

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015814.D
 Acq On : 08 Jul 2020 17:15
 Operator : SY/VA
 Sample : L3203-09
 Misc : 7.24G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-20

Quant Time: Jul 09 05:18:57 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

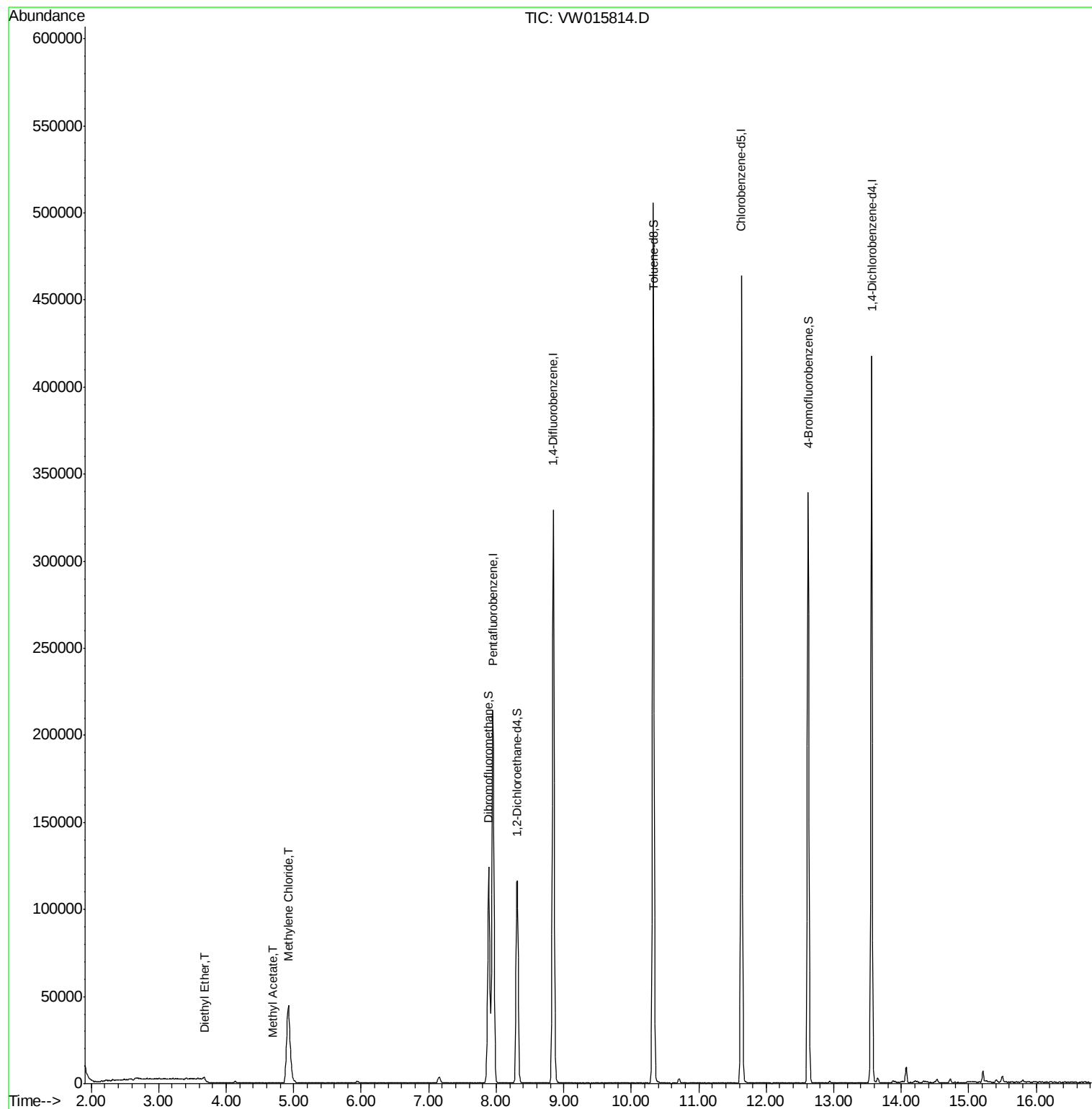
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	268700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	242998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96508	60.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.40%	
35) Dibromofluoromethane	7.89	113	86411	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	10.32	98	331552	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.62	95	106531	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
Target Compounds						
8) Diethyl Ether	3.68	74	769	1.007	ug/l	77
18) Methyl Acetate	4.68	43	822	1.214	ug/l #	62
20) Methylene Chloride	4.92	84	39929	23.735	ug/l	96

