

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015810.D
 Acq On : 08 Jul 2020 15:30
 Operator : SY/VA
 Sample : L3187-01
 Misc : 7.05G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720

Quant Time: Jul 09 05:10:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

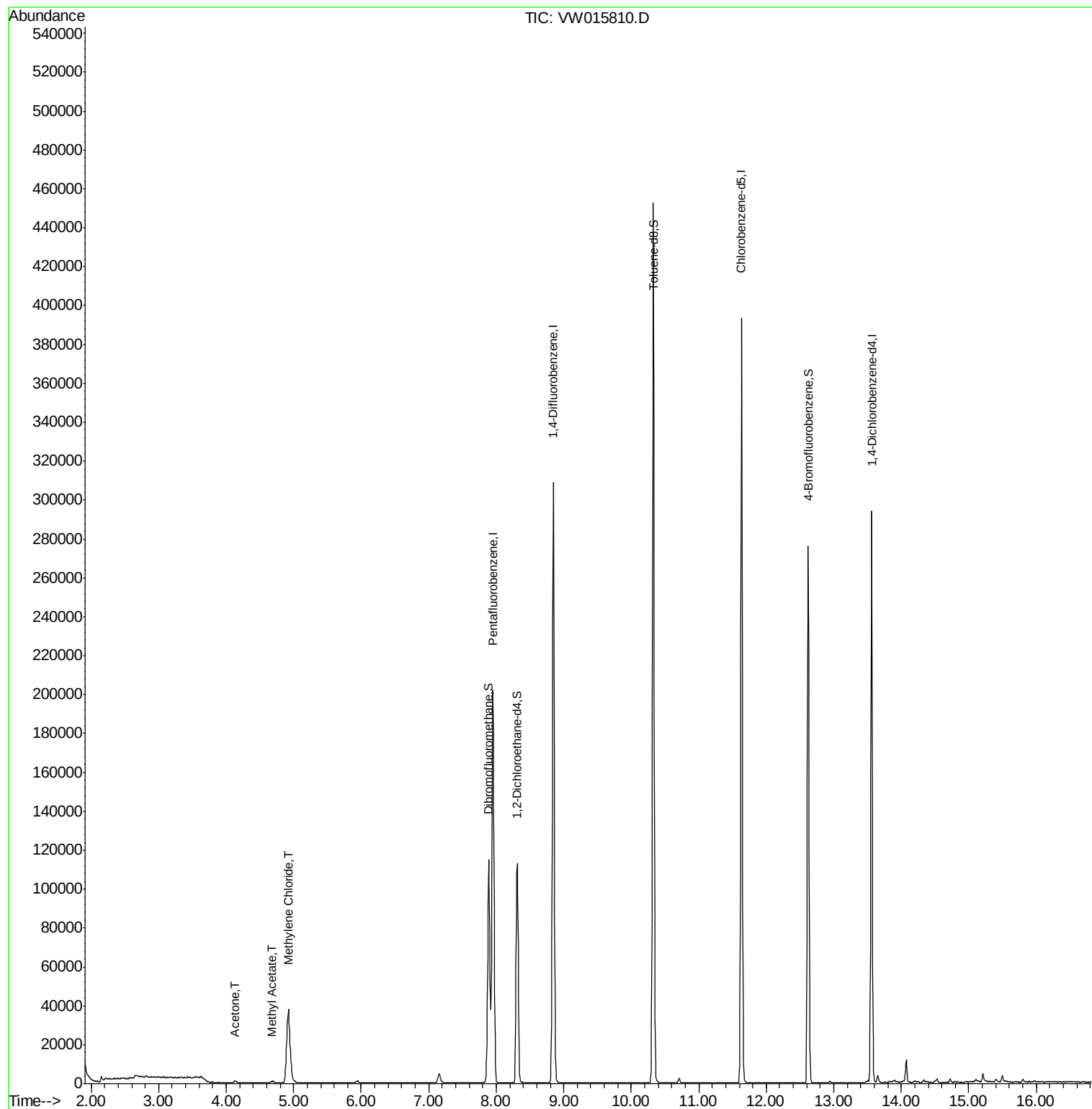
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	250732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91792	61.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.04%	
35) Dibromofluoromethane	7.89	113	81186	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
50) Toluene-d8	10.32	98	297137	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.62	95	86406	41.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.82%	
Target Compounds						
16) Acetone	4.14	43	1817	6.455	ug/l #	83
18) Methyl Acetate	4.68	43	2233	3.486	ug/l #	88
20) Methylene Chloride	4.92	84	32670	19.846	ug/l	97

