

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015450.D
 Acq On : 06 Sep 2023 15:20
 Operator : SY/MD
 Sample : 04299-07
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-7.0-7.5

Quant Time: Sep 06 16:28:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

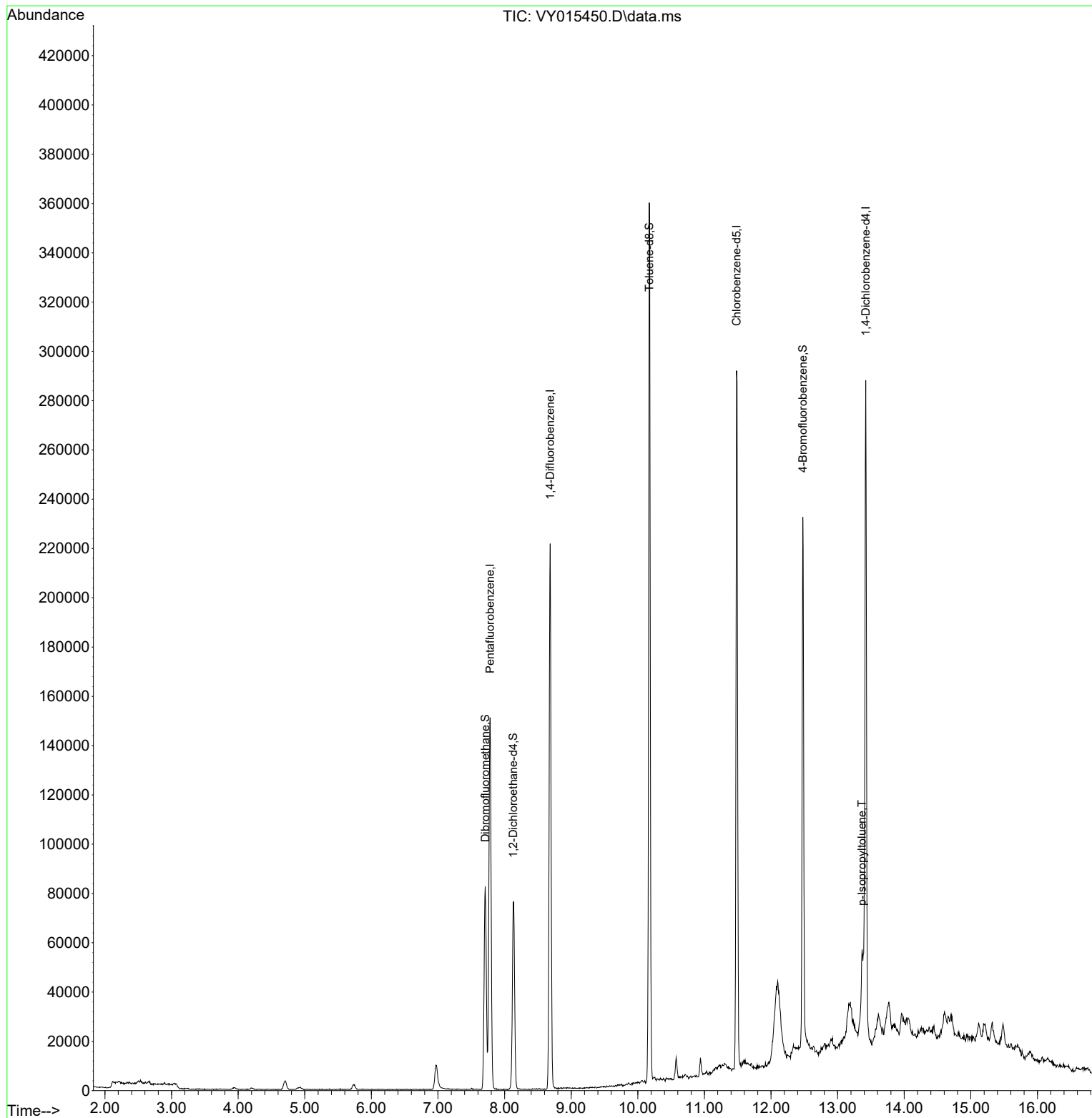
Internal Standards						
1) Pentafluorobenzene	7.783	168	117692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	189025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	158712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60863	48.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.710	113	58252	53.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.173	98	224778	57.011	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.020%
62) 4-Bromofluorobenzene	12.477	95	62729	42.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.720%
Target Compounds						
86) p-Isopropyltoluene	13.367	119	10056	2.283	ug/l	Qvalue # 71

