

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014571.D
 Acq On : 05 Jul 2023 20:18
 Operator : KP/MD
 Sample : 03513-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 500-1-AB

Quant Time: Jul 06 01:38:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

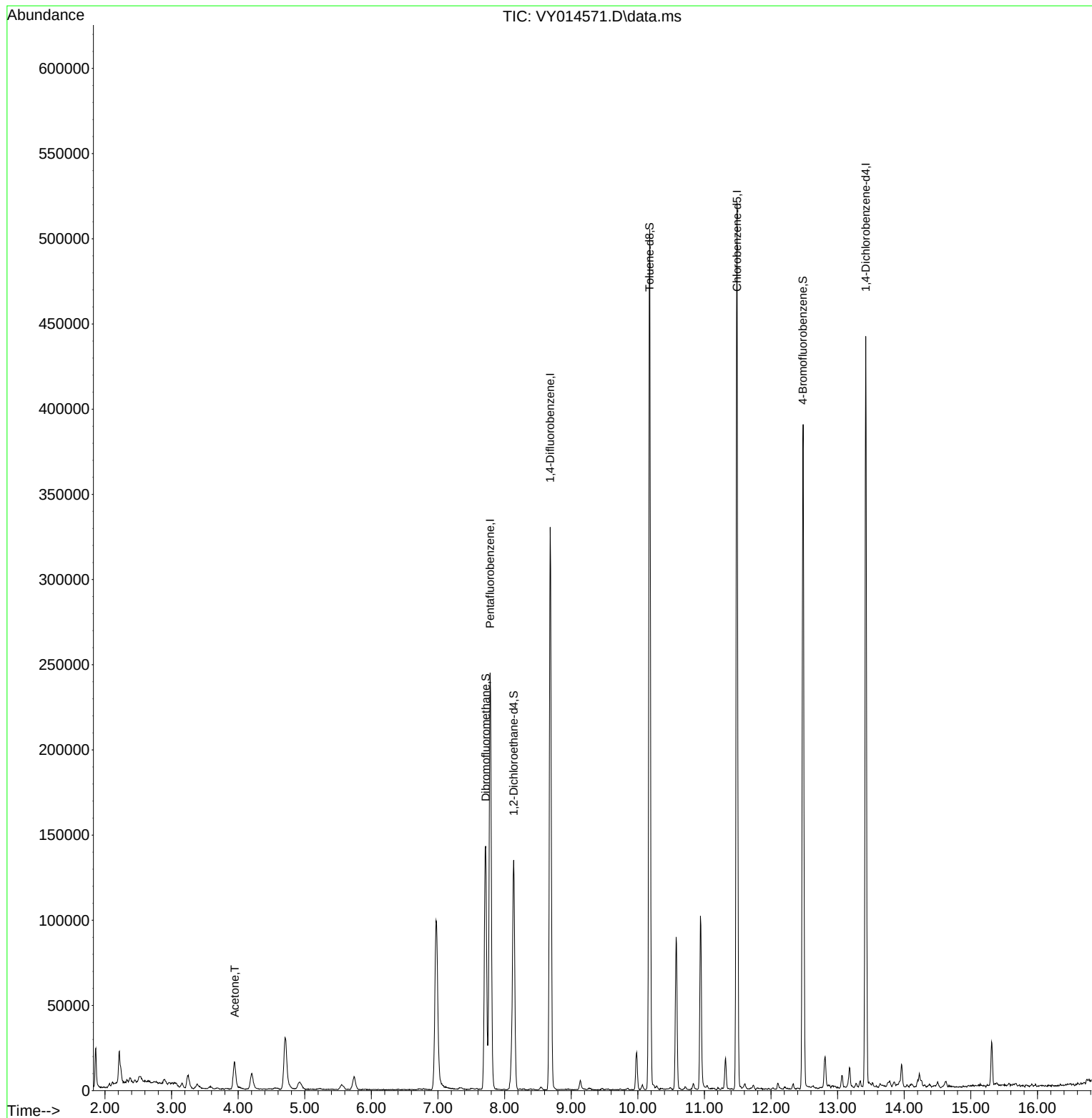
Internal Standards						
1) Pentafluorobenzene	7.783	168	215482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	301749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100308	46.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.580%
35) Dibromofluoromethane	7.716	113	104050	54.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.800%
50) Toluene-d8	10.179	98	356680	47.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.477	95	105751	40.646	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.300%
Target Compounds						
16) Acetone	3.948	43	28501	42.576	ug/l	Qvalue # 88

