

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014680.D
 Acq On : 17 Jul 2023 18:18
 Operator : SY/MD
 Sample : 03631-06
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09(3-5)

Quant Time: Jul 18 06:12:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

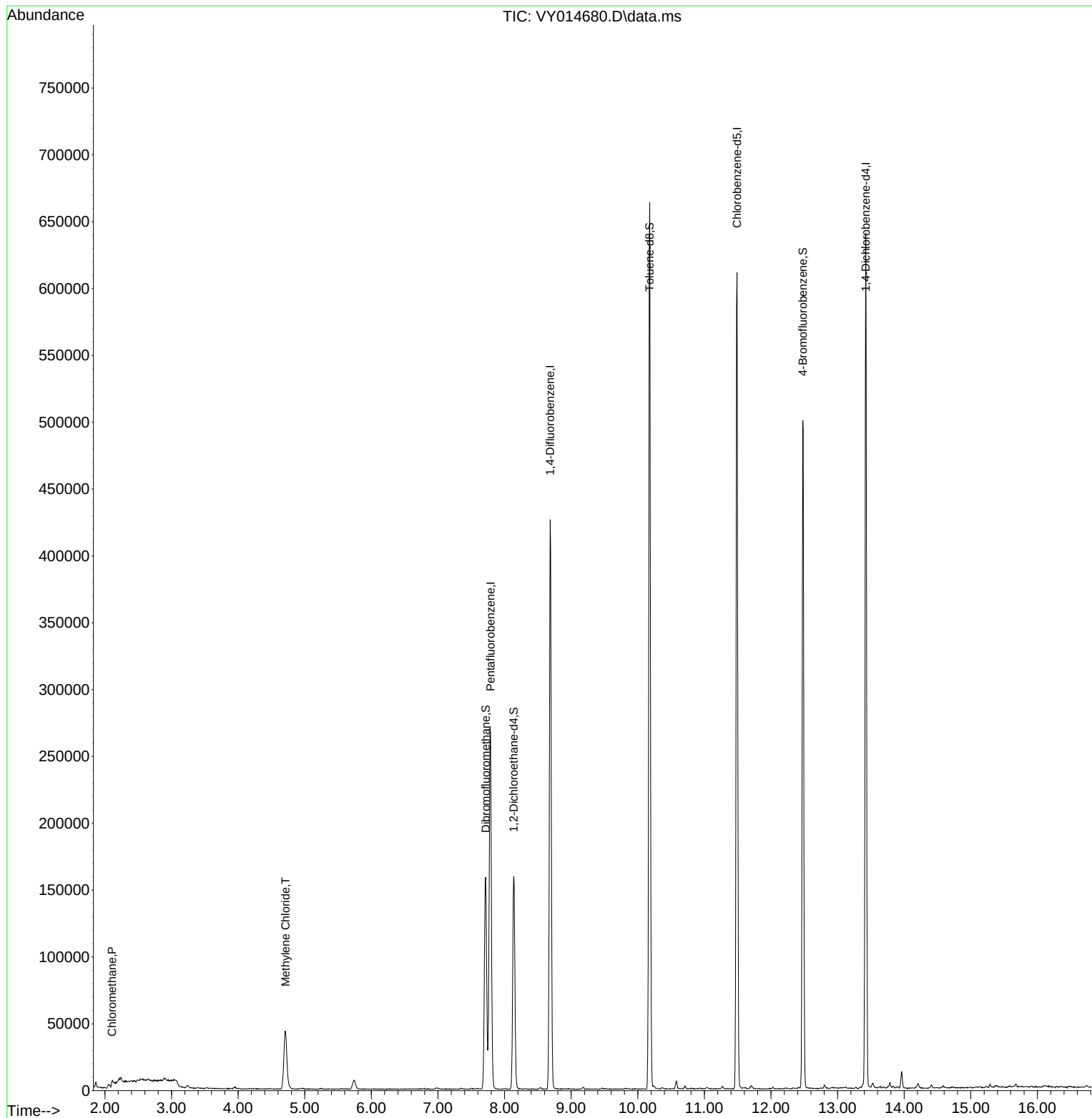
Internal Standards						
1) Pentafluorobenzene	7.789	168	210931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127046	52.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.720%	
35) Dibromofluoromethane	7.716	113	114289	48.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.800%	
50) Toluene-d8	10.179	98	436971	50.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.477	95	161990	49.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	2498	1.293	ug/l	98
20) Methylene Chloride	4.710	84	34134	10.455	ug/l	85

