

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
 Data File : VY022126.D
 Acq On : 02 May 2025 14:04
 Operator : SY/MD
 Sample : Q1932-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: May 03 02:50:50 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	357597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	670550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	585815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	235529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	167464	50.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.400%
35) Dibromofluoromethane	7.628	113	216018	48.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.103	98	798096	47.787	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.402	95	236603	42.083	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.160%

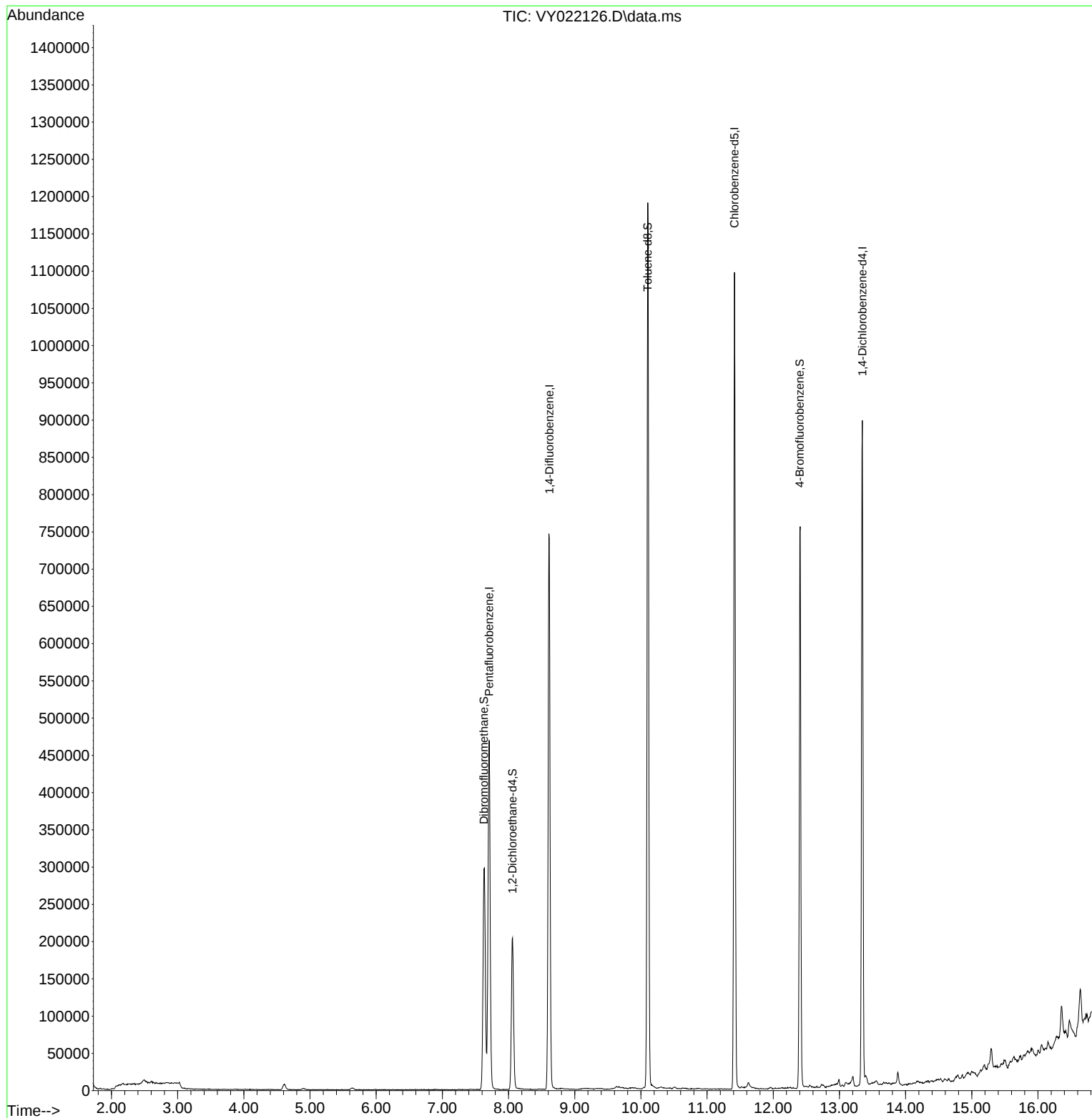
Target Compounds	Qvalue

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

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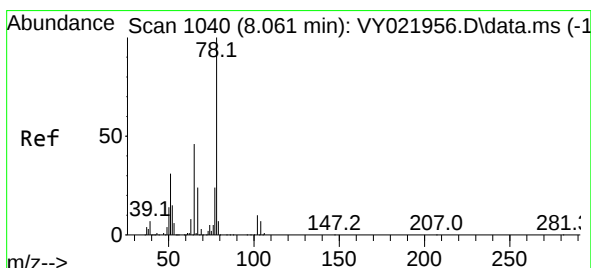
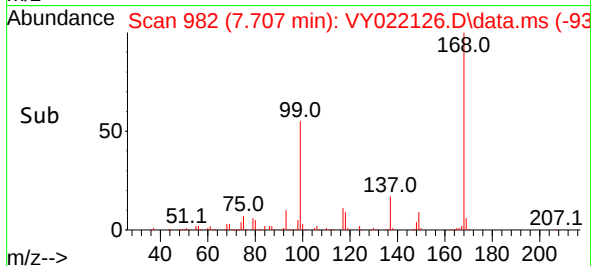
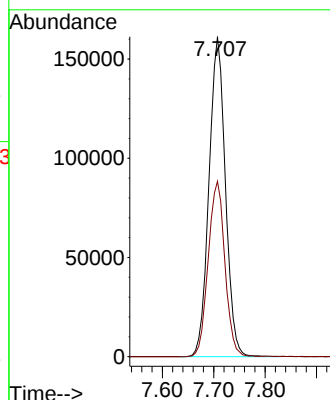
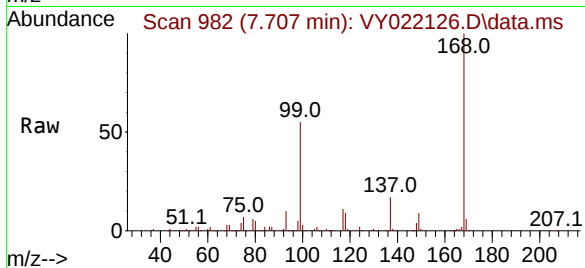




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

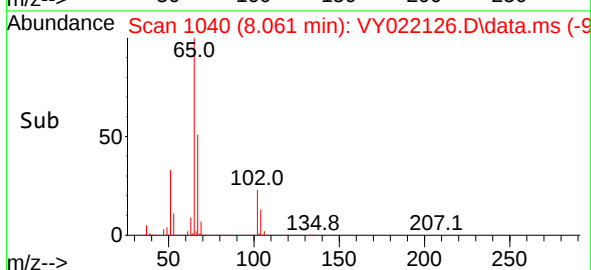
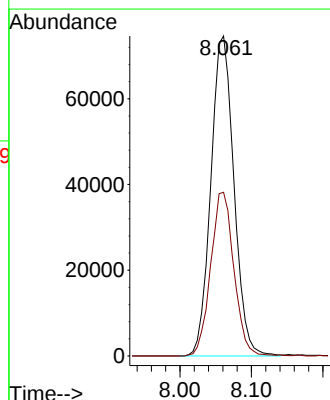
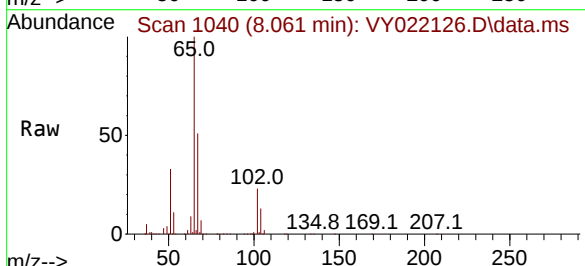
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

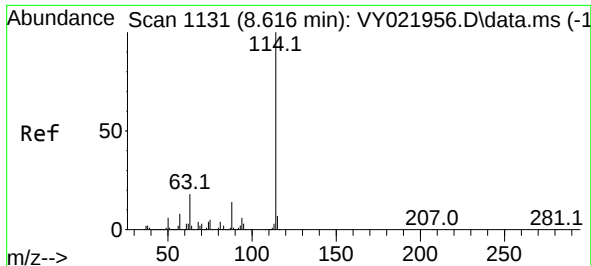
Tgt Ion:168 Resp: 357597
Ion Ratio Lower Upper
168 100
99 54.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 50.700 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

