

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015782.D
 Acq On : 02 Oct 2023 17:27
 Operator : SY/MD
 Sample : 04627-27
 Misc : 1.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-14

Quant Time: Oct 03 01:24:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

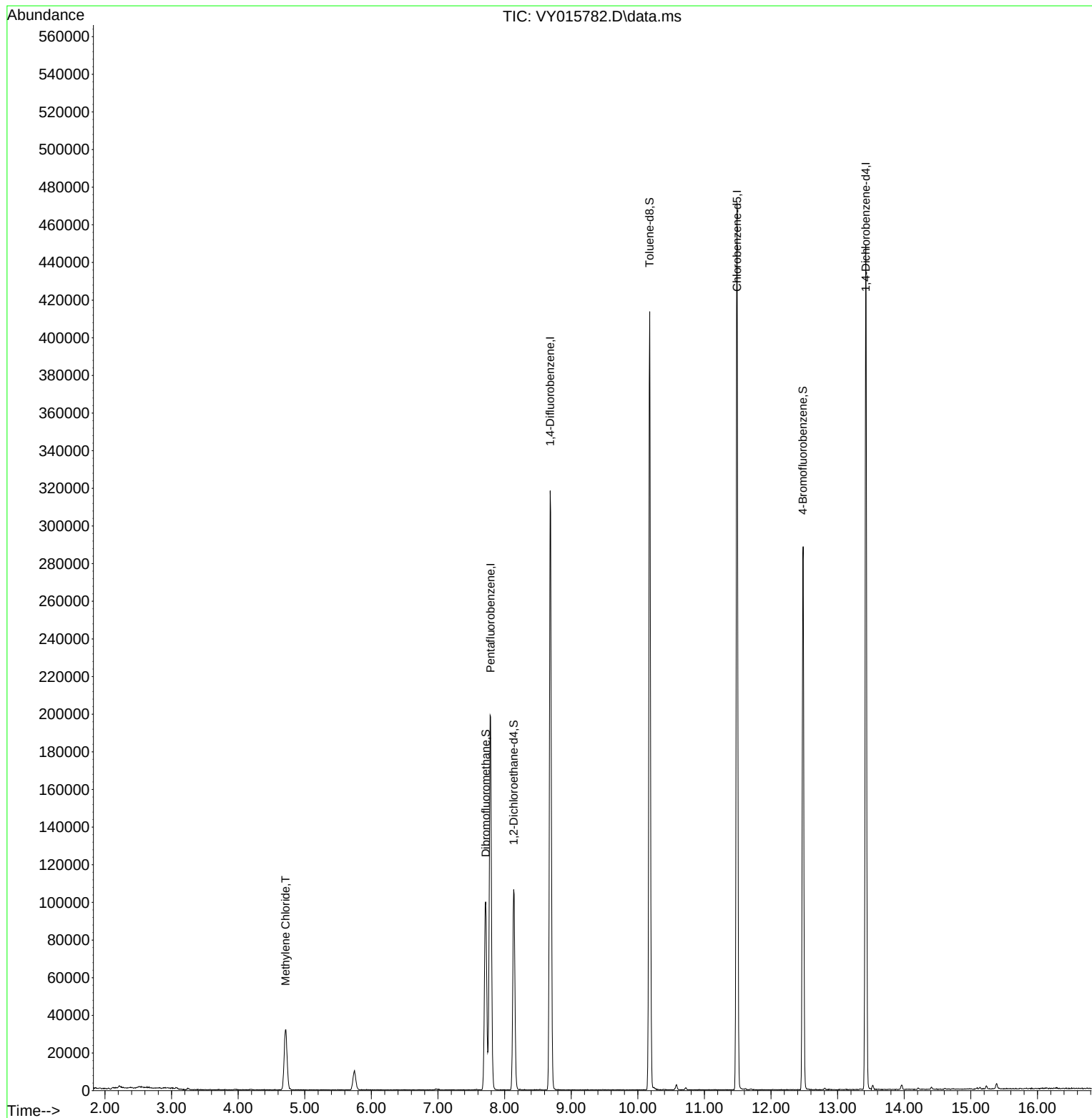
Internal Standards						
1) Pentafluorobenzene	7.789	168	153950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82120	48.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.716	113	73960	44.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.020%
50) Toluene-d8	10.179	98	267966	47.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.477	95	89838	40.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.260%
Target Compounds						
20) Methylene Chloride	4.710	84	25019	8.595	ug/l	Qvalue 91

