

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012525.D
 Acq On : 07 Feb 2023 17:47
 Operator : KP/MD
 Sample : 01445-05
 Misc : 7.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-29-020323

Quant Time: Feb 08 01:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	69679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	179110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80209	90.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.040%#
35) Dibromofluoromethane	7.716	113	56491	51.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.179	98	186120	40.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.980%
62) 4-Bromofluorobenzene	12.483	95	72459	45.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.500%

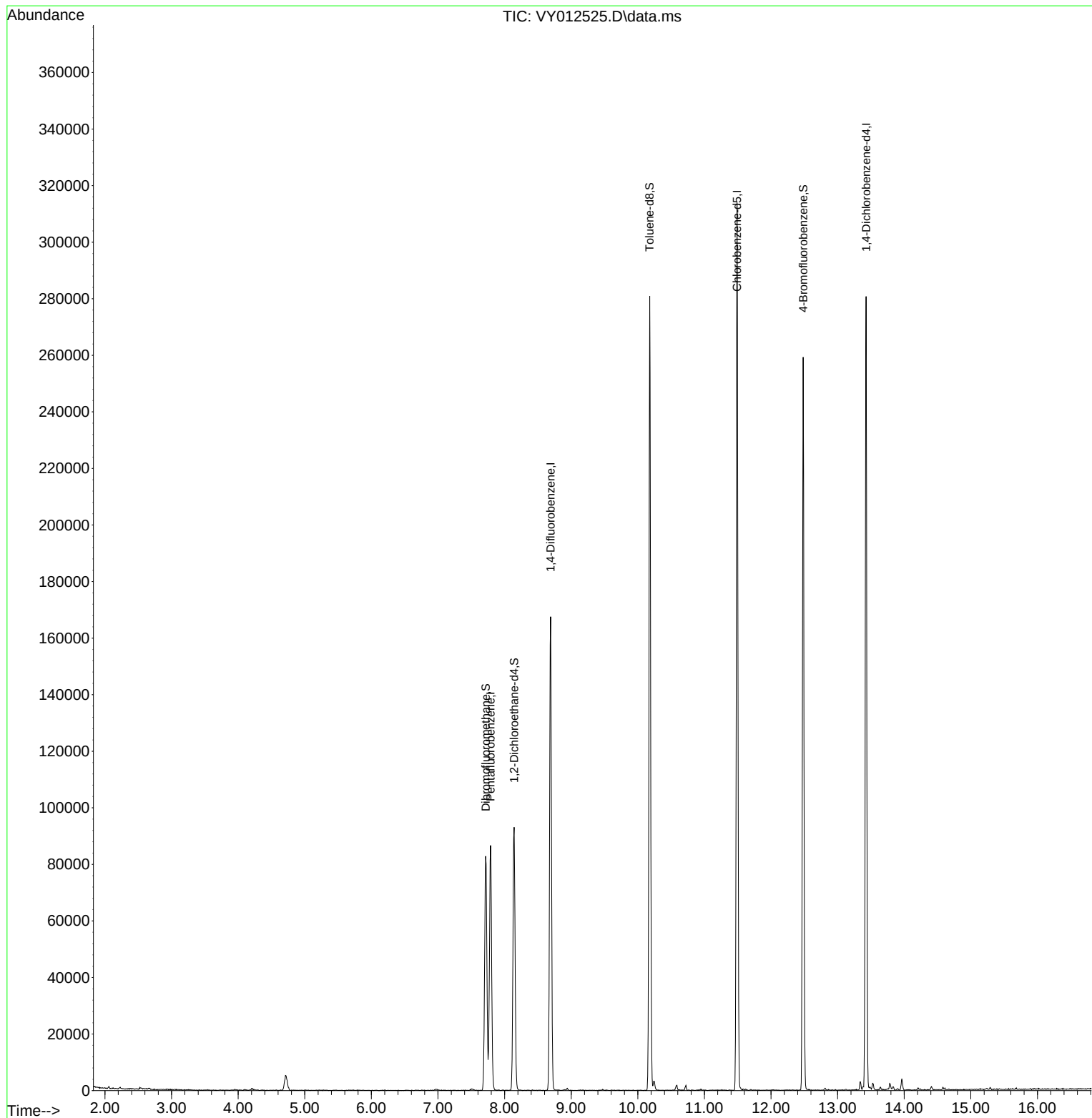
Target Compounds Qvalue

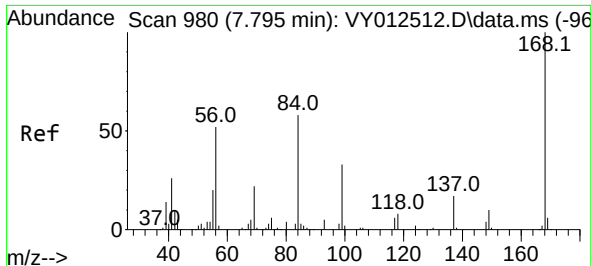
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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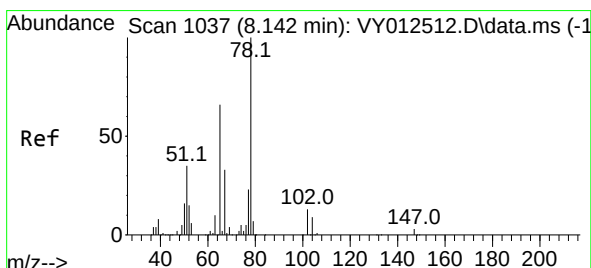
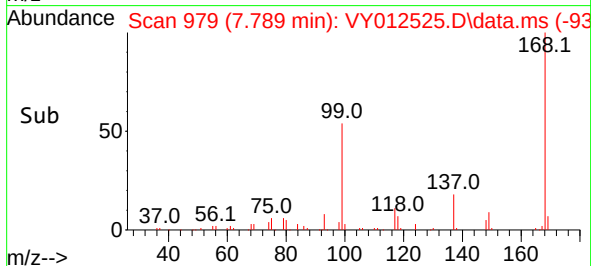
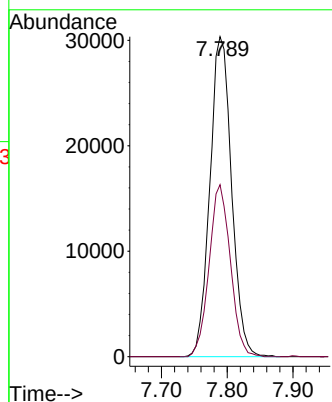
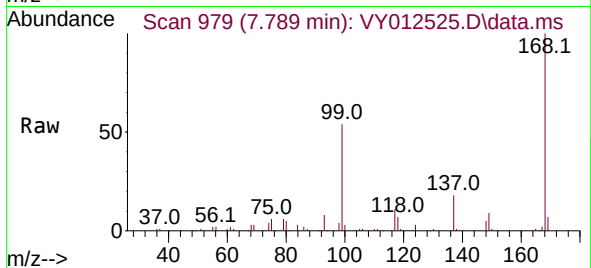




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

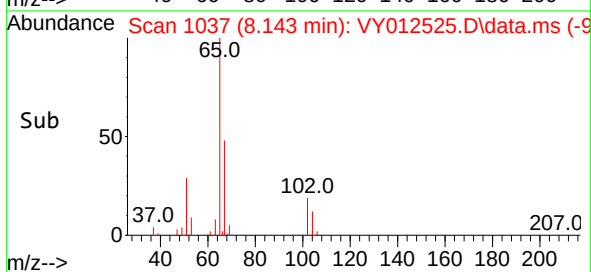
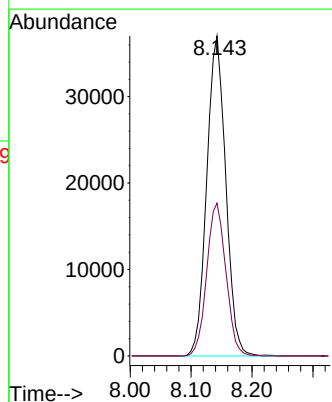
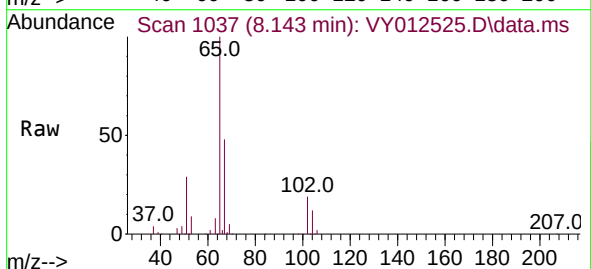
Instrument :
MSVOA_Y
ClientSampleId :
JPP-29-020323