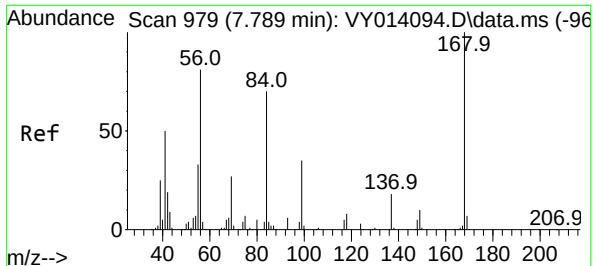
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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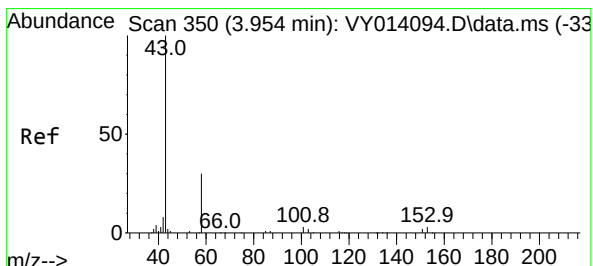
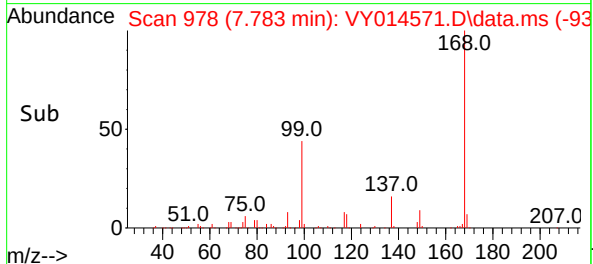
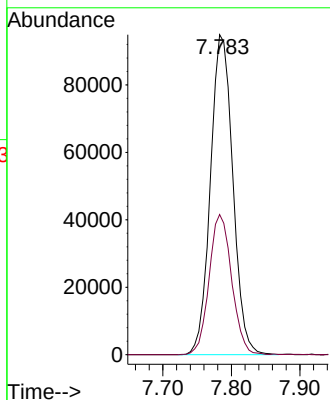
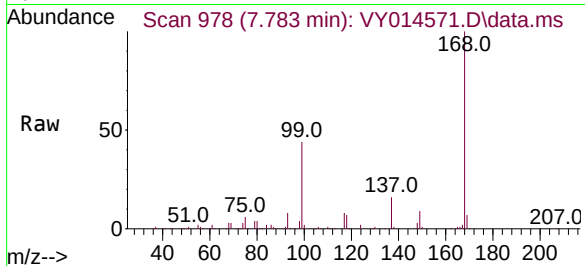




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014571.D
Acq: 05 Jul 2023 20:18

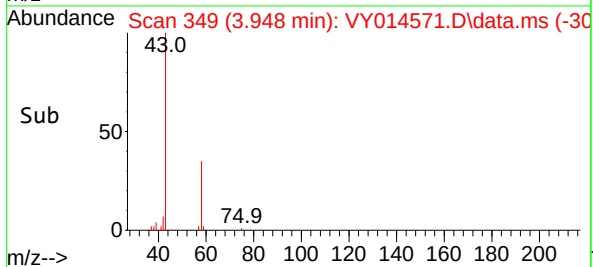
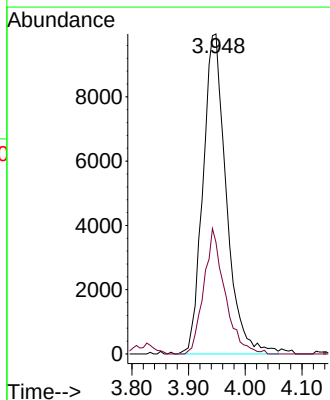
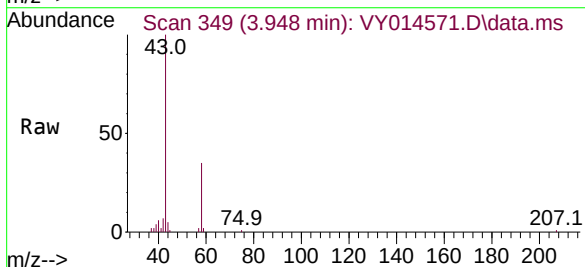
Instrument :
MSVOA_Y
ClientSampleId :
500-1-AB

