

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012107.D
 Acq On : 09 Jan 2023 13:45
 Operator : KP/MD
 Sample : 01043-04
 Misc : 3.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-202

Quant Time: Jan 10 01:46:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

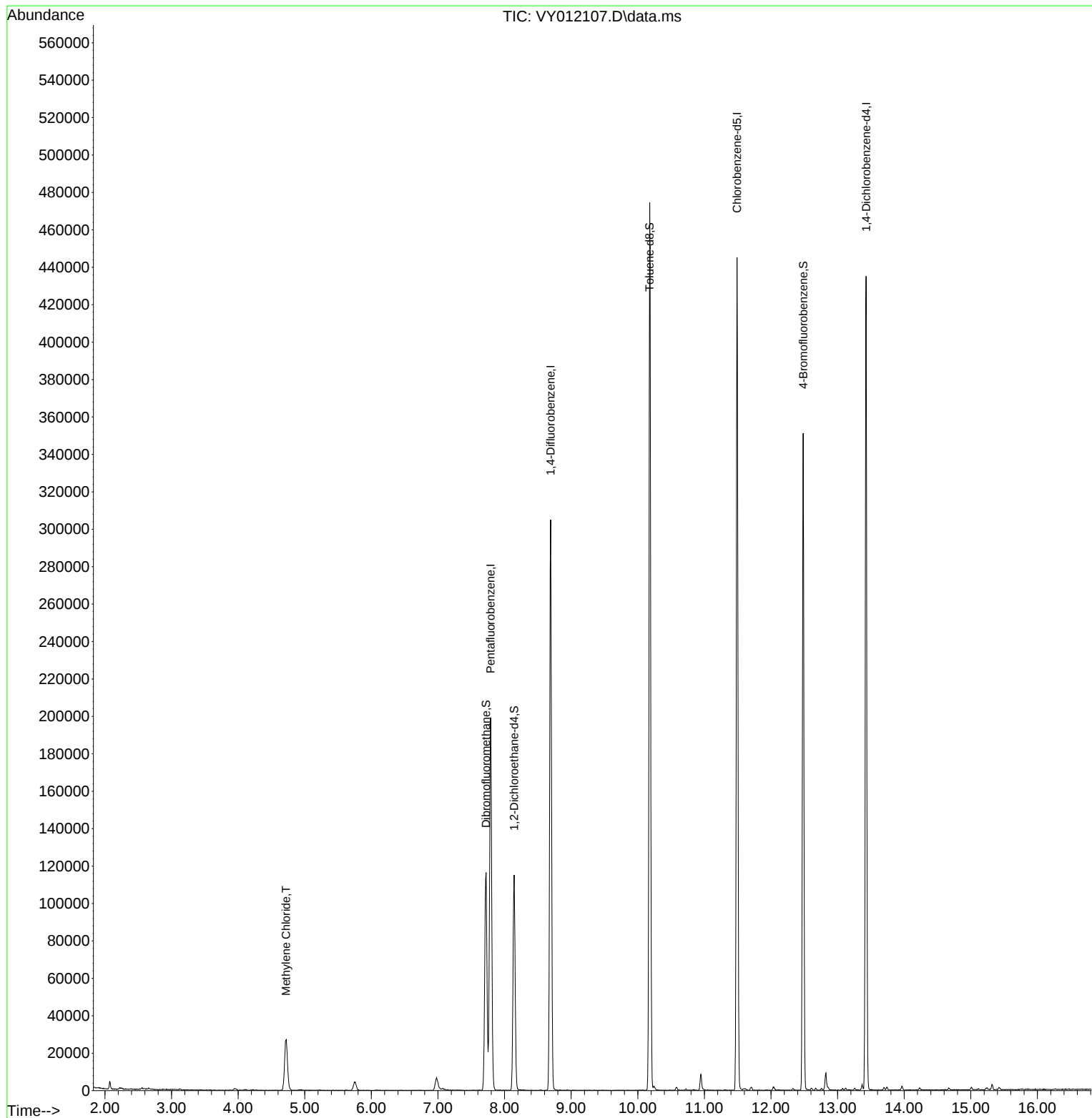
Internal Standards						
1) Pentafluorobenzene	7.789	168	152992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	96044	55.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.740%
35) Dibromofluoromethane	7.722	113	80040	46.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.179	98	314671	46.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.483	95	102110	43.085	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.180%
Target Compounds						
20) Methylene Chloride	4.716	84	22270	8.063	ug/l	Qvalue 93

