

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013874.D
 Acq On : 25 May 2023 15:36
 Operator : KP/MD
 Sample : 02869-01
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP18

Quant Time: May 26 04:34:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

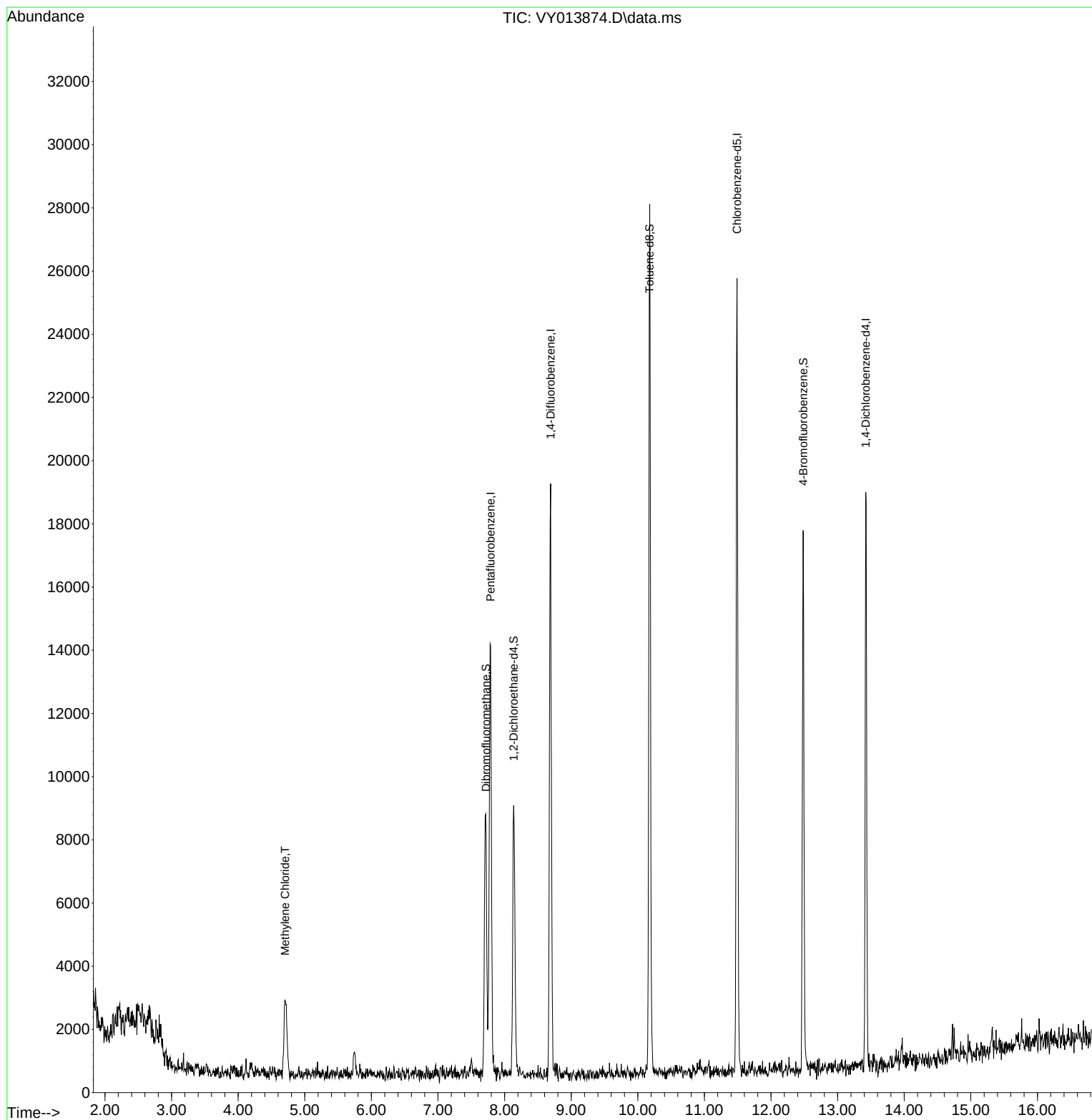
Internal Standards						
1) Pentafluorobenzene	7.789	168	11130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7261	56.390	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.780%
35) Dibromofluoromethane	7.722	113	5995	58.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.980%
50) Toluene-d8	10.179	98	18665	47.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.483	95	5167	39.906	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.820%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	1849	11.700	ug/l	85

