

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014779.D
 Acq On : 24 Jul 2023 17:53
 Operator : SY/MD
 Sample : 03719-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P22A

Quant Time: Jul 25 01:31:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

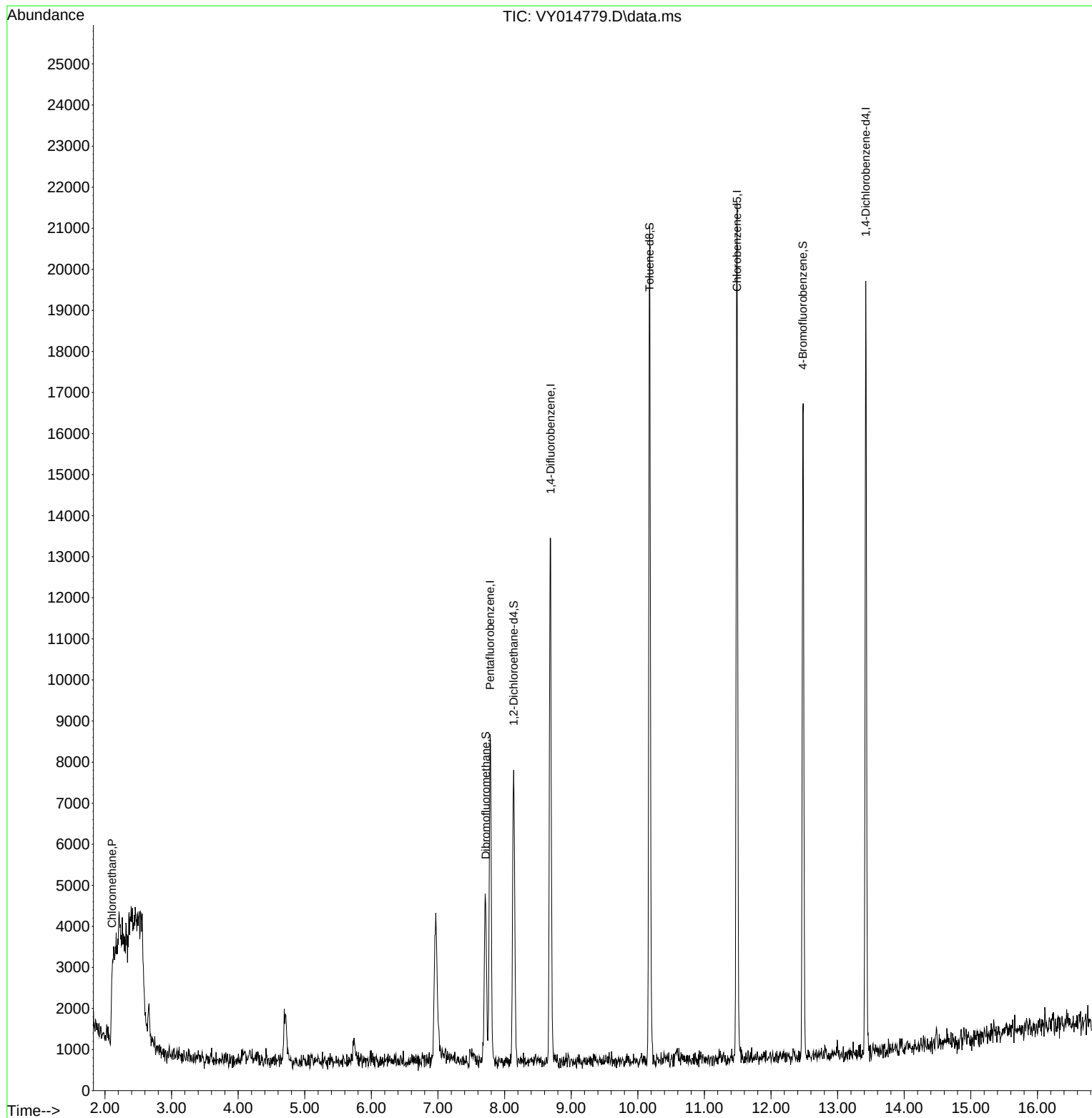
Internal Standards						
1) Pentafluorobenzene	7.783	168	6650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5538	73.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.160%
35) Dibromofluoromethane	7.716	113	3194	42.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.180%
50) Toluene-d8	10.179	98	13619	49.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.477	95	5262	49.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.260%
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	387	6.354	ug/l #	75

