

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003247.D
 Acq On : 20 Jul 2020 21:11
 Operator : SY/MD
 Sample : L3308-21
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 21

Quant Time: Jul 21 05:38:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

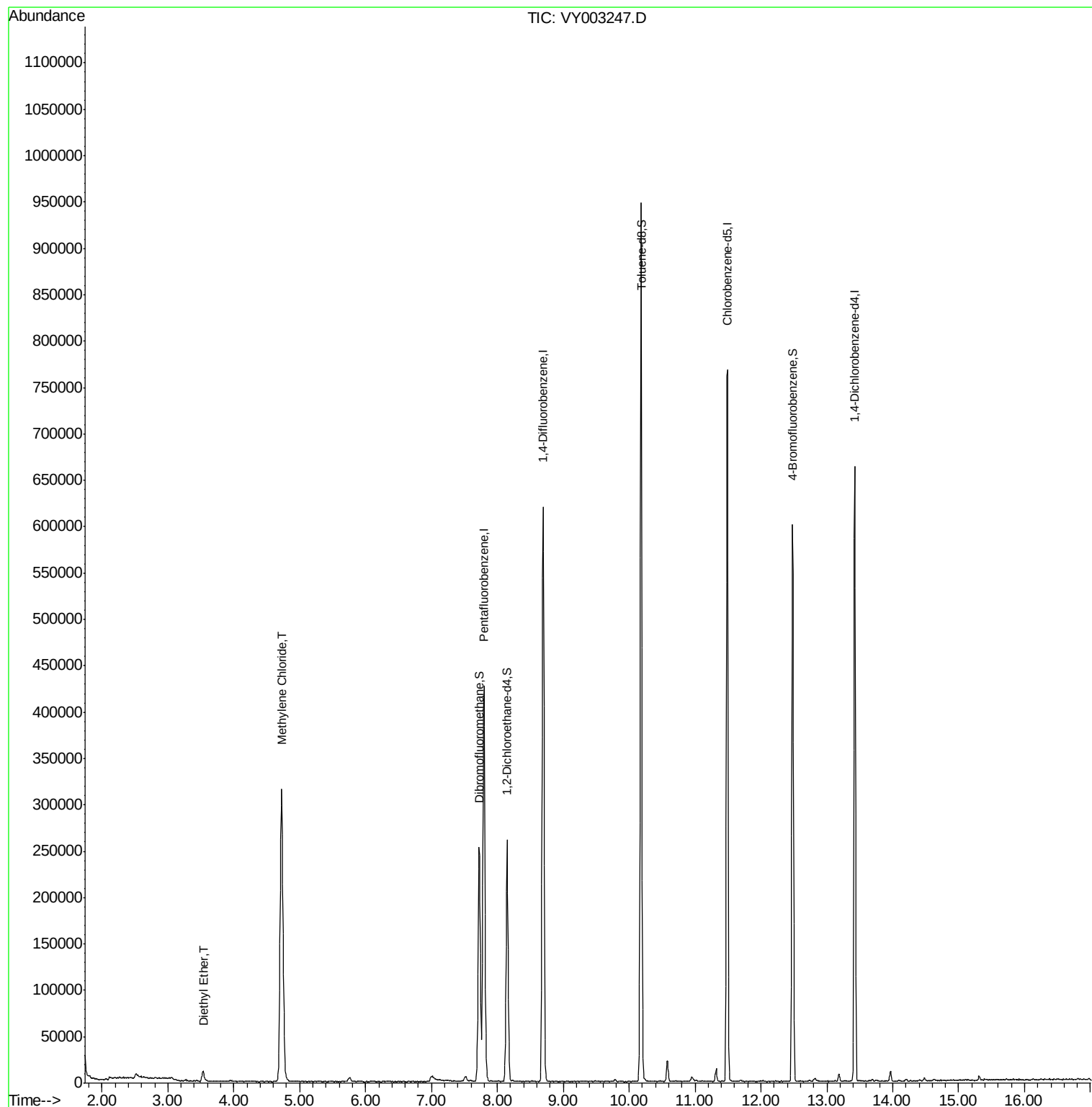
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	342615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	517539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	424747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	169134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	196968	68.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.22%	
35) Dibromofluoromethane	7.72	113	175581	58.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.90%	
50) Toluene-d8	10.18	98	609744	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
62) 4-Bromofluorobenzene	12.48	95	169482	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
Target Compounds						
8) Diethyl Ether	3.54	74	5998	3.586	ug/l	82
20) Methylene Chloride	4.72	84	236867	75.708	ug/l	94

