

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014268.D
 Acq On : 20 Jun 2023 08:10
 Operator : KP/MD
 Sample : 03302-03
 Misc : 7.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Jun 20 11:25:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

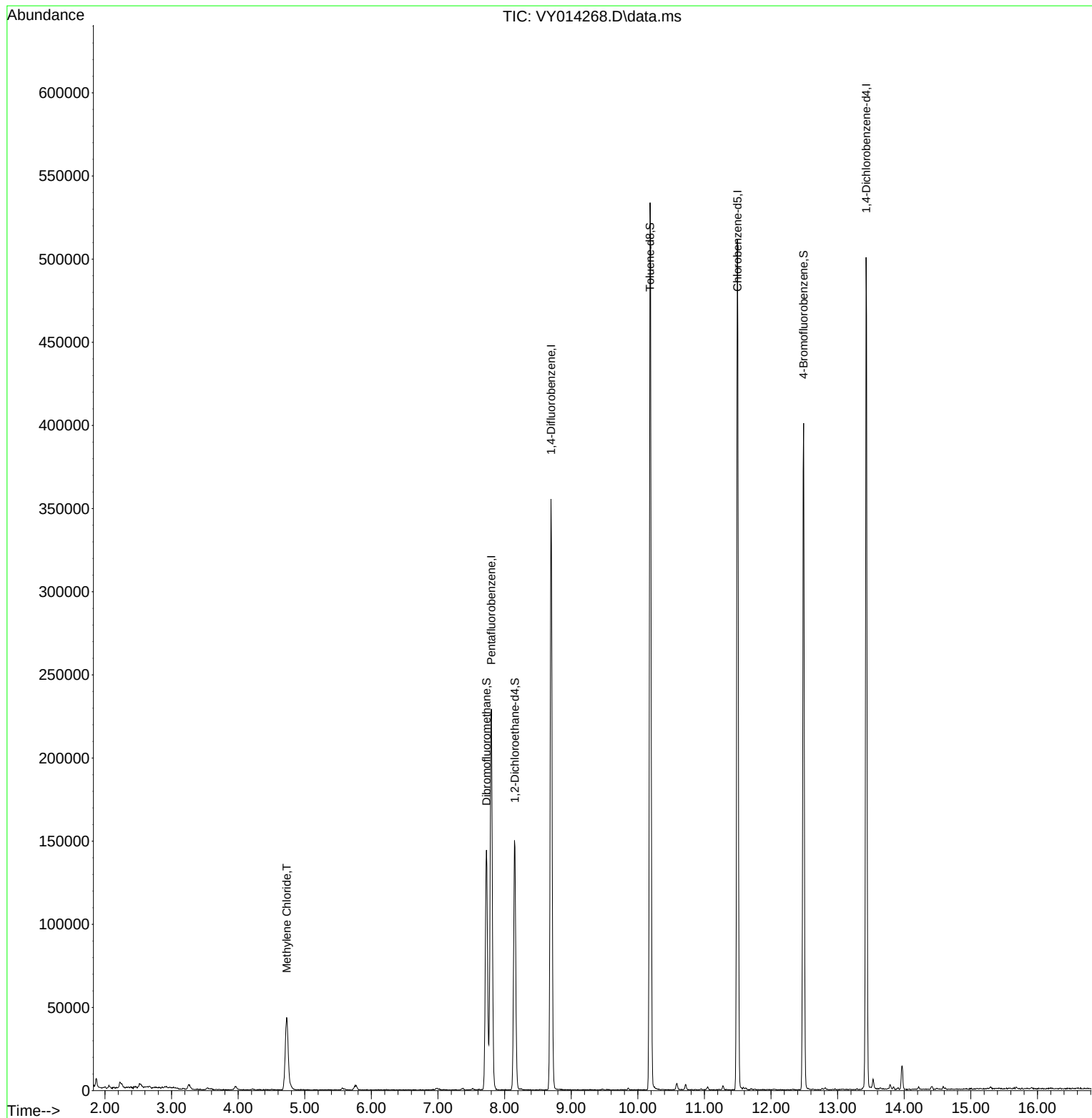
Internal Standards						
1) Pentafluorobenzene	7.801	168	182154	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	288017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	125693	49.553	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.728	113	98744	48.343	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.680%
50) Toluene-d8	10.185	98	349836	45.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.489	95	109824	40.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.980%
Target Compounds						
20) Methylene Chloride	4.729	84	32020	10.269	ug/l	Qvalue 99

