

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015424.D
 Acq On : 01 Sep 2023 18:39
 Operator : SY/MD
 Sample : 04283-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5

Quant Time: Sep 01 23:45:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

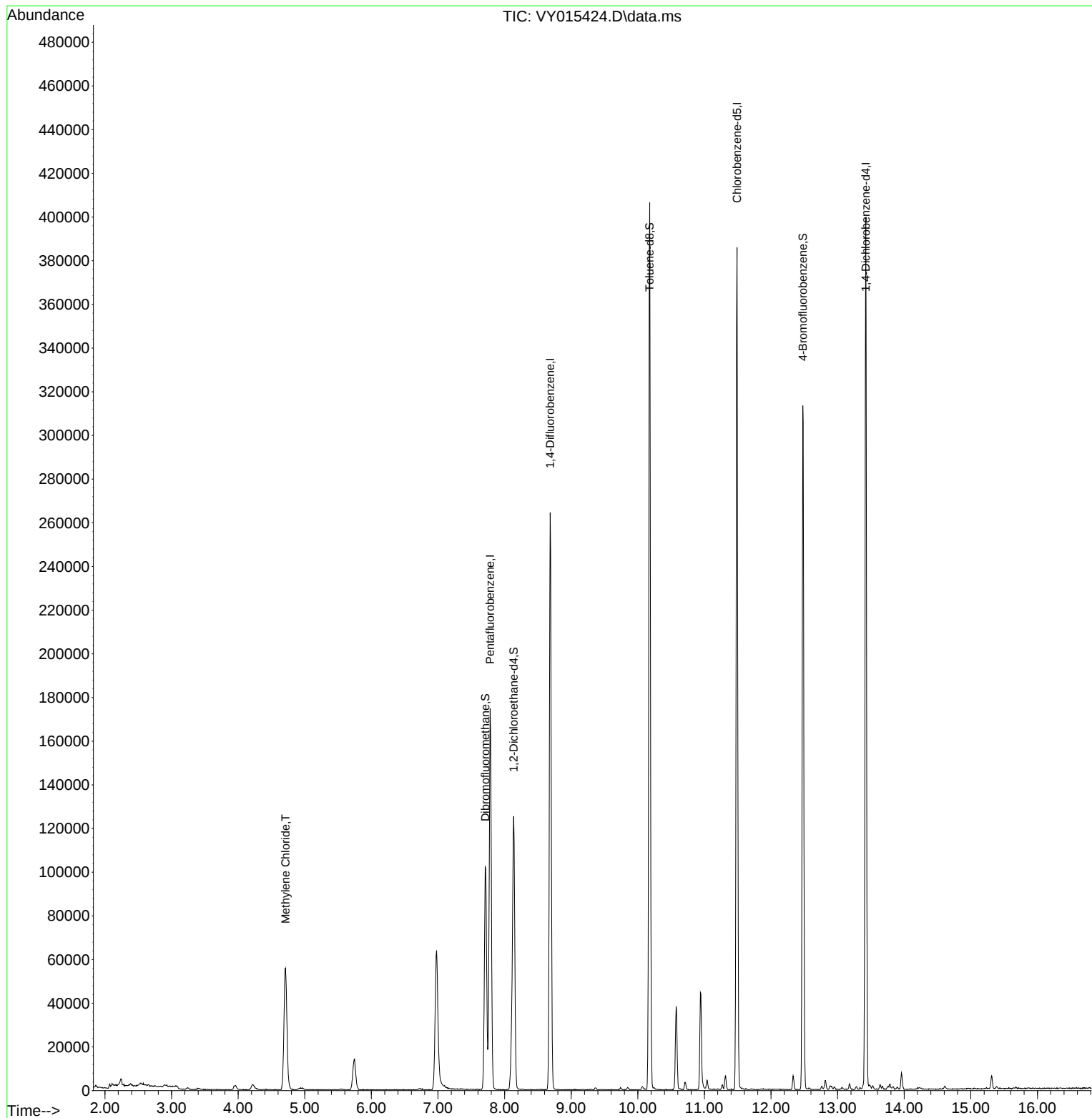
Internal Standards						
1) Pentafluorobenzene	7.783	168	133201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	226077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90063	63.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.140%	
35) Dibromofluoromethane	7.710	113	72864	55.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.920%	
50) Toluene-d8	10.179	98	264758	56.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.300%	
62) 4-Bromofluorobenzene	12.477	95	89723	51.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	42543	17.843	ug/l	92