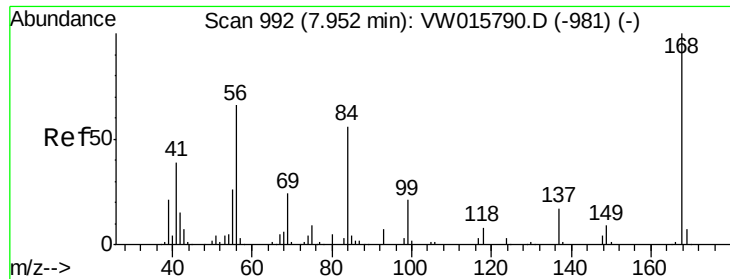
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

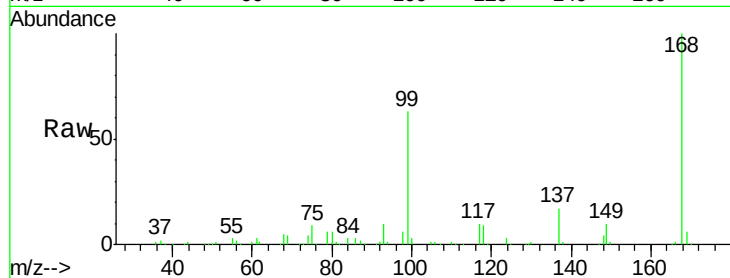
SU-02-070720

Tot Ion:168 Resp: 146085

Ion Ratio Lower Upper

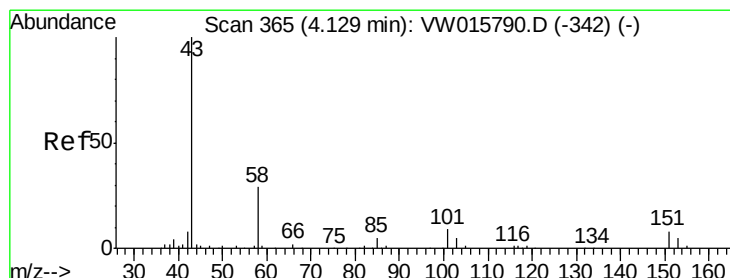
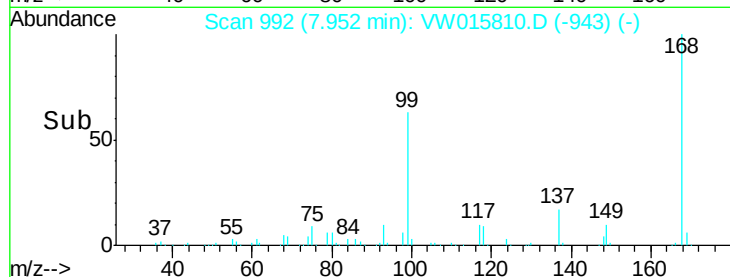
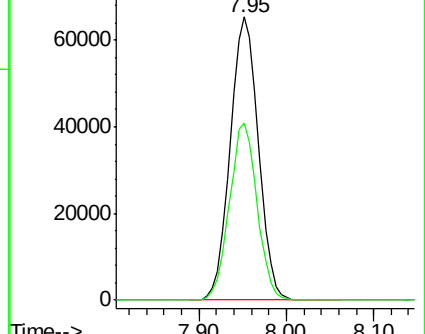
168 100

99 62.5 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 6.455 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015810.D

