

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014003.D
 Acq On : 05 Jun 2023 13:36
 Operator : KP/MD
 Sample : 03002-06
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03

Quant Time: Jun 05 15:33:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

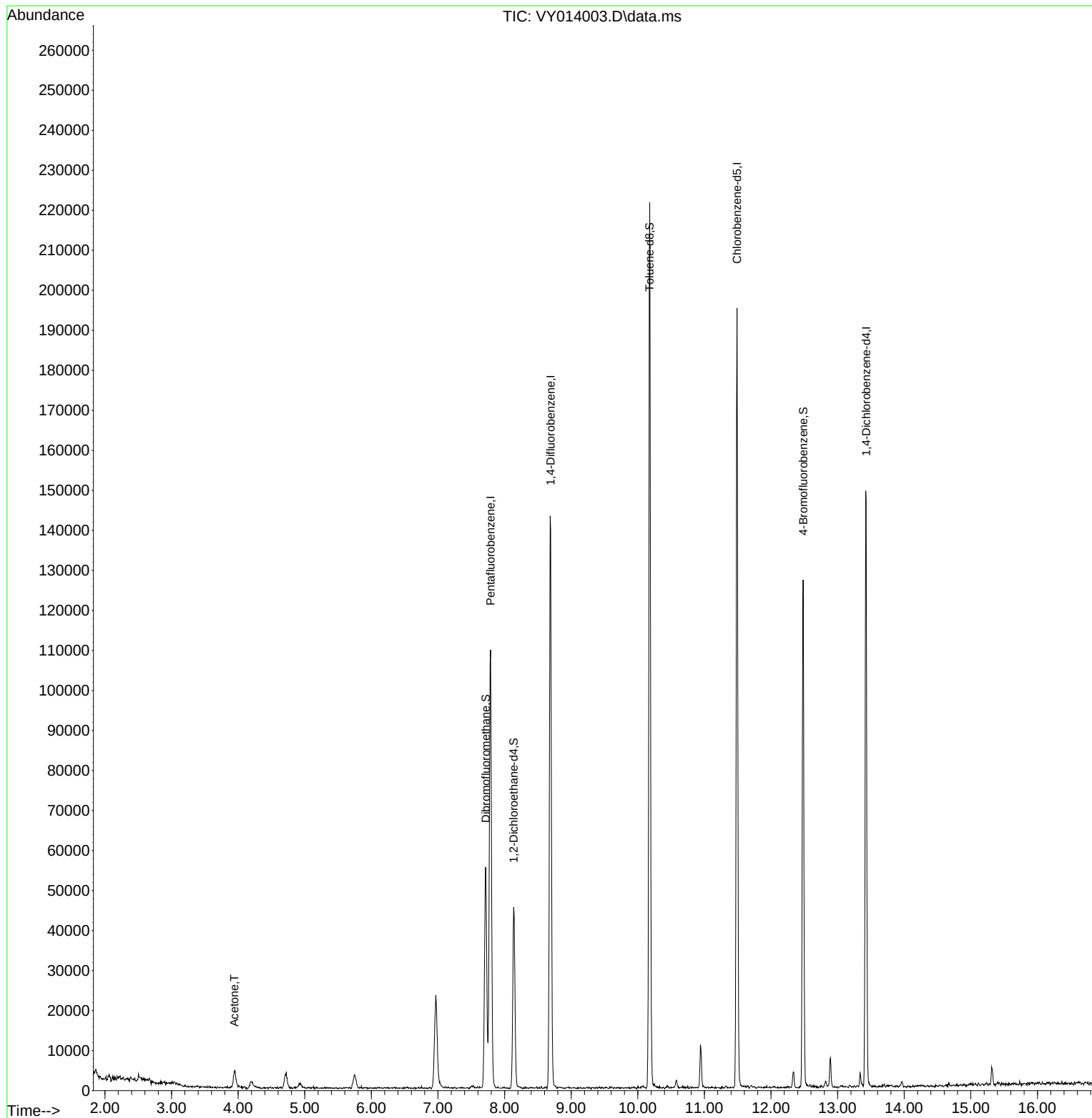
Internal Standards						
1) Pentafluorobenzene	7.789	168	84951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37444	33.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.600%
35) Dibromofluoromethane	7.716	113	37209	48.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.179	98	141964	48.630	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.483	95	37002	37.179	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.360%
Target Compounds						
16) Acetone	3.942	43	7478	19.436	ug/l	Qvalue 94