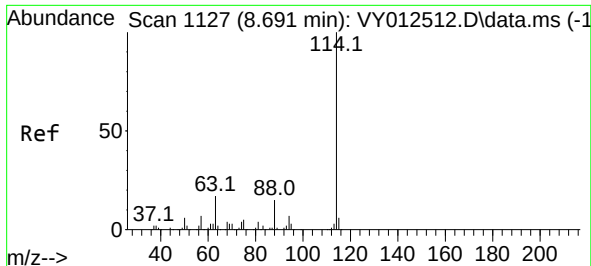
Tgt Ion:168 Resp: 69679
Ion Ratio Lower Upper
168 100
99 53.7 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 90.524 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 65 Resp: 80209
Ion Ratio Lower Upper
65 100
67 48.2 0.0 98.6

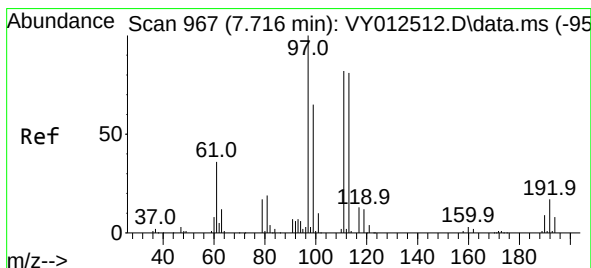
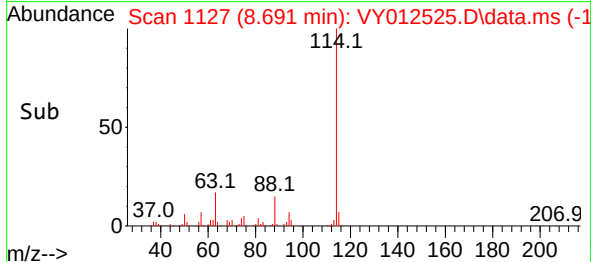
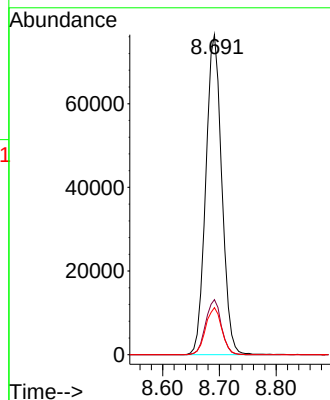
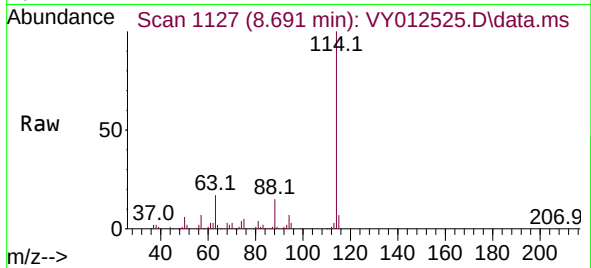




