

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014782.D
 Acq On : 24 Jul 2023 19:04
 Operator : SY/MD
 Sample : 03719-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P23B

Quant Time: Jul 25 01:32:22 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	47952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	79334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	25999	47.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.160%
35) Dibromofluoromethane	7.716	113	24430	48.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.179	98	91163	48.962	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.477	95	31053	43.496	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.000%

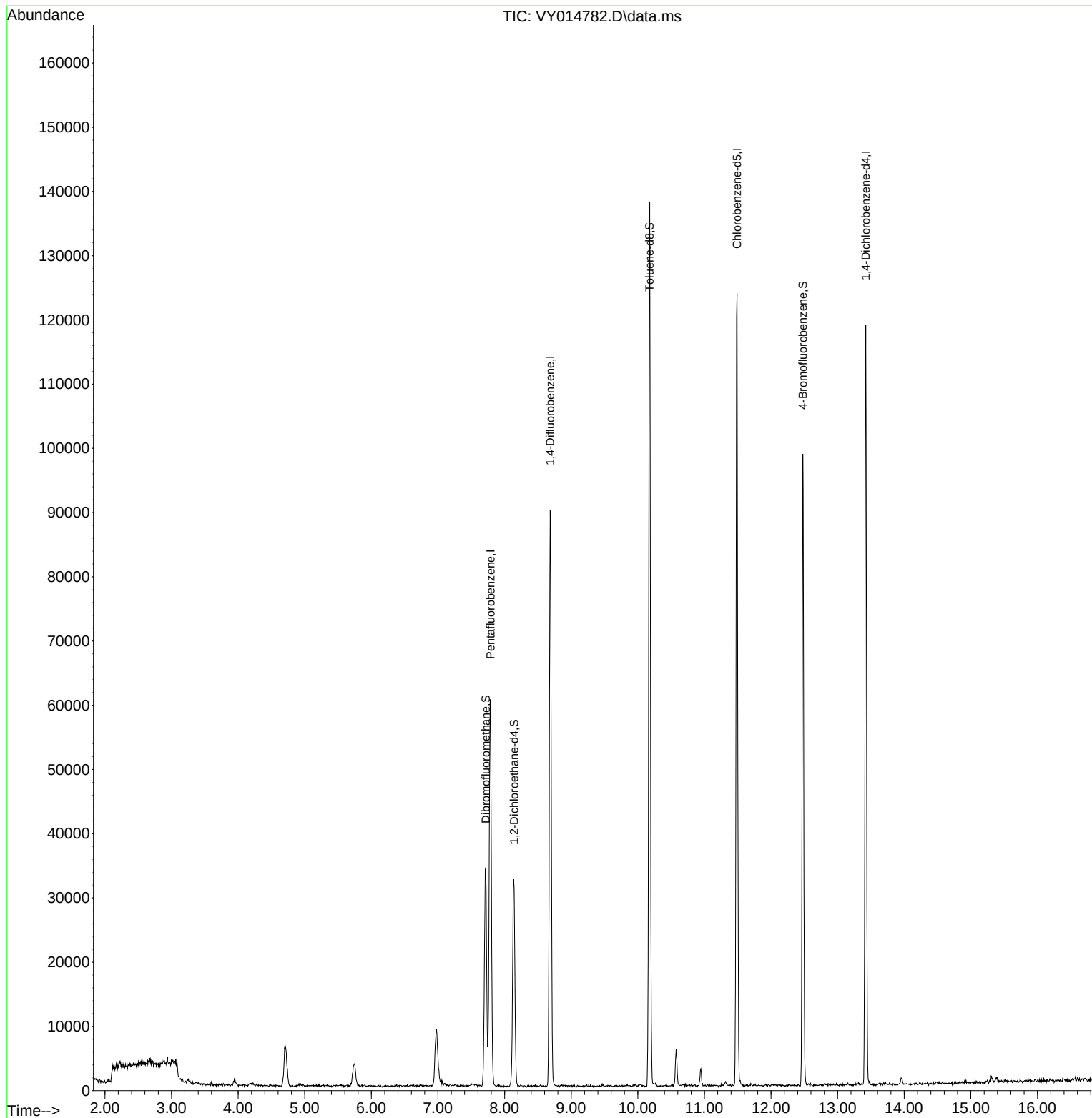
Target Compounds	Qvalue

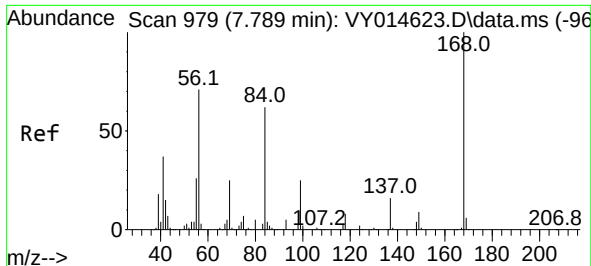
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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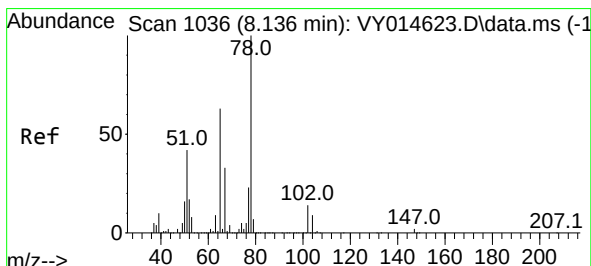
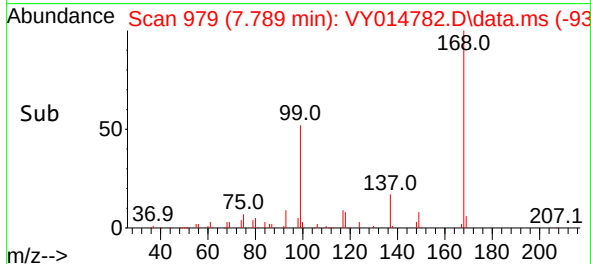
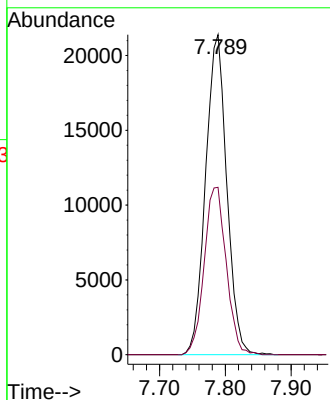
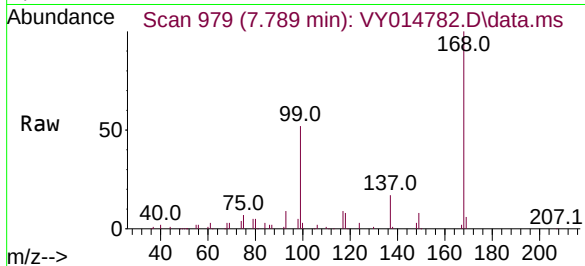




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

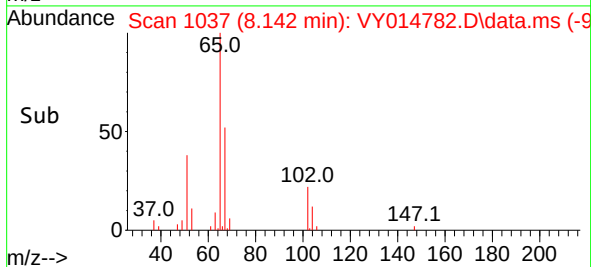
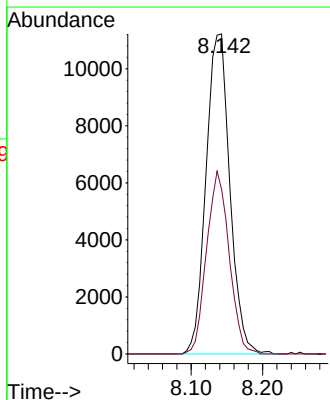
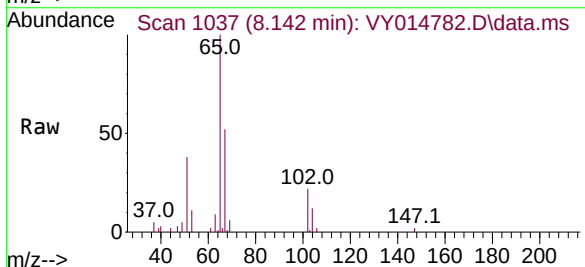
Instrument :
MSVOA_Y
ClientSampleId :
B-P23B

