

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014060.D
 Acq On : 07 Jun 2023 15:18
 Operator : KP/MD
 Sample : 03044-11
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Jun 08 02:33:31 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)

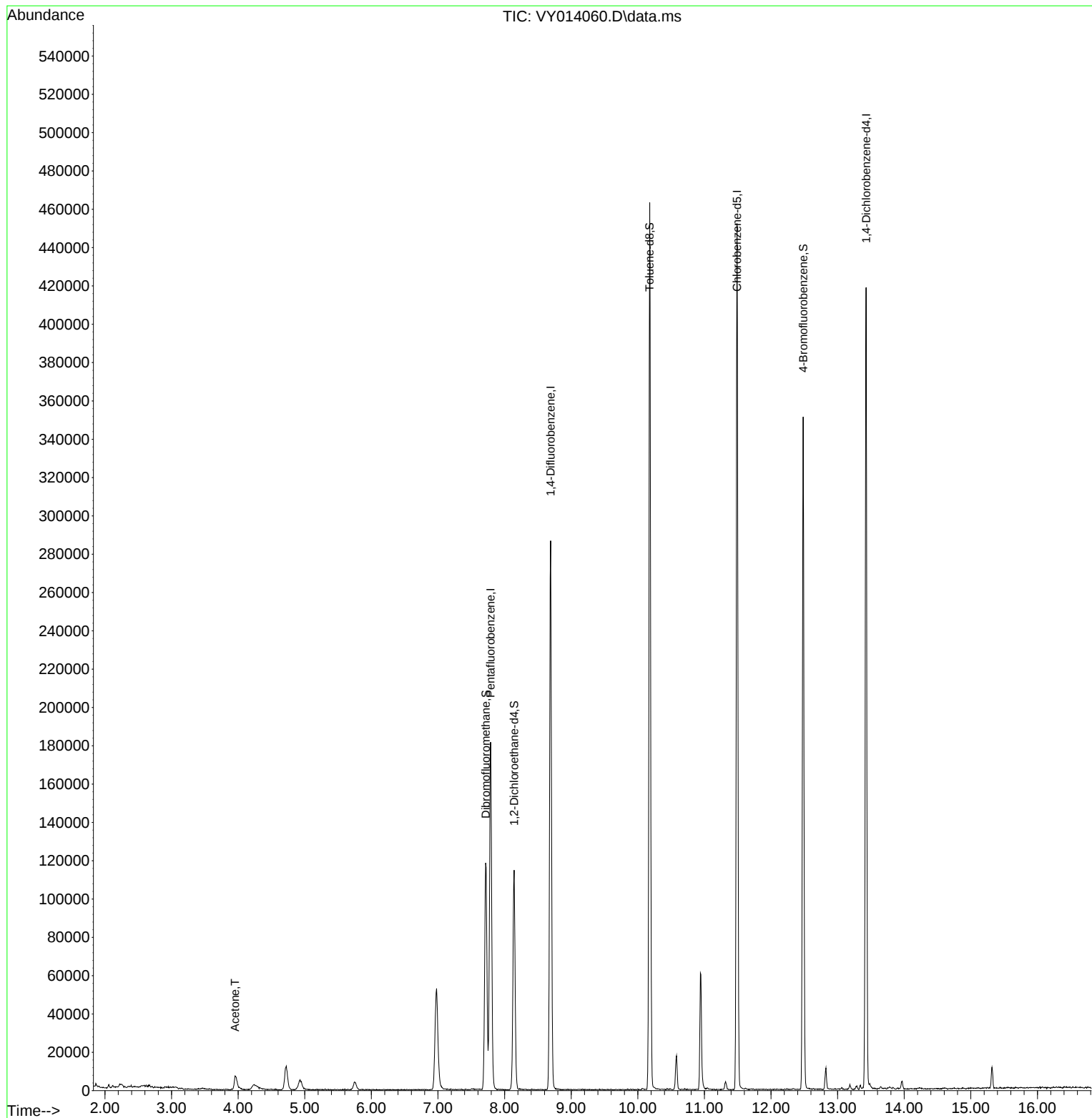
Internal Standards						
1) Pentafluorobenzene	7.789	168	136907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91408	50.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.880%
35) Dibromofluoromethane	7.716	113	81520	54.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.060%
50) Toluene-d8	10.179	98	292595	51.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.483	95	95765	49.261	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.520%
Target Compounds						
16) Acetone	3.954	43	14626	23.588	ug/l	93

