

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014810.D
 Acq On : 25 Jul 2023 18:31
 Operator : SY/MD
 Sample : 03733-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-6-072423

Quant Time: Jul 26 01:21:58 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)

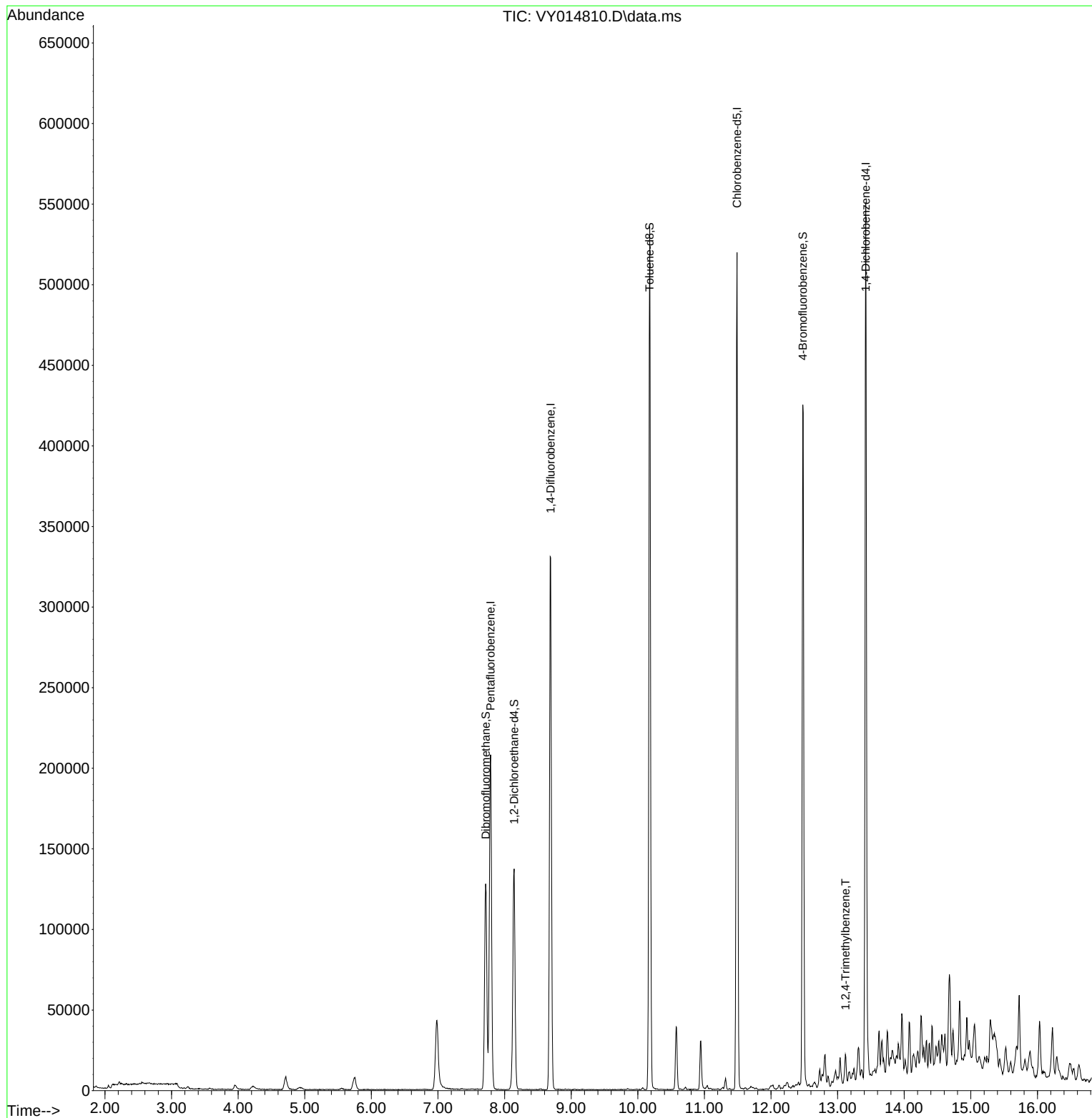
Internal Standards						
1) Pentafluorobenzene	7.789	168	165009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	288740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105088	55.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.716	113	91497	49.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.179	98	345652	51.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.477	95	128748	49.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.100%
Target Compounds						
						Qvalue
84) 1,2,4-Trimethylbenzene	13.117	105	9162	1.082	ug/l	97

