

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012881.D
 Acq On : 08 Mar 2023 19:10
 Operator : KP/MD
 Sample : 01829-11
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10-20230306MS

Quant Time: Mar 09 00:39:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	78921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	132034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	119542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51671	65.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.880%
35) Dibromofluoromethane	7.716	113	45983	57.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.420%
50) Toluene-d8	10.179	98	158783	54.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.020%
62) 4-Bromofluorobenzene	12.483	95	48003	48.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.640%

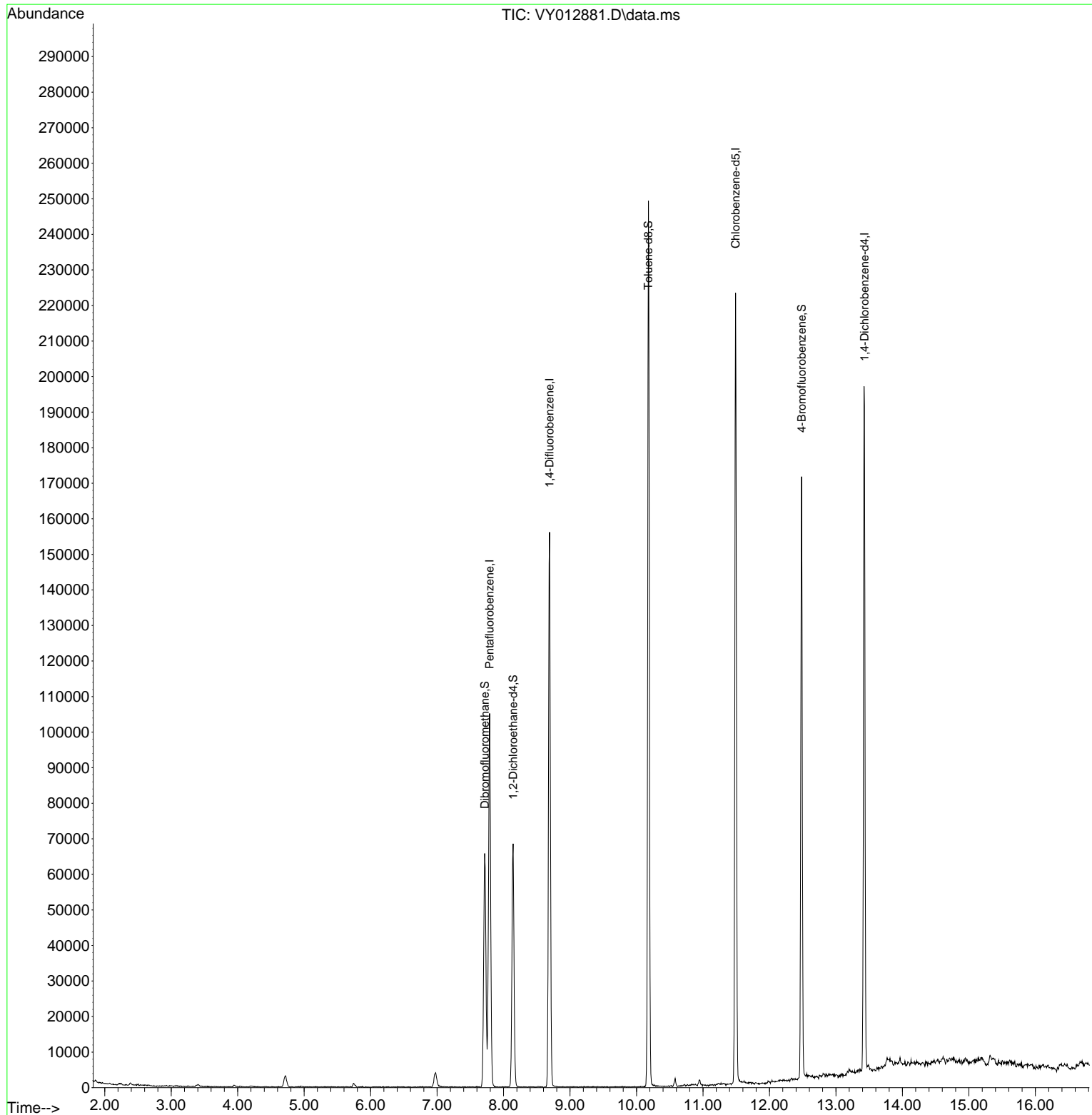
Target Compounds Qvalue

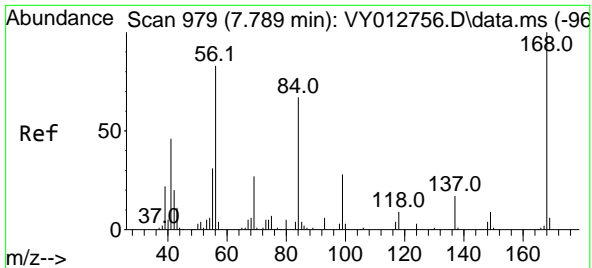
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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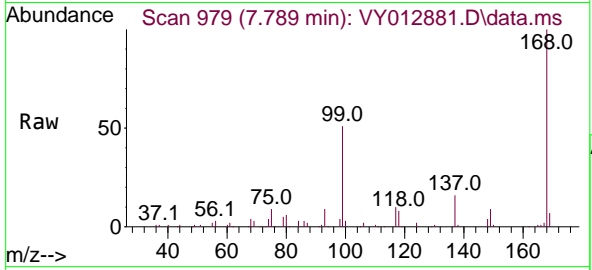
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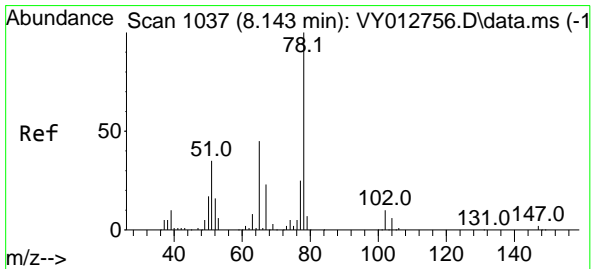
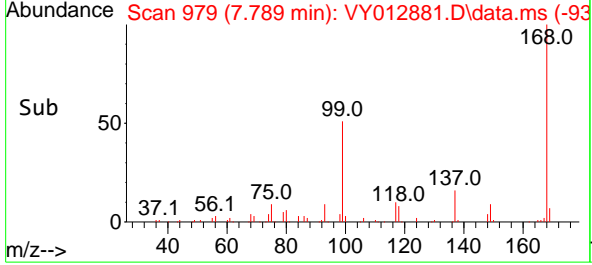
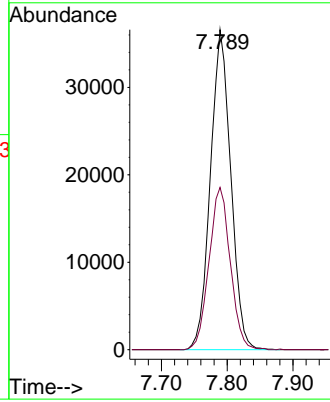


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10

Instrument : MSVOA_Y
 ClientSampleId : SS-10-20230306MS

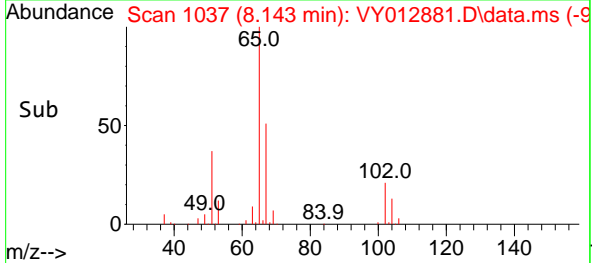
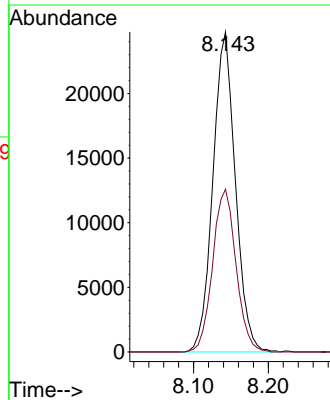
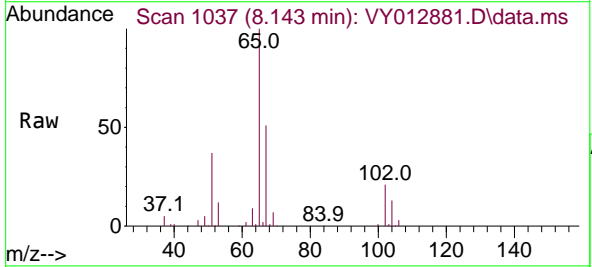


