

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016413.D
 Acq On : 31 Aug 2020 15:58
 Operator : SY/VA
 Sample : L3859-02
 Misc : 6.79G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-S2

Quant Time: Sep 01 03:52:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

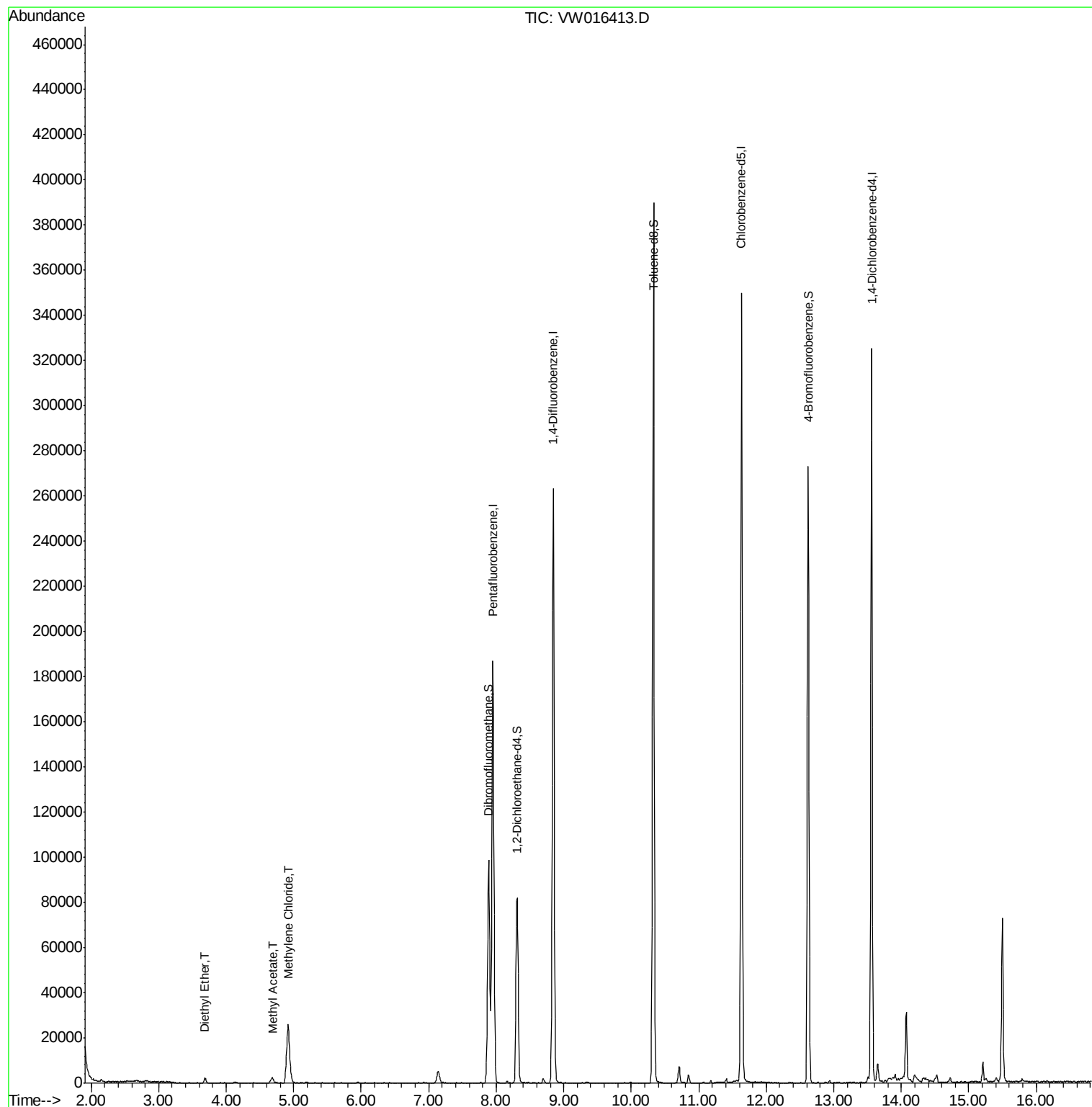
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	136837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	229296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	202912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	71078	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	7.88	113	72990	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.32	98	270169	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	91759	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
8) Diethyl Ether	3.69	74	1237	1.880	ug/l	97
18) Methyl Acetate	4.68	43	4342	8.186	ug/l	98
20) Methylene Chloride	4.92	84	22090	10.585	ug/l	95

