

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014536.D
 Acq On : 03 Jul 2023 15:32
 Operator : KP/MD
 Sample : 03510-09
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-07-G

Quant Time: Jul 04 03:01:50 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	7.783	168	275668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	428897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	382749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143092	52.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.360%
35) Dibromofluoromethane	7.710	113	134523	50.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.179	98	497826	47.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.477	95	145918	40.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.500%

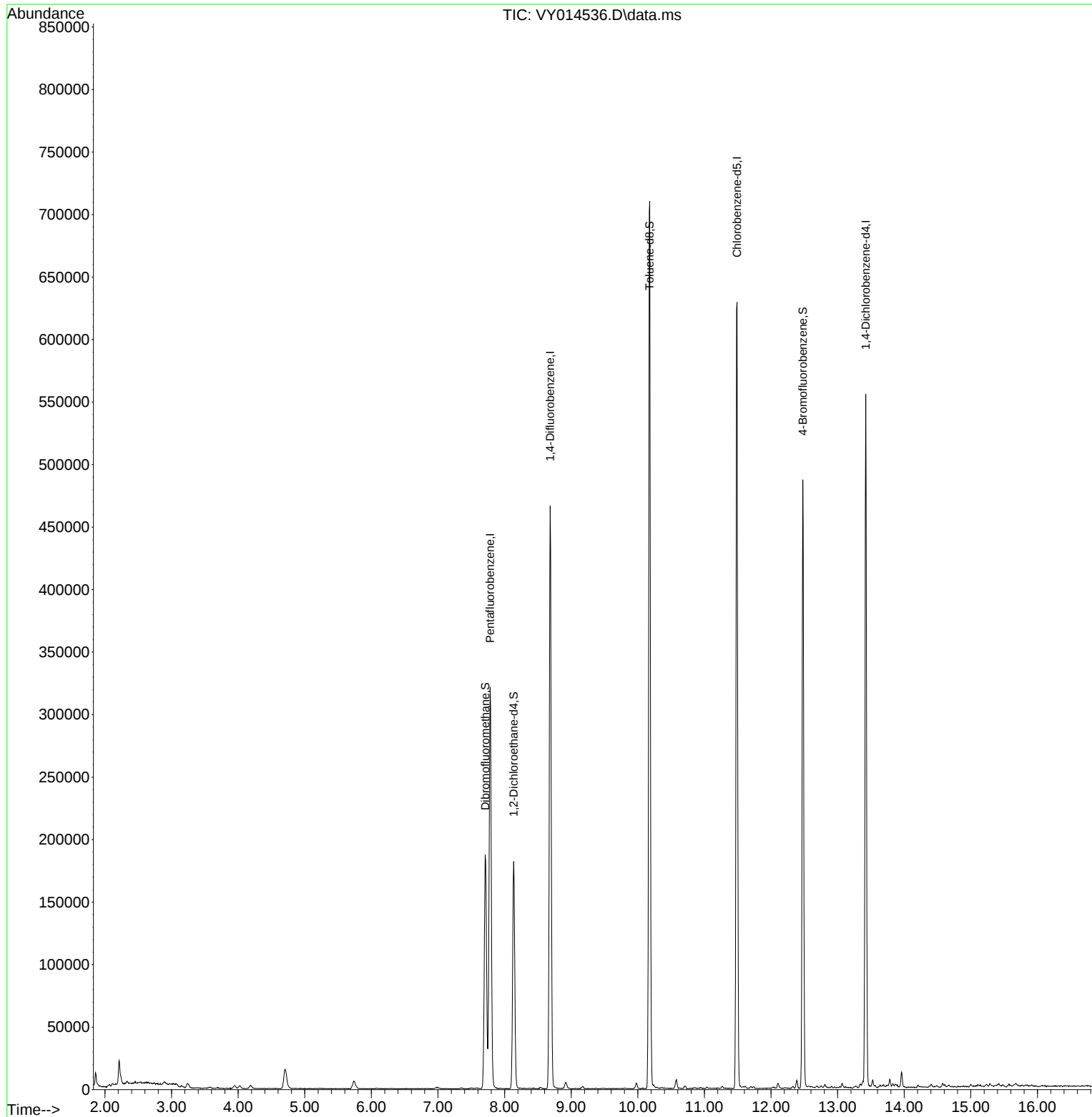
Target Compounds	Qvalue

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

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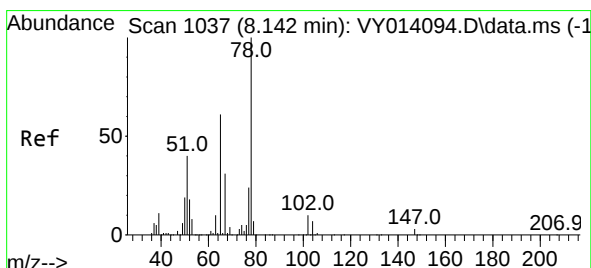
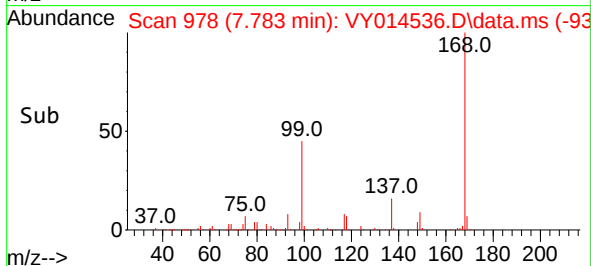
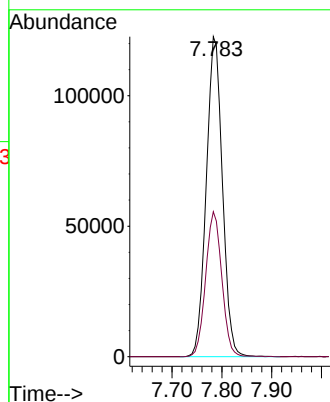
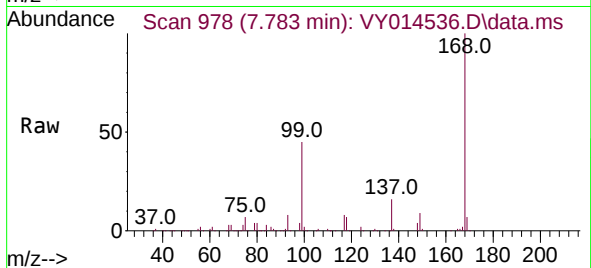




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

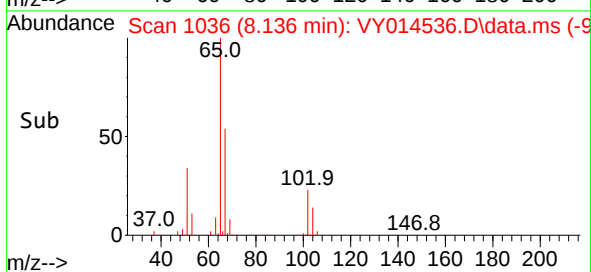
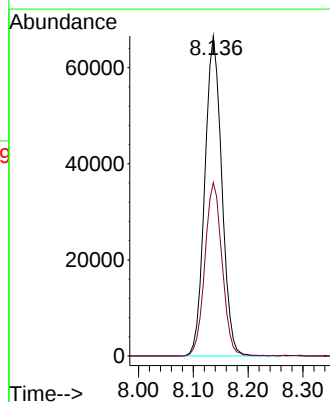
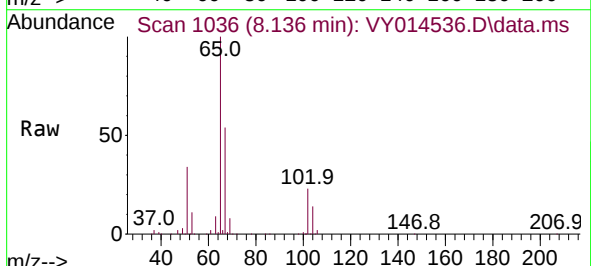
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-07-G

