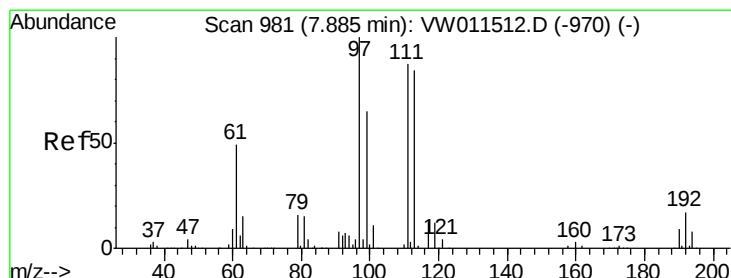
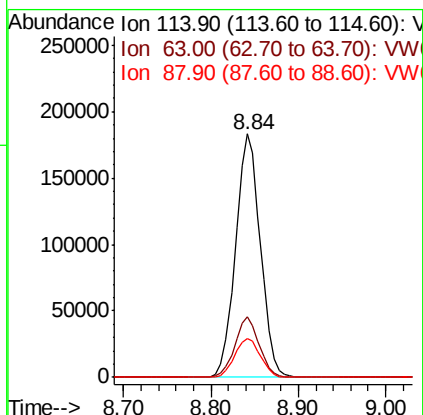
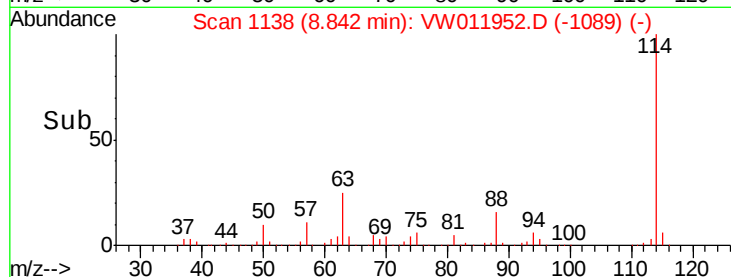
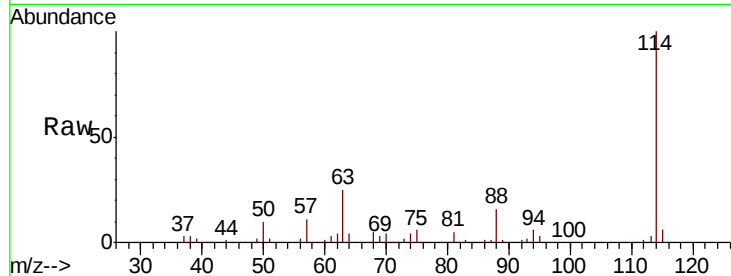




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011952.D
 Acq: 16 Aug 2019 09:33

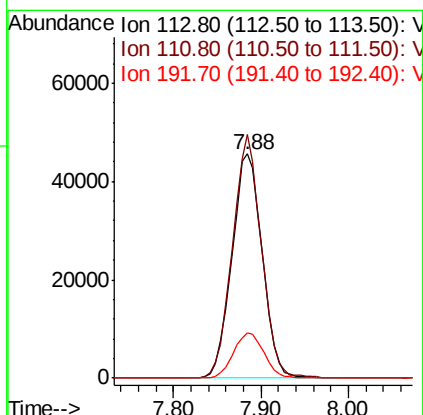
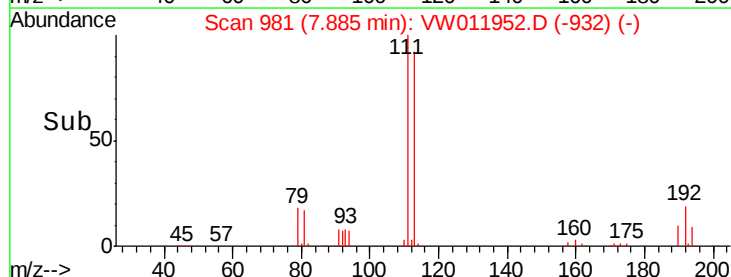
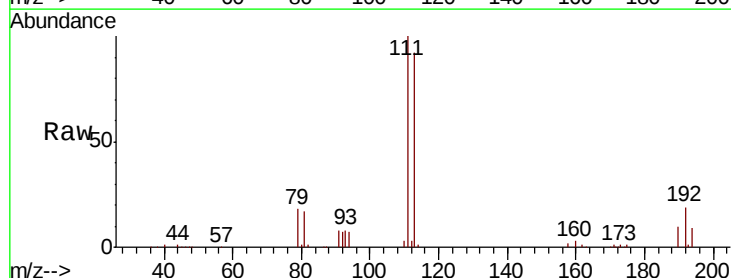
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBL01

