

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003243.D
 Acq On : 20 Jul 2020 19:39
 Operator : SY/MD
 Sample : L3308-17
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 17

Quant Time: Jul 21 05:01:08 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

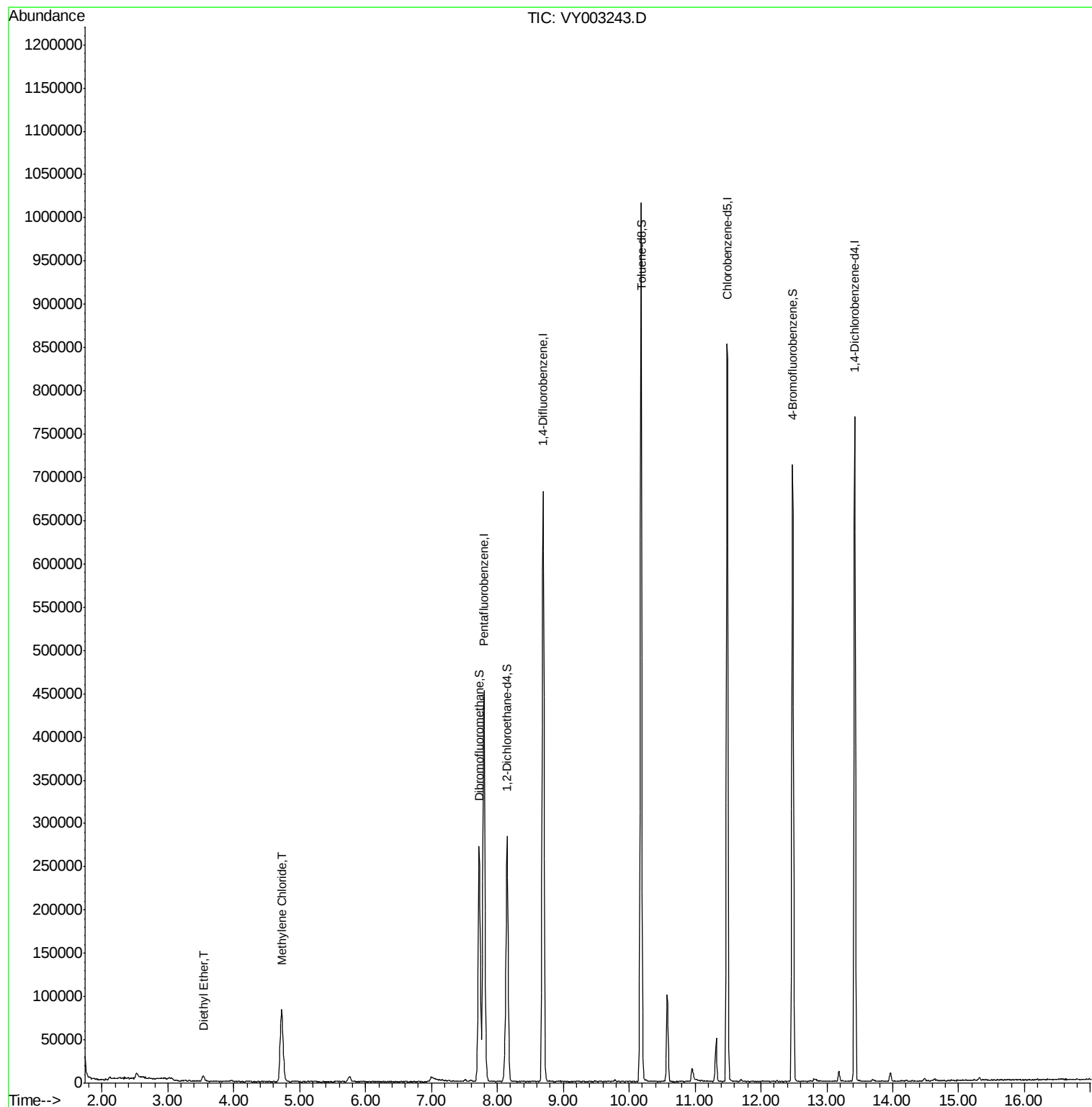
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	364949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	566170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	198015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	215148	69.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.70%	
35) Dibromofluoromethane	7.72	113	184040	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
50) Toluene-d8	10.18	98	655721	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
62) 4-Bromofluorobenzene	12.48	95	193321	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
8) Diethyl Ether	3.54	74	3982	2.235	ug/l	80
20) Methylene Chloride	4.73	84	63328	14.378	ug/l	100

