

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003241.D
 Acq On : 20 Jul 2020 18:53
 Operator : SY/MD
 Sample : L3308-15RE
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15RE

Quant Time: Jul 21 04:56:28 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

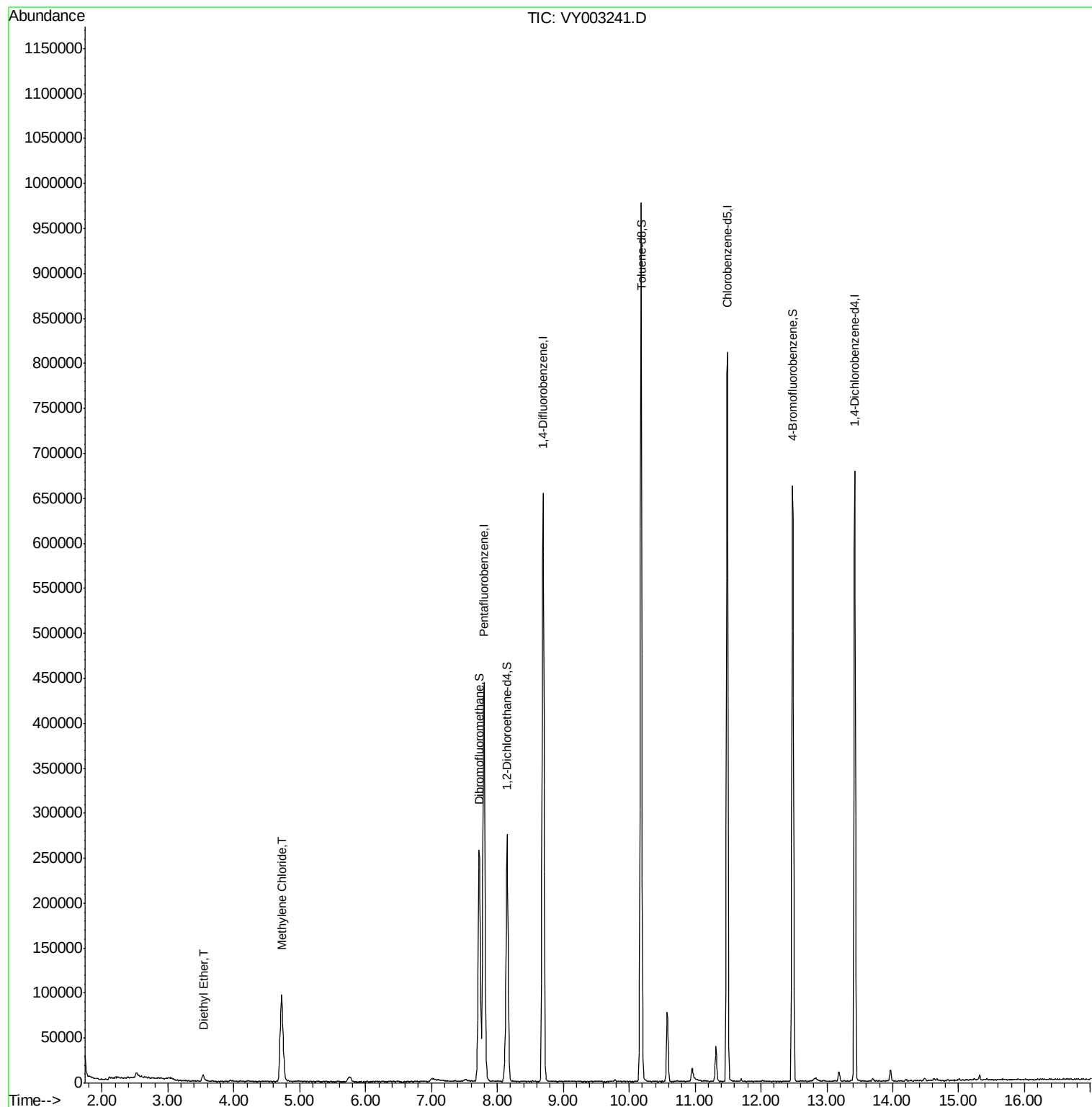
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	540494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	444622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	209326	69.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.62%	
35) Dibromofluoromethane	7.72	113	182877	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
50) Toluene-d8	10.18	98	632996	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
62) 4-Bromofluorobenzene	12.48	95	178347	42.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.38%	
Target Compounds						
8) Diethyl Ether	3.53	74	3629	2.078	ug/l	82
20) Methylene Chloride	4.72	84	71537	17.506	ug/l	97

