

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016196.D
 Acq On : 14 Aug 2020 16:59
 Operator : SY/VA
 Sample : L3645-02
 Misc : 4.56G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3

Quant Time: Aug 17 08:52:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

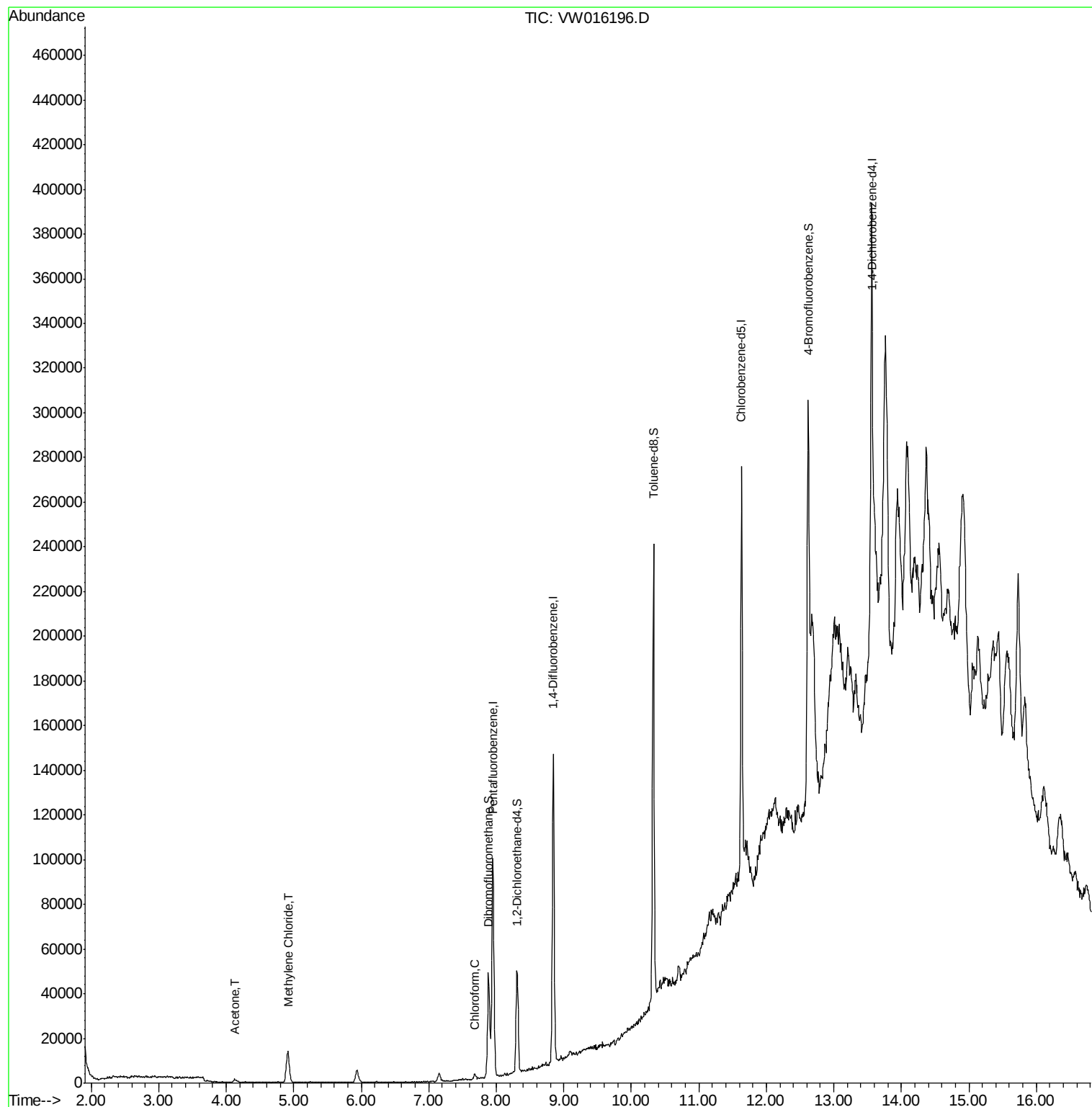
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	120680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	46538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36220	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.88	113	35762	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.32	98	144957	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	59830	58.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.14%	
Target Compounds						
16) Acetone	4.12	43	2688	20.618	ug/l	97
20) Methylene Chloride	4.92	84	11445	10.199	ug/l	92
30) Chloroform	7.68	83	2497	1.784	ug/l	96