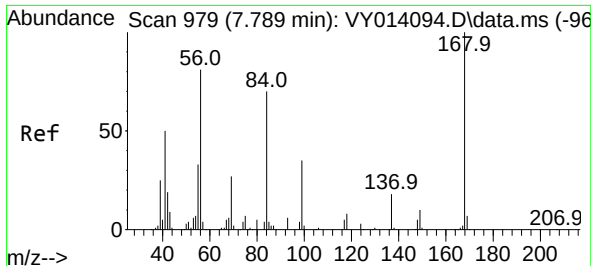
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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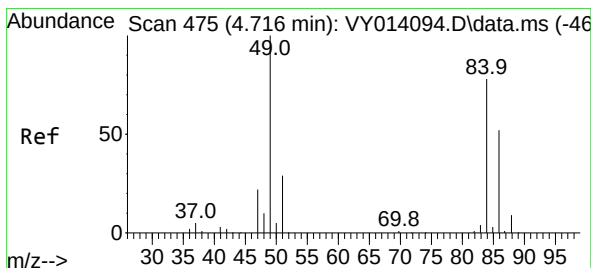
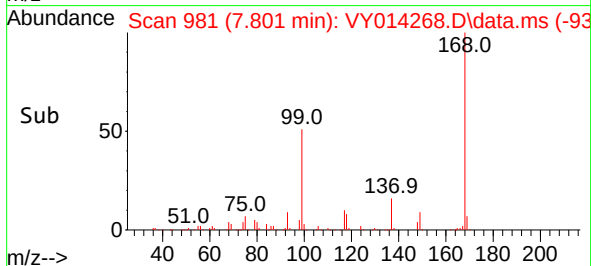
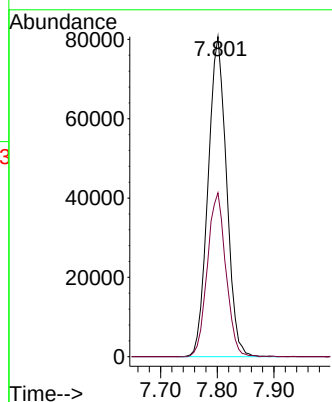
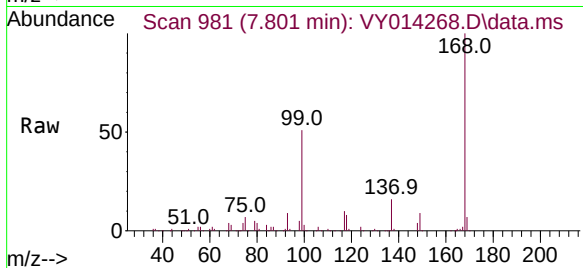




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY014268.D
Acq: 20 Jun 2023 08:10

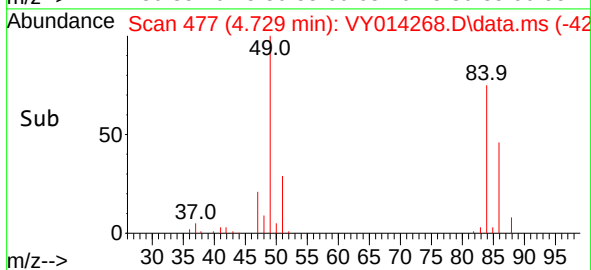
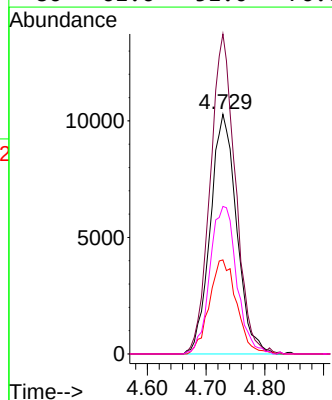
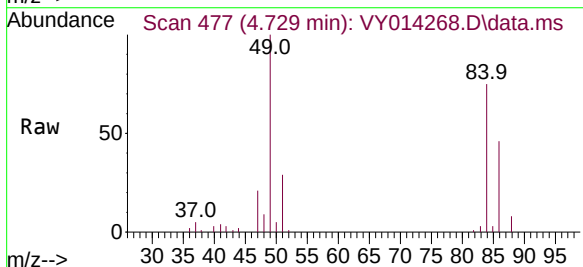
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