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

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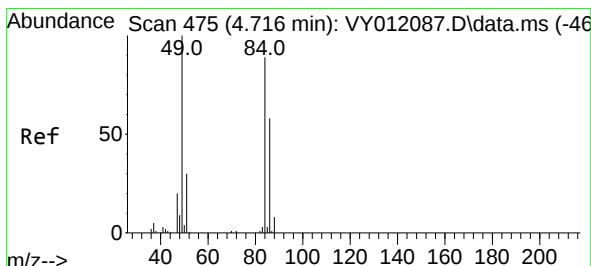
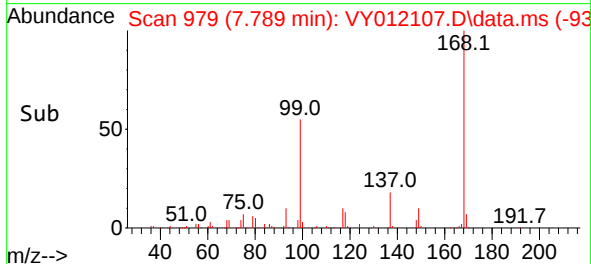
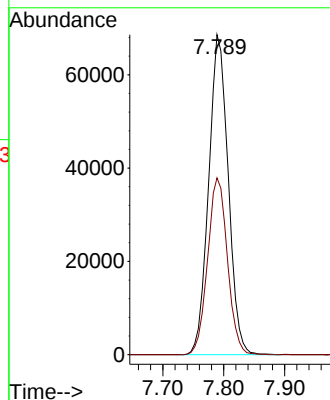
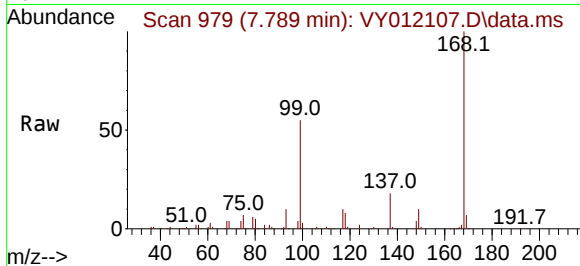




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

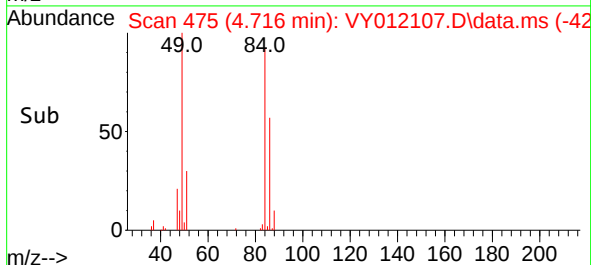
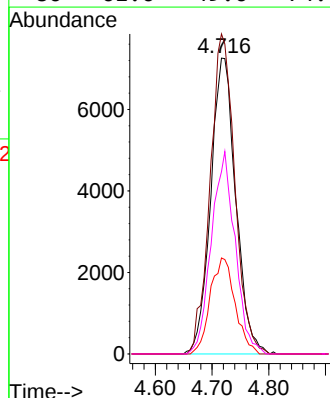
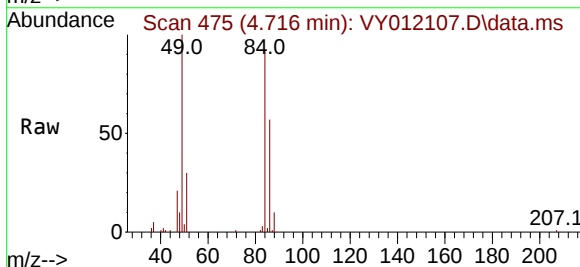
Instrument :
MSVOA_Y
ClientSampleId :
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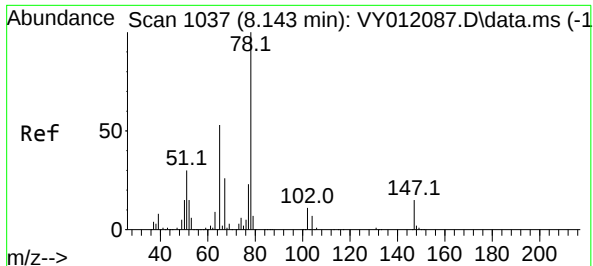
Tgt Ion:168 Resp: 152992
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#20
Methylene Chloride
Concen: 8.063 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