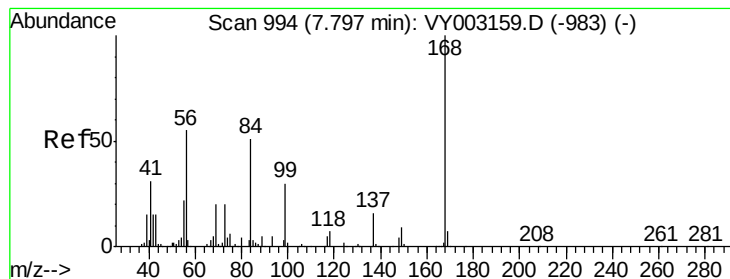
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
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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: VY003241.D

Acq: 20 Jul 2020 18:53

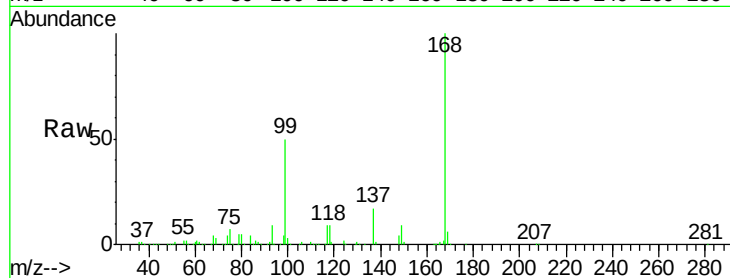
Instrument :
MSVOA_Y
ClientSampled :
15RE

Tot Ion:168 Resp: 357800

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003241.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003241.D (-945) (-)

7.80

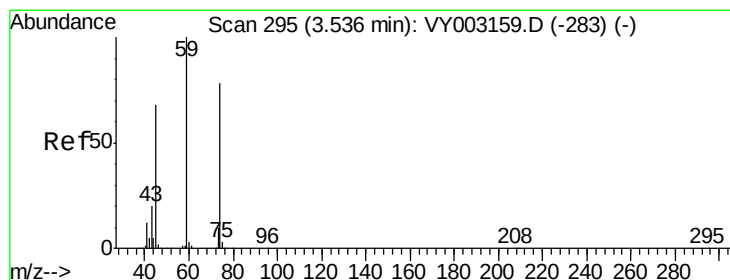
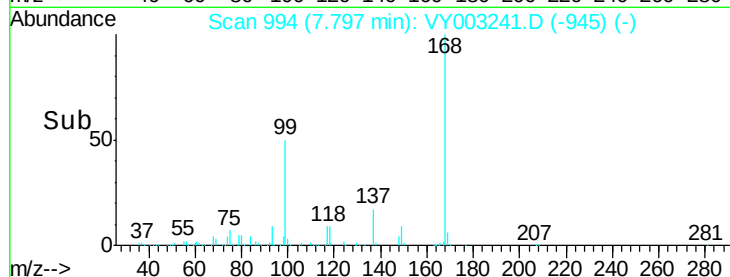
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.078 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003241.D

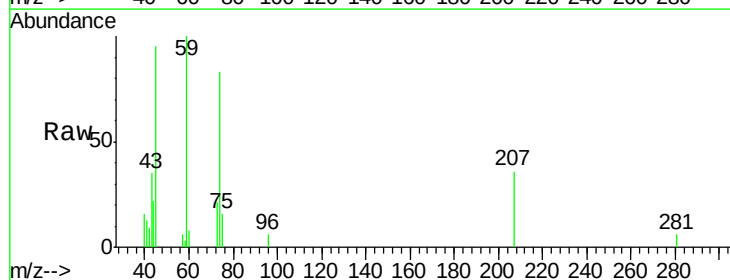
Acq: 20 Jul 2020 18:53

Tgt Ion: 74 Resp: 3629

Ion Ratio Lower Upper

74 100

45 107.2 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003241.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003241.D (-246) (-)

