

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012551.D
 Acq On : 08 Feb 2023 18:33
 Operator : KP/MD
 Sample : 01481-13
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-48-020723

Quant Time: Feb 09 07:15:54 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	138969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	85552	48.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.820%
35) Dibromofluoromethane	7.716	113	69590	41.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.320%
50) Toluene-d8	10.179	98	273849	38.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.840%
62) 4-Bromofluorobenzene	12.483	95	90142	36.727	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.460%

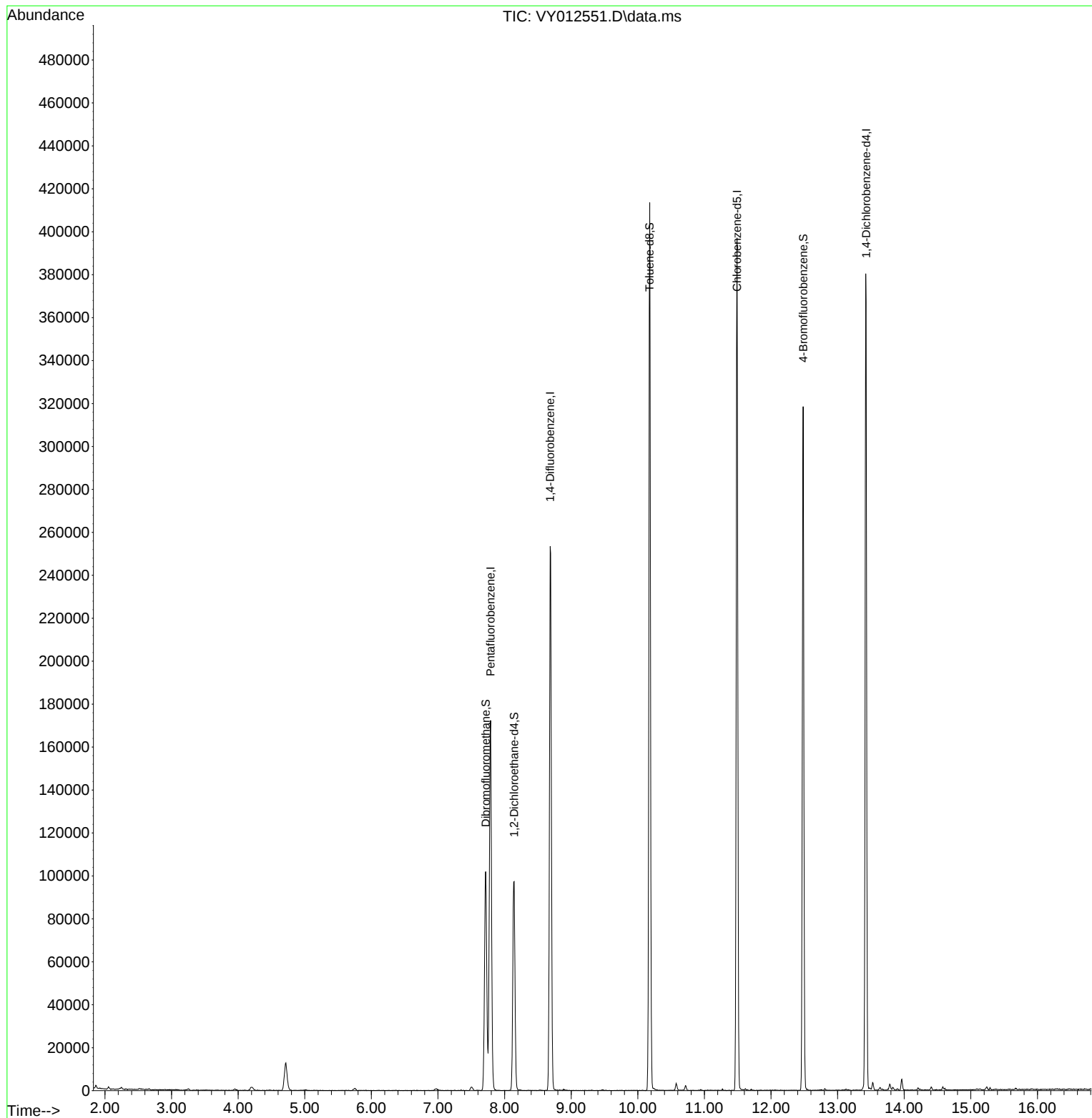
Target Compounds	Qvalue

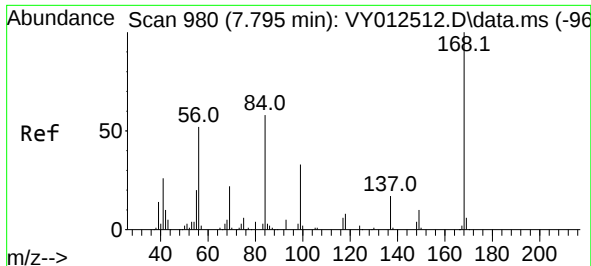
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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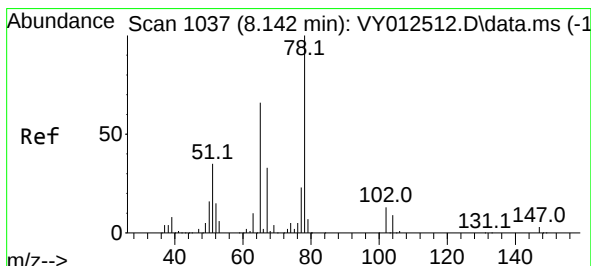
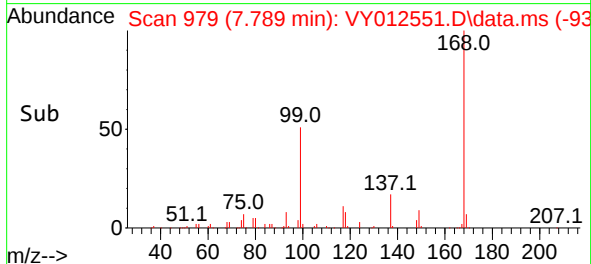
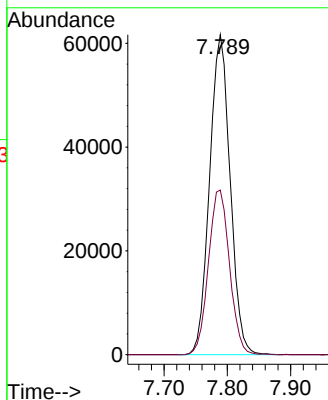
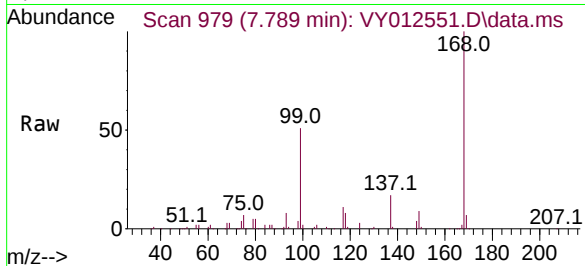




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

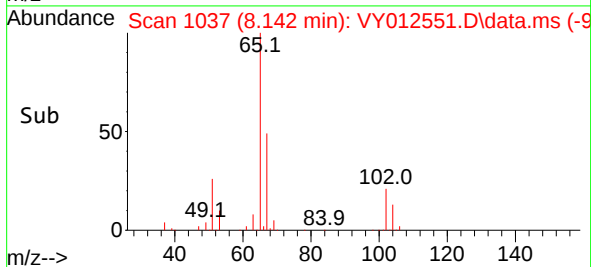
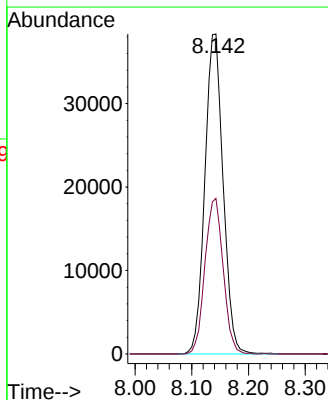
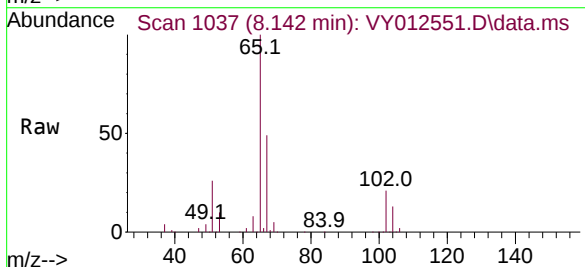
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

