

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014031.D
 Acq On : 06 Jun 2023 15:25
 Operator : KP/MD
 Sample : 03039-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB31B

Quant Time: Jun 07 01:39:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	62920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	99593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	41067	49.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.722	113	34921	55.174	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.340%
50) Toluene-d8	10.179	98	121195	50.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.477	95	37204	45.202	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.400%

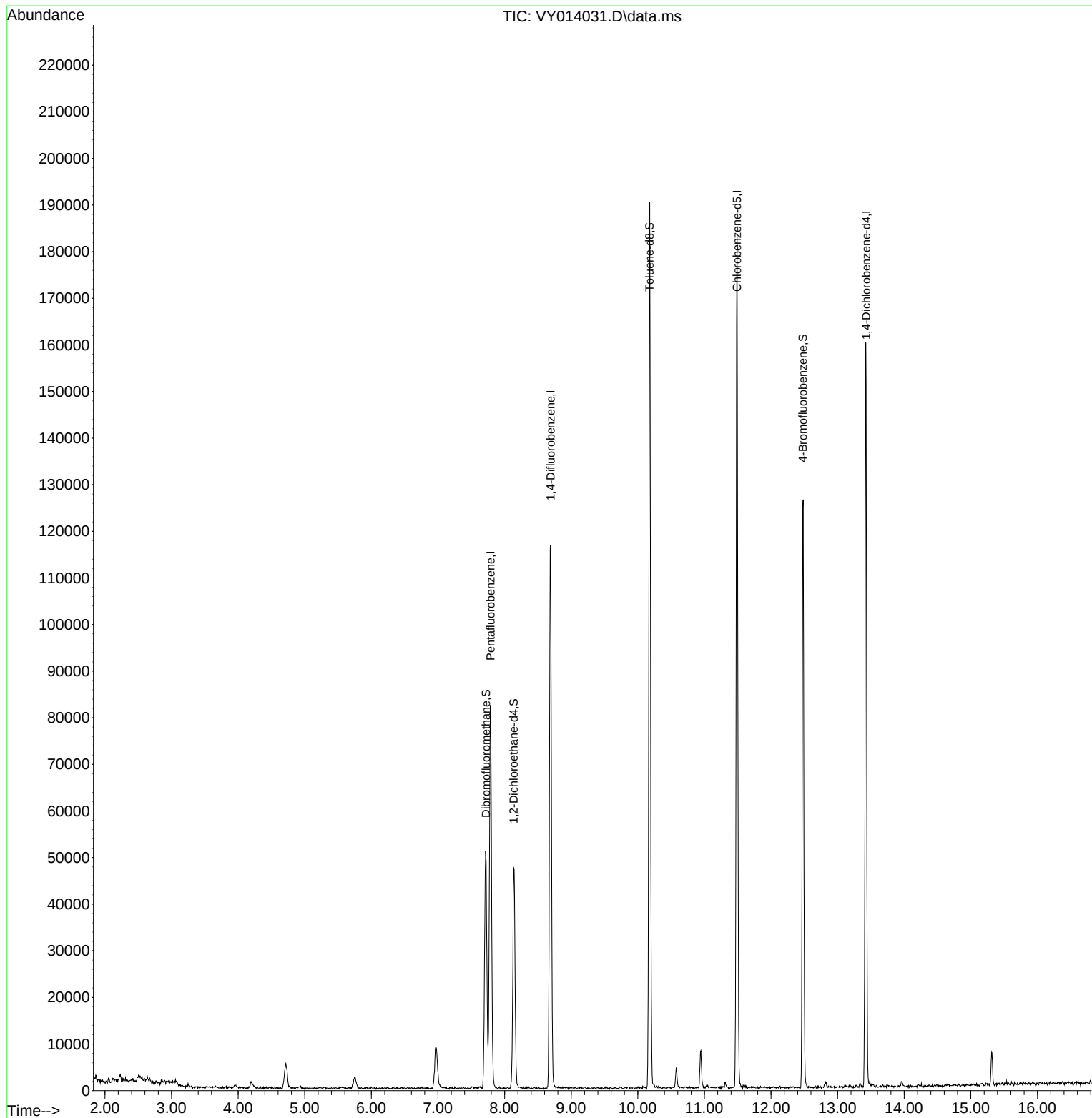
Target Compounds	Qvalue

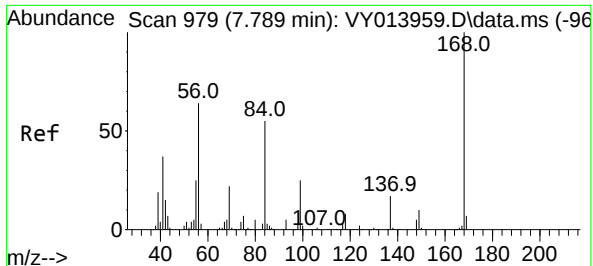
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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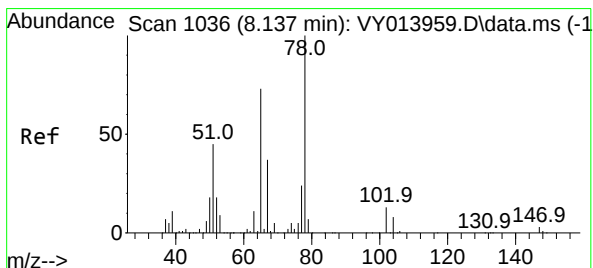
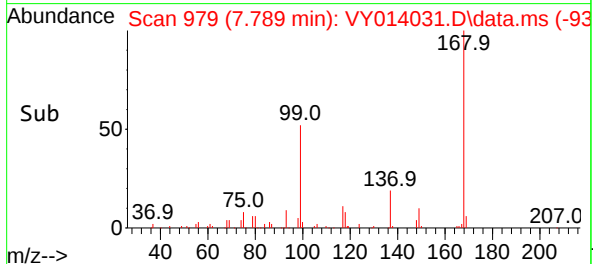
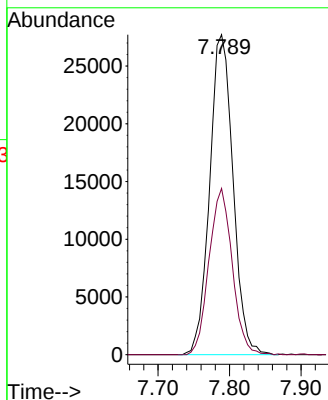
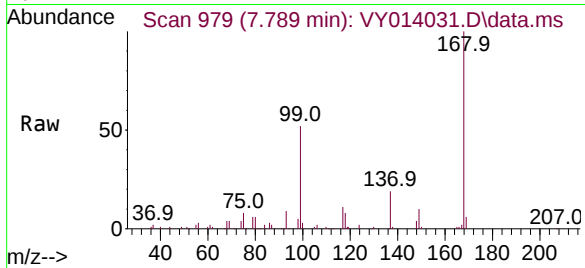




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

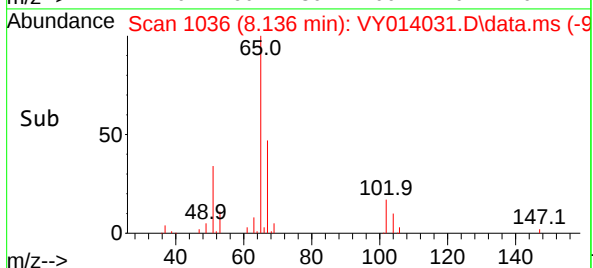
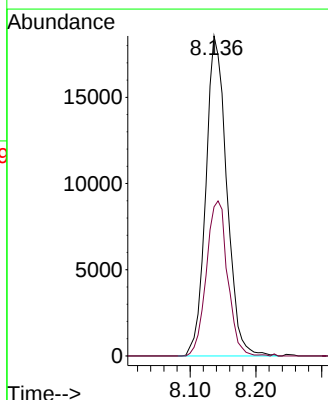
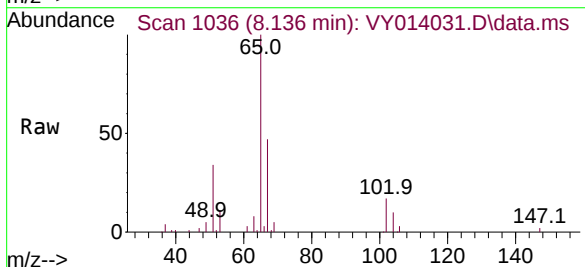
Instrument :
MSVOA_Y
ClientSampleId :
SB31B

