

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014785.D
 Acq On : 24 Jul 2023 20:15
 Operator : SY/MD
 Sample : 03694-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jul 25 01:33:23 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)

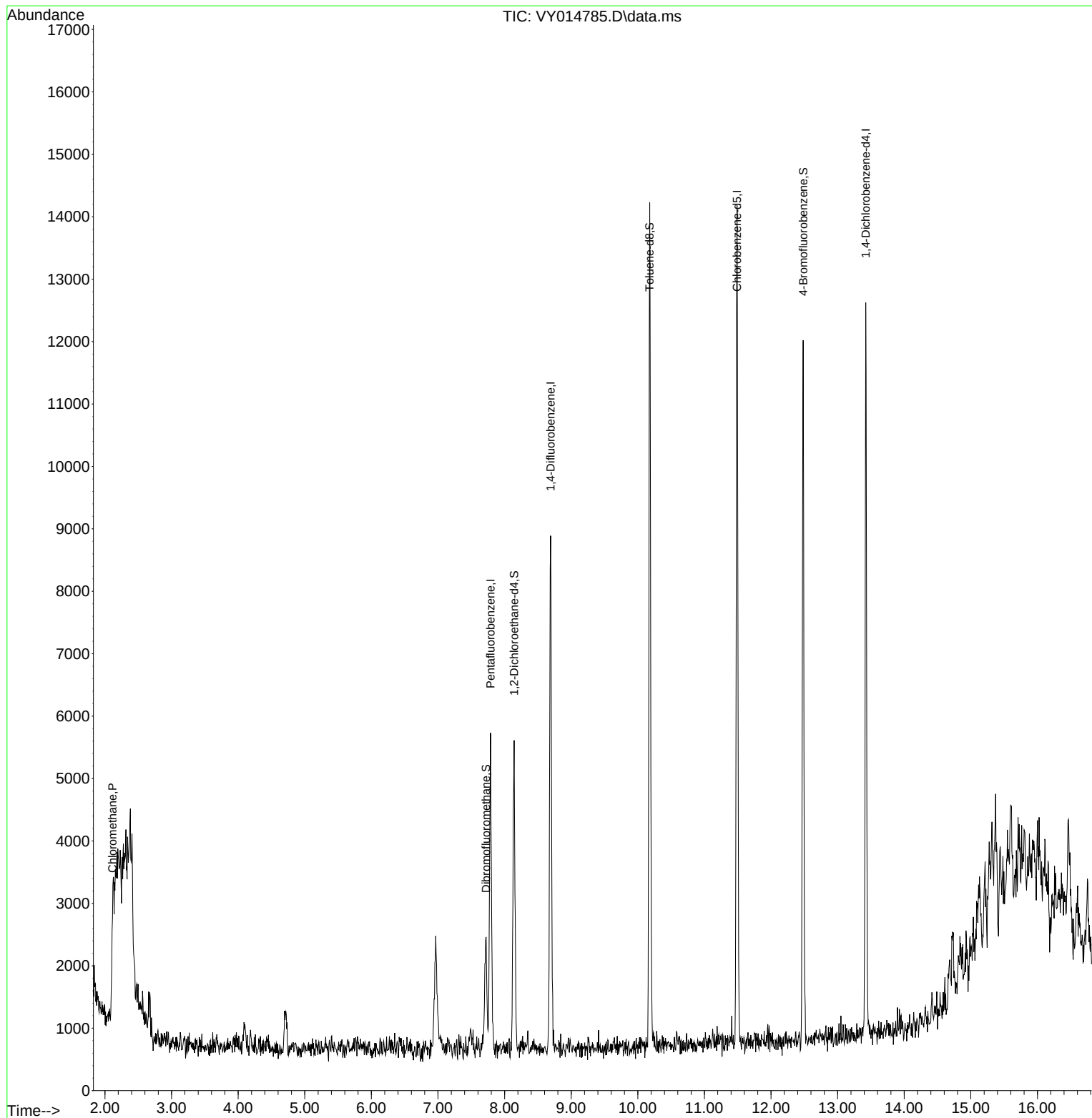
Internal Standards						
1) Pentafluorobenzene	7.789	168	4000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3780	82.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.860%#	
35) Dibromofluoromethane	7.722	113	1523	31.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 62.580%	
50) Toluene-d8	10.178	98	9400	52.390	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.483	95	3733	54.261	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	458	12.502	ug/l #	84

