

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014807.D
 Acq On : 25 Jul 2023 17:20
 Operator : SY/MD
 Sample : 03742-08
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 DUP-04

Quant Time: Jul 26 01:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.789	168	155517	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270367	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248001	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115060	50.000 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.142	65	90620	51.135 ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.260%
35) Dibromofluoromethane	7.716	113	82771	48.092 ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.180%
50) Toluene-d8	10.179	98	317166	49.984 ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.960%
62) 4-Bromofluorobenzene	12.477	95	111742	45.927 ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.860%

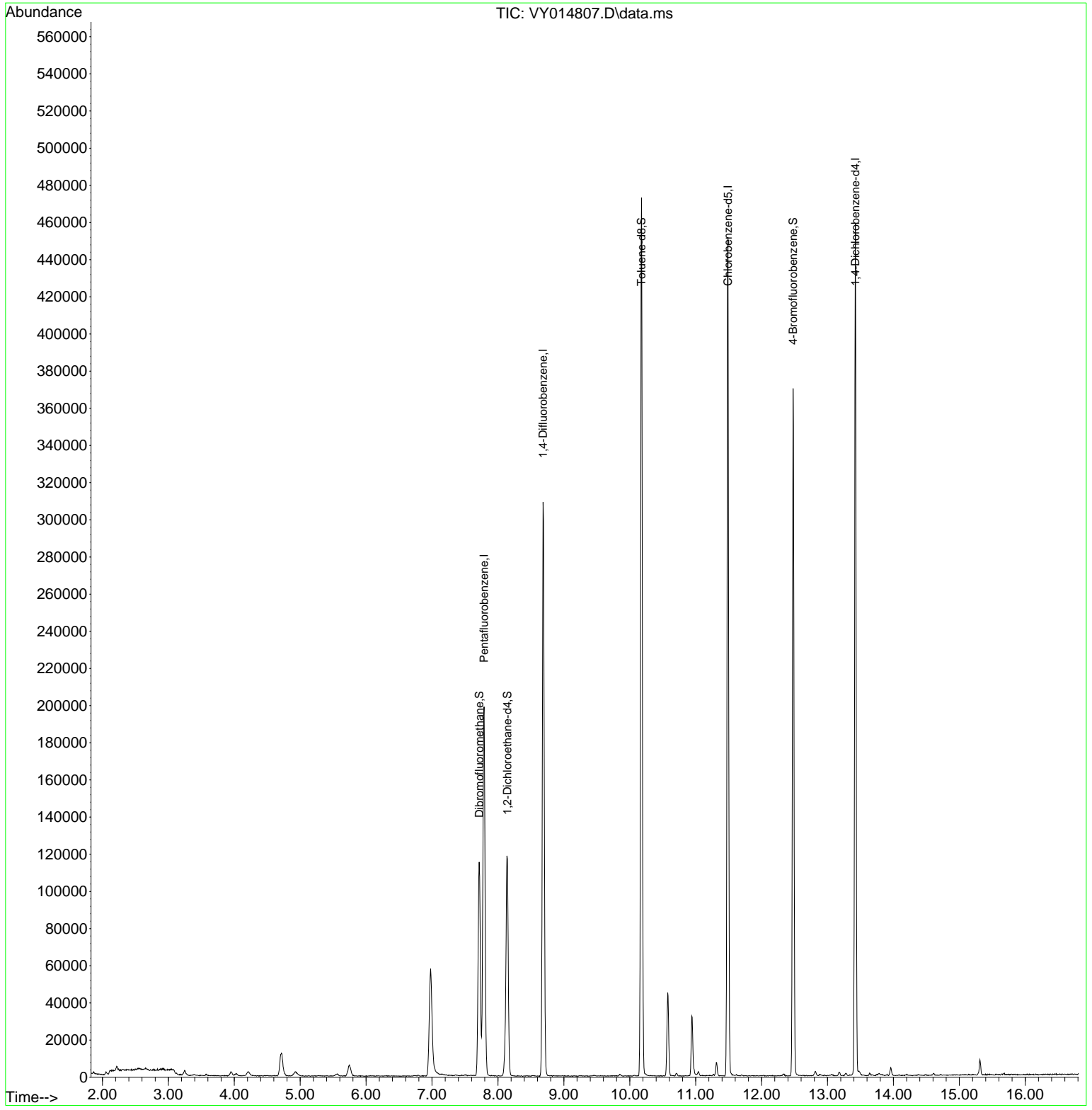
Target Compounds Qvalue

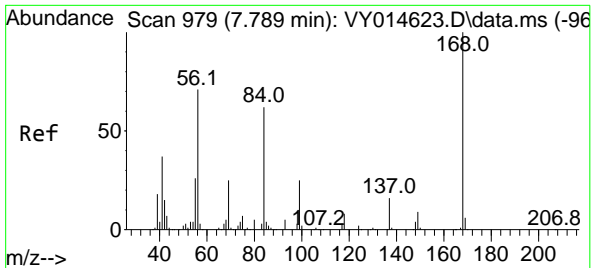
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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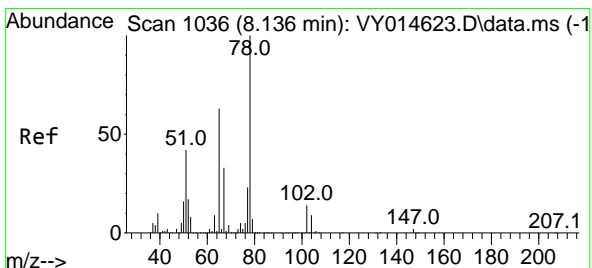
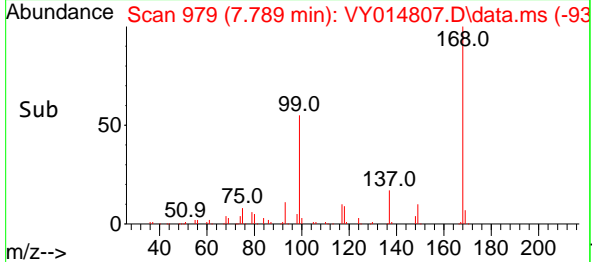
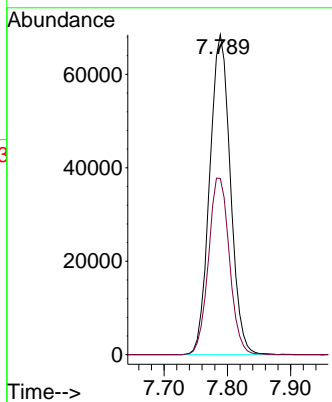
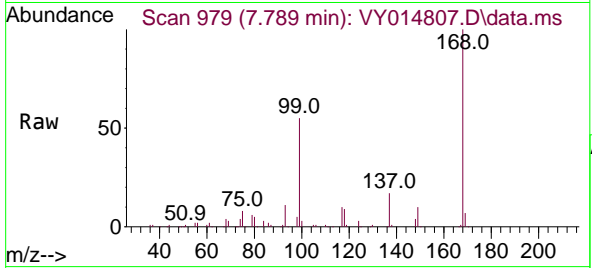




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20

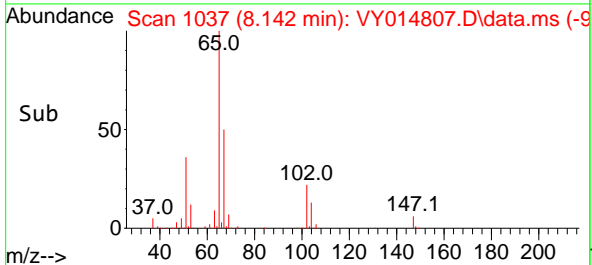
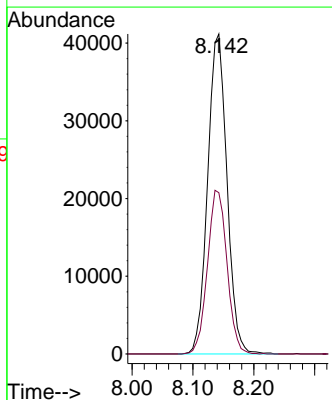
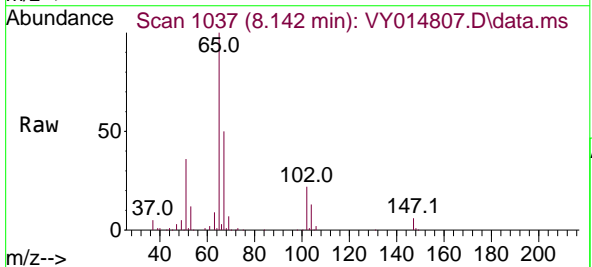
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-04