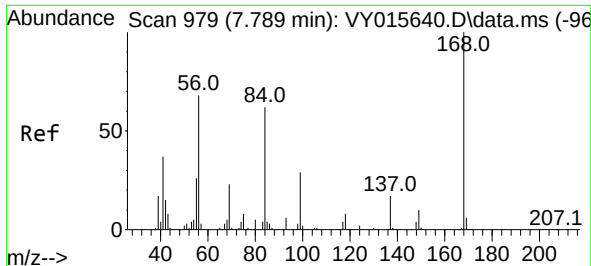
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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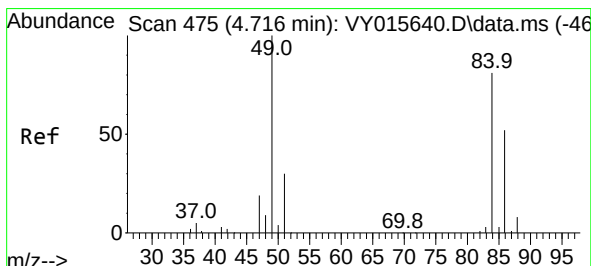
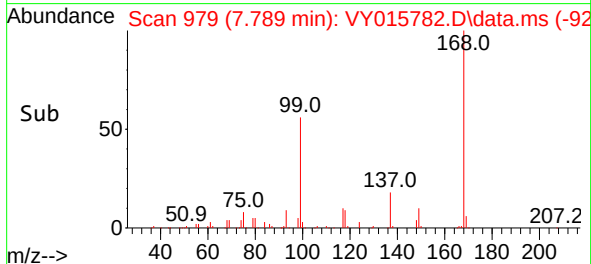
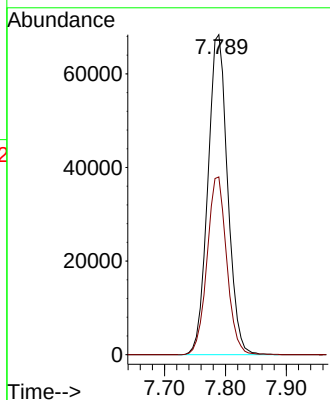
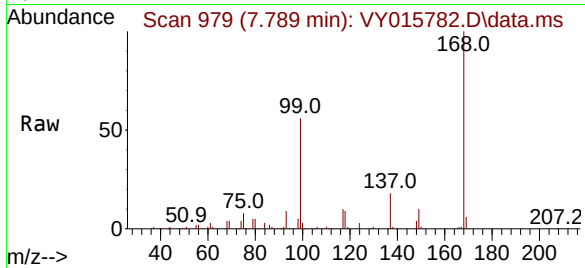