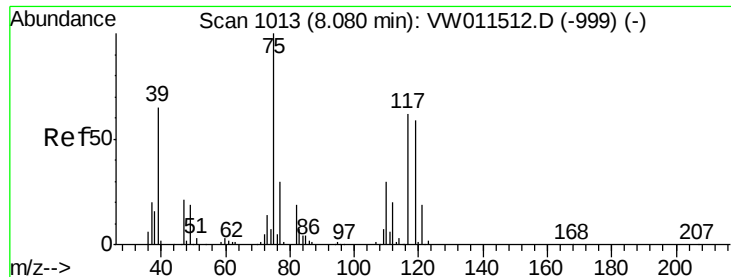
Tgt Ion:114 Resp: 359544
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.1 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 54.423 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011952.D
 Acq: 16 Aug 2019 09:33

Tgt Ion:113 Resp: 109776
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.7 124.1
 192 20.3 16.1 24.1

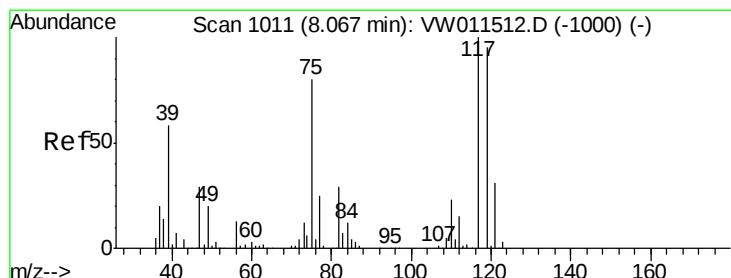
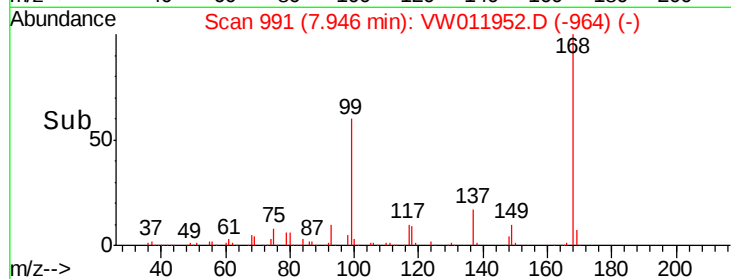
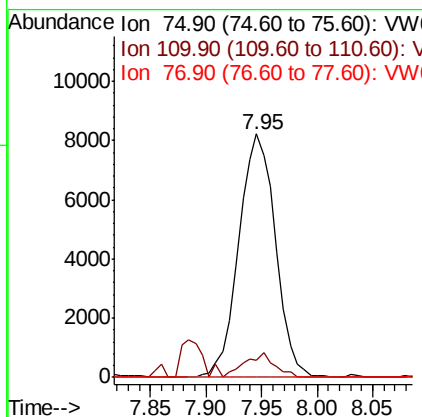
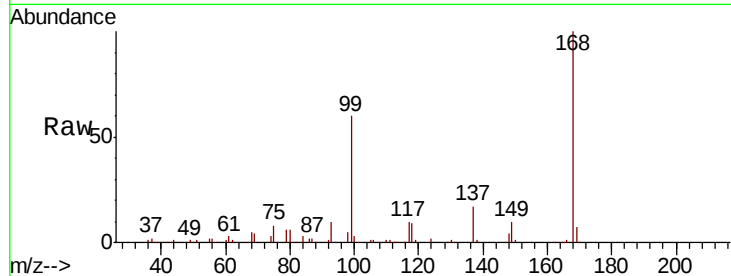




#36
 1,1-Dichloropropene
 Concen: 5.020 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011952.D
 Acq: 16 Aug 2019 09:33