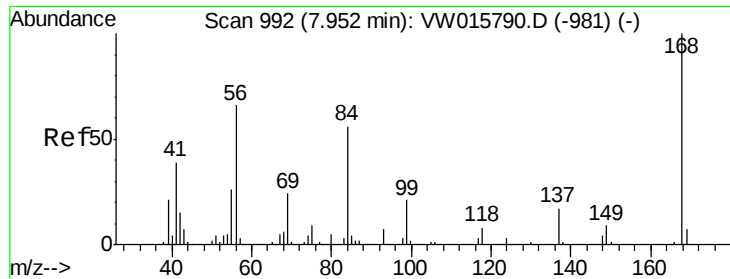
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015814.D

Acq: 08 Jul 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

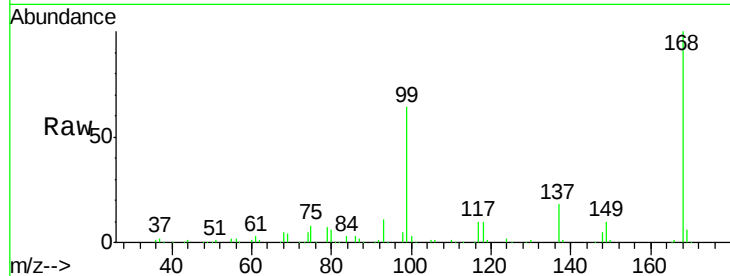
RO-20

Tot Ion:168 Resp: 154392

Ion Ratio Lower Upper

168 100

99 63.7 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

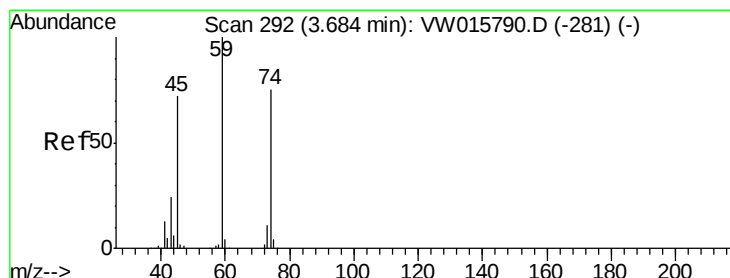
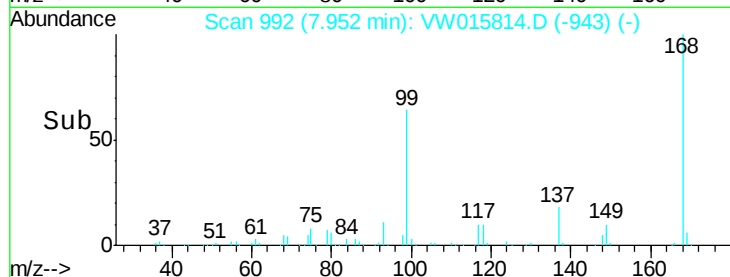
40000

20000

0

Time-->

7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.007 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW015814.D