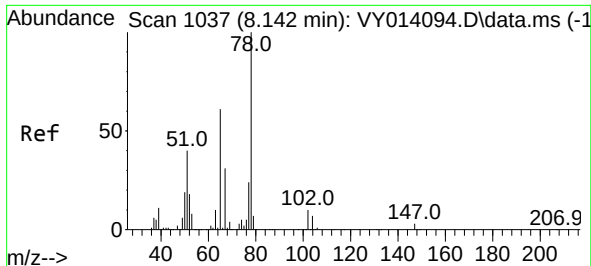
Tgt Ion:168 Resp: 215482
Ion Ratio Lower Upper
168 100
99 43.8 43.4 65.0



#16
Acetone
Concen: 42.576 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014571.D
Acq: 05 Jul 2023 20:18

Tgt Ion: 43 Resp: 28501
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 46.795 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY014571.D

Acq: 05 Jul 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

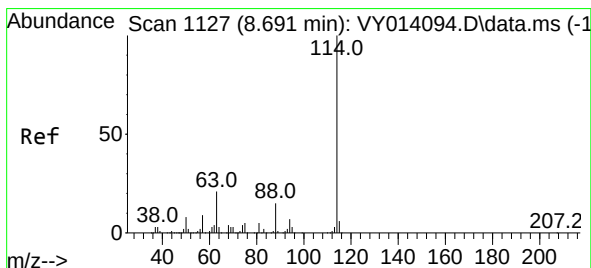
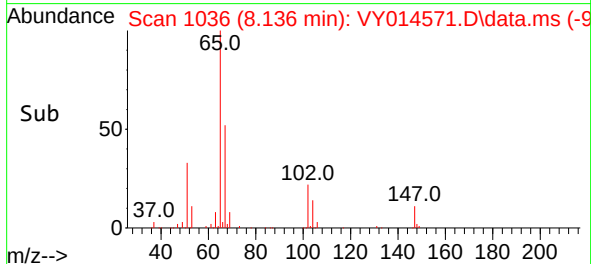
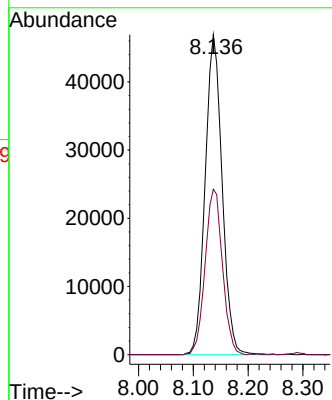
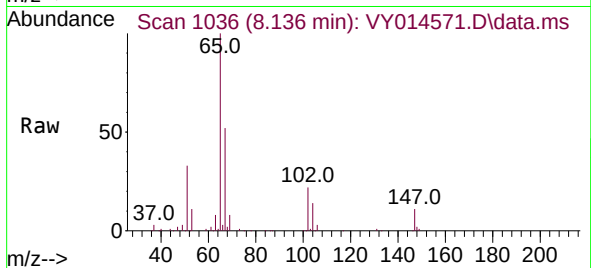
500-1-AB