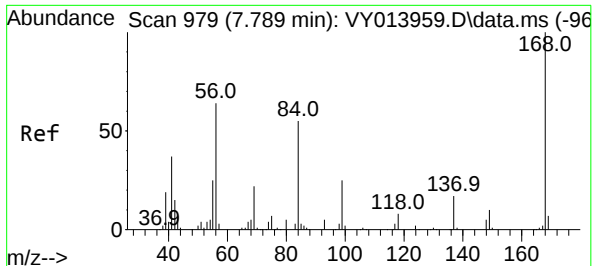
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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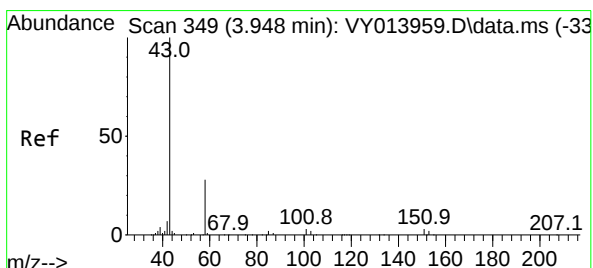
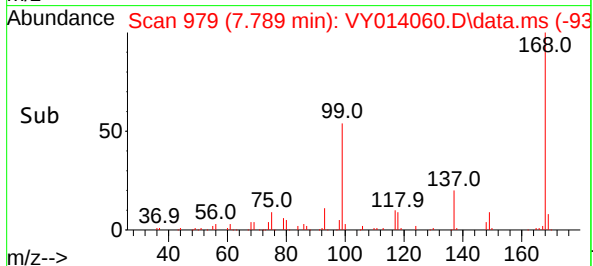
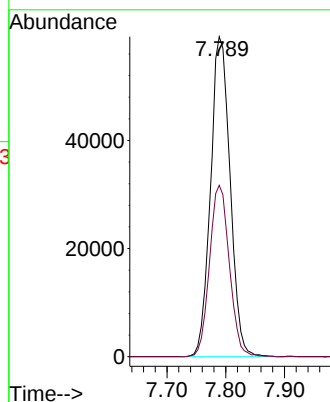
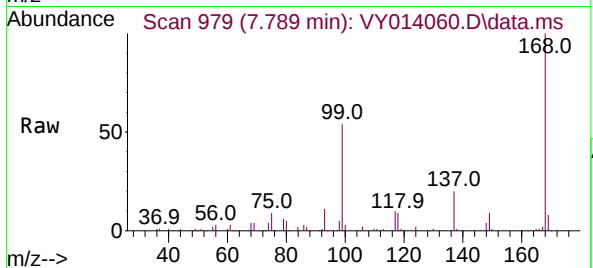