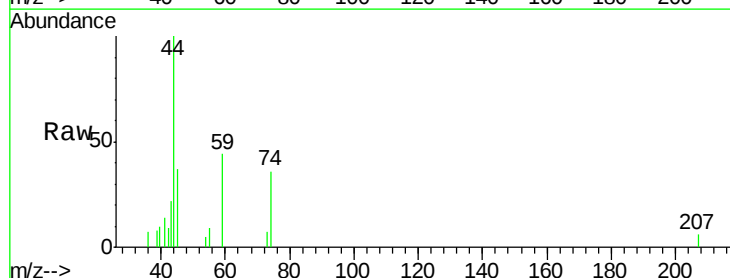
Acq: 08 Jul 2020 17:15

Tgt Ion: 74 Resp: 769

Ion Ratio Lower Upper

74 100

45 120.2 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

300

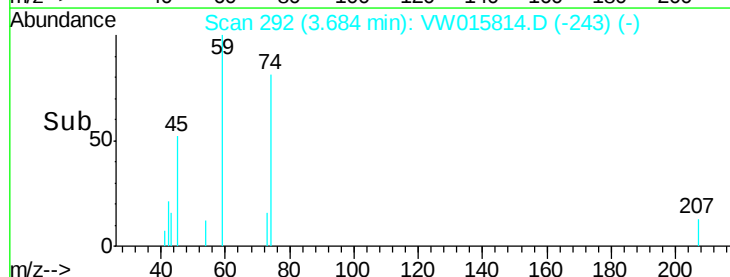
200

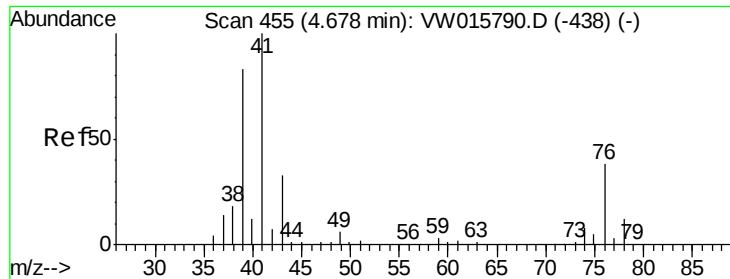
100

0

Time-->

3.60 3.65 3.70 3.75

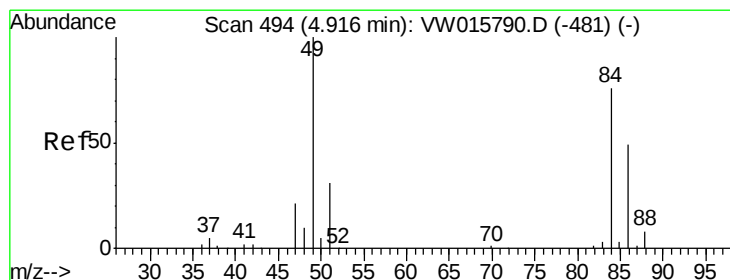
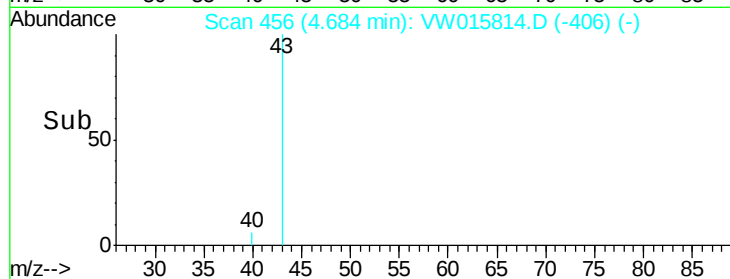
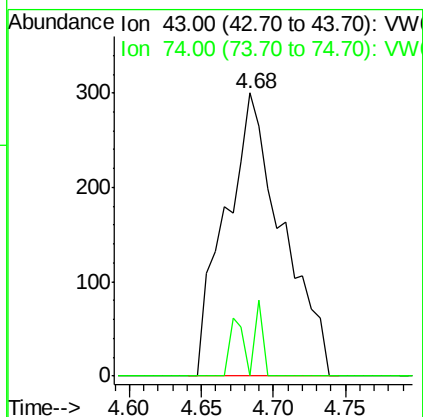
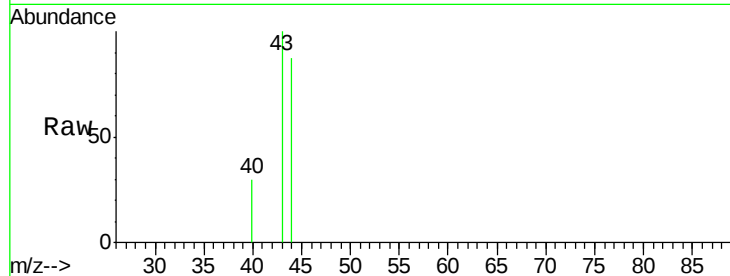




#18
Methyl Acetate
Concen: 1.214 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015814.D
Acq: 08 Jul 2020 17:15

