

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014539.D
 Acq On : 03 Jul 2023 16:44
 Operator : KP/MD
 Sample : 03393-02
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SF-9

Quant Time: Jul 04 03:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	291473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	458346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	433059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	152469	52.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.709	113	144129	51.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.120%
50) Toluene-d8	10.172	98	540790	48.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.477	95	176471	45.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.100%

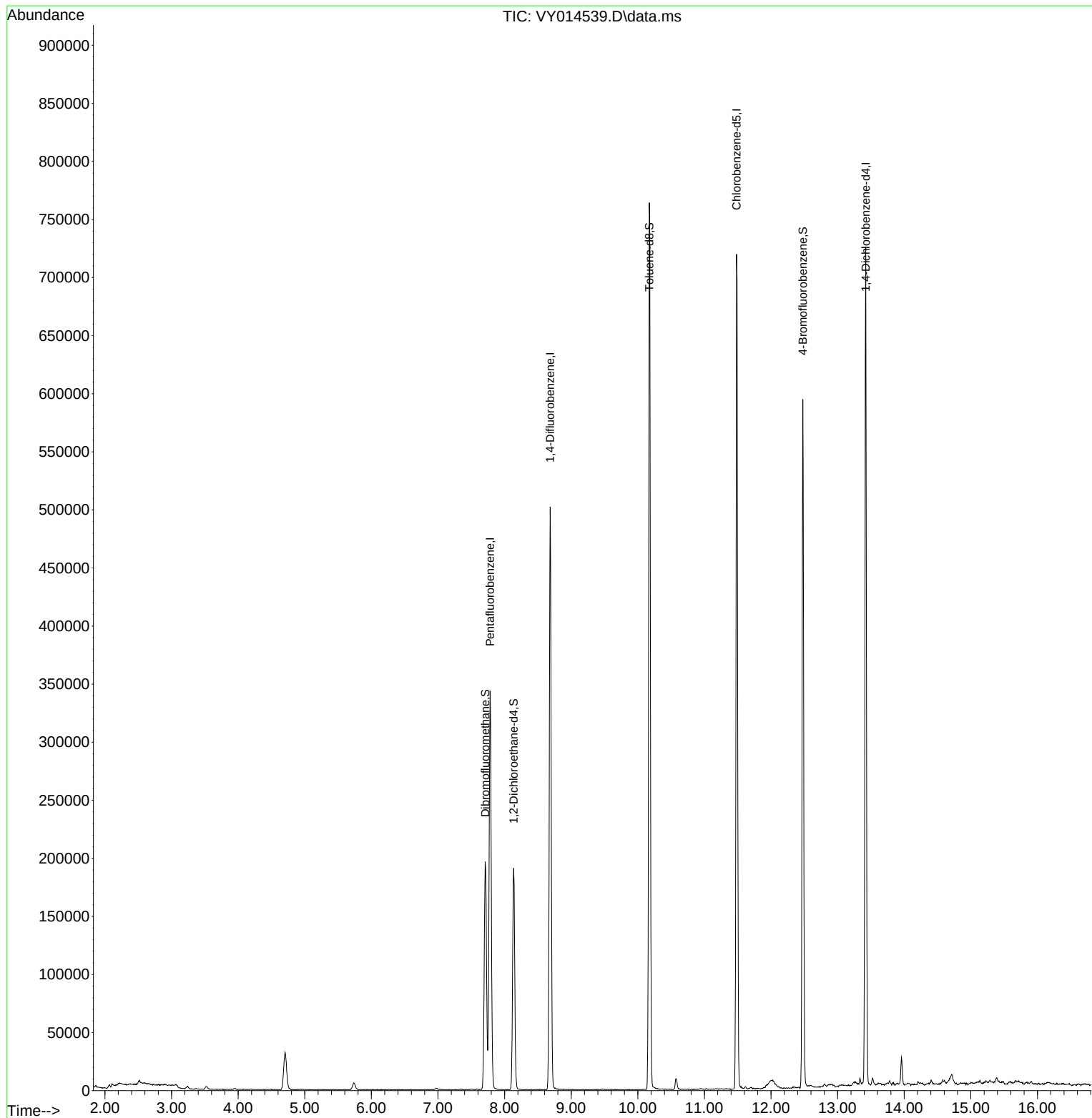
Target Compounds	Qvalue

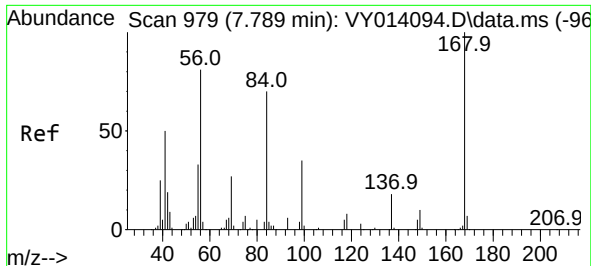
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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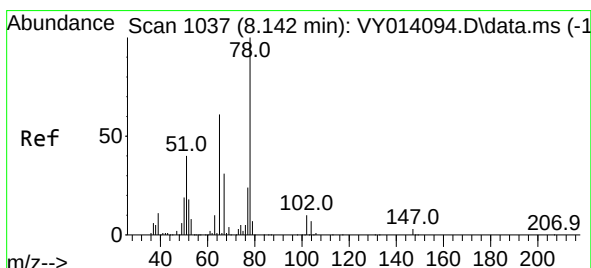
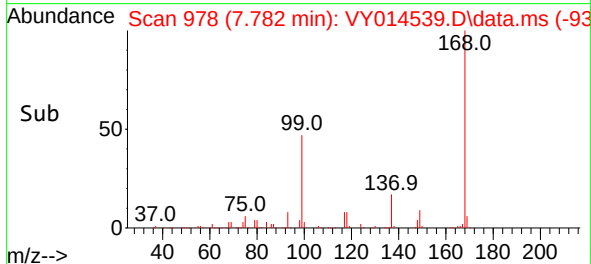
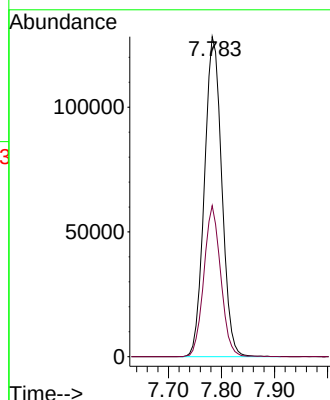
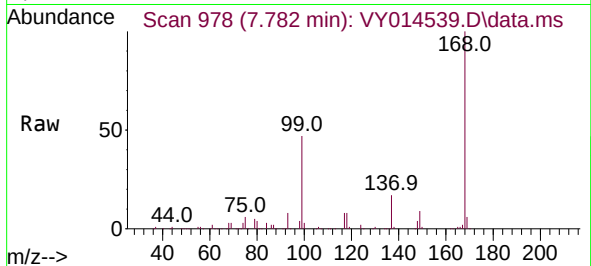




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

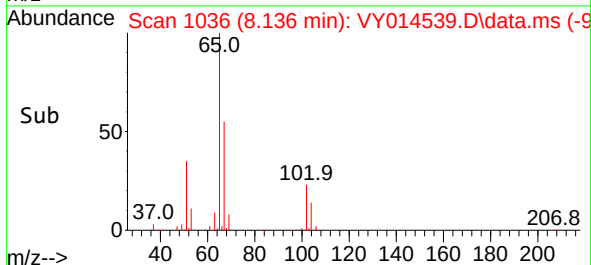
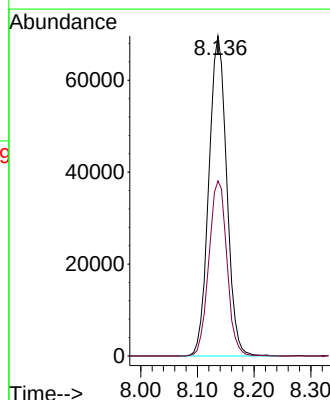
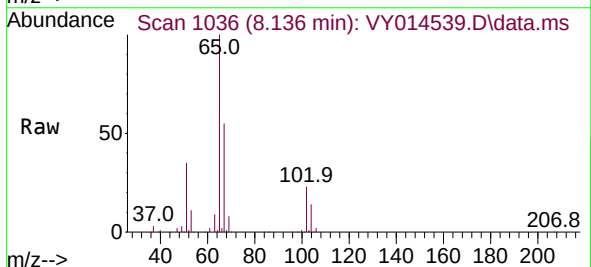
Instrument :
MSVOA_Y
ClientSampleId :
SF-9