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

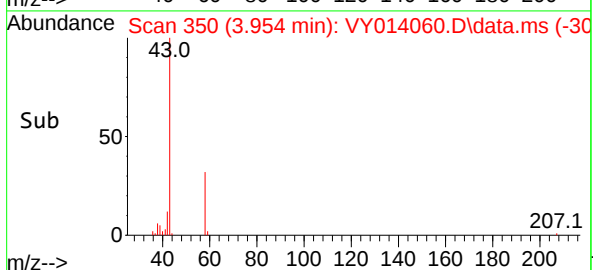
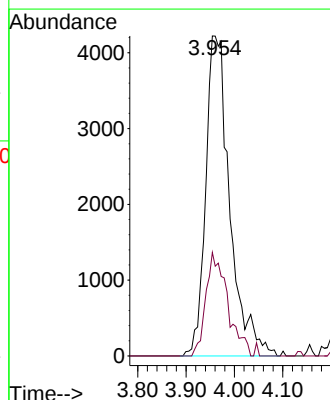
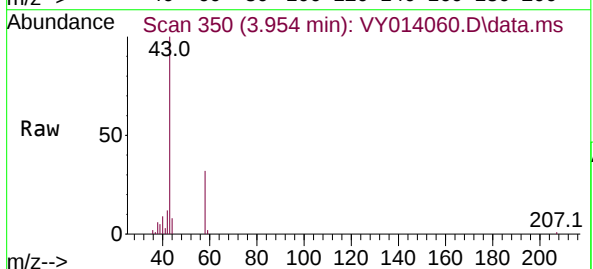
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

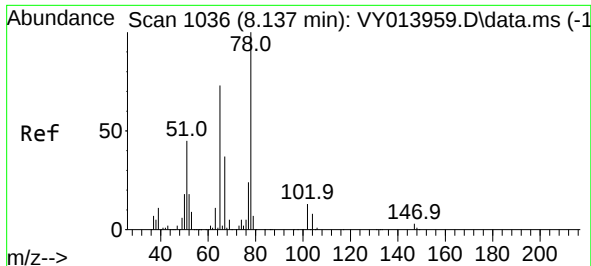
Tgt Ion:168 Resp: 136907
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 23.588 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 43 Resp: 14626
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1

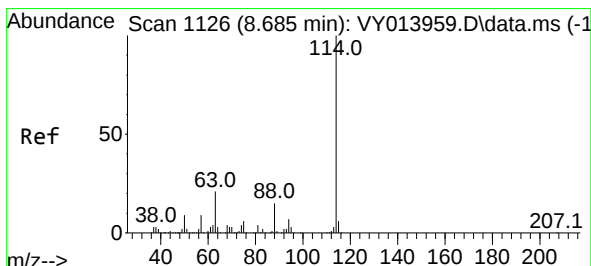
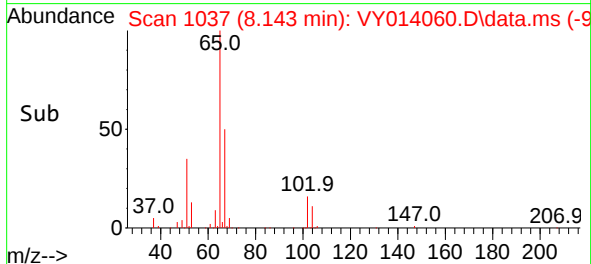
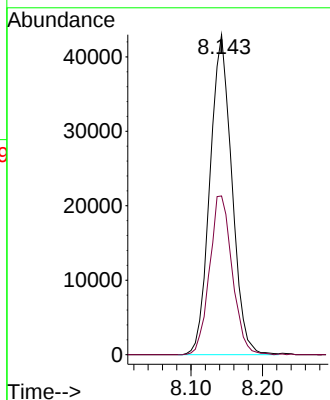
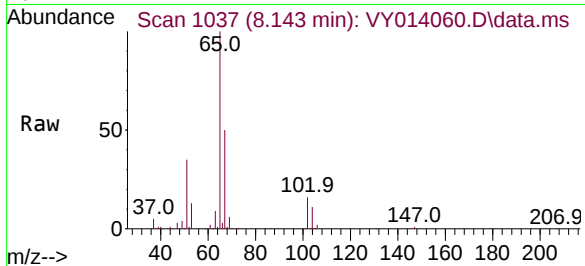




#33
 1,2-Dichloroethane-d4
 Concen: 50.437 ug/l
 RT: 8.143 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: VY014060.D
 Acq: 07 Jun 2023 15:18