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

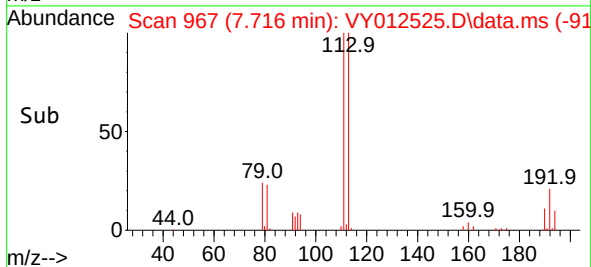
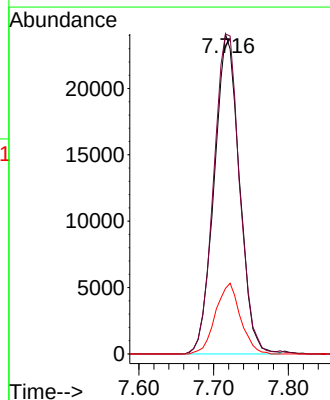
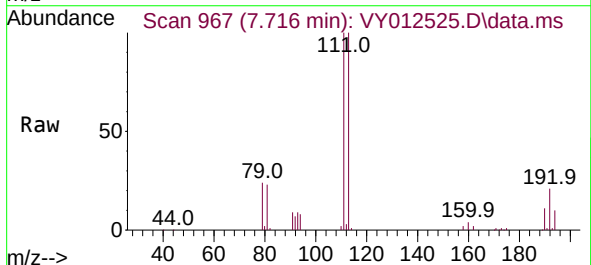
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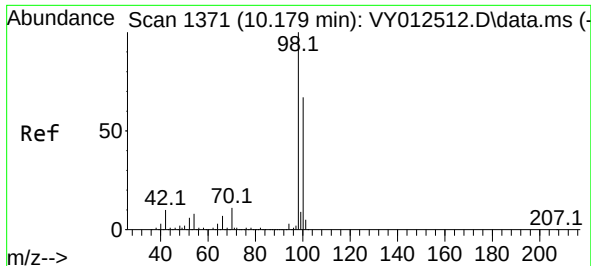
Tgt Ion:114 Resp: 149782
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.6
88 14.7 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.789 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion:113 Resp: 56491
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 21.9 17.5 26.3

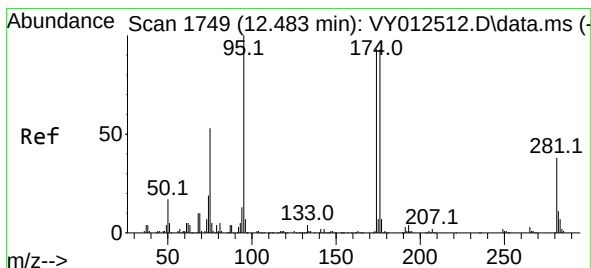
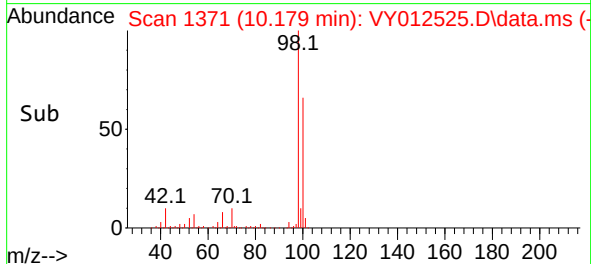
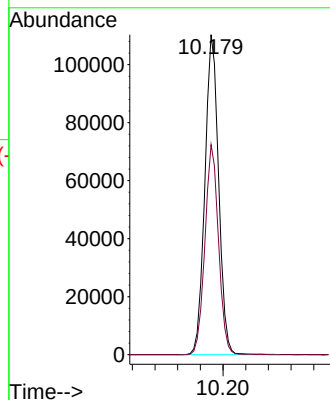
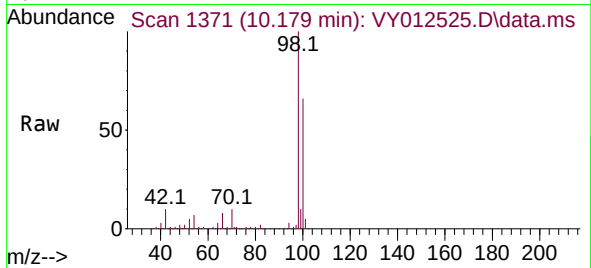




#50
Toluene-d8
Concen: 40.993 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