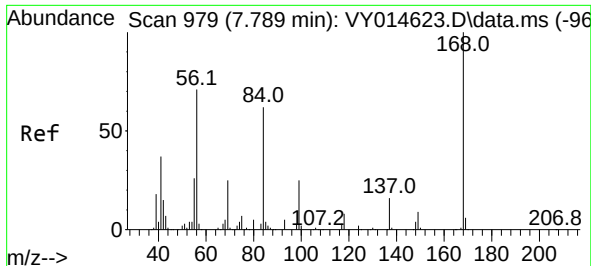
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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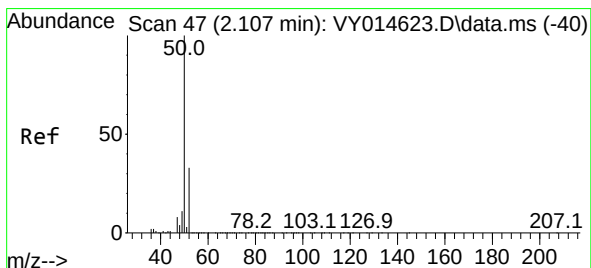
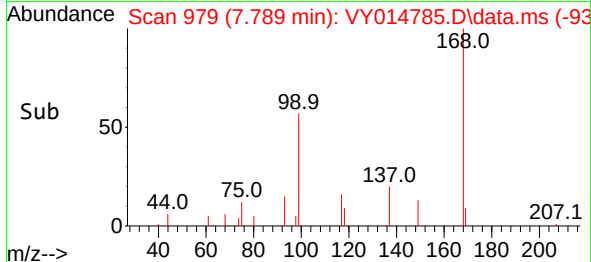
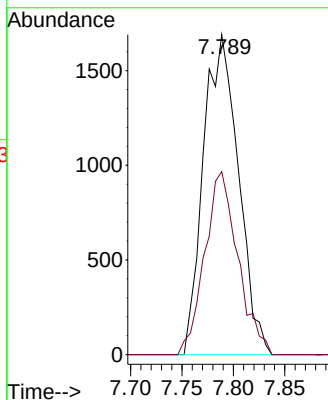
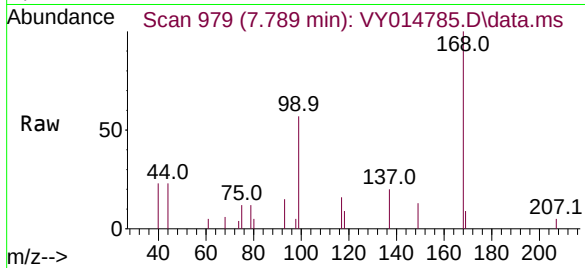




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014785.D
Acq: 24 Jul 2023 20:15

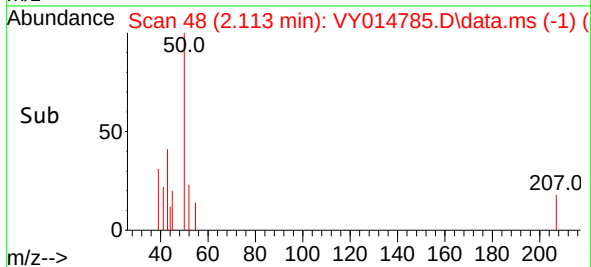
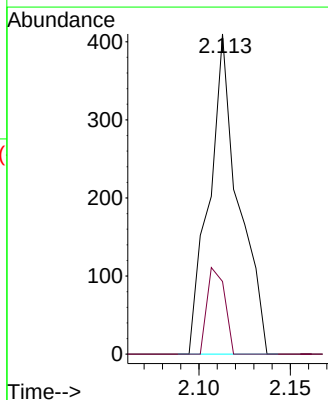
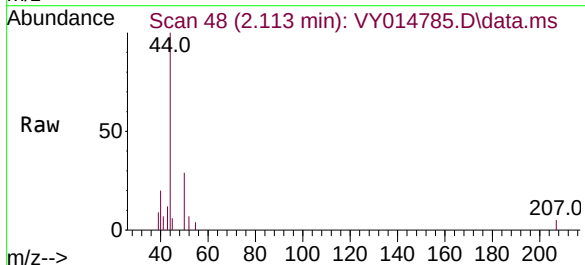
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