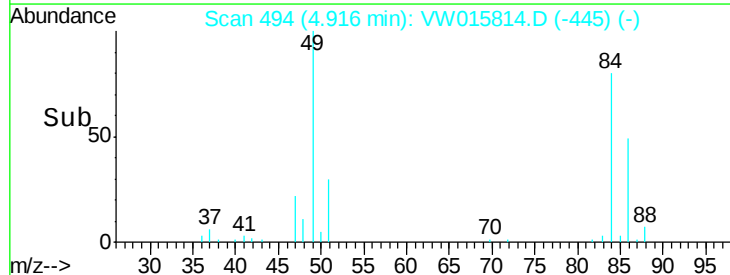
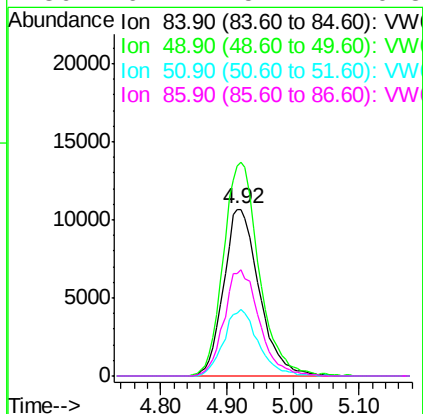
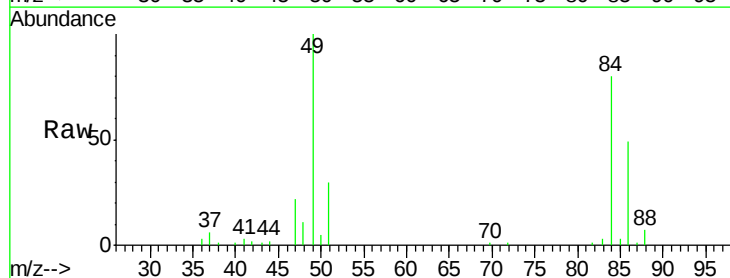
Instrument :
MSVOA_W
ClientSampleId :
RO-20

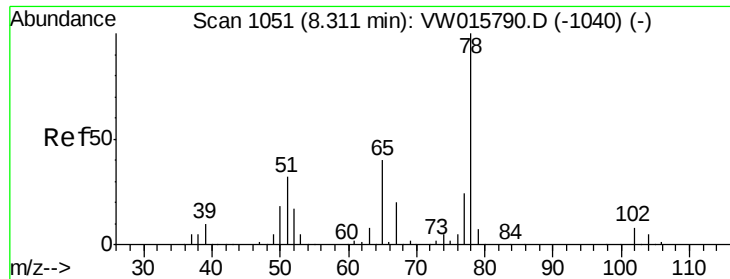
Tot Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
74 5.1 19.2 28.8#



#20
Methylene Chloride
Concen: 23.735 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015814.D
Acq: 08 Jul 2020 17:15

Tgt Ion: 84 Resp: 39929
Ion Ratio Lower Upper
84 100
49 125.5 105.0 157.6
51 37.4 32.3 48.5
86 61.7 51.2 76.8