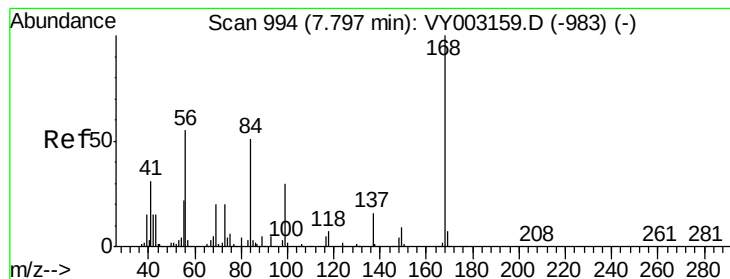
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003247.D

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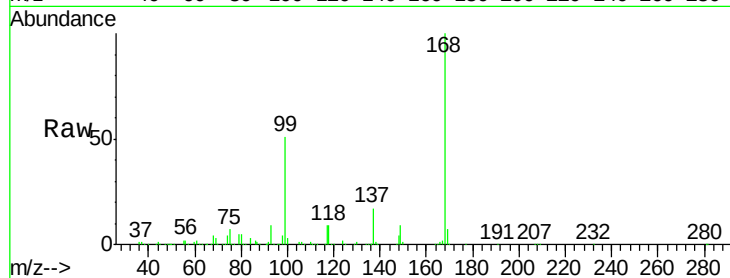
Instrument :
MSVOA_Y
ClientSampleId :
21

Tot Ion:168 Resp: 342615

Ion Ratio Lower Upper

168 100

99 50.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

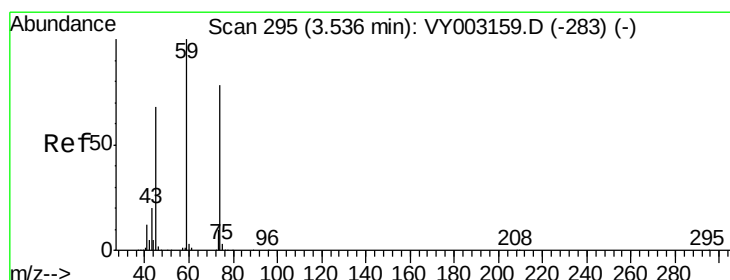
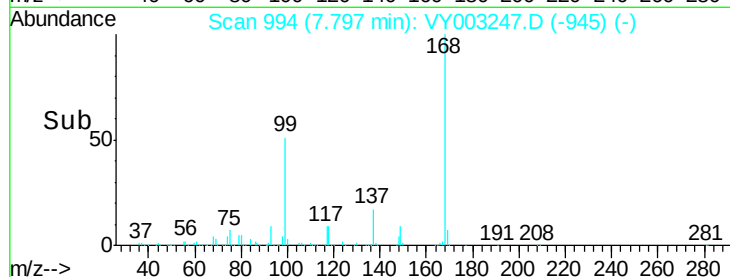
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 3.586 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003247.D

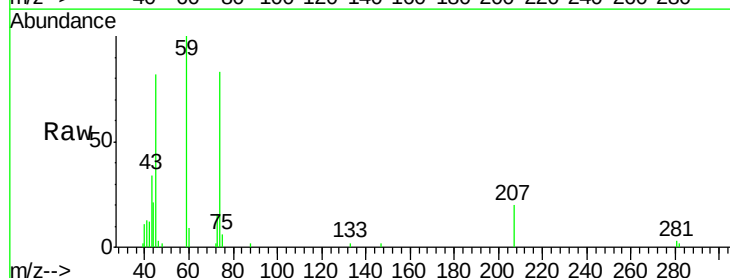
Acq: 20 Jul 2020 21:11

Tgt Ion: 74 Resp: 5998

Ion Ratio Lower Upper

74 100

45 107.4 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003159.D (-283) (-)

Ion 45.00 (44.70 to 45.70): VY003159.D (-283) (-)

