

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002469.D
 Acq On : 23 Apr 2020 18:54
 Operator : SY/MD
 Sample : L2378-10
 Misc : 6.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-S2

Quant Time: Apr 24 02:17:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

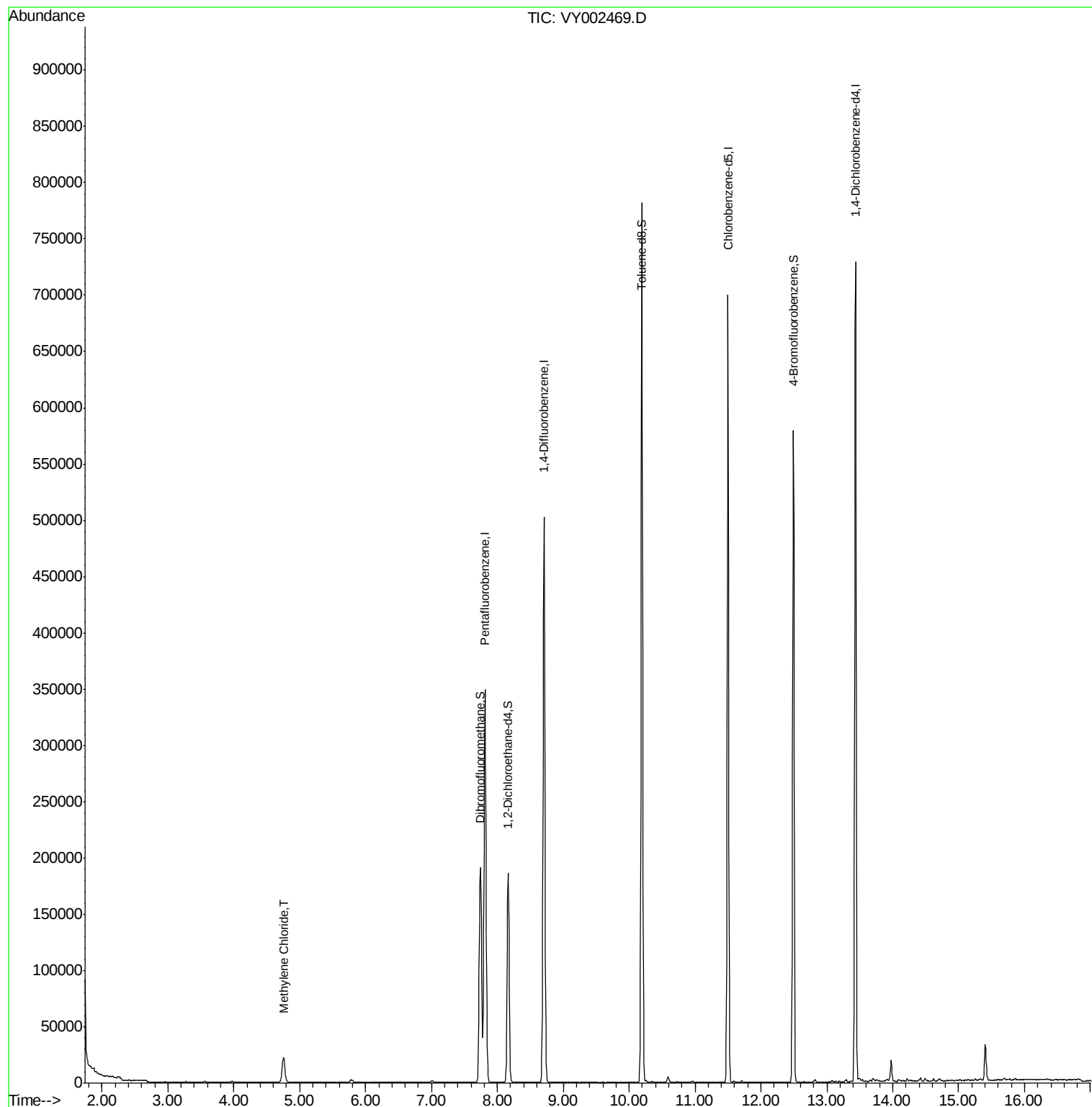
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	291608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	454708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	400398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	199842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	143382	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	7.74	113	138115	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
50) Toluene-d8	10.19	98	531117	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.49	95	167569	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
20) Methylene Chloride	4.75	84	17800	5.853	ug/l	Qvalue 96