Tgt Ion: 65 Resp: 167464
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8

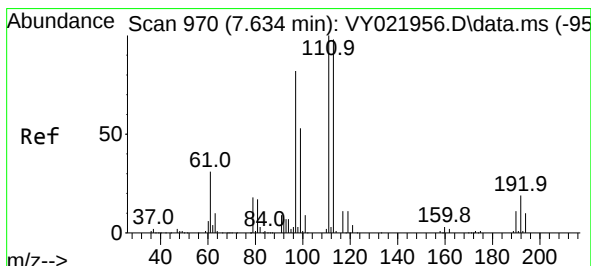
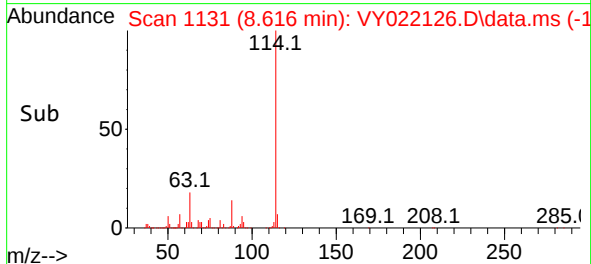
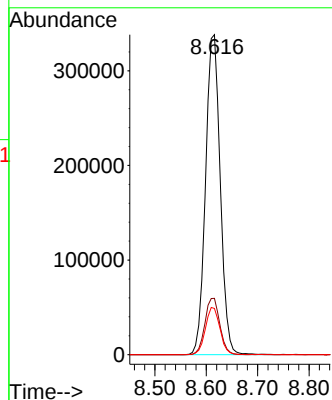
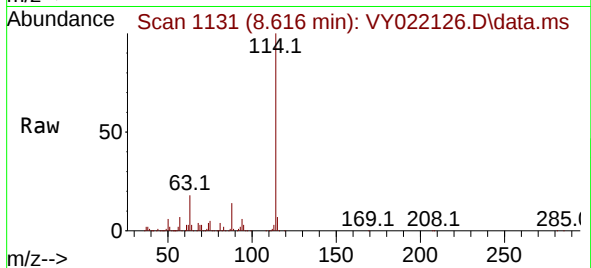




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

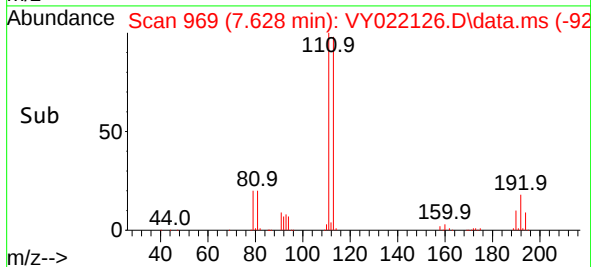
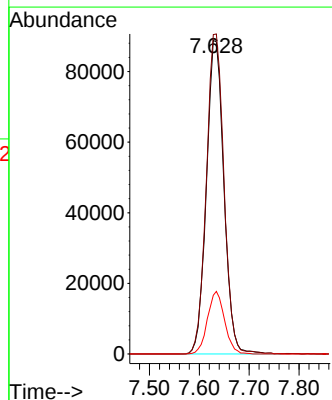
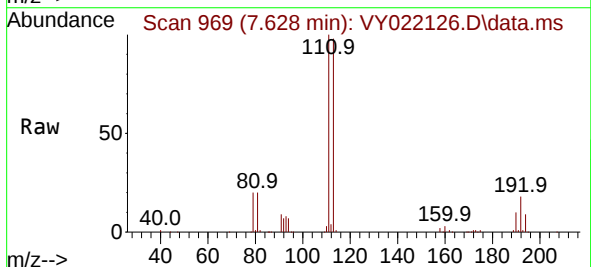
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

Tgt Ion:114 Resp: 670550
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.4
88 14.4 0.0 28.2



#35
Dibromofluoromethane
Concen: 48.762 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

Tgt Ion:113 Resp: 216018
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 19.6 15.6 23.4

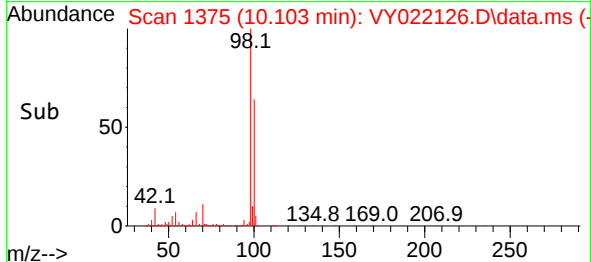
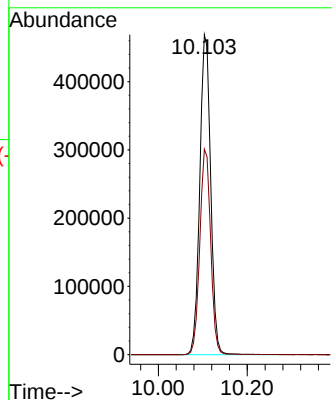
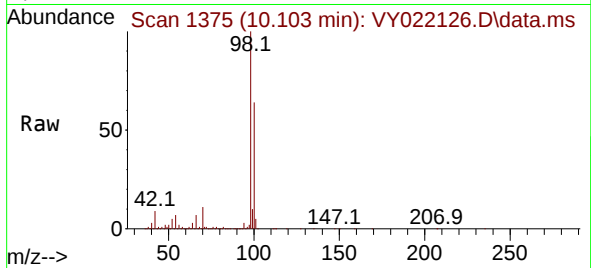




#50
Toluene-d8
Concen: 47.787 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