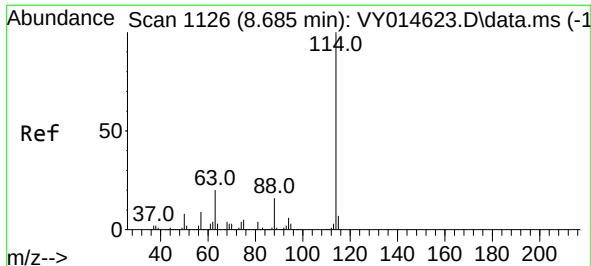
Tgt Ion:168 Resp: 47952
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.580 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion: 65 Resp: 25999
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8

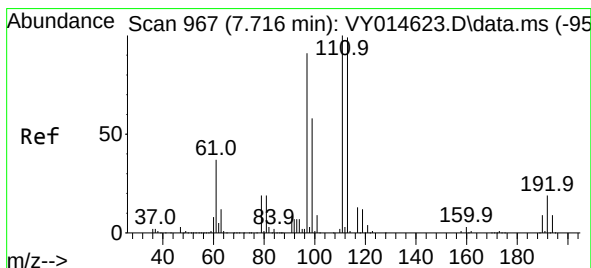
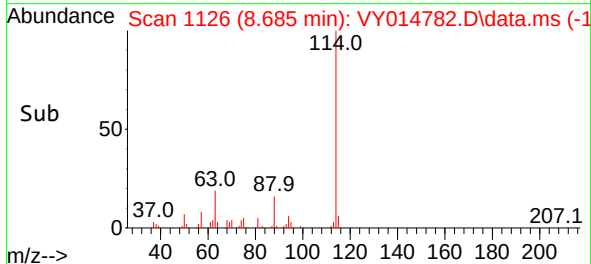
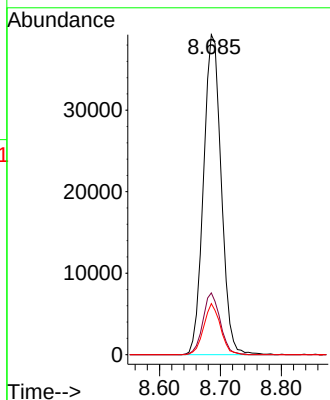
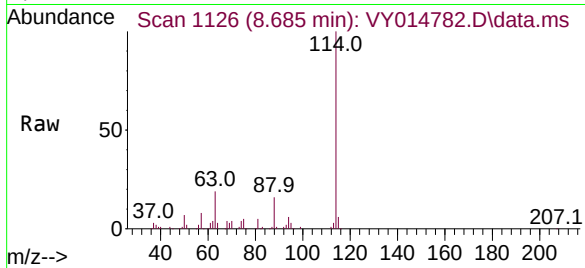




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

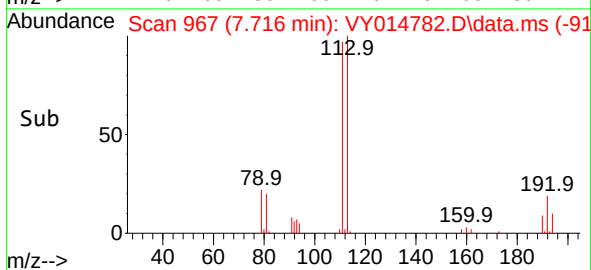
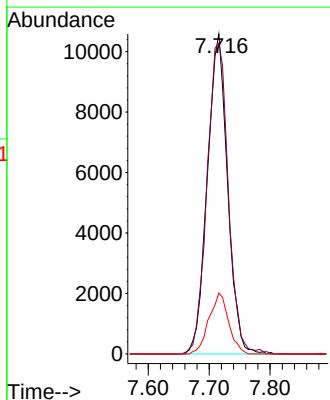
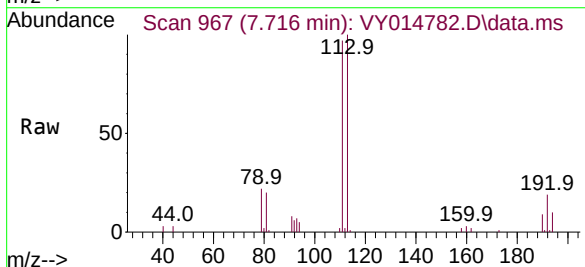
Instrument :
MSVOA_Y
ClientSampleId :
B-P23B