Tgt Ion: 65 Resp: 100308

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014571.D

Acq: 05 Jul 2023 20:18

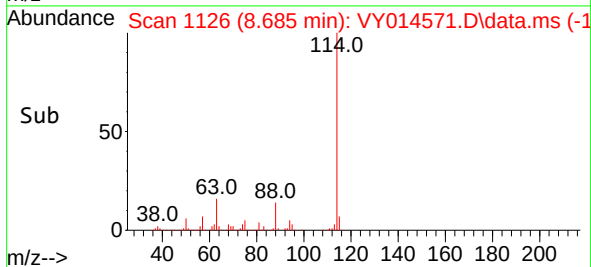
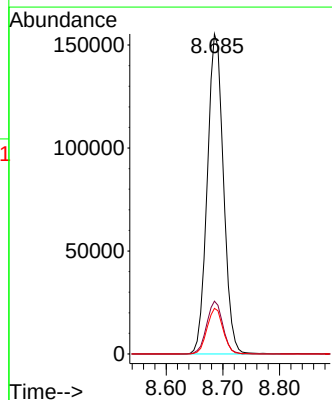
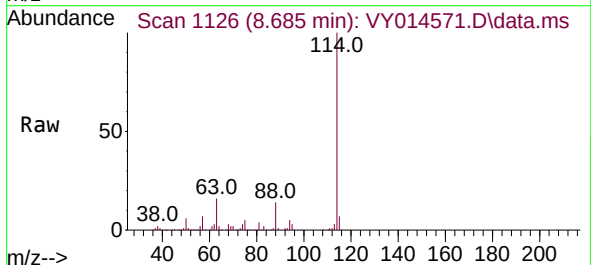
Tgt Ion: 114 Resp: 307786

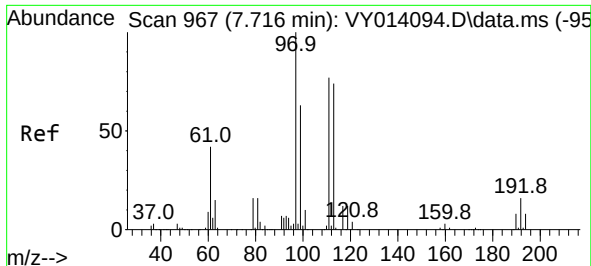
Ion Ratio Lower Upper

114 100

63 16.5 0.0 42.4

88 14.2 0.0 30.6

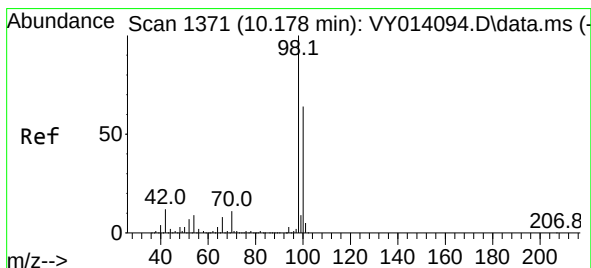
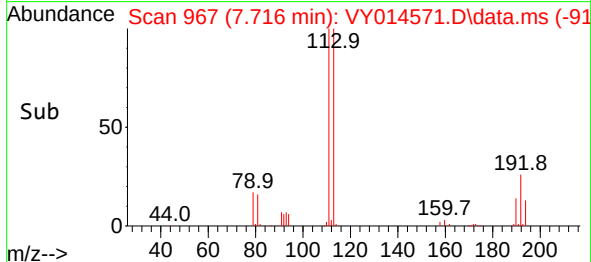
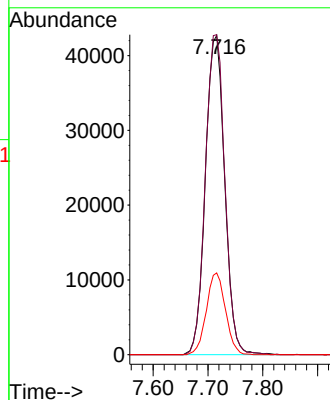
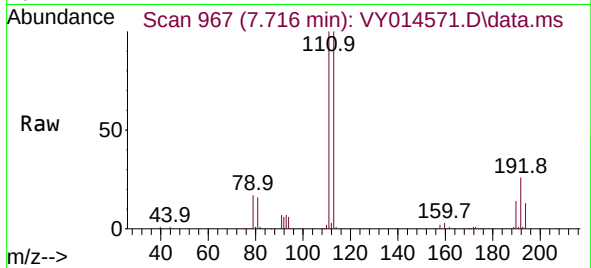