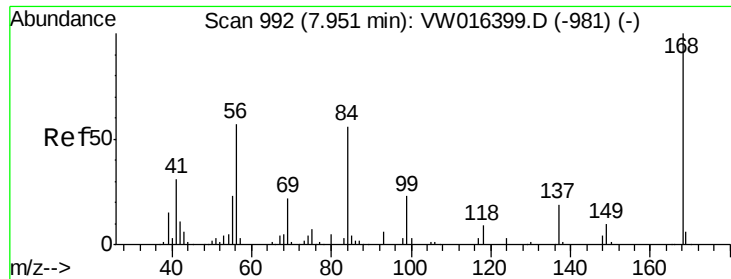
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 28 15:01:43 2020
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: VW016413.D

Acq: 31 Aug 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

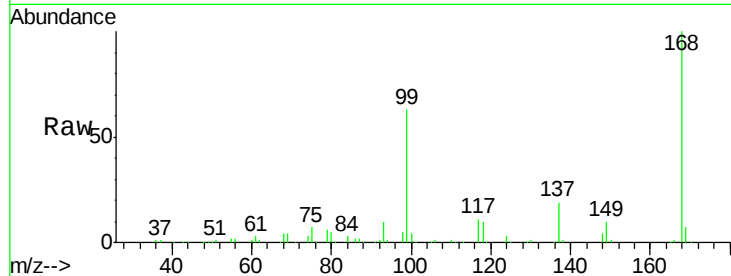
TP-1-S2

Tot Ion:168 Resp: 136837

Ion Ratio Lower Upper

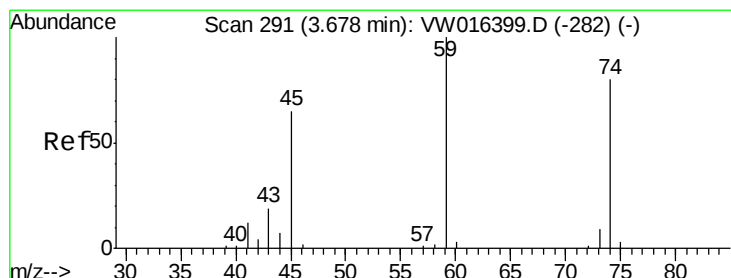
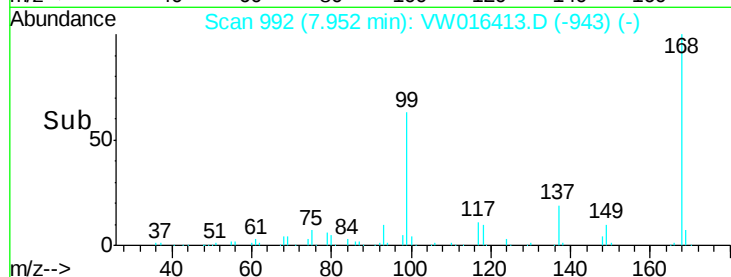
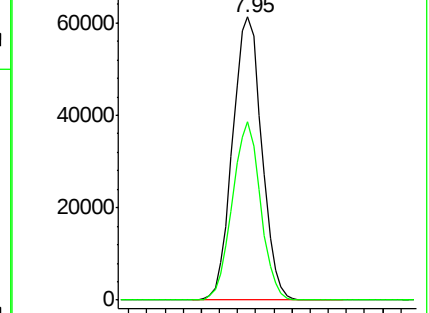
168 100

99 62.8 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.880 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW016413.D