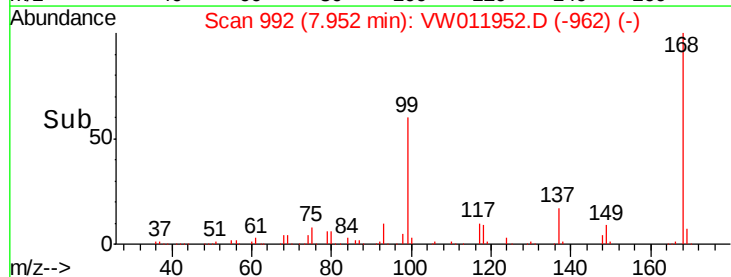
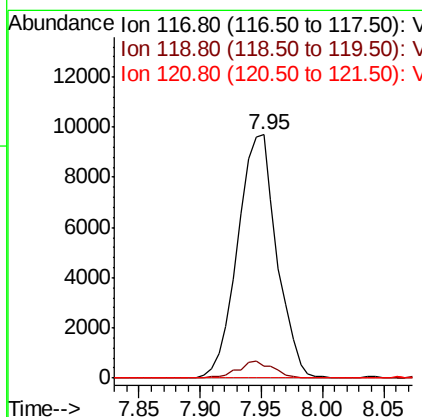
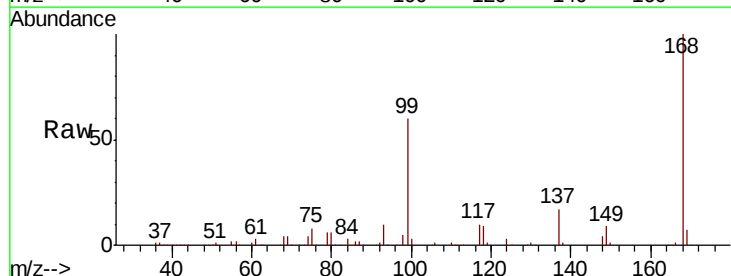
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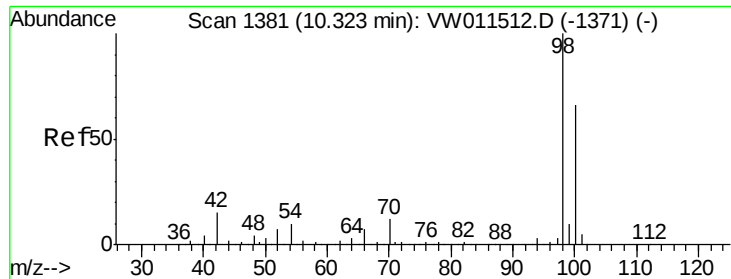
Tgt Ion: 75 Resp: 18766
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.719 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW011952.D
 Acq: 16 Aug 2019 09:33

Tgt Ion: 117 Resp: 21503
 Ion Ratio Lower Upper
 117 100
 119 4.9 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.165 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011952.D

Acq: 16 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

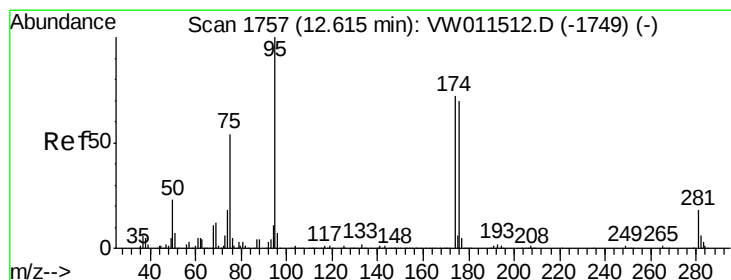
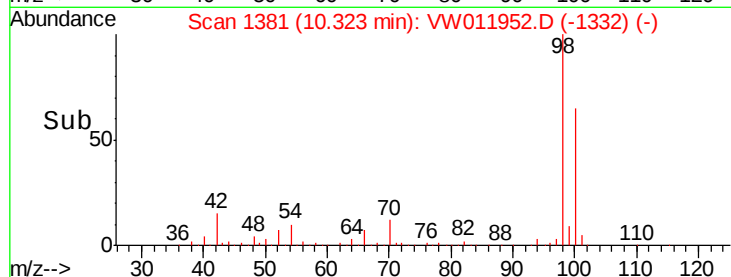
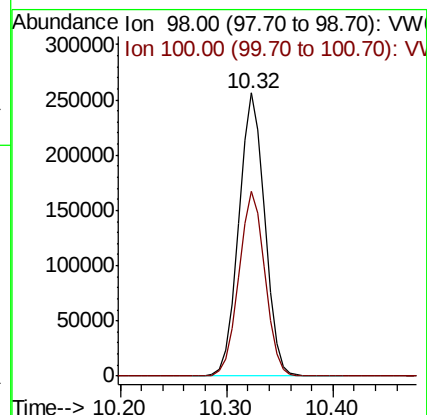
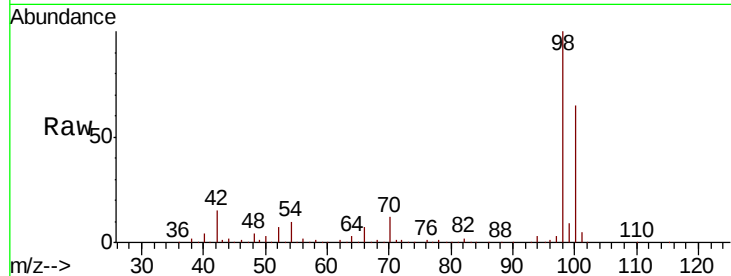
VW0817SBL01