Tgt Ion: 84 Resp: 22270
Ion Ratio Lower Upper
84 100
49 108.2 95.4 143.2
51 32.5 29.9 44.9
86 61.6 49.6 74.4

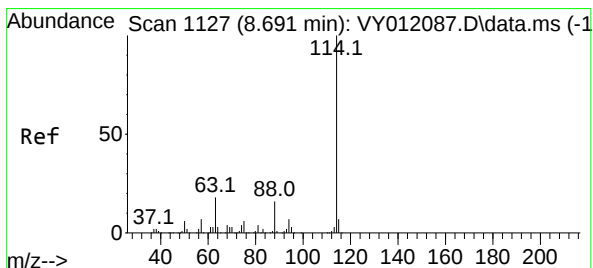
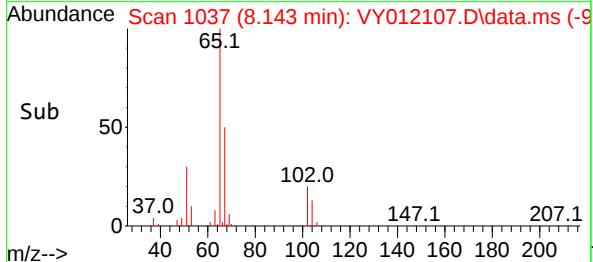
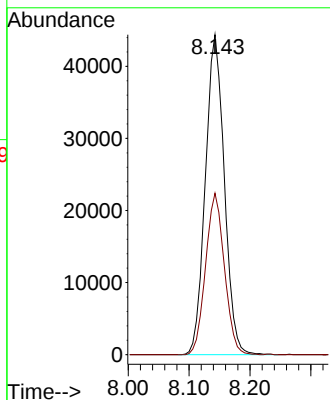
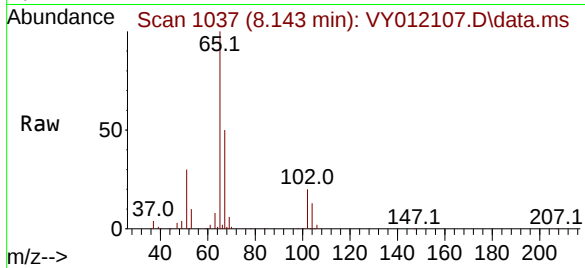




#33
1,2-Dichloroethane-d4
Concen: 55.868 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