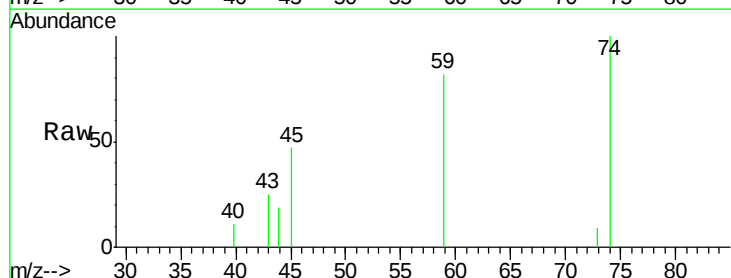
Acq: 31 Aug 2020 15:58

Tgt Ion: 74 Resp: 1237

Ion Ratio Lower Upper

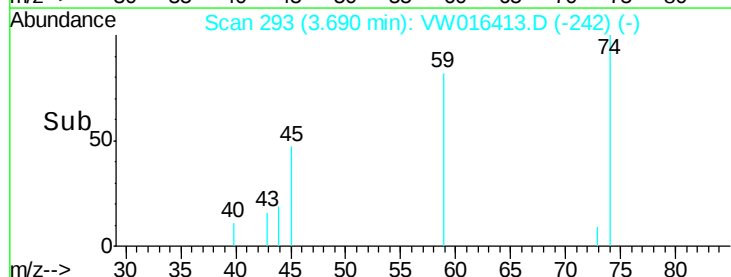
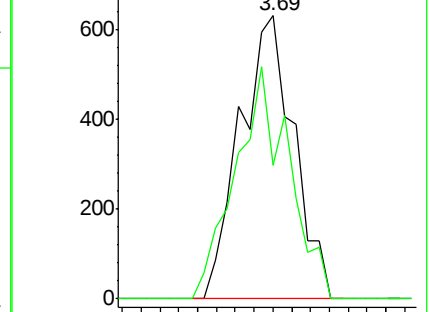
74 100

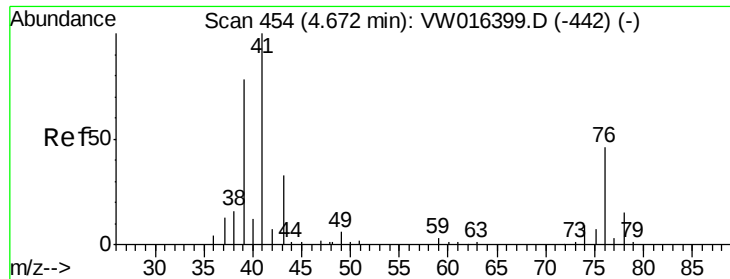
45 81.5 42.0 126.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

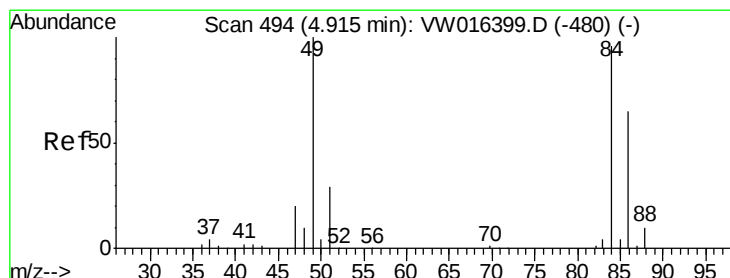
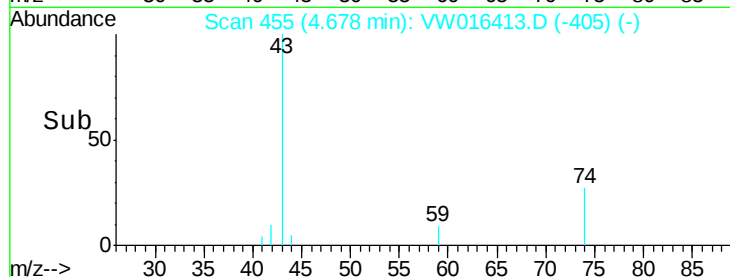
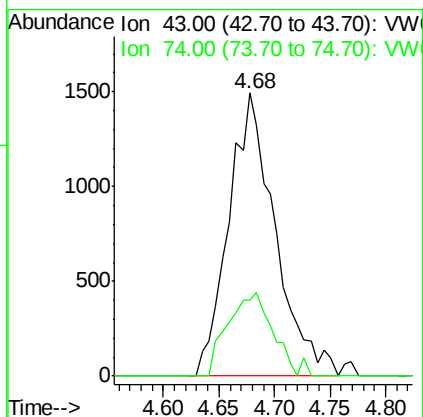
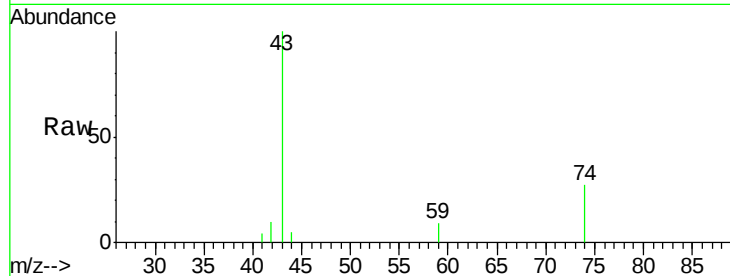




