

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY022008.D
 Acq On : 25 Apr 2025 14:38
 Operator : SY/MD
 Sample : Q1874-05
 Misc : 4.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HT3727

Quant Time: Apr 25 22:56:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	261113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	434343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	337868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	94971	39.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.760%
35) Dibromofluoromethane	7.634	113	135428	47.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.400%
50) Toluene-d8	10.103	98	507373	46.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.800%
62) 4-Bromofluorobenzene	12.401	95	113454	31.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.300%

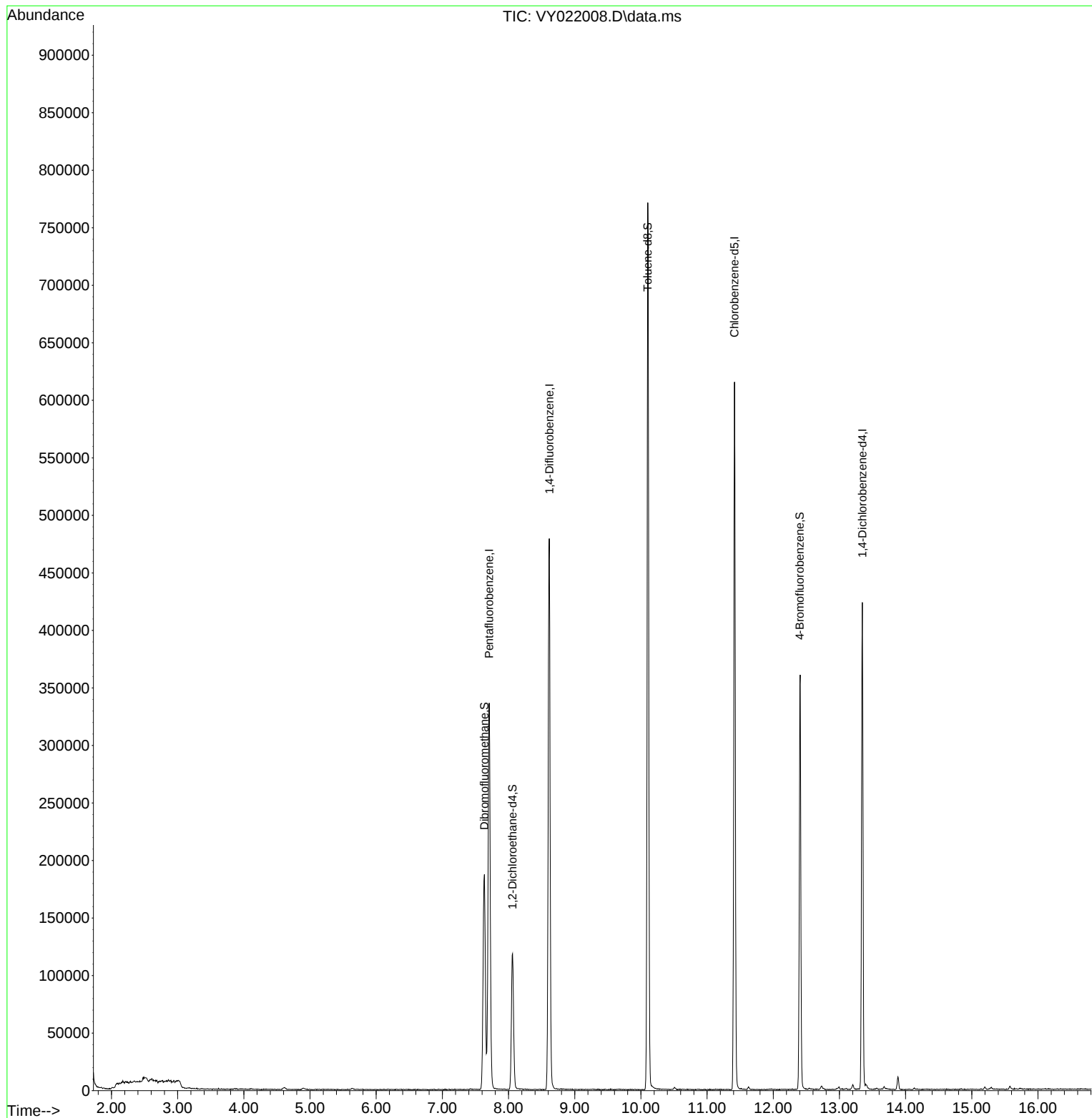
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
Data File : VY022008.D
Acq On : 25 Apr 2025 14:38
Operator : SY/MD
Sample : Q1874-05
Misc : 4.22g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HT3727