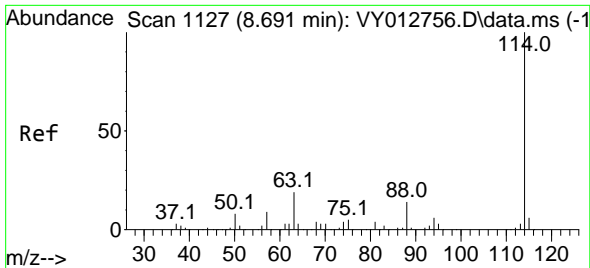
Tgt Ion:168 Resp: 78921
 Ion Ratio Lower Upper
 168 100
 99 50.7 41.7 62.5



#33
 1,2-Dichloroethane-d4
 Concen: 65.942 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10

Tgt Ion: 65 Resp: 51671
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0

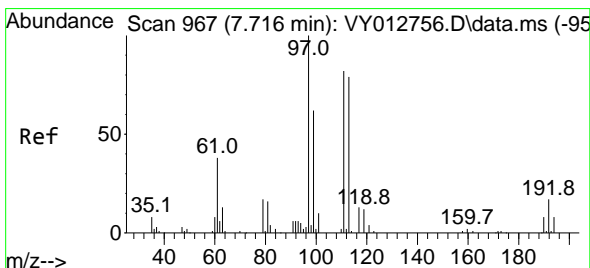
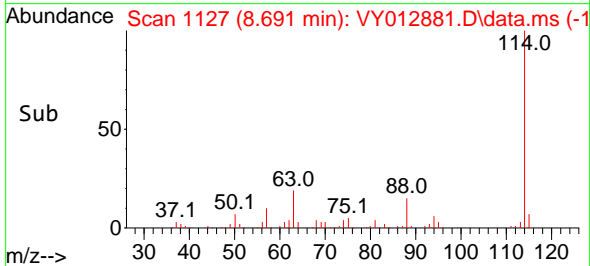
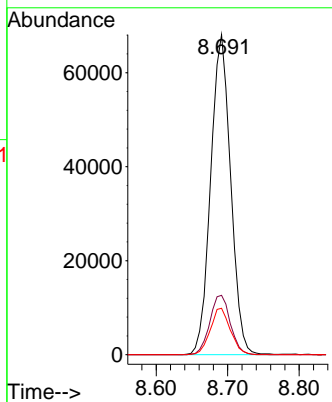
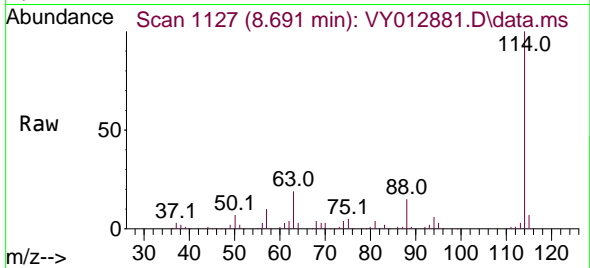




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10

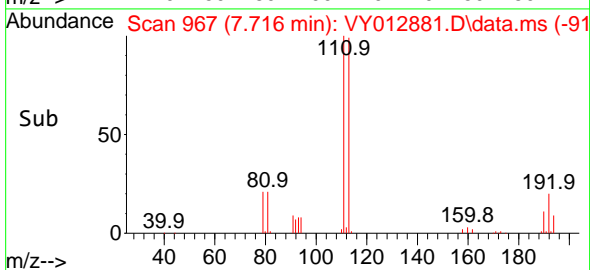
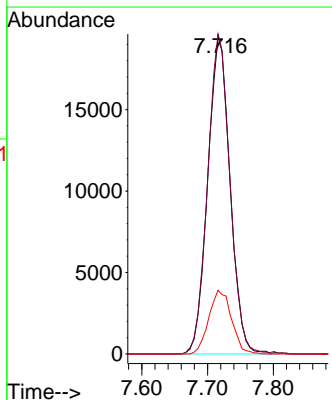
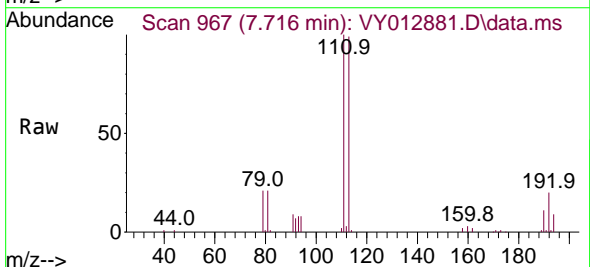
Instrument : MSVOA_Y
 ClientSampleId : SS-10-20230306MS