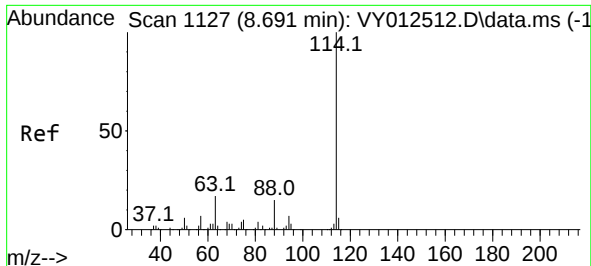
Tgt Ion:168 Resp: 138969
Ion Ratio Lower Upper
168 100
99 51.4 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 48.412 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 65 Resp: 85552
Ion Ratio Lower Upper
65 100
67 48.6 0.0 98.6

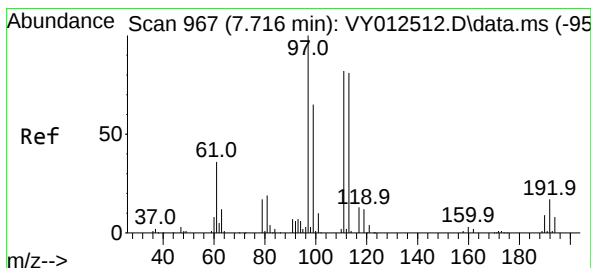
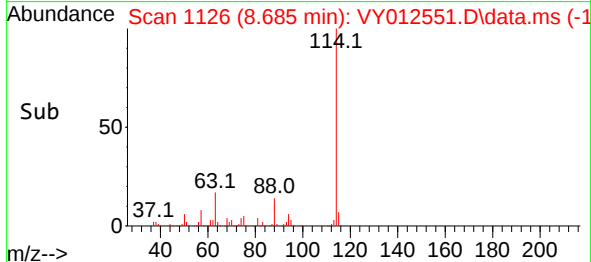
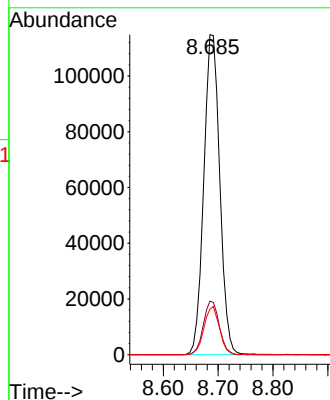
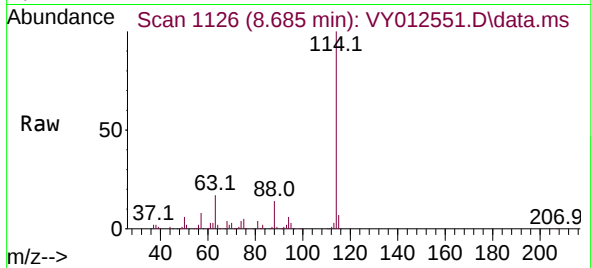