#18
Methyl Acetate
Concen: 8.186 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW016413.D
Acq: 31 Aug 2020 15:58

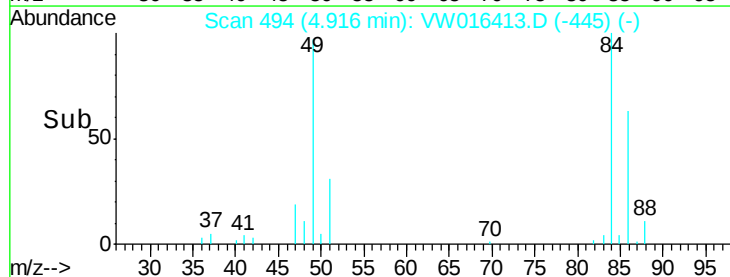
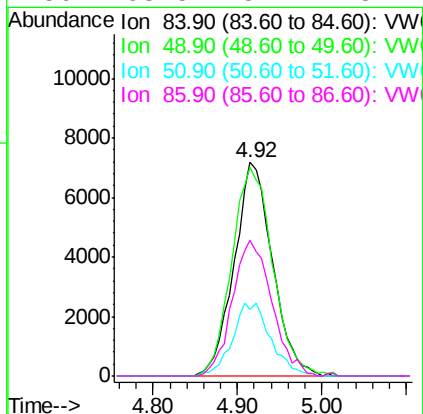
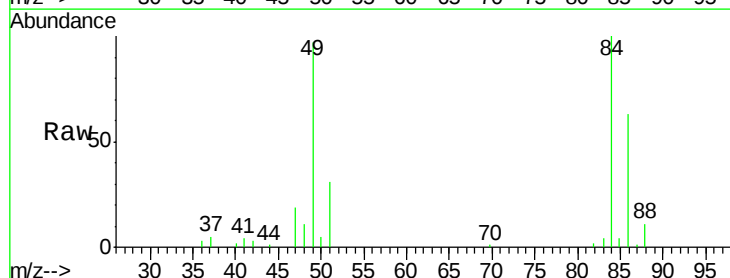
Instrument :
MSVOA_W
ClientSampleId :
TP-1-S2

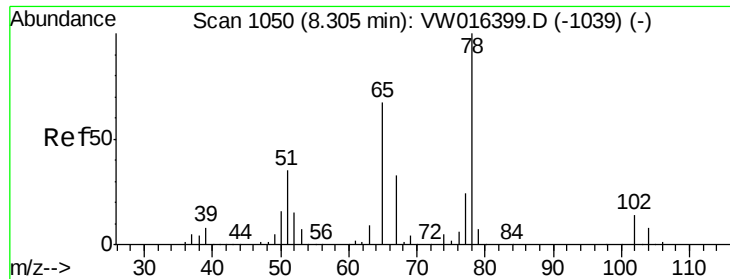
Tot Ion: 43 Resp: 4342
Ion Ratio Lower Upper
43 100
74 27.9 23.2 34.8



#20
Methylene Chloride
Concen: 10.585 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016413.D
Acq: 31 Aug 2020 15:58

Tgt Ion: 84 Resp: 22090
Ion Ratio Lower Upper
84 100
49 97.4 83.2 124.8
51 31.0 24.4 36.6
86 63.5 54.2 81.2

