

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014346.D
 Acq On : 21 Jun 2023 19:15
 Operator : KP/MD
 Sample : 03358-03
 Misc : 3.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(34-36)

Quant Time: Jun 22 01:58:55 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)

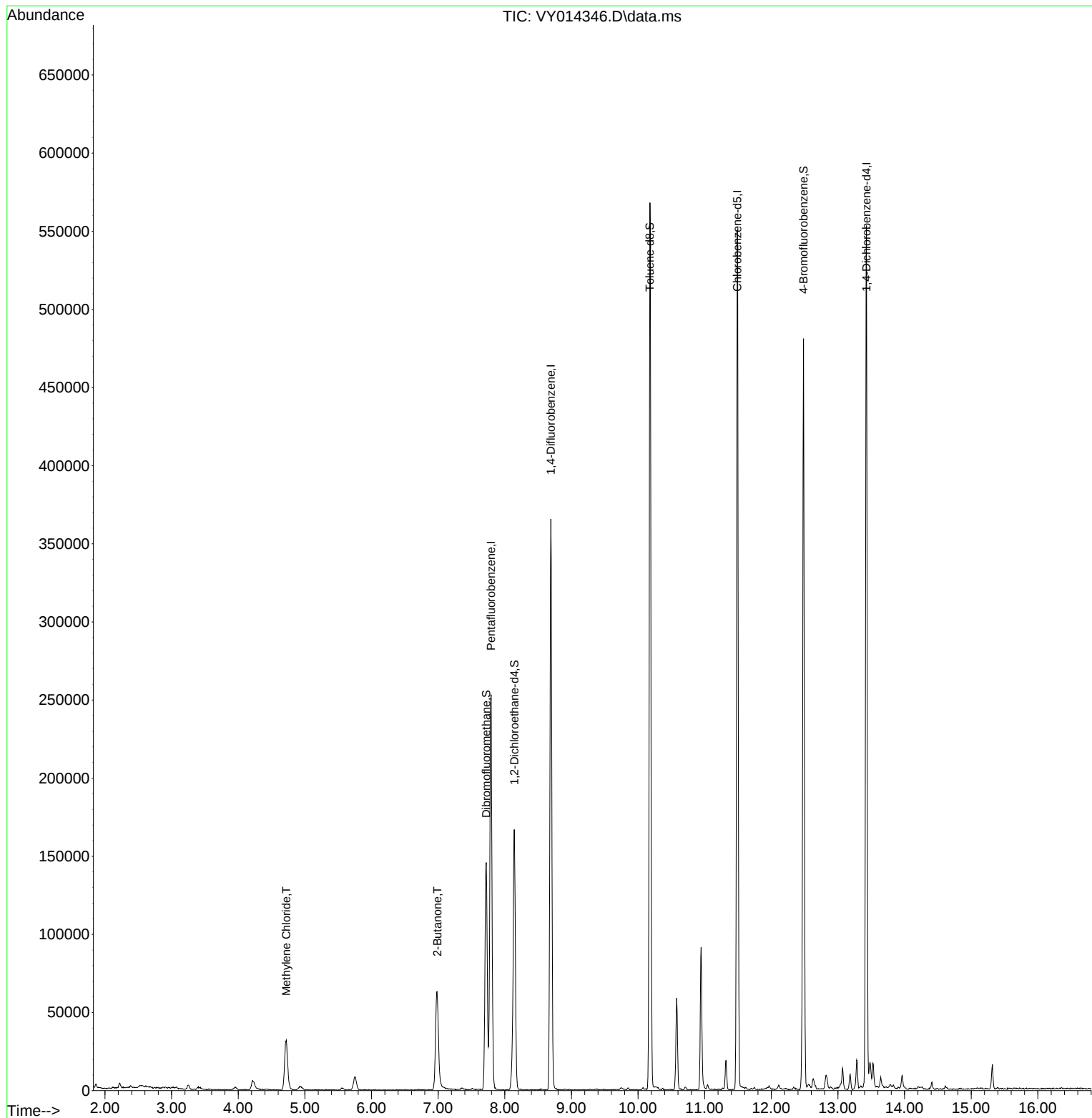
Internal Standards						
1) Pentafluorobenzene	7.795	168	192463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	307502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	133333	49.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.500%
35) Dibromofluoromethane	7.722	113	101186	46.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.800%
50) Toluene-d8	10.179	98	367722	45.103	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.483	95	124235	42.897	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.800%
Target Compounds						
20) Methylene Chloride	4.722	84	24567	6.399	ug/l	83
25) 2-Butanone	6.990	43	7772	7.815	ug/l #	80