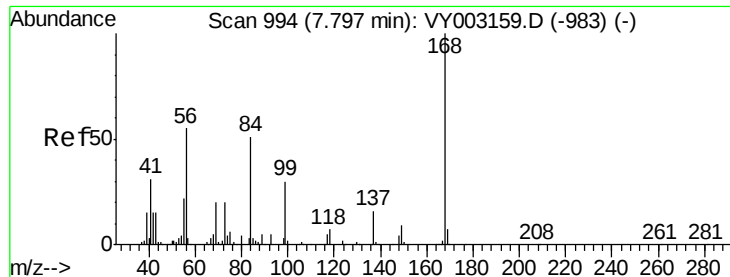
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

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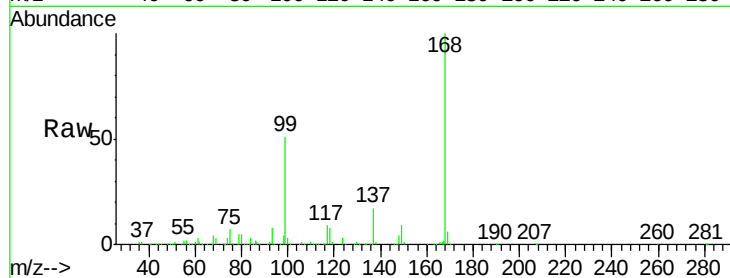
17

Tot Ion:168 Resp: 364949

Ion Ratio Lower Upper

168 100

99 50.9 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

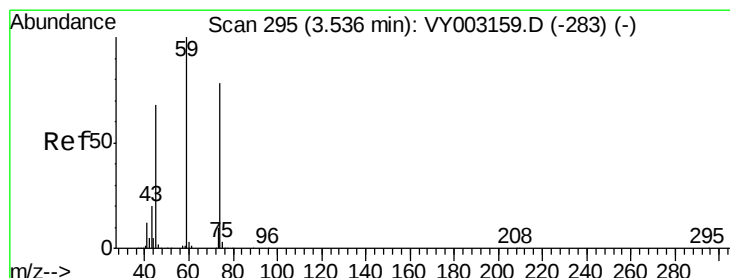
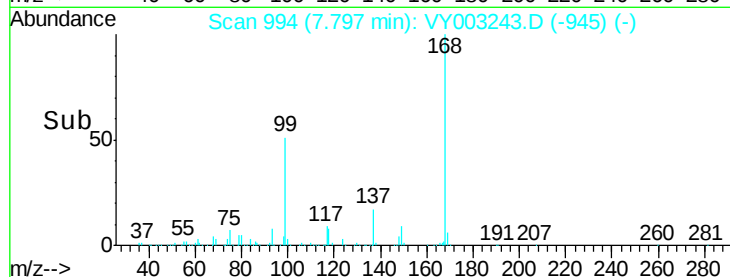
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.235 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003243.D