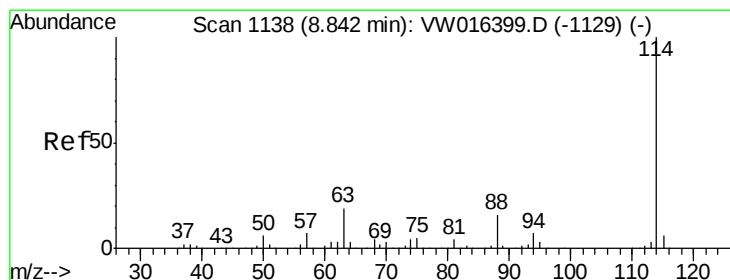
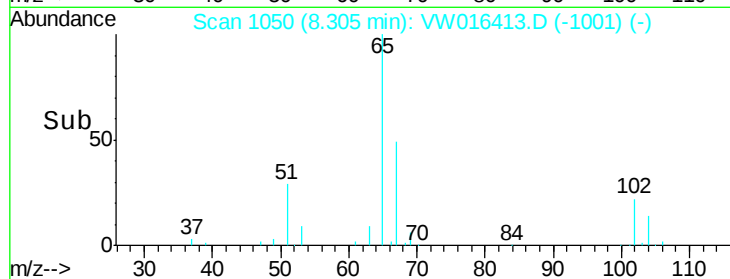
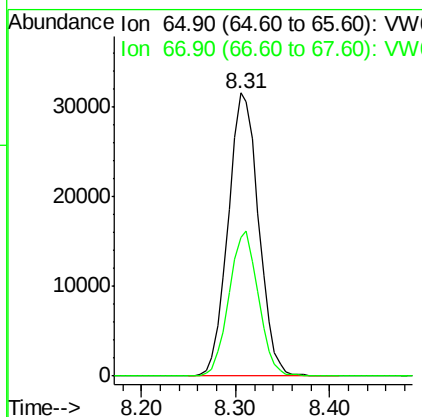
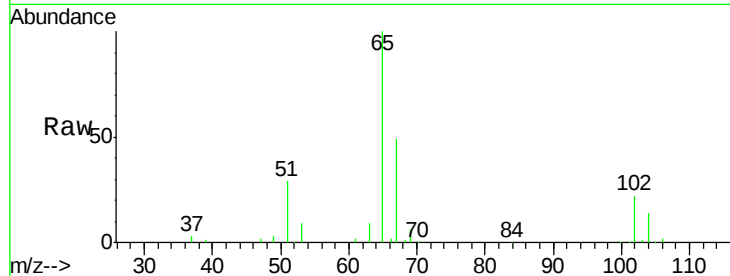




#33
 1,2-Dichloroethane-d4
 Concen: 51.889 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW016413.D
 Acq: 31 Aug 2020 15:58

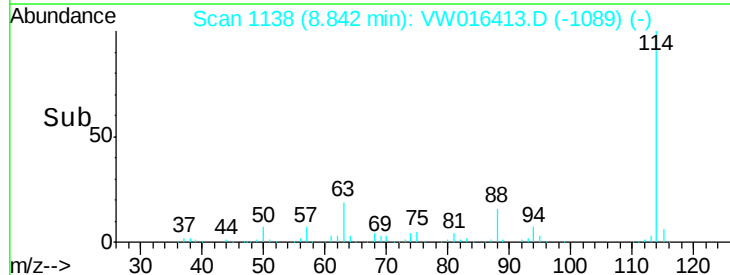
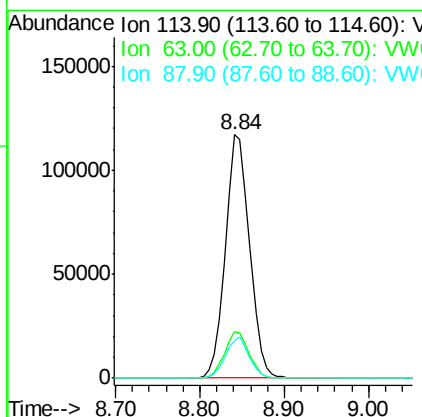
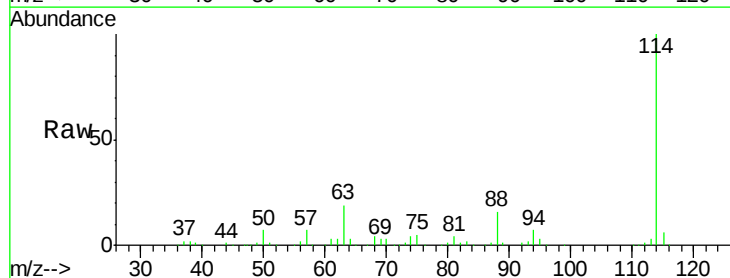
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-S2