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

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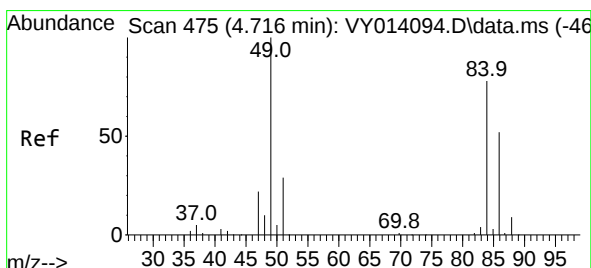
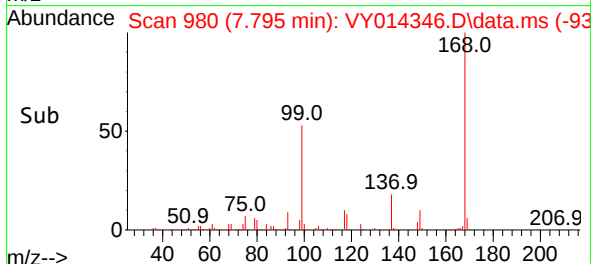
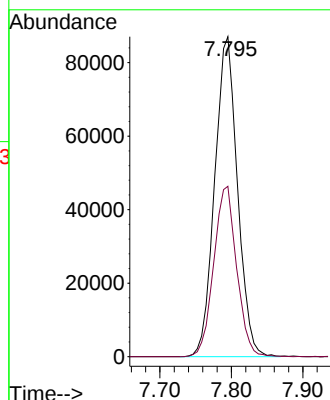
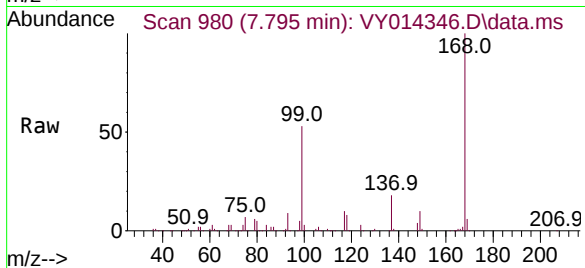




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

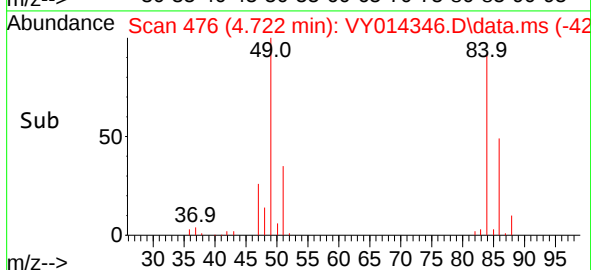
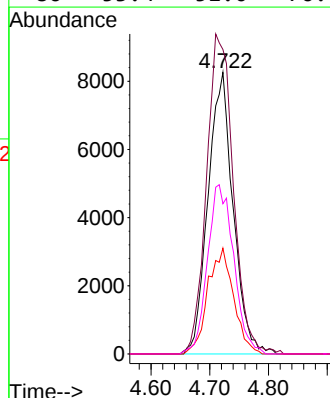
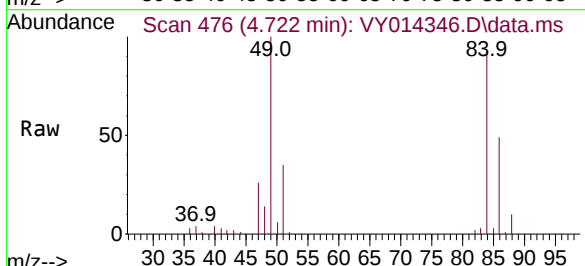
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