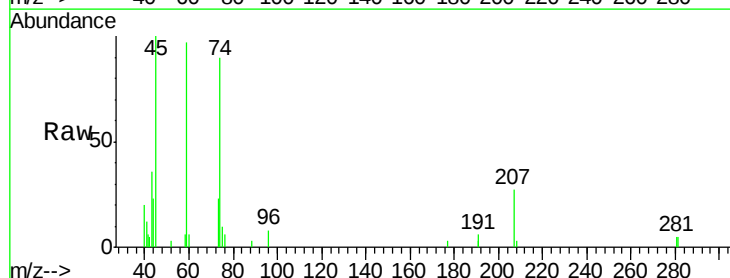
Acq: 20 Jul 2020 19:39

Tgt Ion: 74 Resp: 3982

Ion Ratio Lower Upper

74 100

45 109.5 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

2000

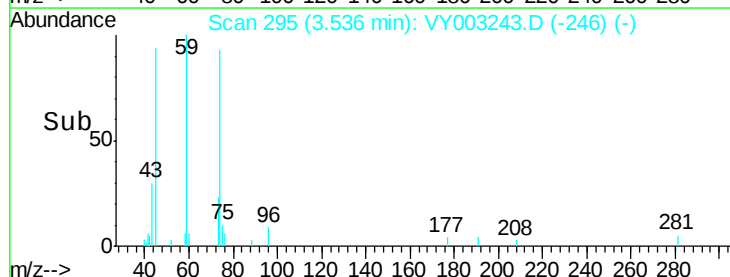
1500

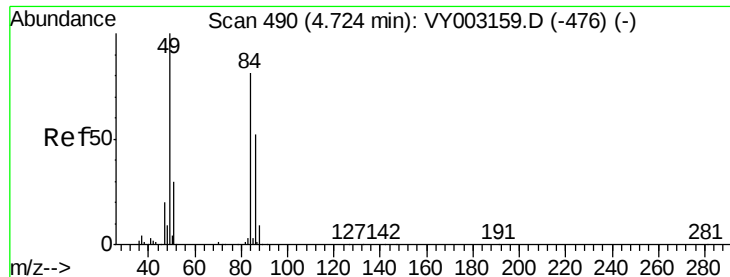
1000

500

0

Time-->

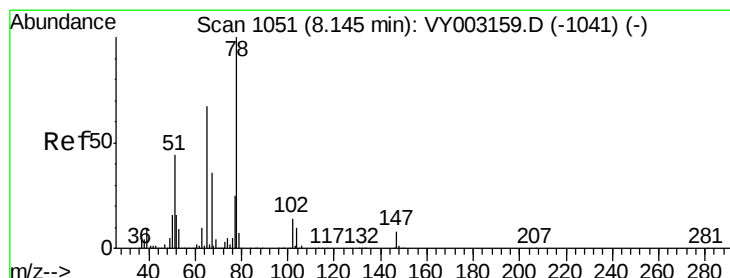
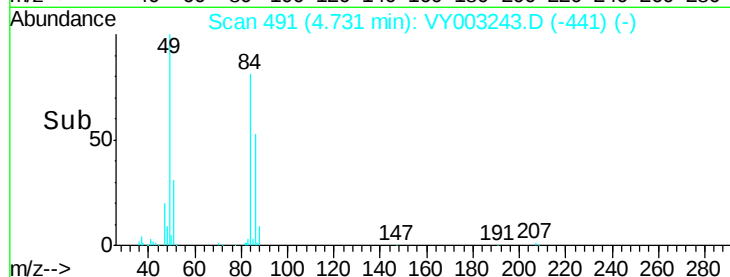
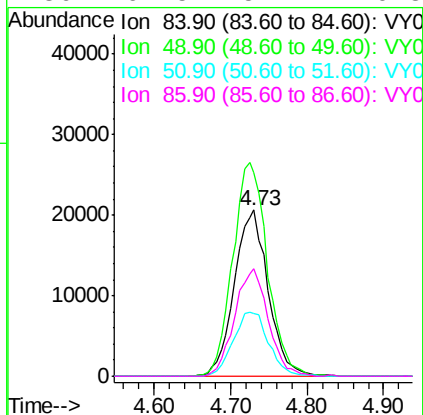
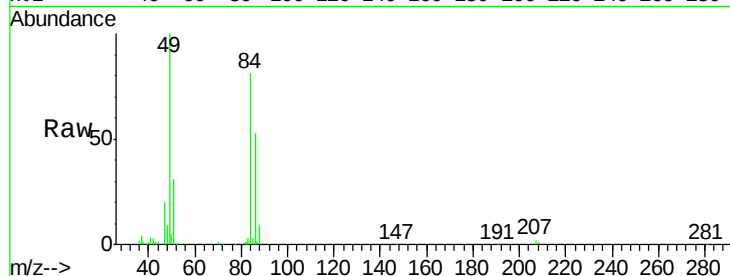




#20
Methylene Chloride
Concen: 14.378 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003243.D
Acq: 20 Jul 2020 19:39