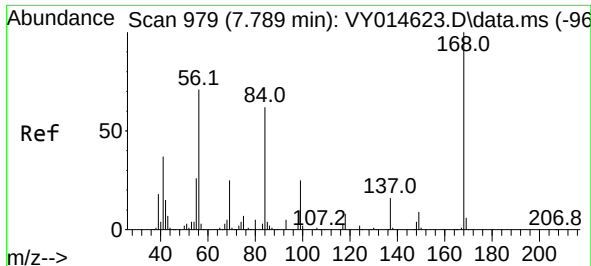
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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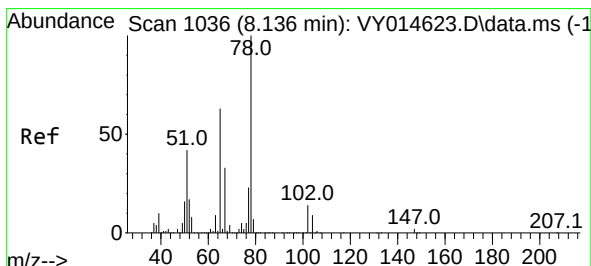
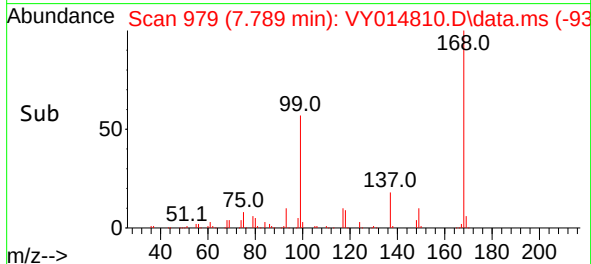
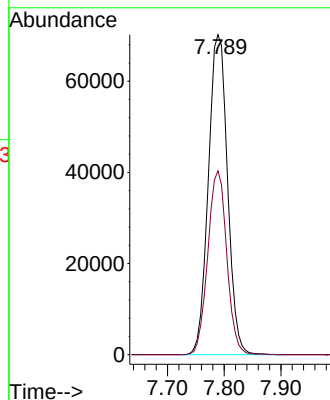
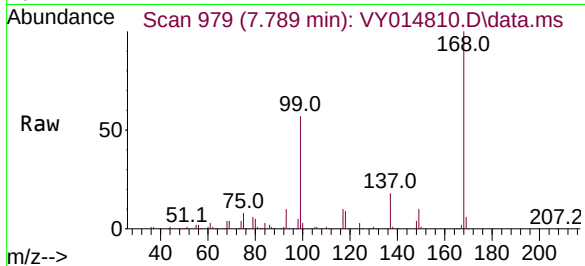




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014810.D
Acq: 25 Jul 2023 18:31

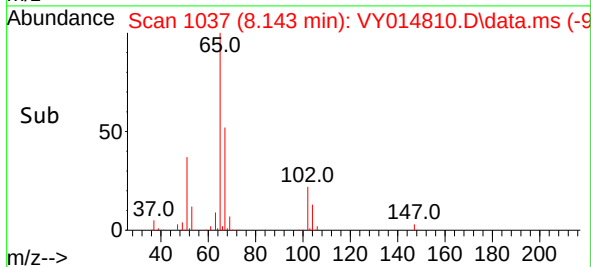
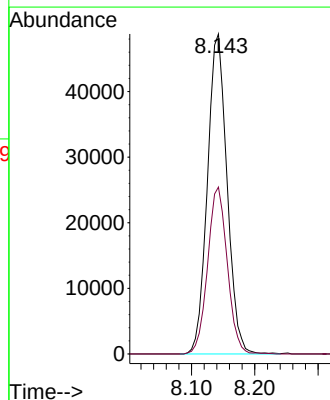
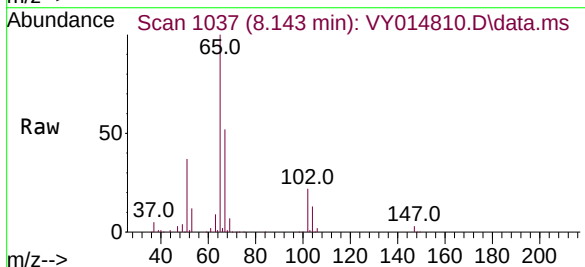
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-072423