3.54

3000

2500

2000

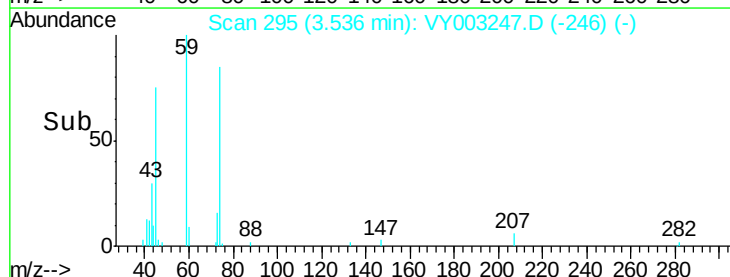
1500

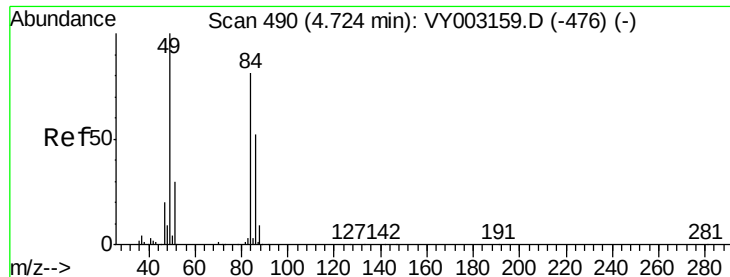
1000

500

0

Time-->

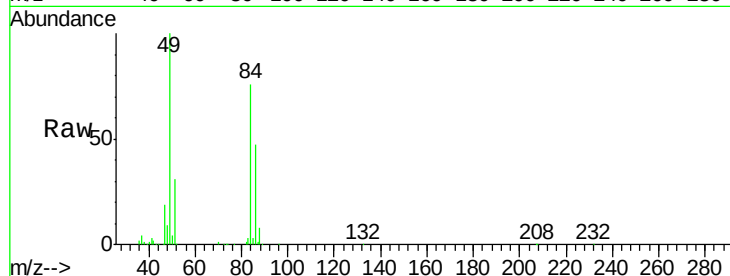




#20
Methylene Chloride
Concen: 75.708 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003247.D
Acq: 20 Jul 2020 21:11

Instrument :
MSVOA_Y
ClientSampled :
21

Tot Ion	Ratio	Lower	Upper
84	100		
49	131.8	98.2	147.4
51	40.9	29.8	44.6
86	62.4	51.2	76.8



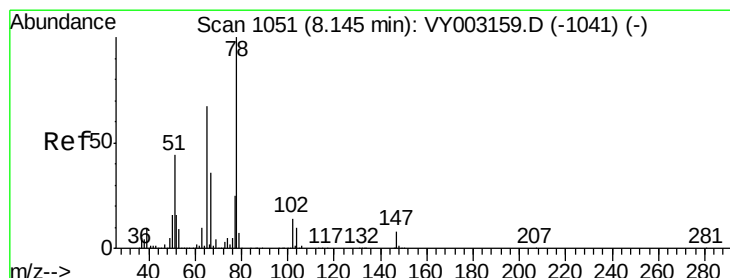
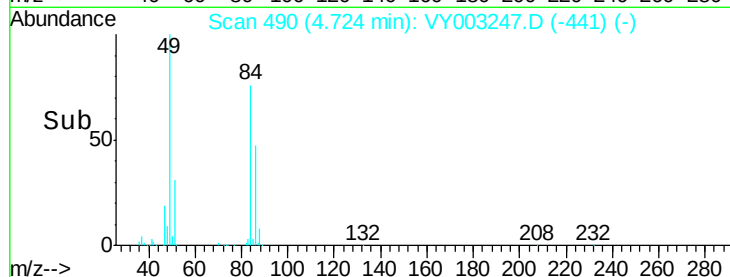
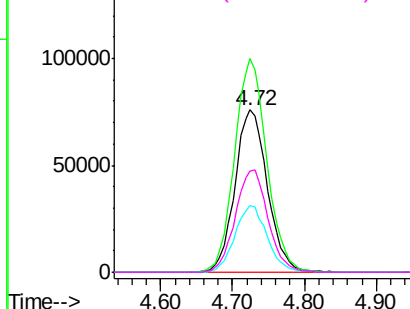
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