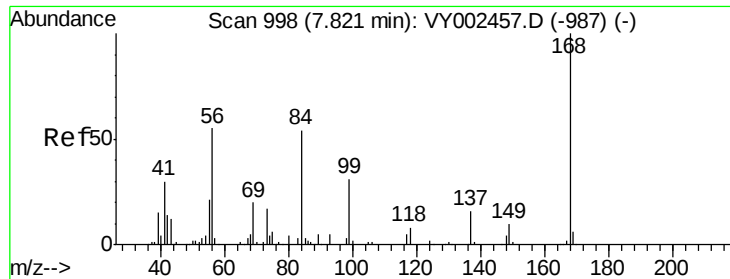
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_Y

ClientSampleId :

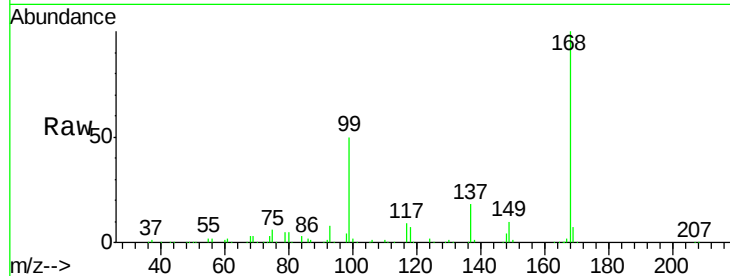
TP-2-S2

Tot Ion:168 Resp: 291608

Ion Ratio Lower Upper

168 100

99 49.6 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.82

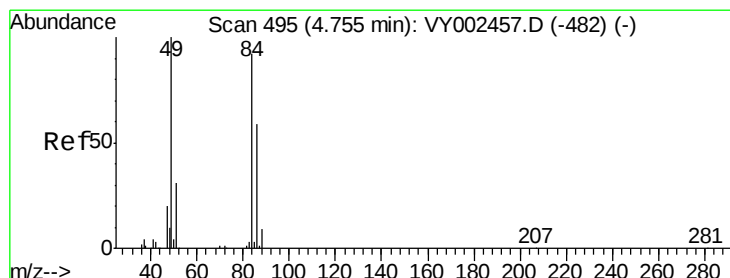
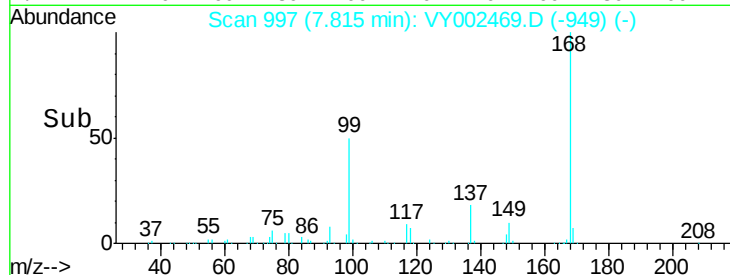
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.853 ug/l

RT: 4.75 min Scan# 495

Delta R.T. -0.00 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

Tgt Ion: 84 Resp: 17800

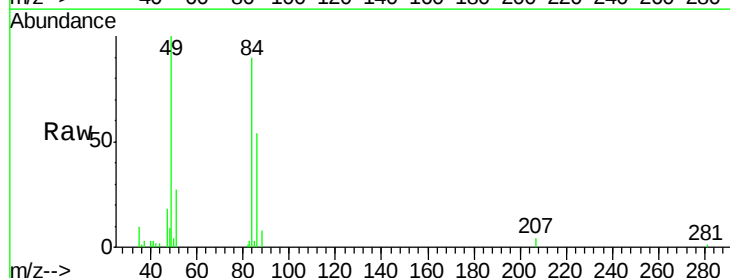
Ion Ratio Lower Upper

84 100

49 111.7 86.9 130.3

51 30.5 27.3 40.9

86 60.4 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY002457.D (-482) (-)

Ion 48.90 (48.60 to 49.60): VY002457.D (-482) (-)

Ion 50.90 (50.60 to 51.60): VY002457.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VY002457.D (-482) (-)

