

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
 Data File : VY014017.D
 Acq On : 05 Jun 2023 19:03
 Operator : KP/MD
 Sample : 02976-01
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jun 06 03:59:29 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	7.795	168	154808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110640	53.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.980%
35) Dibromofluoromethane	7.716	113	92894	54.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.179	98	336195	51.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.483	95	117985	53.034	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.060%

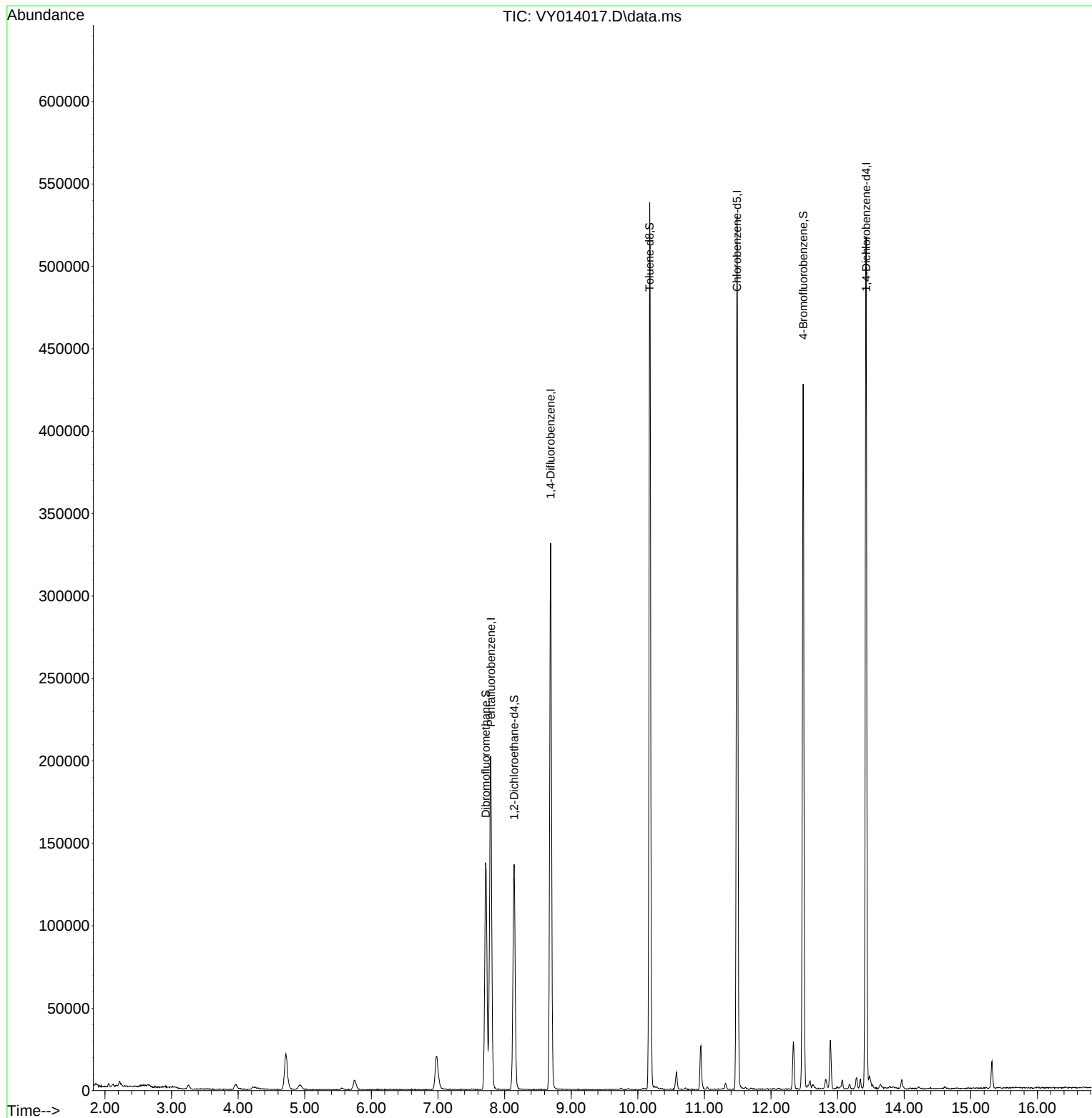
Target Compounds	Qvalue

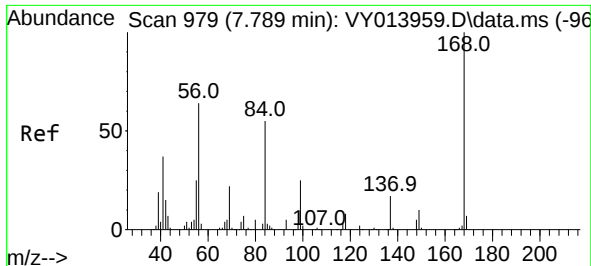
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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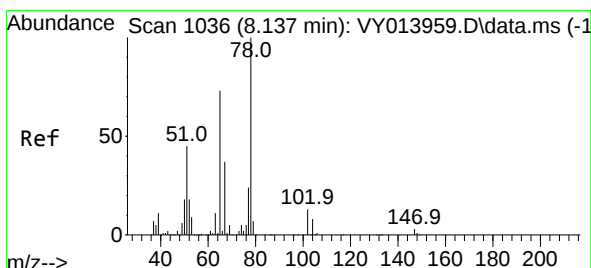
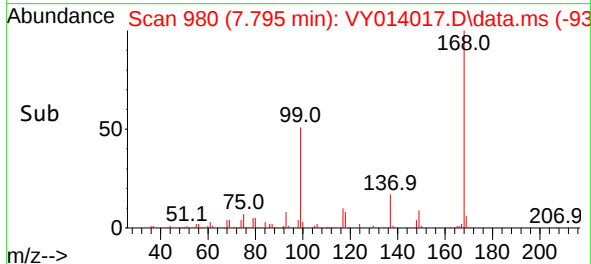
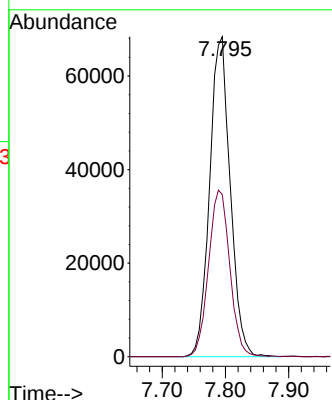
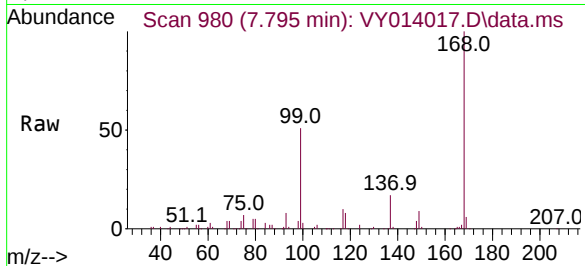




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014017.D
Acq: 05 Jun 2023 19:03

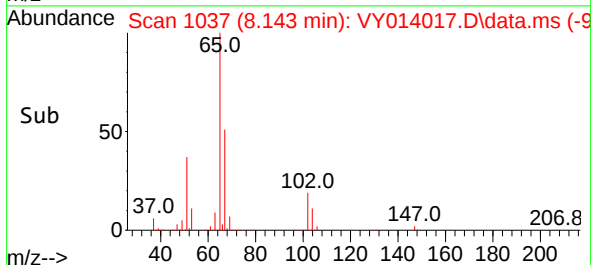
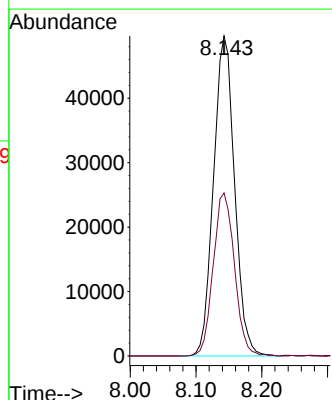
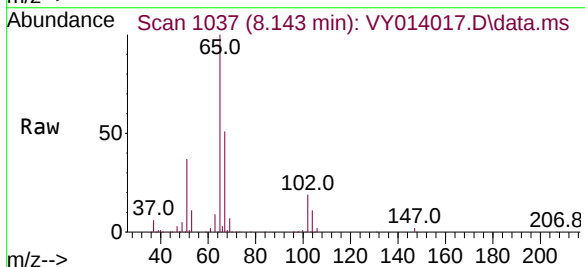
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