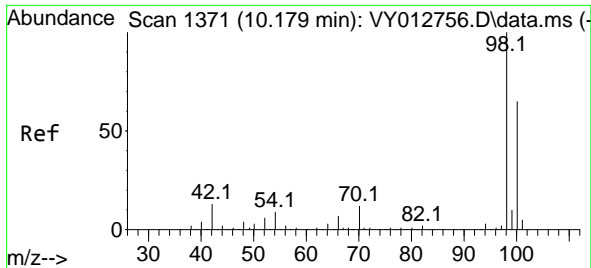
Tgt Ion	Resp	Lower	Upper
114	132034		
63	18.6	0.0	37.4
88	14.5	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 57.708 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10

Tgt Ion	Resp	Lower	Upper
113	45983		
111	101.0	82.2	123.2
192	20.4	16.8	25.2

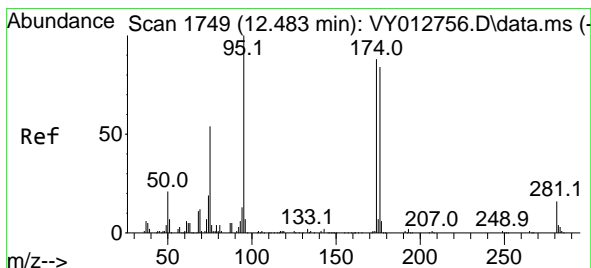
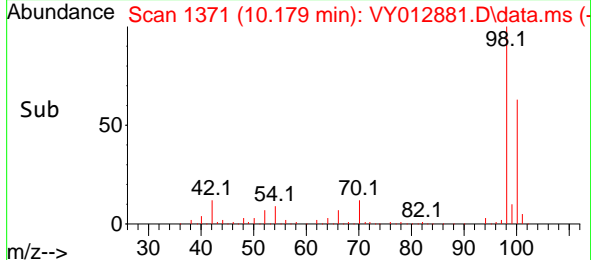
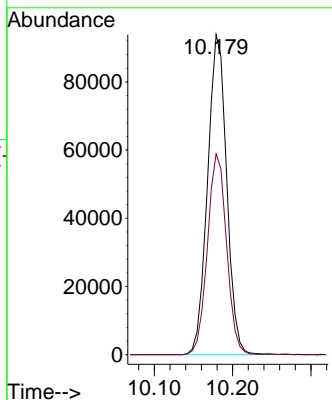
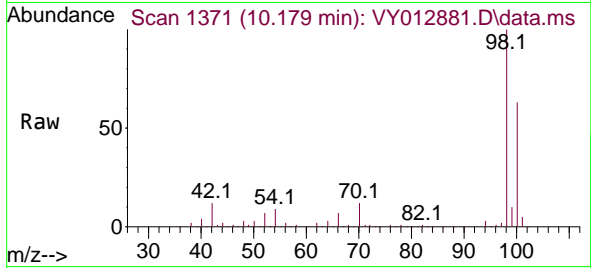




#50
 Toluene-d8
 Concen: 54.508 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10

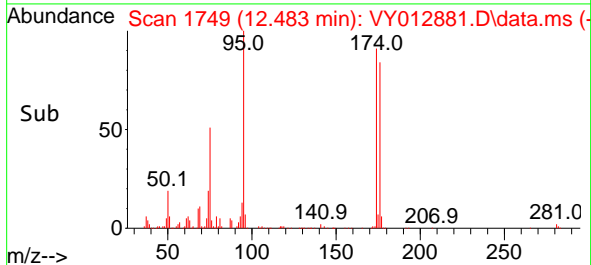
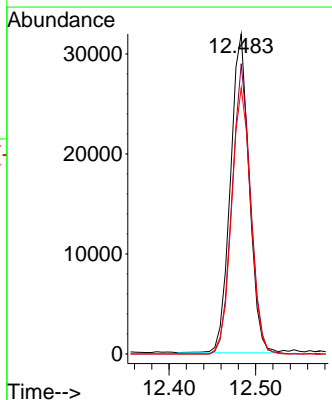
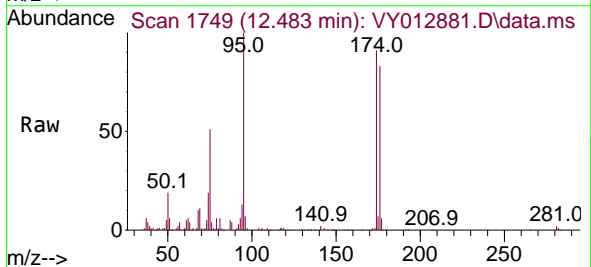
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10-20230306MS