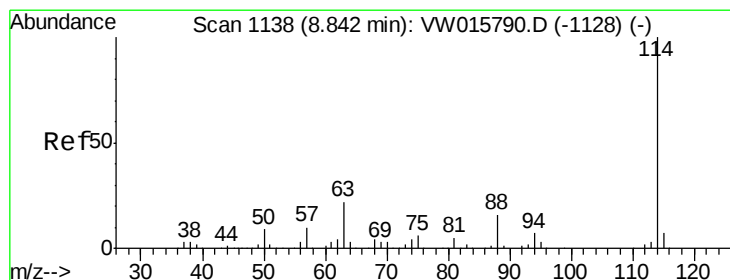
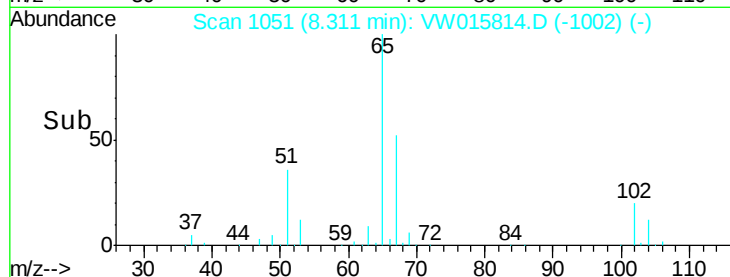
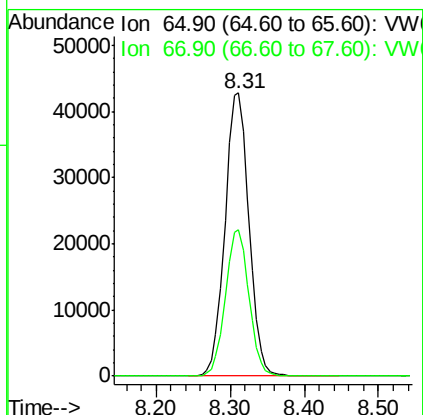
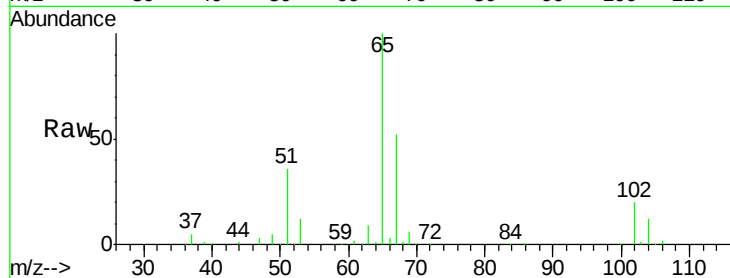




#33
 1,2-Dichloroethane-d4
 Concen: 60.702 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015814.D
 Acq: 08 Jul 2020 17:15

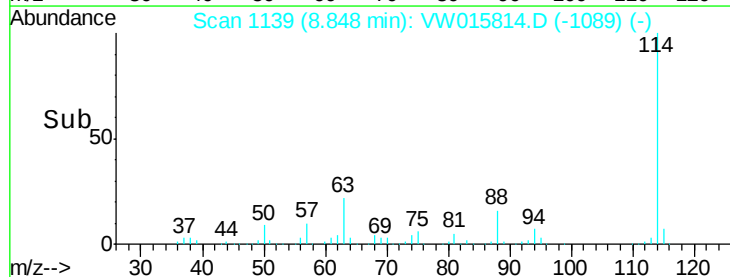
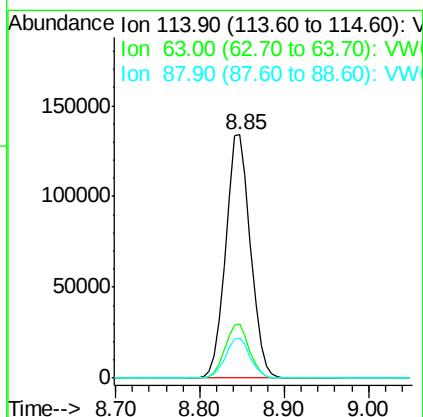
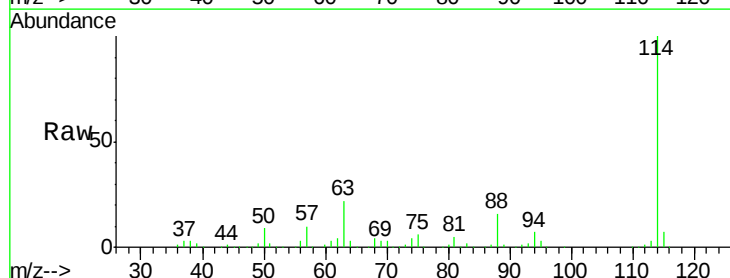
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-20

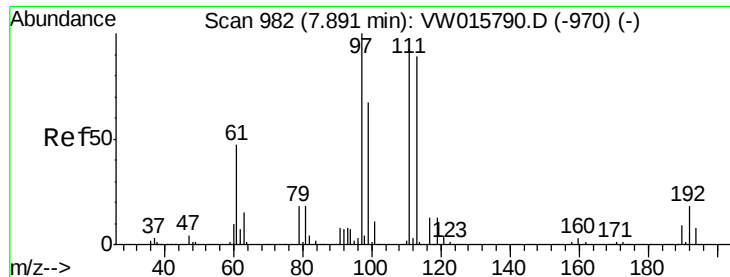
Tot Ion: 65 Resp: 96508
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015814.D
 Acq: 08 Jul 2020 17:15