Tgt Ion:168 Resp: 275668
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.180 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion: 65 Resp: 143092
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8

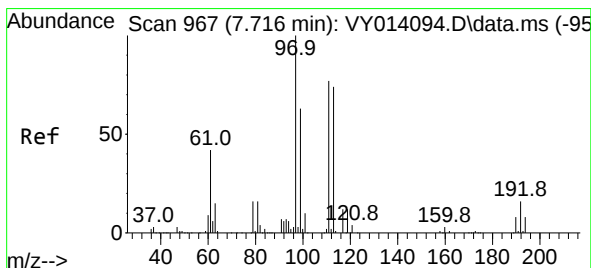
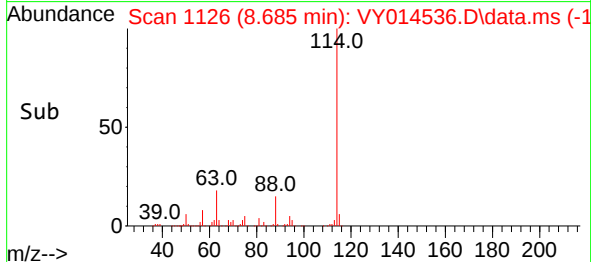
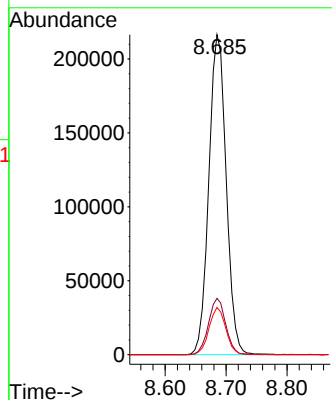
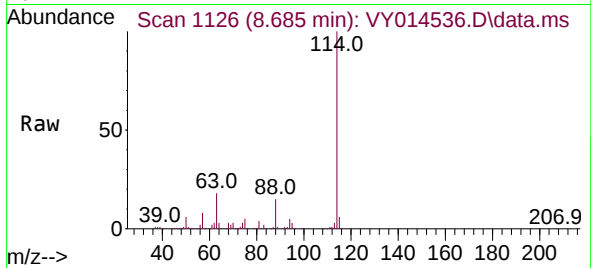




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

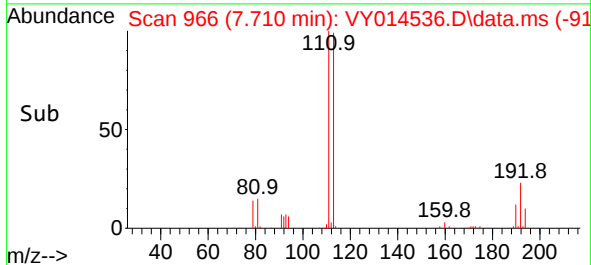
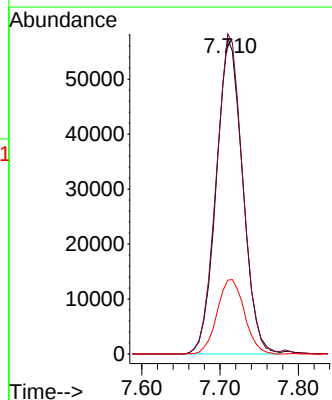
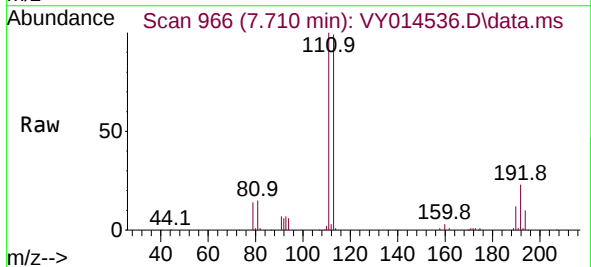
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-07-G