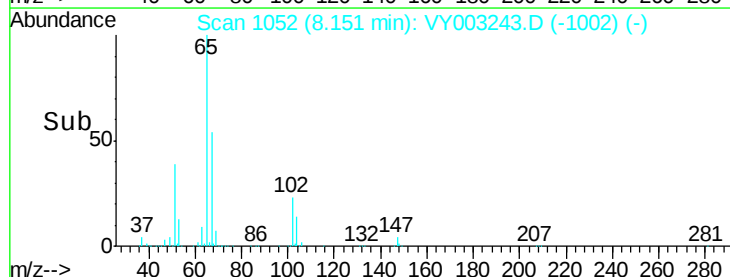
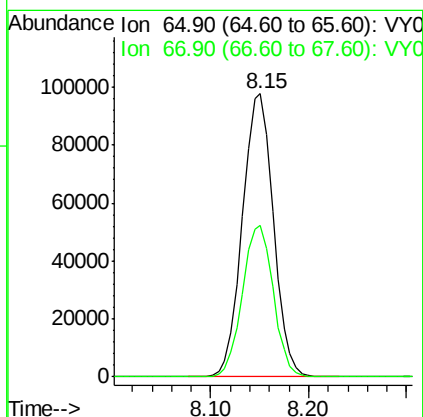
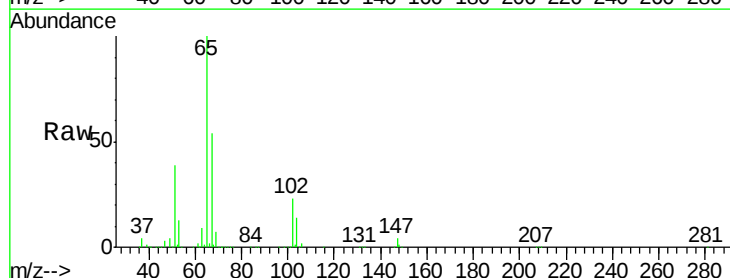
Instrument :
MSVOA_Y
ClientSampleId :
17

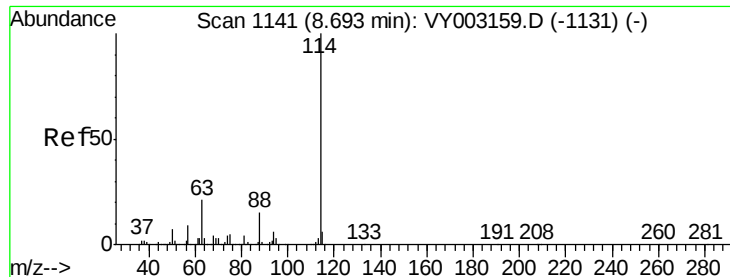
Tot Ion:	84	Resp:	63328
Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.2	147.4
51	37.9	29.8	44.6
86	64.5	51.2	76.8



#33
1,2-Dichloroethane-d4
Concen: 69.847 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003243.D
Acq: 20 Jul 2020 19:39

Tgt Ion:	65	Resp:	215148
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.2

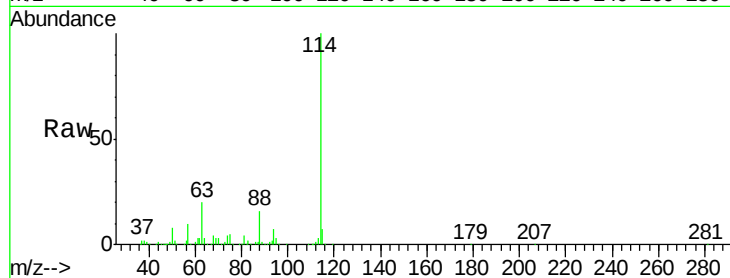




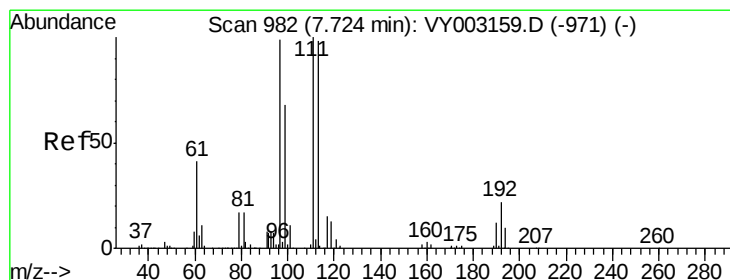
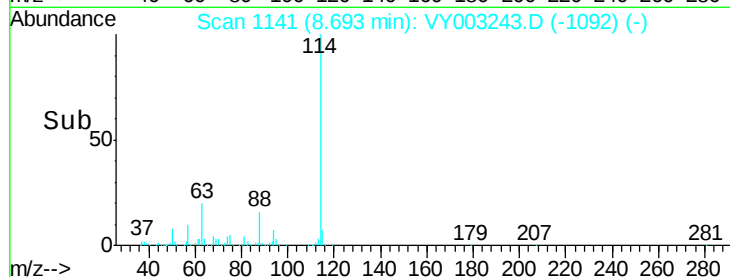
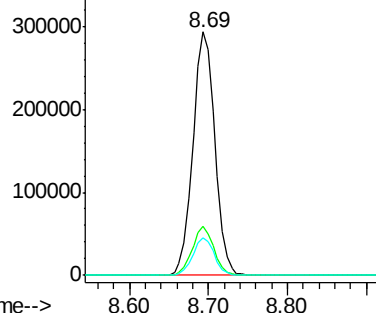
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003243.D
Acq: 20 Jul 2020 19:39