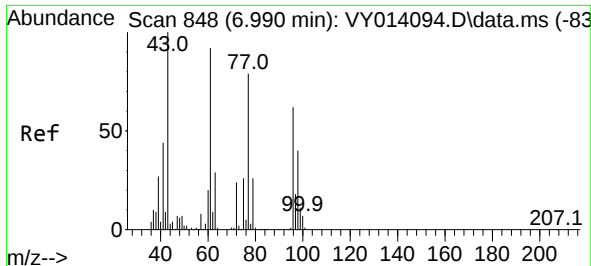
Tgt Ion:168 Resp: 192463
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#20
Methylene Chloride
Concen: 6.399 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 84 Resp: 24567
Ion Ratio Lower Upper
84 100
49 108.1 106.9 160.3
51 37.6 33.2 49.8
86 53.4 51.0 76.6

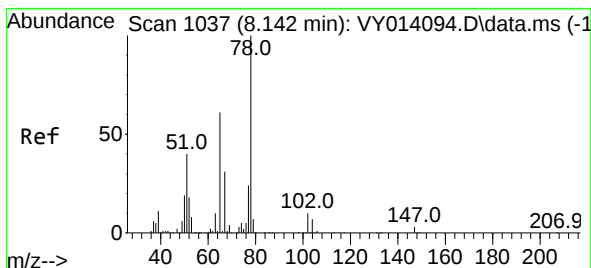
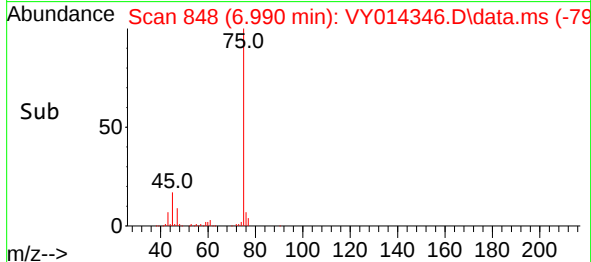
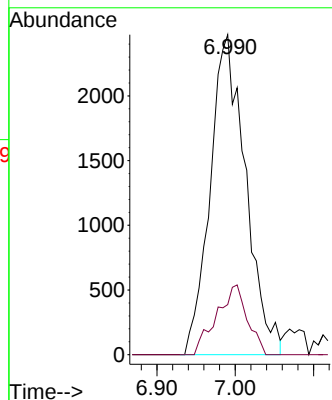
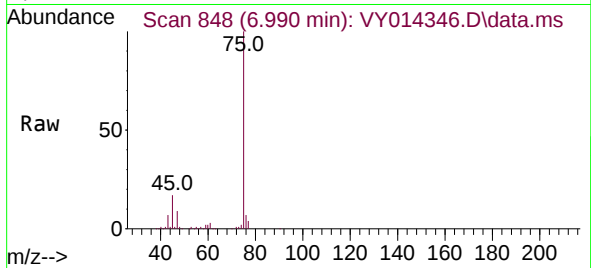




#25
2-Butanone
Concen: 7.815 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

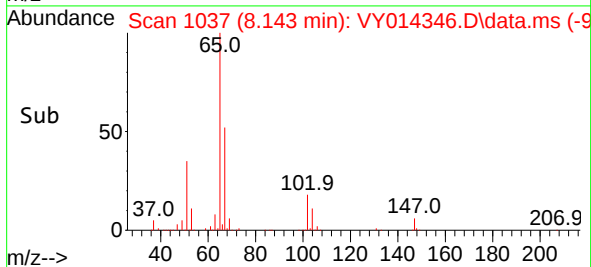
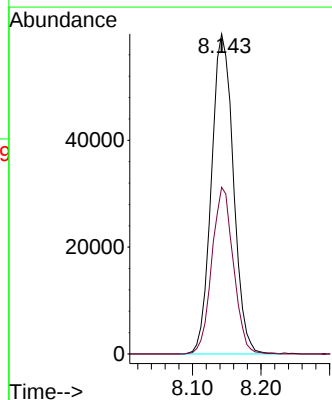
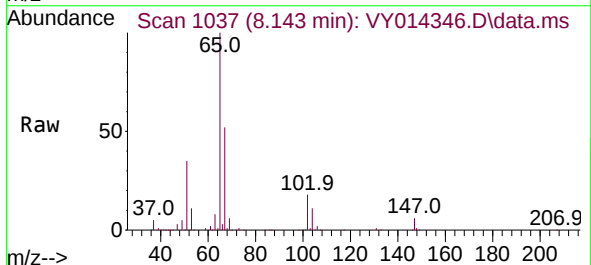
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