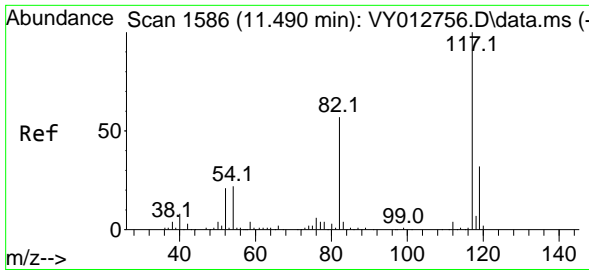
Tgt Ion: 98 Resp: 158783
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.9 76.3



#62
 4-Bromofluorobenzene
 Concen: 48.822 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10

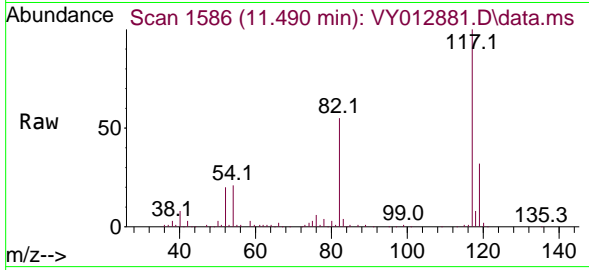
Tgt Ion: 95 Resp: 48003
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 176.6
 176 85.3 0.0 170.2



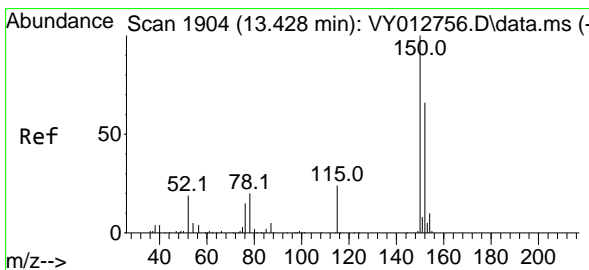
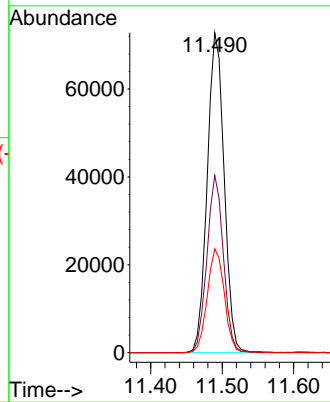
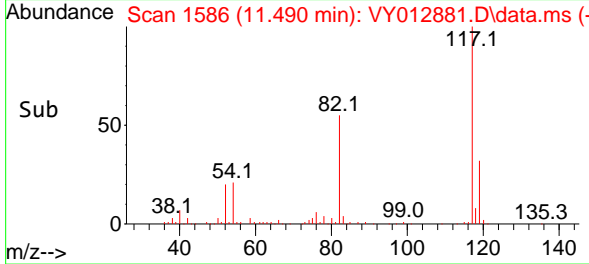


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 117
 Delta R.T. 0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10

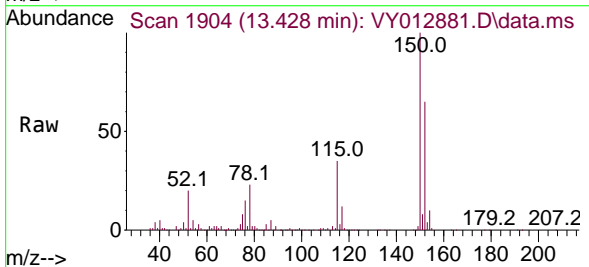
Instrument : MSVOA_Y
 ClientSampleId : SS-10-20230306MS



Tgt Ion:117 Resp: 119542
 Ion Ratio Lower Upper
 117 100
 82 55.4 45.4 68.0
 119 32.5 25.6 38.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012881.D
 Acq: 08 Mar 2023 19:10



Tgt Ion:152 Resp: 51574
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.1 81.3
 150 152.3 0.0 347.8