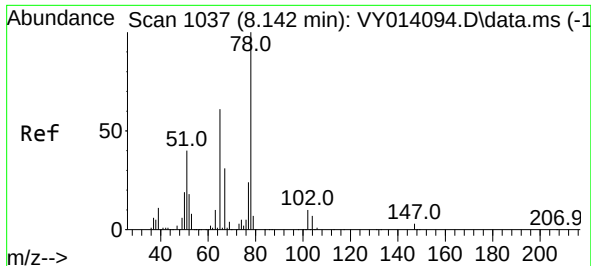
Tgt Ion:168 Resp: 182154
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#20
Methylene Chloride
Concen: 10.269 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY014268.D
Acq: 20 Jun 2023 08:10

Tgt Ion: 84 Resp: 32020
Ion Ratio Lower Upper
84 100
49 133.5 106.9 160.3
51 39.2 33.2 49.8
86 61.6 51.0 76.6

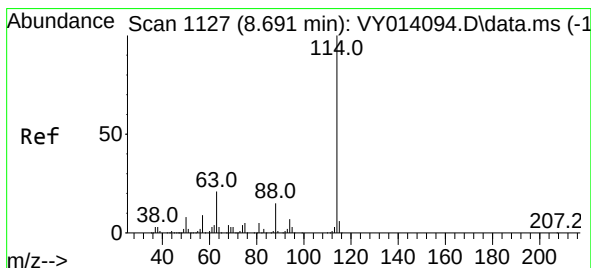
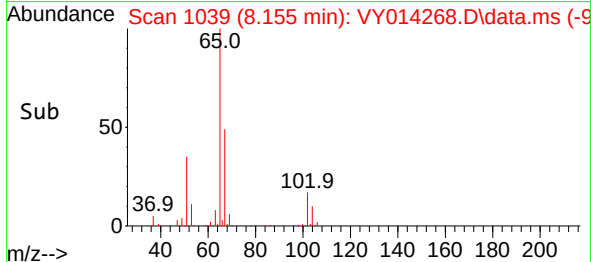
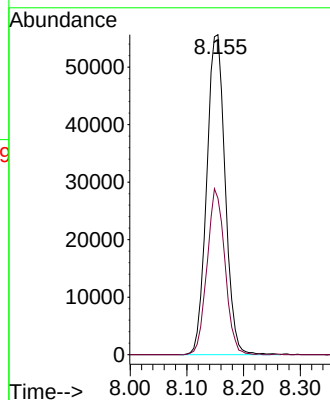
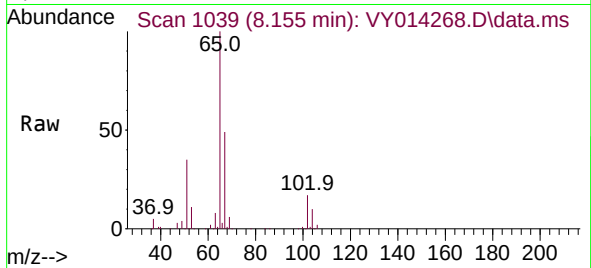




#33
 1,2-Dichloroethane-d4
 Concen: 49.553 ug/l
 RT: 8.155 min Scan# 1037
 Delta R.T. 0.013 min
 Lab File: VY014268.D
 Acq: 20 Jun 2023 08:10