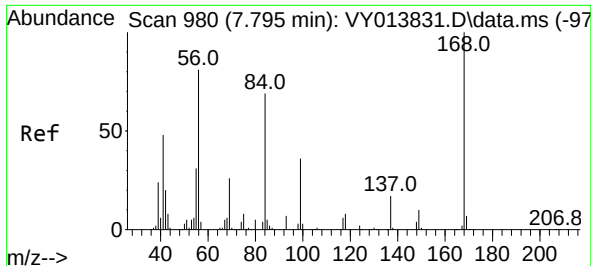
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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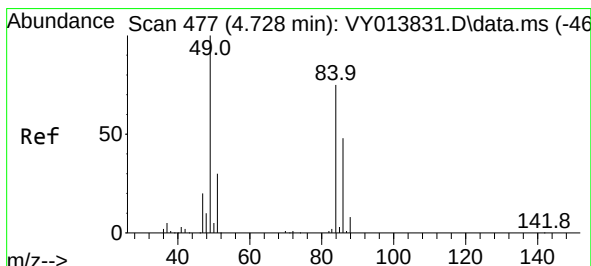
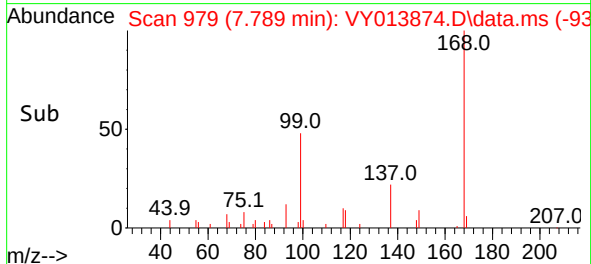
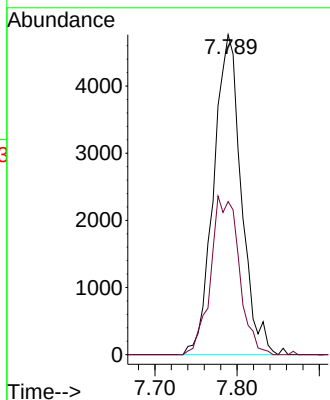
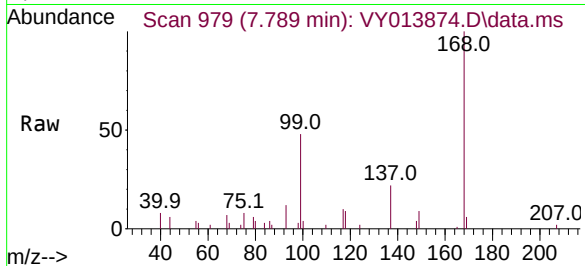




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

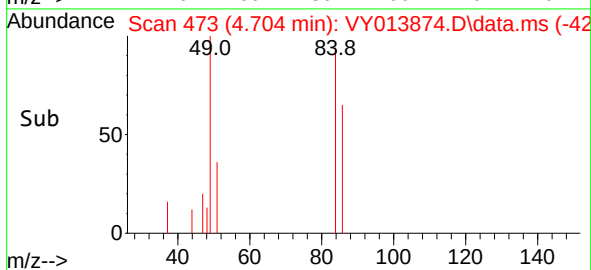
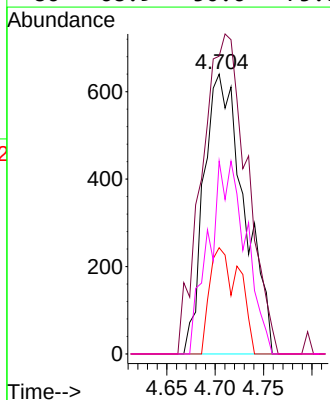
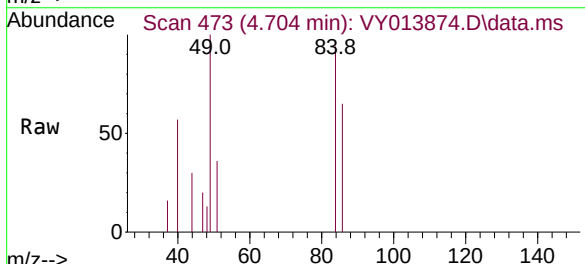
Instrument :
MSVOA_Y
ClientSampleId :
TP18