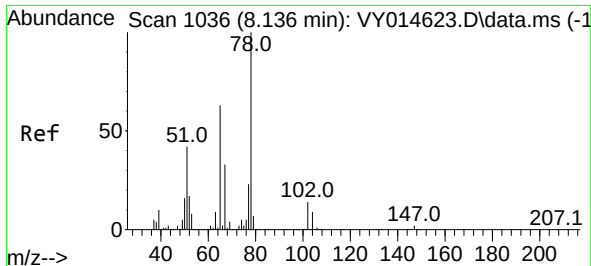
Tgt Ion:168 Resp: 4000
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#3
Chloromethane
Concen: 12.502 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014785.D
Acq: 24 Jul 2023 20:15

Tgt Ion: 50 Resp: 458
Ion Ratio Lower Upper
50 100
52 22.7 25.4 38.2#





#33

1,2-Dichloroethane-d4

Concen: 82.928 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014785.D

Acq: 24 Jul 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

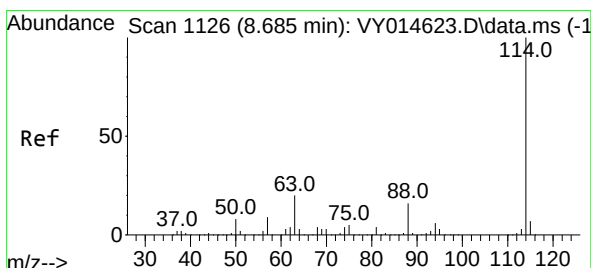
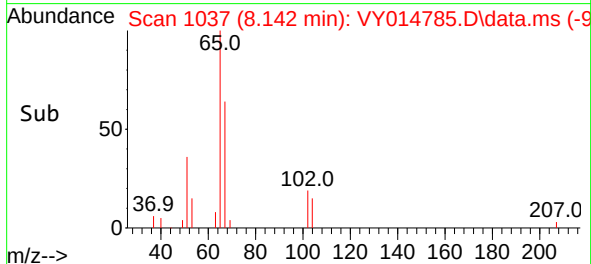
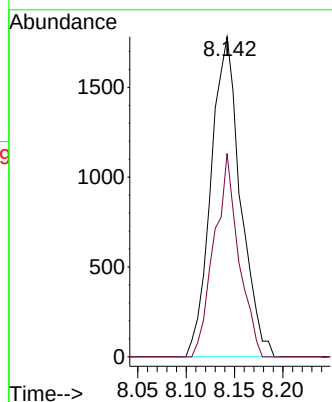
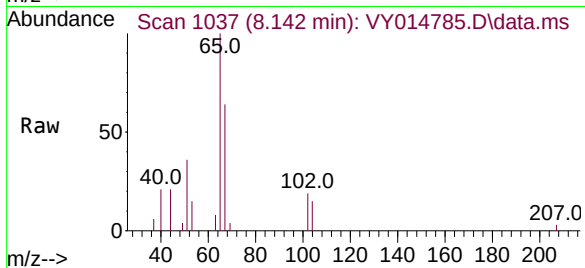
WC-1