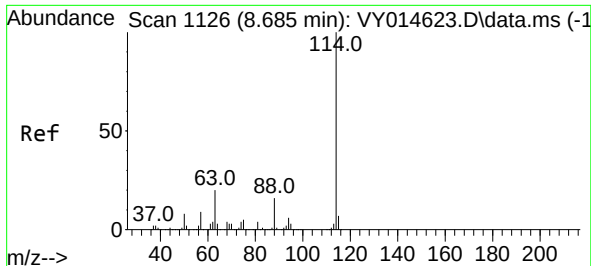
Tgt Ion:168 Resp: 165009
Ion Ratio Lower Upper
168 100
99 57.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.888 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014810.D
Acq: 25 Jul 2023 18:31

Tgt Ion: 65 Resp: 105088
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

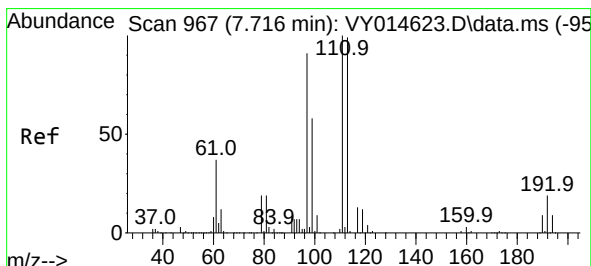
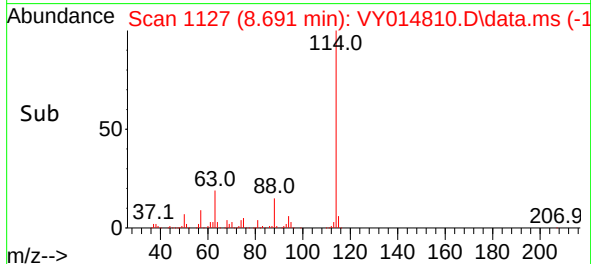
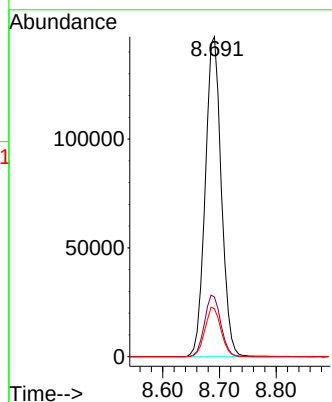
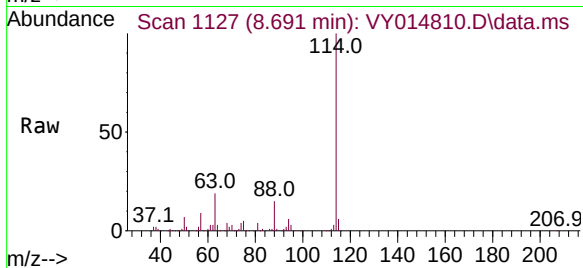




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014810.D
Acq: 25 Jul 2023 18:31