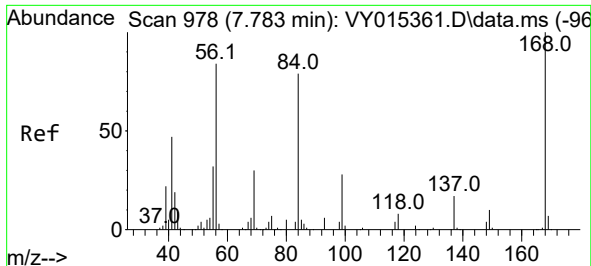
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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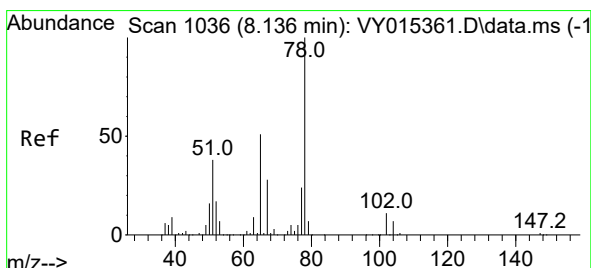
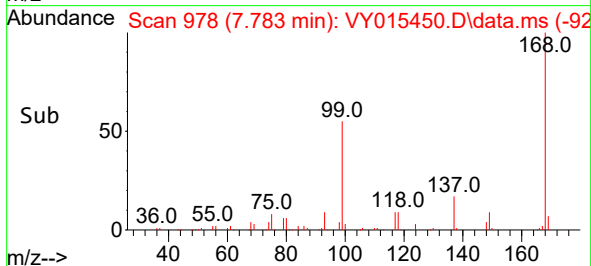
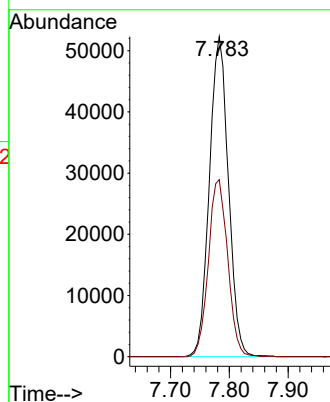
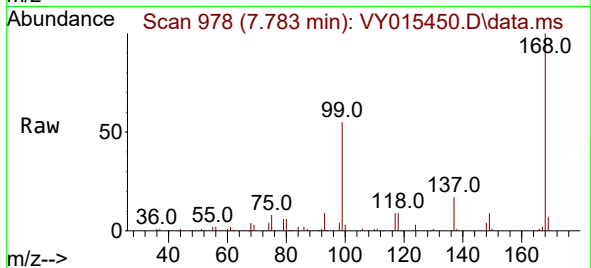