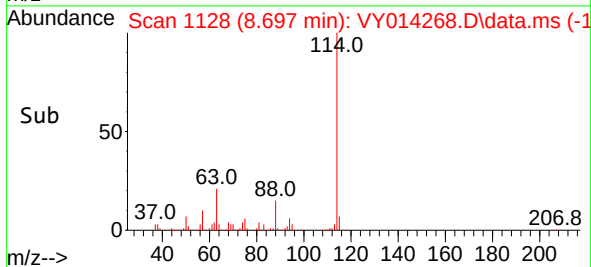
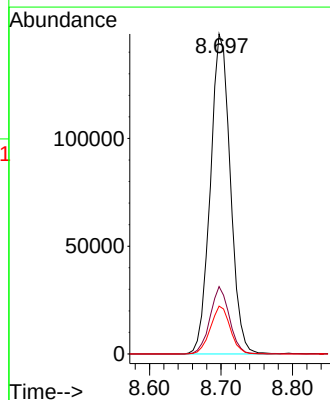
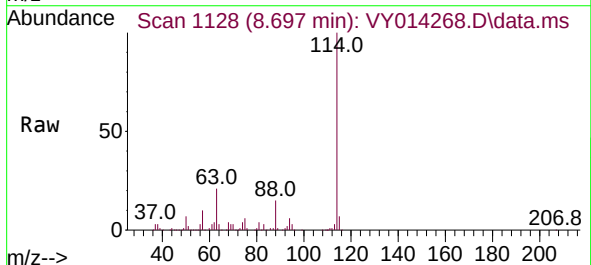
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

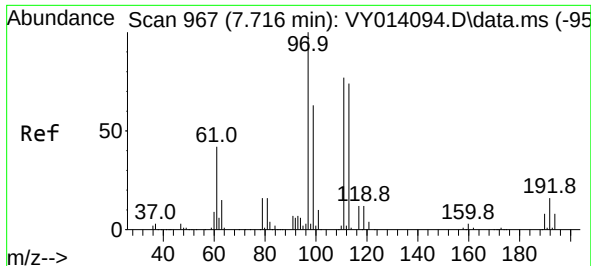
Tgt Ion: 65 Resp: 125693
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY014268.D
 Acq: 20 Jun 2023 08:10

Tgt Ion: 114 Resp: 288017
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.0 0.0 30.6

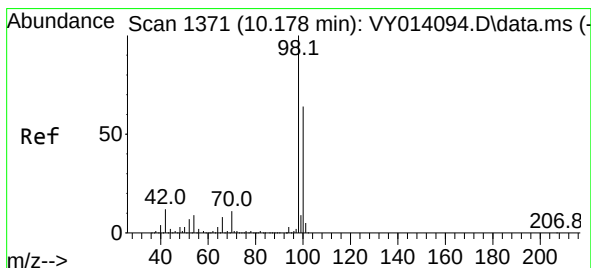
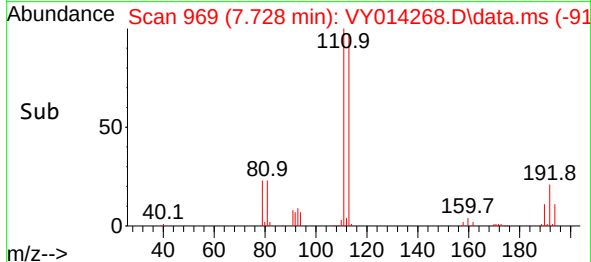
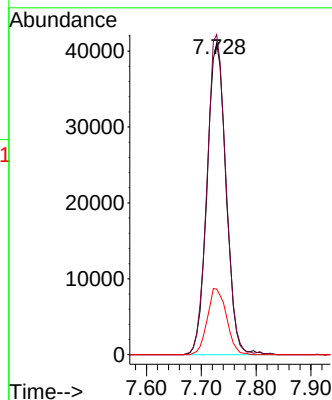
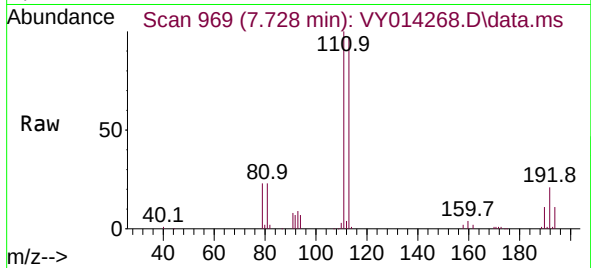