4.75

10000

8000

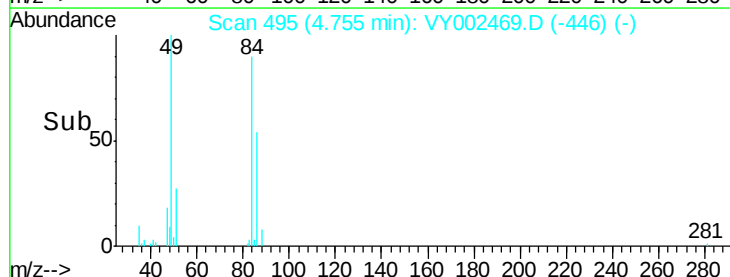
6000

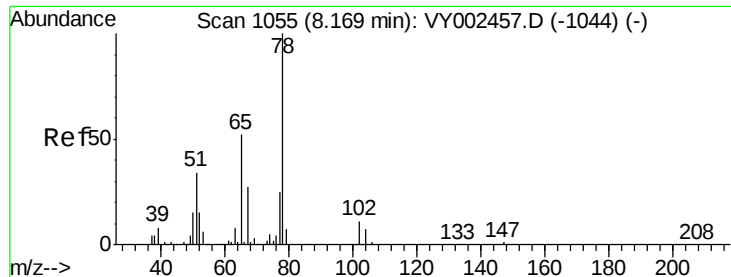
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.256 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_Y

ClientSampleId :

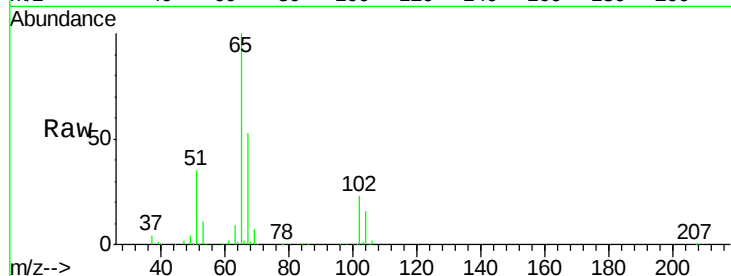
TP-2-S2

Tot Ion: 65 Resp: 143382

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.16

60000

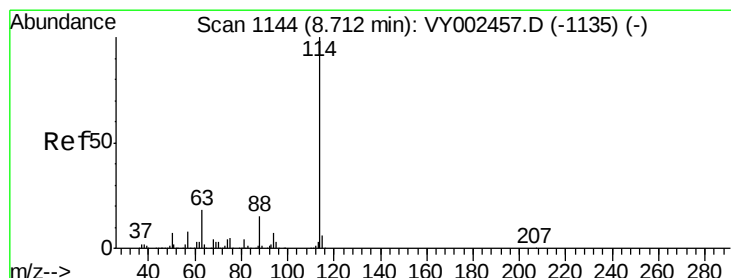
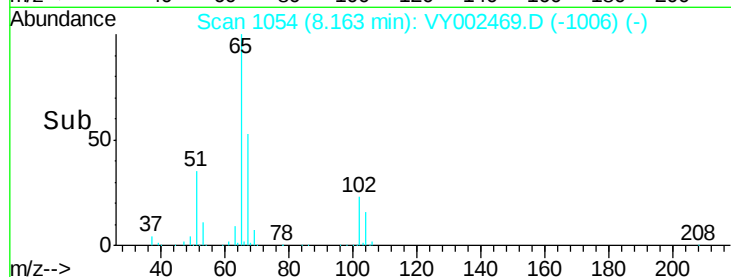
40000

20000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

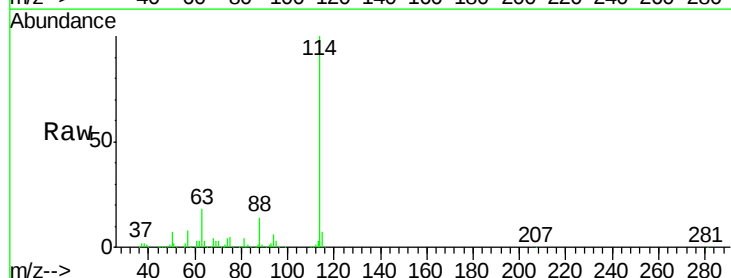
Tgt Ion: 114 Resp: 454708

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.5 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): VY002457.D (-1135) (-)

Ion 63.00 (62.70 to 63.70): VY002457.D (-1135) (-)

Ion 87.90 (87.60 to 88.60): VY002457.D (-1135) (-)

