

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014655.D
 Acq On : 14 Jul 2023 18:15
 Operator : SY/MD
 Sample : 03632-05
 Misc : 7.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-(6-8)

Quant Time: Jul 14 23:14:42 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)

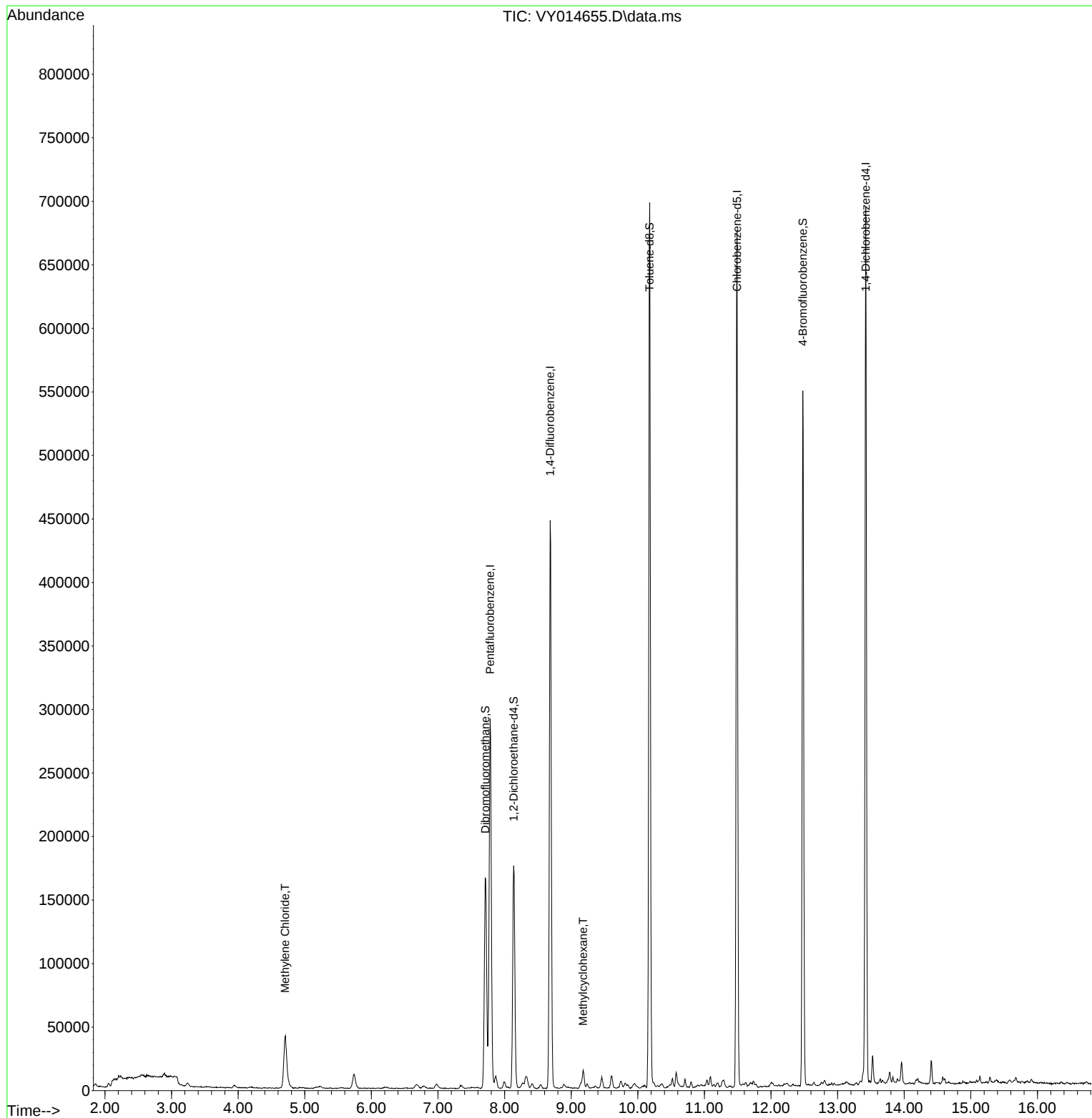
Internal Standards						
1) Pentafluorobenzene	7.783	168	223173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	385871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	359598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138556	54.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.960%	
35) Dibromofluoromethane	7.710	113	120631	49.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.179	98	456230	50.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.477	95	174859	50.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	29809	7.824	ug/l	90
39) Methylcyclohexane	9.179	83	5164	1.079	ug/l #	91