Instrument :
MSVOA_Y
ClientSampleId :
17

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.2
88	15.5	0.0	30.2

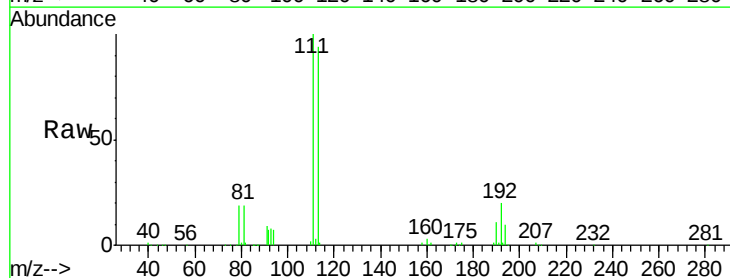


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

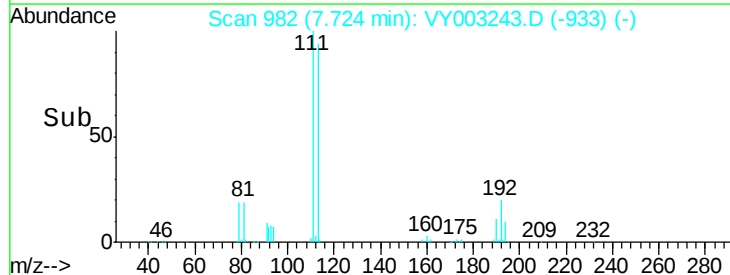
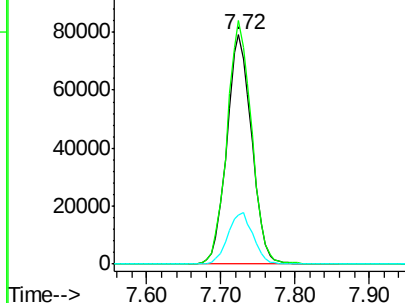


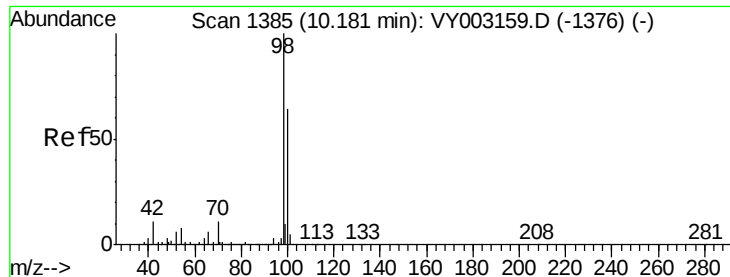
#35
Dibromofluoromethane
Concen: 56.486 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003243.D
Acq: 20 Jul 2020 19:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.1	123.1
192	22.9	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: 54.132 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003243.D

Acq: 20 Jul 2020 19:39

Instrument :

MSVOA_Y

ClientSampleId :