#35
 Dibromofluoromethane
 Concen: 48.343 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY014268.D
 Acq: 20 Jun 2023 08:10

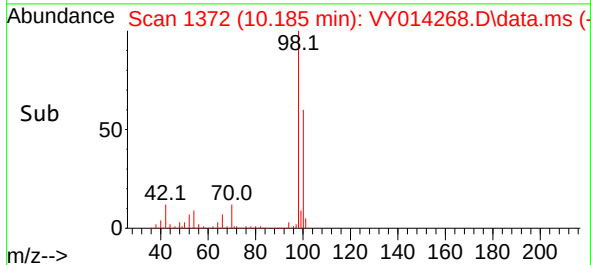
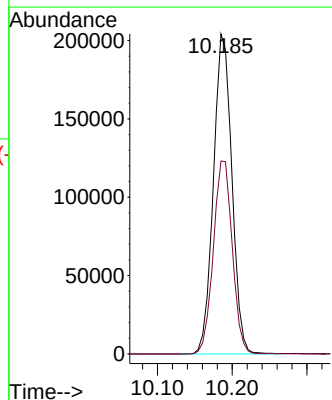
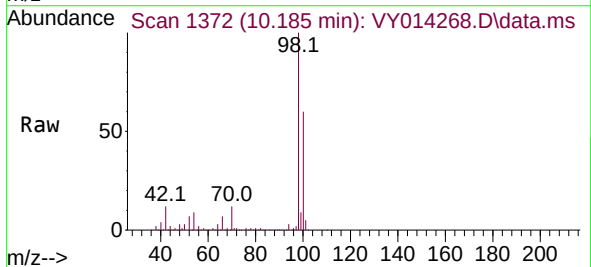
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

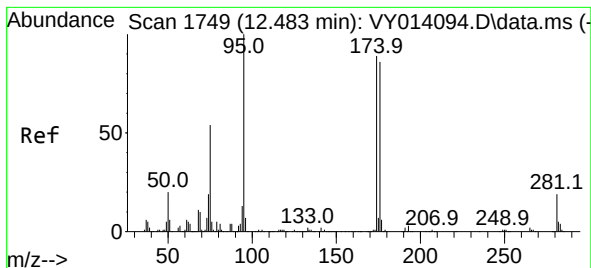
Tgt Ion:113 Resp: 98744
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.3 121.9
 192 21.4 16.9 25.3



#50
 Toluene-d8
 Concen: 45.812 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.007 min
 Lab File: VY014268.D
 Acq: 20 Jun 2023 08:10

Tgt Ion: 98 Resp: 349836
 Ion Ratio Lower Upper
 98 100
 100 62.1 50.1 75.1

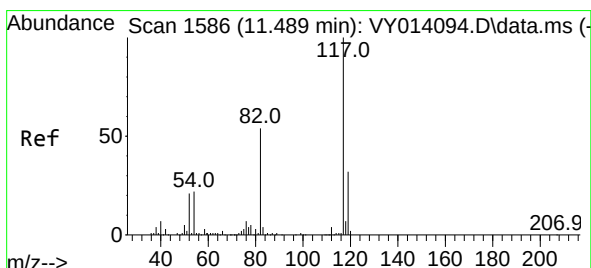
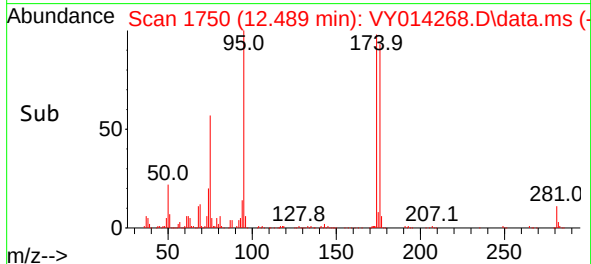
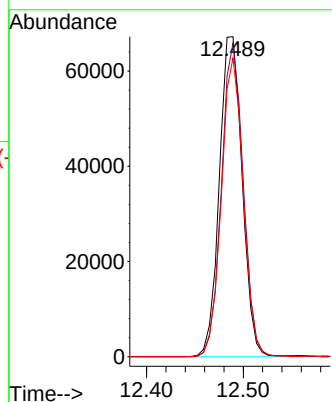
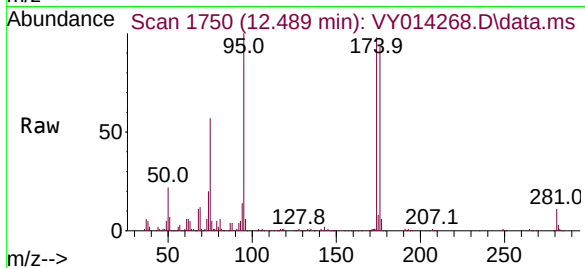