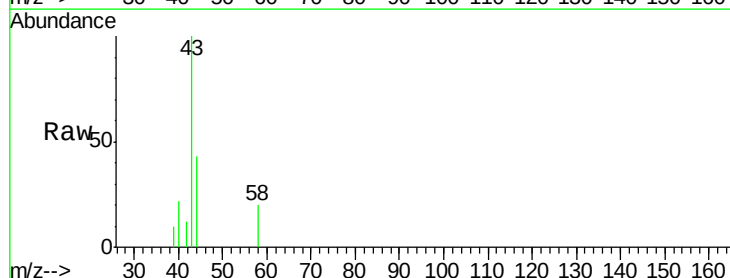
Acq: 08 Jul 2020 15:30

Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

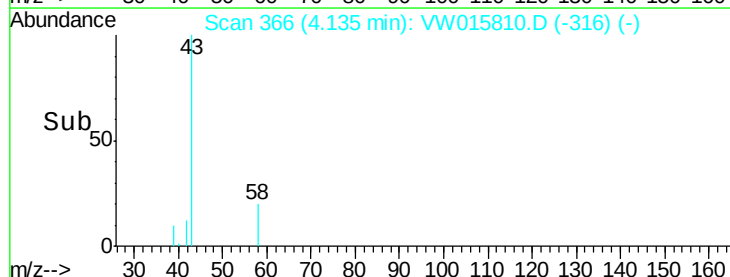
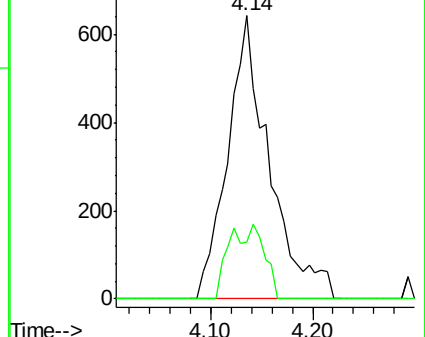
43 100

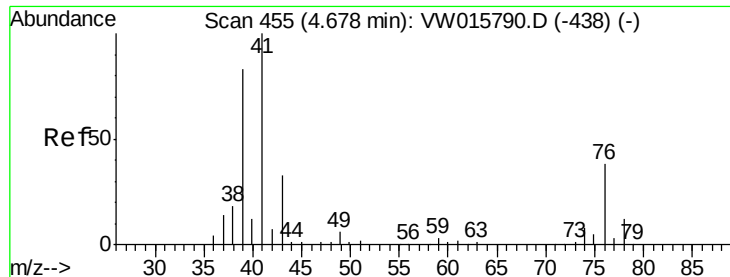
58 20.2 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

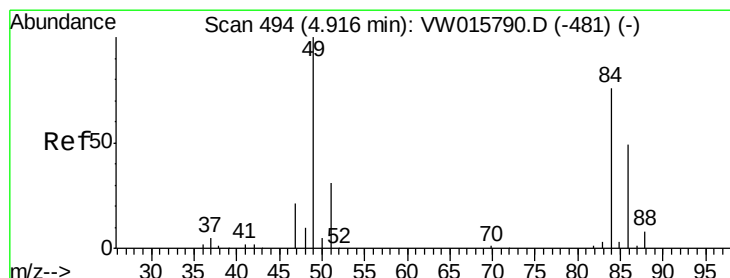
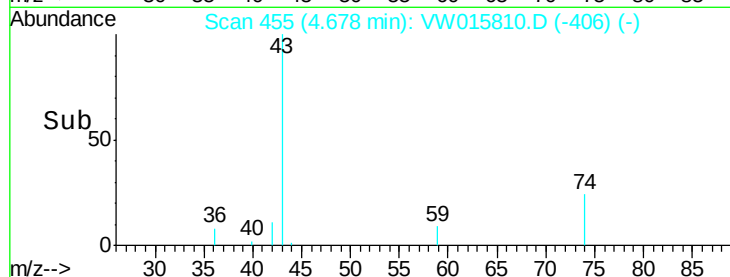
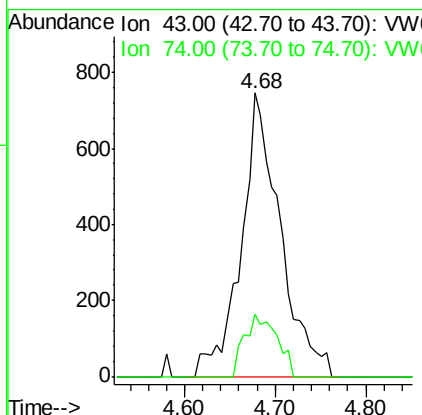
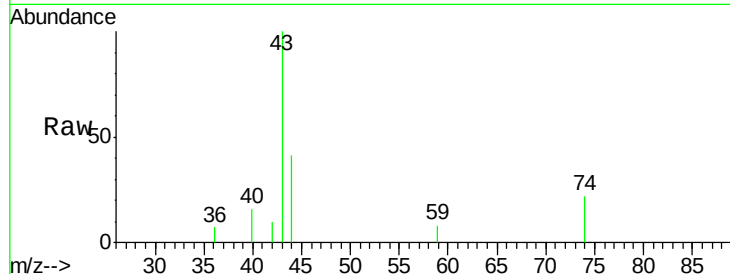