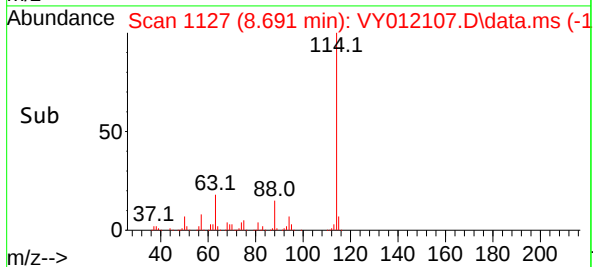
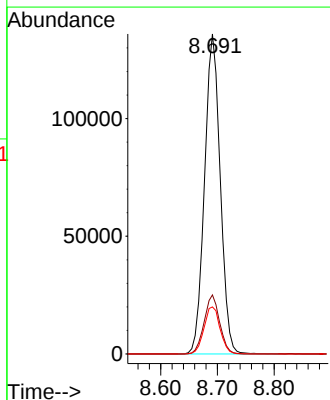
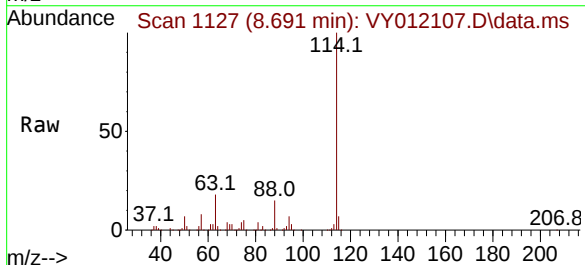
Instrument :
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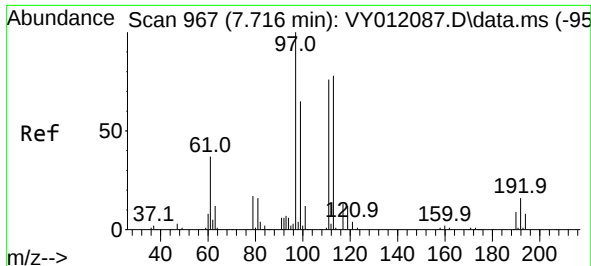
Tgt Ion: 65 Resp: 96044
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

Tgt Ion:114 Resp: 261346
Ion Ratio Lower Upper
114 100
63 18.4 0.0 39.6
88 14.7 0.0 32.2

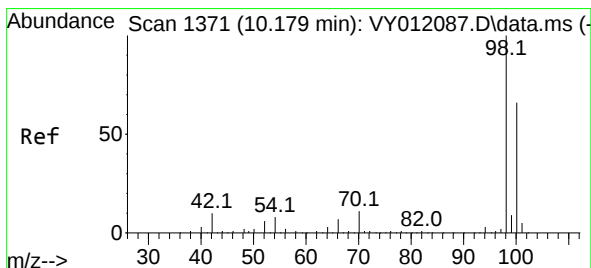
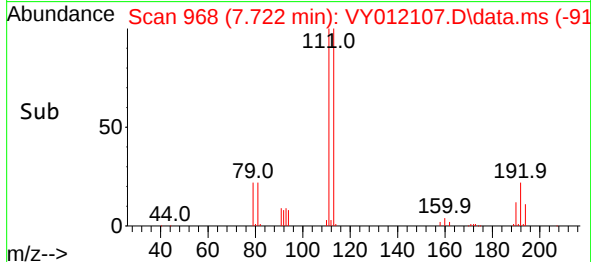
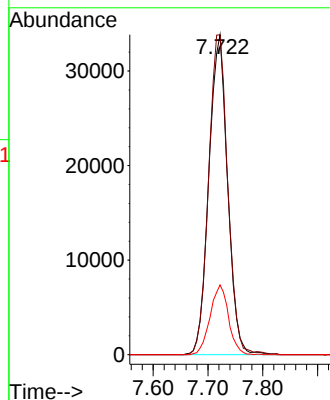
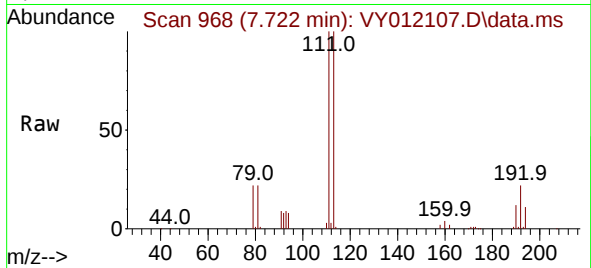