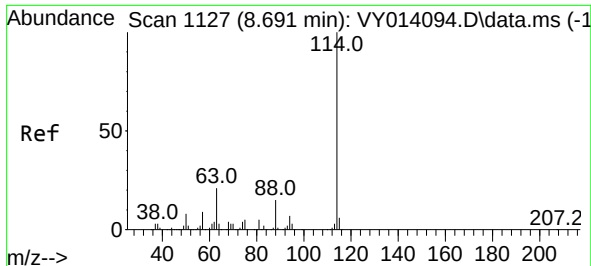
Tgt Ion:168 Resp: 291473
Ion Ratio Lower Upper
168 100
99 47.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.584 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Tgt Ion: 65 Resp: 152469
Ion Ratio Lower Upper
65 100
67 55.2 0.0 101.8

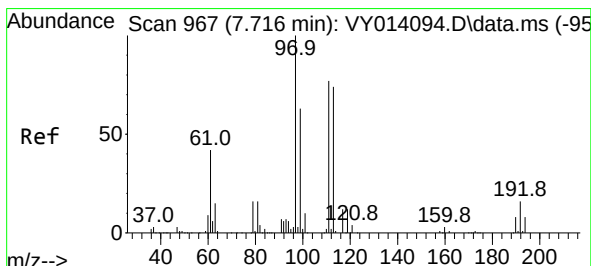
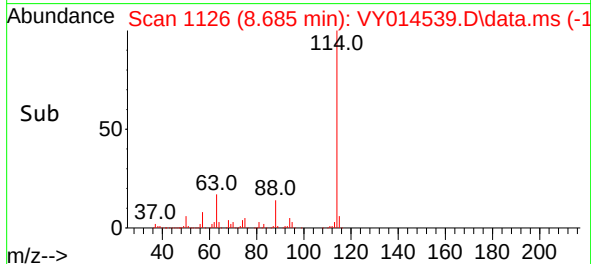
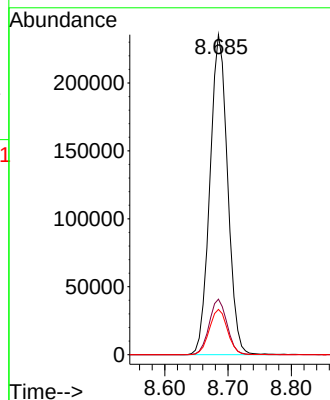
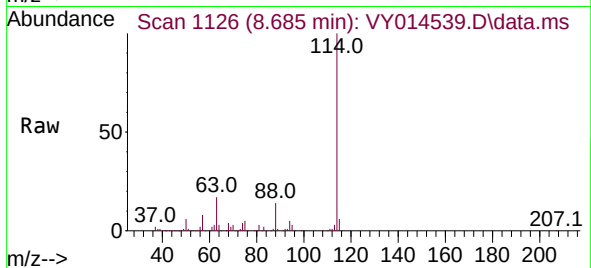




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

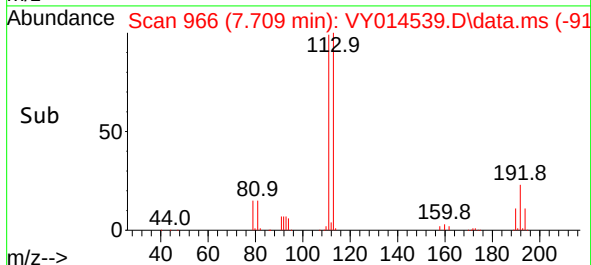
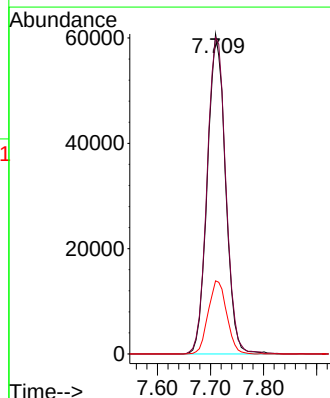
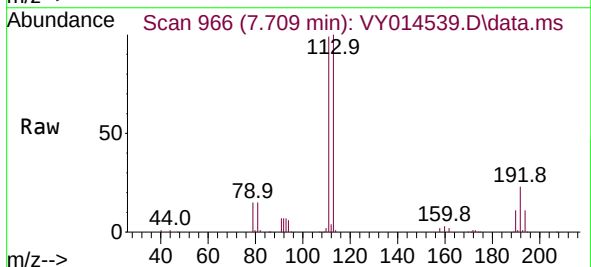
Instrument :
MSVOA_Y
ClientSampleId :
SF-9