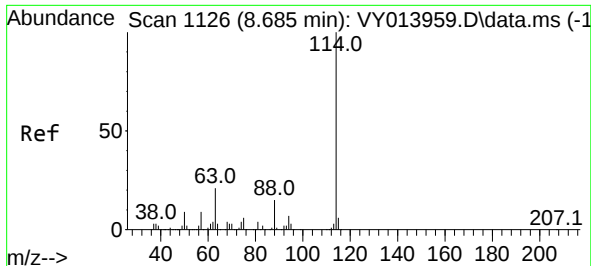
Tgt Ion:168 Resp: 62920
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.305 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 65 Resp: 41067
Ion Ratio Lower Upper
65 100
67 49.2 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: VY014031.D

Acq: 06 Jun 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

SB31B

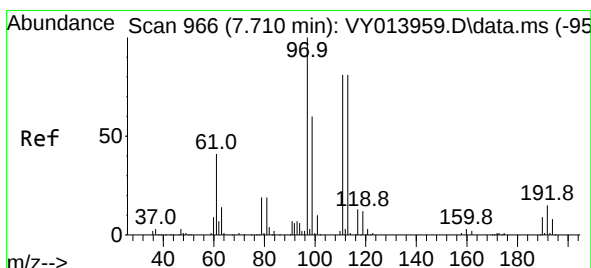
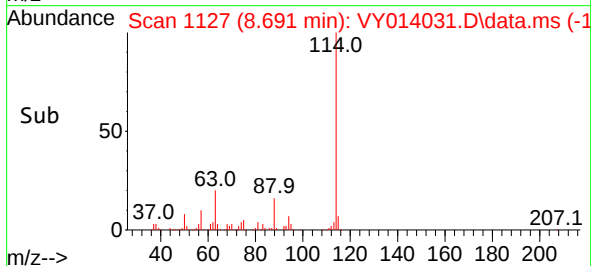
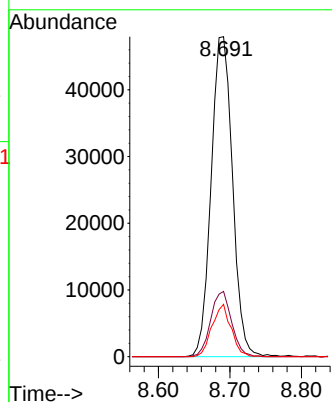
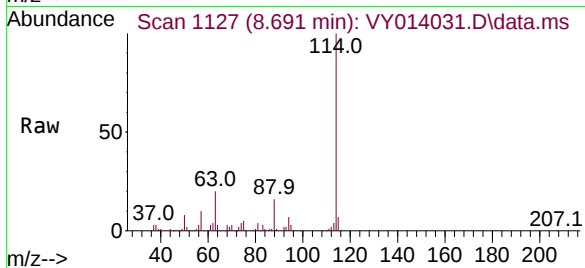
Tgt Ion:114 Resp: 99593

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.174 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014031.D

Acq: 06 Jun 2023 15:25

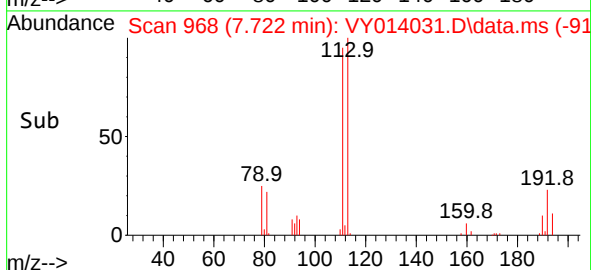
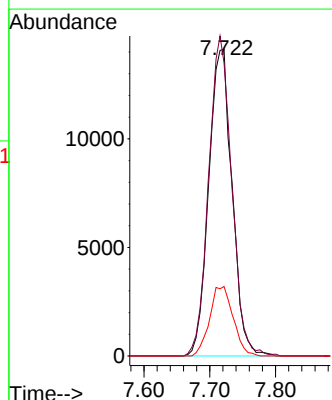
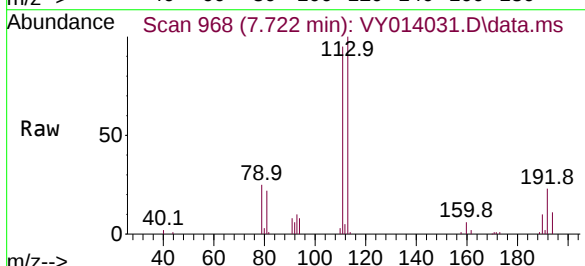
Tgt Ion:113 Resp: 34921