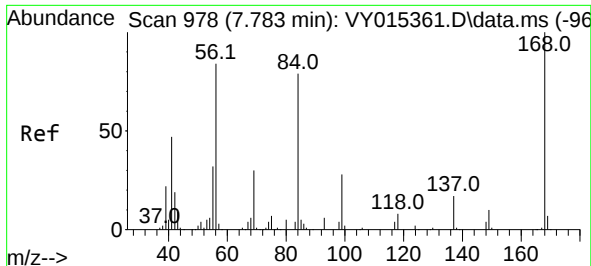
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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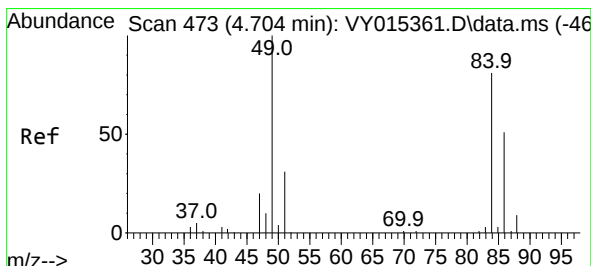
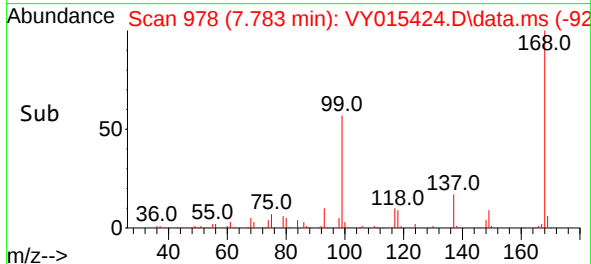
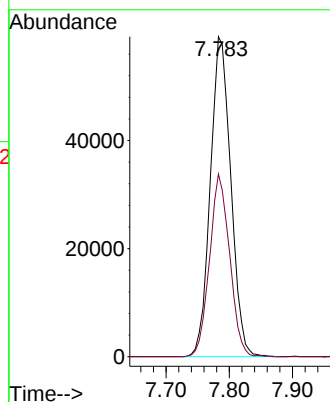
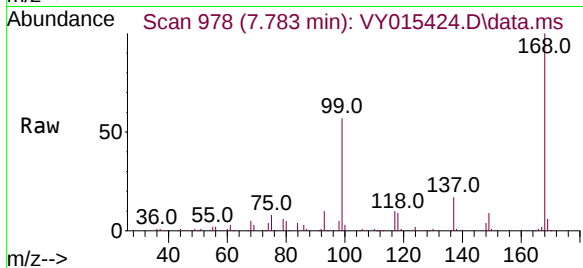




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015424.D
Acq: 01 Sep 2023 18:39

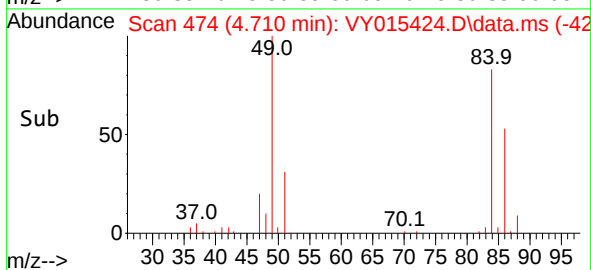
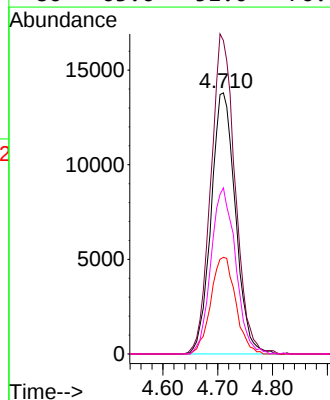
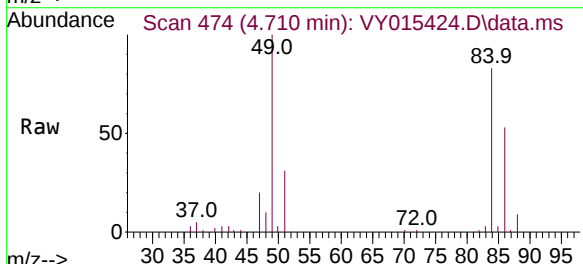
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