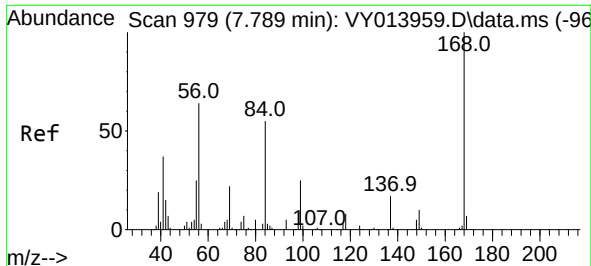
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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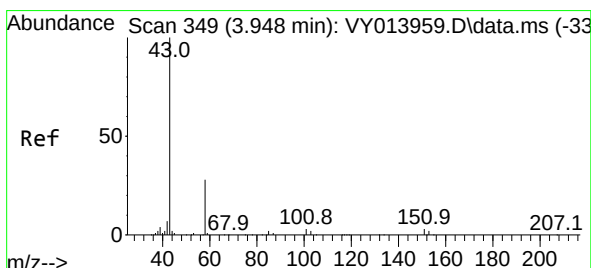
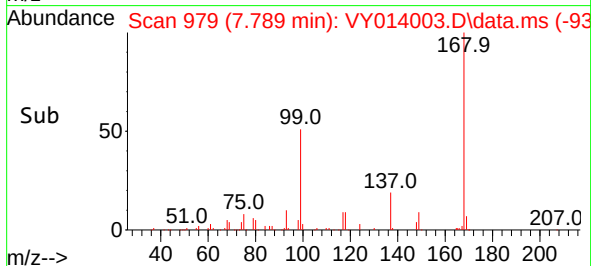
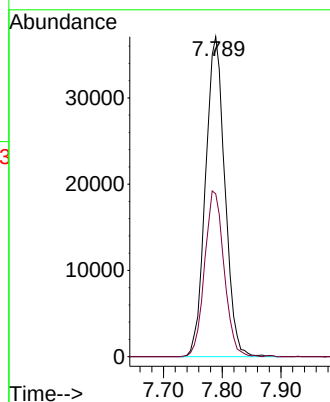
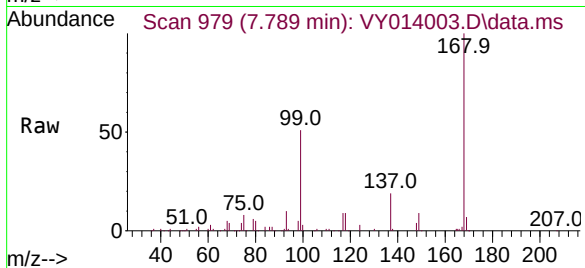




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014003.D
Acq: 05 Jun 2023 13:36

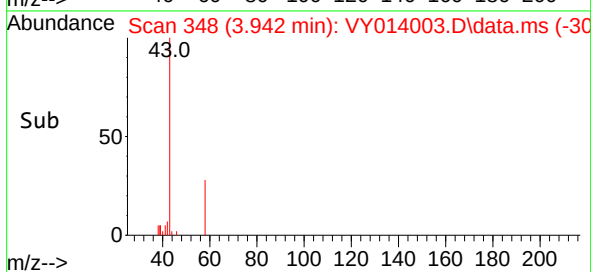
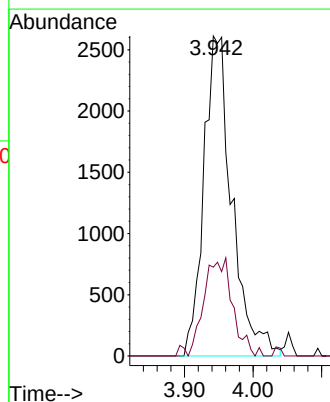
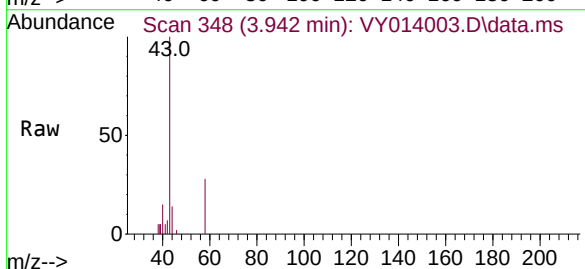
Instrument :
MSVOA_Y
ClientSampleId :
SB03