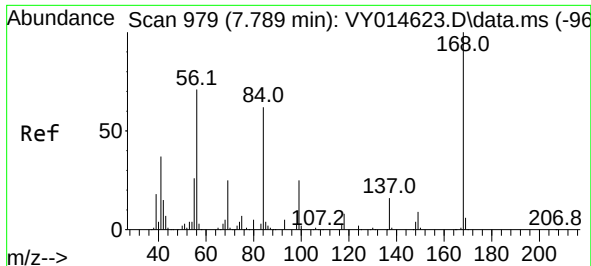
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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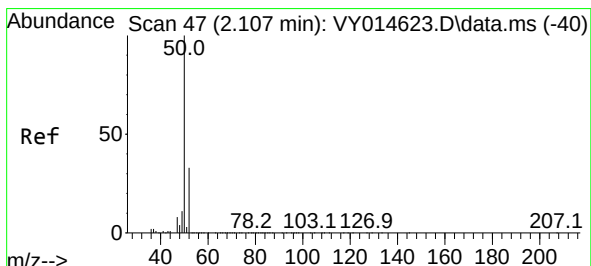
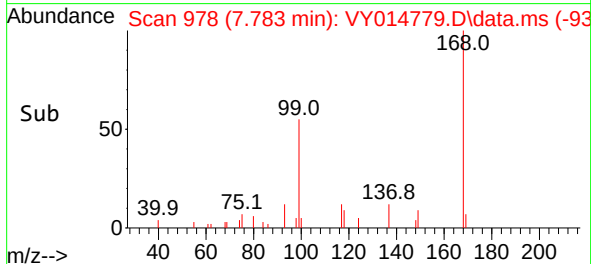
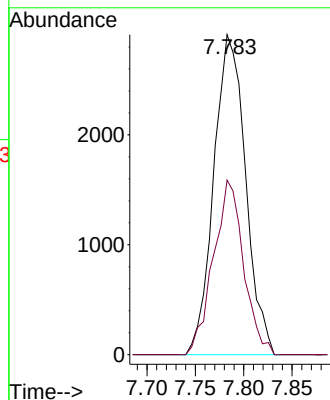
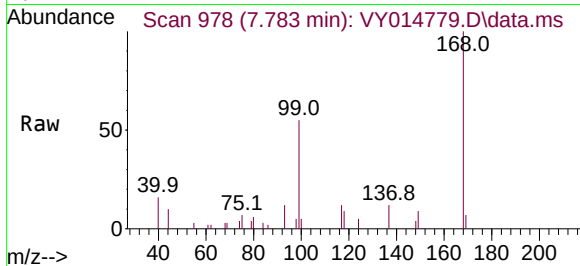




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014779.D
Acq: 24 Jul 2023 17:53

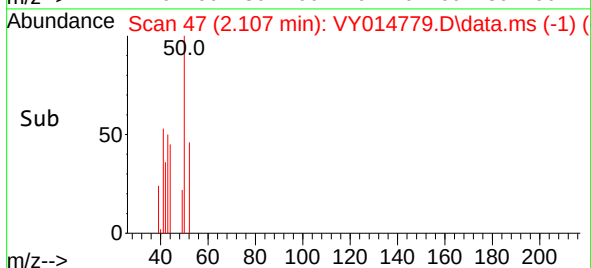
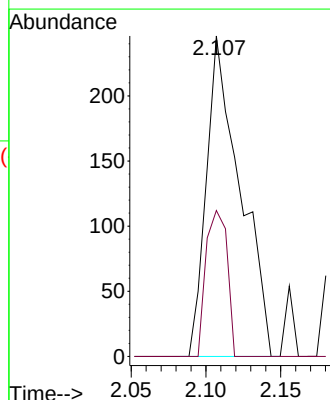
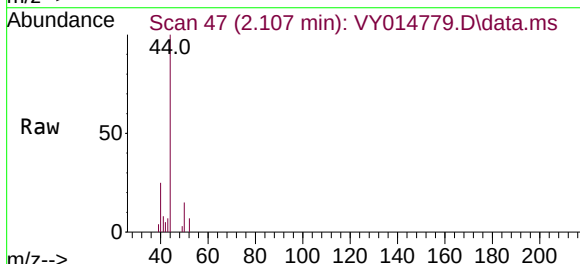
Instrument :
MSVOA_Y
ClientSampleId :
B-P22A