3.53

2000

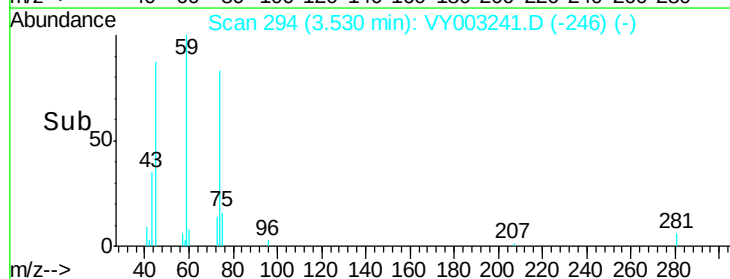
1500

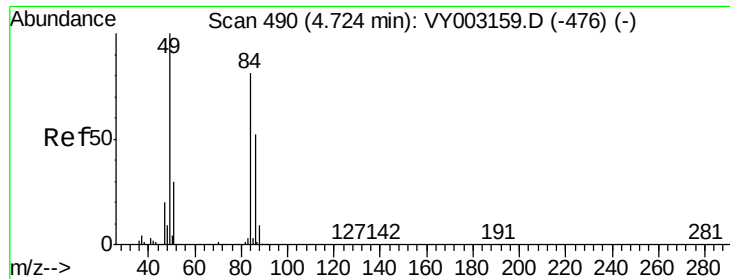
1000

500

0

Time-->

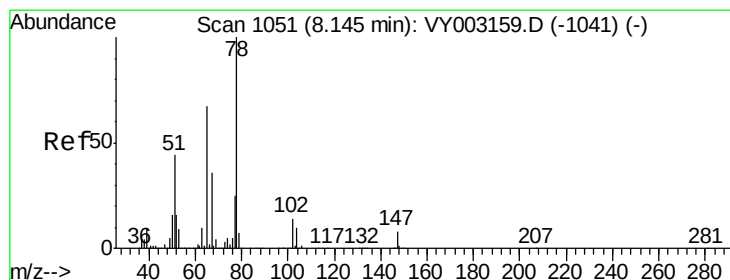
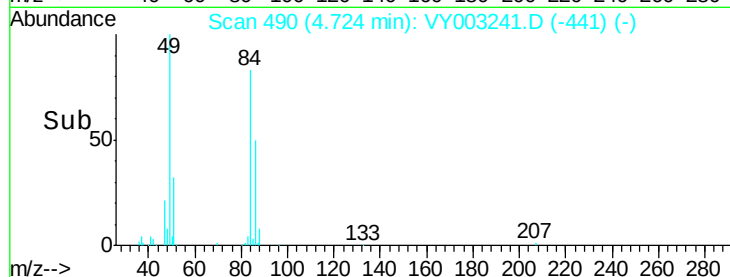
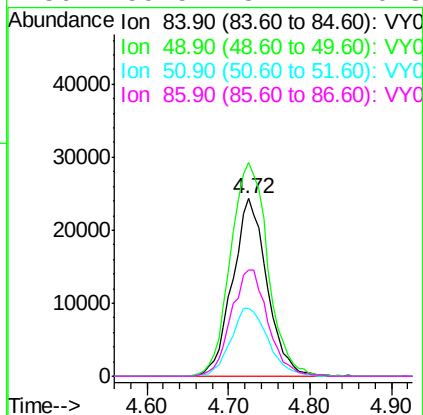
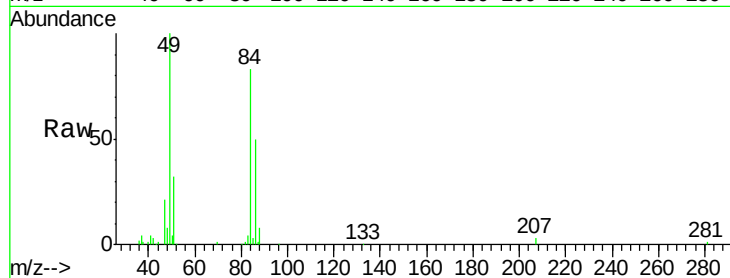




