

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014033.D
 Acq On : 06 Jun 2023 16:12
 Operator : KP/MD
 Sample : 03029-10
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Jun 07 01:39:41 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	82806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	131090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55836	50.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.880%
35) Dibromofluoromethane	7.710	113	45396	54.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.980%
50) Toluene-d8	10.179	98	166539	52.408	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.477	95	51157	47.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.440%

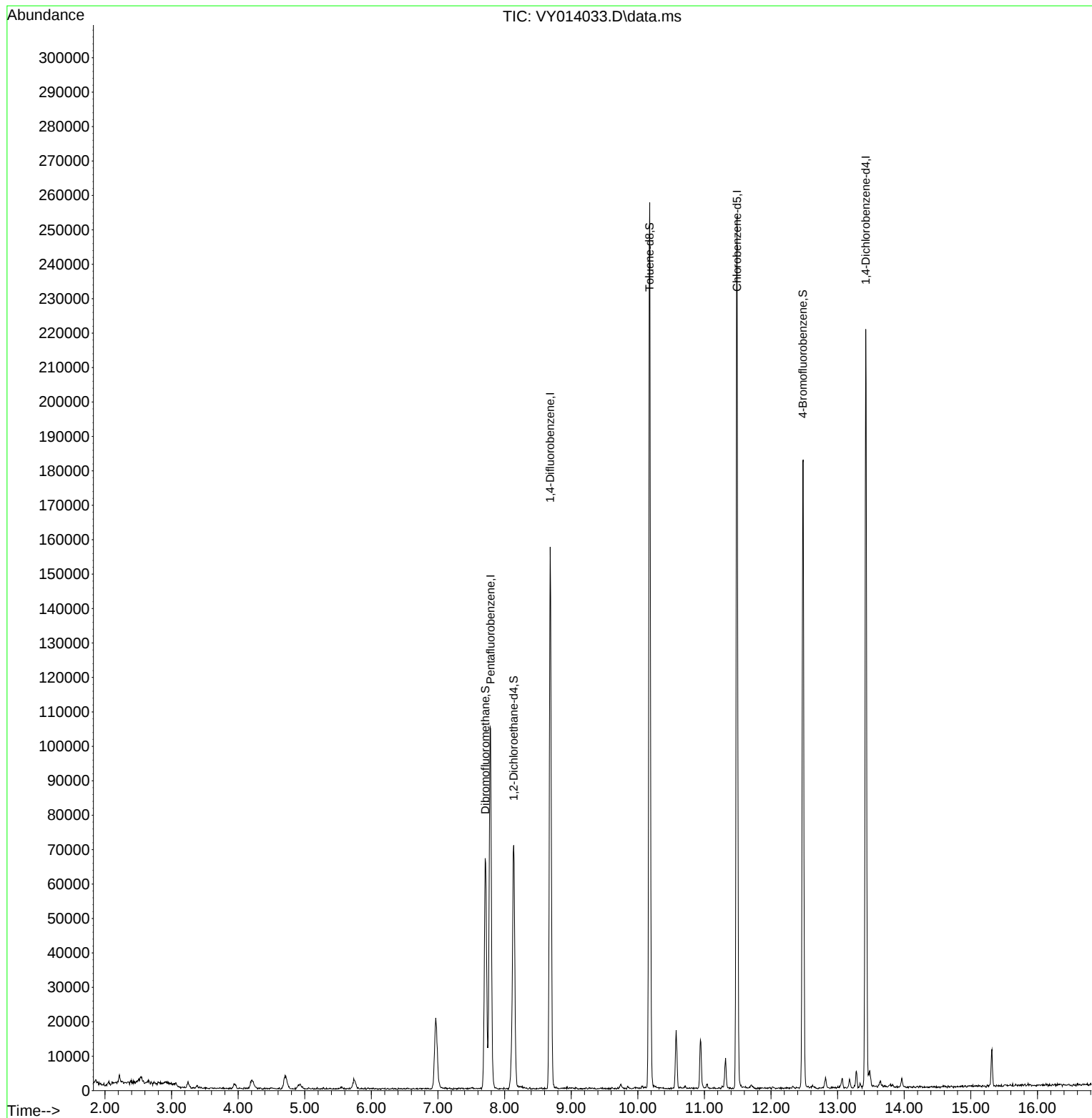
Target Compounds	Qvalue

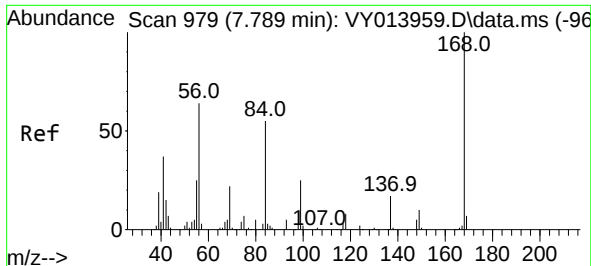
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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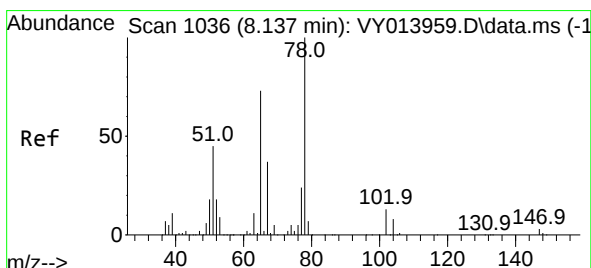
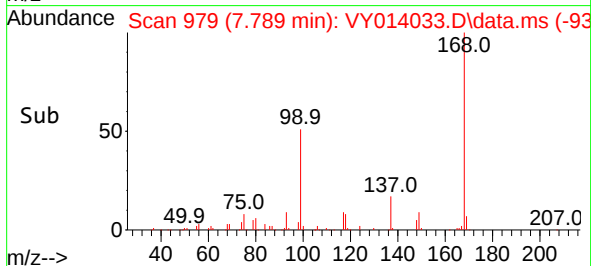
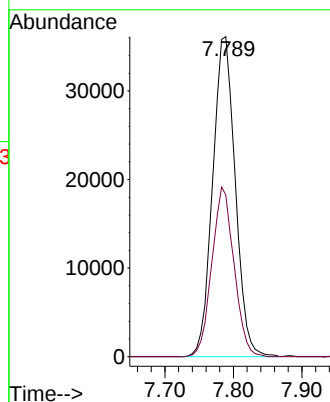
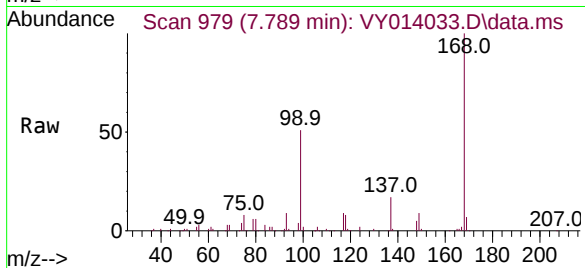




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014033.D
Acq: 06 Jun 2023 16:12

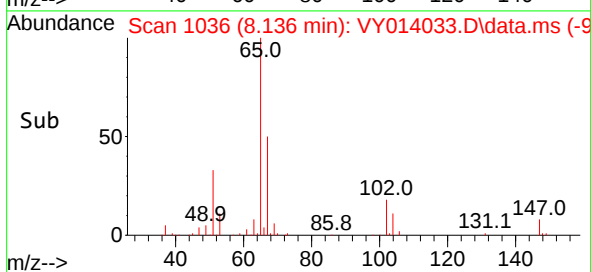
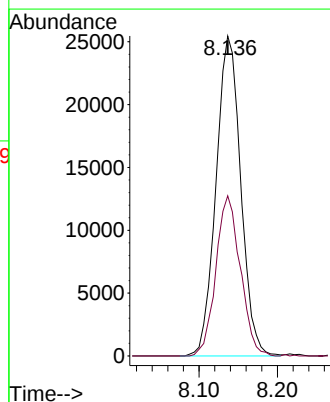
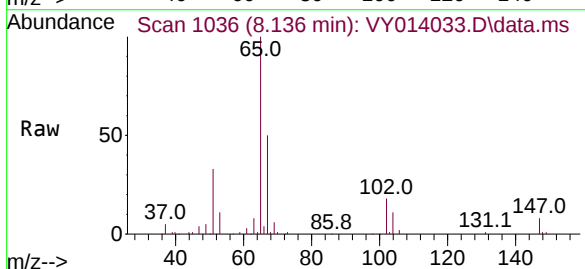
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