Tgt Ion: 65 Resp: 3780

Ion Ratio Lower Upper

65 100

67 52.8 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: VY014785.D

Acq: 24 Jul 2023 20:15

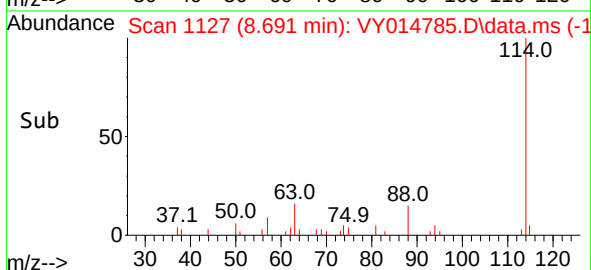
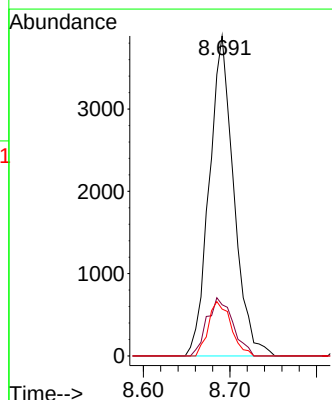
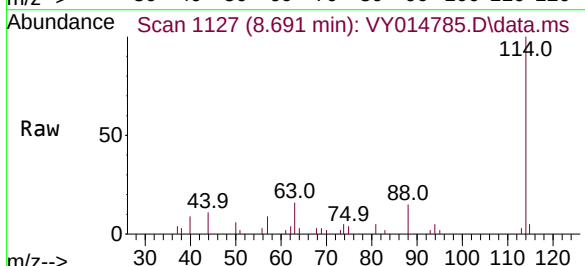
Tgt Ion: 114 Resp: 7645

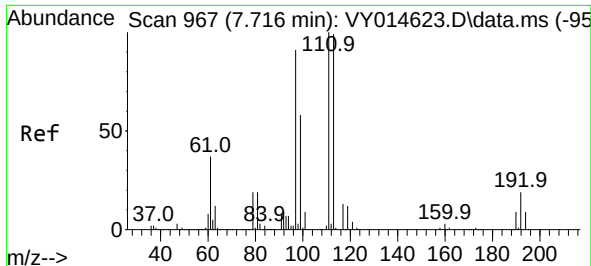
Ion Ratio Lower Upper

114 100

63 16.0 0.0 42.4

88 14.7 0.0 30.6

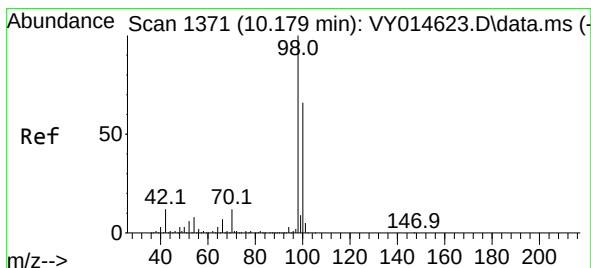
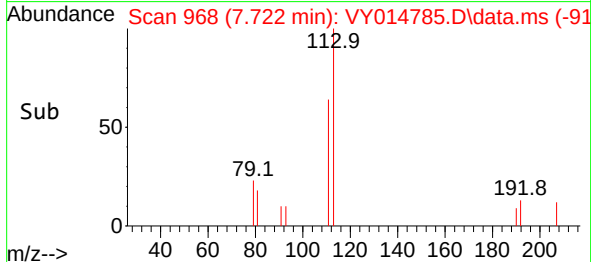
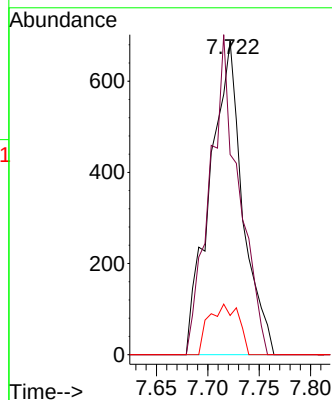
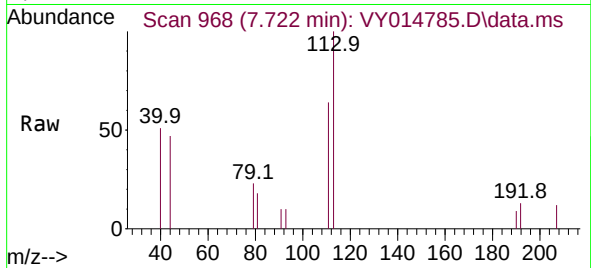