#35
Dibromofluoromethane
Concen: 46.595 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

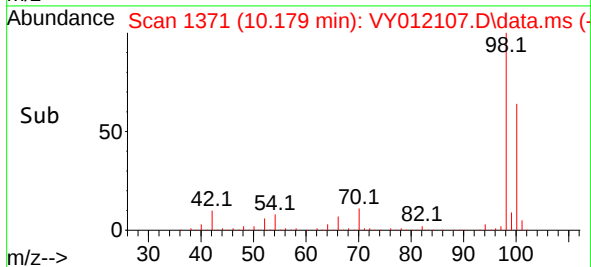
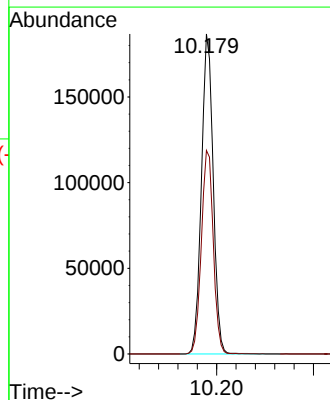
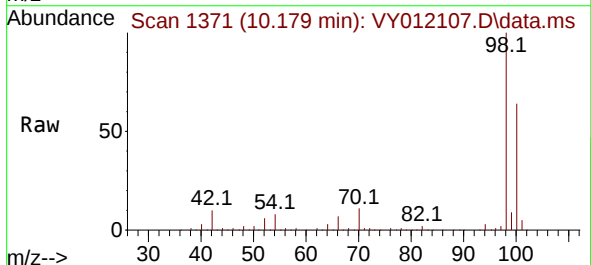
Instrument :
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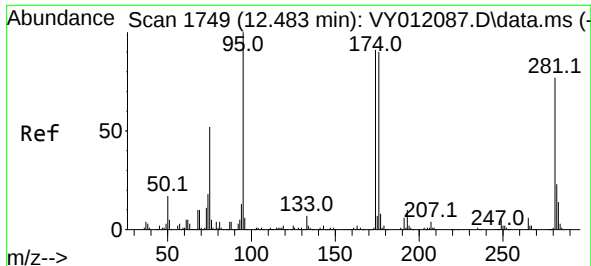
Tgt Ion:113 Resp: 80040
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 21.4 16.0 24.0



#50
Toluene-d8
Concen: 46.411 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

Tgt Ion: 98 Resp: 314671
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

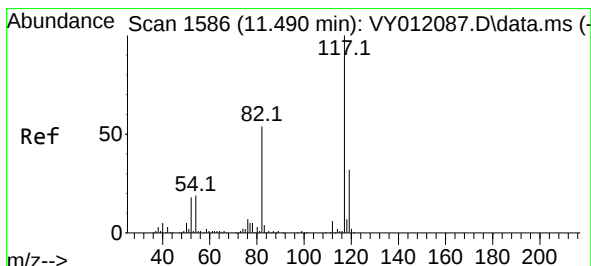
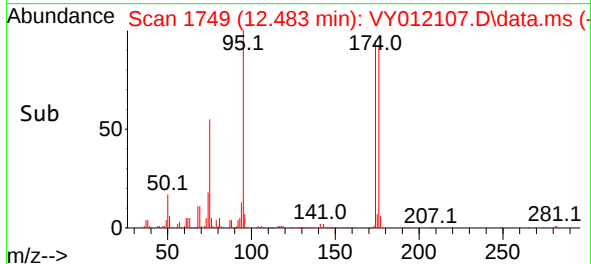
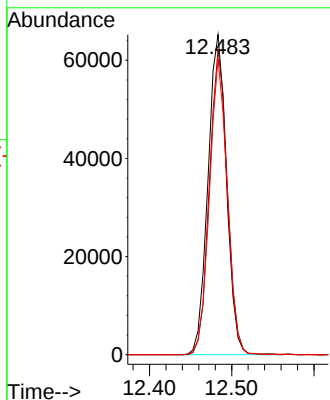
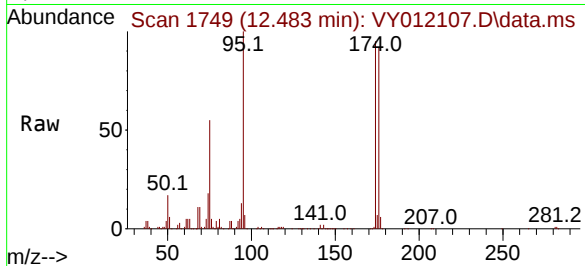