#18
Methyl Acetate
Concen: 3.486 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015810.D
Acq: 08 Jul 2020 15:30

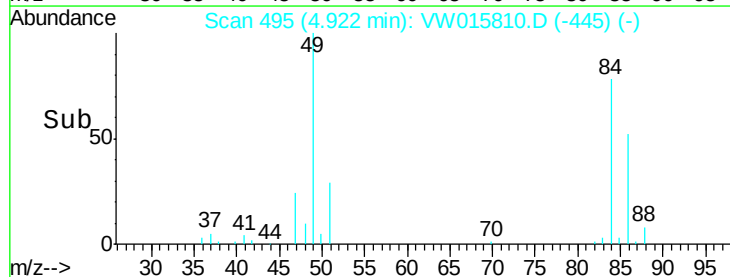
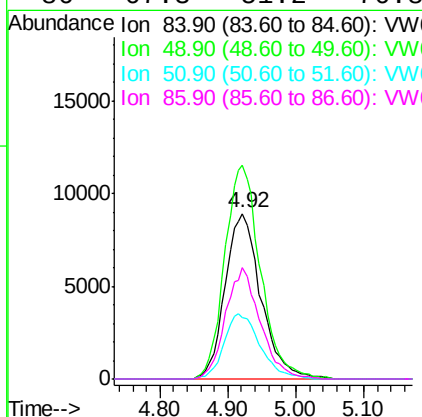
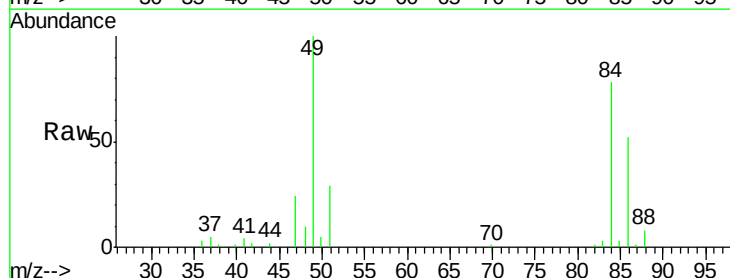
Instrument :
MSVOA_W
ClientSampleId :
SU-02-070720

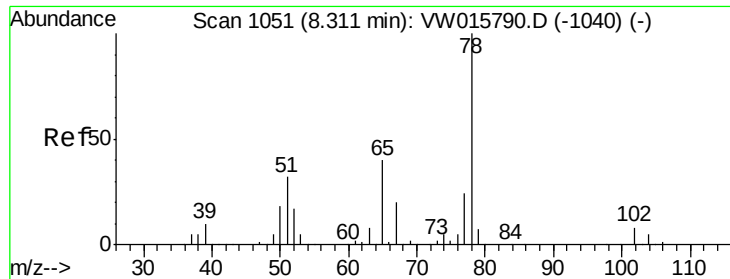
Tot Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
74 18.0 19.2 28.8#



#20
Methylene Chloride
Concen: 19.846 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015810.D
Acq: 08 Jul 2020 15:30

Tgt Ion: 84 Resp: 32670
Ion Ratio Lower Upper
84 100
49 128.9 105.0 157.6
51 37.4 32.3 48.5
86 67.3 51.2 76.8