#35
Dibromofluoromethane
Concen: 31.295 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014785.D
Acq: 24 Jul 2023 20:15

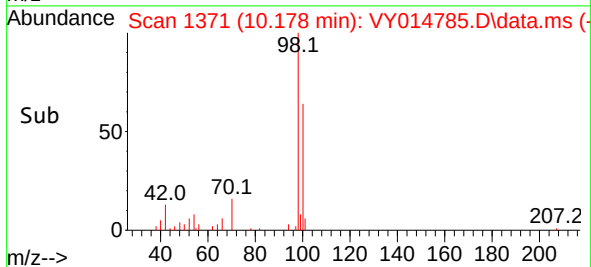
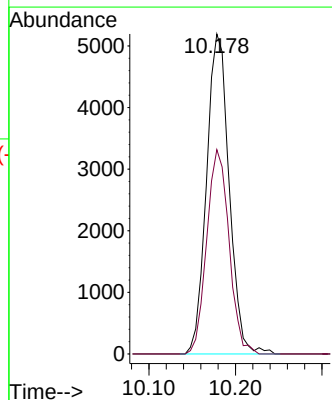
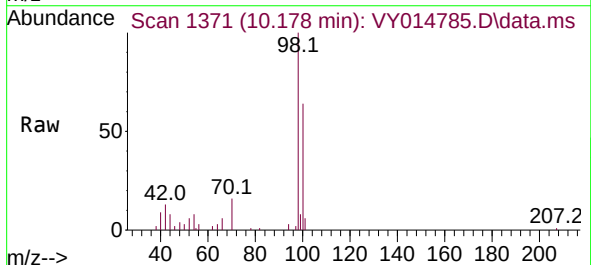
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

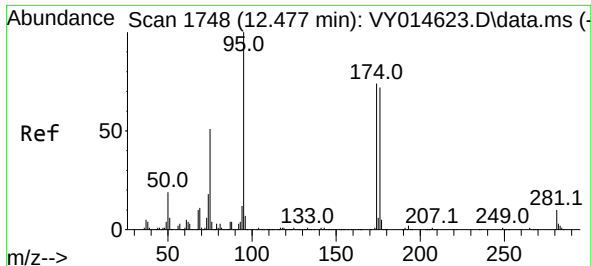
Tgt Ion:113 Resp: 1523
Ion Ratio Lower Upper
113 100
111 90.9 81.3 121.9
192 14.6 16.9 25.3#



#50
Toluene-d8
Concen: 52.390 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY014785.D
Acq: 24 Jul 2023 20:15

Tgt Ion: 98 Resp: 9400
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 54.261 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014785.D

Acq: 24 Jul 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

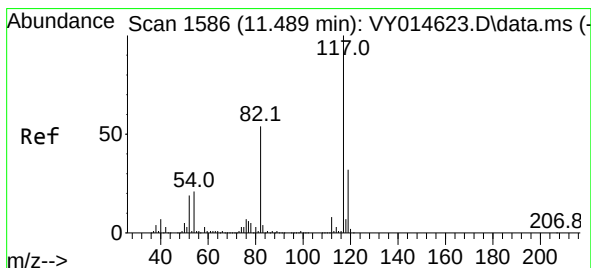
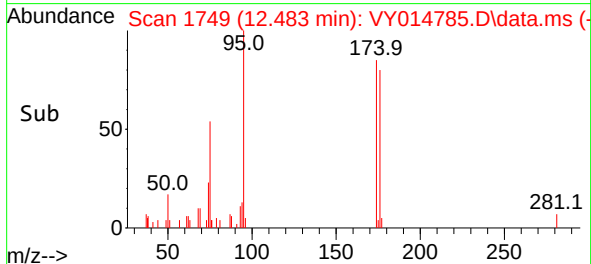
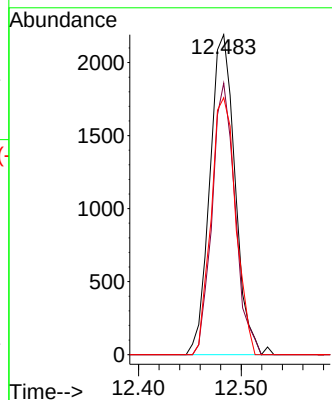
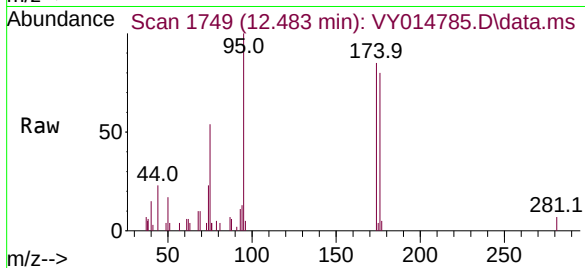
Tgt Ion: 95 Resp: 3733