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

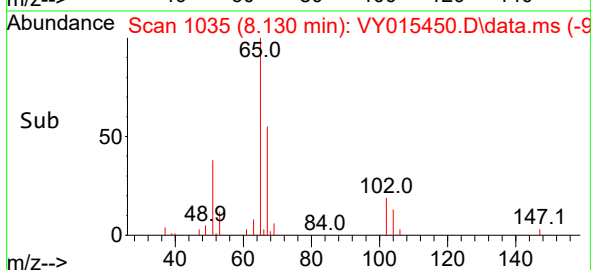
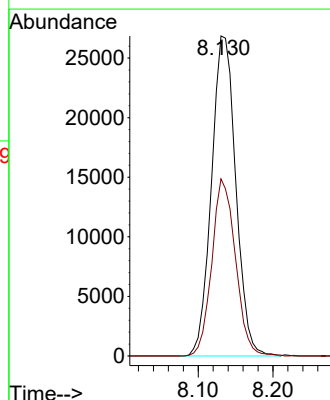
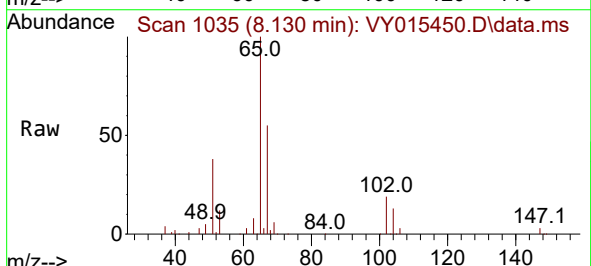
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

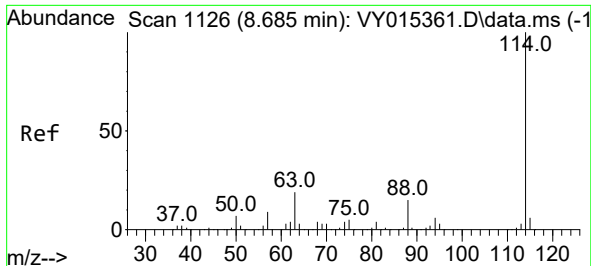
Tgt Ion:168 Resp: 117692
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.241 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion: 65 Resp: 60863
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8

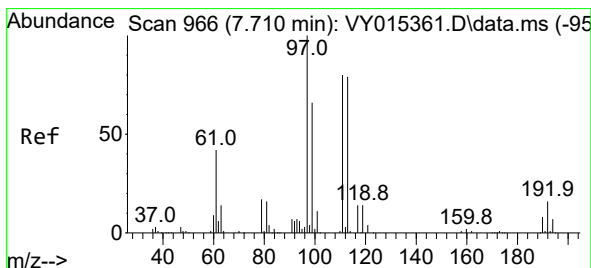
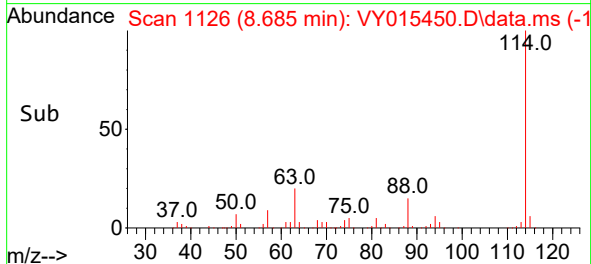
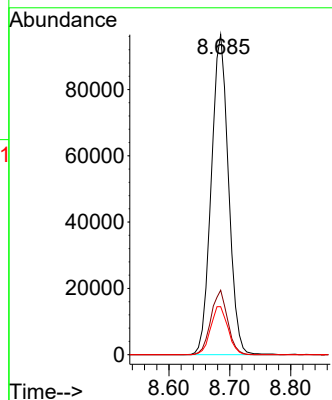
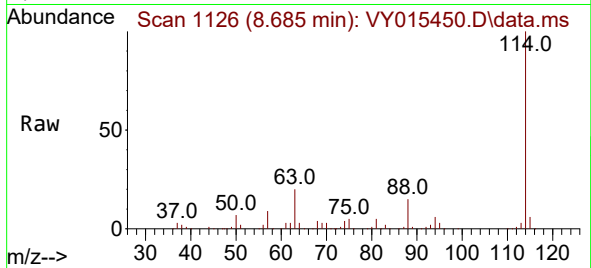