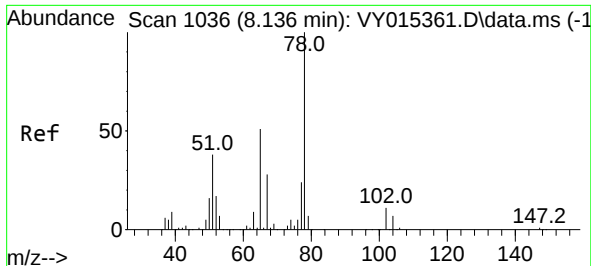
Tgt Ion:168 Resp: 133201
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#20
Methylene Chloride
Concen: 17.843 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015424.D
Acq: 01 Sep 2023 18:39

Tgt Ion: 84 Resp: 42543
Ion Ratio Lower Upper
84 100
49 120.0 106.9 160.3
51 37.0 33.2 49.8
86 63.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 63.074 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015424.D

Acq: 01 Sep 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

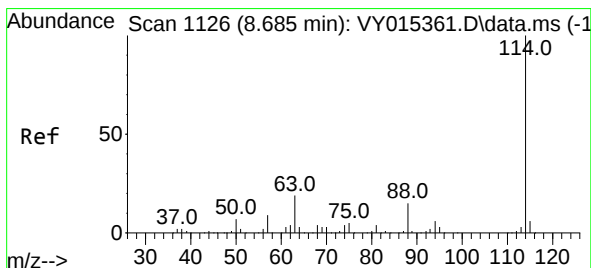
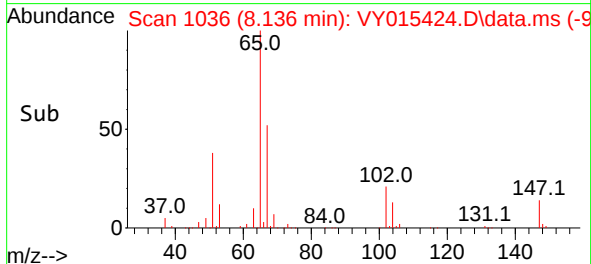
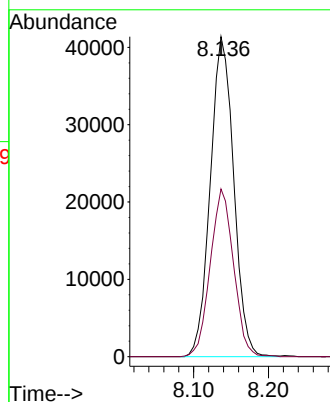
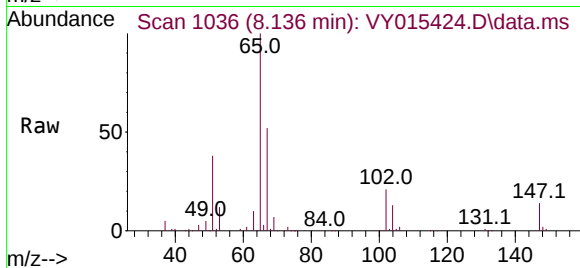
SB-5