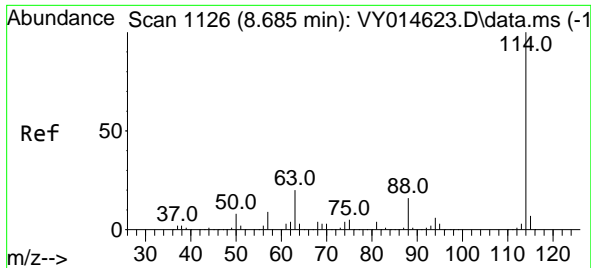
Tgt Ion:168 Resp: 155517
 Ion Ratio Lower Upper
 168 100
 99 55.1 43.4 65.0



#33
 1,2-Dichloroethane-d4
 Concen: 51.135 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20

Tgt Ion: 65 Resp: 90620
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.8



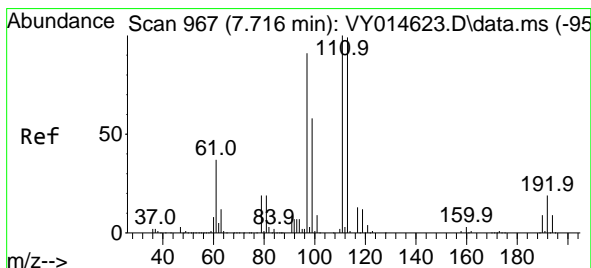
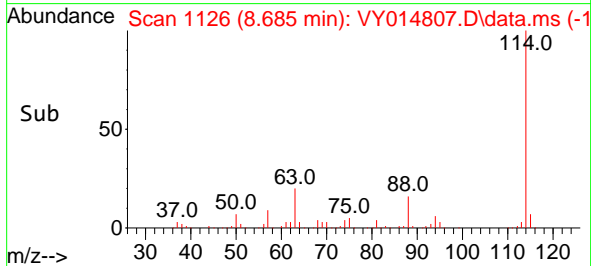
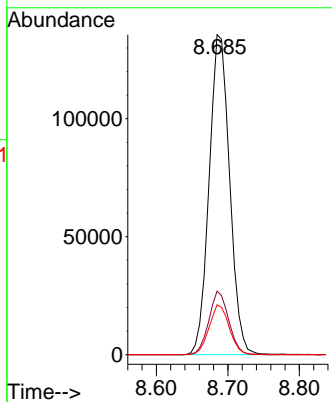
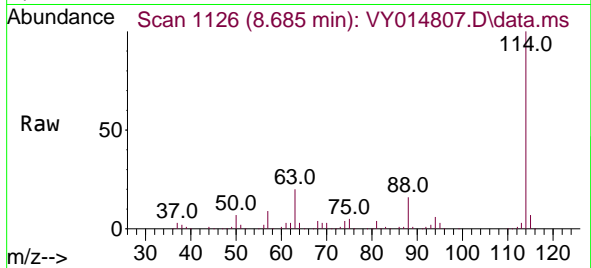


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20

Instrument : MSVOA_Y
 ClientSampleId : DUP-04

Tgt Ion:114 Resp: 270367

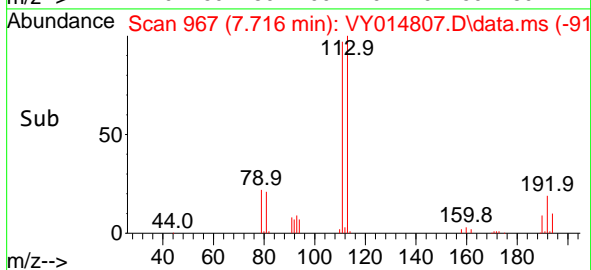
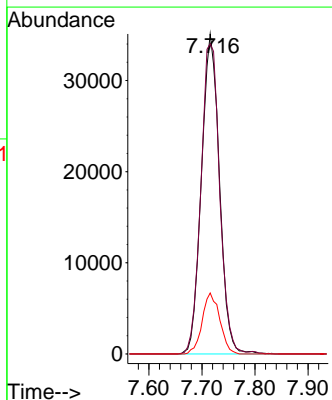
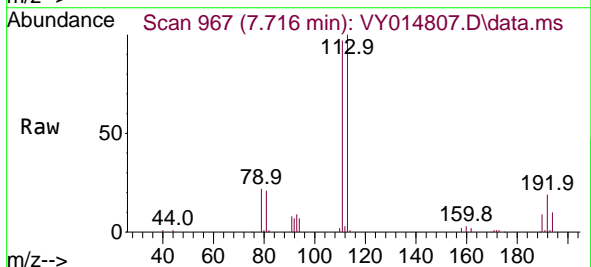
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	15.6	0.0	30.6