Tgt Ion: 114 Resp: 268700
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.4
 88 16.5 0.0 32.6

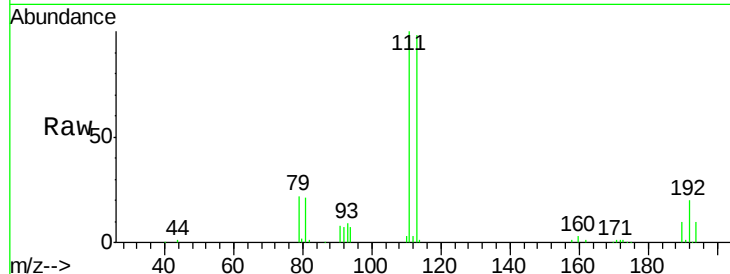




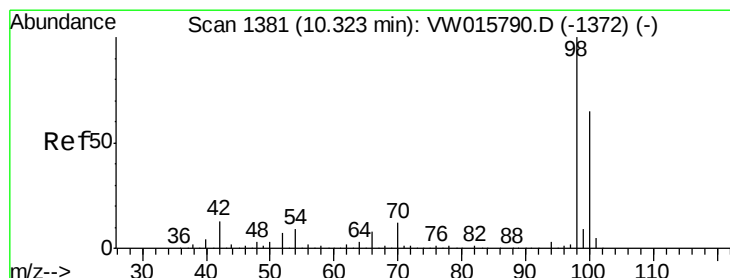
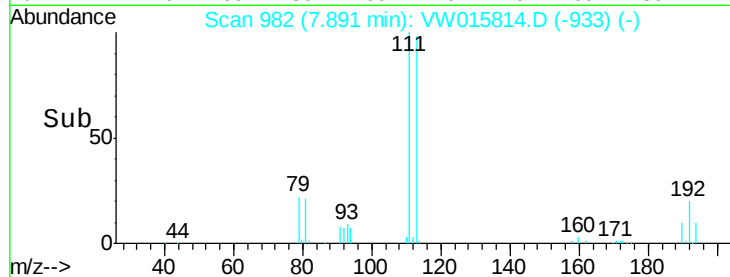
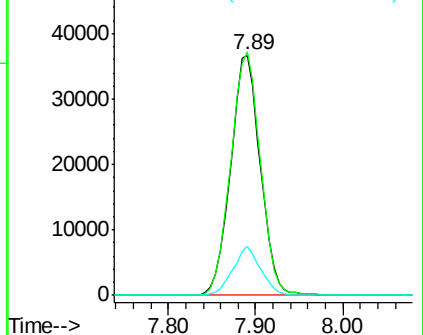
#35
 Dibromofluoromethane
 Concen: 55.122 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015814.D
 Acq: 08 Jul 2020 17:15

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-20

Tot Ion:113 Resp: 86411
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.8 124.2
 192 19.0 15.4 23.2