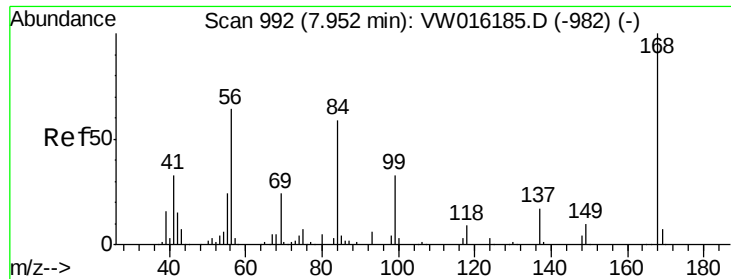
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016196.D

Acq: 14 Aug 2020 16:59

Instrument :

MSVOA_W

ClientSampled :

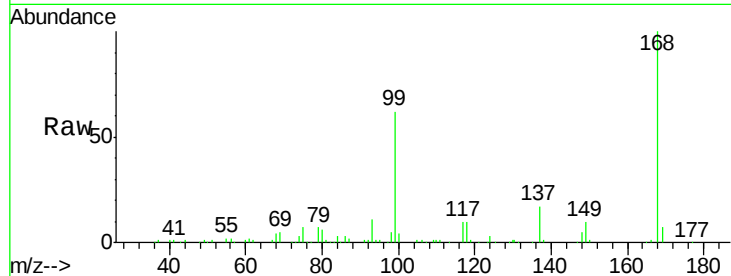
SB-3

Tot Ion:168 Resp: 69784

Ion Ratio Lower Upper

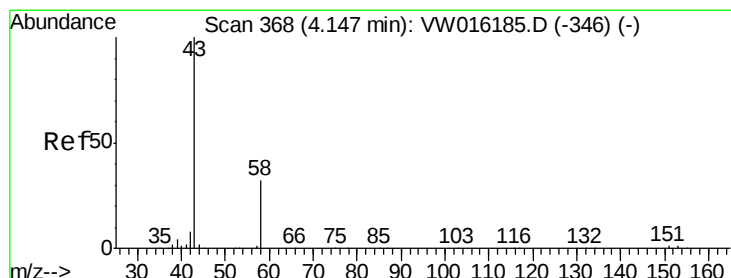
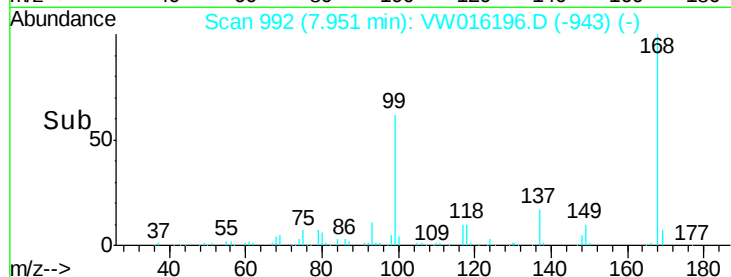
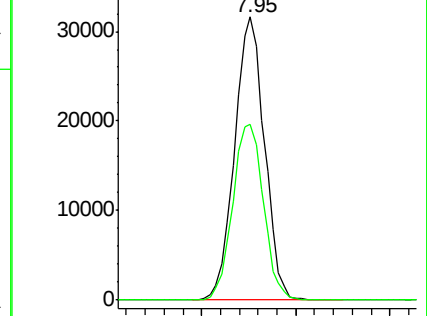
168 100

99 62.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 20.618 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016196.D