#20
Methylene Chloride
Concen: 17.506 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003241.D
Acq: 20 Jul 2020 18:53

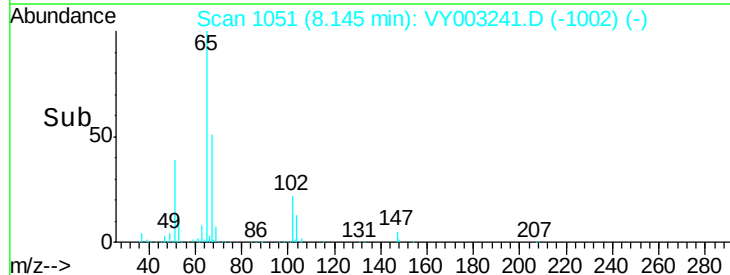
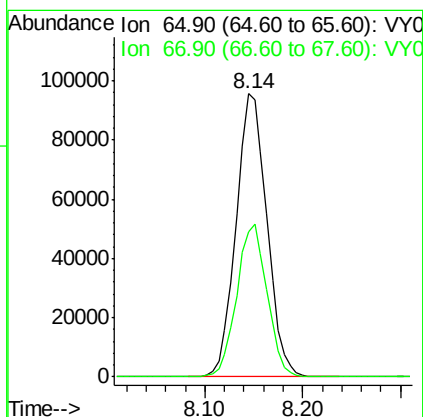
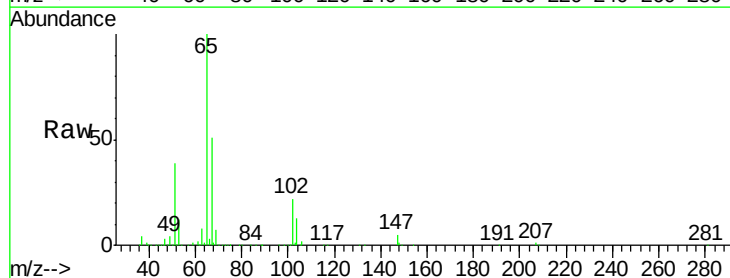
Instrument :
MSVOA_Y
ClientSampleId :
15RE

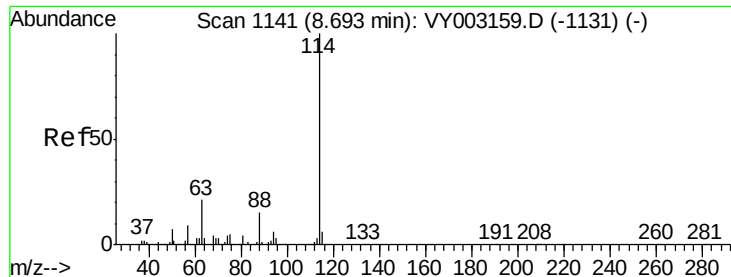
Tot Ion:	84	Resp:	71537
Ion	Ratio	Lower	Upper
84	100		
49	120.1	98.2	147.4
51	38.3	29.8	44.6
86	59.5	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 69.314 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003241.D
Acq: 20 Jul 2020 18:53