Tgt Ion: 65 Resp: 90063

Ion Ratio Lower Upper

65 100

67 52.2 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: VY015424.D

Acq: 01 Sep 2023 18:39

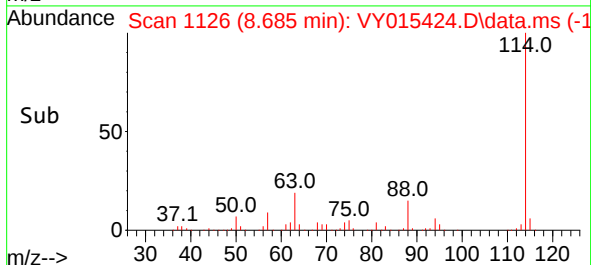
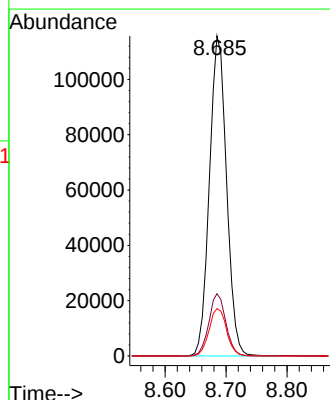
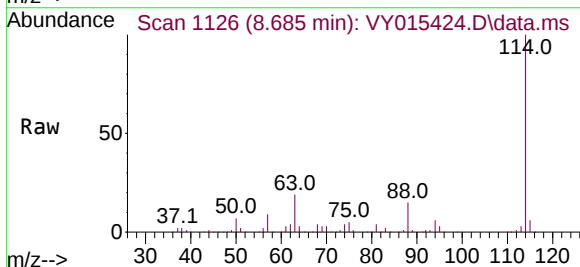
Tgt Ion: 114 Resp: 226077

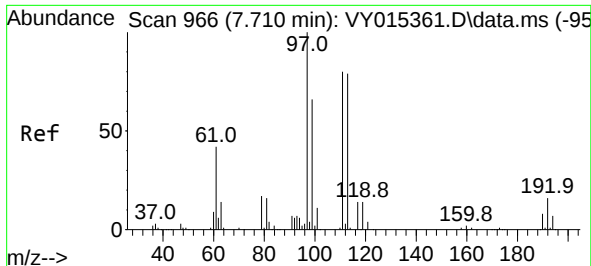
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.8 0.0 30.6

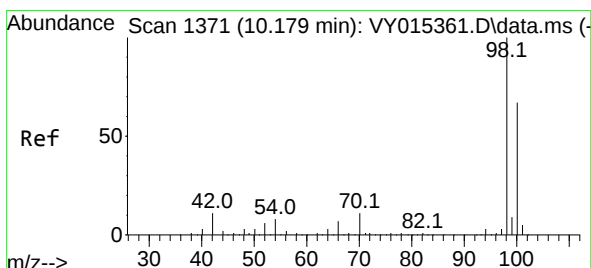
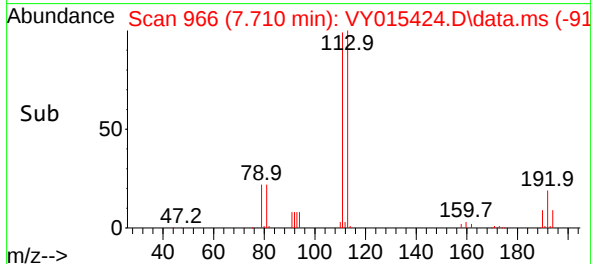
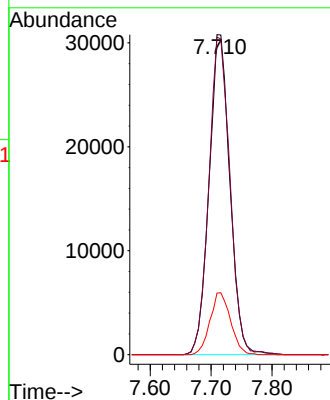
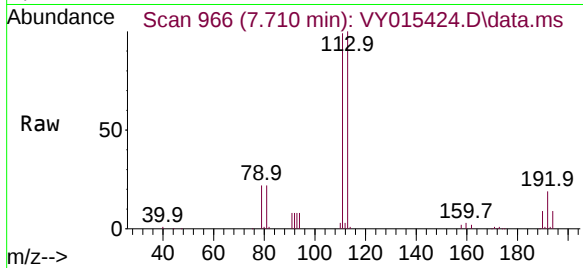