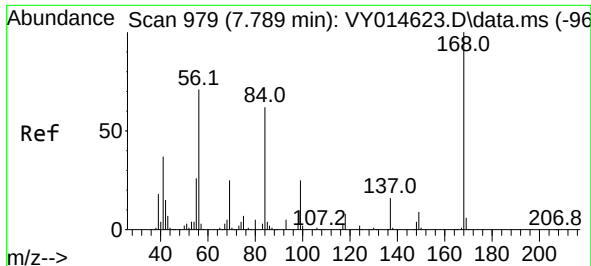
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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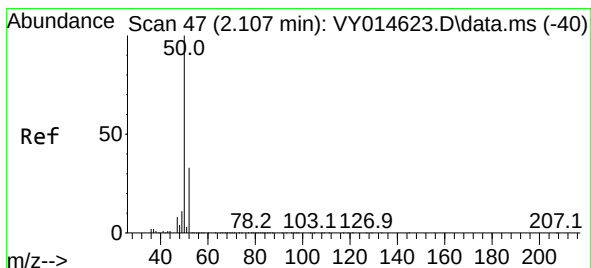
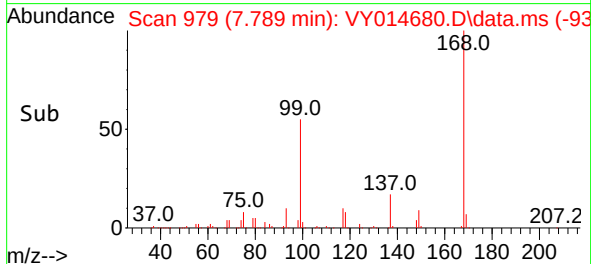
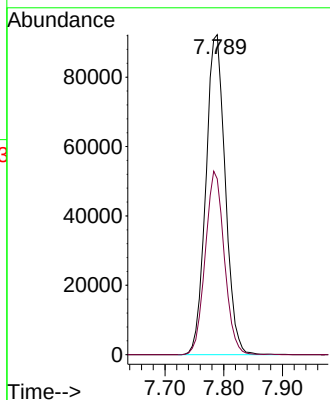
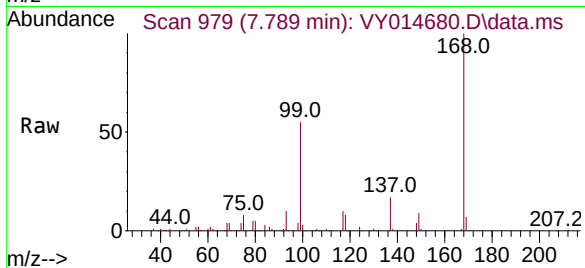




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

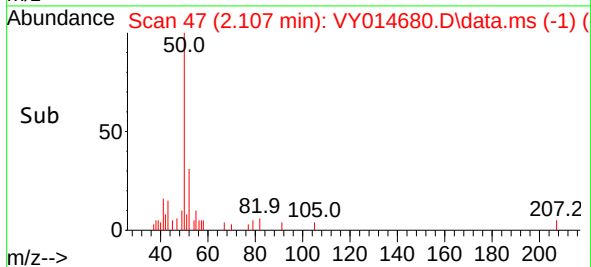
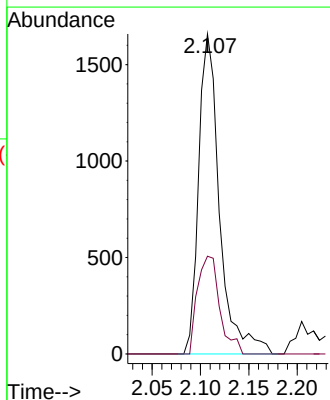
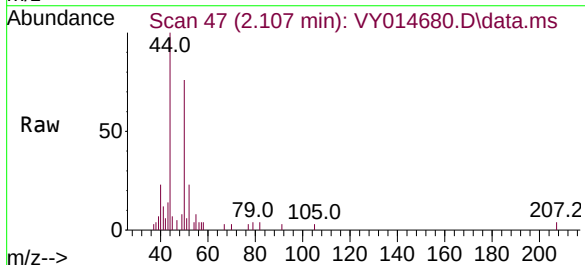
Instrument :
MSVOA_Y
ClientSampleId :
SB-09(3-5)