Ion Ratio Lower Upper

95 100

174 77.2 0.0 178.2

176 78.7 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014785.D

Acq: 24 Jul 2023 20:15

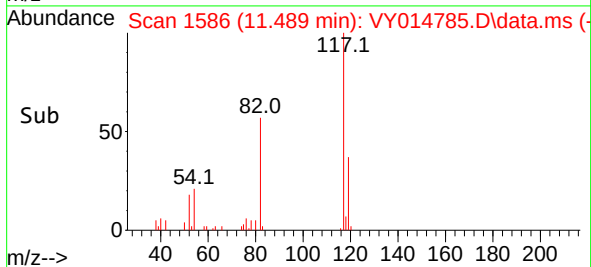
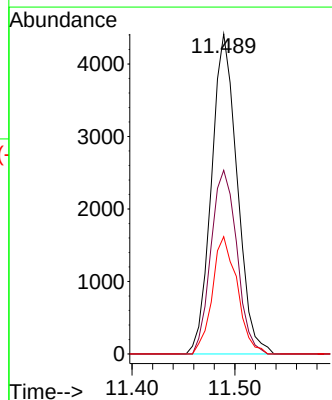
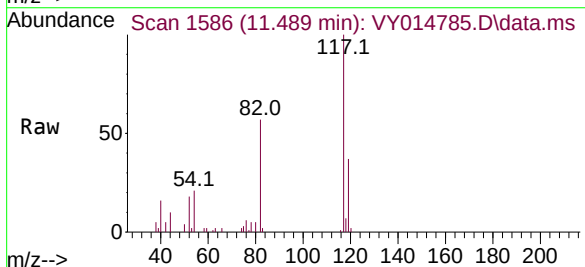
Tgt Ion: 117 Resp: 7665

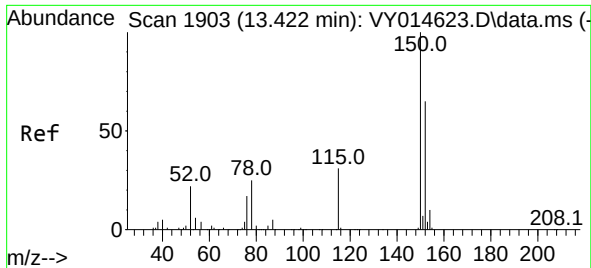
Ion Ratio Lower Upper

117 100

82 57.4 43.4 65.0

119 36.7 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: VY014785.D

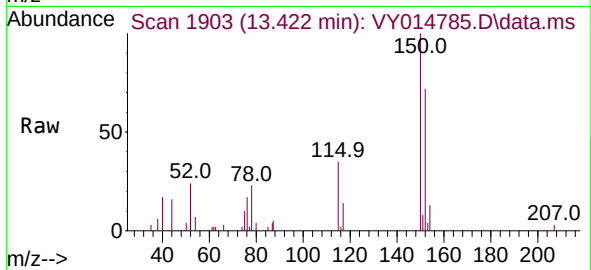
Acq: 24 Jul 2023 20:15

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 3115

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 156.7 0.0 348.8