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

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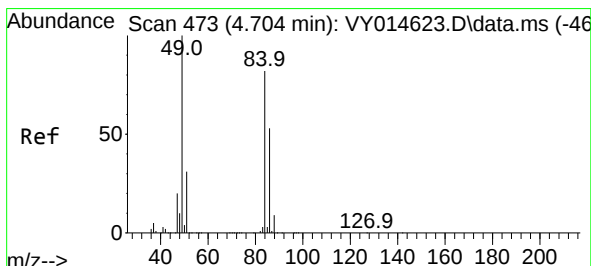
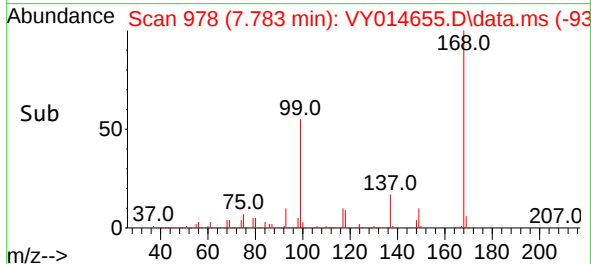
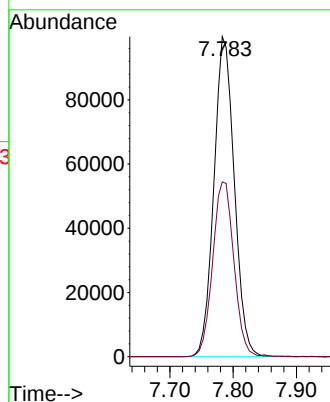
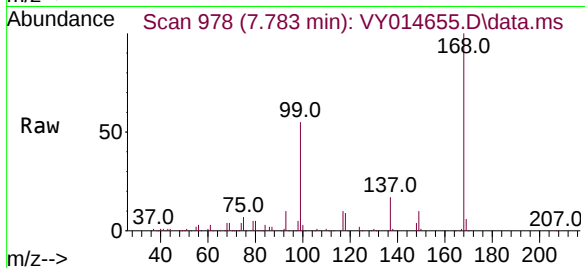




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

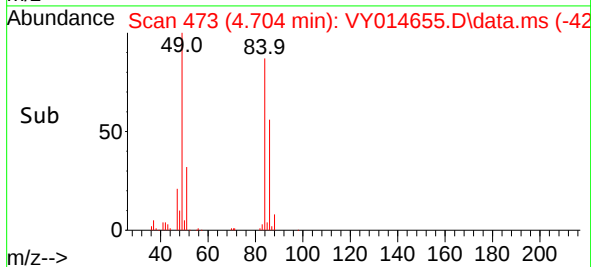
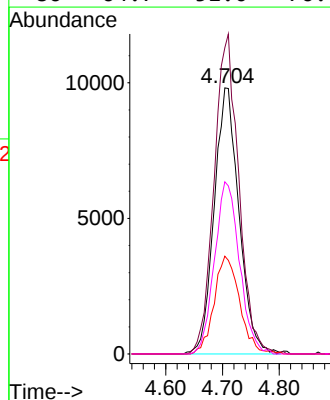
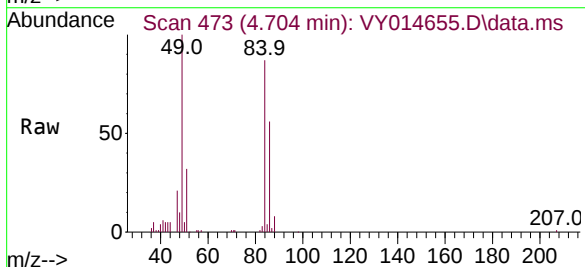
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