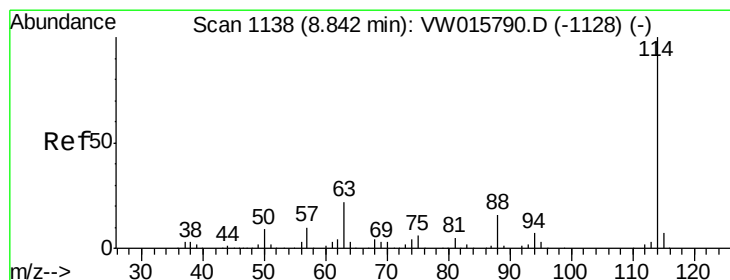
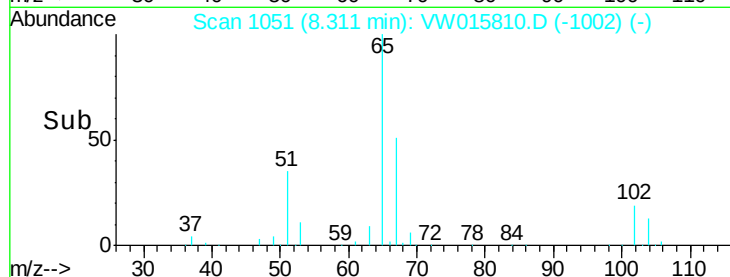
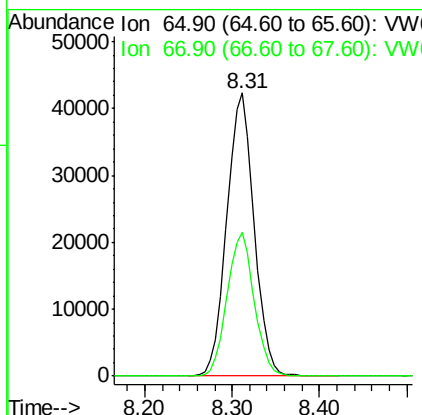
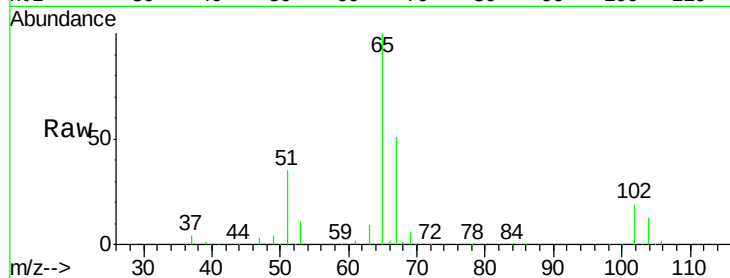




#33
 1,2-Dichloroethane-d4
 Concen: 61.019 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

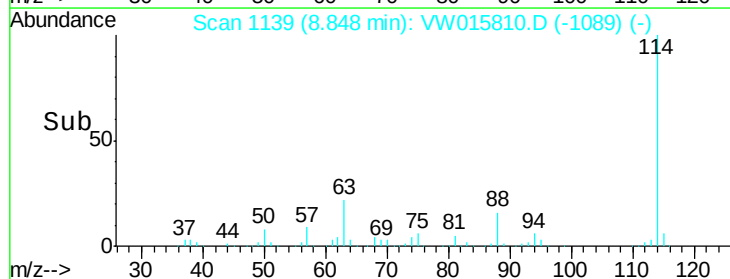
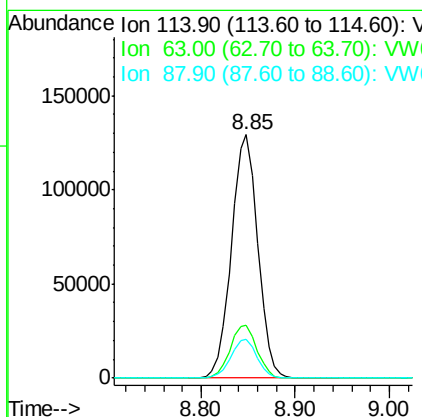
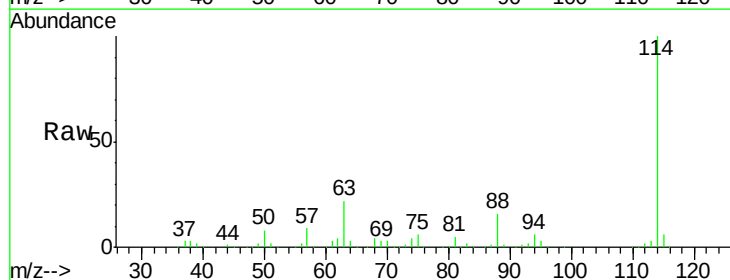
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720

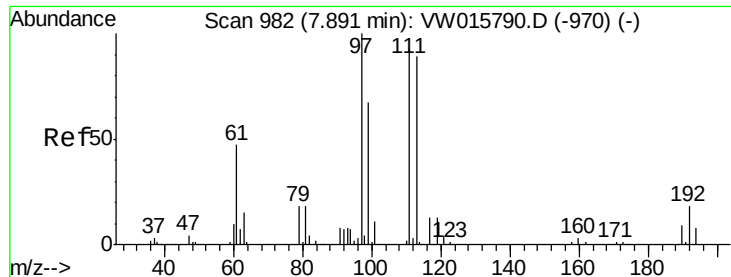
Tot Ion: 65 Resp: 91792
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