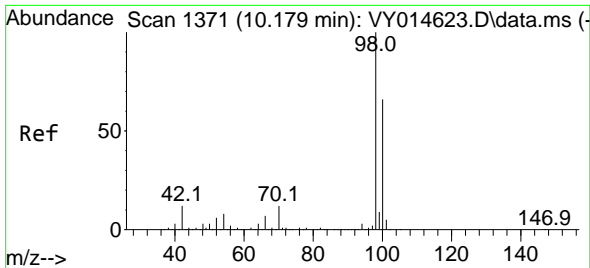


#35
 Dibromofluoromethane
 Concen: 48.092 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20

Tgt Ion:113 Resp: 82771

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	18.6	16.9	25.3

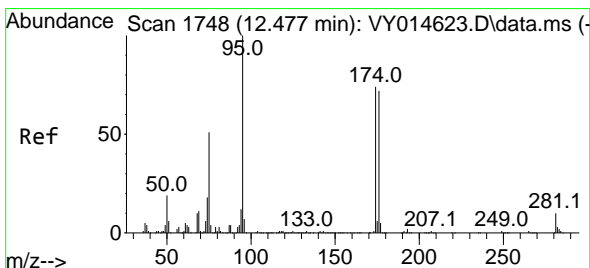
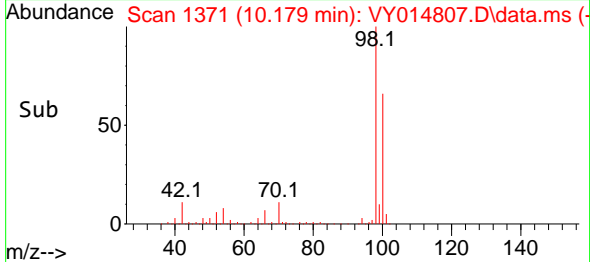
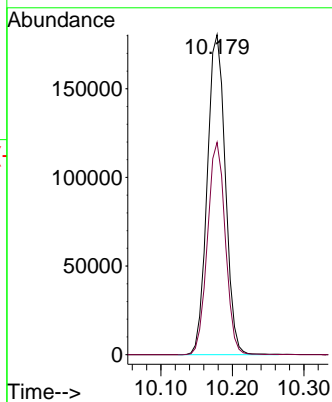
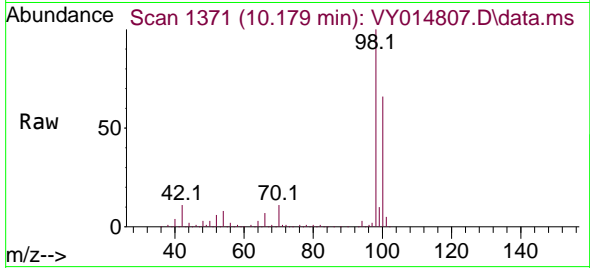




#50
 Toluene-d8
 Concen: 49.984 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20

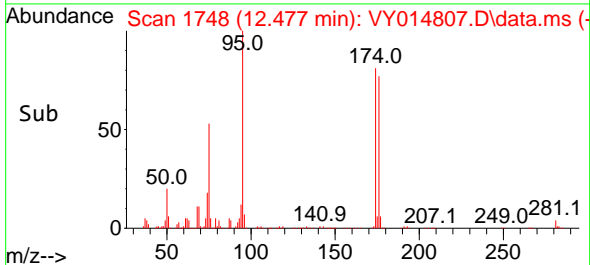
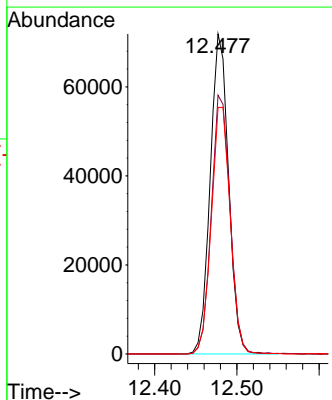
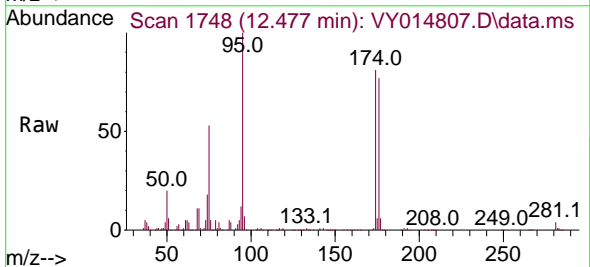
Instrument : MSVOA_Y
 ClientSampleId : DUP-04