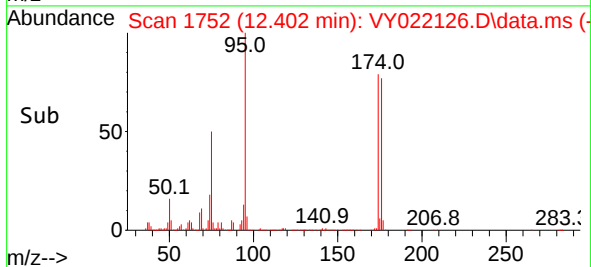
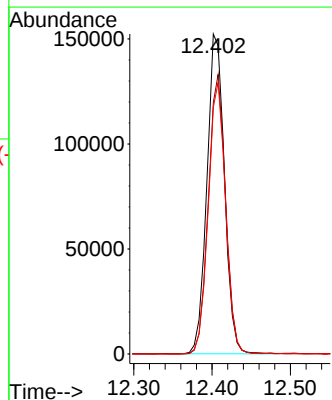
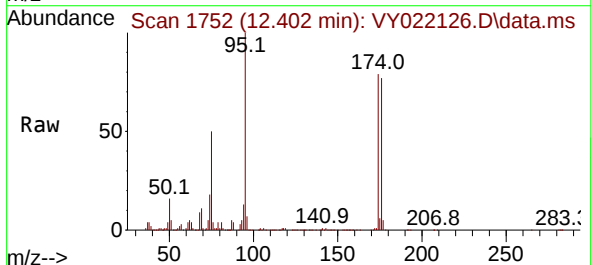
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

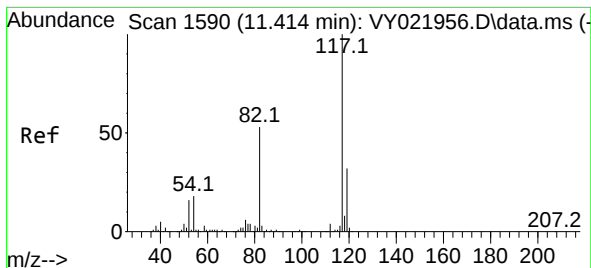
Tgt Ion: 98 Resp: 798096
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.083 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

Tgt Ion: 95 Resp: 236603
Ion Ratio Lower Upper
95 100
174 86.4 0.0 179.0
176 83.8 0.0 171.8

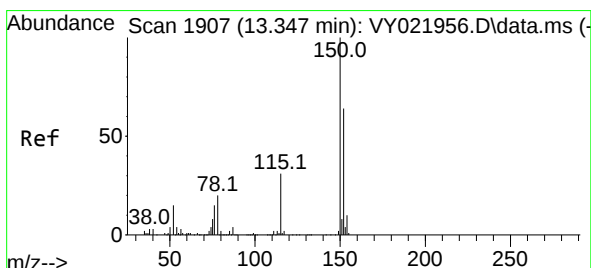
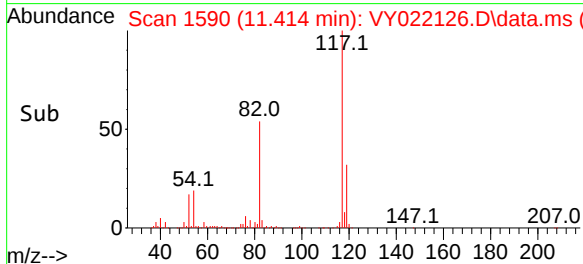
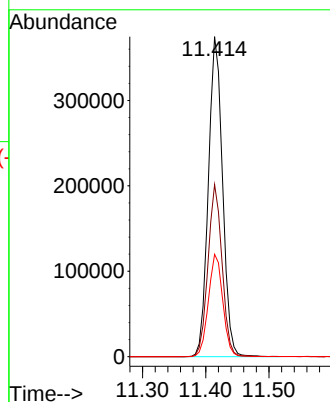
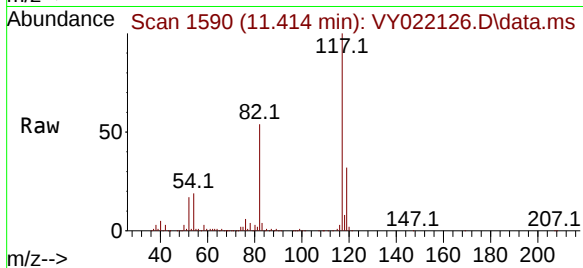




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

Tgt Ion:117 Resp: 585815
Ion Ratio Lower Upper
117 100
82 53.8 42.1 63.1
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022126.D
Acq: 02 May 2025 14:04

Tgt Ion:152 Resp: 235529
Ion Ratio Lower Upper
152 100
115 57.8 28.0 84.0
150 158.7 0.0 345.6