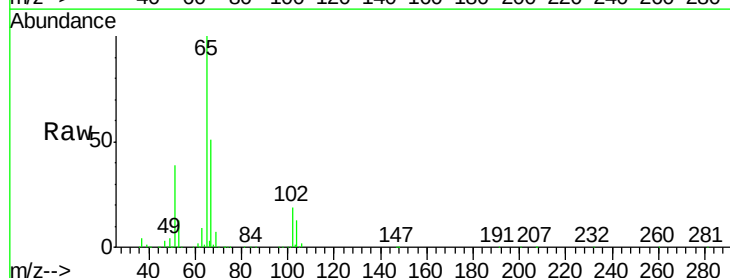
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#33
1,2-Dichloroethane-d4
Concen: 68.113 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003247.D
Acq: 20 Jul 2020 21:11

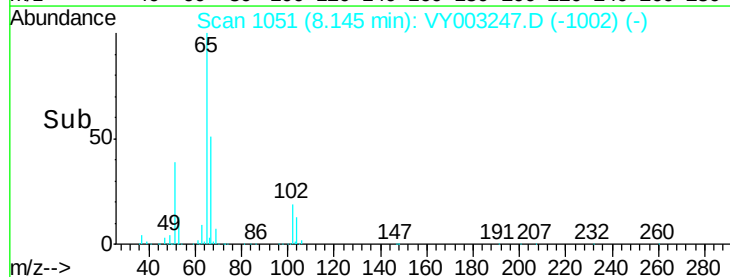
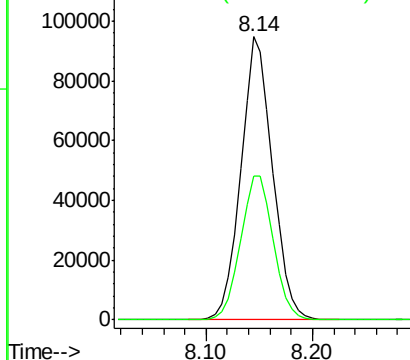
Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.2

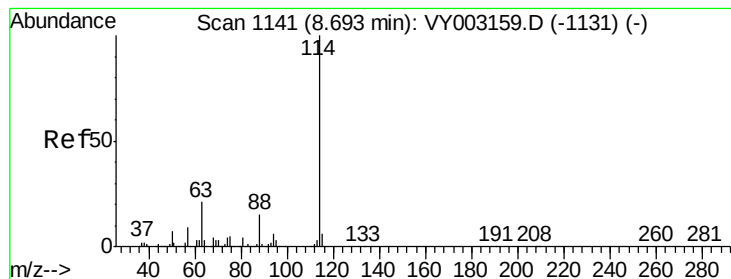


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003247.D

Acq: 20 Jul 2020 21:11

Instrument :

MSVOA_Y

ClientSampleId :