Quant Time: Apr 25 22:56:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

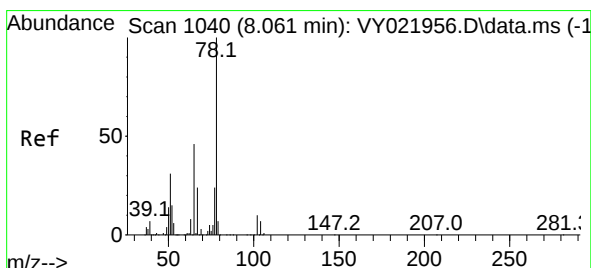
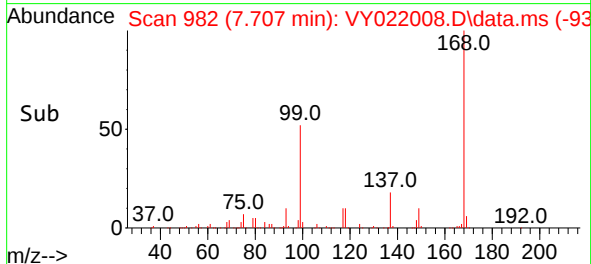
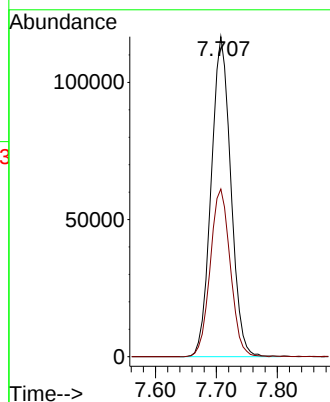
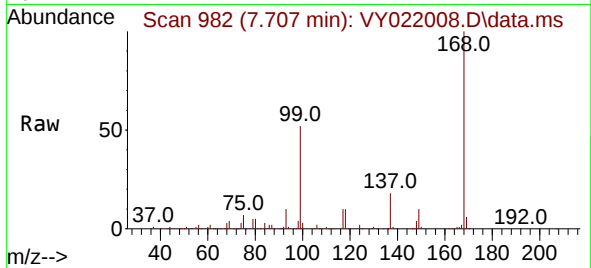




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

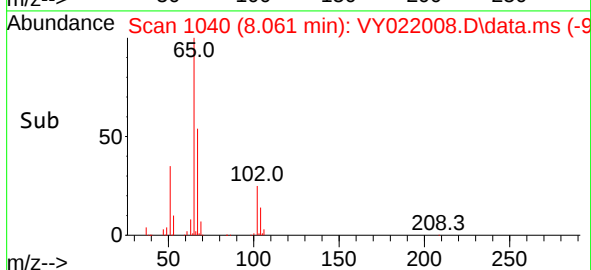
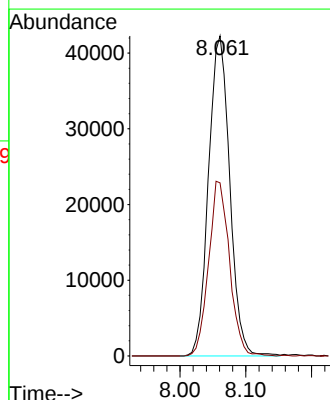
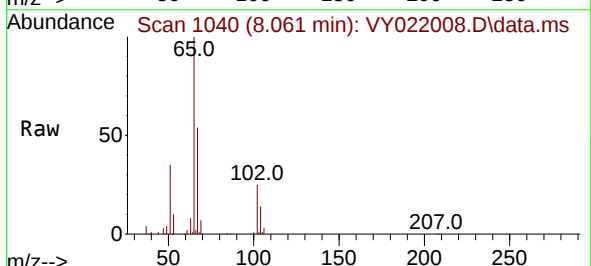
Instrument :
MSVOA_Y
ClientSampleId :
HT3727

Tgt Ion:168 Resp: 261113
Ion Ratio Lower Upper
168 100
99 52.4 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 39.377 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