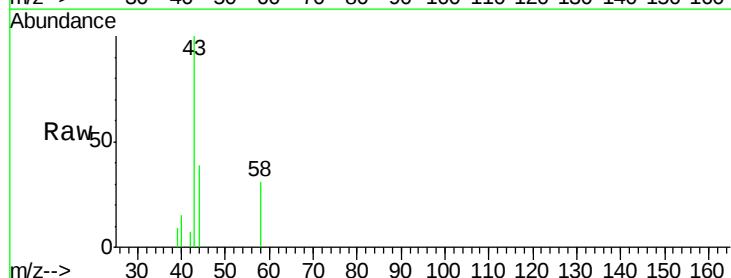
Acq: 14 Aug 2020 16:59

Tgt Ion: 43 Resp: 2688

Ion Ratio Lower Upper

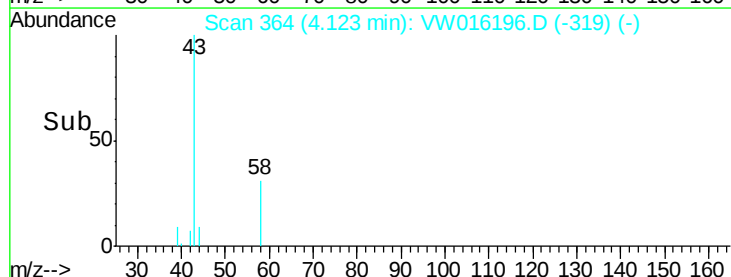
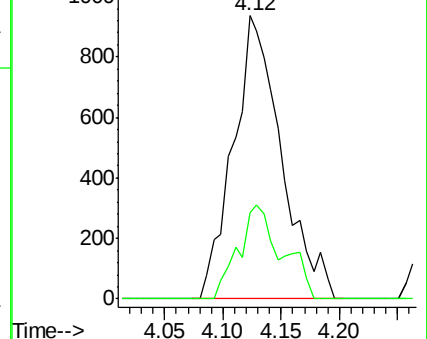
43 100

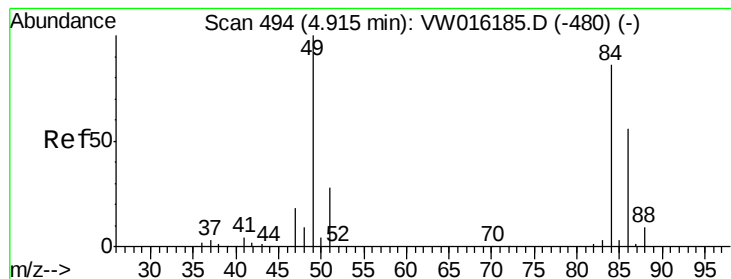
58 30.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 10.199 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016196.D

Acq: 14 Aug 2020 16:59

Instrument :

MSVOA_W

ClientSampled :

SB-3

Tot Ion: 84 Resp: 11445

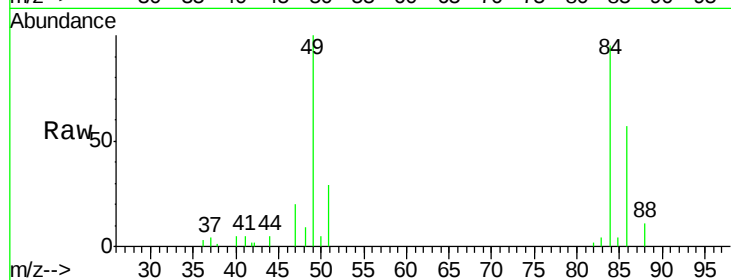
Ion Ratio Lower Upper

84 100

49 105.8 93.4 140.2

51 31.1 26.6 40.0

86 60.4 52.2 78.2

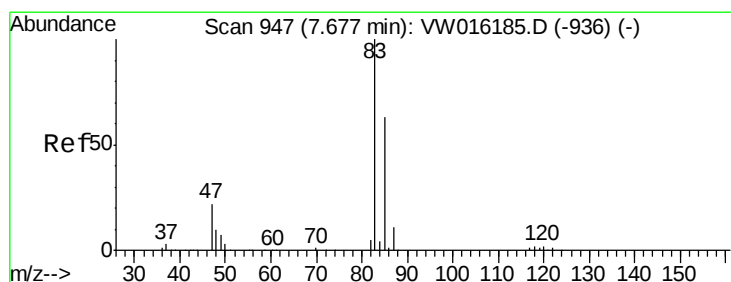
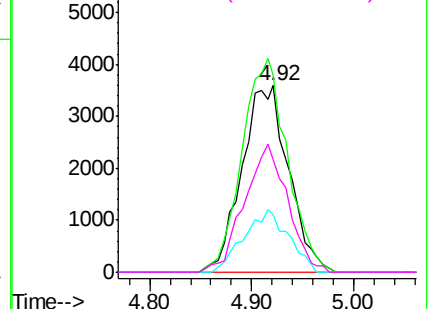
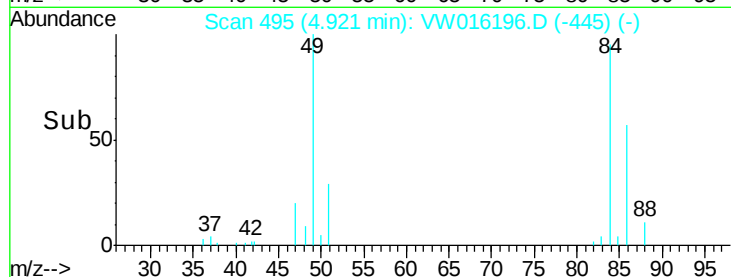