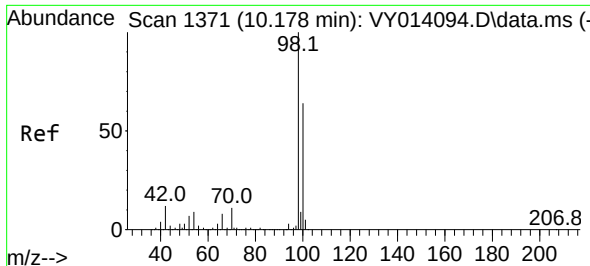
Tgt Ion:	114	Resp:	458346
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	42.4
88	14.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.064 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Tgt Ion:	113	Resp:	144129
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	23.3	16.9	25.3

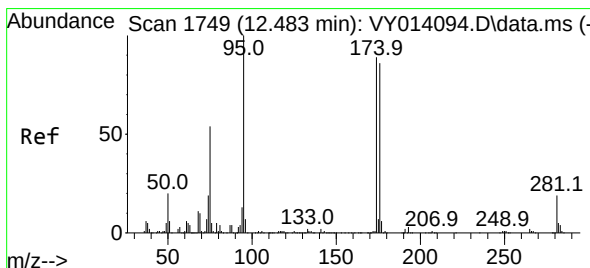
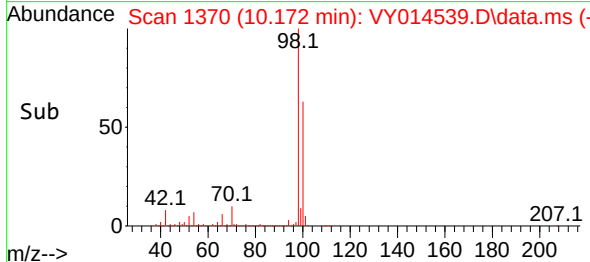
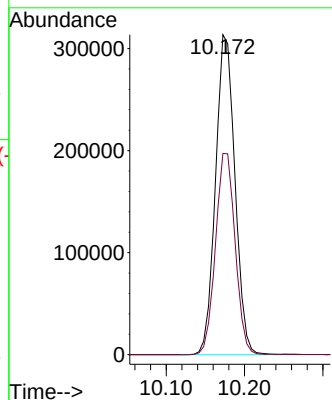
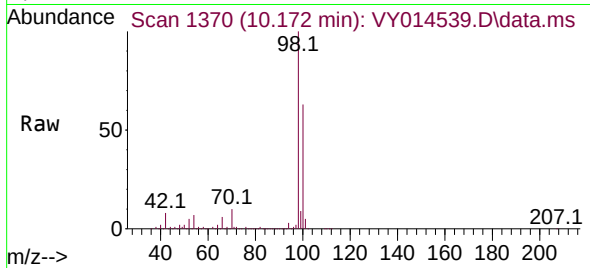




#50
Toluene-d8
Concen: 48.468 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