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

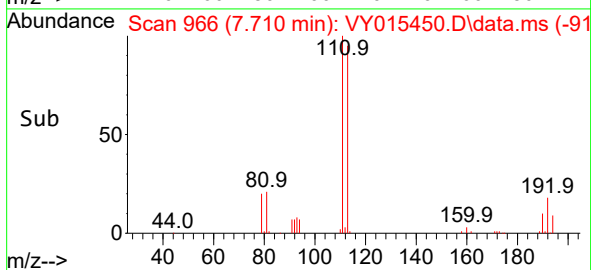
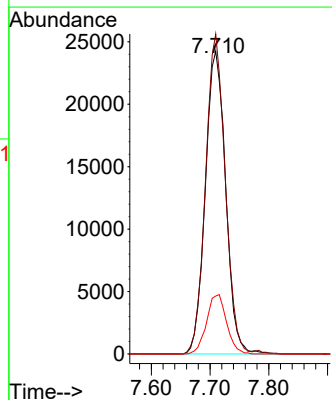
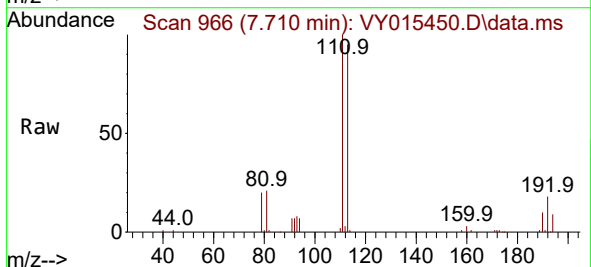
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-7.0-7.5

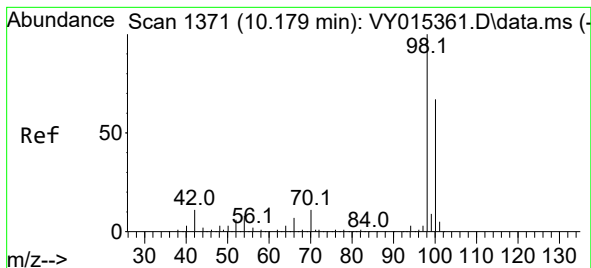
Tgt Ion:114 Resp: 189025
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.504 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015450.D
Acq: 06 Sep 2023 15:20

Tgt Ion:113 Resp: 58252
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.3 16.9 25.3





#50

Toluene-d8

Concen: 57.011 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015450.D

Acq: 06 Sep 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

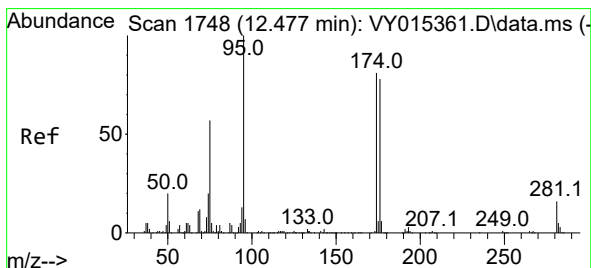
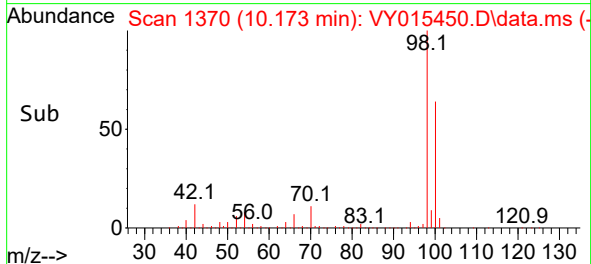
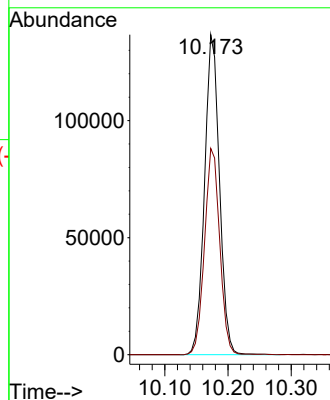
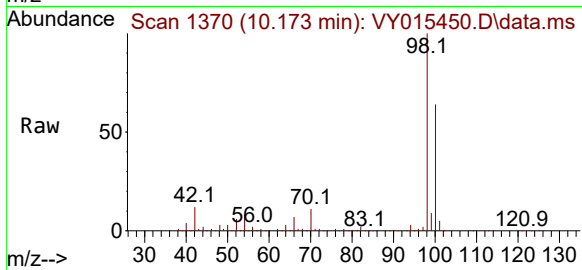
SB-04-7.0-7.5