#35
Dibromofluoromethane
Concen: 55.956 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015424.D
Acq: 01 Sep 2023 18:39

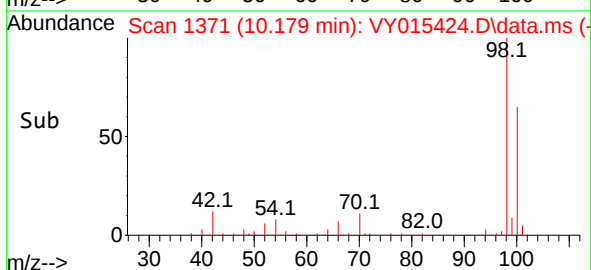
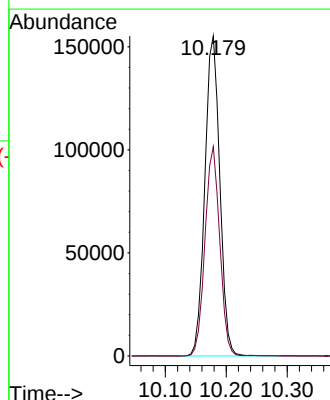
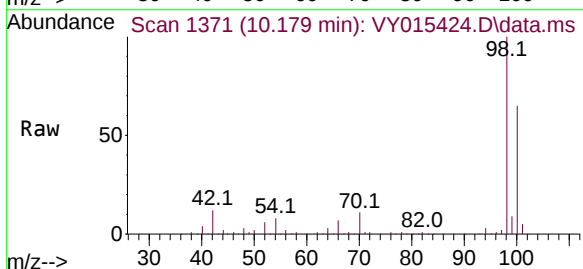
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

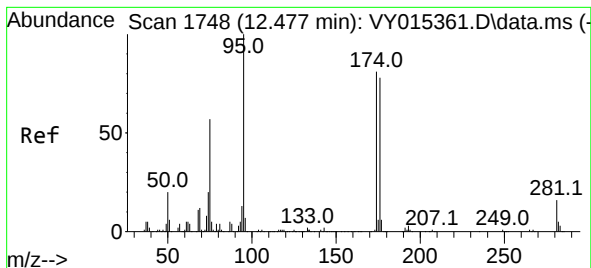
Tgt Ion:113 Resp: 72864
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 56.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015424.D
Acq: 01 Sep 2023 18:39

Tgt Ion: 98 Resp: 264758
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

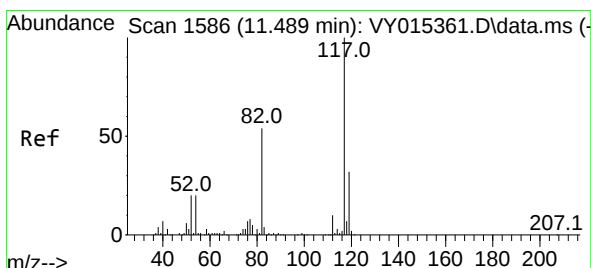
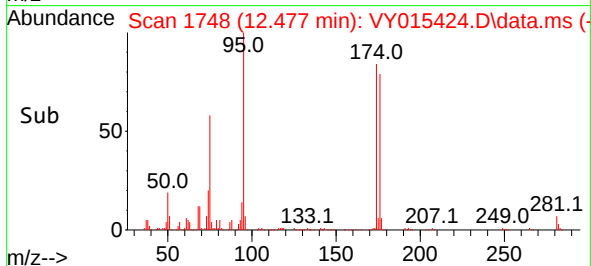
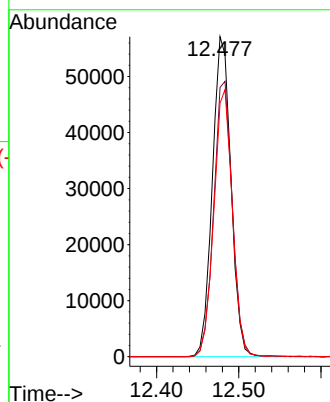
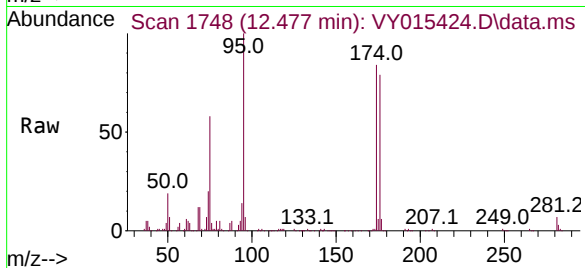