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

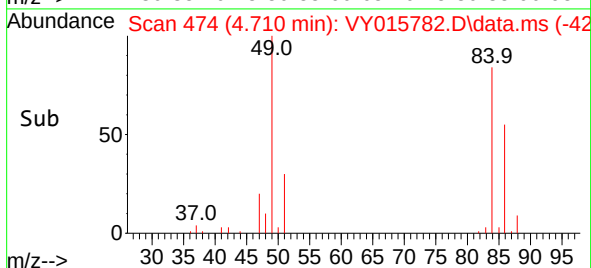
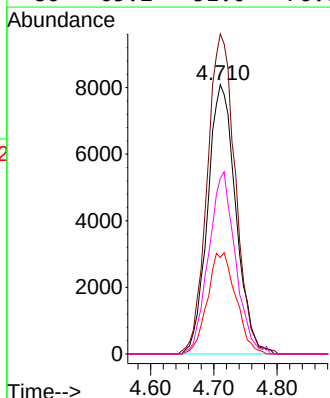
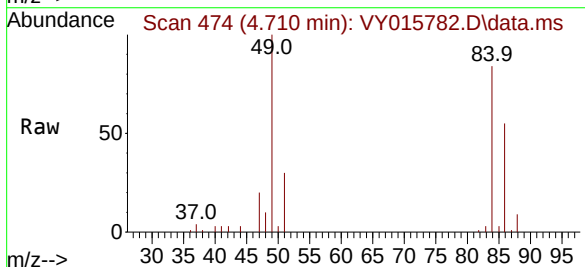
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-14

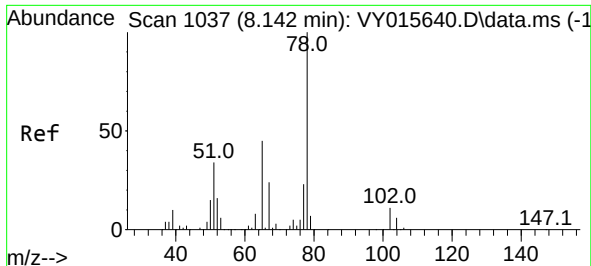
Tgt Ion:168 Resp: 153950
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#20
Methylene Chloride
Concen: 8.595 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

Tgt Ion: 84 Resp: 25019
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 35.8 33.2 49.8
86 65.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.480 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

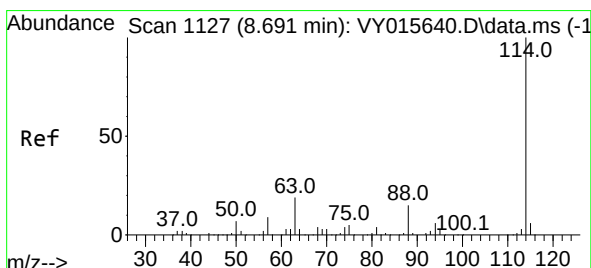
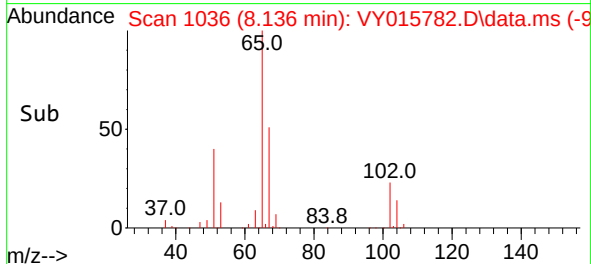
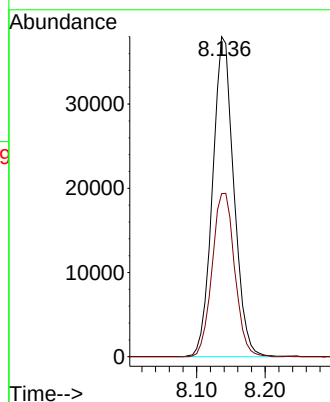
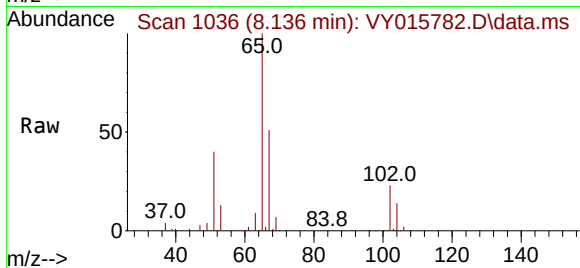
280-300FB-BACKFILL-14