#62
4-Bromofluorobenzene
Concen: 43.085 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

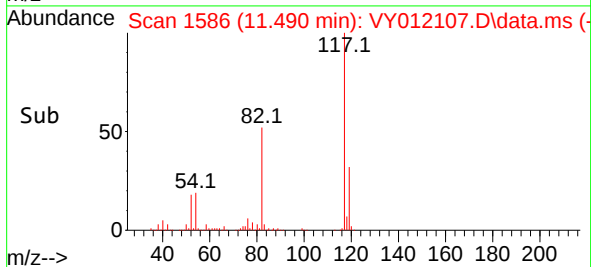
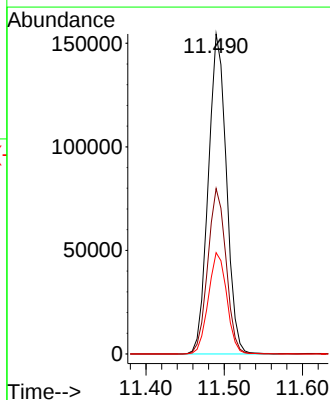
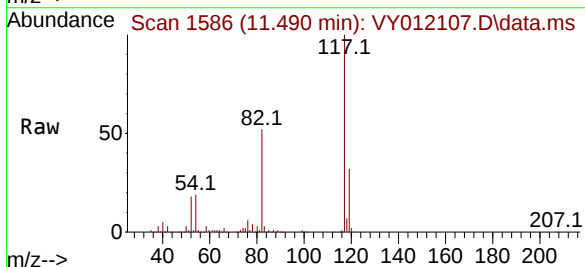
Instrument :
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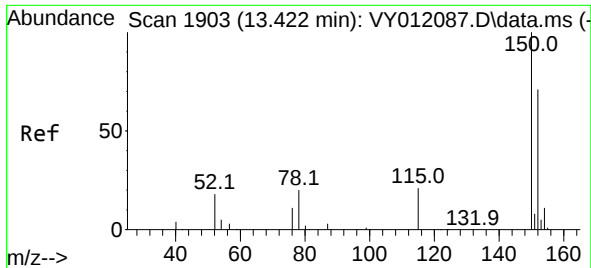
Tgt Ion: 95 Resp: 102110
Ion Ratio Lower Upper
95 100
174 92.9 0.0 172.0
176 89.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012107.D
Acq: 09 Jan 2023 13:45

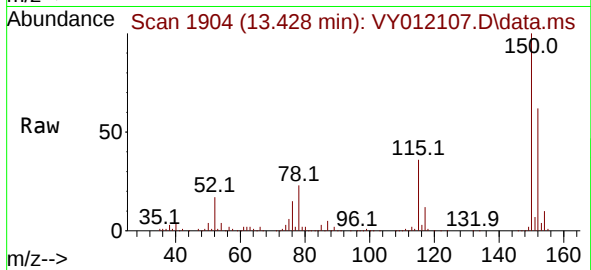
Tgt Ion: 117 Resp: 247979
Ion Ratio Lower Upper
117 100
82 51.7 44.8 67.2
119 31.6 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012107.D
 Acq: 09 Jan 2023 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-202



Tgt Ion:152 Resp: 113608
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.1 87.3
 150 159.1 0.0 342.6