8.71

300000

250000

200000

150000

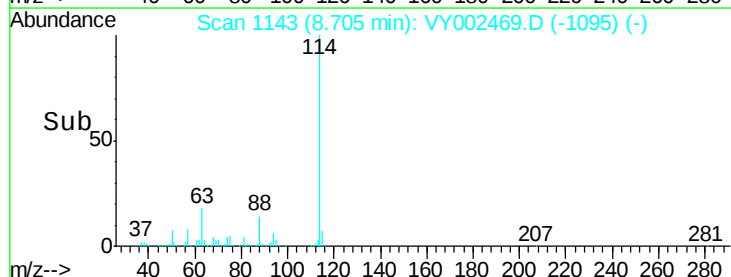
100000

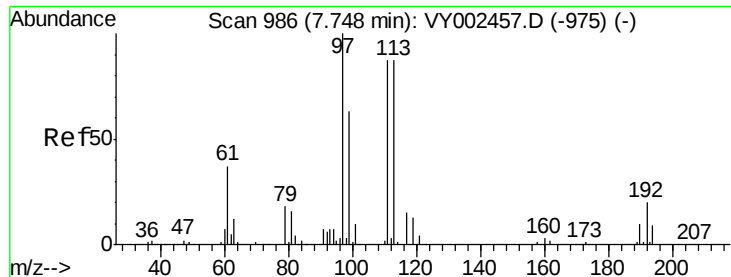
50000

0

8.60 8.70 8.80

Time-->

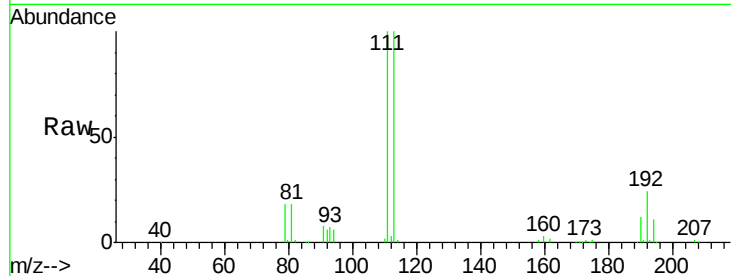




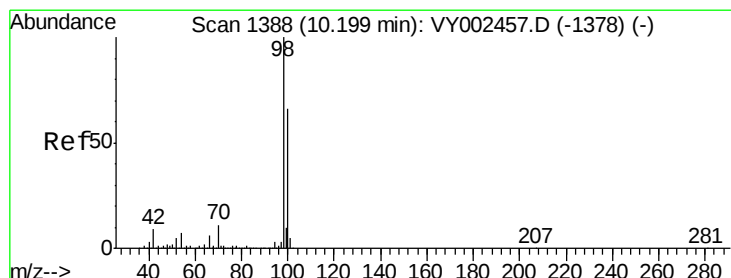
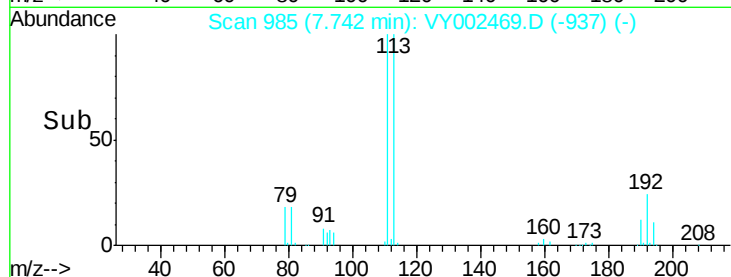
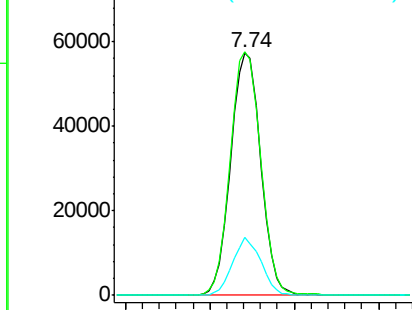
#35
 Dibromofluoromethane
 Concen: 53.850 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002469.D
 Acq: 23 Apr 2020 18:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-S2