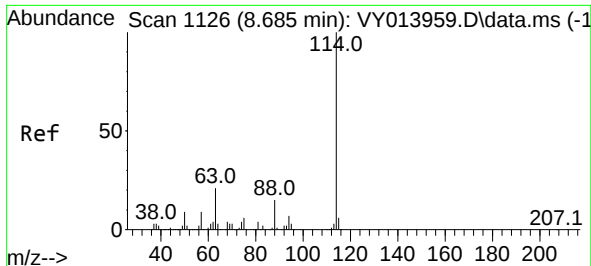
Tgt Ion:168 Resp: 154808
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.989 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014017.D
Acq: 05 Jun 2023 19:03

Tgt Ion: 65 Resp: 110640
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

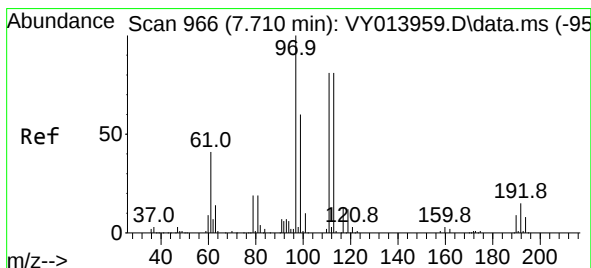
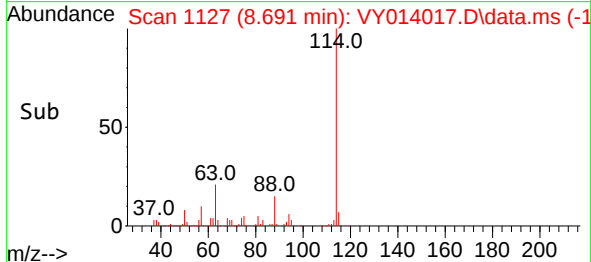
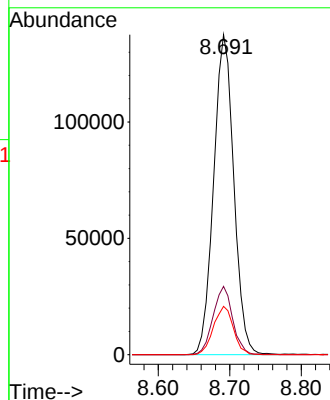
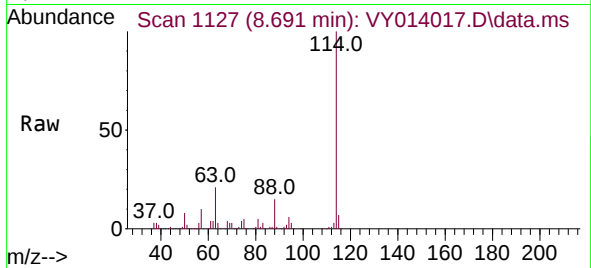




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014017.D
Acq: 05 Jun 2023 19:03

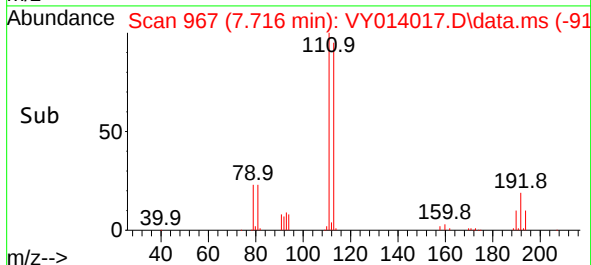
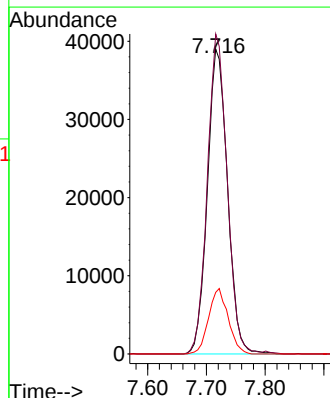
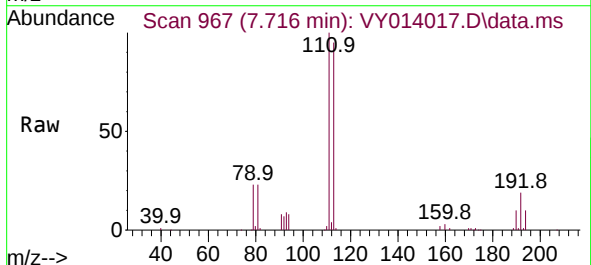
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