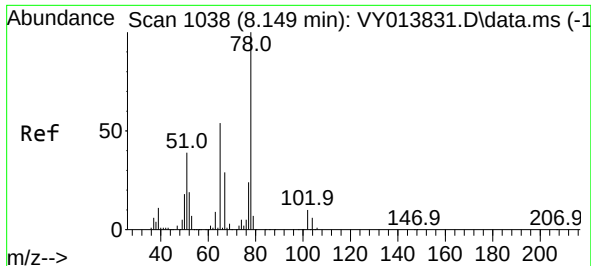
Tgt Ion:168 Resp: 11130
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.2



#20
Methylene Chloride
Concen: 11.700 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.024 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion: 84 Resp: 1849
Ion Ratio Lower Upper
84 100
49 106.4 106.2 159.2
51 38.0 31.4 47.0
86 68.9 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 56.390 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.012 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

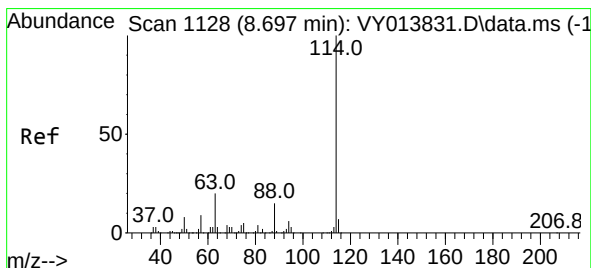
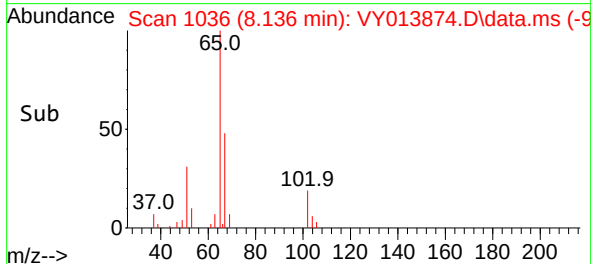
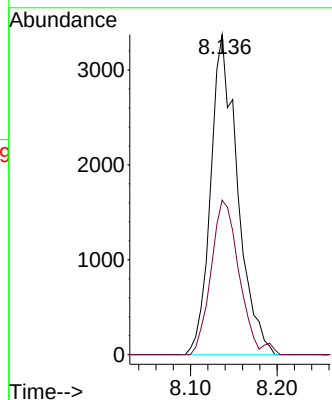
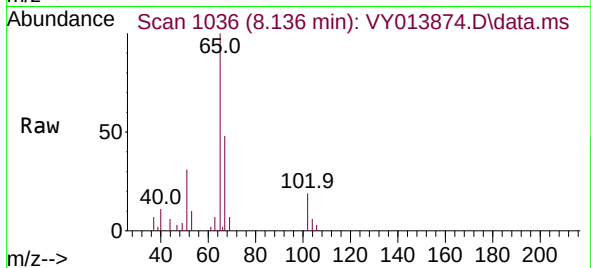
TP18