Tgt Ion: 43 Resp: 7772
Ion Ratio Lower Upper
43 100
72 15.6 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 49.750 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 65 Resp: 133333
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

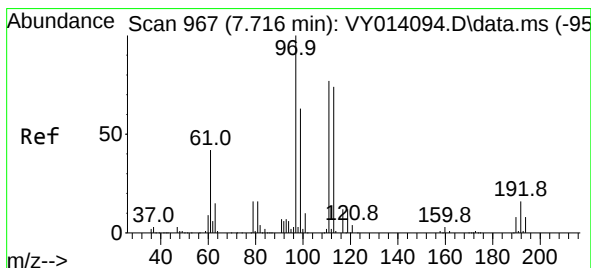
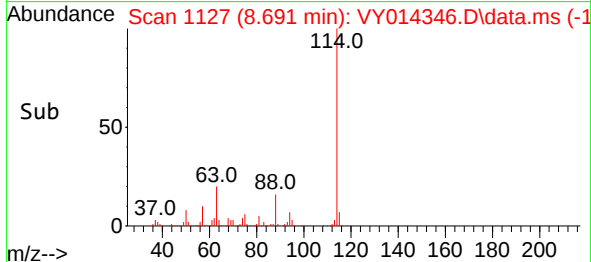
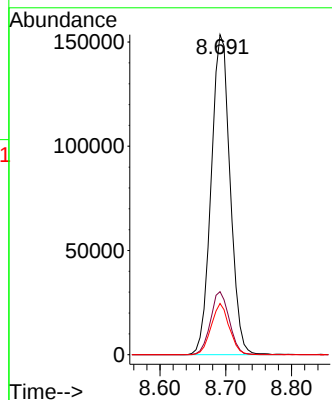
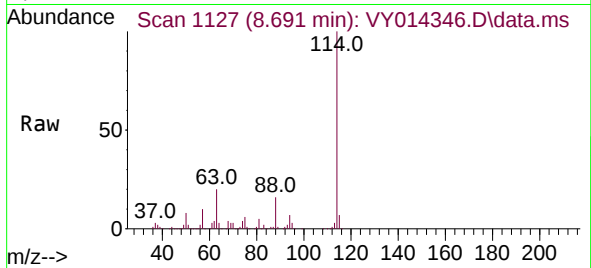




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

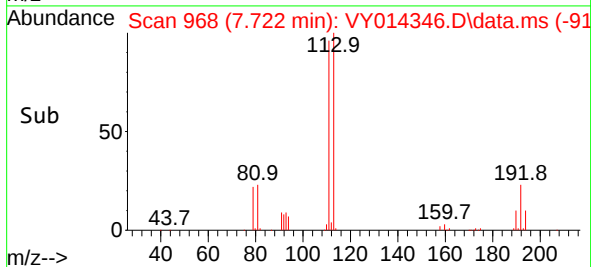
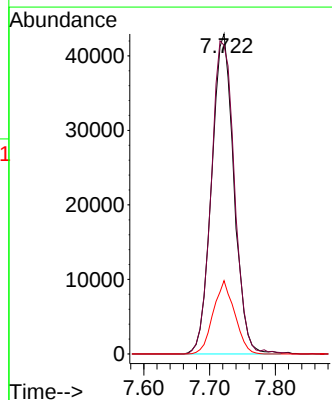
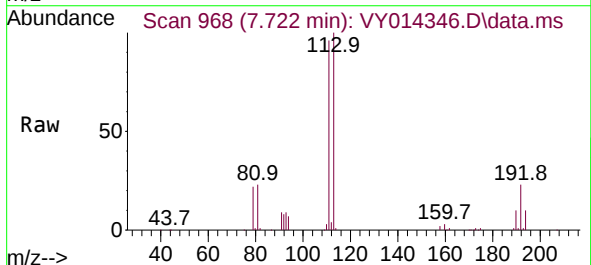
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(34-36)