Tgt Ion:	65	Resp:	209326
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.2

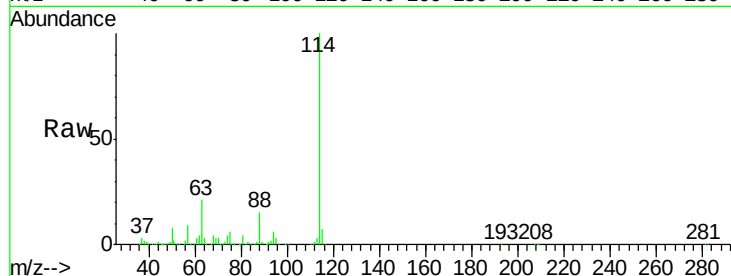




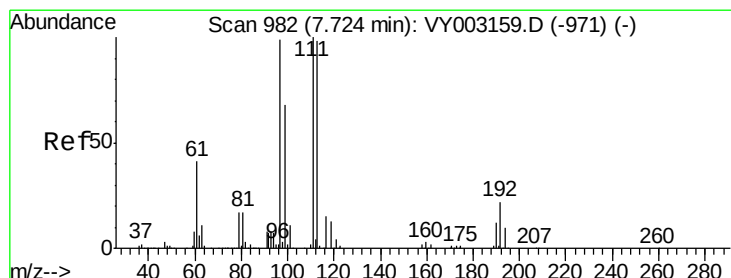
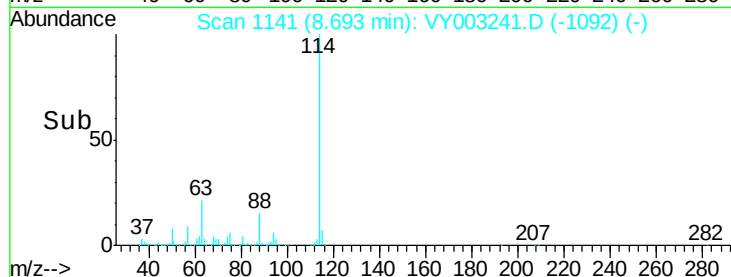
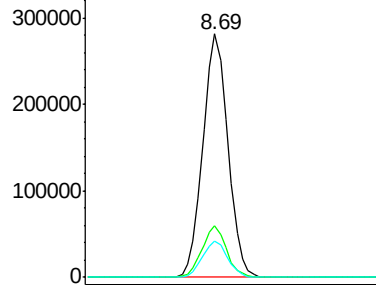
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003241.D
 Acq: 20 Jul 2020 18:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 15RE

Tot Ion:114 Resp: 540494
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.2
 88 15.1 0.0 30.2

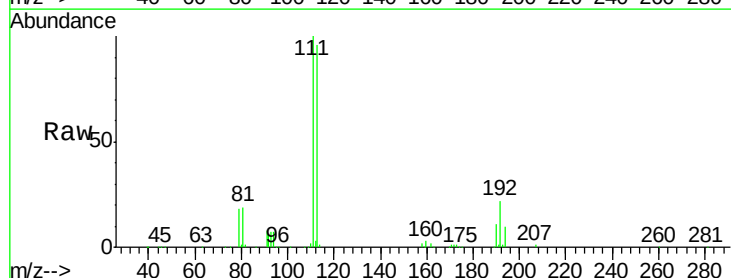


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

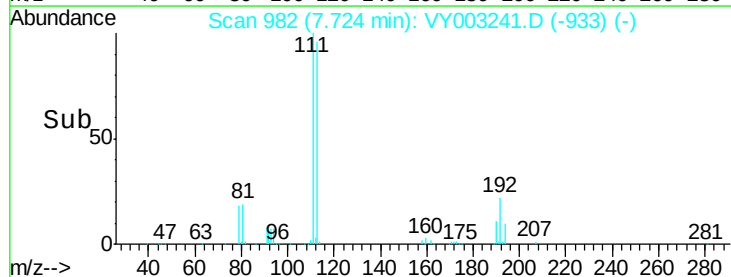
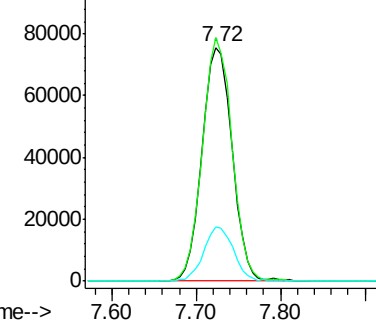