Tgt Ion: 114 Resp: 250732
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.4
 88 15.8 0.0 32.6

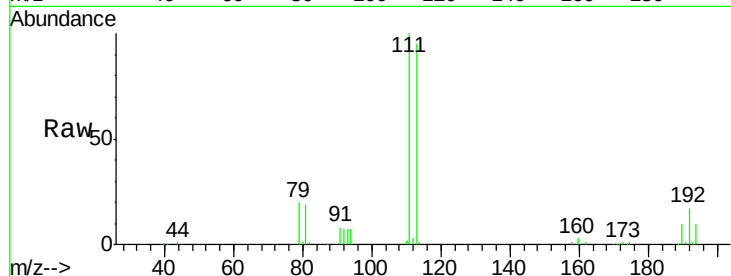




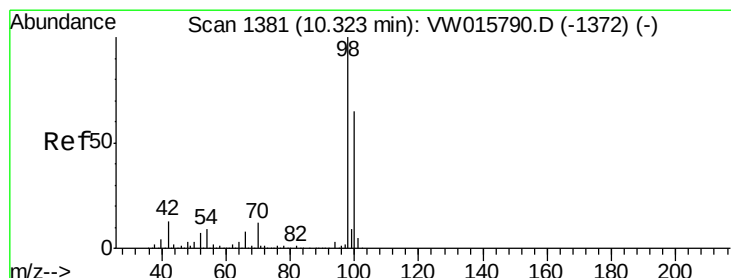
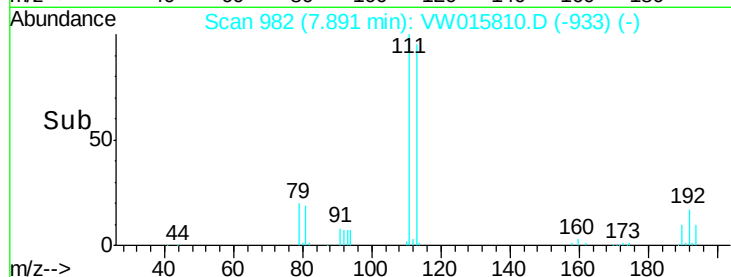
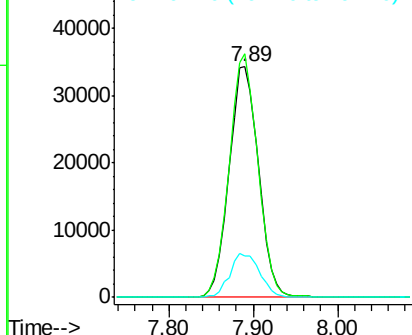
#35
 Dibromofluoromethane
 Concen: 55.500 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-070720

Tot Ion:113 Resp: 81186
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 19.1 15.4 23.2