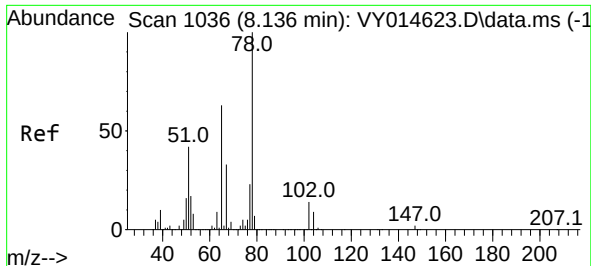
Tgt Ion:168 Resp: 6650
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#3
Chloromethane
Concen: 6.354 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY014779.D
Acq: 24 Jul 2023 17:53

Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 45.5 25.4 38.2#





#33

1,2-Dichloroethane-d4

Concen: 73.081 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY014779.D

Acq: 24 Jul 2023 17:53

Instrument :

MSVOA_Y

ClientSampleId :

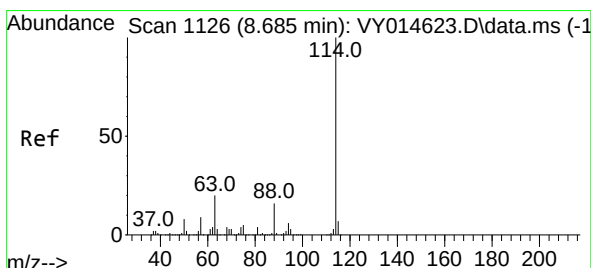
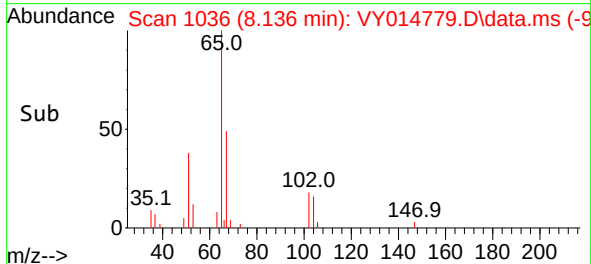
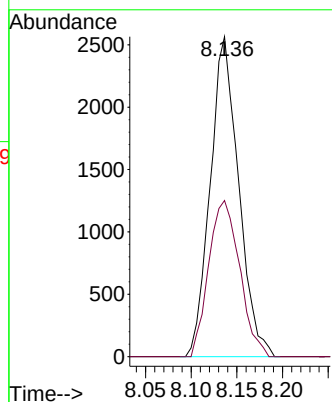
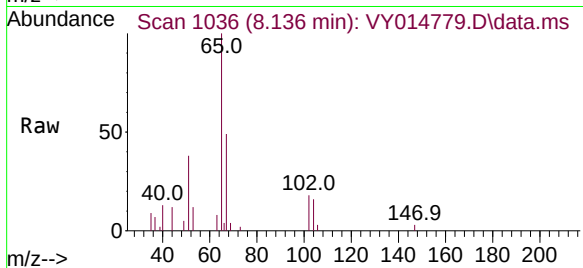
B-P22A