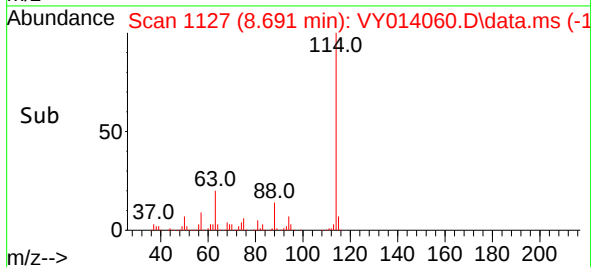
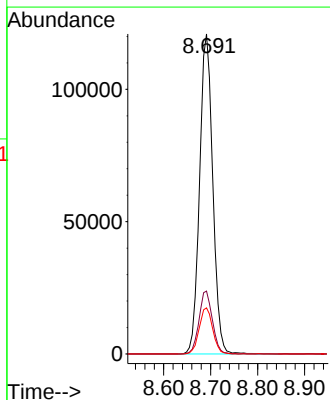
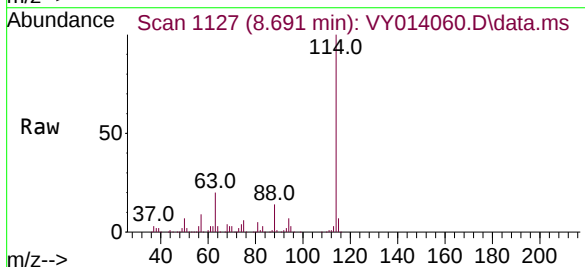
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-0-2.0

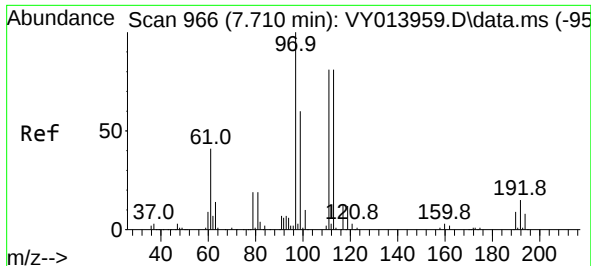
Tgt Ion: 65 Resp: 91408
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014060.D
 Acq: 07 Jun 2023 15:18

Tgt Ion: 114 Resp: 235235
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 14.4 0.0 30.6

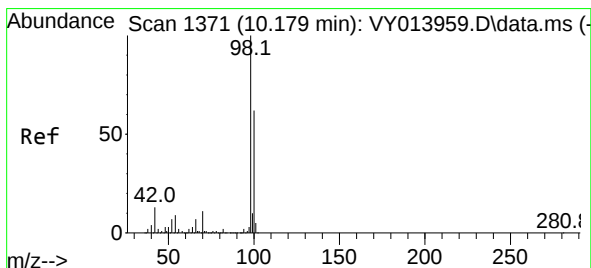
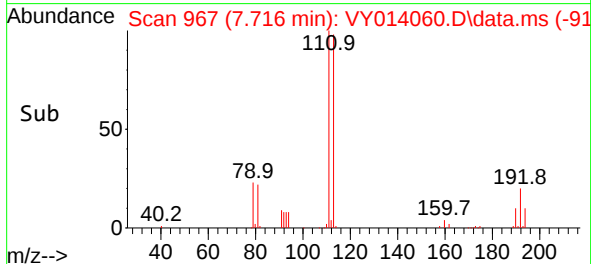
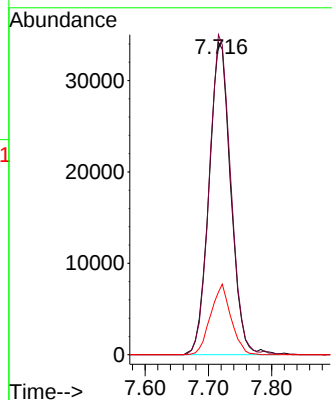
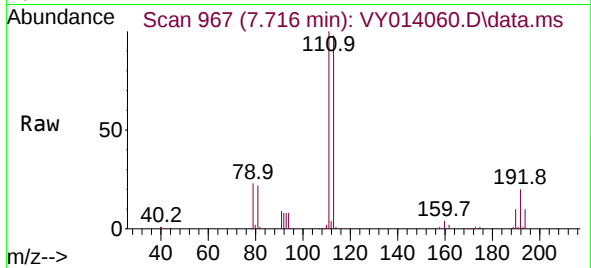