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.4
192	22.6	18.6	27.8

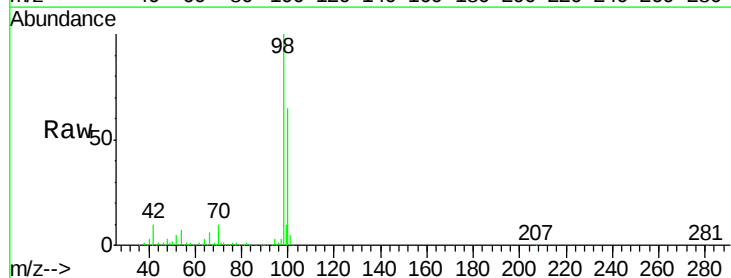


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

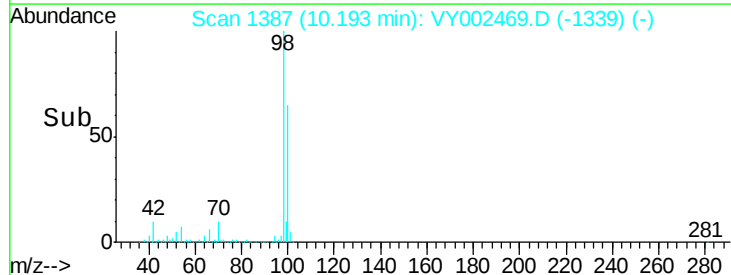
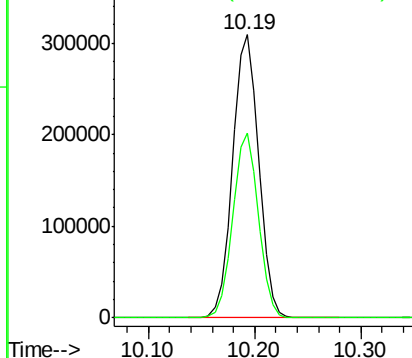


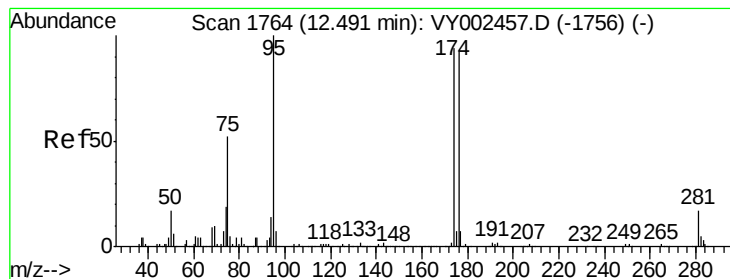
#50
 Toluene-d8
 Concen: 51.522 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VY002469.D
 Acq: 23 Apr 2020 18:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.445 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-S2

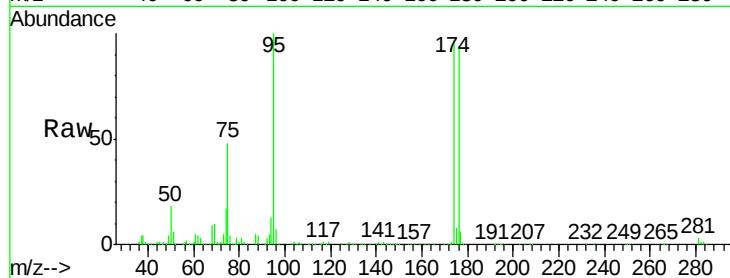
Tot Ion: 95 Resp: 167569

Ion Ratio Lower Upper

95 100

174 96.2 0.0 193.0

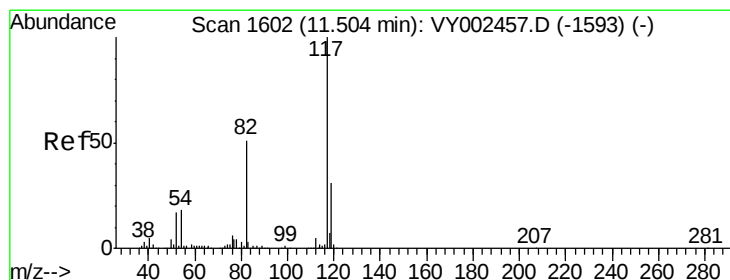
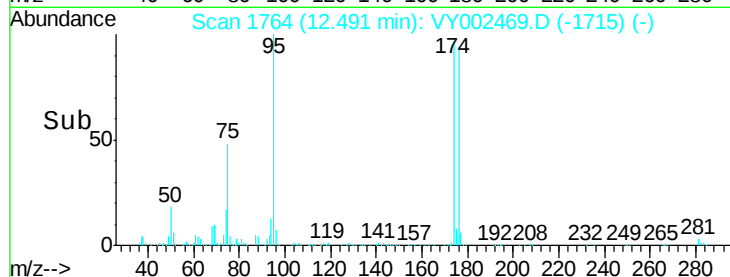
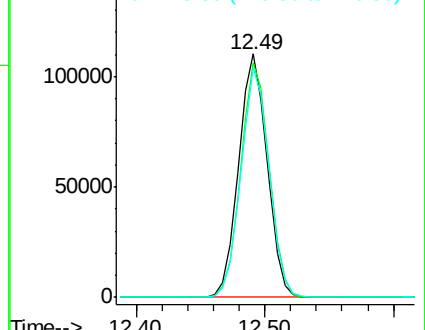
176 93.0 0.0 190.4