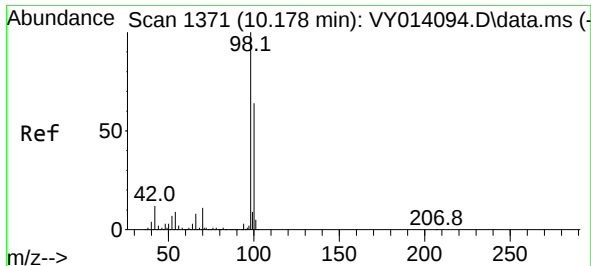
Tgt Ion:114 Resp: 428897
Ion Ratio Lower Upper
114 100
63 17.6 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.933 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion:113 Resp: 134523
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 24.3 16.9 25.3

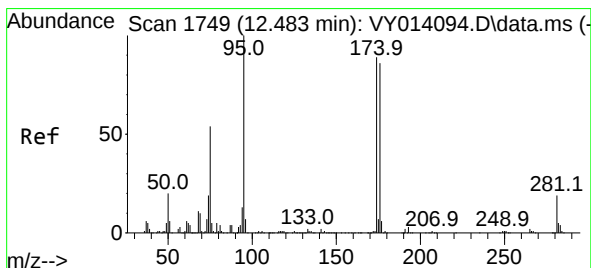
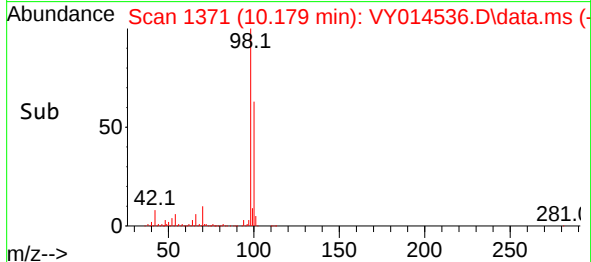
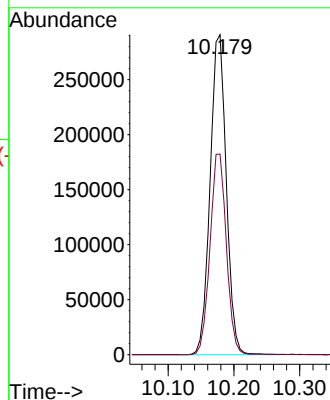
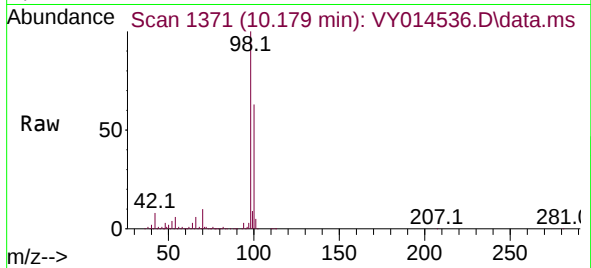




#50
Toluene-d8
Concen: 47.681 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

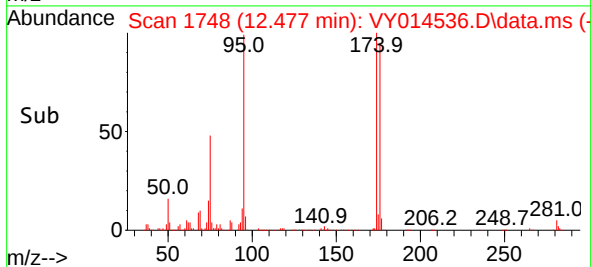
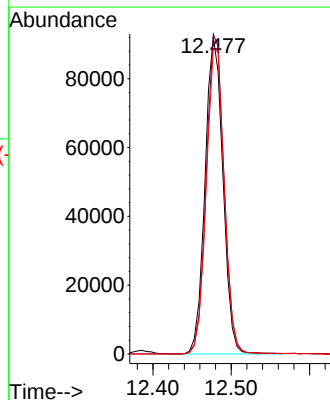
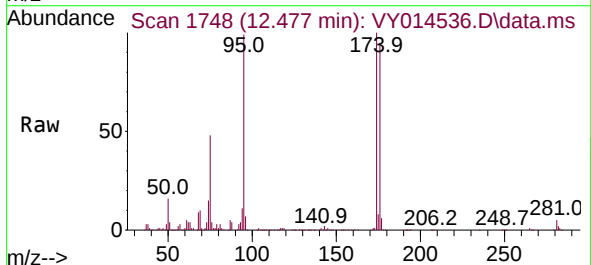
Instrument :
MSVOA_Y
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WC-WWS-07-G