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#30

Chloroform

Concen: 1.784 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW016196.D

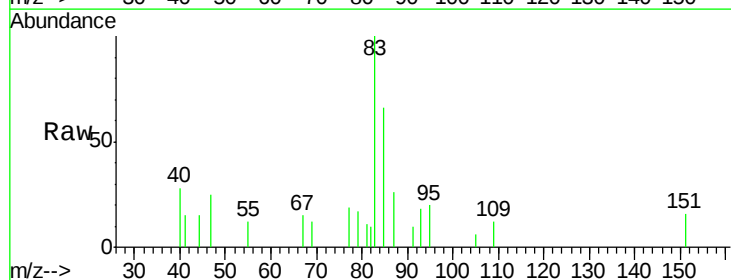
Acq: 14 Aug 2020 16:59

Tgt Ion: 83 Resp: 2497

Ion Ratio Lower Upper

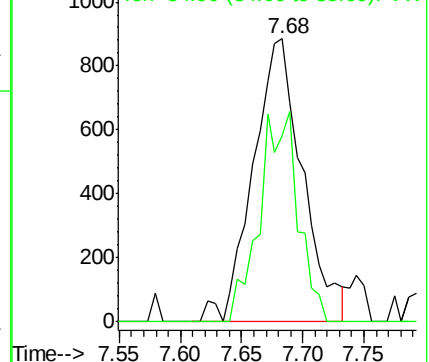
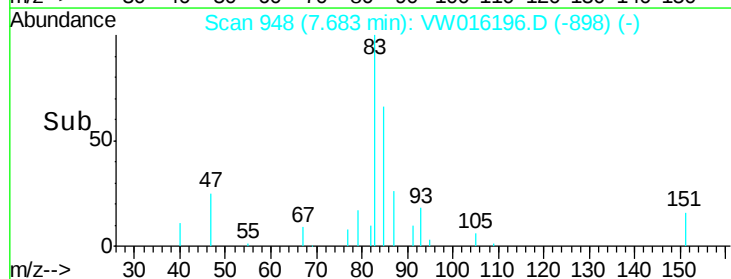
83 100

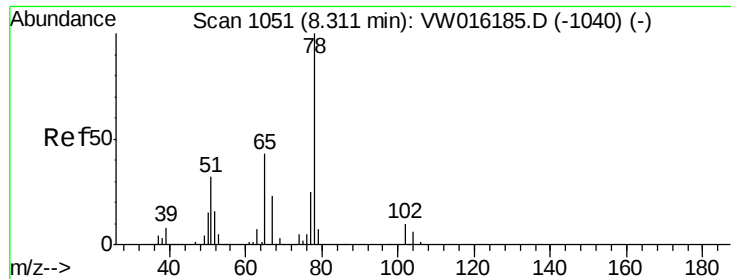
85 65.8 50.0 75.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#33

1,2-Dichloroethane-d4

Concen: 53.223 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016196.D

Acq: 14 Aug 2020 16:59

Instrument :

MSVOA_W

ClientSampleId :