Tgt Ion: 98 Resp: 439072

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 48.857 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011952.D

Acq: 16 Aug 2019 09:33

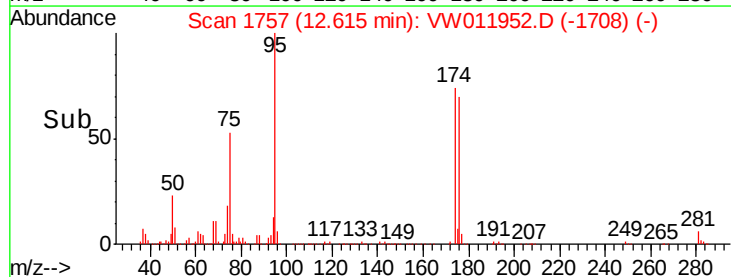
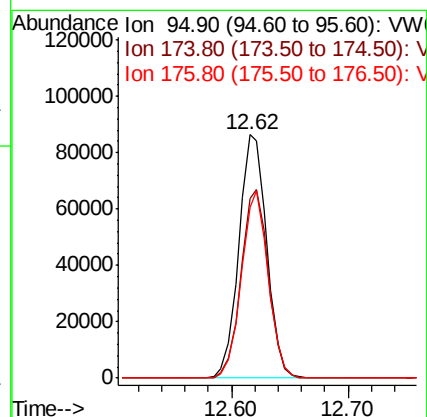
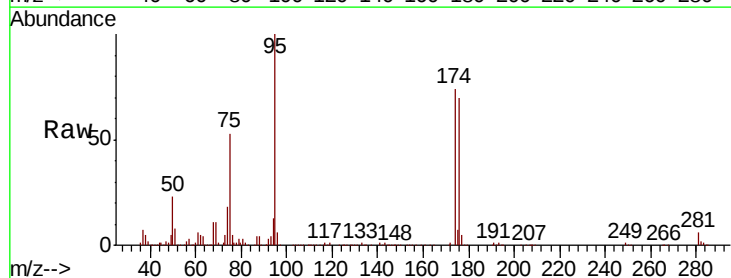
Tgt Ion: 95 Resp: 143854

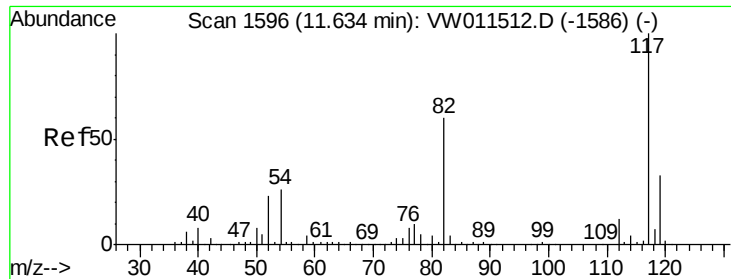
Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