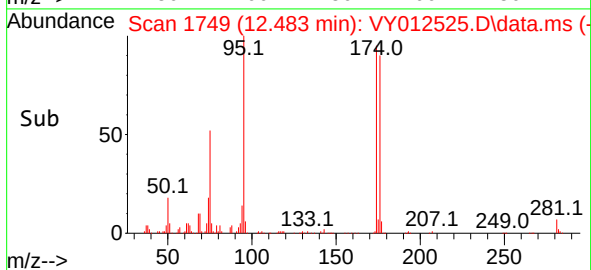
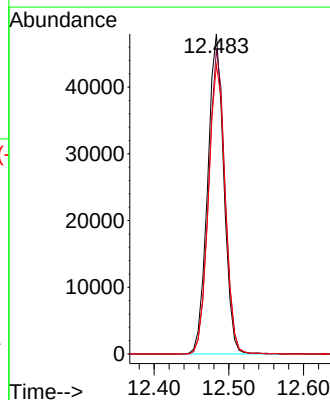
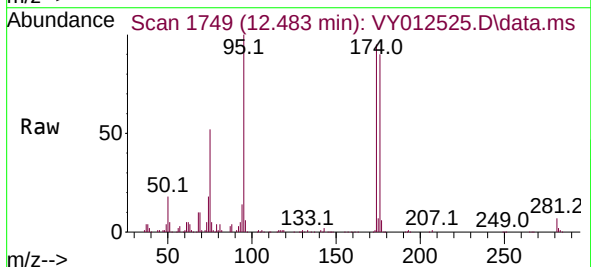
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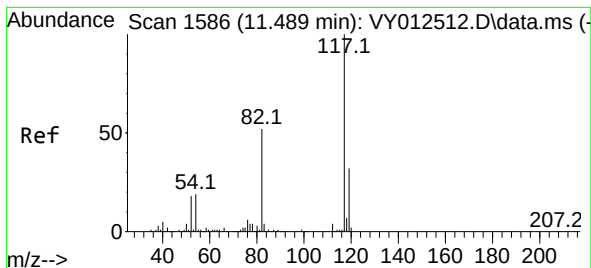
Tgt Ion: 98 Resp: 186120
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012525.D
Acq: 07 Feb 2023 17:47

Tgt Ion: 95 Resp: 72459
Ion Ratio Lower Upper
95 100
174 96.1 0.0 188.0
176 93.3 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012525.D

Acq: 07 Feb 2023 17:47

Instrument :

MSVOA_Y

ClientSampleId :

JPP-29-020323

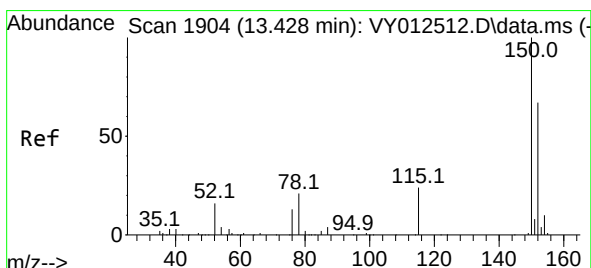
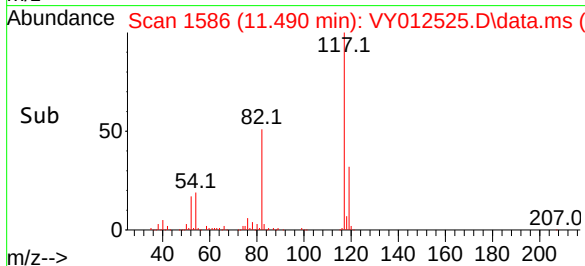
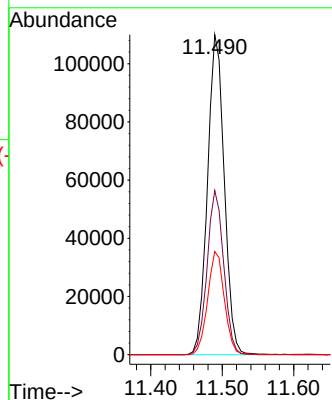
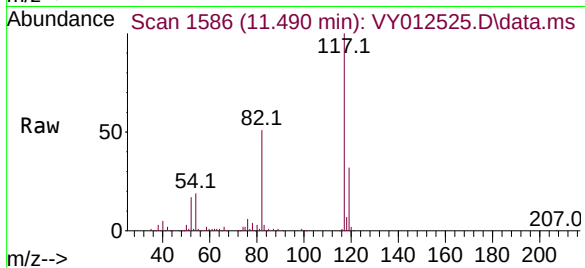
Tgt Ion:117 Resp: 179110

Ion Ratio Lower Upper

117 100

82 51.3 41.7 62.5

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012525.D

Acq: 07 Feb 2023 17:47

Tgt Ion:152 Resp: 76729

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.3

150 155.7 0.0 351.0