Tgt Ion: 65 Resp: 82120

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

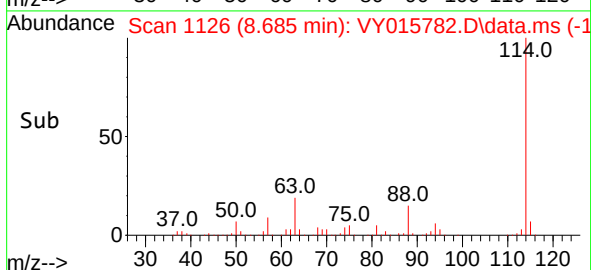
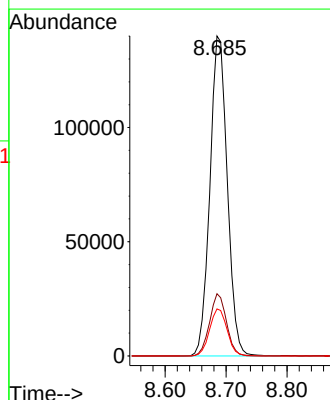
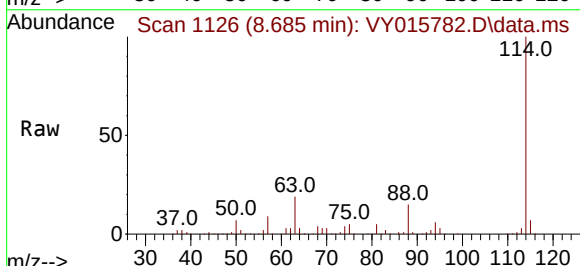
Tgt Ion: 114 Resp: 277616

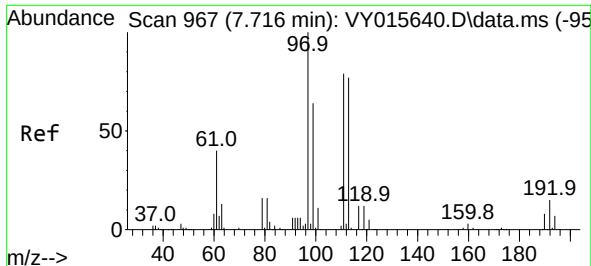
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.7 0.0 30.6

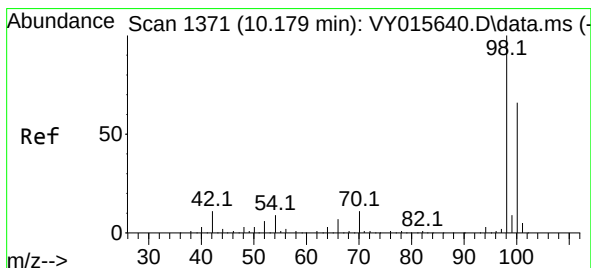
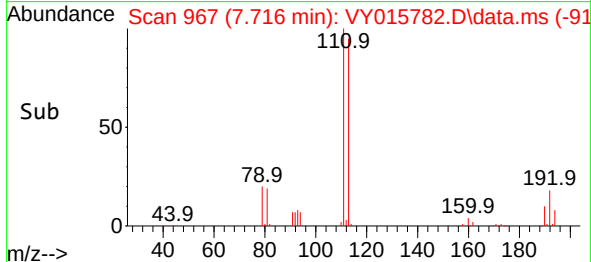
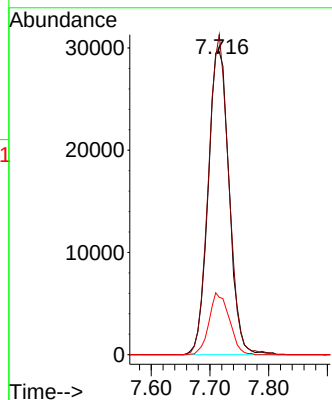
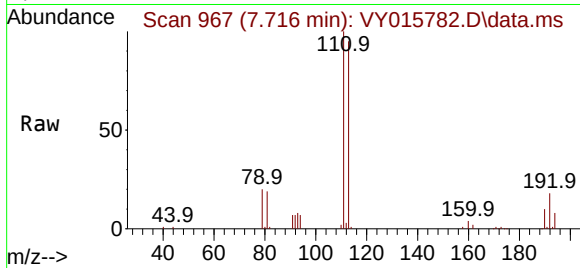