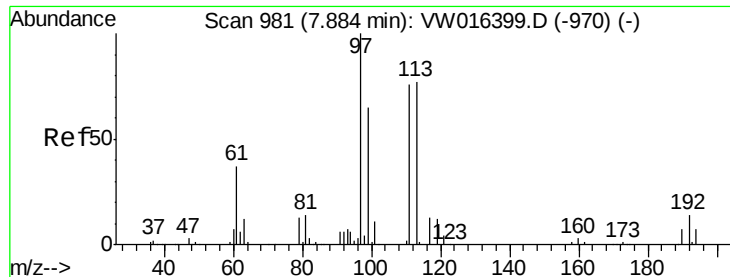
Tot Ion: 65 Resp: 71078
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016413.D
 Acq: 31 Aug 2020 15:58

Tgt Ion: 114 Resp: 229296
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 15.7 0.0 31.2

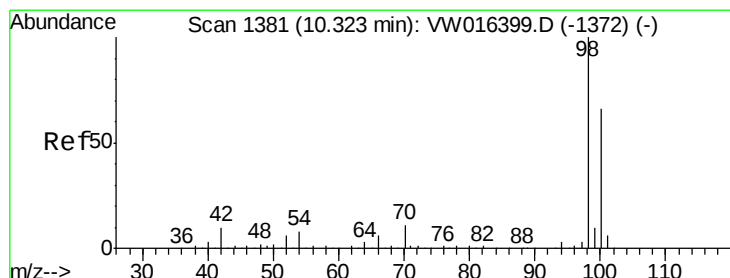
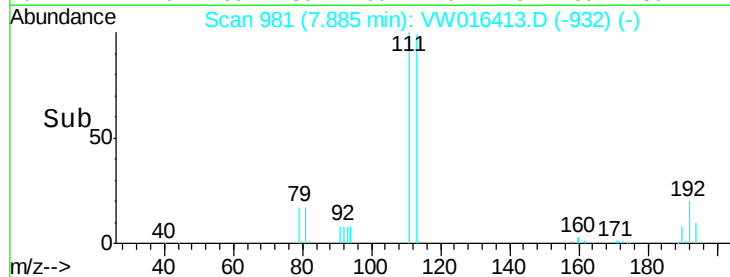
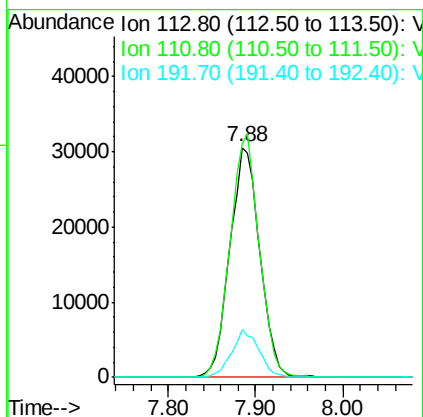
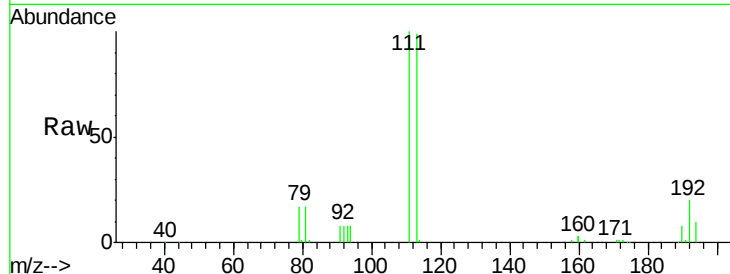




#35
Dibromofluoromethane
Concen: 50.290 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW016413.D
Acq: 31 Aug 2020 15:58