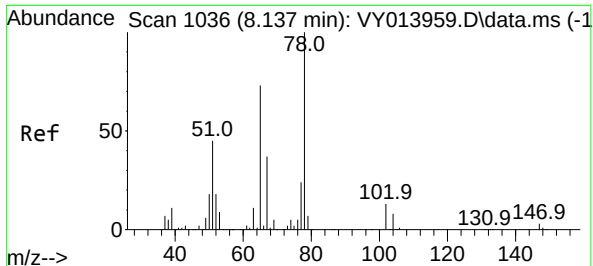
Tgt Ion:168 Resp: 84951
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#16
Acetone
Concen: 19.436 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY014003.D
Acq: 05 Jun 2023 13:36

Tgt Ion: 43 Resp: 7478
Ion Ratio Lower Upper
43 100
58 25.3 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 33.297 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY014003.D

Acq: 05 Jun 2023 13:36

Instrument :

MSVOA_Y

ClientSampleId :

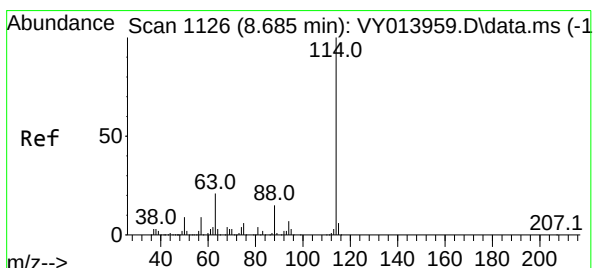
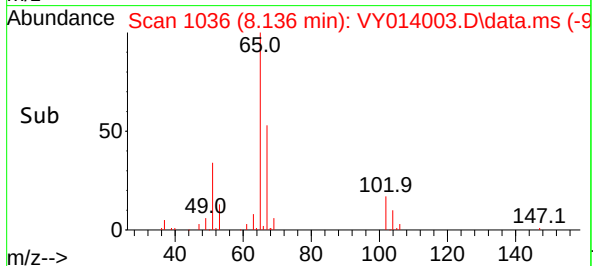
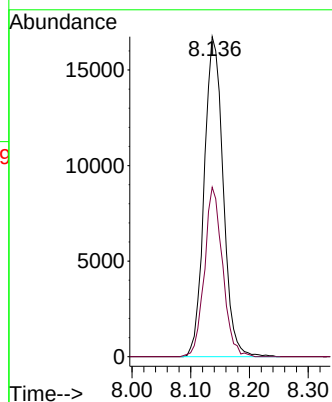
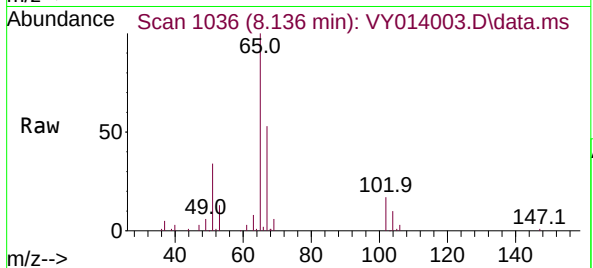
SB03