Tgt Ion: 65 Resp: 5538

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014779.D

Acq: 24 Jul 2023 17:53

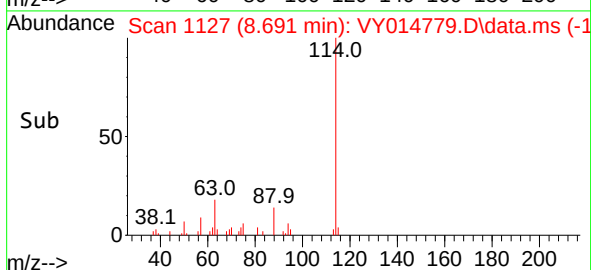
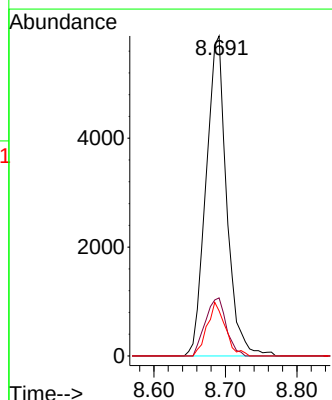
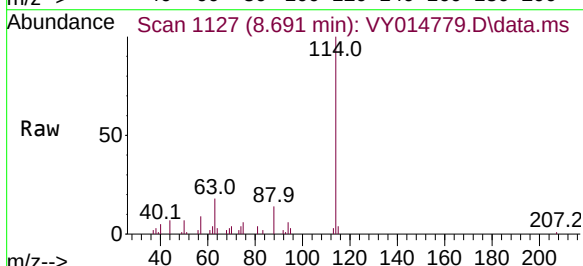
Tgt Ion: 114 Resp: 11781

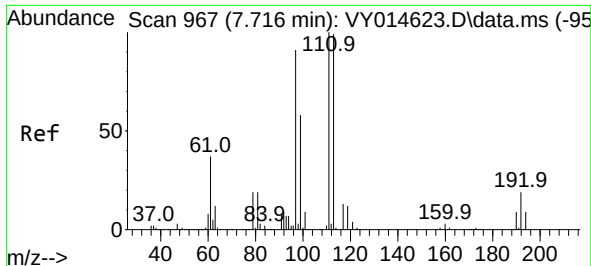
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 42.590 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY014779.D

Acq: 24 Jul 2023 17:53

Instrument :

MSVOA_Y

ClientSampleId :

B-P22A

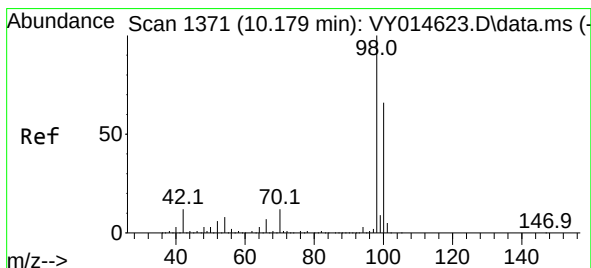
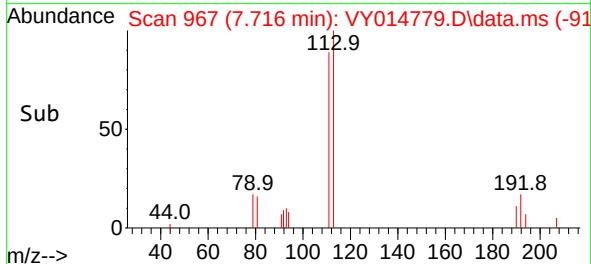
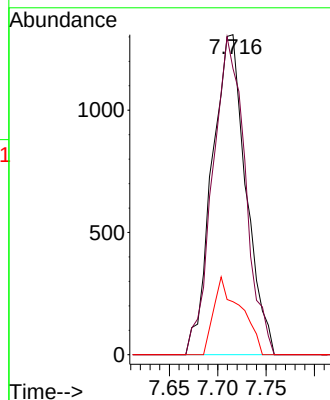
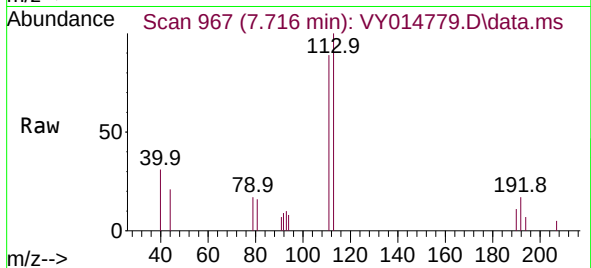
Tgt Ion:113 Resp: 3194