#35
Dibromofluoromethane
Concen: 54.897 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014571.D
Acq: 05 Jul 2023 20:18

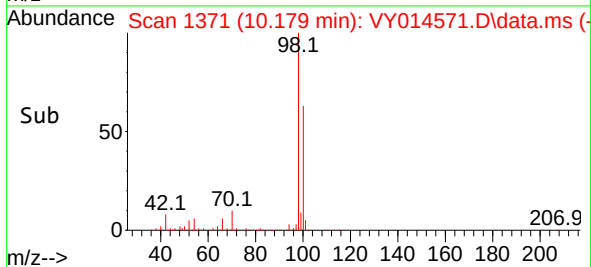
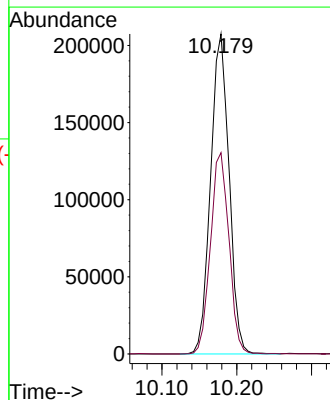
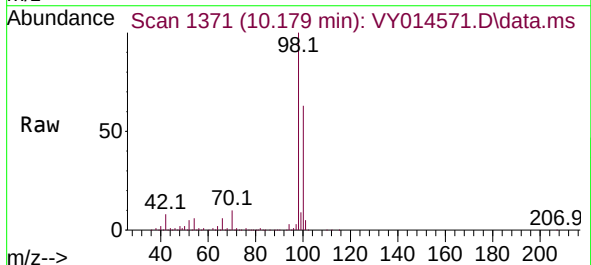
Instrument :
MSVOA_Y
ClientSampleId :
500-1-AB

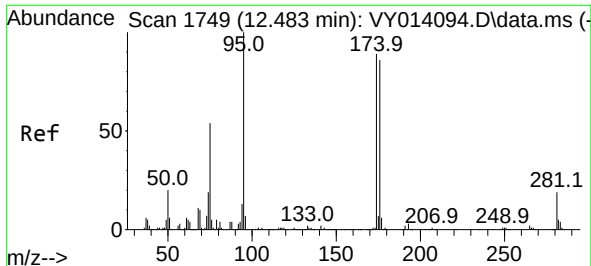
Tgt Ion:113 Resp: 104050
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 25.4 16.9 25.3#



#50
Toluene-d8
Concen: 47.604 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014571.D
Acq: 05 Jul 2023 20:18

Tgt Ion: 98 Resp: 356680
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1

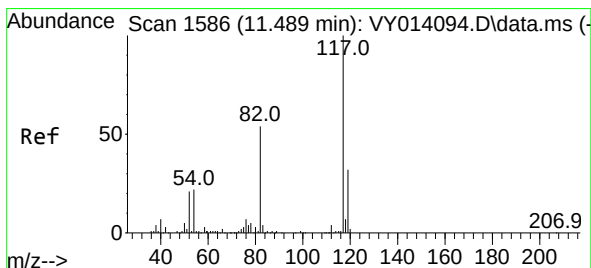
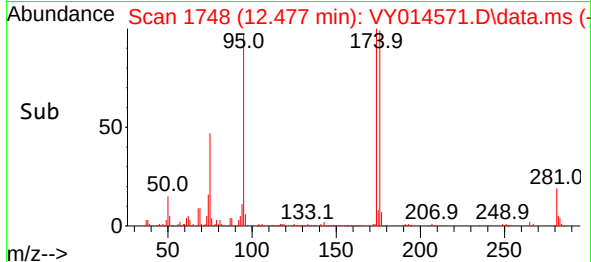
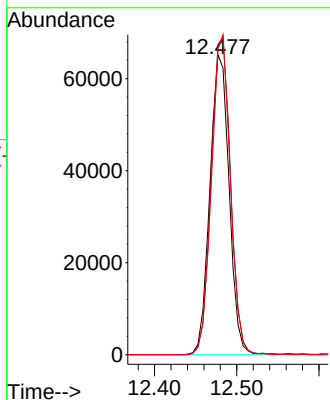
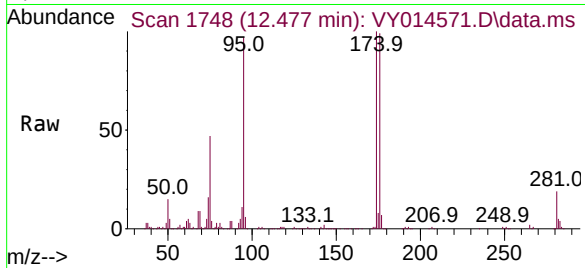