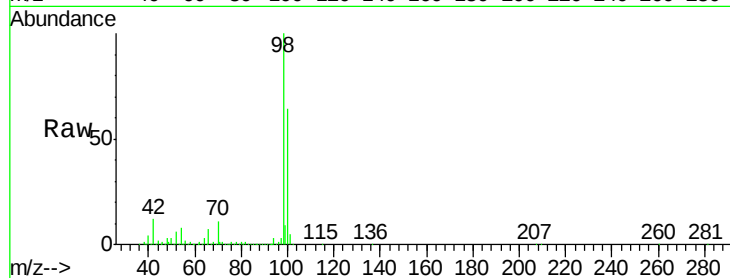
17

Tot Ion: 98 Resp: 655721

Ion Ratio Lower Upper

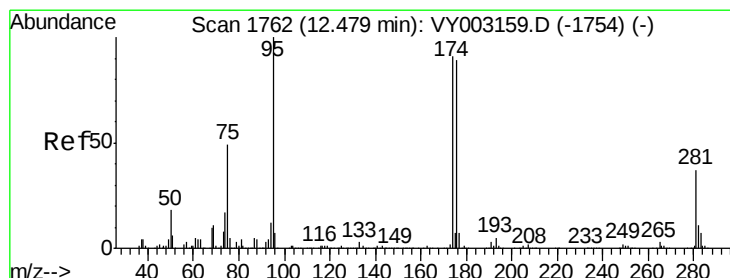
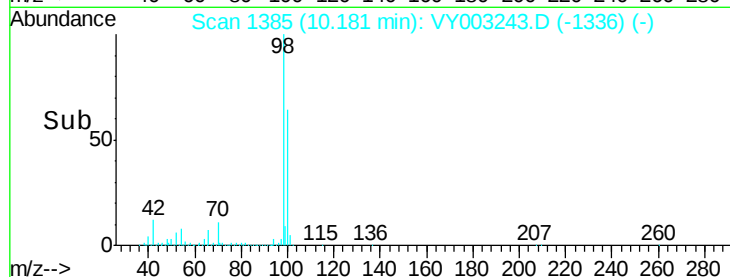
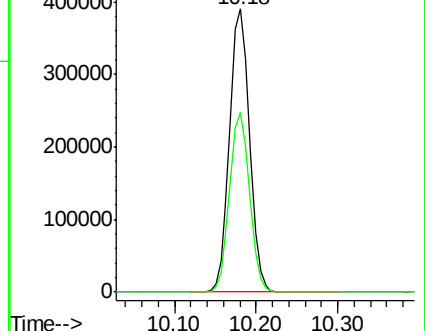
98 100

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



#62

4-Bromofluorobenzene

Concen: 44.177 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003243.D

Acq: 20 Jul 2020 19:39

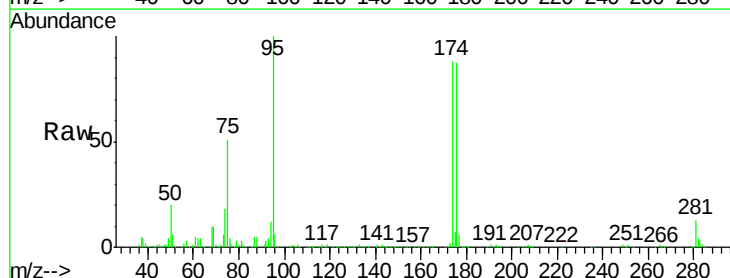
Tgt Ion: 95 Resp: 193321

Ion Ratio Lower Upper

95 100

174 95.0 0.0 190.6

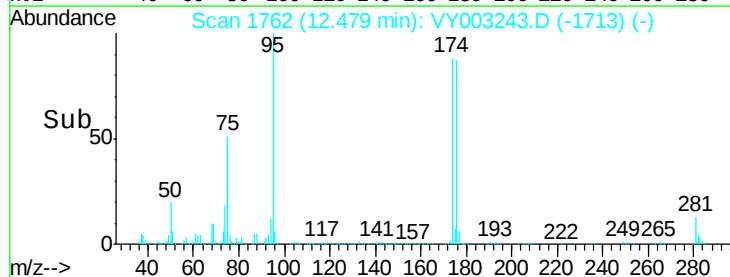
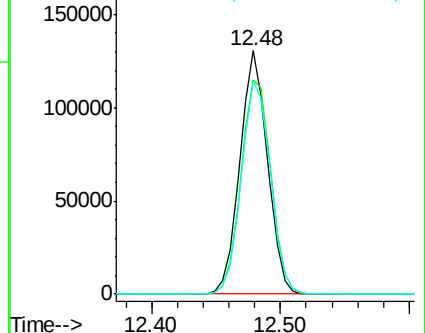
176 91.6 0.0 186.4