Tgt Ion: 65 Resp: 37444

Ion Ratio Lower Upper

65 100

67 50.7 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: VY014003.D

Acq: 05 Jun 2023 13:36

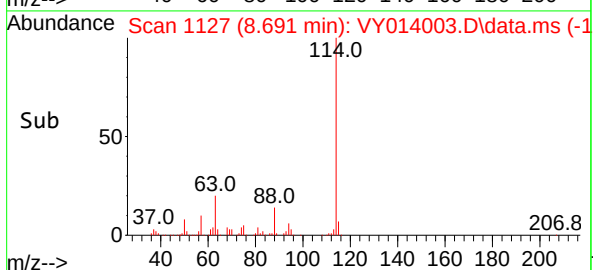
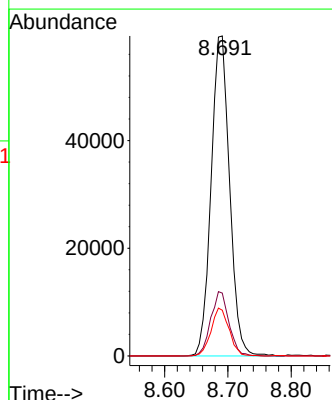
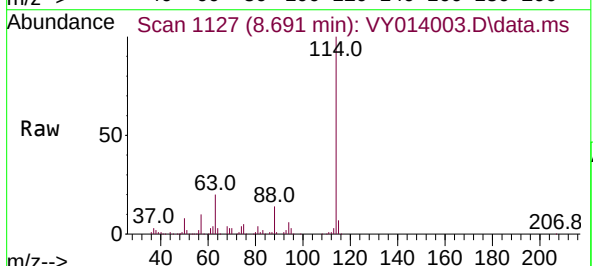
Tgt Ion: 114 Resp: 120427

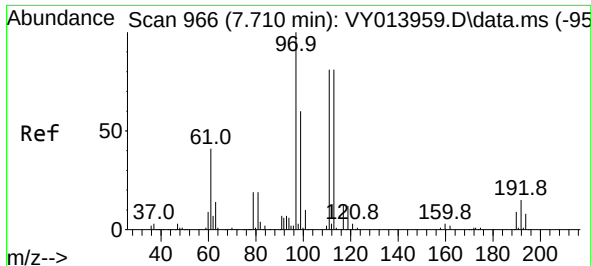
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 14.3 0.0 30.6

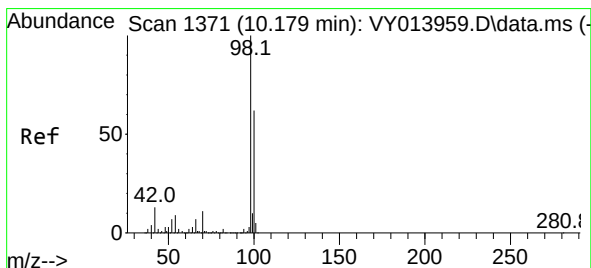
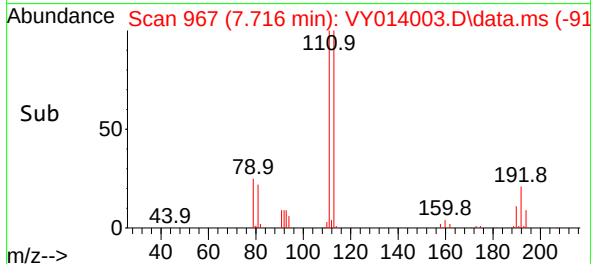
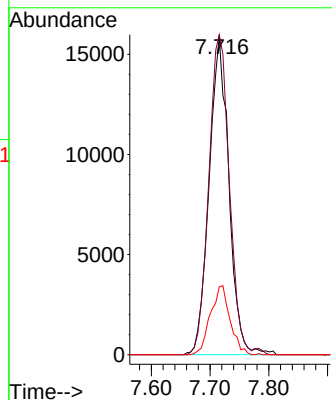
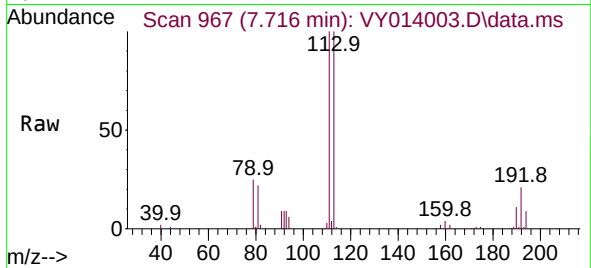