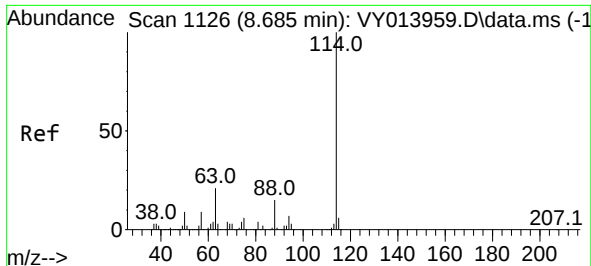
Tgt Ion:168 Resp: 82806
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.938 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014033.D
Acq: 06 Jun 2023 16:12

Tgt Ion: 65 Resp: 55836
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

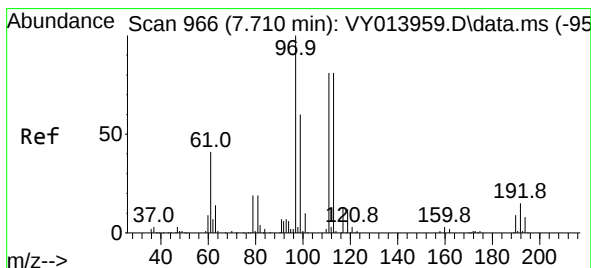
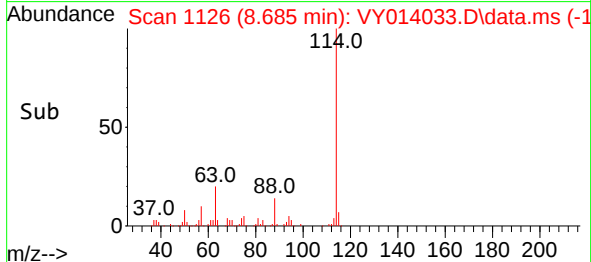
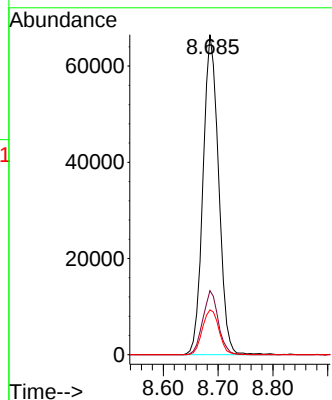
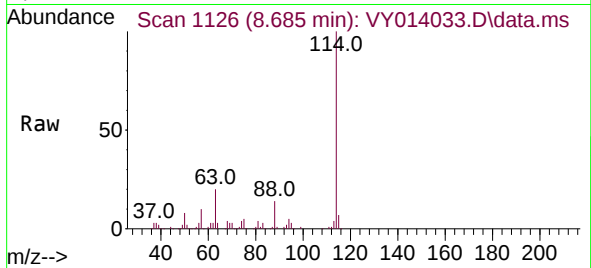




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014033.D
Acq: 06 Jun 2023 16:12

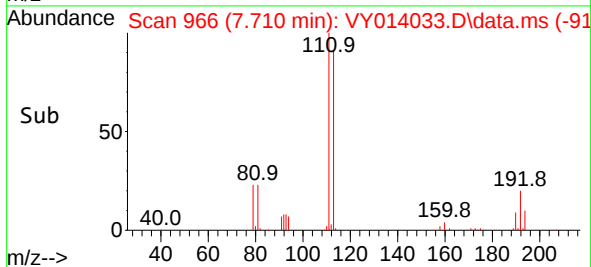
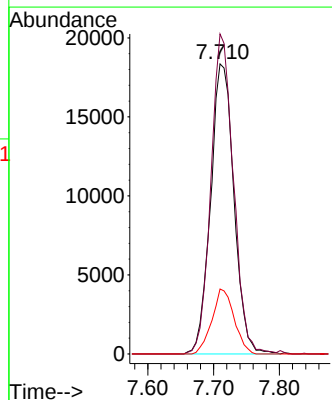
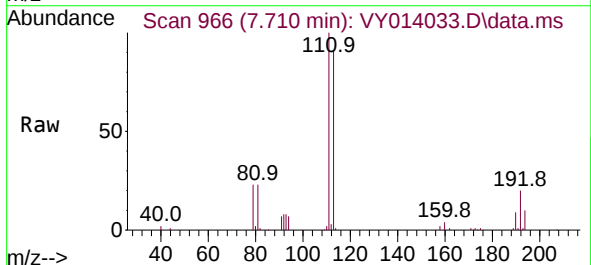
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