176 73.9 0.0 144.4

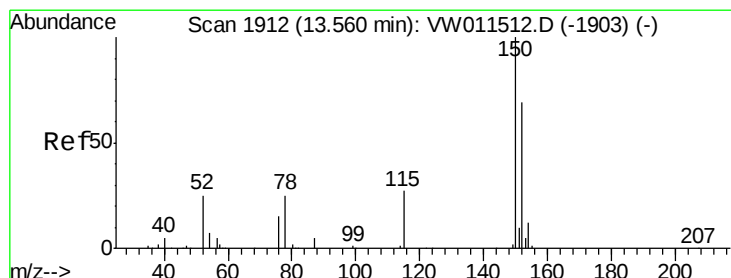
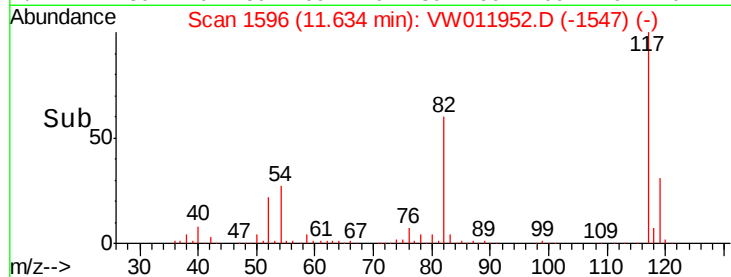
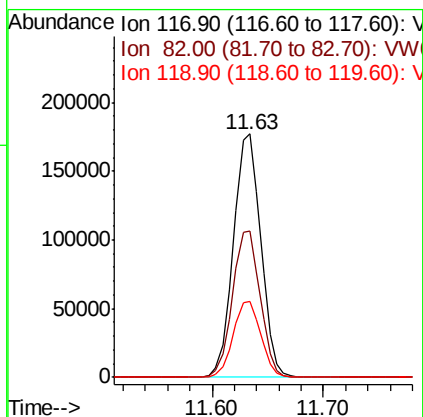
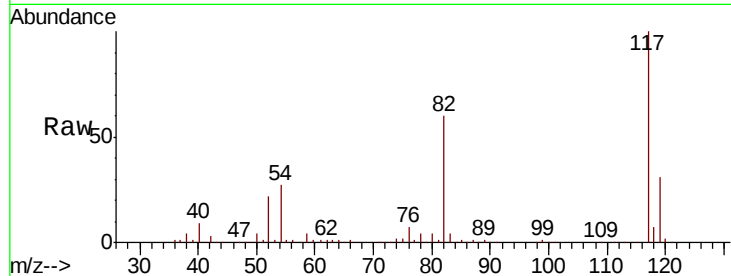




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011952.D
Acq: 16 Aug 2019 09:33

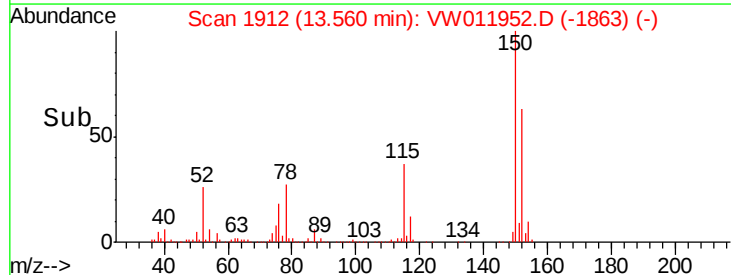
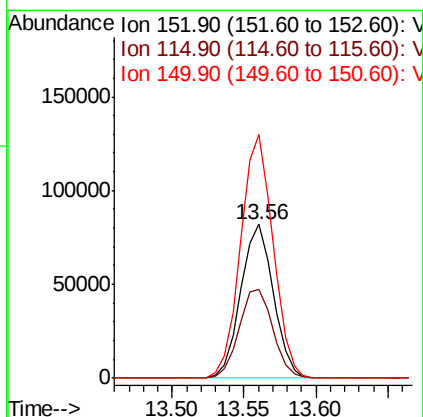
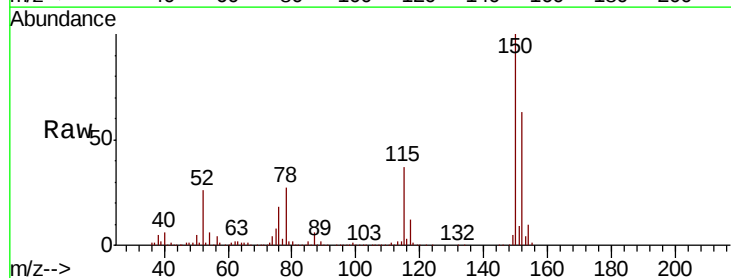
Instrument :
MSVOA_W
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VW0817SBL01