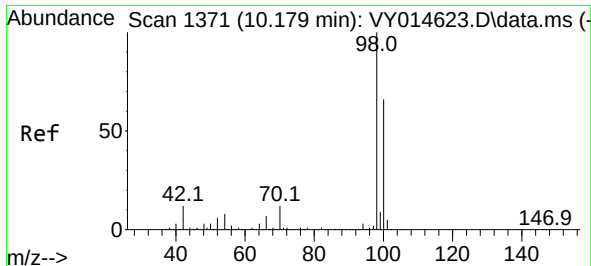
Tgt Ion:	114	Resp:	79334
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.4
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.374 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion:	113	Resp:	24430
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.3	121.9
192	18.5	16.9	25.3

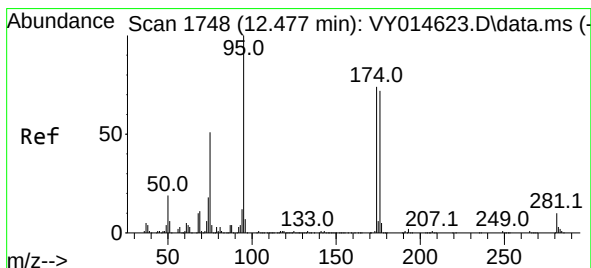
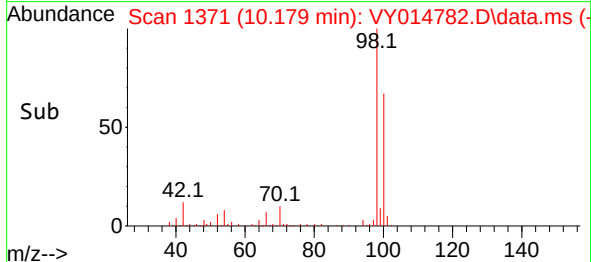
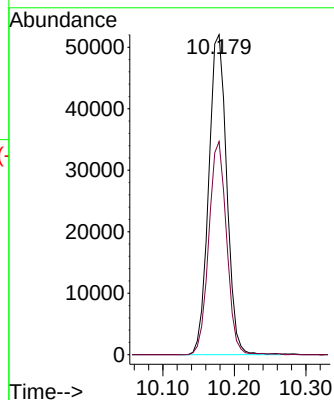
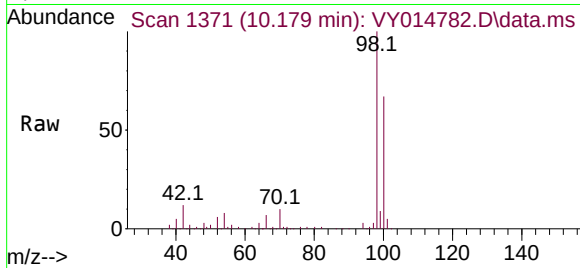




#50
Toluene-d8
Concen: 48.962 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