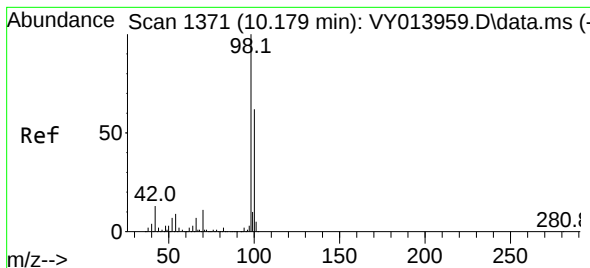
Tgt Ion:	114	Resp:	131090
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.4
88	14.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.491 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY014033.D
Acq: 06 Jun 2023 16:12

Tgt Ion:	113	Resp:	45396
Ion	Ratio	Lower	Upper
113	100		
111	106.2	81.3	121.9
192	21.3	16.9	25.3





#50

Toluene-d8

Concen: 52.408 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014033.D

Acq: 06 Jun 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

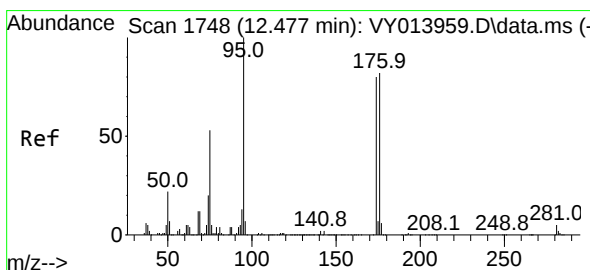
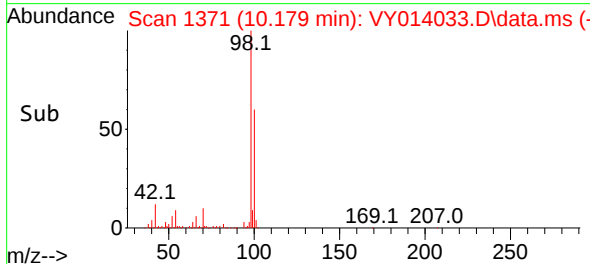
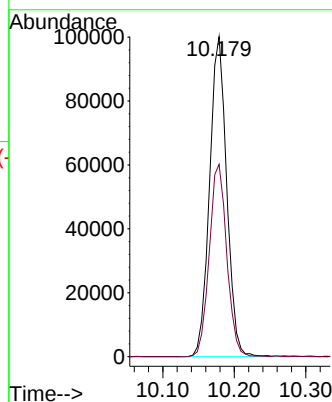
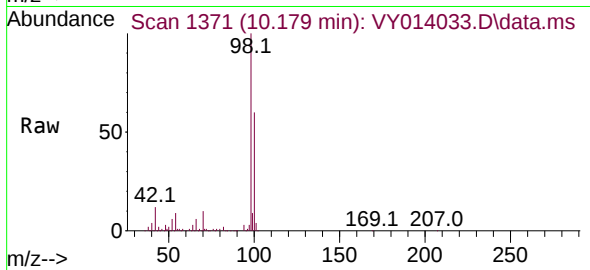
TP-9

Tgt Ion: 98 Resp: 166539

Ion Ratio Lower Upper

98 100

100 61.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.221 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY014033.D