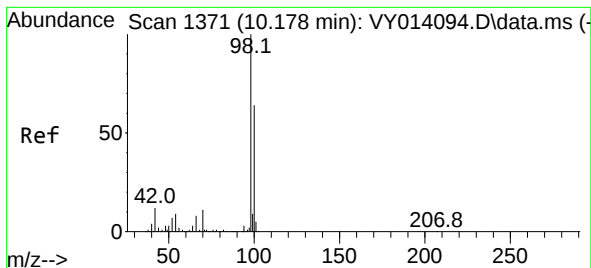
Tgt Ion:114 Resp: 307502
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.400 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion:113 Resp: 101186
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.0 16.9 25.3

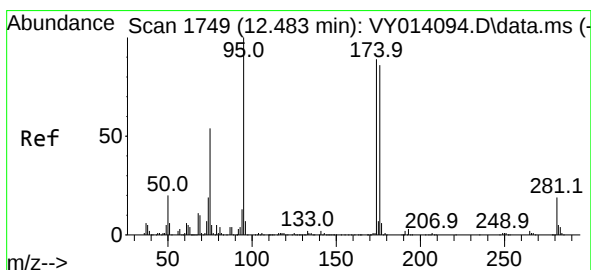
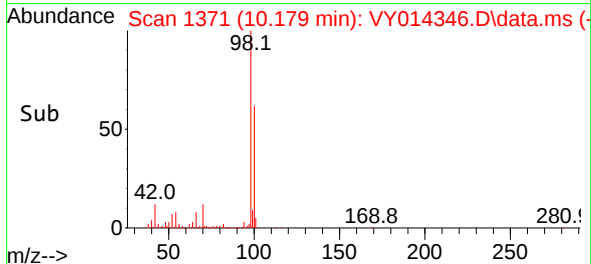
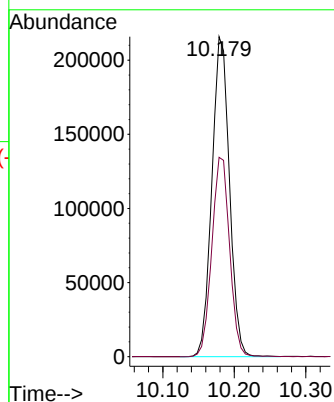
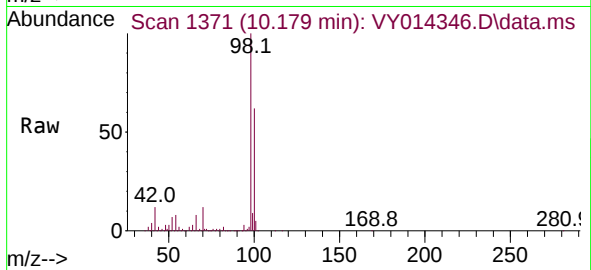