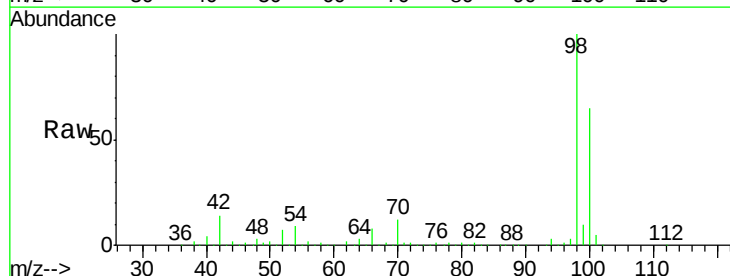


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

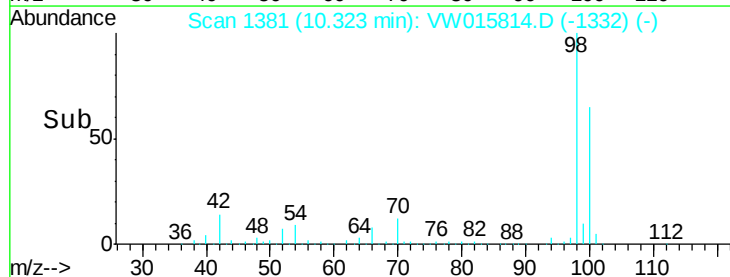
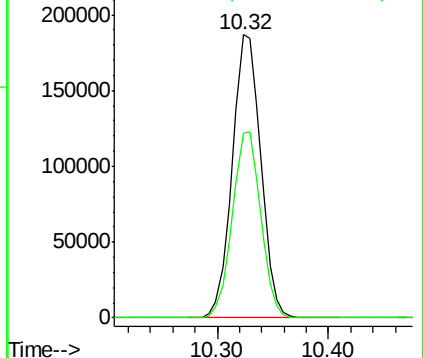


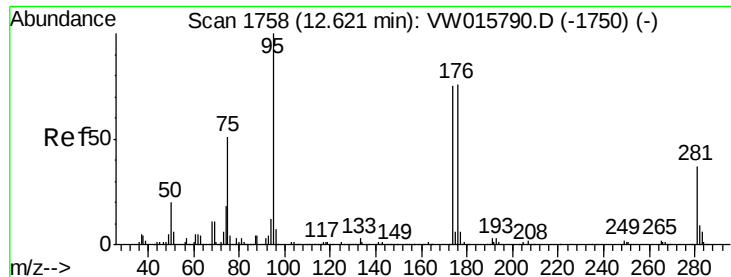
#50
 Toluene-d8
 Concen: 55.061 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW015814.D
 Acq: 08 Jul 2020 17:15

Tgt Ion: 98 Resp: 331552
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.6 79.0



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

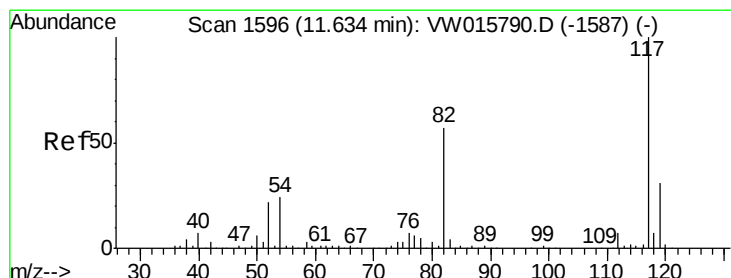
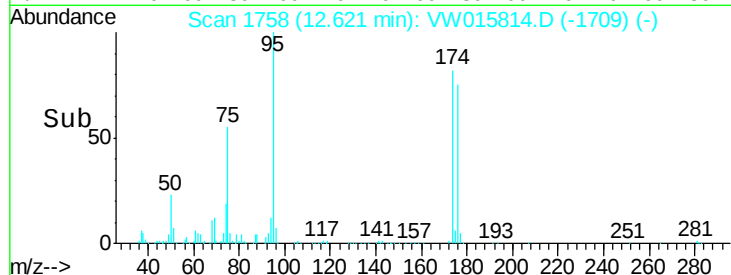
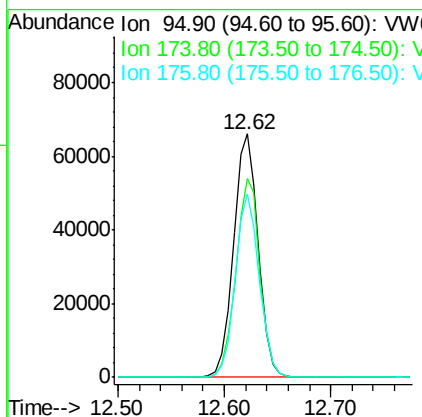
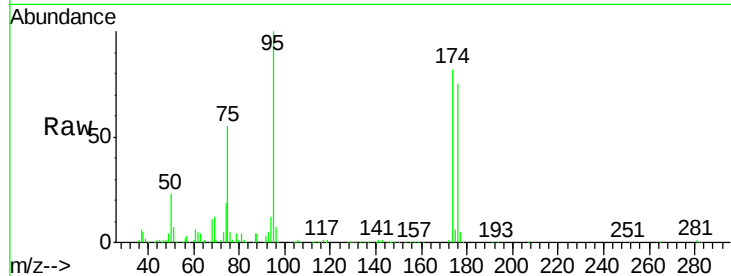