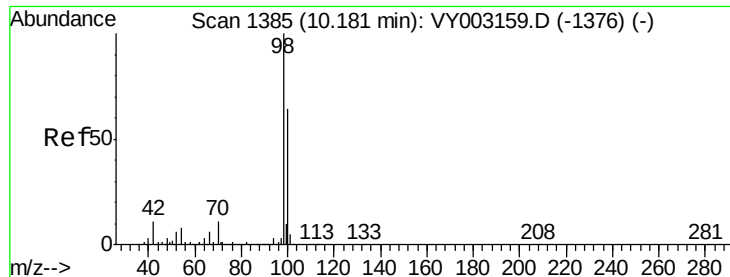
#35
 Dibromofluoromethane
 Concen: 58.795 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003241.D
 Acq: 20 Jul 2020 18:53

Tgt Ion:113 Resp: 182877
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.1 123.1
 192 22.6 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: 54.739 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

Instrument :

MSVOA_Y

ClientSampleId :

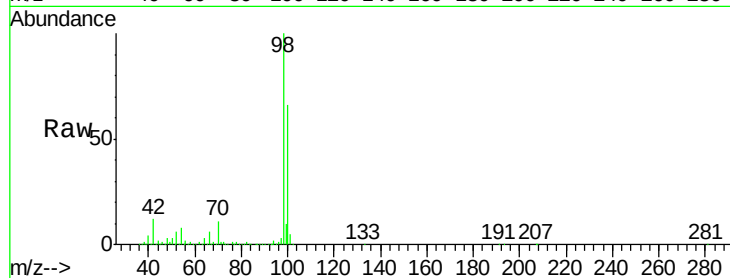
15RE

Tot Ion: 98 Resp: 632996

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

400000

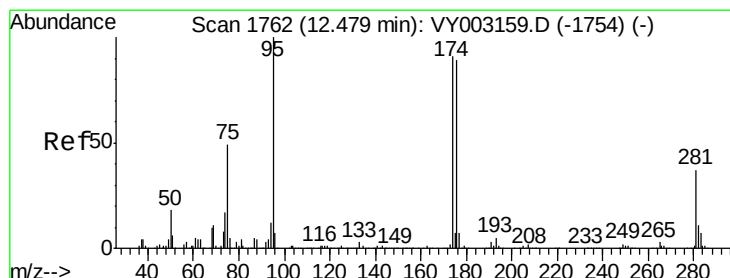
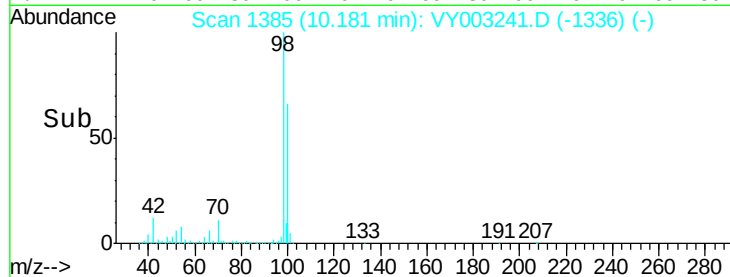
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.691 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