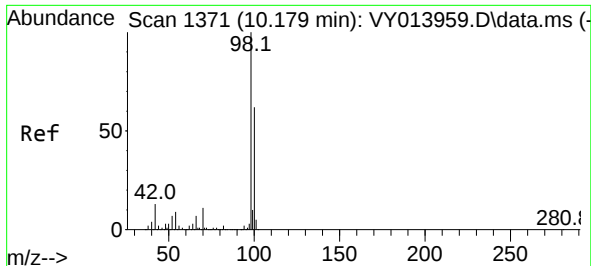
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 22.8 16.9 25.3

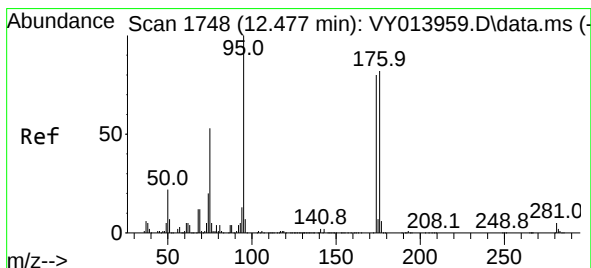
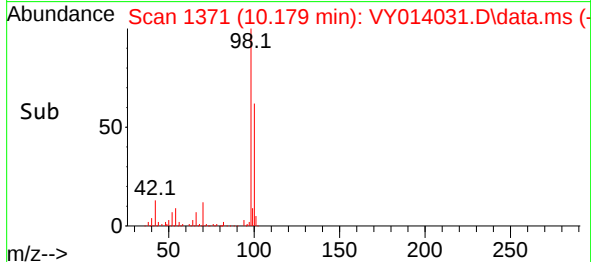
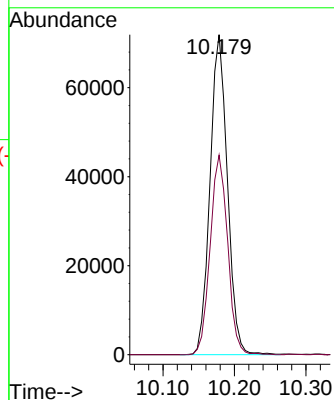
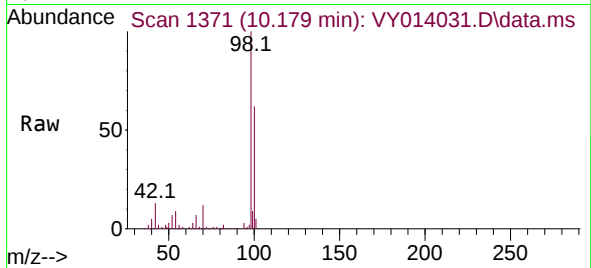




#50
Toluene-d8
Concen: 50.200 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