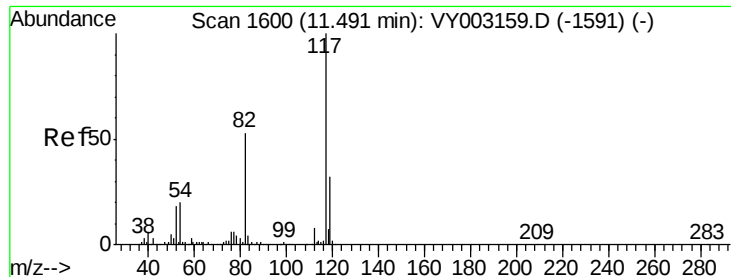


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

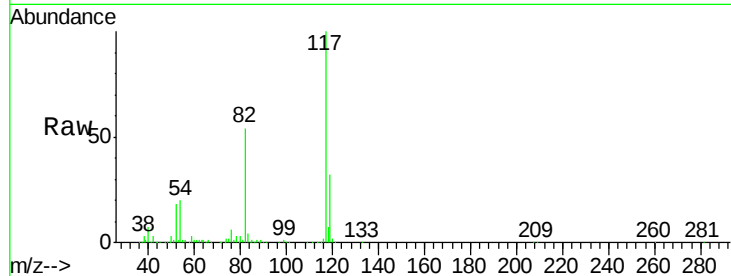




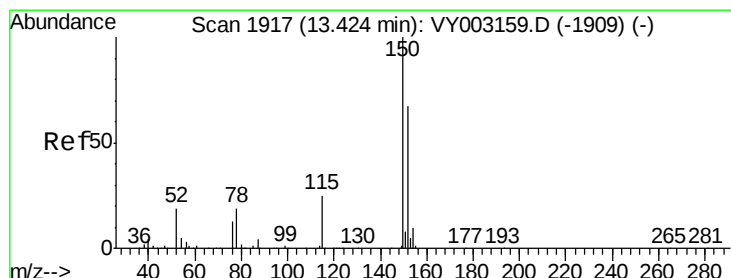
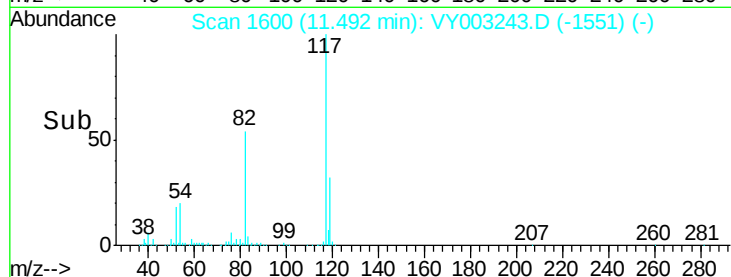
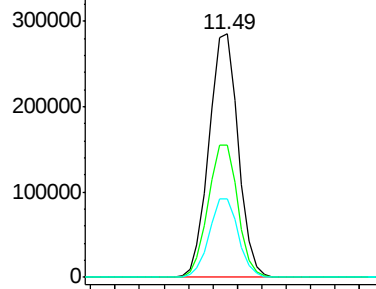
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003243.D
Acq: 20 Jul 2020 19:39

Instrument :
MSVOA_Y
ClientSampleId :
17

Tot Ion:117 Resp: 472038
Ion Ratio Lower Upper
117 100
82 54.1 42.0 63.0
119 32.3 25.5 38.3

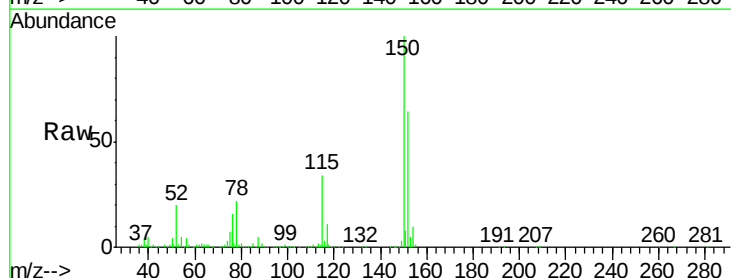


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003243.D
Acq: 20 Jul 2020 19:39

Tgt Ion:152 Resp: 198015
Ion Ratio Lower Upper
152 100
115 52.9 26.9 80.7
150 153.8 0.0 338.0



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