Tgt Ion: 98 Resp: 224778

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.857 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015450.D

Acq: 06 Sep 2023 15:20

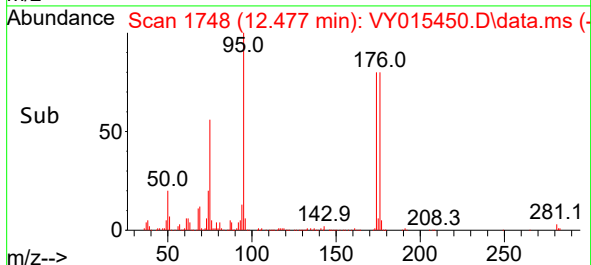
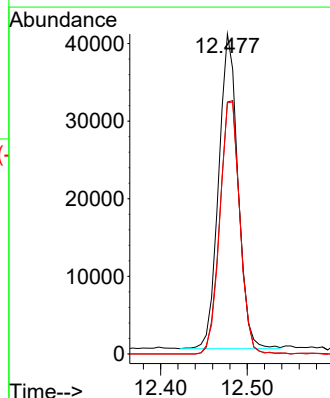
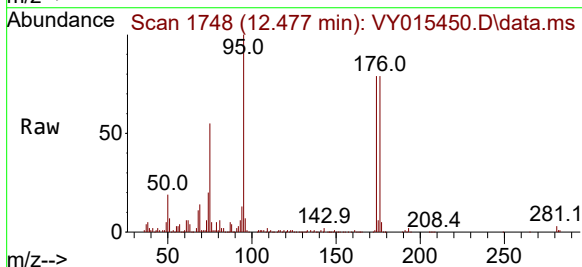
Tgt Ion: 95 Resp: 62729