#35
Dibromofluoromethane
Concen: 54.530 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

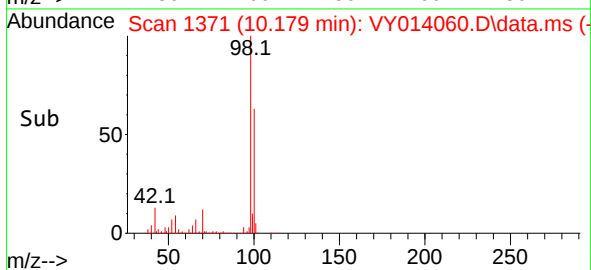
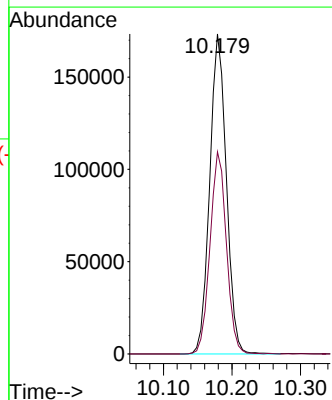
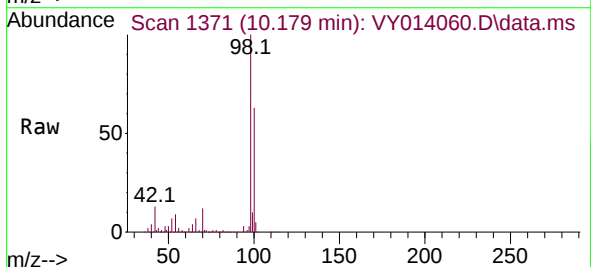
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

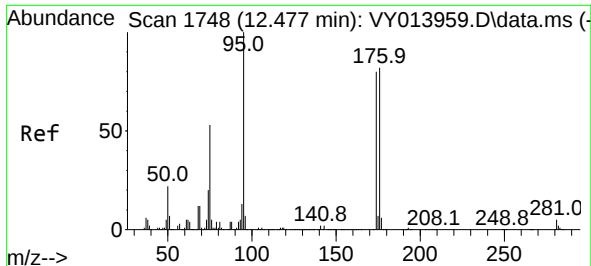
Tgt Ion:113 Resp: 81520
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 21.2 16.9 25.3



#50
Toluene-d8
Concen: 51.311 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

Tgt Ion: 98 Resp: 292595
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

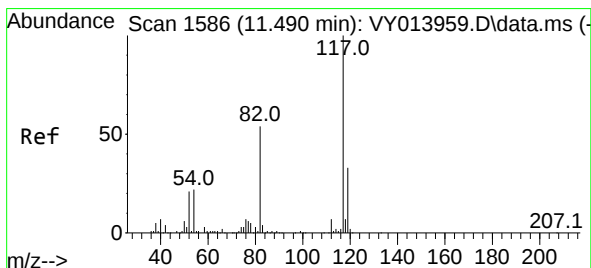
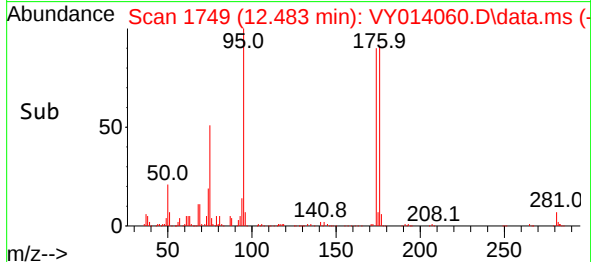
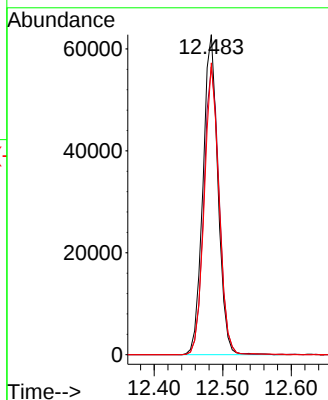
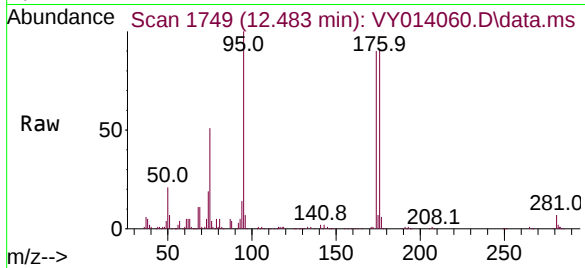