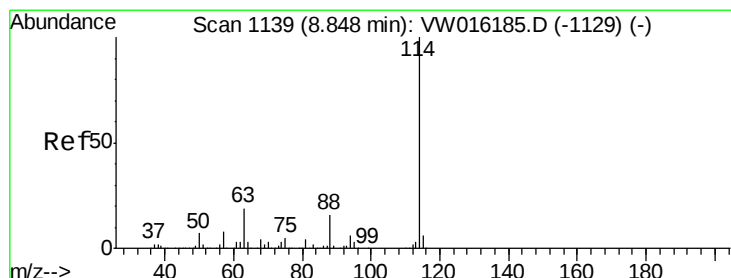
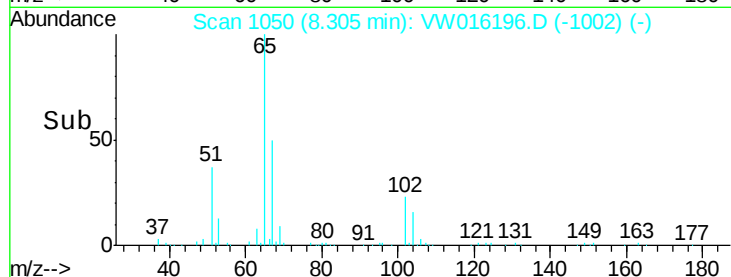
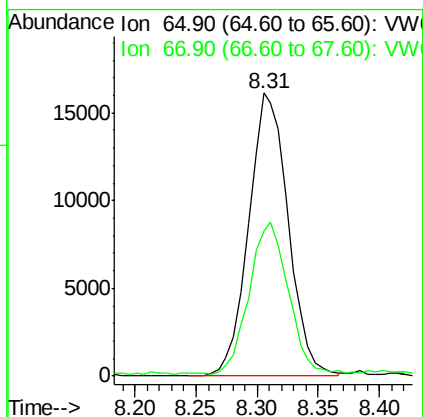
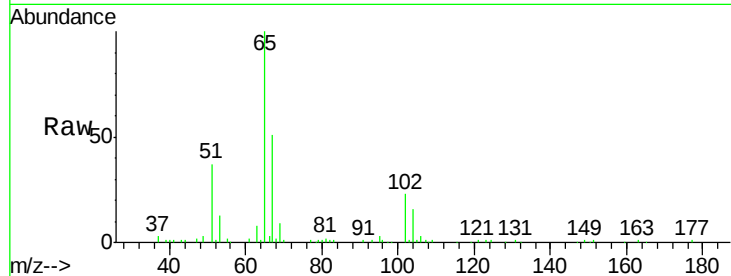
SB-3

Tot Ion: 65 Resp: 36220

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW016196.D

Acq: 14 Aug 2020 16:59

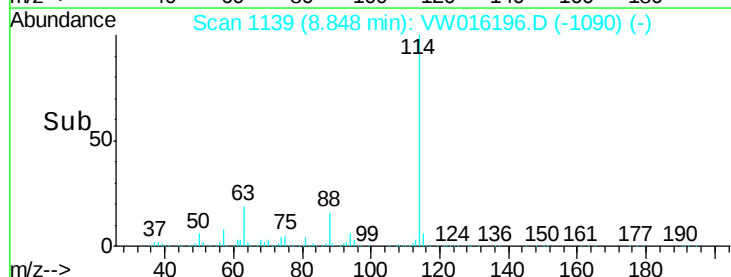
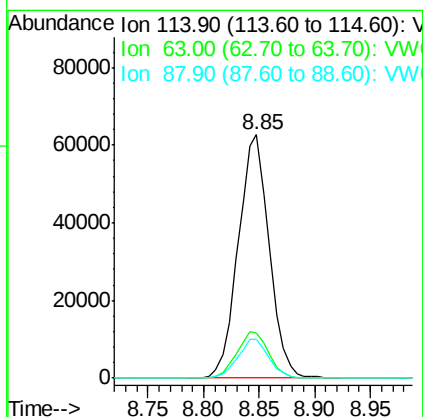
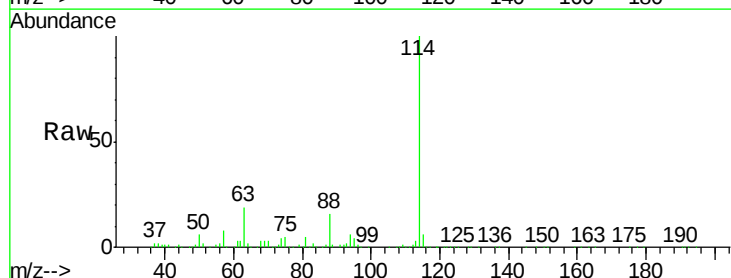
Tgt Ion: 114 Resp: 120680