Ion Ratio Lower Upper

113 100

111 95.4 81.3 121.9

192 19.3 16.9 25.3



#50

Toluene-d8

Concen: 49.257 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014779.D

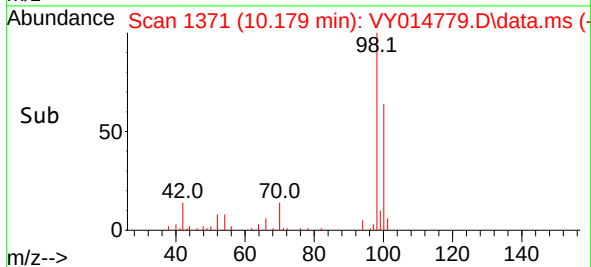
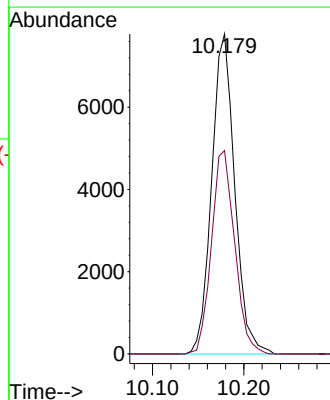
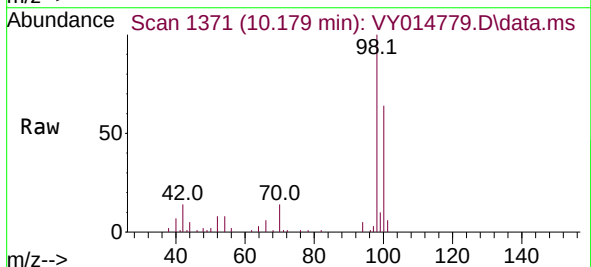
Acq: 24 Jul 2023 17:53

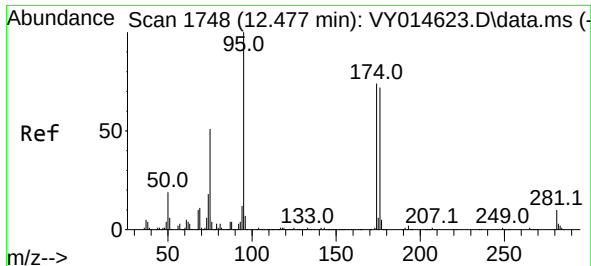
Tgt Ion: 98 Resp: 13619

Ion Ratio Lower Upper

98 100

100 64.1 50.1 75.1

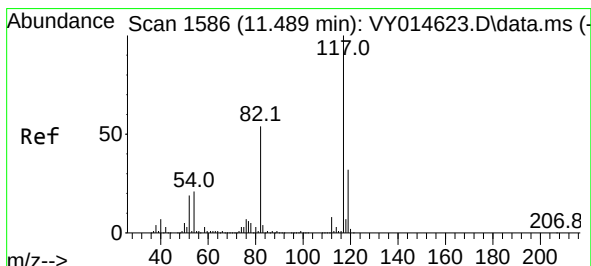
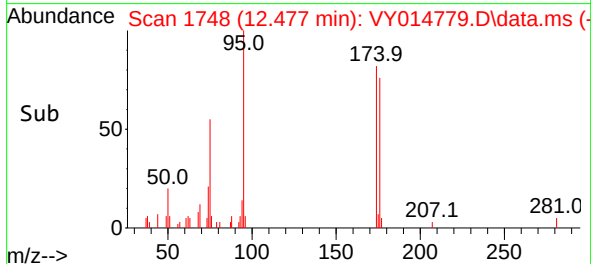
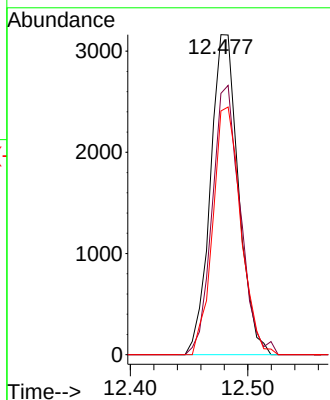
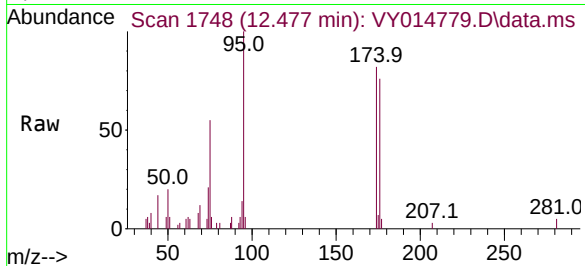