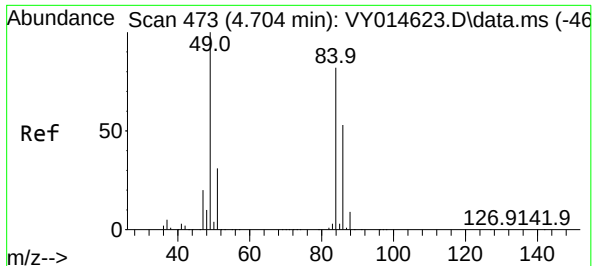
Tgt Ion:168 Resp: 210931
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#3
Chloromethane
Concen: 1.293 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion: 50 Resp: 2498
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.2

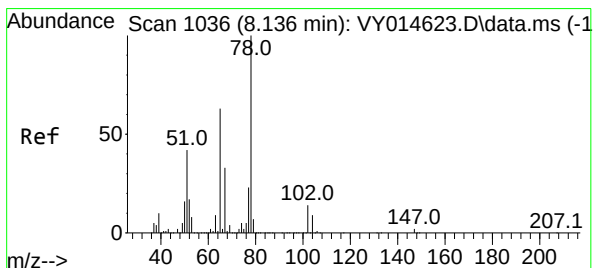
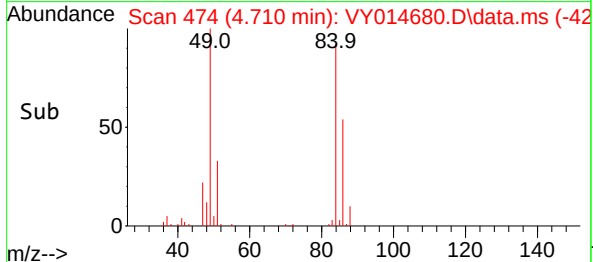
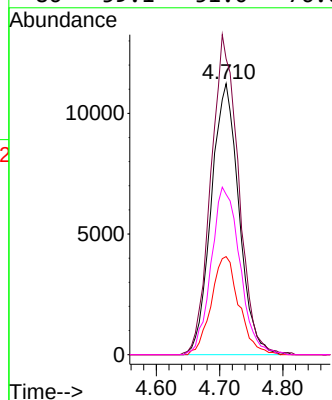
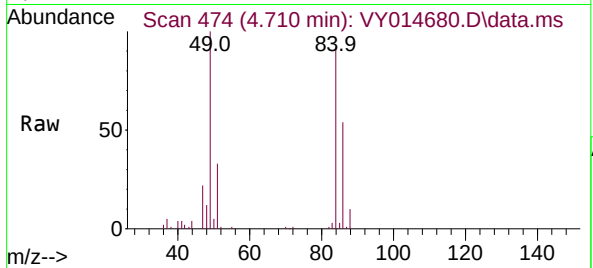




#20
Methylene Chloride
Concen: 10.455 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

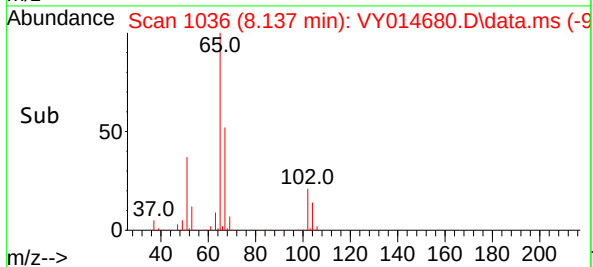
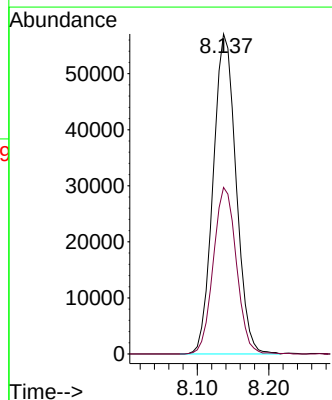
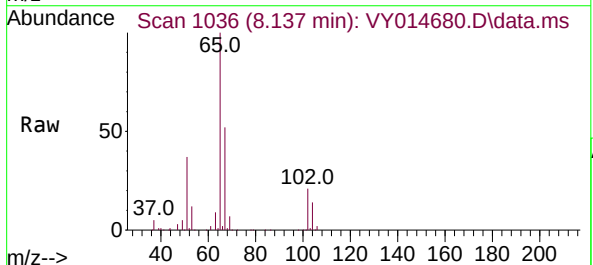
Instrument :
MSVOA_Y
ClientSampleId :
SB-09(3-5)