21

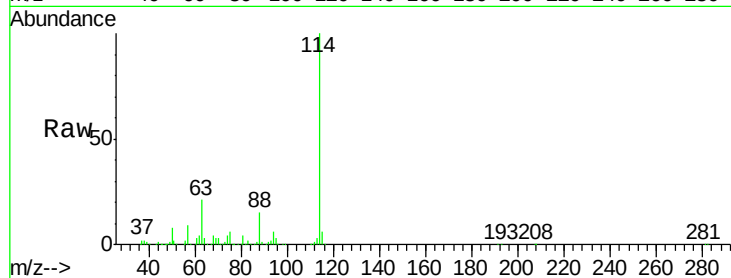
Tot Ion:114 Resp: 517539

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.2

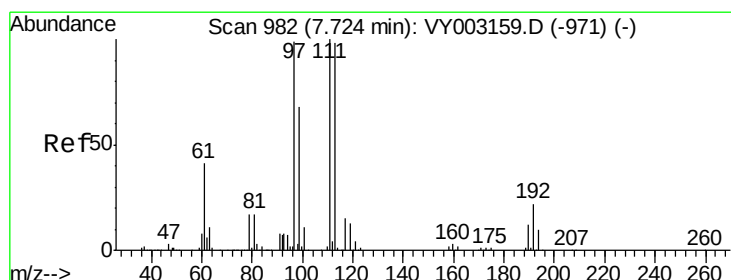
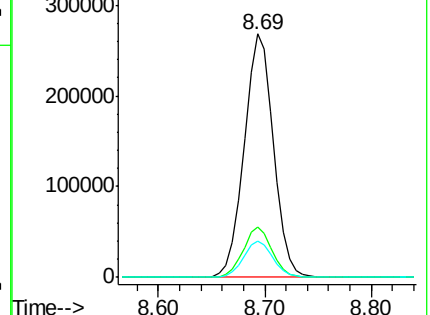
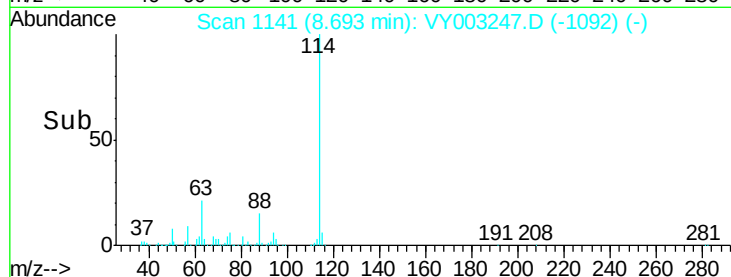
88 14.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 58.953 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003247.D

Acq: 20 Jul 2020 21:11

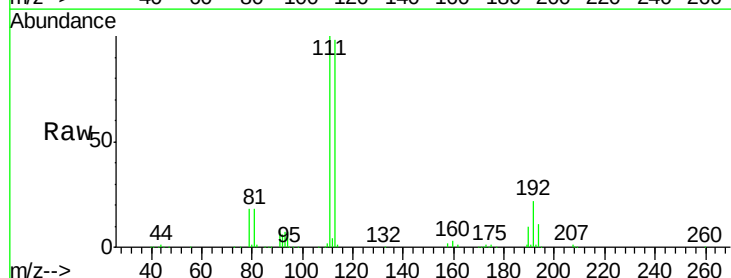
Tgt Ion:113 Resp: 175581

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

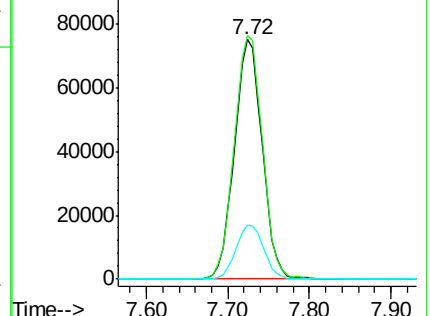
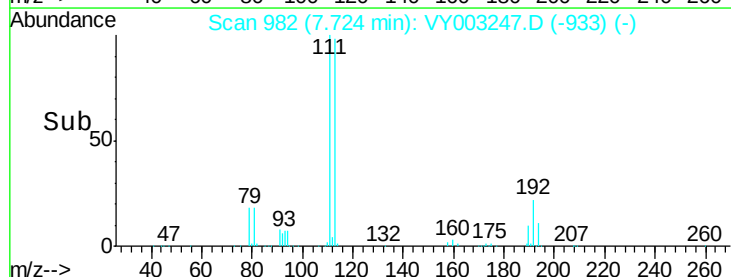
192 22.7 18.8 28.2

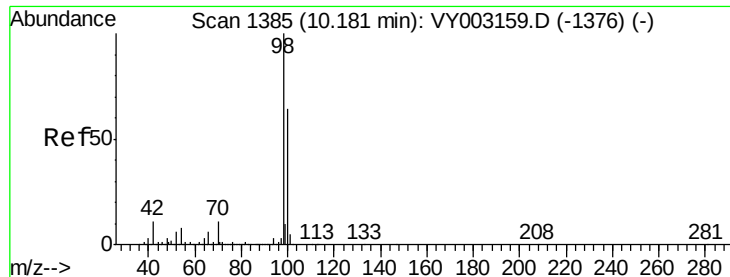


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.066 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003247.D

Acq: 20 Jul 2020 21:11

Instrument :

MSVOA_Y

ClientSampleId :