Acq: 06 Jun 2023 16:12

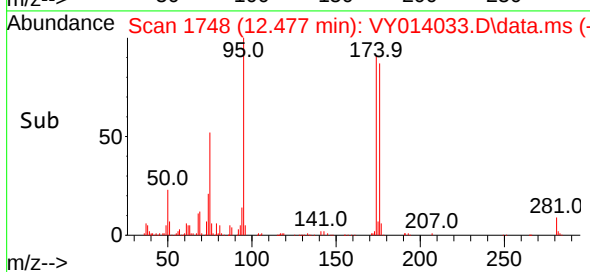
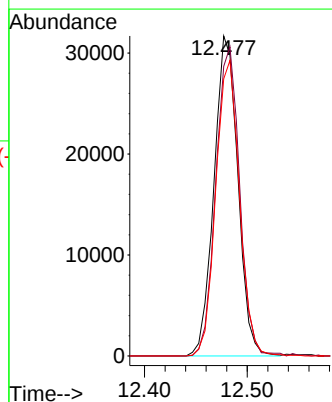
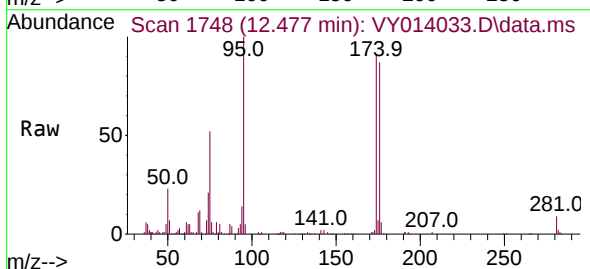
Tgt Ion: 95 Resp: 51157

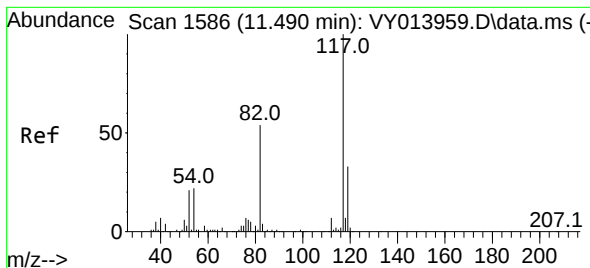
Ion Ratio Lower Upper

95 100

174 96.0 0.0 178.2

176 91.4 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: VY014033.D

Acq: 06 Jun 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

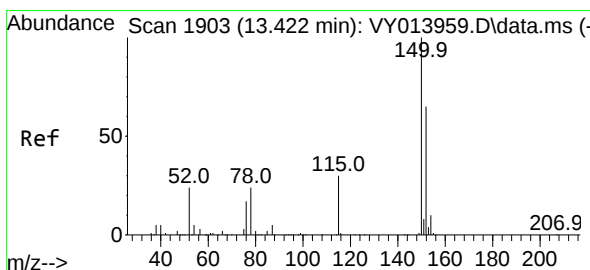
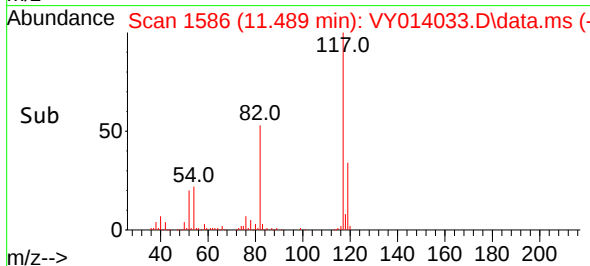
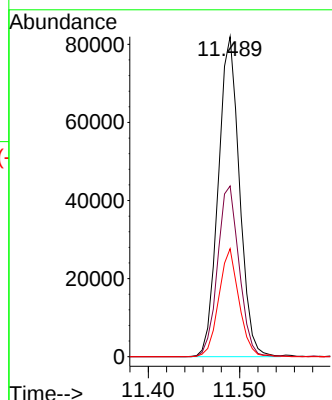
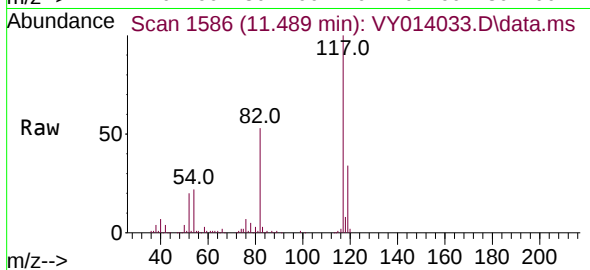
Tgt Ion:117 Resp: 132367

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 33.8 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: VY014033.D

Acq: 06 Jun 2023 16:12

Tgt Ion:152 Resp: 57651

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 157.4 0.0 348.8