#35
Dibromofluoromethane
Concen: 48.618 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014003.D
Acq: 05 Jun 2023 13:36

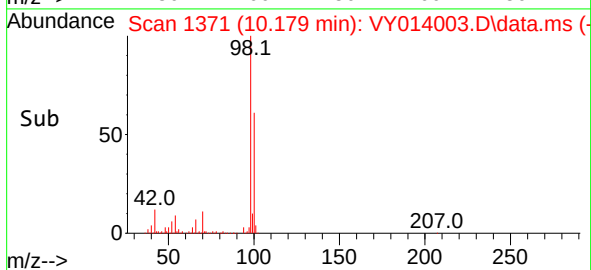
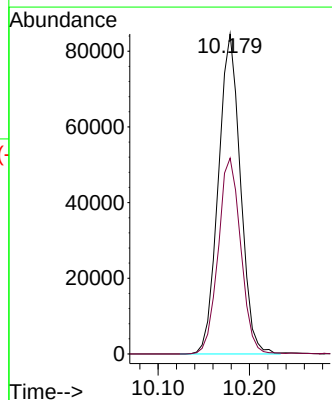
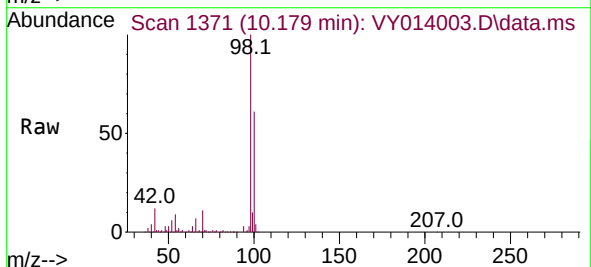
Instrument :
MSVOA_Y
ClientSampleId :
SB03

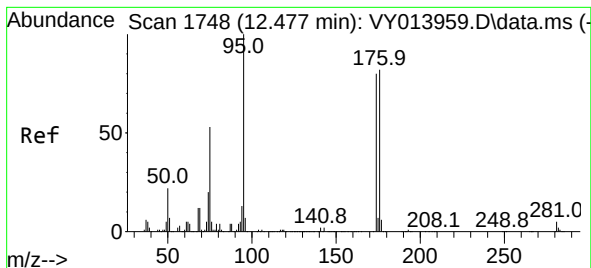
Tgt Ion:113 Resp: 37209
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 48.630 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014003.D
Acq: 05 Jun 2023 13:36

Tgt Ion: 98 Resp: 141964
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

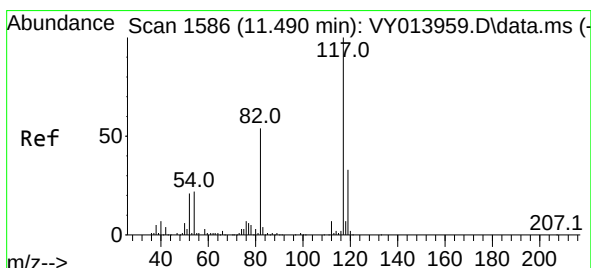
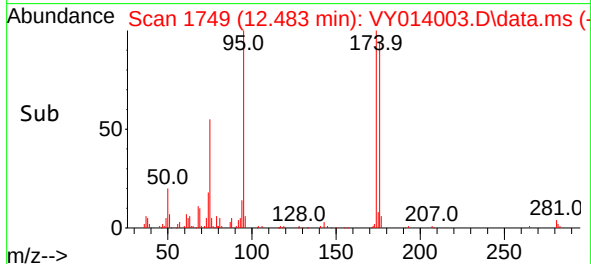
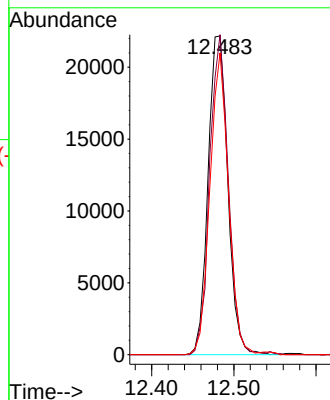
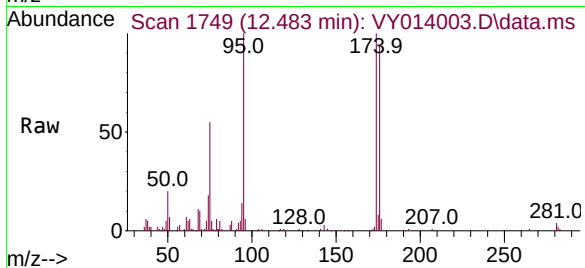