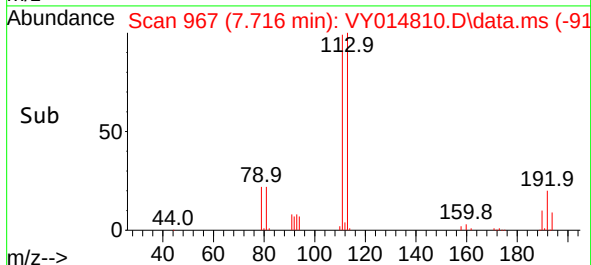
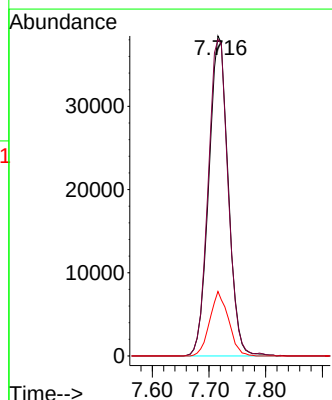
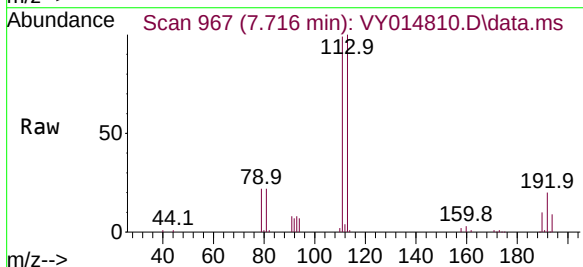
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-072423

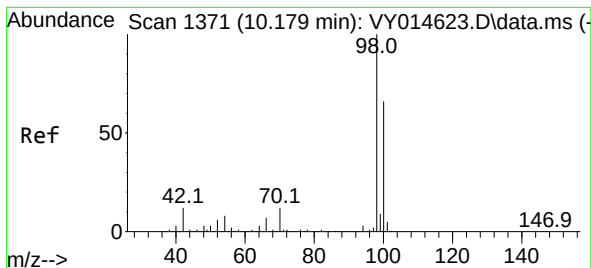
Tgt Ion:114 Resp: 288740
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014810.D
Acq: 25 Jul 2023 18:31

Tgt Ion:113 Resp: 91497
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.5 16.9 25.3

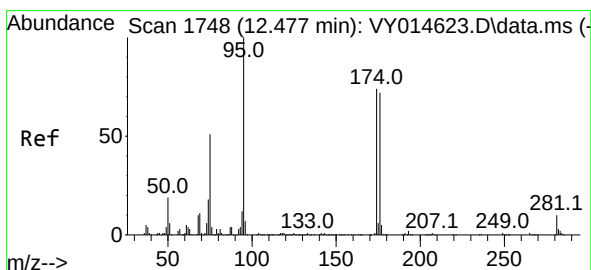
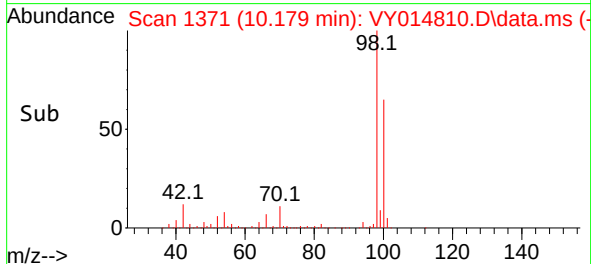
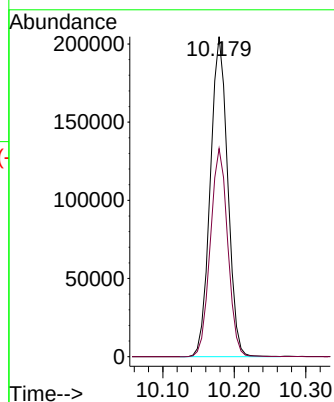
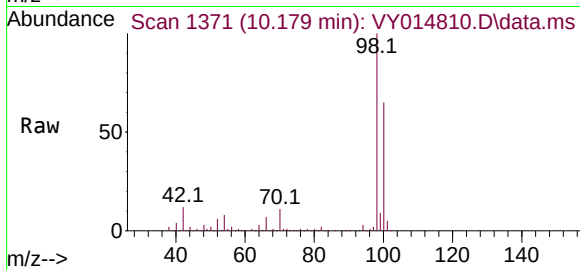