Tgt Ion:168 Resp: 223173
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#20
Methylene Chloride
Concen: 7.824 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion: 84 Resp: 29809
Ion Ratio Lower Upper
84 100
49 115.1 106.9 160.3
51 36.7 33.2 49.8
86 64.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.482 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014655.D

Acq: 14 Jul 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

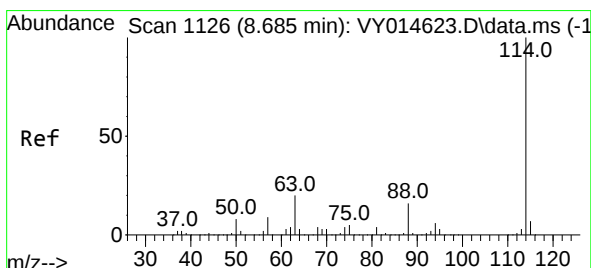
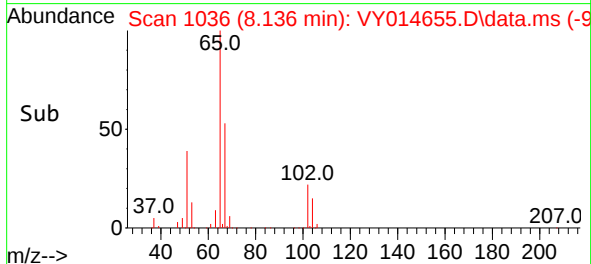
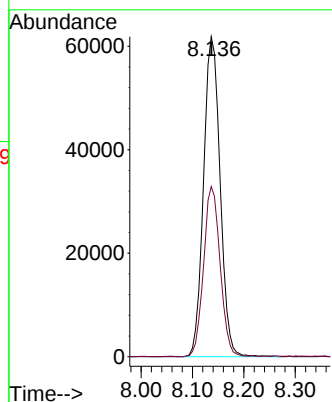
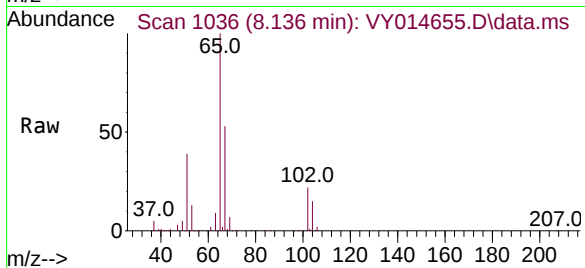
SB-05-(6-8)

Tgt Ion: 65 Resp: 138556

Ion Ratio Lower Upper

65 100

67 53.0 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: VY014655.D

Acq: 14 Jul 2023 18:15

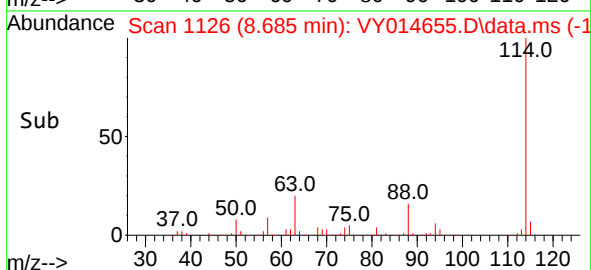
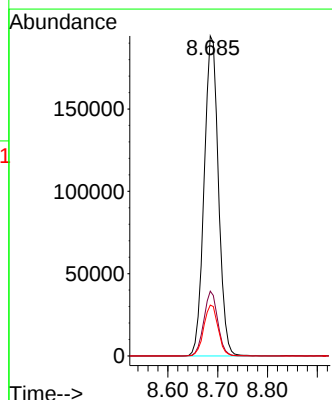
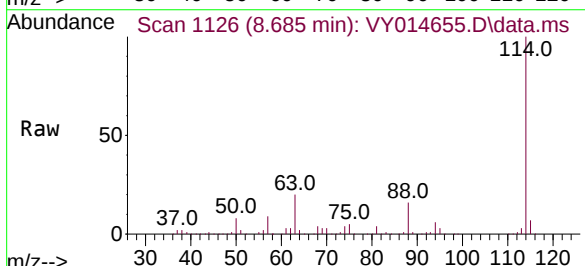
Tgt Ion: 114 Resp: 385871