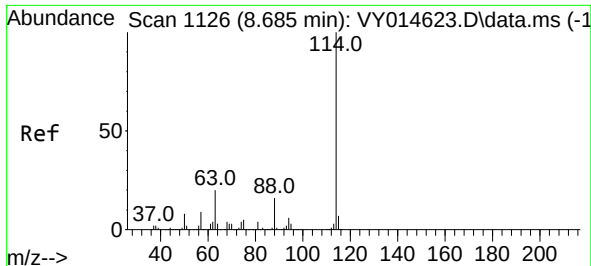
Tgt Ion:	84	Resp:	34134
Ion	Ratio	Lower	Upper
84	100		
49	109.1	106.9	160.3
51	36.2	33.2	49.8
86	59.1	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 52.856 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion:	65	Resp:	127046
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014680.D

Acq: 17 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-09(3-5)

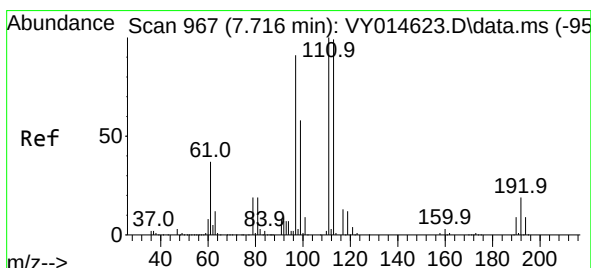
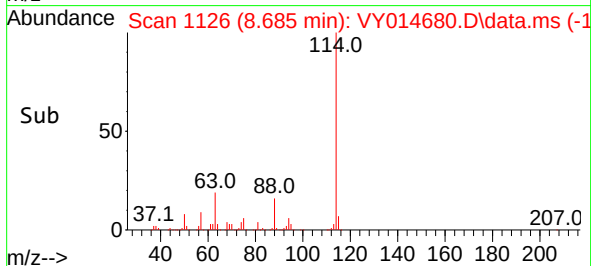
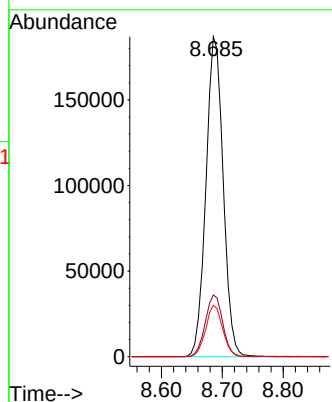
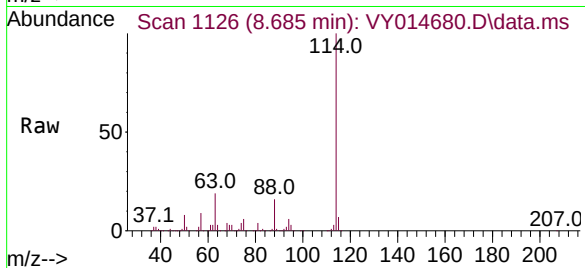
Tgt Ion:114 Resp: 367164

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.898 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014680.D