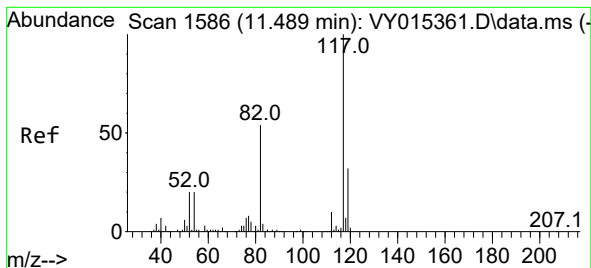
Ion Ratio Lower Upper

95 100

174 83.6 0.0 178.2

176 82.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015450.D

Acq: 06 Sep 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-7.0-7.5

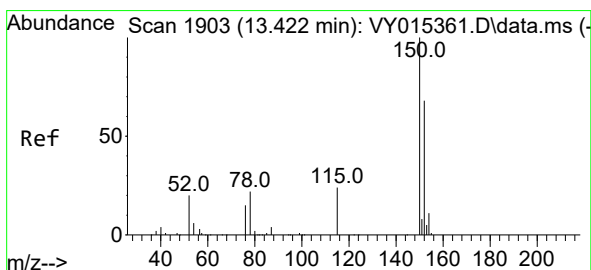
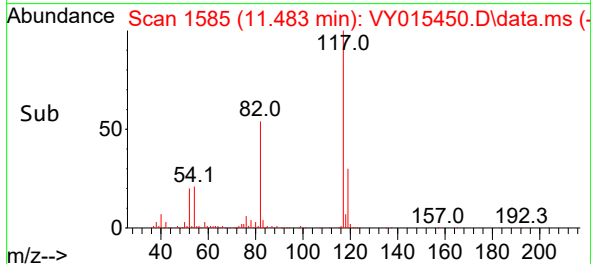
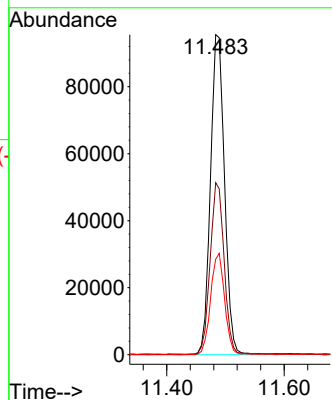
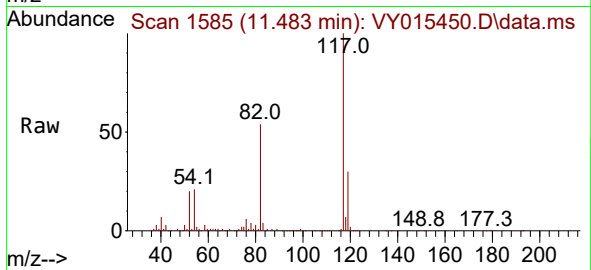
Tgt Ion:117 Resp: 158712

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 29.9 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: VY015450.D

Acq: 06 Sep 2023 15:20

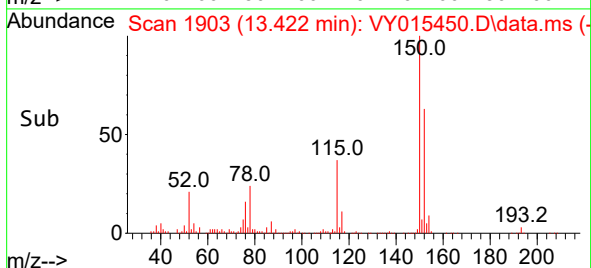
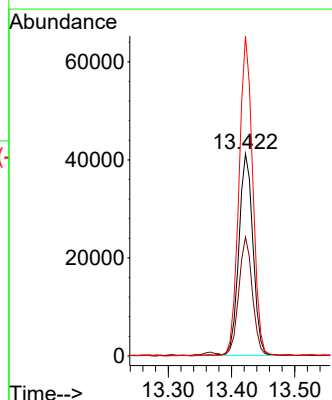
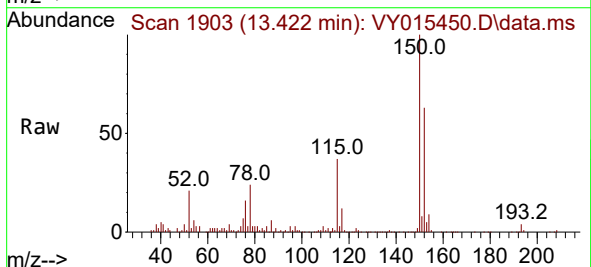
Tgt Ion:152 Resp: 64024

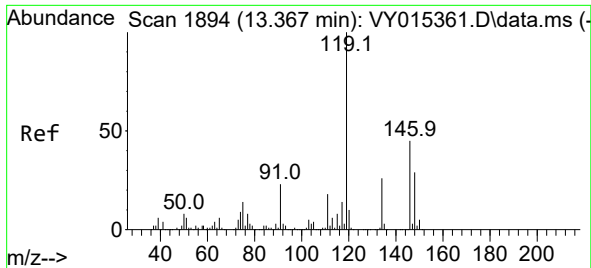
Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 155.5 0.0 348.8





#86
 p-Isopropyltoluene
 Concen: 2.283 ug/l
 RT: 13.367 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY015450.D
 Acq: 06 Sep 2023 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-7.0-7.5

Tgt Ion:	119	Resp:	10056
Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.3	39.8
91	53.6	12.4	37.4#