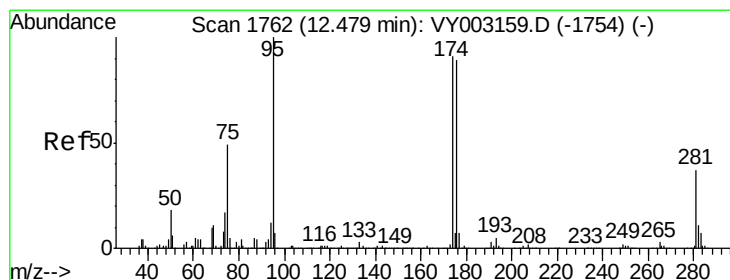
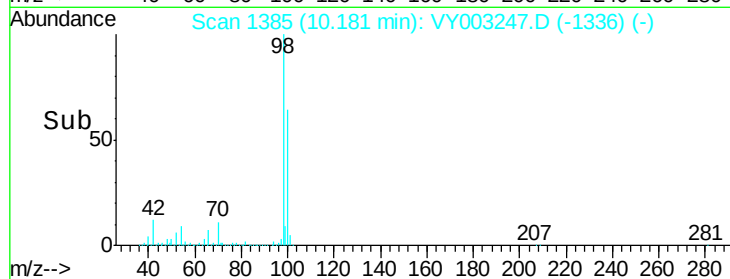
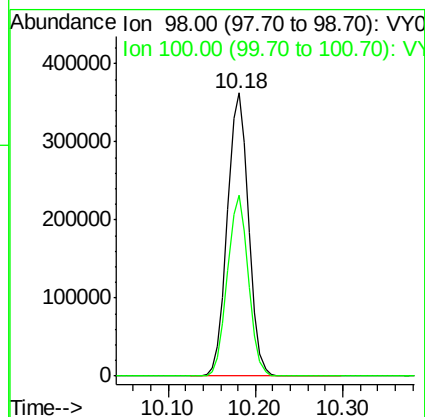
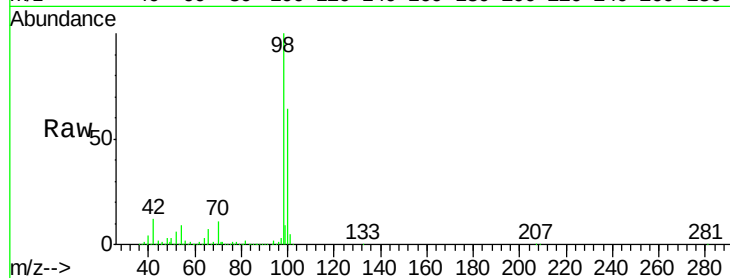
21

Tot Ion: 98 Resp: 609744

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 42.368 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003247.D

Acq: 20 Jul 2020 21:11

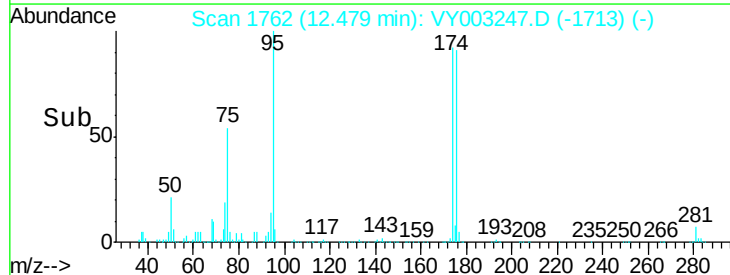
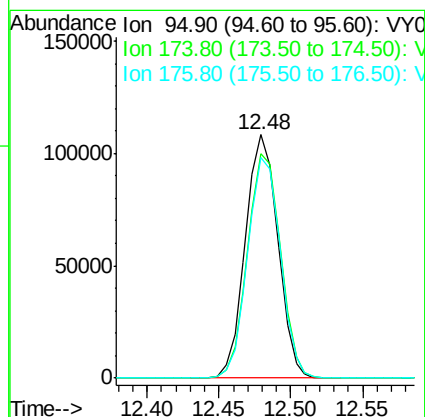
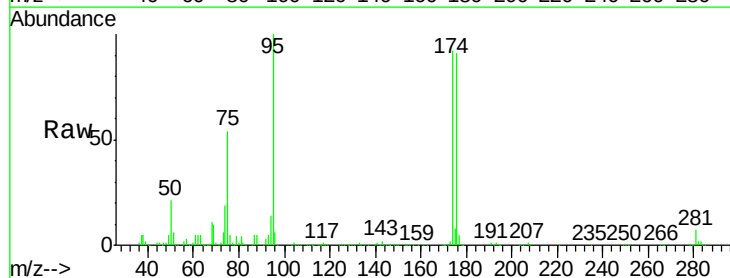
Tgt Ion: 95 Resp: 169482