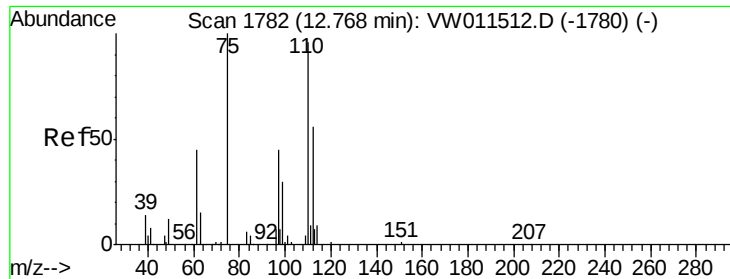
Tgt Ion:117 Resp: 301706
Ion Ratio Lower Upper
117 100
82 60.2 47.9 71.9
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011952.D
Acq: 16 Aug 2019 09:33

Tgt Ion:152 Resp: 128235
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 158.1 0.0 352.6

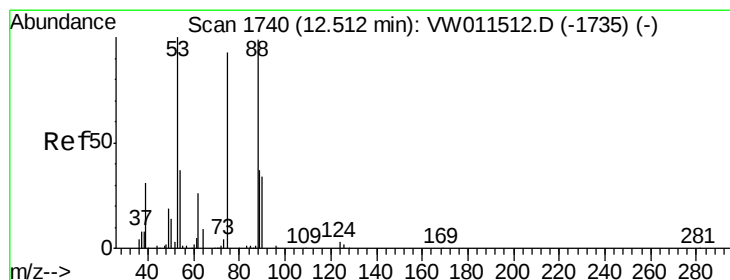
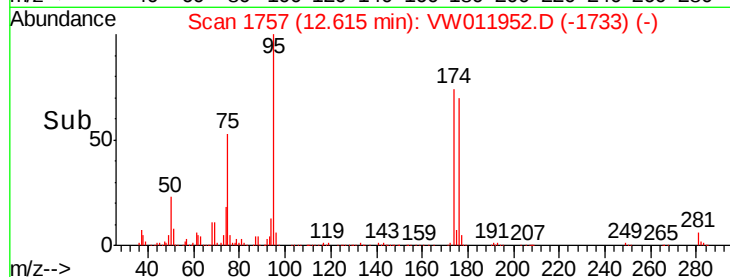
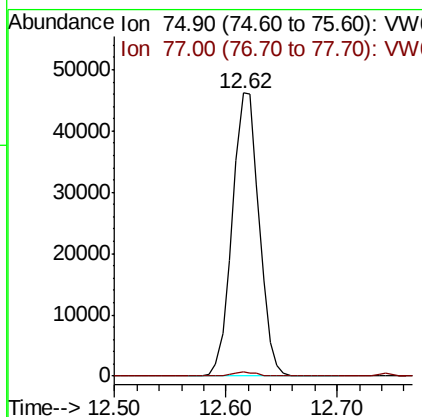
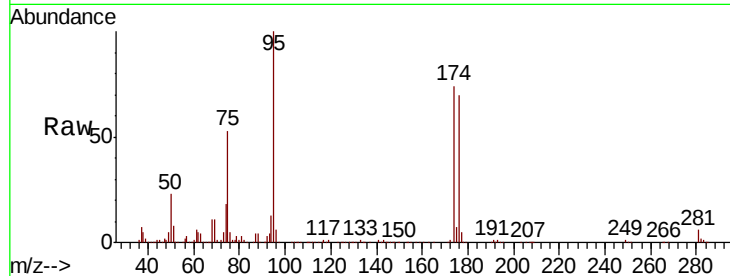




#76
 1,2,3-Trichloropropane
 Concen: 56.812 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011952.D
 Acq: 16 Aug 2019 09:33