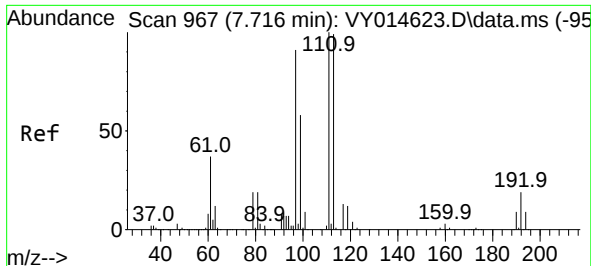
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 15.9 0.0 30.6

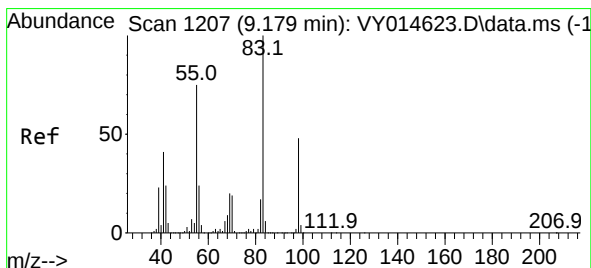
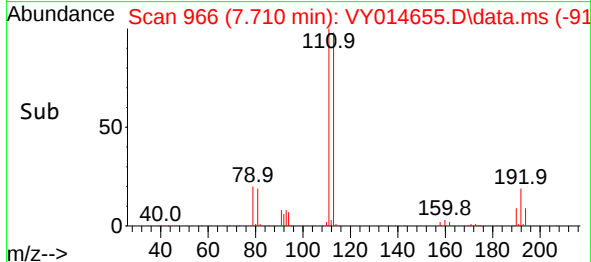
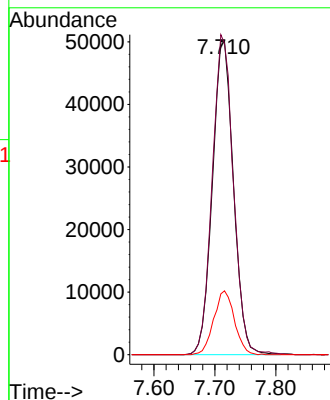
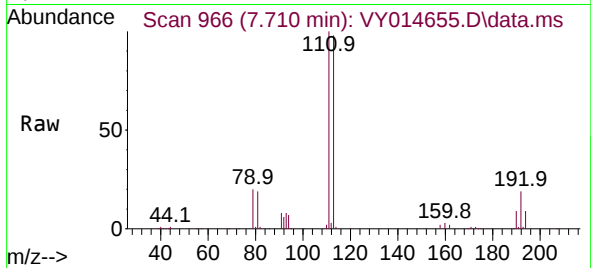




#35
Dibromofluoromethane
Concen: 49.110 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

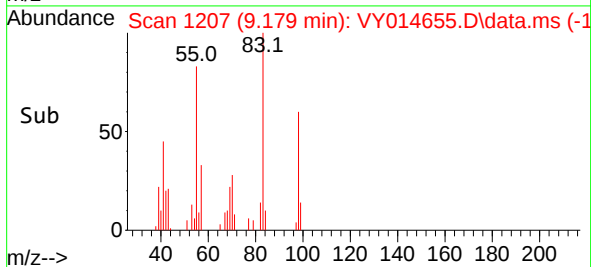
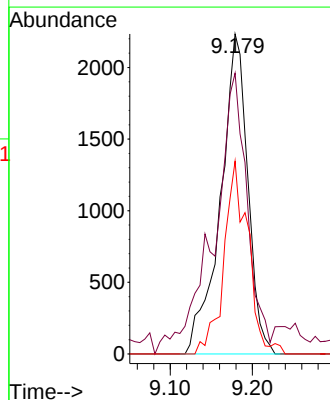
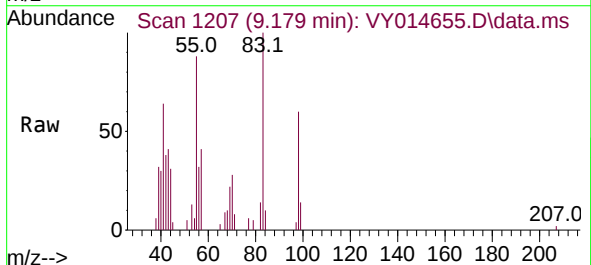
Instrument :
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ClientSampleId :
SB-05-(6-8)