#62
4-Bromofluorobenzene
Concen: 49.261 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

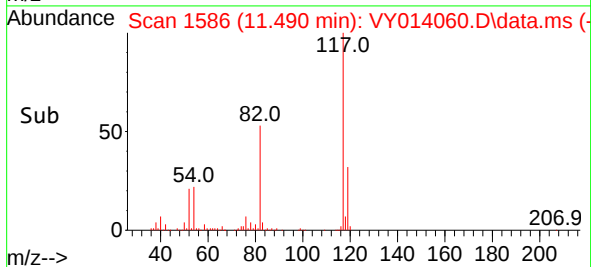
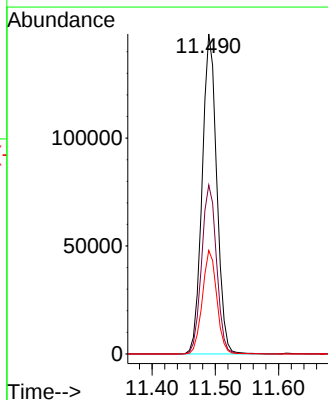
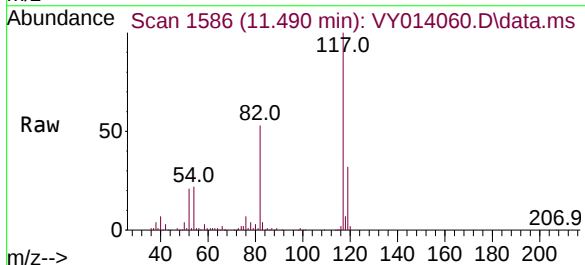
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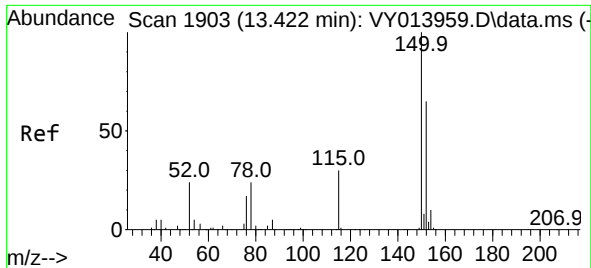
Tgt Ion: 95 Resp: 95765
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 89.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014060.D
Acq: 07 Jun 2023 15:18

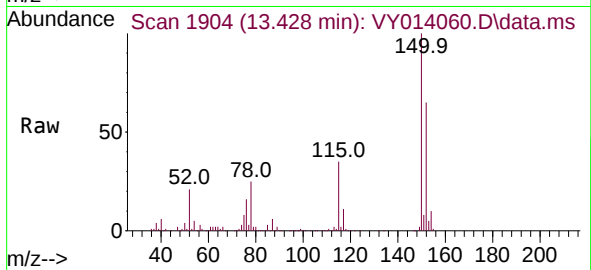
Tgt Ion: 117 Resp: 238883
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014060.D
 Acq: 07 Jun 2023 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-0-2.0



Tgt Ion:152 Resp: 107419
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.8 86.5
 150 156.7 0.0 348.8