Acq: 17 Jul 2023 18:18

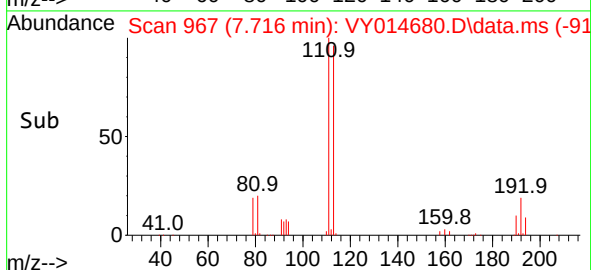
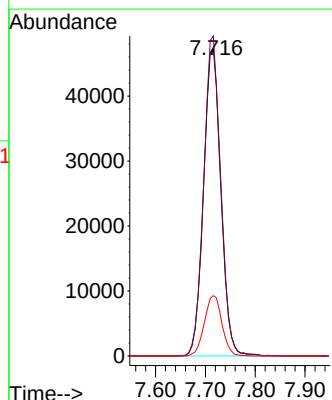
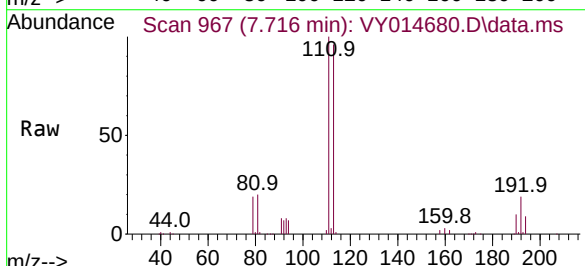
Tgt Ion:113 Resp: 114289

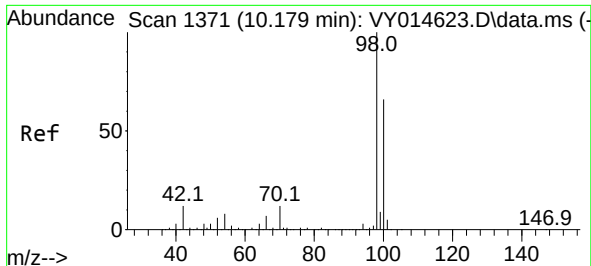
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.8 16.9 25.3

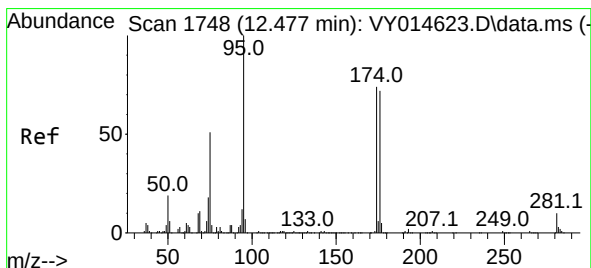
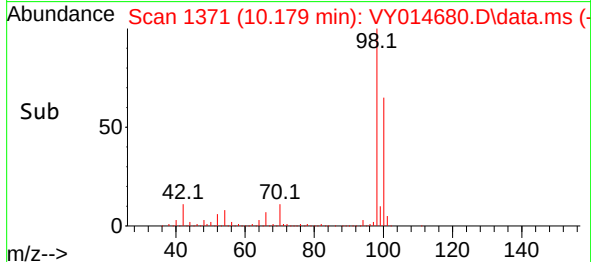
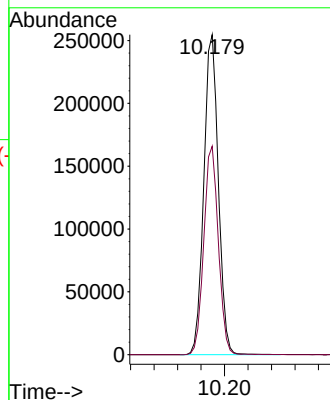
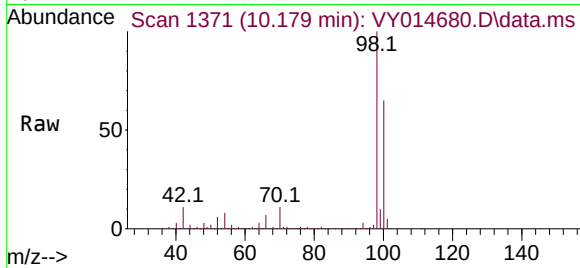