#62
4-Bromofluorobenzene
Concen: 37.179 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014003.D
Acq: 05 Jun 2023 13:36

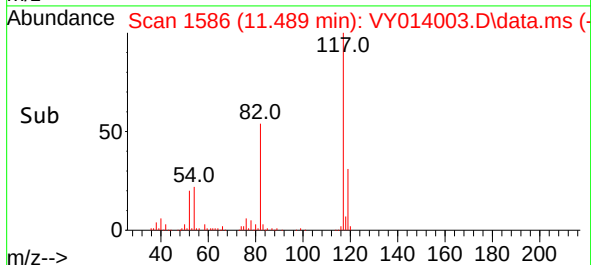
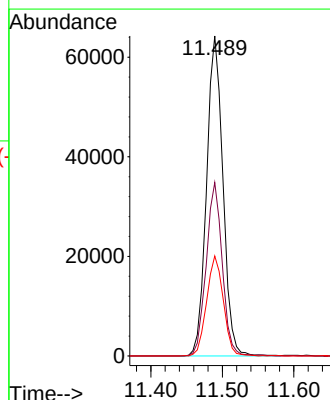
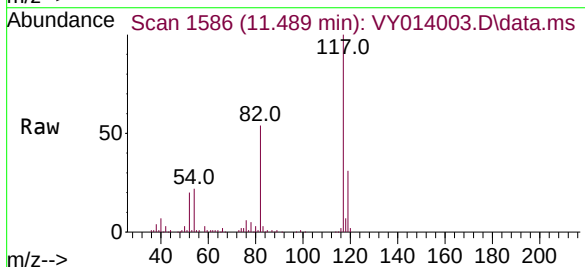
Instrument :
MSVOA_Y
ClientSampleId :
SB03

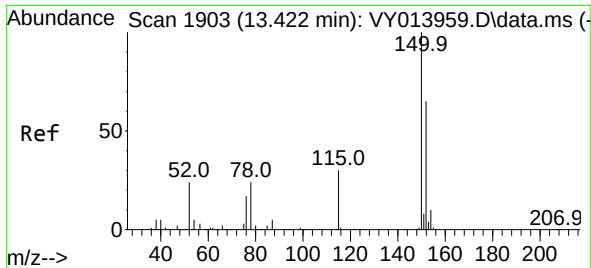
Tgt Ion: 95 Resp: 37002
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.2
176 89.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014003.D
Acq: 05 Jun 2023 13:36

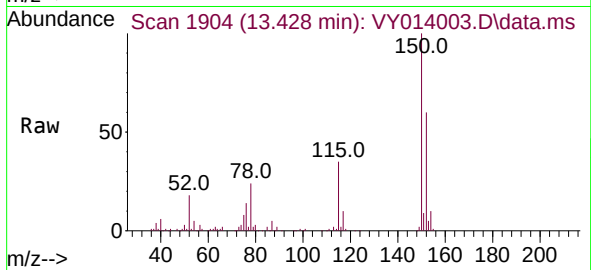
Tgt Ion: 117 Resp: 102260
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014003.D
 Acq: 05 Jun 2023 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03



Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.8	86.5
150	162.1	0.0	348.8