Tgt Ion: 65 Resp: 94971
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8

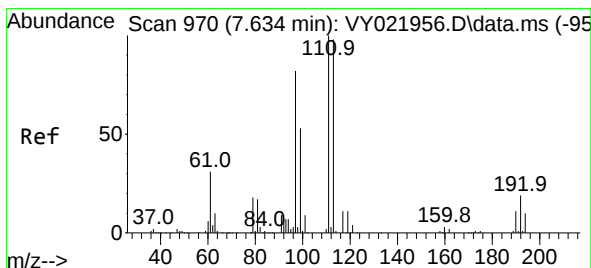
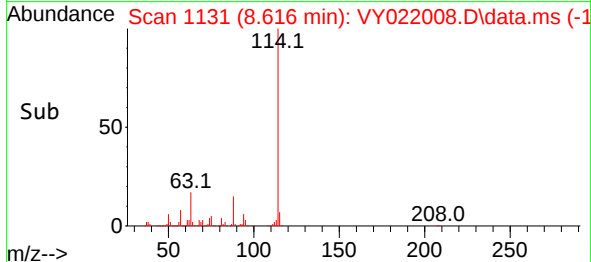
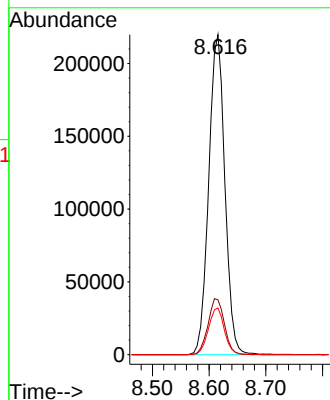
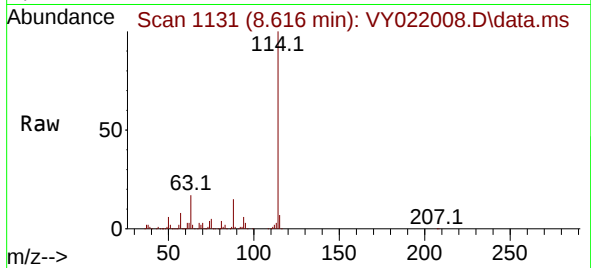




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

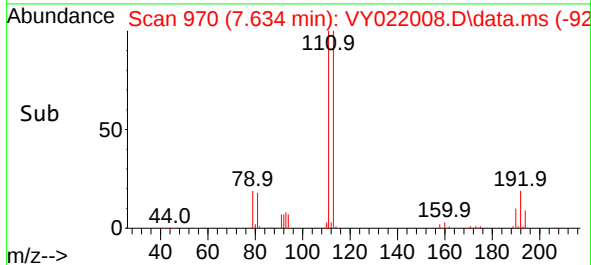
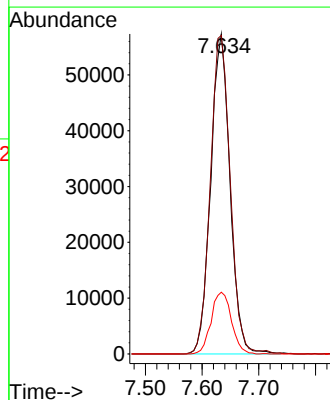
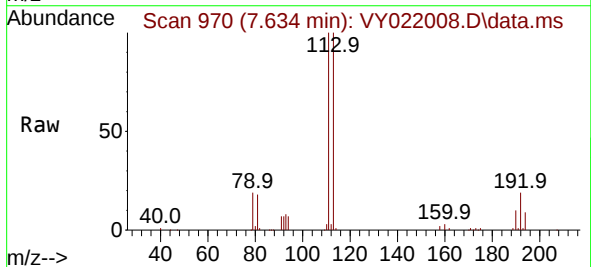
Instrument :
MSVOA_Y
ClientSampleId :
HT3727

Tgt Ion:114 Resp: 434343
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.4
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 47.196 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

Tgt Ion:113 Resp: 135428
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.3 15.6 23.4

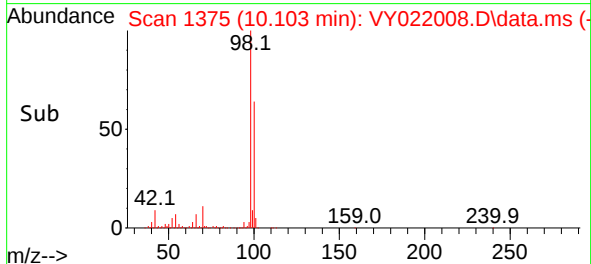
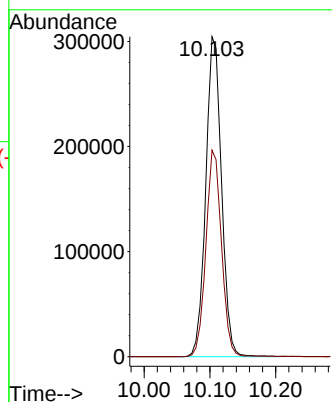
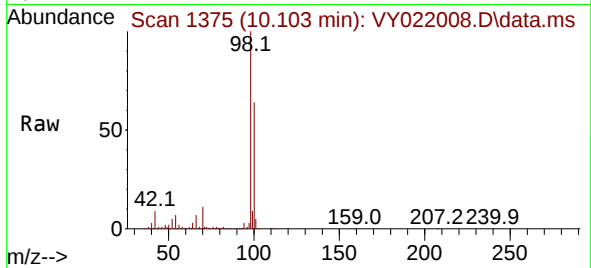




#50
Toluene-d8
Concen: 46.901 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