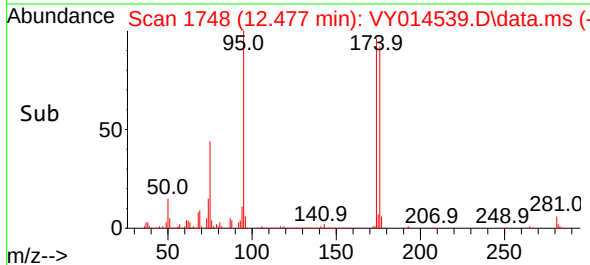
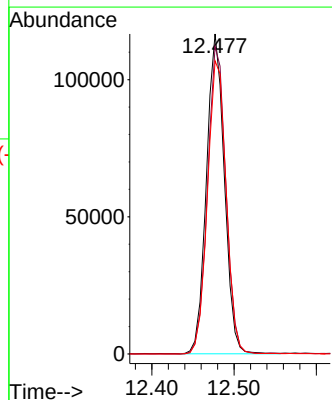
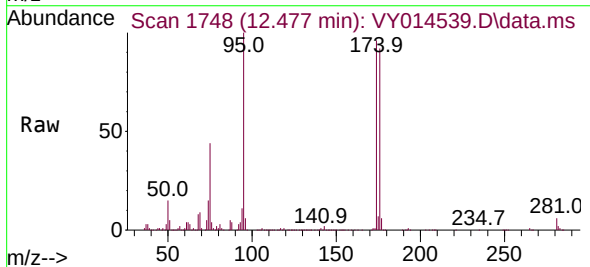
Instrument :
MSVOA_Y
ClientSampleId :
SF-9

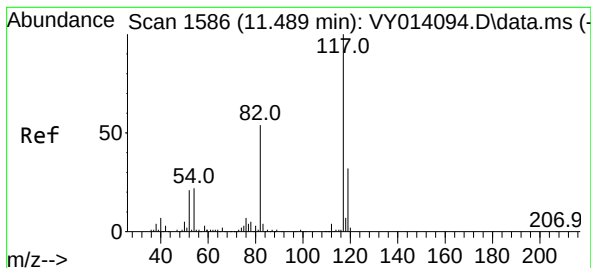
Tgt Ion: 98 Resp: 540790
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.547 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014539.D
Acq: 03 Jul 2023 16:44

Tgt Ion: 95 Resp: 176471
Ion Ratio Lower Upper
95 100
174 98.5 0.0 178.2
176 95.5 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: VY014539.D

Acq: 03 Jul 2023 16:44

Instrument :

MSVOA_Y

ClientSampleId :

SF-9

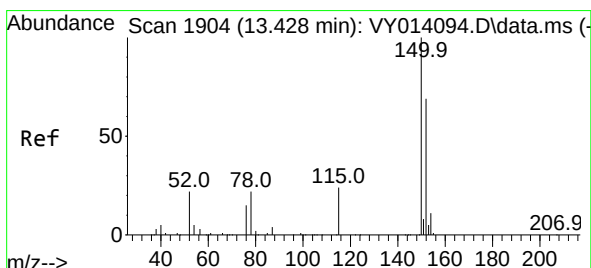
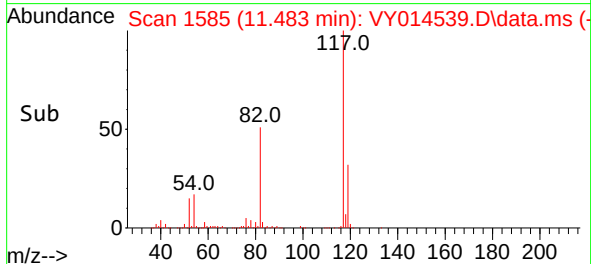
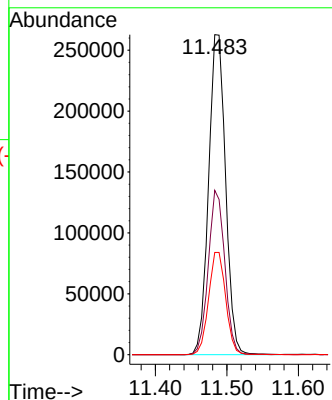
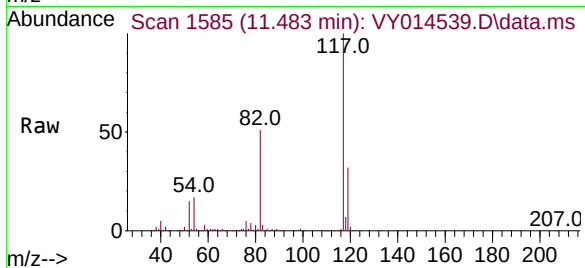
Tgt Ion:117 Resp: 433059

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014539.D

Acq: 03 Jul 2023 16:44

Tgt Ion:152 Resp: 201668

Ion Ratio Lower Upper

152 100

115 54.6 28.8 86.5

150 156.3 0.0 348.8