#62
4-Bromofluorobenzene
Concen: 40.646 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014571.D
Acq: 05 Jul 2023 20:18

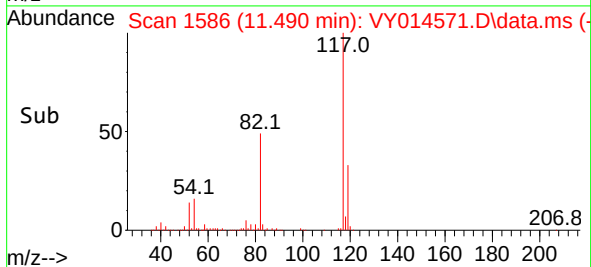
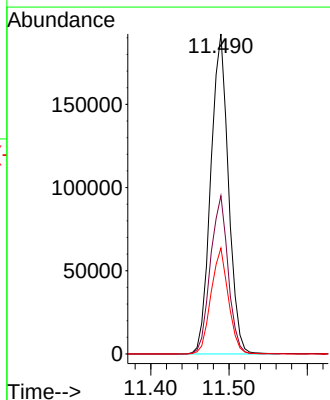
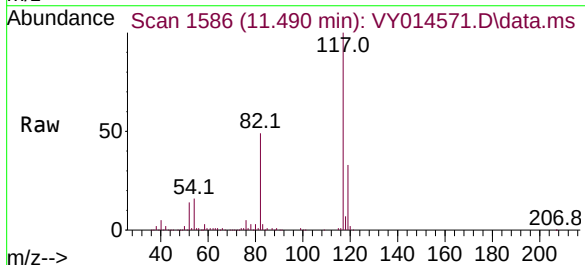
Instrument :
MSVOA_Y
ClientSampleId :
500-1-AB

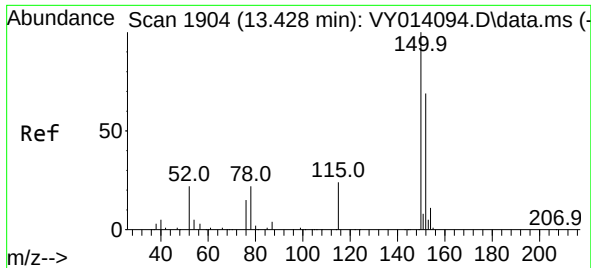
Tgt Ion: 95 Resp: 105751
Ion Ratio Lower Upper
95 100
174 107.1 0.0 178.2
176 104.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014571.D
Acq: 05 Jul 2023 20:18

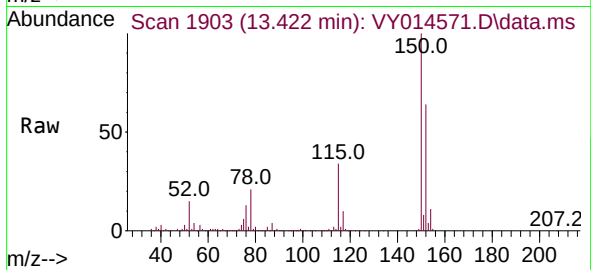
Tgt Ion: 117 Resp: 301749
Ion Ratio Lower Upper
117 100
82 49.5 43.4 65.0
119 33.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014571.D
 Acq: 05 Jul 2023 20:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 500-1-AB



Tgt Ion:152 Resp: 127103
 Ion Ratio Lower Upper
 152 100
 115 52.6 28.8 86.5
 150 155.9 0.0 348.8