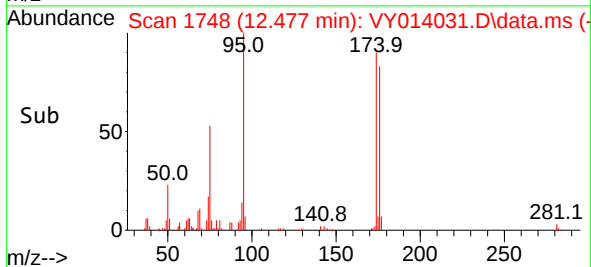
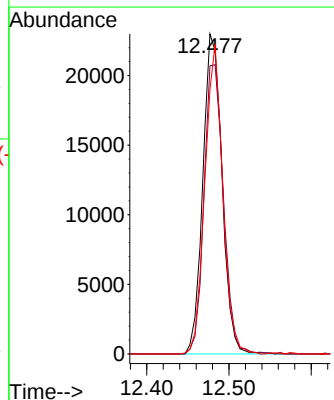
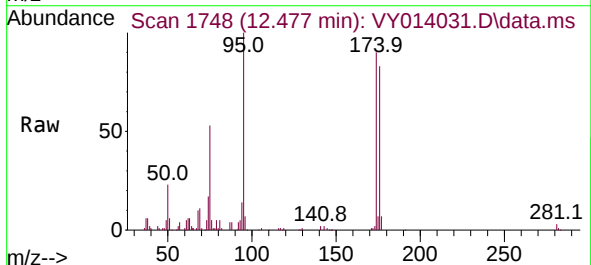
Instrument :
MSVOA_Y
ClientSampleId :
SB31B

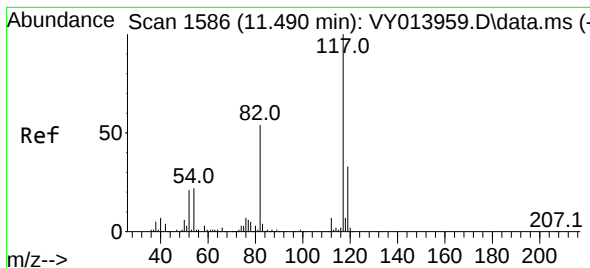
Tgt Ion: 98 Resp: 121195
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 95 Resp: 37204
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 90.6 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: VY014031.D

Acq: 06 Jun 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

SB31B

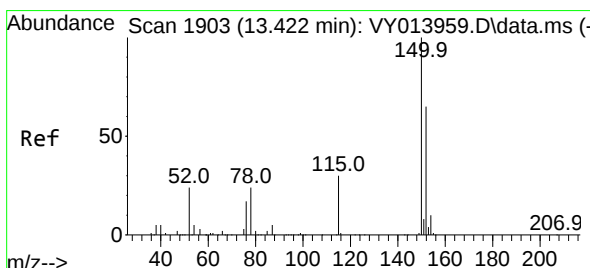
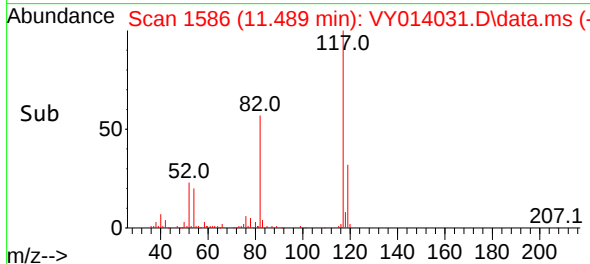
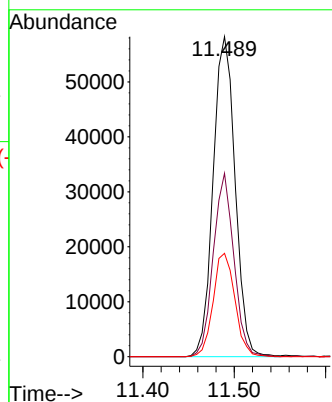
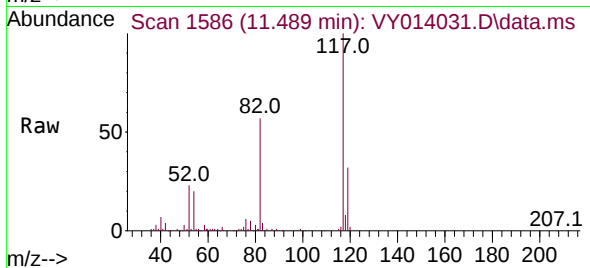
Tgt Ion:117 Resp: 97415

Ion Ratio Lower Upper

117 100

82 57.3 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014031.D

Acq: 06 Jun 2023 15:25

Tgt Ion:152 Resp: 41406

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 157.1 0.0 348.8