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

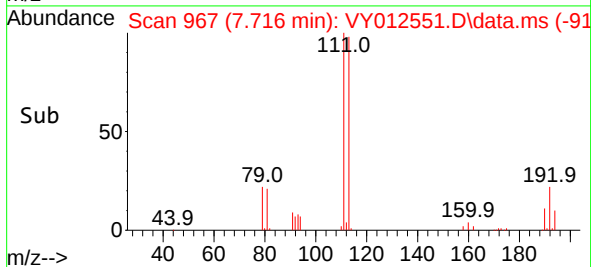
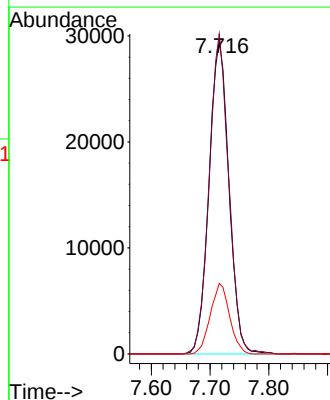
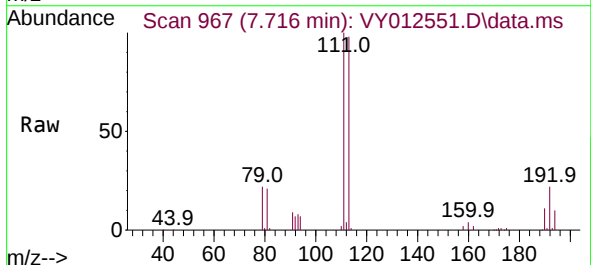
Instrument :
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ClientSampleId :
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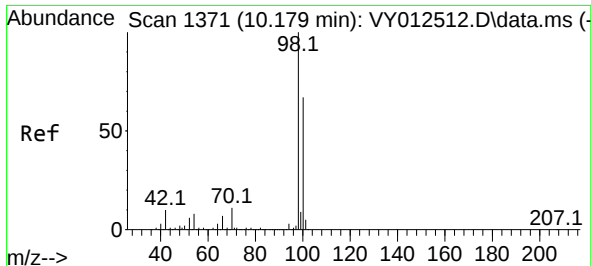
Tgt Ion:	114	Resp:	232135
Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	33.6
88	14.3	0.0	29.8



#35
Dibromofluoromethane
Concen: 41.164 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion:	113	Resp:	69590
Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.9	122.9
192	21.8	17.5	26.3

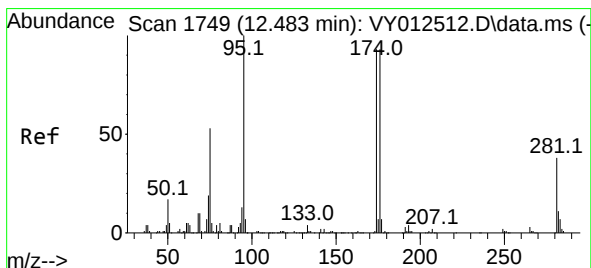
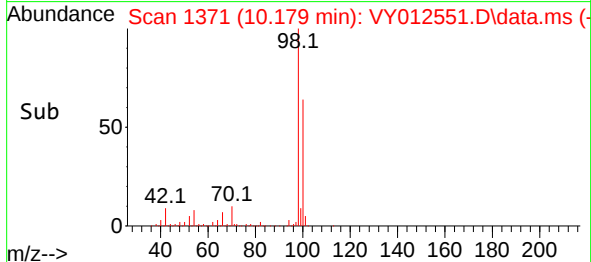
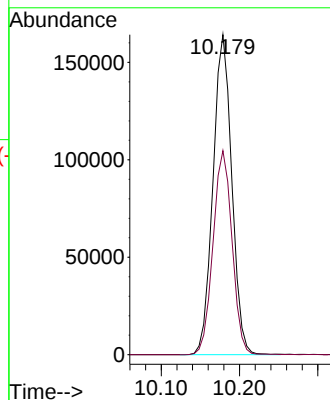
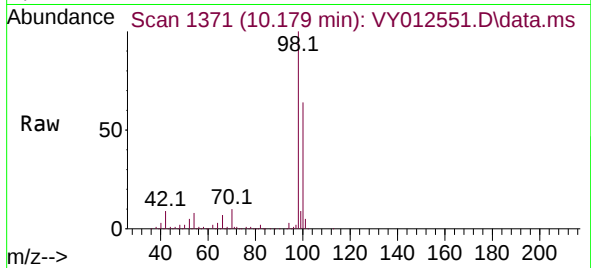




#50
Toluene-d8
Concen: 38.918 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