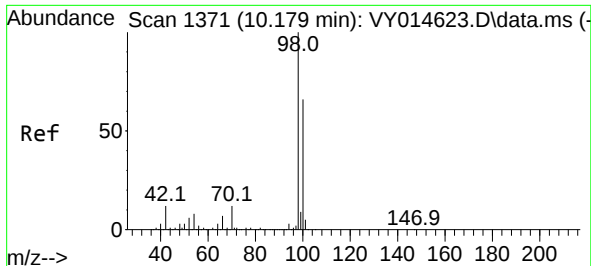
Tgt Ion:113 Resp: 120631
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.9 16.9 25.3



#39
Methylcyclohexane
Concen: 1.079 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion: 83 Resp: 5164
Ion Ratio Lower Upper
83 100
55 81.3 63.0 94.4
98 60.3 37.4 56.2#

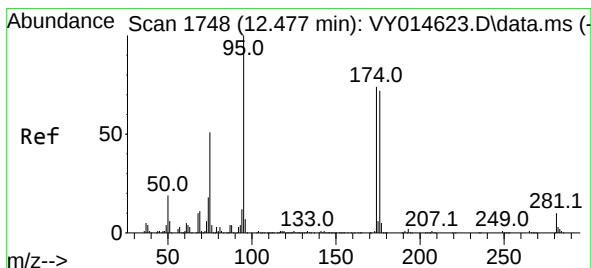
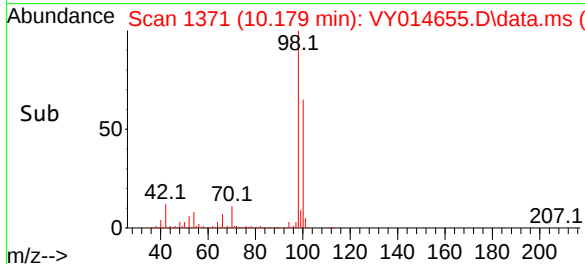
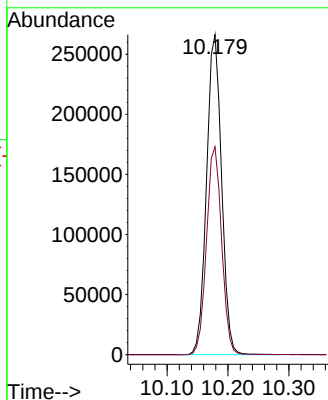
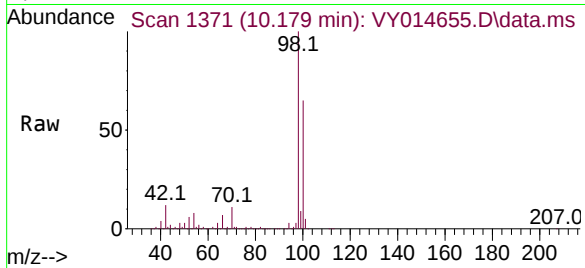




#50
Toluene-d8
Concen: 50.378 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