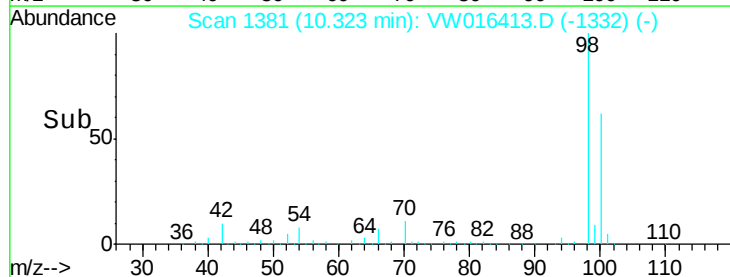
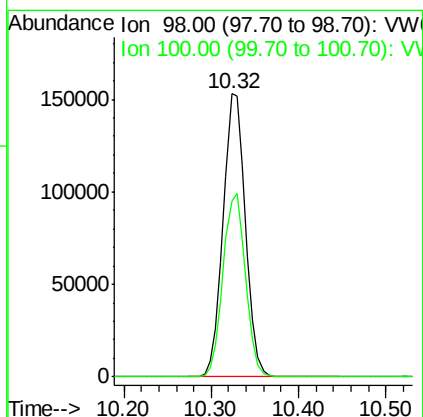
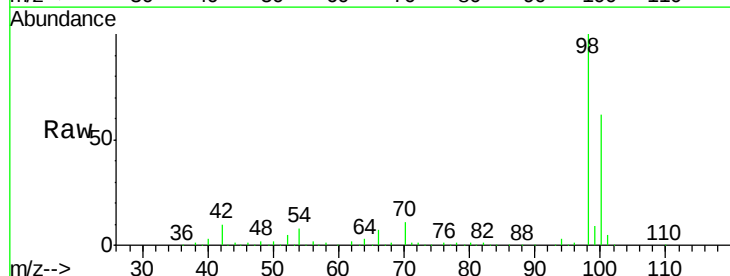
Instrument :
MSVOA_W
ClientSampleId :
TP-1-S2

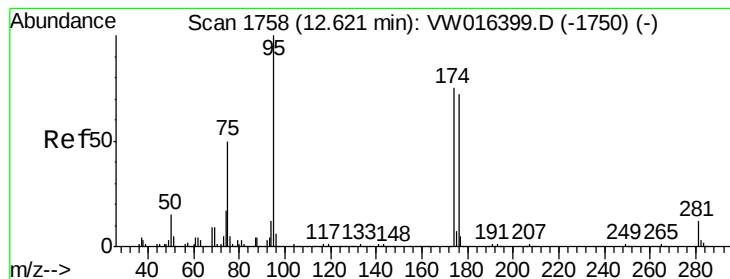
Tot Ion:113 Resp: 72990
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 18.8 15.5 23.3



#50
Toluene-d8
Concen: 49.710 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016413.D
Acq: 31 Aug 2020 15:58

Tgt Ion: 98 Resp: 270169
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 45.023 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016413.D

Acq: 31 Aug 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

TP-1-S2

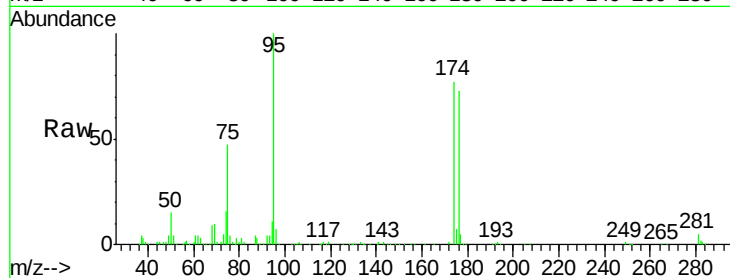
Tot Ion: 95 Resp: 91759

Ion Ratio Lower Upper

95 100

174 77.6 0.0 152.0

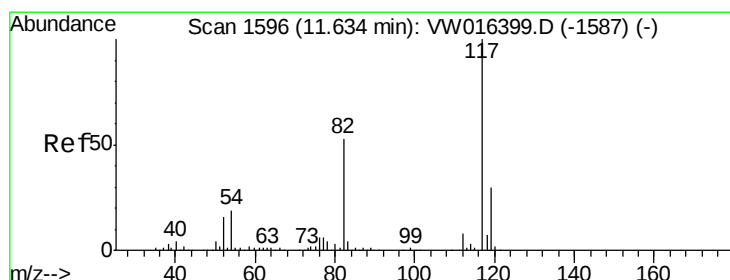
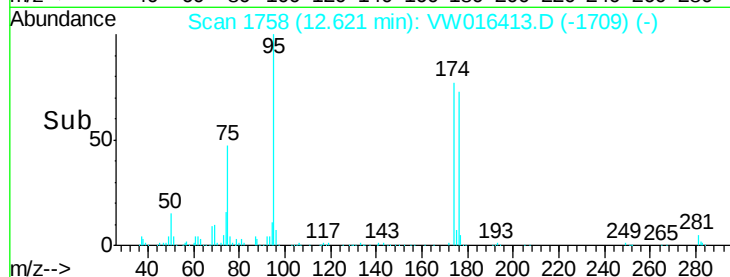
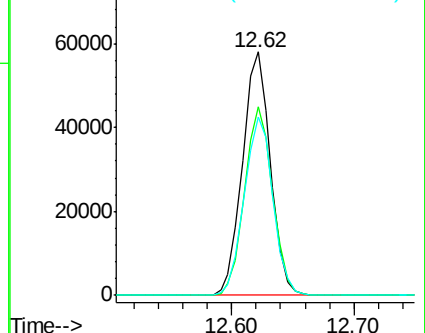
176 75.3 0.0 145.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW016413.D