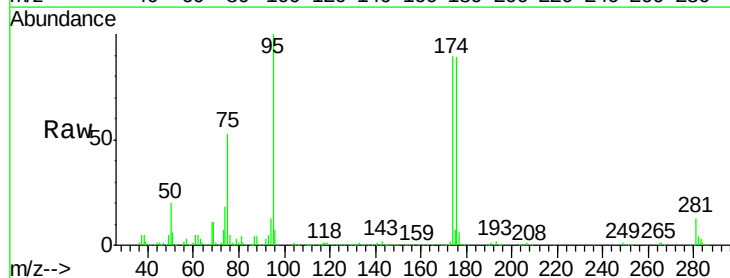
Tgt Ion: 95 Resp: 178347

Ion Ratio Lower Upper

95 100

174 93.9 0.0 190.6

176 91.7 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

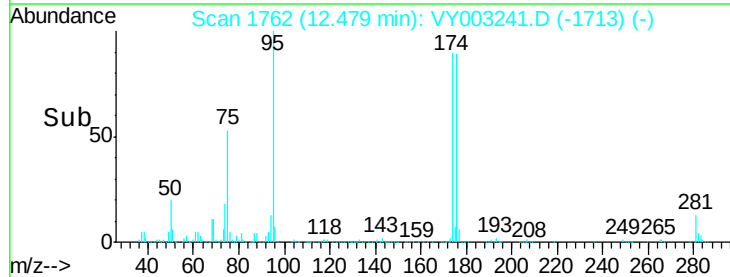
150000

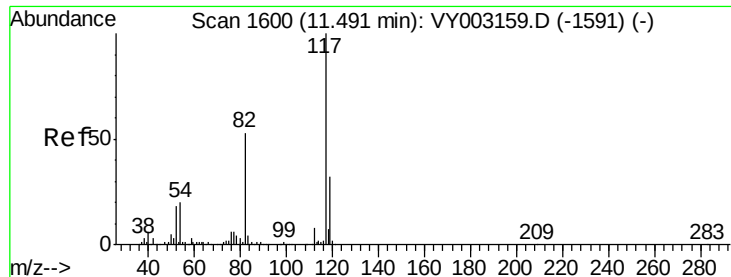
100000

50000

0

Time-->

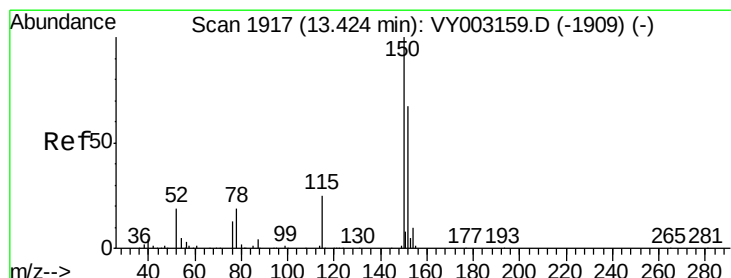
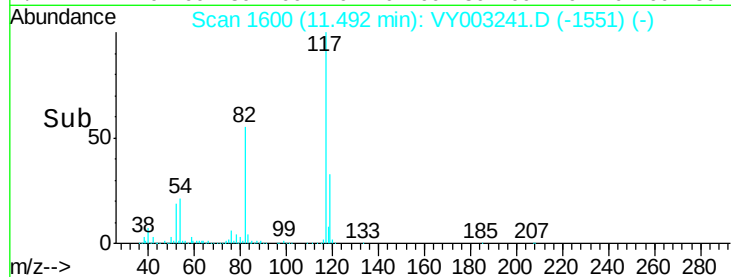
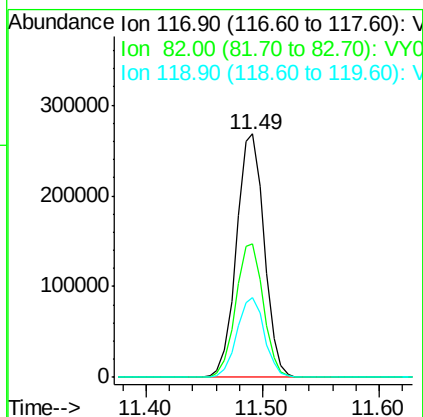
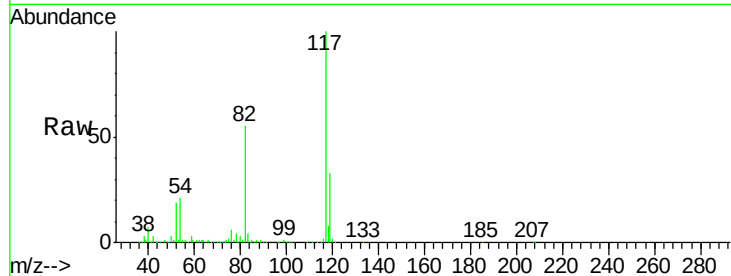




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003241.D
Acq: 20 Jul 2020 18:53

Instrument :
MSVOA_Y
ClientSampleId :
15RE

Tot Ion:117 Resp: 444622
Ion Ratio Lower Upper
117 100
82 55.0 42.0 63.0
119 32.9 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: VY003241.D
Acq: 20 Jul 2020 18:53

Tgt Ion:152 Resp: 171475
Ion Ratio Lower Upper
152 100
115 53.4 26.9 80.7
150 156.2 0.0 338.0