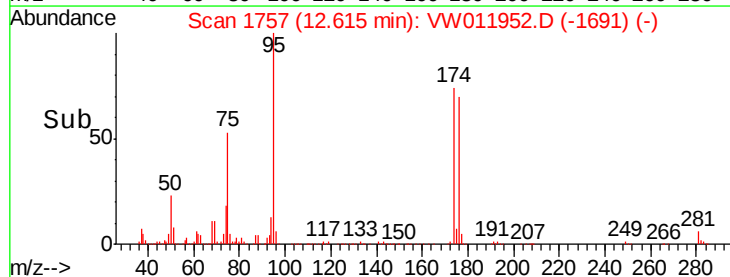
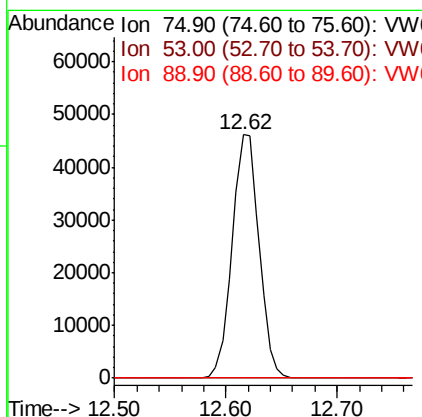
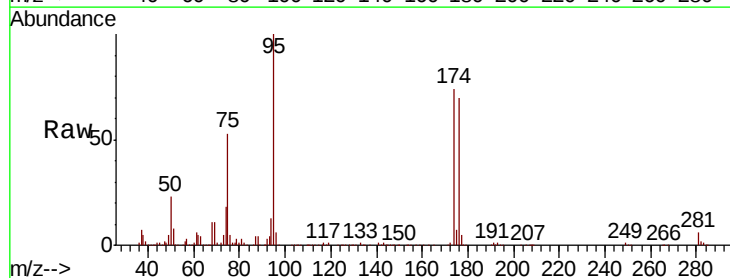
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0817SBL01

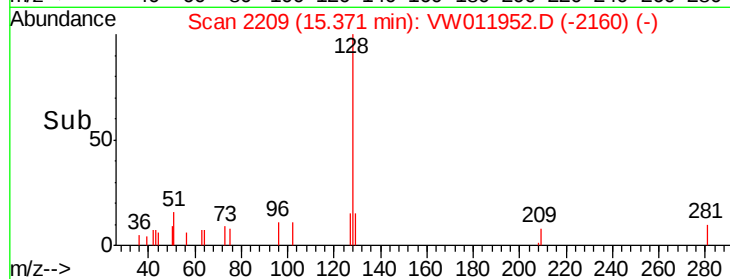
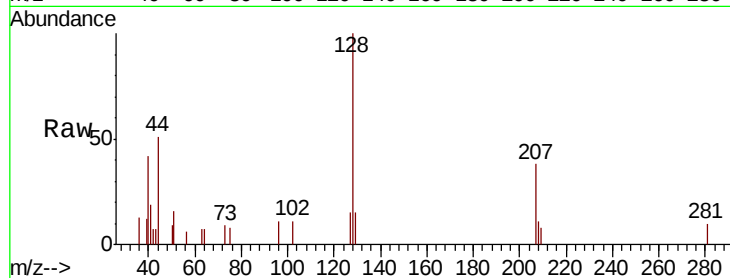
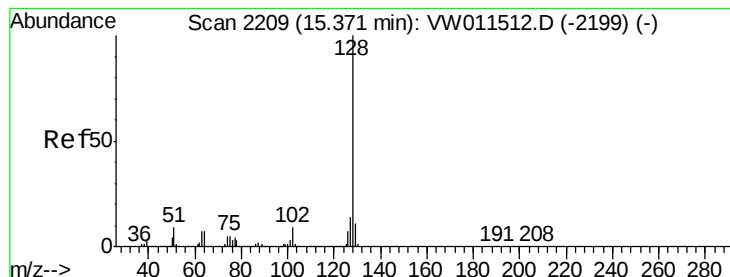
Tgt Ion: 75 Resp: 77087
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.932 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011952.D
 Acq: 16 Aug 2019 09:33

Tgt Ion: 75 Resp: 77087
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.0 132.0#
 89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.352 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011952.D

Acq: 16 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

VW0817SBL01

Tgt Ion:128 Resp: 1513

Ion Ratio Lower Upper

128 100

127 11.9 10.6 16.0

129 9.2 8.6 13.0