Acq: 31 Aug 2020 15:58

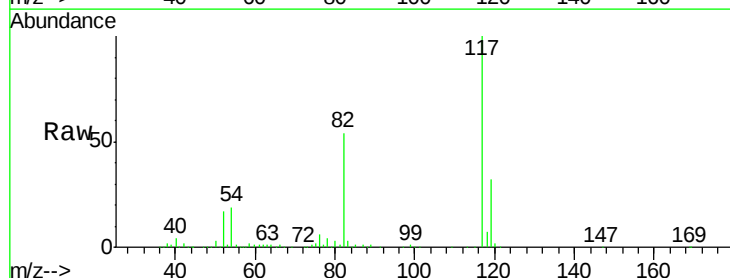
Tgt Ion: 117 Resp: 202912

Ion Ratio Lower Upper

117 100

82 54.4 42.2 63.4

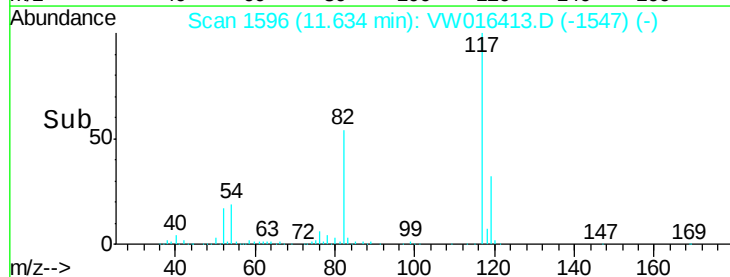
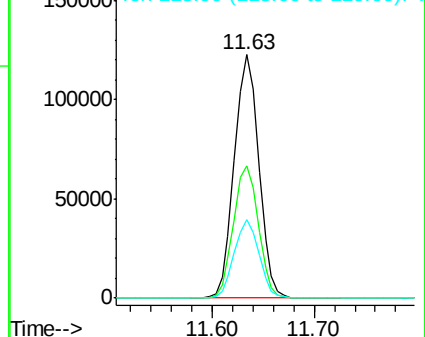
119 32.1 24.2 36.4

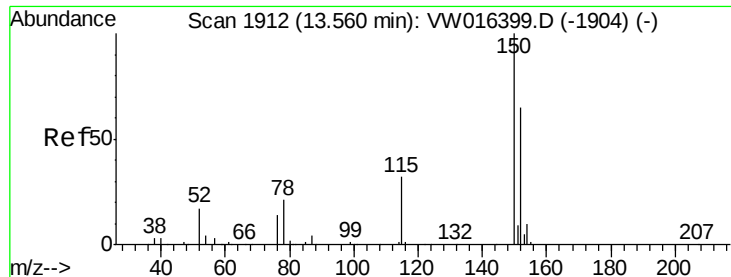


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016413.D

Acq: 31 Aug 2020 15:58

Instrument :

MSVOA_W

ClientSampleId :

TP-1-S2

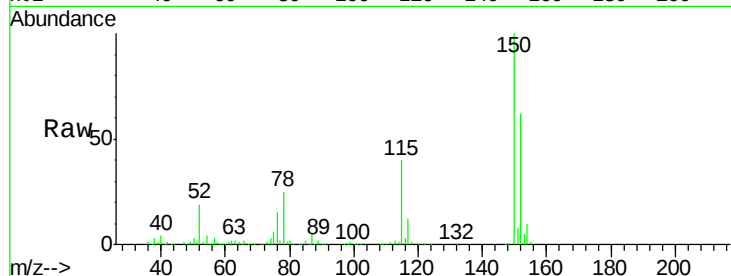
Tot Ion:152 Resp: 88096

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.5

150 157.6 0.0 351.0



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