#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

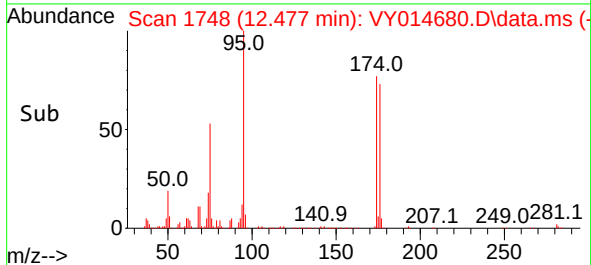
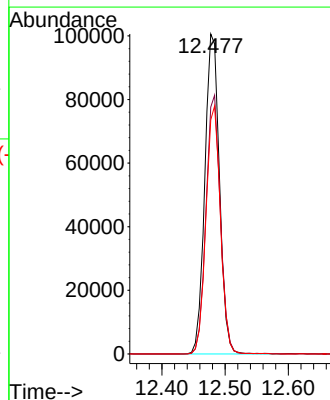
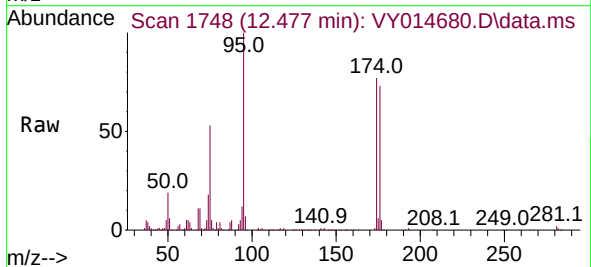
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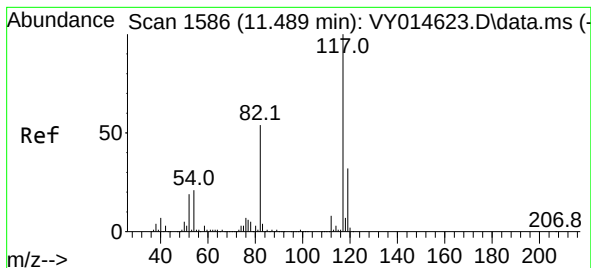
Tgt Ion: 98 Resp: 436971
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.027 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014680.D
Acq: 17 Jul 2023 18:18

Tgt Ion: 95 Resp: 161990
Ion Ratio Lower Upper
95 100
174 79.5 0.0 178.2
176 76.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014680.D

Acq: 17 Jul 2023 18:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-09(3-5)

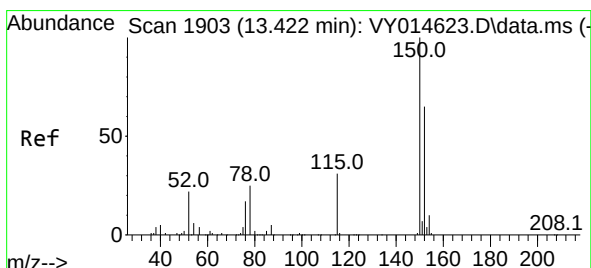
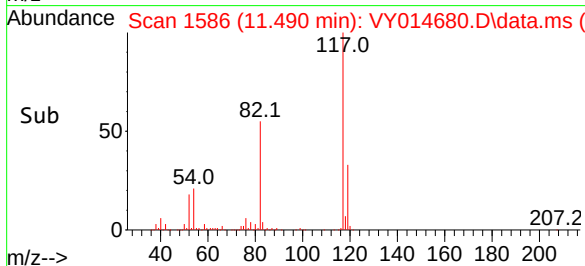
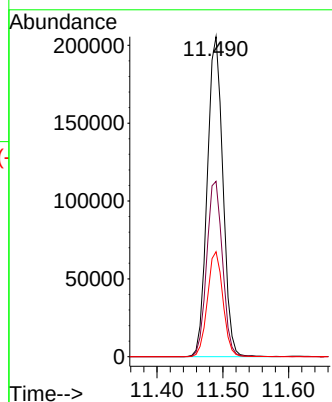
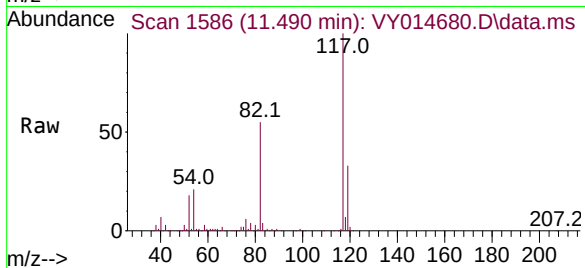
Tgt Ion:117 Resp: 339192

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014680.D

Acq: 17 Jul 2023 18:18

Tgt Ion:152 Resp: 160685

Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.5

150 156.3 0.0 348.8