#62
4-Bromofluorobenzene
Concen: 49.634 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014779.D
Acq: 24 Jul 2023 17:53

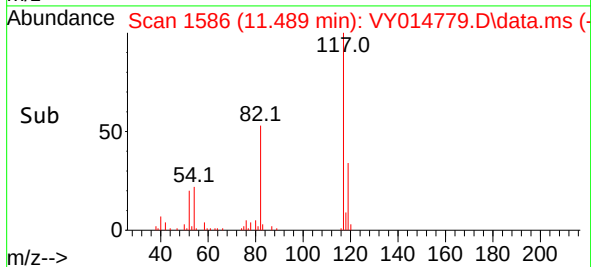
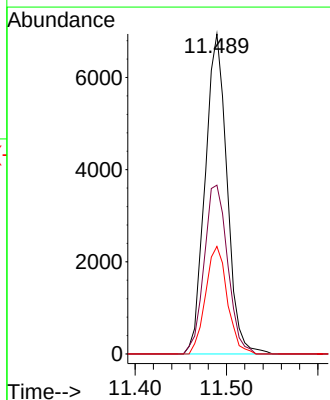
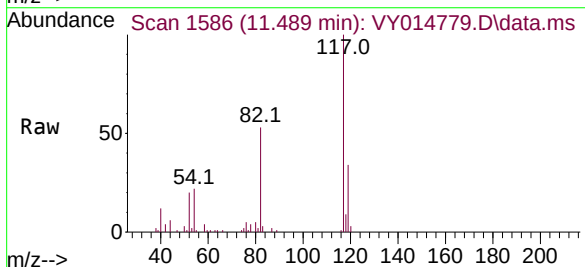
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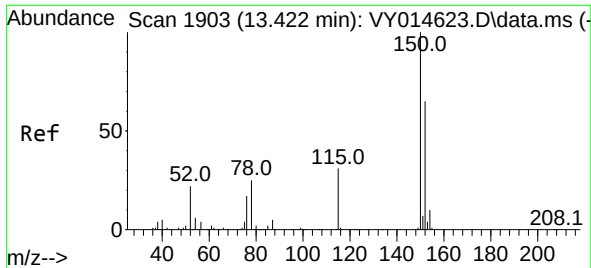
Tgt Ion: 95 Resp: 5262
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 77.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014779.D
Acq: 24 Jul 2023 17:53

Tgt Ion: 117 Resp: 11538
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 33.6 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: VY014779.D

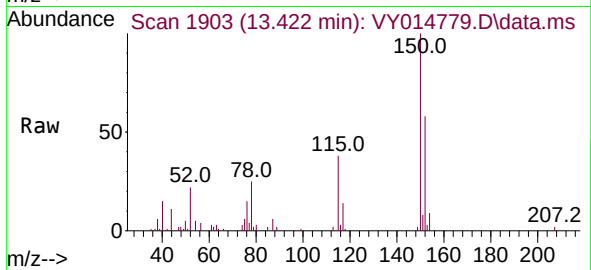
Acq: 24 Jul 2023 17:53

Instrument :

MSVOA_Y

ClientSampleId :

B-P22A



Tgt Ion:152 Resp: 4838

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 162.6 0.0 348.8