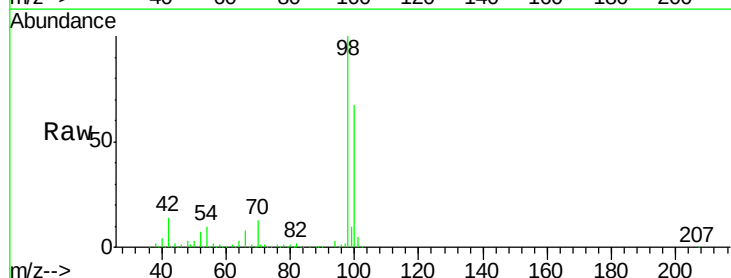


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

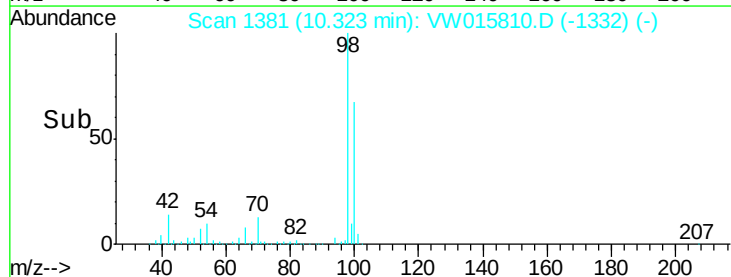
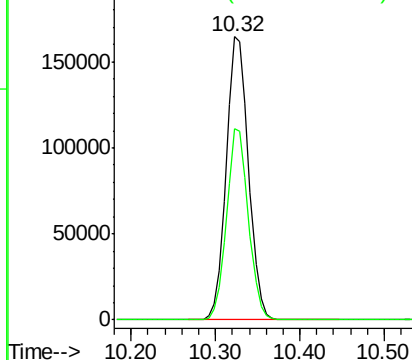


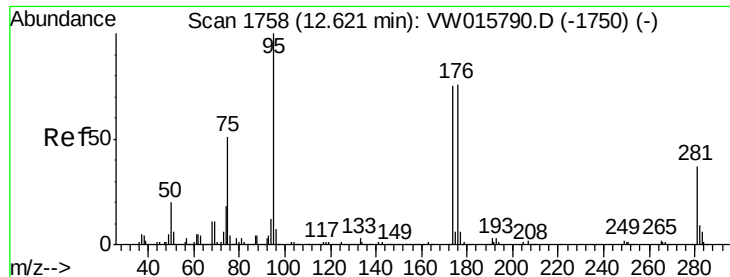
#50
 Toluene-d8
 Concen: 52.882 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015810.D
 Acq: 08 Jul 2020 15:30

Tgt Ion: 98 Resp: 297137
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.908 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

SU-02-070720

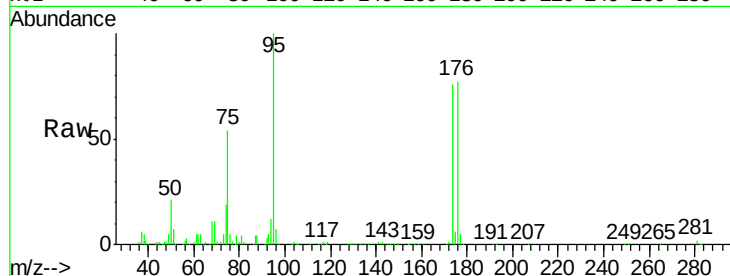
Tot Ion: 95 Resp: 86406

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.2

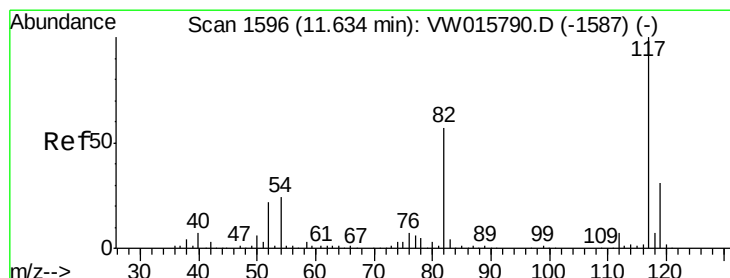
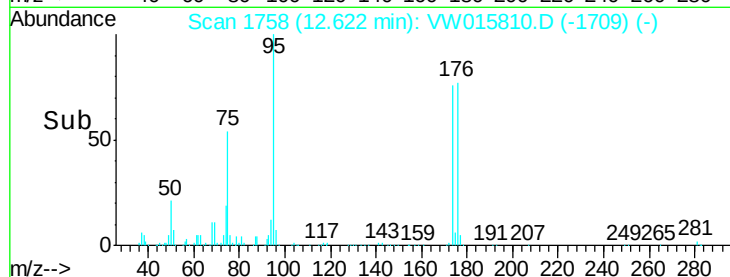
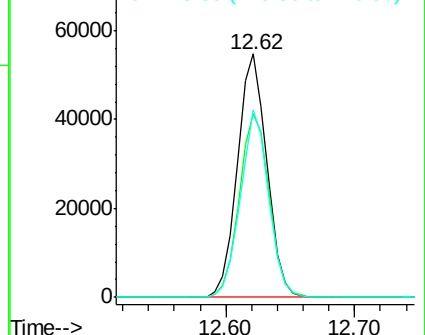
176 74.0 0.0 148.4