#50
Toluene-d8
Concen: 51.007 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014810.D
Acq: 25 Jul 2023 18:31

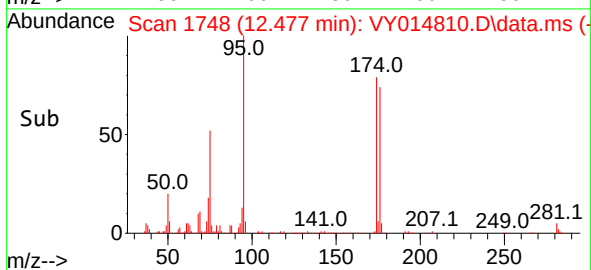
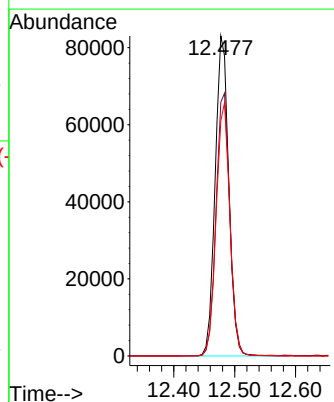
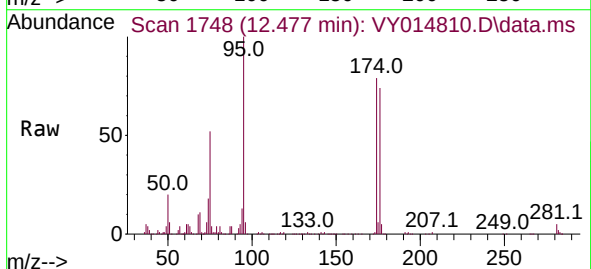
Instrument :
MSVOA_Y
ClientSampleId :
AU-6-072423

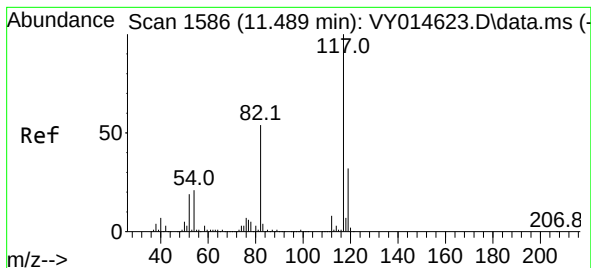
Tgt Ion: 98 Resp: 345652
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.550 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014810.D
Acq: 25 Jul 2023 18:31

Tgt Ion: 95 Resp: 128748
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 79.3 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: VY014810.D

Acq: 25 Jul 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

AU-6-072423

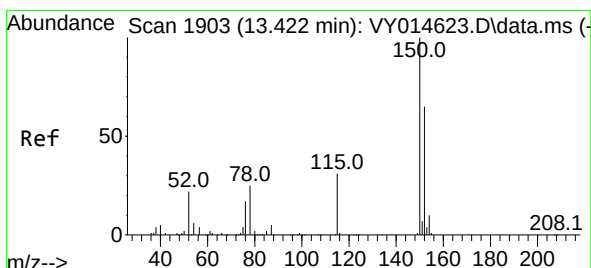
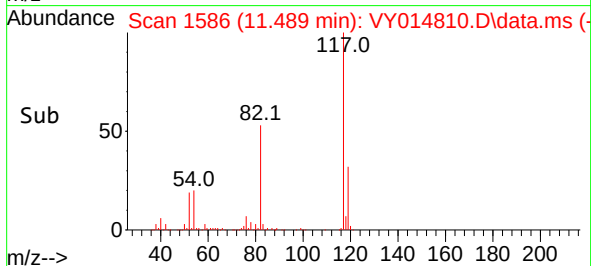
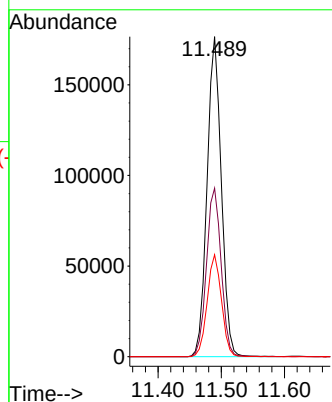
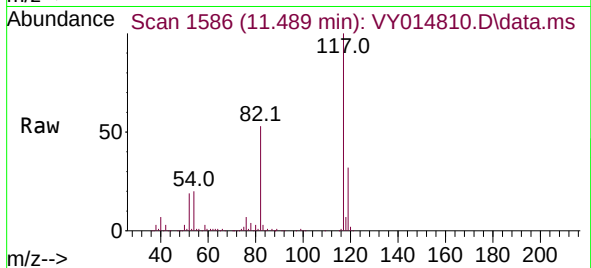
Tgt Ion:117 Resp: 277430