#35
Dibromofluoromethane
Concen: 44.511 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

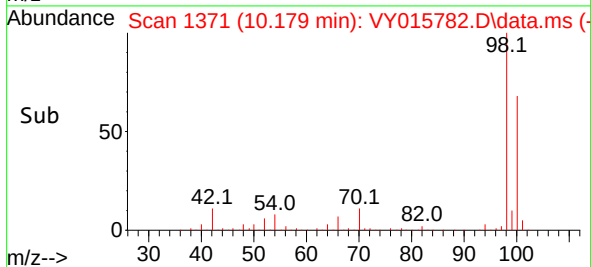
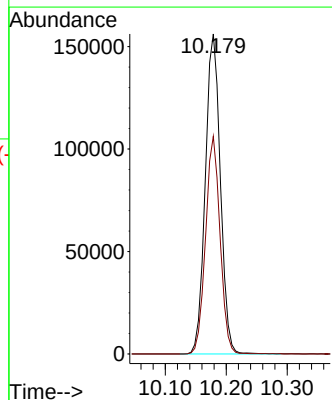
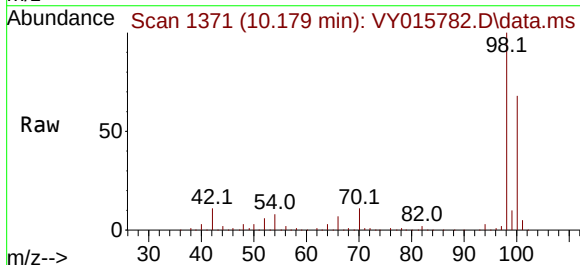
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-14

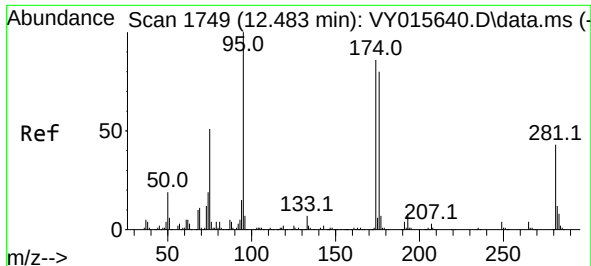
Tgt Ion:113 Resp: 73960
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 47.563 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015782.D
Acq: 02 Oct 2023 17:27

Tgt Ion: 98 Resp: 267966
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 40.633 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-14

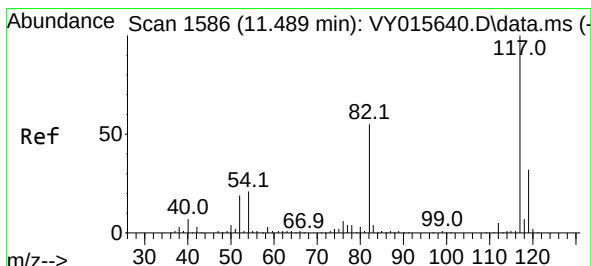
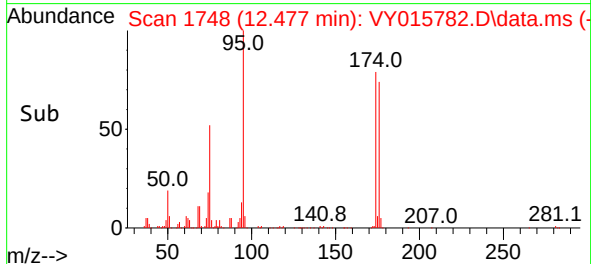
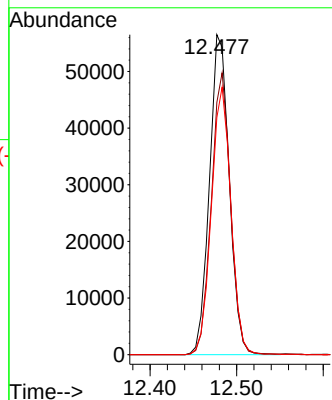
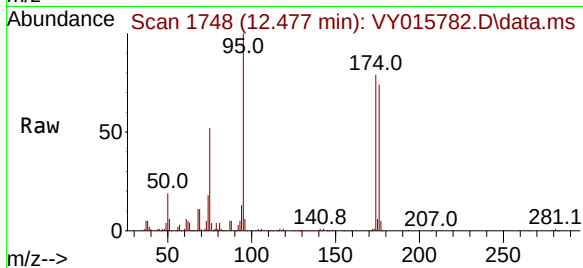
Tgt Ion: 95 Resp: 89838

Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 82.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015782.D

Acq: 02 Oct 2023 17:27

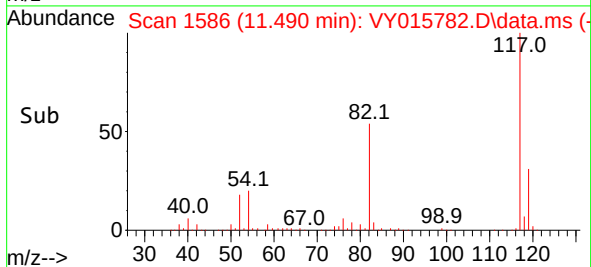
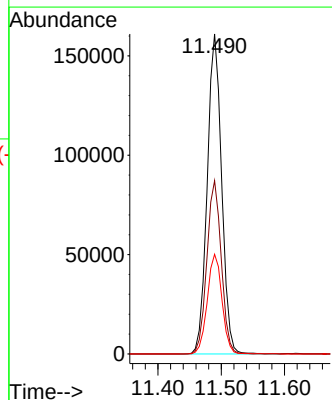
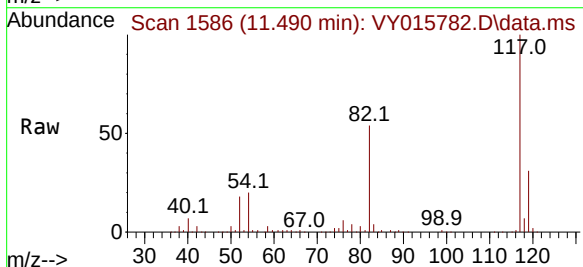
Tgt Ion: 117 Resp: 254995

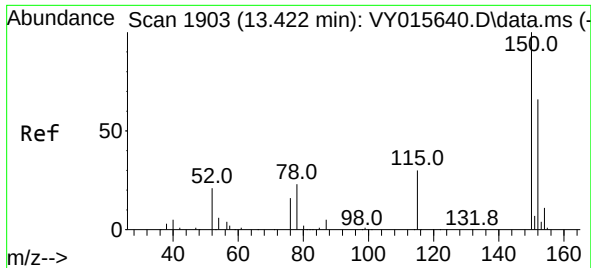
Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015782.D

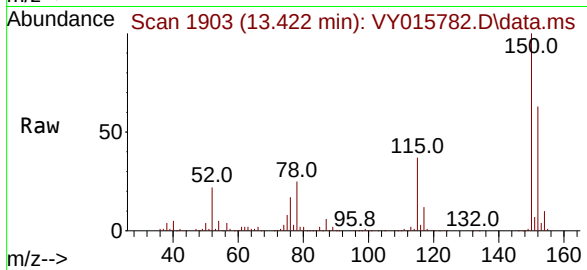
Acq: 02 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-14



Tgt Ion:152 Resp: 115858

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 155.9 0.0 348.8