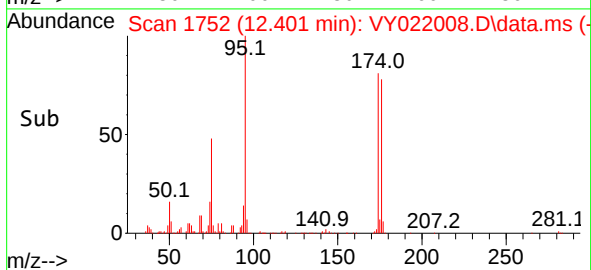
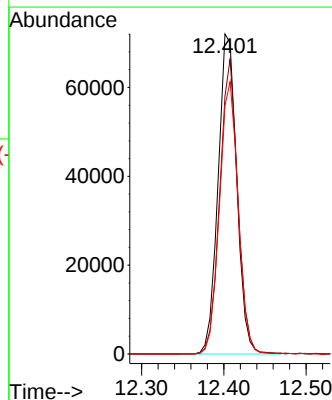
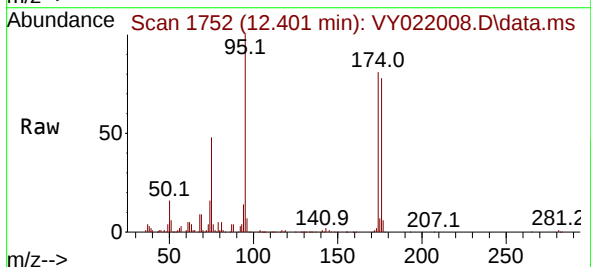
Instrument :
MSVOA_Y
ClientSampleId :
HT3727

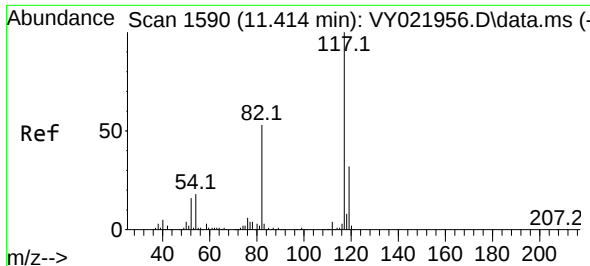
Tgt Ion: 98 Resp: 507373
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.153 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

Tgt Ion: 95 Resp: 113454
Ion Ratio Lower Upper
95 100
174 89.3 0.0 179.0
176 85.4 0.0 171.8

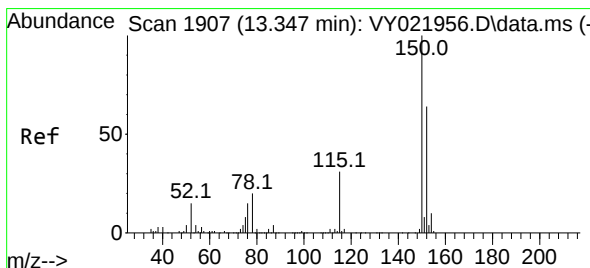
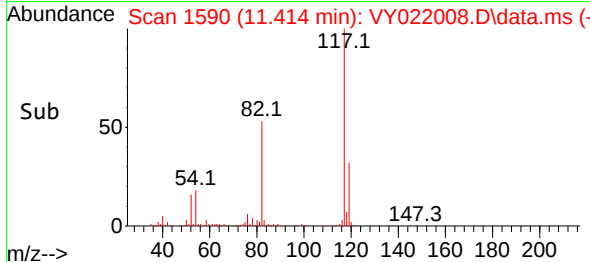
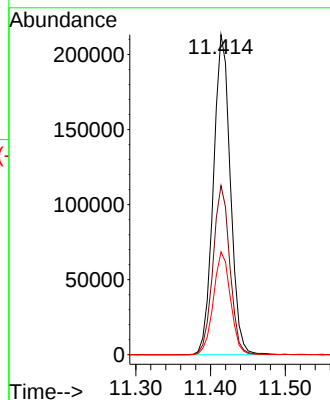
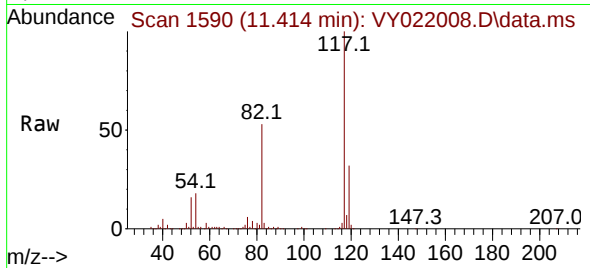




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :
HT3727

Tgt Ion:117 Resp: 337868
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022008.D
Acq: 25 Apr 2025 14:38

Tgt Ion:152 Resp: 113135
Ion Ratio Lower Upper
152 100
115 55.8 28.0 84.0
150 156.4 0.0 345.6