#62
4-Bromofluorobenzene
Concen: 51.253 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015424.D
Acq: 01 Sep 2023 18:39

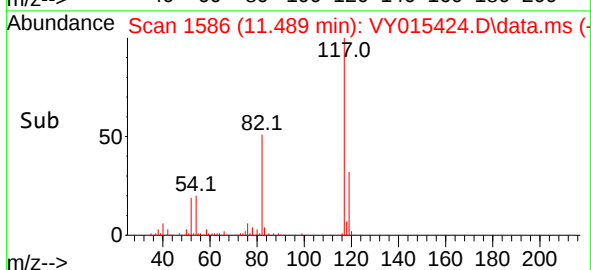
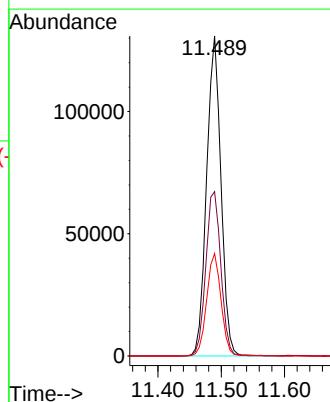
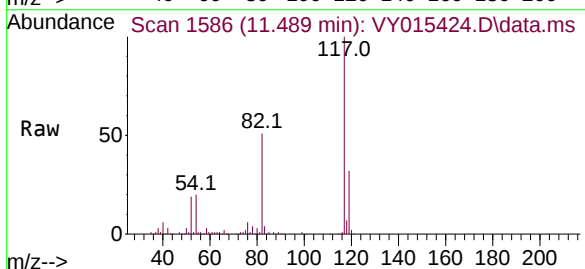
Instrument :
MSVOA_Y
ClientSampleId :
SB-5

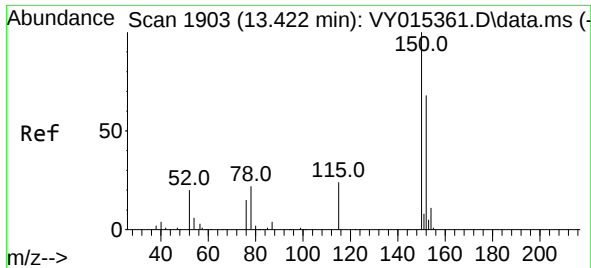
Tgt Ion: 95 Resp: 89723
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015424.D
Acq: 01 Sep 2023 18:39

Tgt Ion: 117 Resp: 206839
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.0 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: VY015424.D

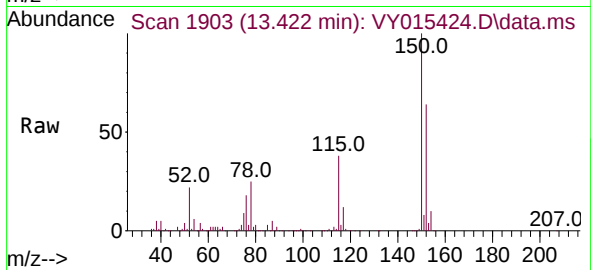
Acq: 01 Sep 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-5



Tgt Ion:152 Resp: 100325

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 155.1 0.0 348.8