#62
4-Bromofluorobenzene
Concen: 40.486 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014268.D
Acq: 20 Jun 2023 08:10

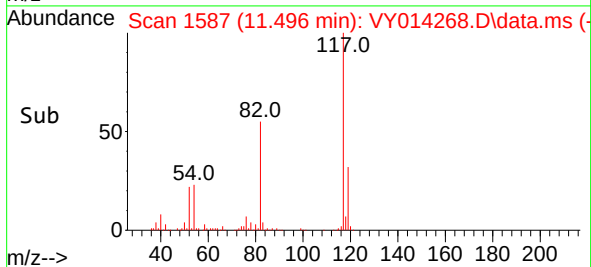
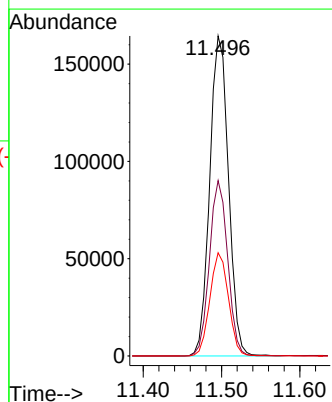
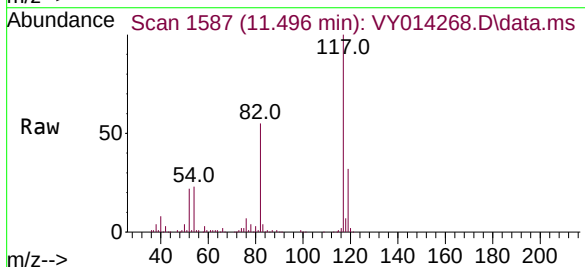
Instrument :
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SB-4

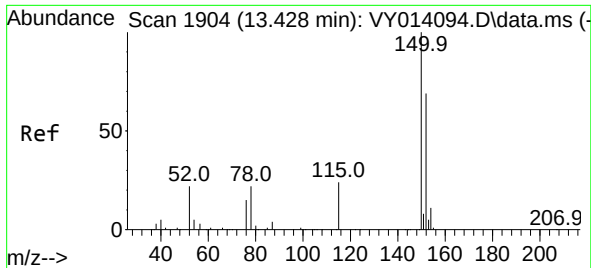
Tgt Ion: 95 Resp: 109824
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.2
176 89.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014268.D
Acq: 20 Jun 2023 08:10

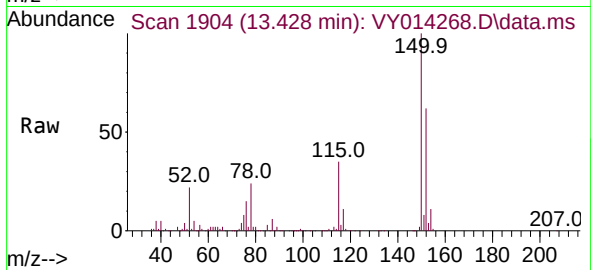
Tgt Ion: 117 Resp: 273541
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014268.D
 Acq: 20 Jun 2023 08:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4



Tgt Ion:152 Resp: 125721
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.8 86.5
 150 158.5 0.0 348.8