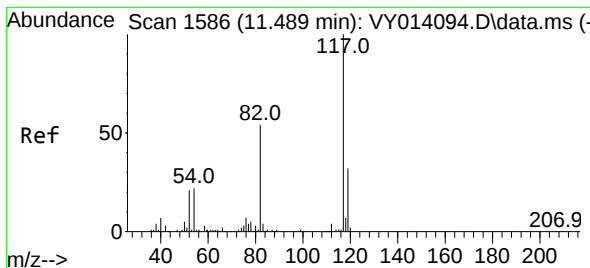
Tgt Ion: 98 Resp: 497826
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.248 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014536.D
Acq: 03 Jul 2023 15:32

Tgt Ion: 95 Resp: 145918
Ion Ratio Lower Upper
95 100
174 100.7 0.0 178.2
176 96.5 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: VY014536.D

Acq: 03 Jul 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-07-G

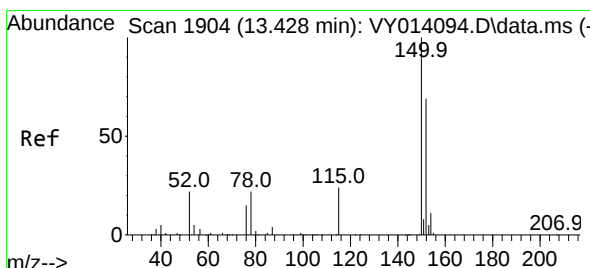
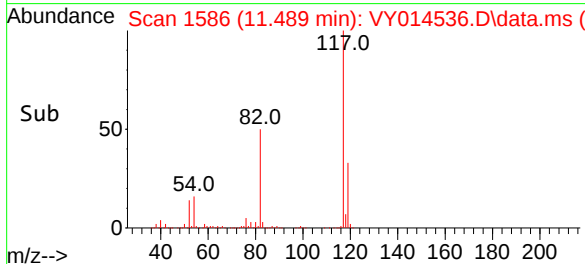
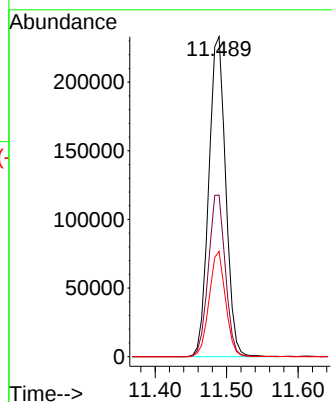
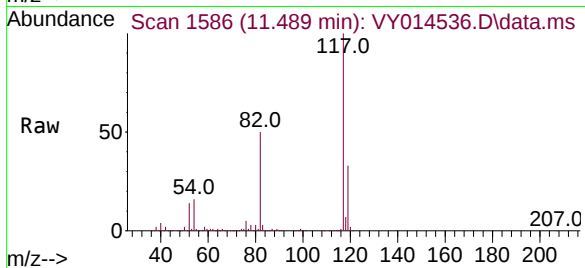
Tgt Ion:117 Resp: 382749

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.0

119 32.9 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: VY014536.D

Acq: 03 Jul 2023 15:32

Tgt Ion:152 Resp: 160137

Ion Ratio Lower Upper

152 100

115 52.8 28.8 86.5

150 155.4 0.0 348.8