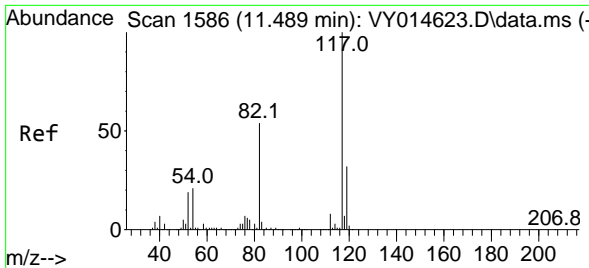
Tgt Ion: 98 Resp: 317166
 Ion Ratio Lower Upper
 98 100
 100 65.4 50.1 75.1



#62
 4-Bromofluorobenzene
 Concen: 45.927 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.000 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20

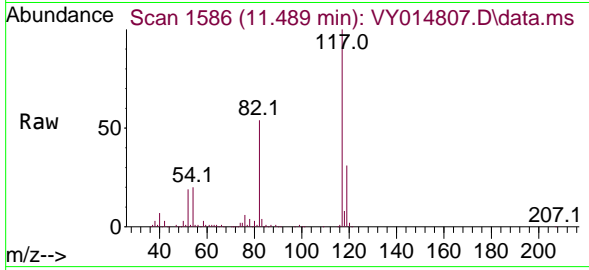
Tgt Ion: 95 Resp: 111742
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 178.2
 176 79.6 0.0 173.8





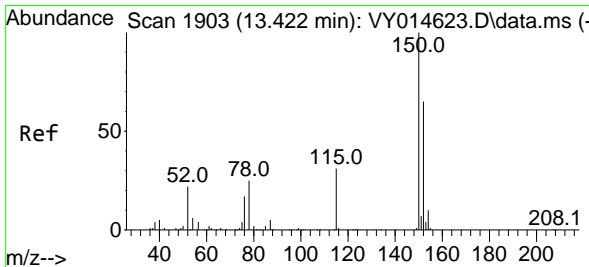
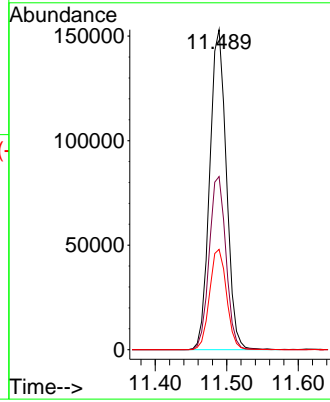
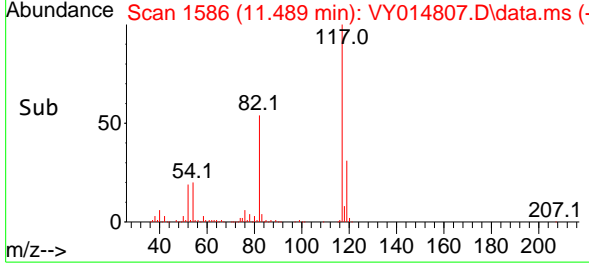
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20

Instrument : MSVOA_Y
 ClientSampleId : DUP-04

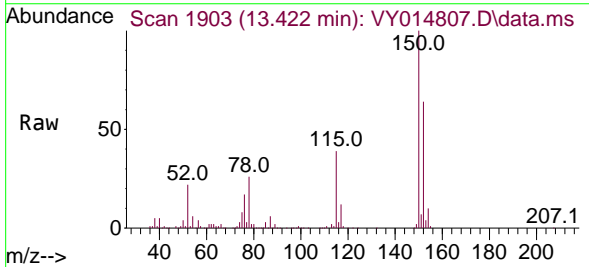


Tgt Ion:117 Resp: 248001

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.4	65.0
119	31.4	26.3	39.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014807.D
 Acq: 25 Jul 2023 17:20



Tgt Ion:152 Resp: 115060

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.8	86.5
150	156.0	0.0	348.8