Tgt Ion: 65 Resp: 7261

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

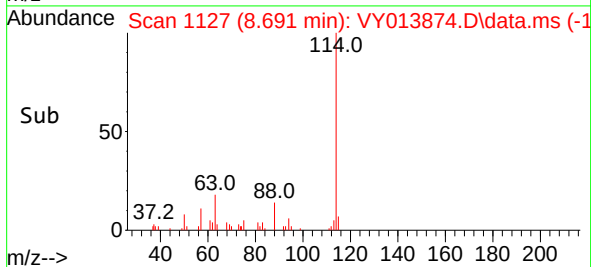
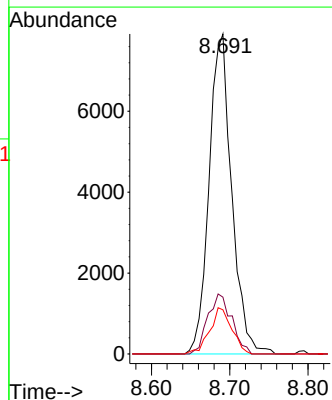
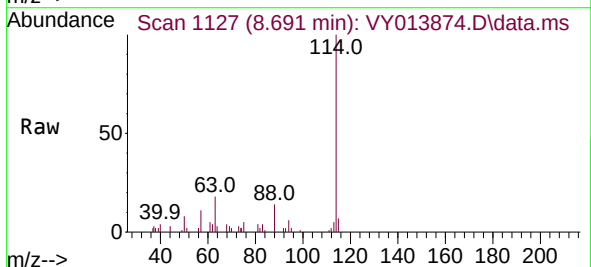
Tgt Ion: 114 Resp: 15870

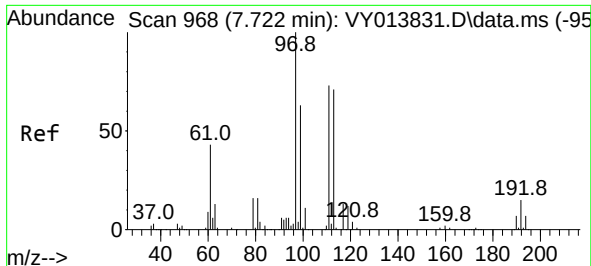
Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.2

88 13.8 0.0 30.0

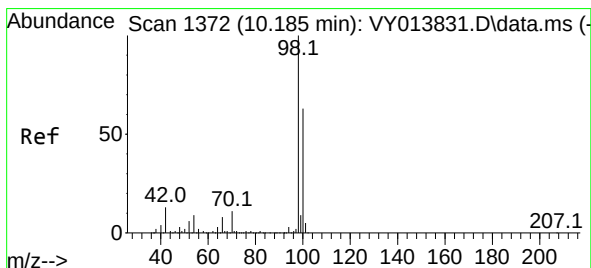
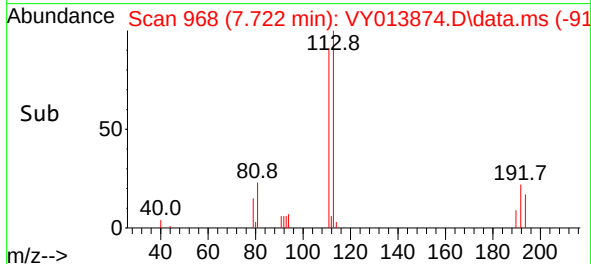
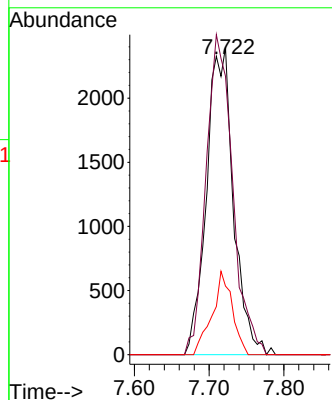
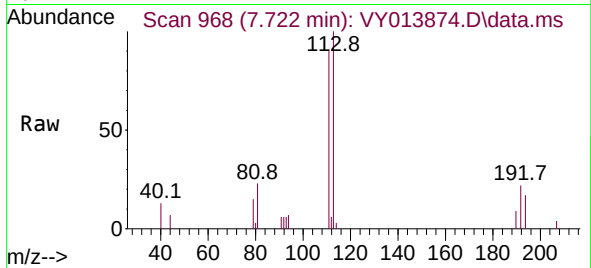