Abundance Ion 94.90 (94.60 to 95.60): VY002457.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002457.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002457.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

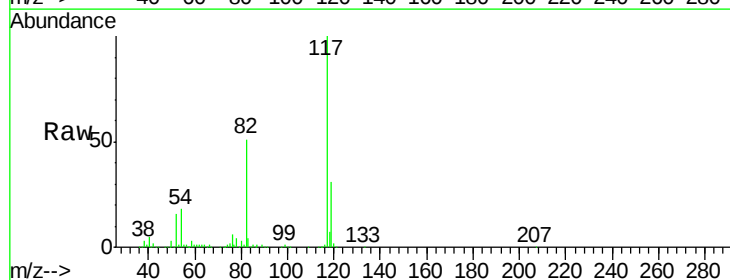
Tgt Ion: 117 Resp: 400398

Ion Ratio Lower Upper

117 100

82 51.4 40.8 61.2

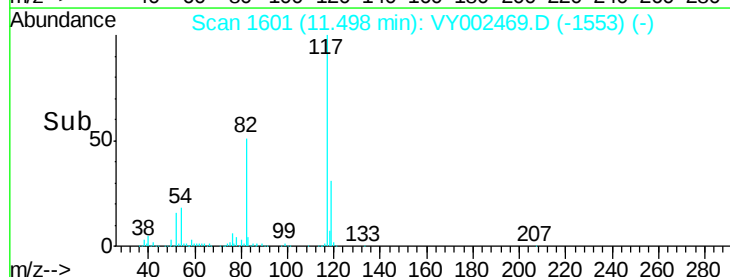
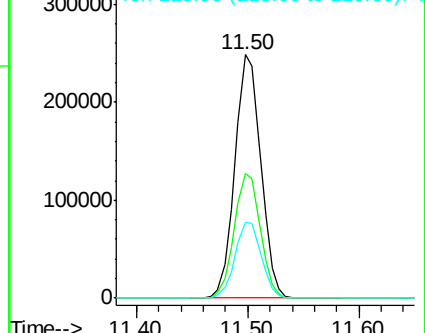
119 31.2 25.2 37.8

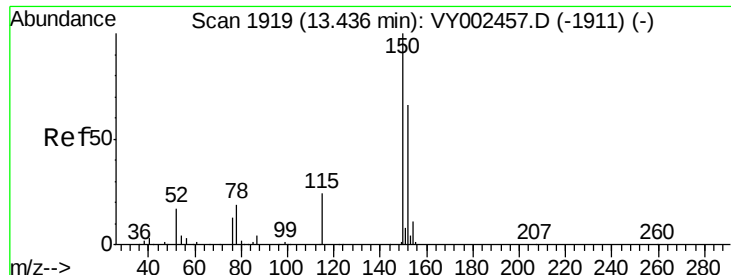


Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002457.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002457.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002469.D

Acq: 23 Apr 2020 18:54

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-S2

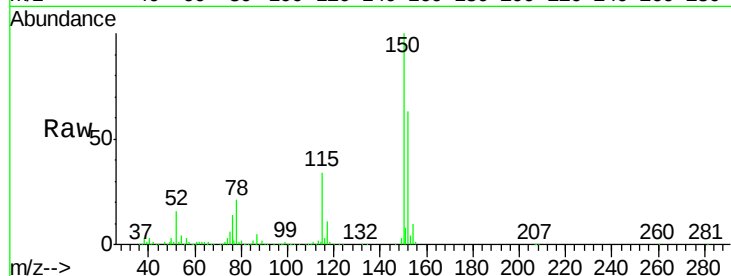
Tot Ion:152 Resp: 199842

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.8

150 155.6 0.0 346.8



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