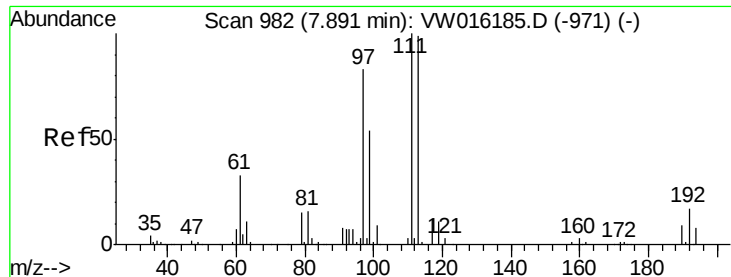
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.7 0.0 32.8

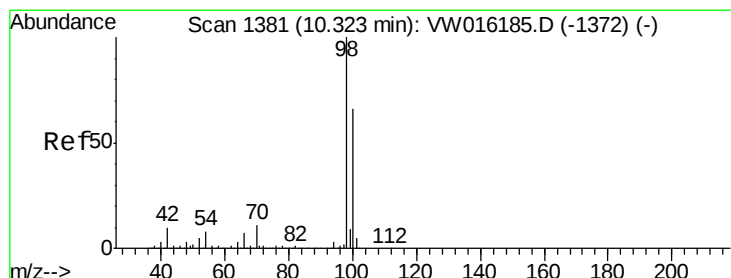
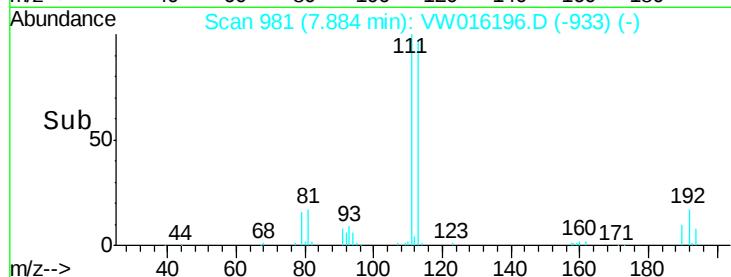
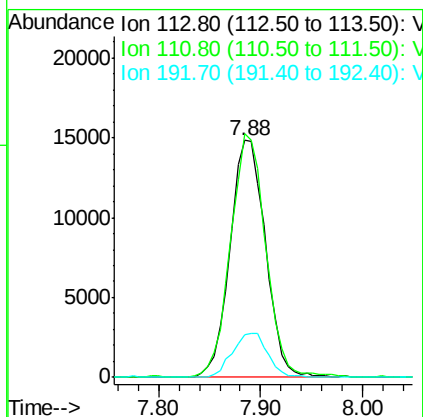
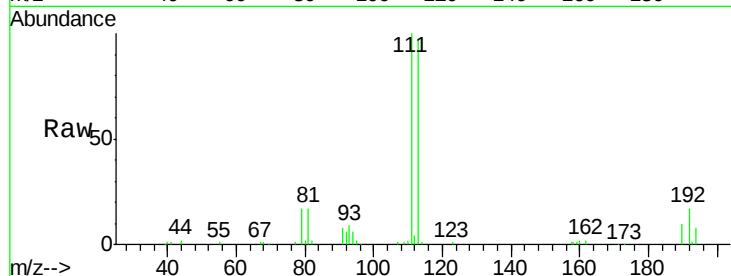




#35
 Dibromofluoromethane
 Concen: 48.028 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016196.D
 Acq: 14 Aug 2020 16:59

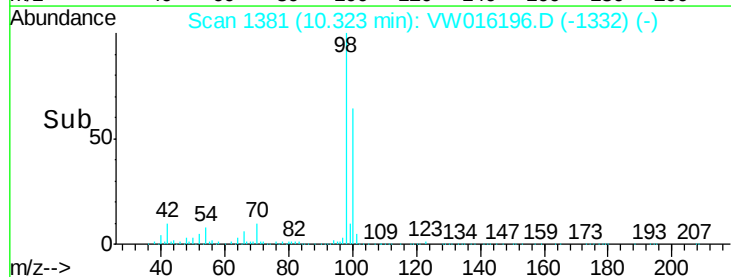
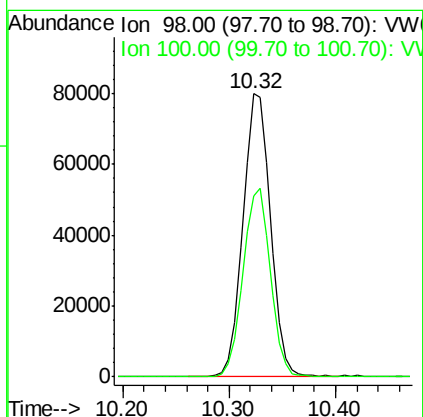
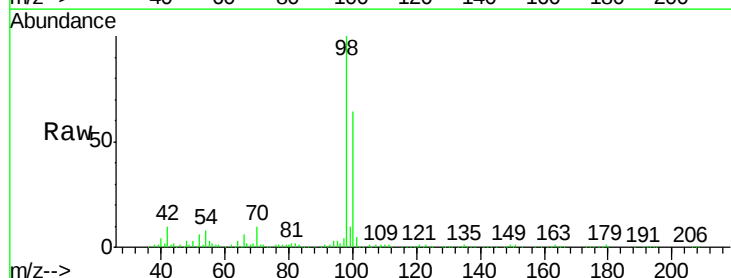
Instrument :
 MSVOA_W
 ClientSampled :
 SB-3