#35
Dibromofluoromethane
Concen: 58.494 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

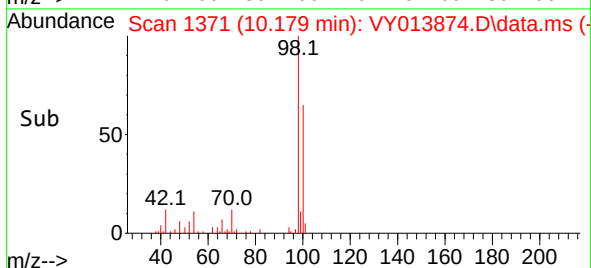
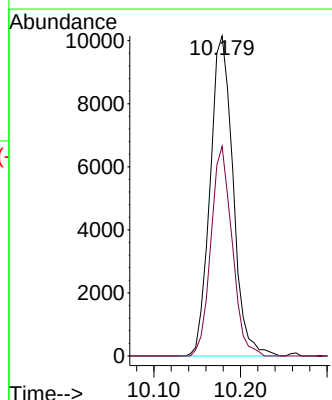
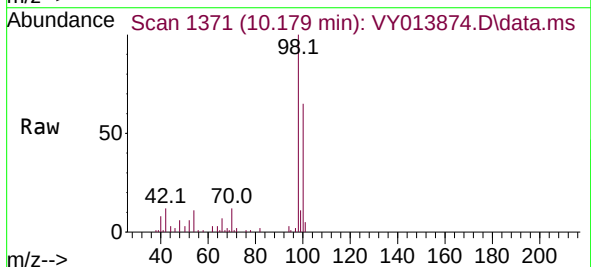
Instrument :
MSVOA_Y
ClientSampleId :
TP18

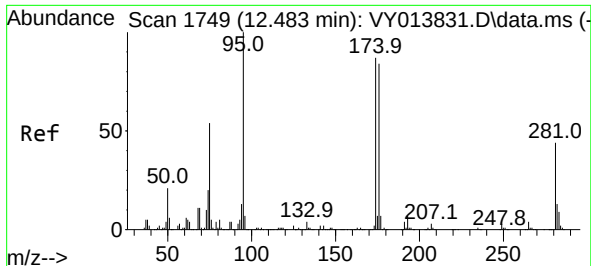
Tgt Ion:113 Resp: 5995
Ion Ratio Lower Upper
113 100
111 102.8 80.4 120.6
192 20.2 16.6 25.0



#50
Toluene-d8
Concen: 47.917 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion: 98 Resp: 18665
Ion Ratio Lower Upper
98 100
100 60.5 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 39.906 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

TP18

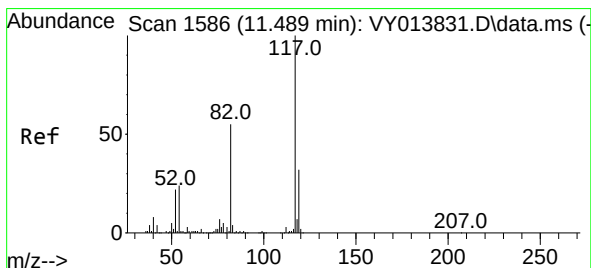
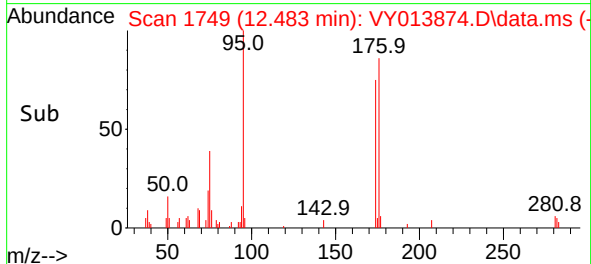
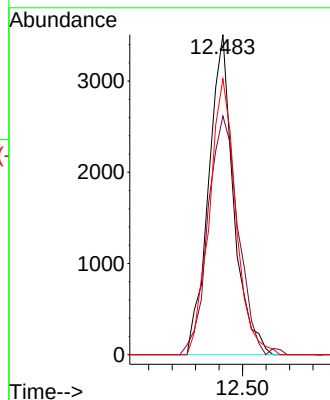
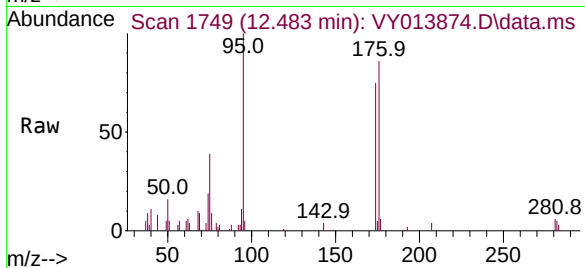
Tgt Ion: 95 Resp: 5167