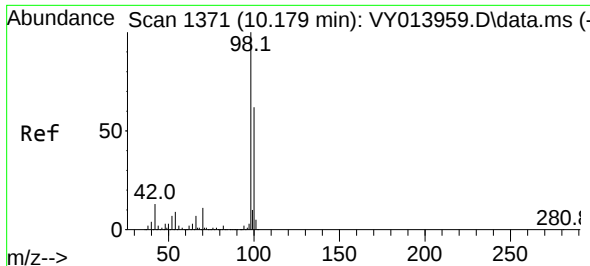
Tgt Ion:114	Resp:	269194
Ion	Ratio	Lower Upper
114	100	
63	21.3	0.0 42.4
88	15.1	0.0 30.6



#35
Dibromofluoromethane
Concen: 54.300 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014017.D
Acq: 05 Jun 2023 19:03

Tgt Ion:113	Resp:	92894
Ion	Ratio	Lower Upper
113	100	
111	103.0	81.3 121.9
192	20.9	16.9 25.3

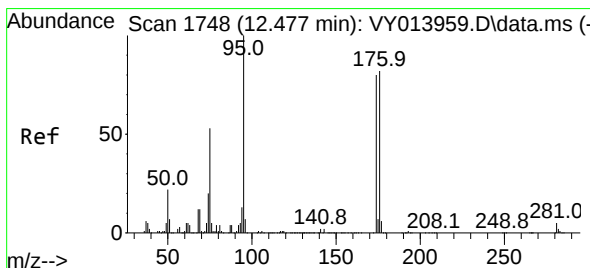
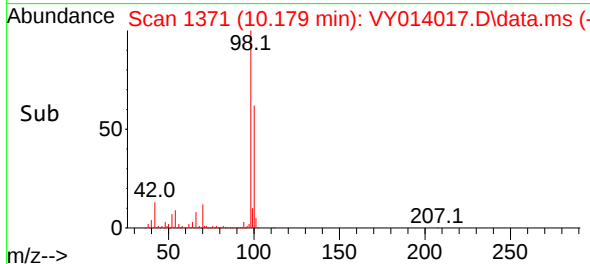
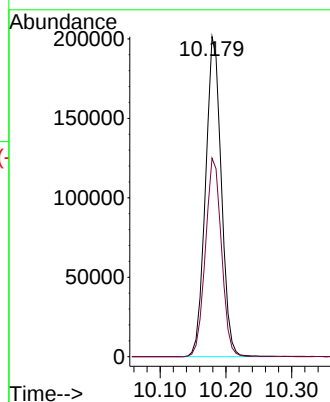
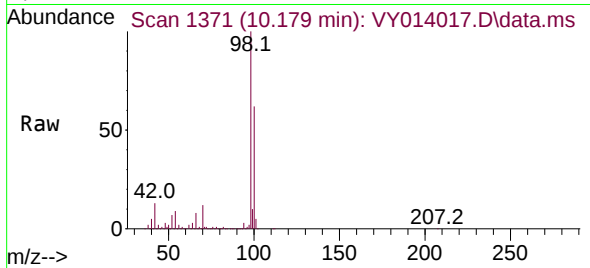




#50
Toluene-d8
Concen: 51.520 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014017.D
Acq: 05 Jun 2023 19:03