#62
4-Bromofluorobenzene
Concen: 48.213 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015814.D
Acq: 08 Jul 2020 17:15

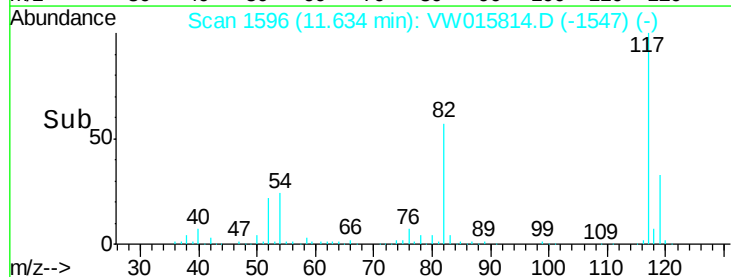
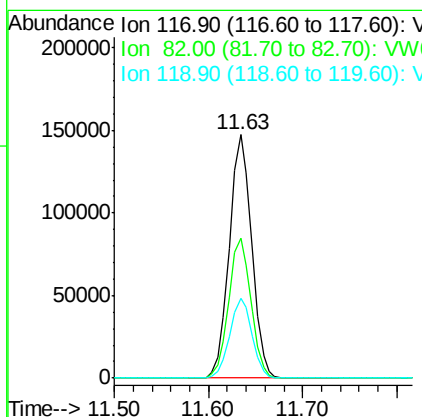
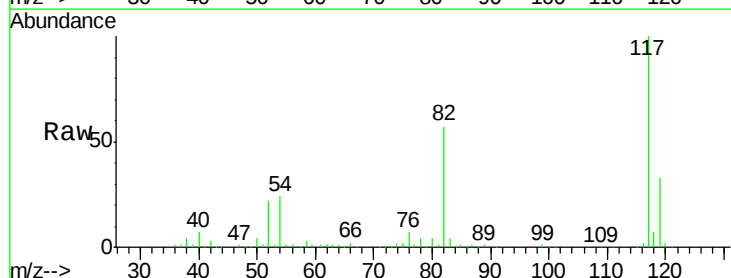
Instrument :
MSVOA_W
ClientSampleId :
RO-20

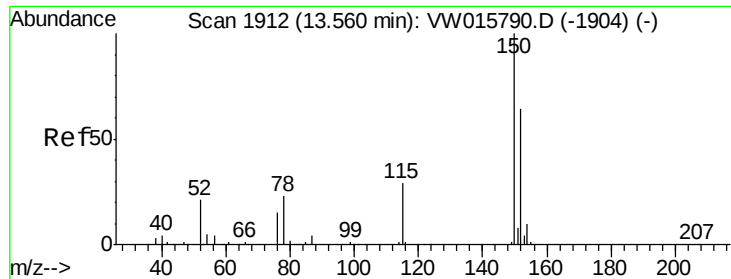
Tot Ion: 95 Resp: 106531
Ion Ratio Lower Upper
95 100
174 80.3 0.0 150.2
176 73.8 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015814.D
Acq: 08 Jul 2020 17:15

Tgt Ion: 117 Resp: 242998
Ion Ratio Lower Upper
117 100
82 57.5 45.5 68.3
119 32.6 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015814.D

Acq: 08 Jul 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

RO-20

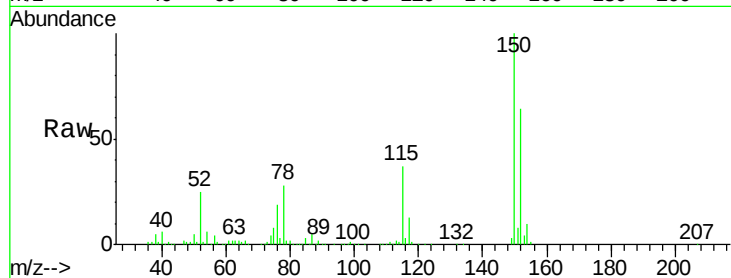
Tot Ion:152 Resp: 101295

Ion Ratio Lower Upper

152 100

115 60.4 29.9 89.7

150 162.6 0.0 350.8



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