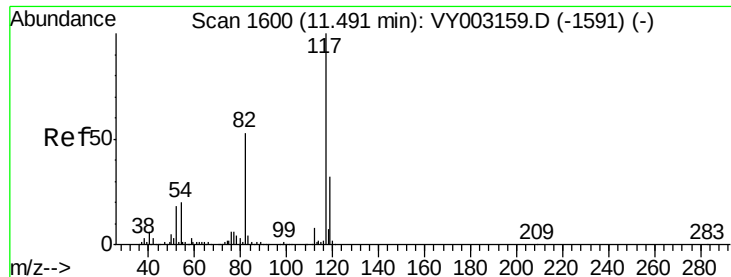
Ion Ratio Lower Upper

95 100

174 93.5 0.0 190.6

176 91.1 0.0 186.4

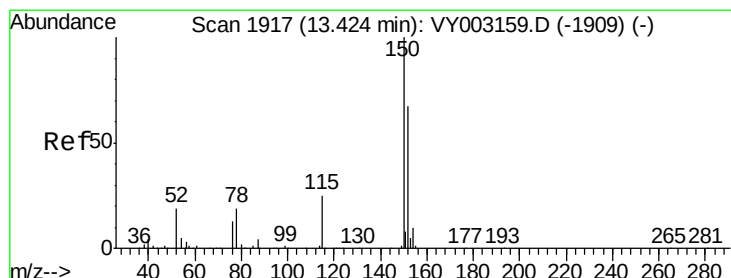
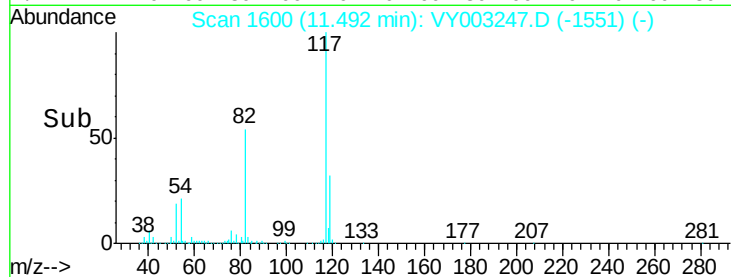
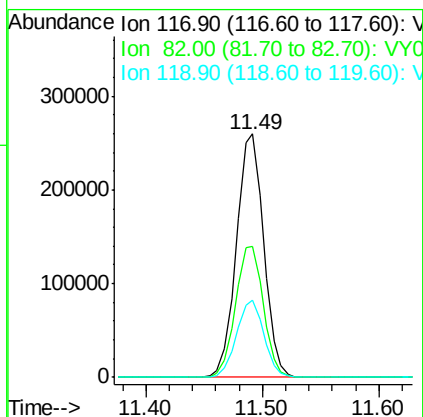
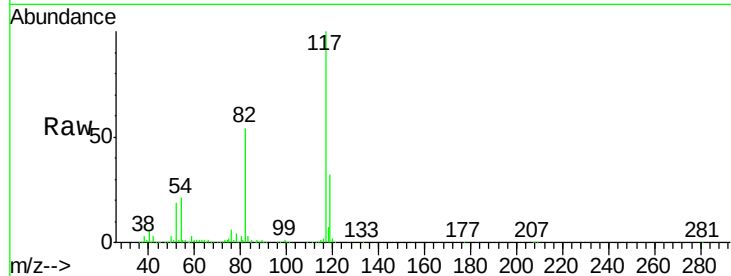




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003247.D
Acq: 20 Jul 2020 21:11

Instrument :
MSVOA_Y
ClientSampleId :
21

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.0	63.0
119	31.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003247.D
Acq: 20 Jul 2020 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	26.9	80.7
150	157.3	0.0	338.0