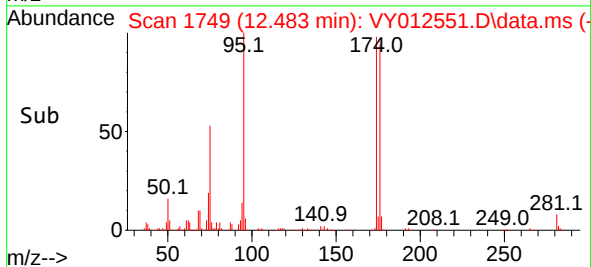
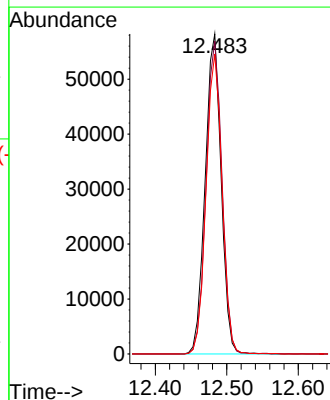
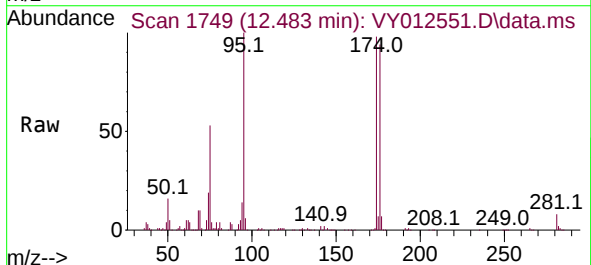
Instrument :
MSVOA_Y
ClientSampleId :
JPP-48-020723

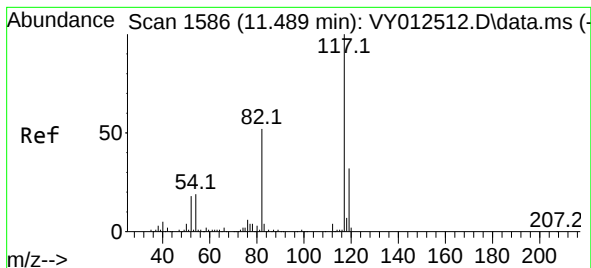
Tgt Ion: 98 Resp: 273849
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 36.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012551.D
Acq: 08 Feb 2023 18:33

Tgt Ion: 95 Resp: 90142
Ion Ratio Lower Upper
95 100
174 97.7 0.0 188.0
176 93.8 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012551.D

Acq: 08 Feb 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

JPP-48-020723

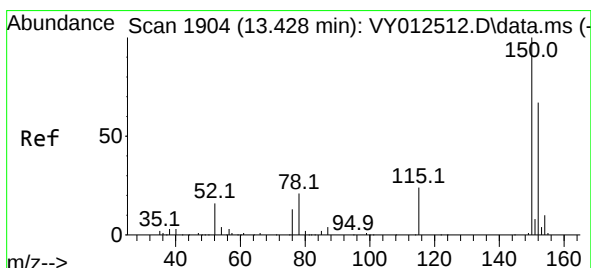
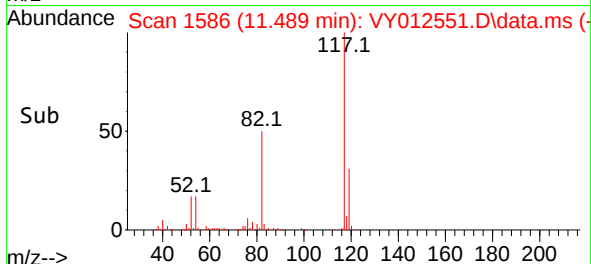
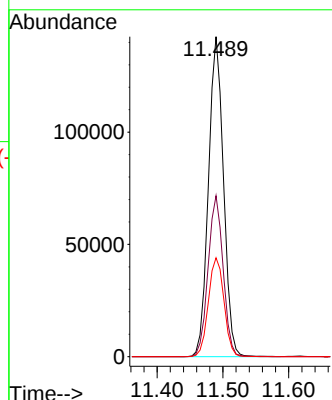
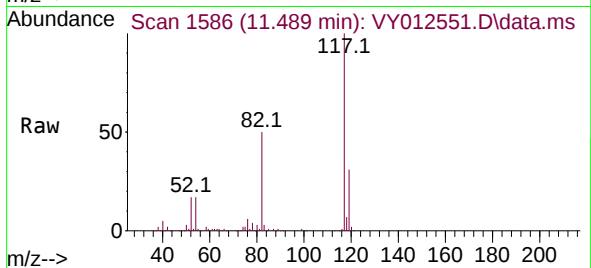
Tgt Ion:117 Resp: 226879

Ion Ratio Lower Upper

117 100

82 50.3 41.7 62.5

119 30.9 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: VY012551.D

Acq: 08 Feb 2023 18:33

Tgt Ion:152 Resp: 106003

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.3

150 156.5 0.0 351.0