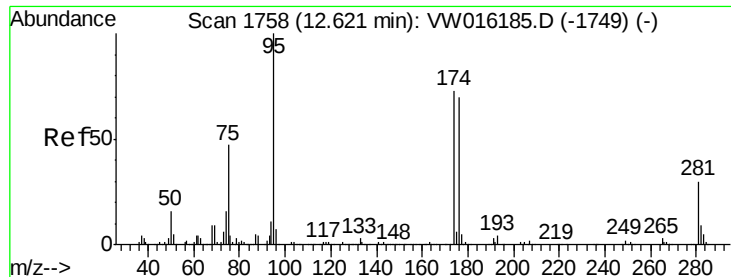
Tot Ion:113 Resp: 35762
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.5 125.3
 192 18.6 14.3 21.5



#50
 Toluene-d8
 Concen: 50.293 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW016196.D
 Acq: 14 Aug 2020 16:59

Tgt Ion: 98 Resp: 144957
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.5 80.3

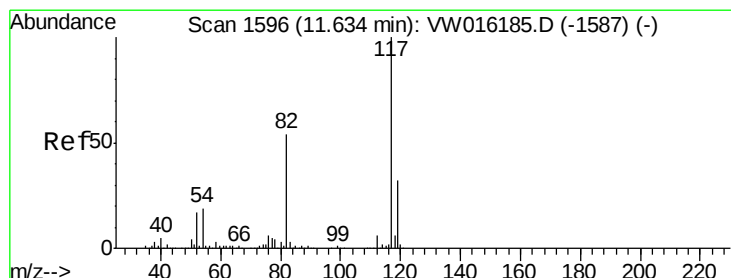
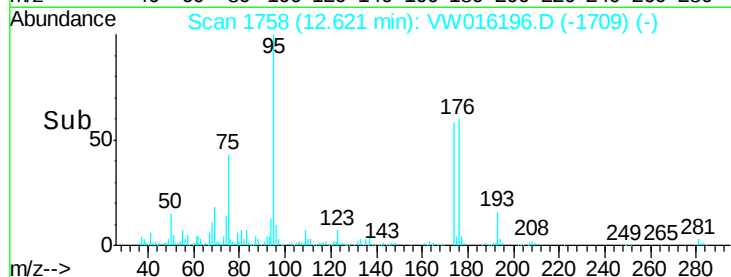
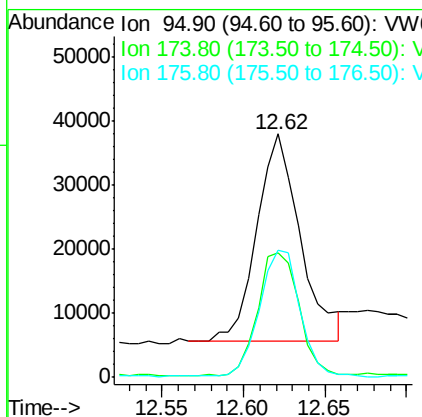
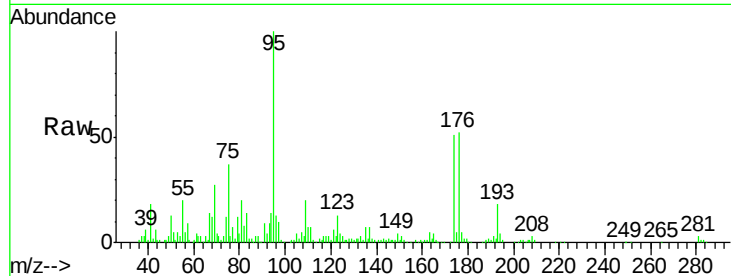