Ion Ratio Lower Upper

95 100

174 90.6 0.0 176.0

176 91.6 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

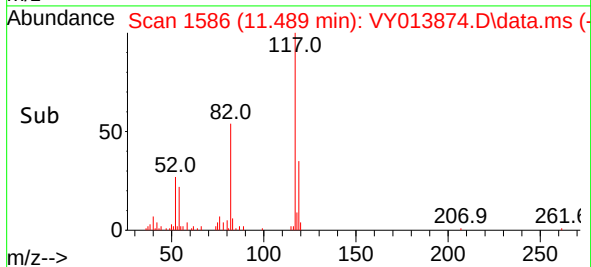
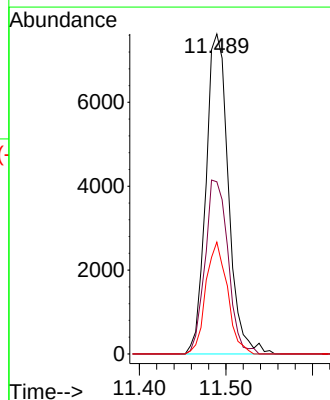
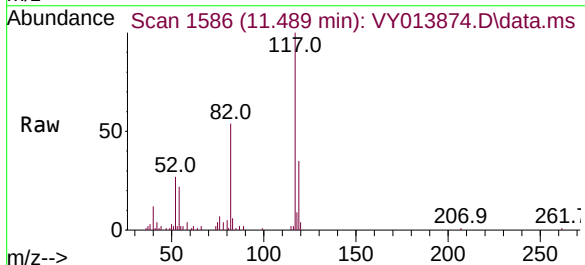
Tgt Ion: 117 Resp: 13738

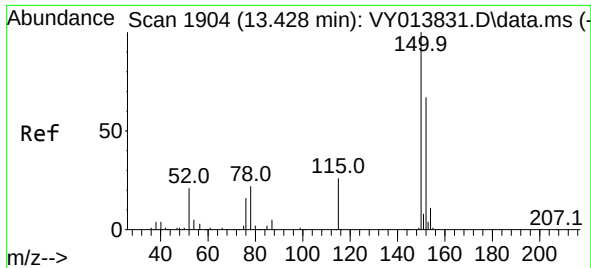
Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.4

119 34.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013874.D

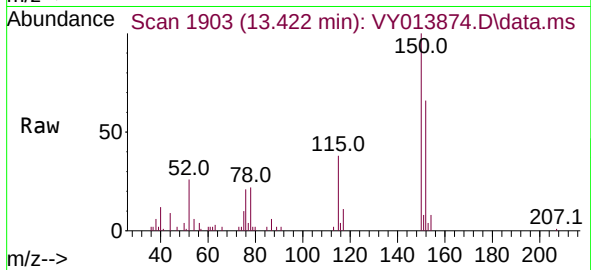
Acq: 25 May 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

TP18



Tgt Ion:152 Resp: 5108

Ion Ratio Lower Upper

152 100

115 51.6 28.8 86.5

150 151.1 0.0 353.4