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.9 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: VY014810.D

Acq: 25 Jul 2023 18:31

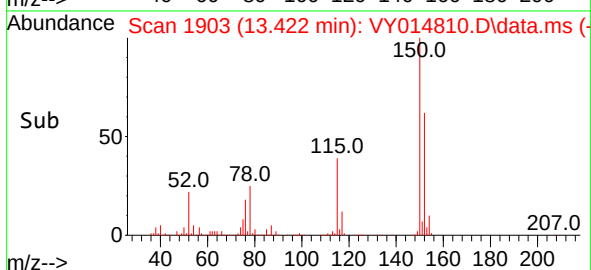
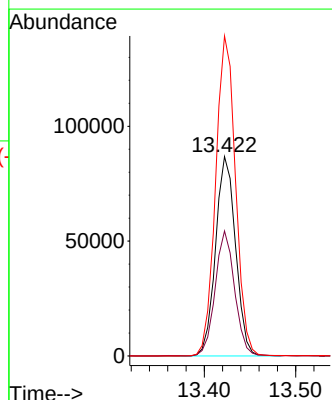
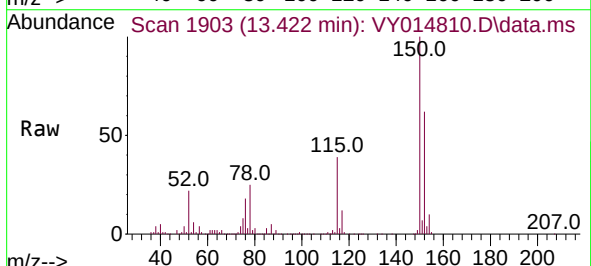
Tgt Ion:152 Resp: 131941

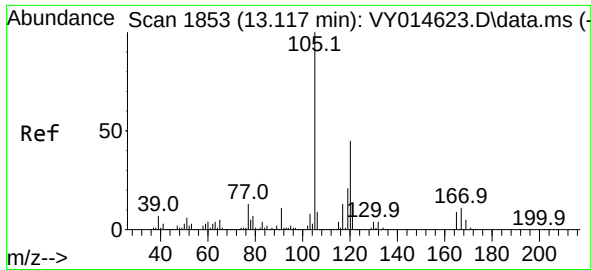
Ion Ratio Lower Upper

152 100

115 60.6 28.8 86.5

150 160.0 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 1.082 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014810.D

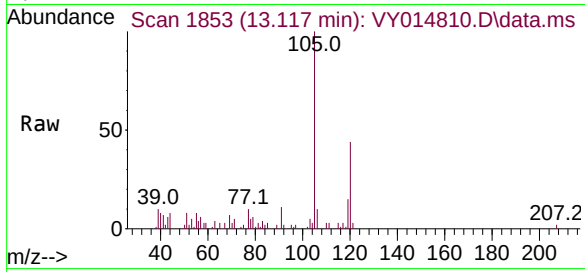
Acq: 25 Jul 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

AU-6-072423



Tgt Ion:105 Resp: 9162

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6