#62
4-Bromofluorobenzene
Concen: 58.072 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016196.D
Acq: 14 Aug 2020 16:59

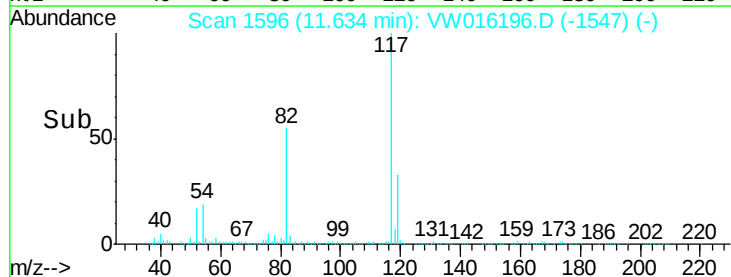
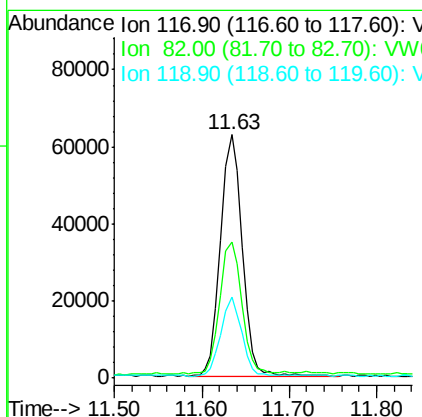
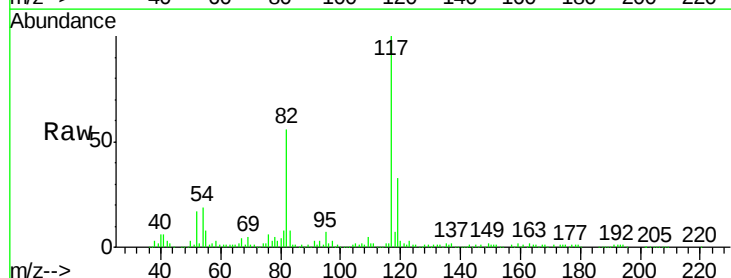
Instrument :
MSVOA_W
ClientSampleId :
SB-3

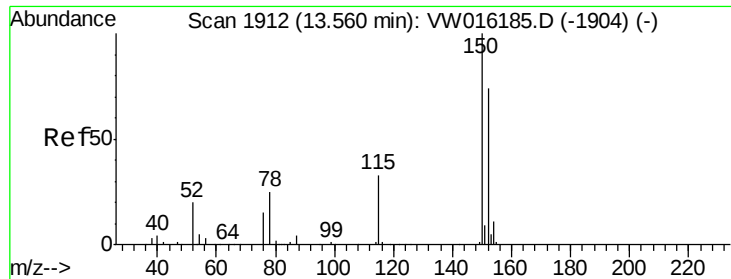
Tot Ion: 95 Resp: 59830
Ion Ratio Lower Upper
95 100
174 57.5 0.0 145.6
176 56.6 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016196.D
Acq: 14 Aug 2020 16:59

Tgt Ion: 117 Resp: 107477
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016196.D

Acq: 14 Aug 2020 16:59

Instrument :

MSVOA_W

ClientSampleId :

SB-3

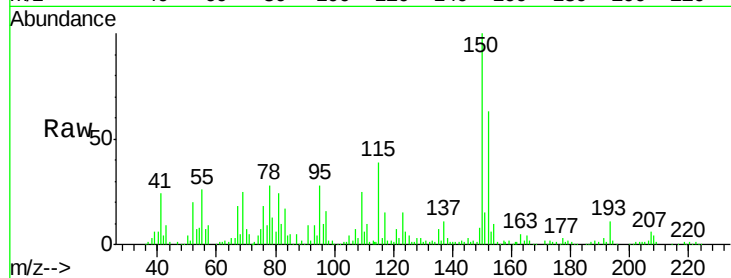
Tot Ion:152 Resp: 46538

Ion Ratio Lower Upper

152 100

115 57.2 30.9 92.5

150 145.9 0.0 337.8



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