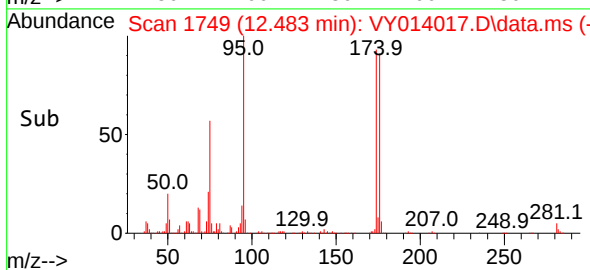
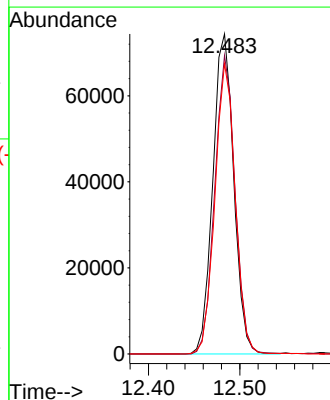
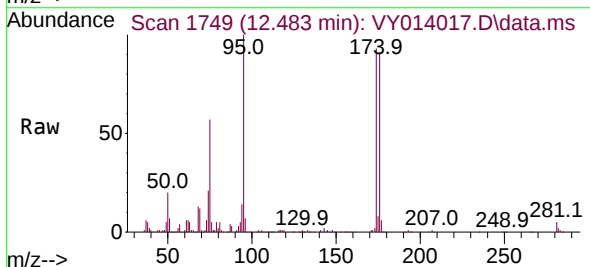
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

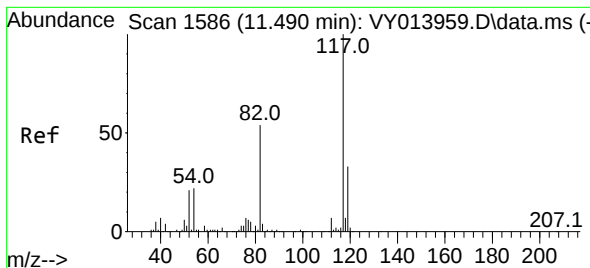
Tgt Ion: 98 Resp: 336195
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.034 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014017.D
Acq: 05 Jun 2023 19:03

Tgt Ion: 95 Resp: 117985
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 88.0 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: VY014017.D

Acq: 05 Jun 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

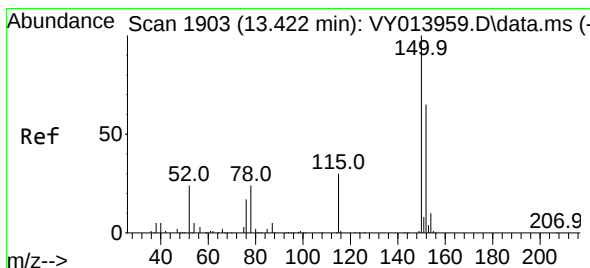
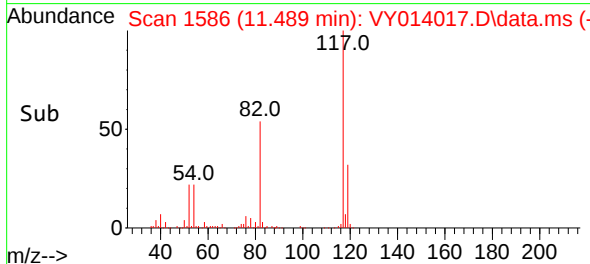
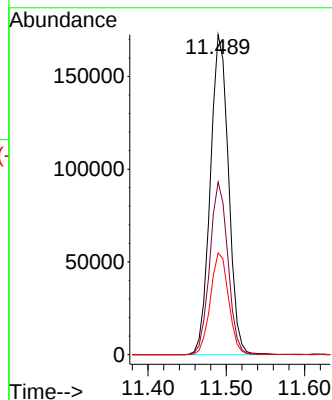
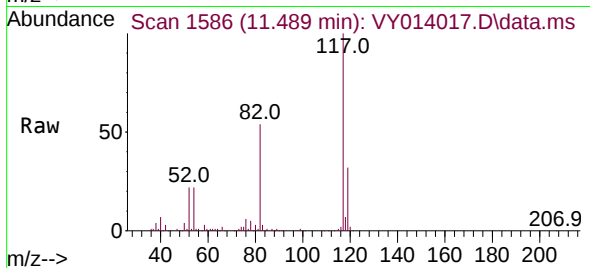
Tgt Ion:117 Resp: 278263

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 31.8 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: VY014017.D

Acq: 05 Jun 2023 19:03

Tgt Ion:152 Resp: 131990

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 155.6 0.0 348.8