#50
Toluene-d8
Concen: 45.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

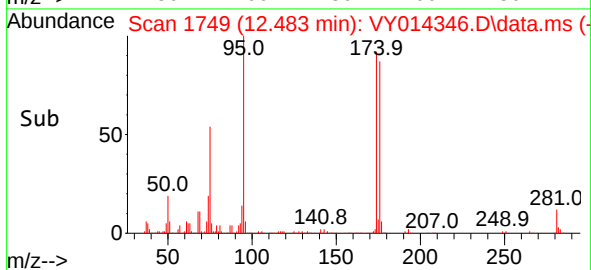
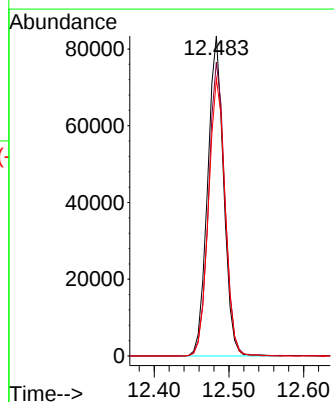
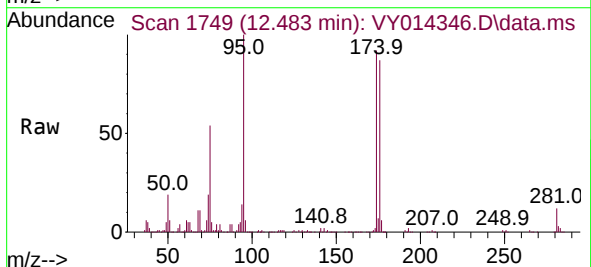
Instrument :
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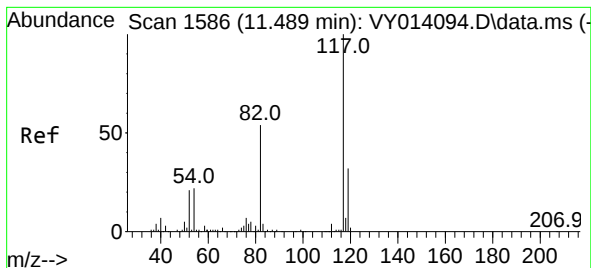
Tgt Ion: 98 Resp: 367722
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014346.D
Acq: 21 Jun 2023 19:15

Tgt Ion: 95 Resp: 124235
Ion Ratio Lower Upper
95 100
174 93.6 0.0 178.2
176 89.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014346.D

Acq: 21 Jun 2023 19:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(34-36)

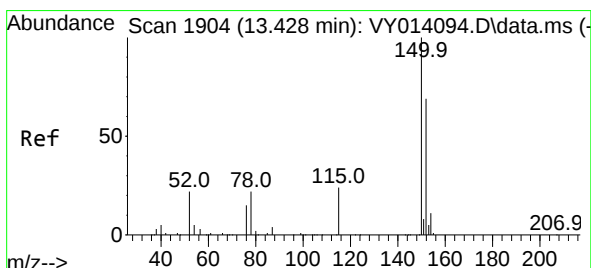
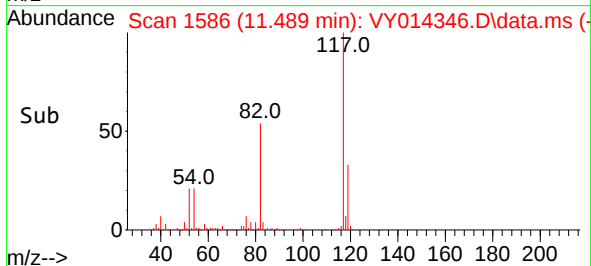
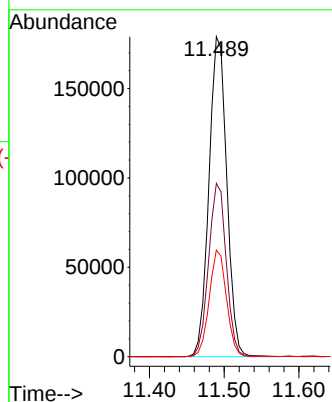
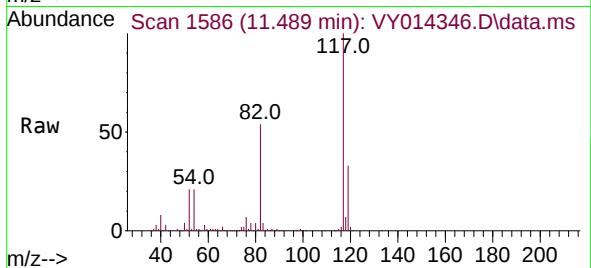
Tgt Ion:117 Resp: 296562

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 33.3 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: VY014346.D

Acq: 21 Jun 2023 19:15

Tgt Ion:152 Resp: 145019

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 155.7 0.0 348.8