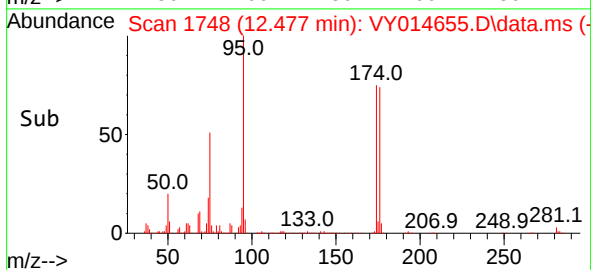
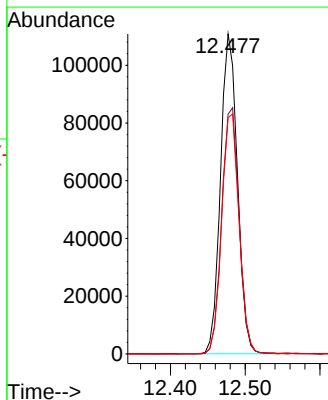
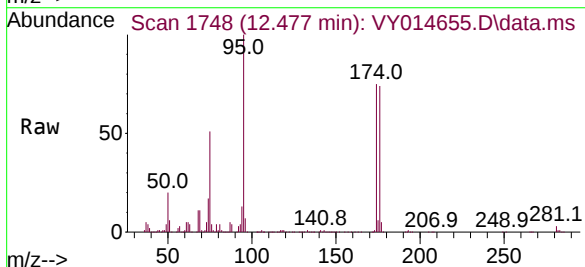
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

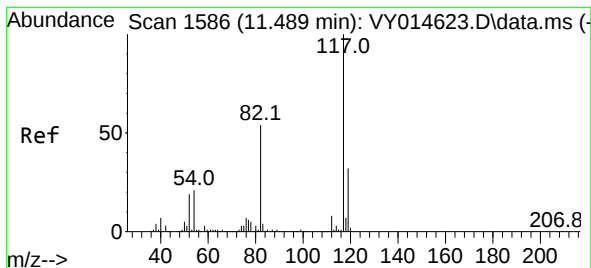
Tgt Ion: 98 Resp: 456230
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion: 95 Resp: 174859
Ion Ratio Lower Upper
95 100
174 79.3 0.0 178.2
176 77.0 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: VY014655.D

Acq: 14 Jul 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-(6-8)

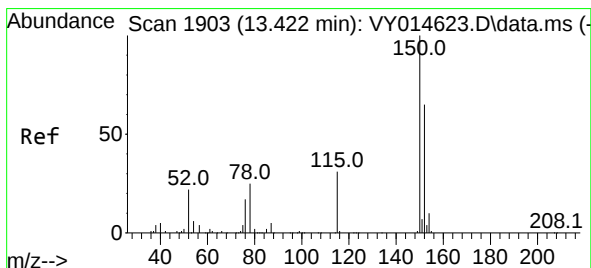
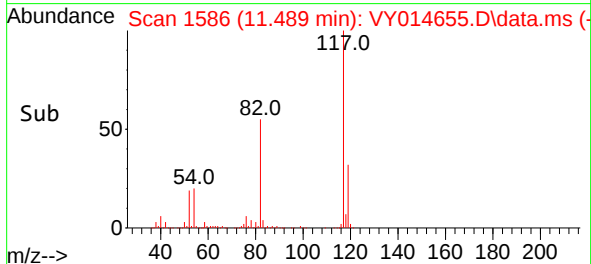
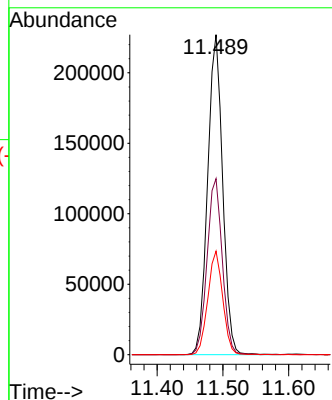
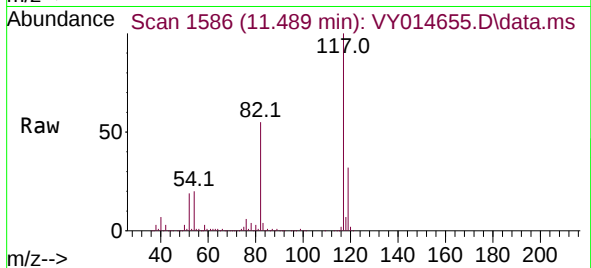
Tgt Ion:117 Resp: 359598

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.4 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: VY014655.D

Acq: 14 Jul 2023 18:15

Tgt Ion:152 Resp: 173987

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 156.6 0.0 348.8