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: VW015810.D

Acq: 08 Jul 2020 15:30

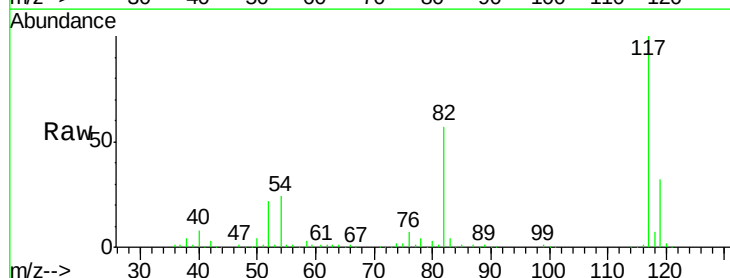
Tgt Ion: 117 Resp: 213380

Ion Ratio Lower Upper

117 100

82 56.8 45.5 68.3

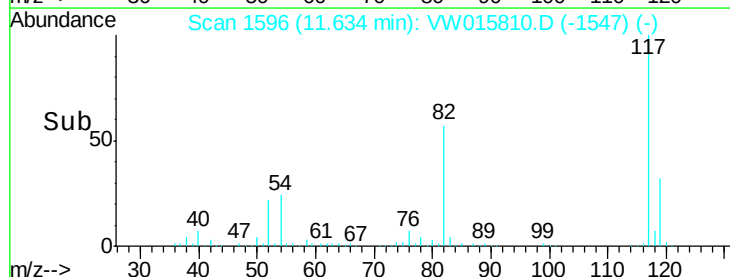
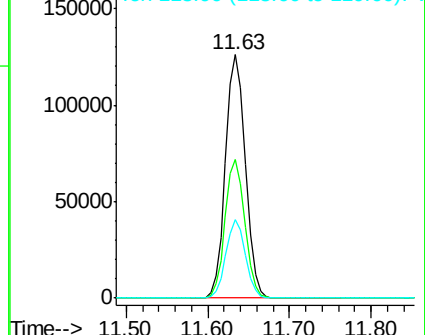
119 32.0 25.0 37.6

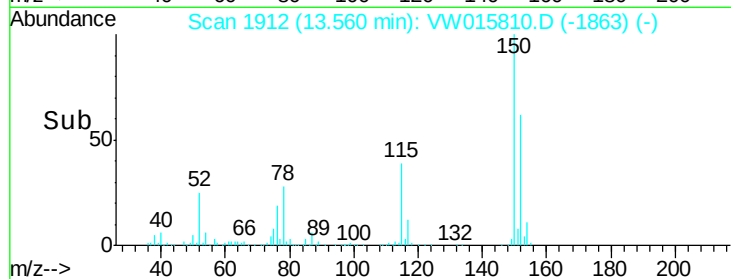
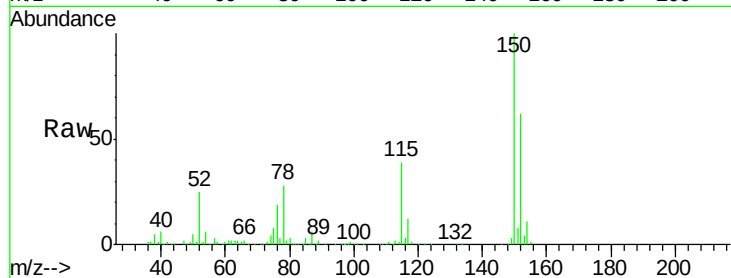
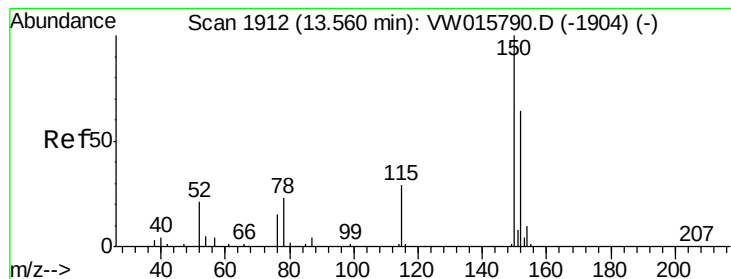


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW015810.D

Acq: 08 Jul 2020 15:30

Instrument :

MSVOA_W

ClientSampleId :

SU-02-070720

Tot Ion:152 Resp: 72412

Ion Ratio Lower Upper

152 100

115 59.9 29.9 89.7

150 156.5 0.0 350.8