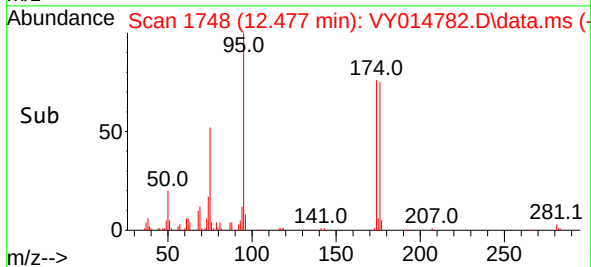
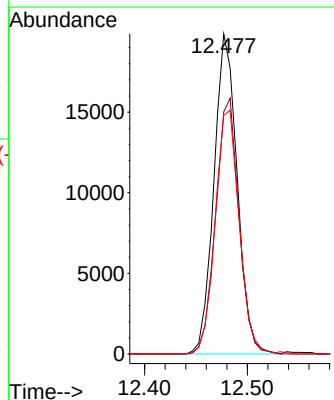
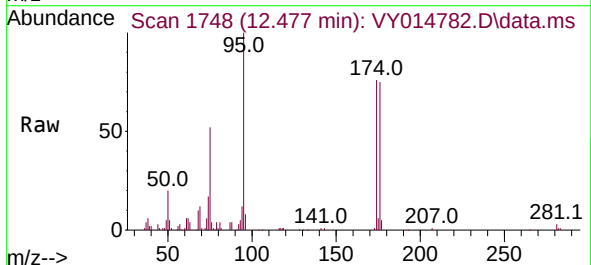
Instrument :
MSVOA_Y
ClientSampleId :
B-P23B

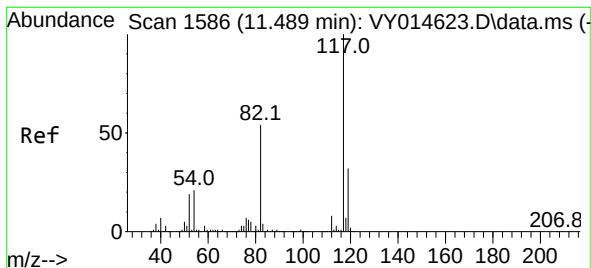
Tgt Ion: 98 Resp: 91163
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.496 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014782.D
Acq: 24 Jul 2023 19:04

Tgt Ion: 95 Resp: 31053
Ion Ratio Lower Upper
95 100
174 80.2 0.0 178.2
176 79.2 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: VY014782.D

Acq: 24 Jul 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

B-P23B

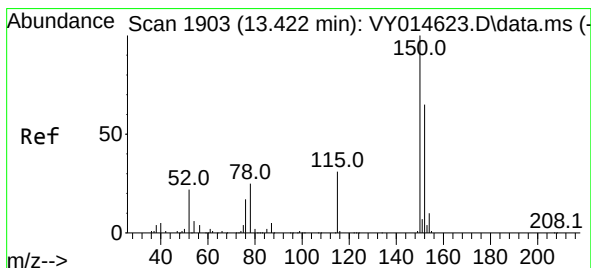
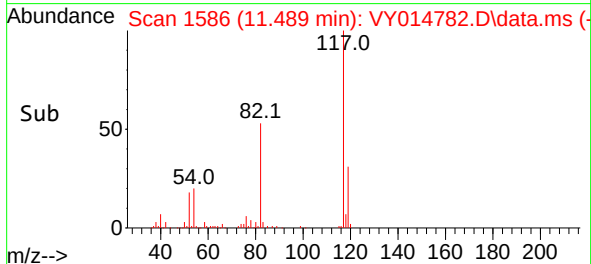
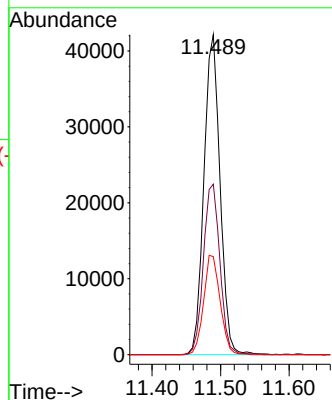
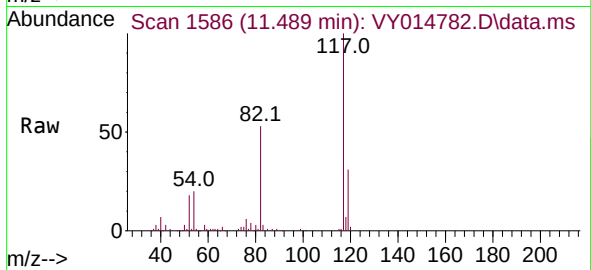
Tgt Ion:117 Resp: 69030

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 30.7 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: VY014782.D

Acq: 24 Jul 2023 19:04

Tgt Ion:152 Resp: 30585

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 157.8 0.0 348.8

