

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022630.D
 Acq On : 09 Jun 2025 15:10
 Operator : SY/MD
 Sample : Q2265-02
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP11-MHL-VOC

Quant Time: Jun 10 01:30:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	270086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	515434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	420424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	163076	53.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.980%
35) Dibromofluoromethane	7.634	113	155936	50.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.380%
50) Toluene-d8	10.109	98	626336	50.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.408	95	156001	42.119	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.240%

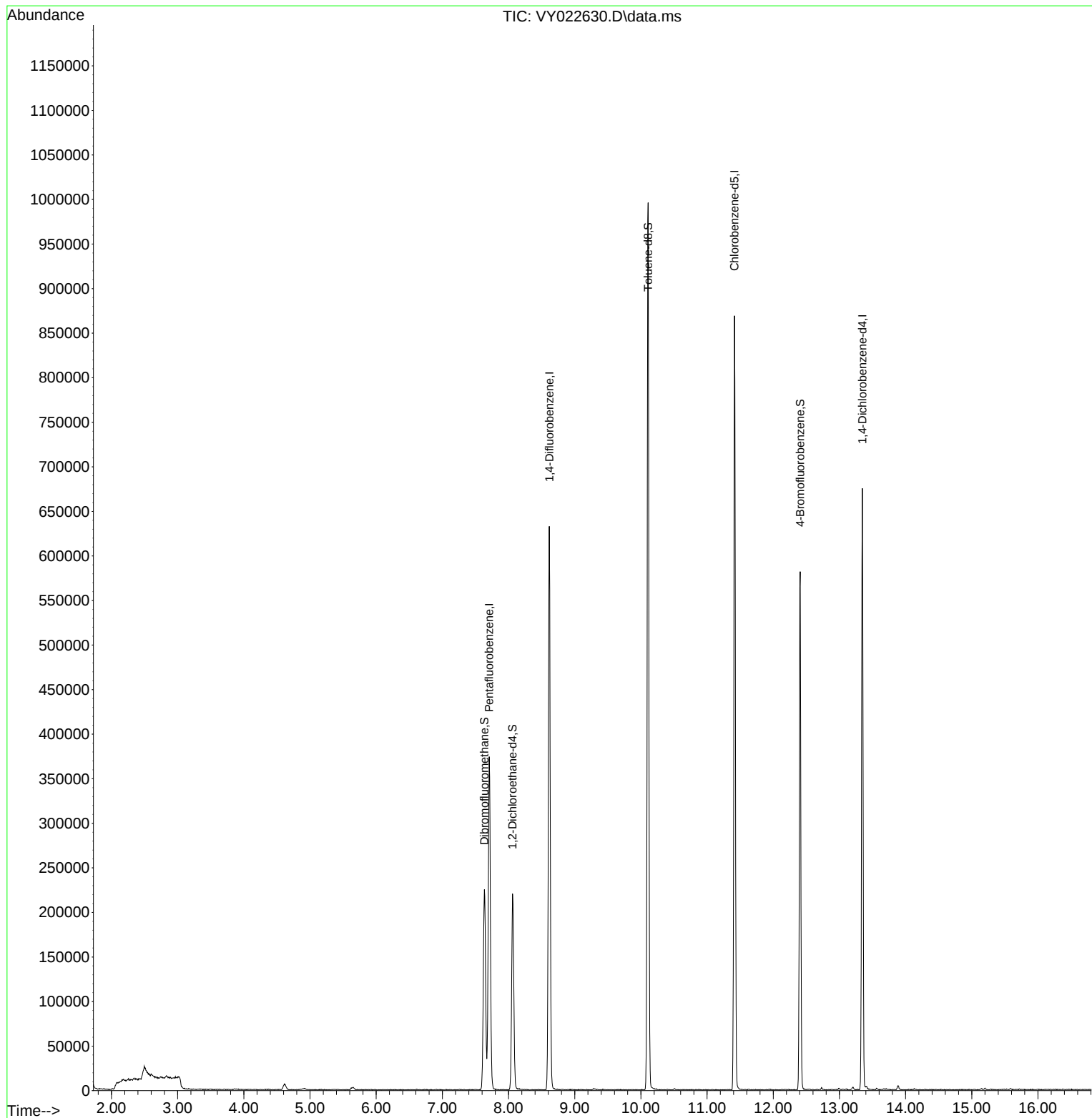
Target Compounds	Qvalue

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

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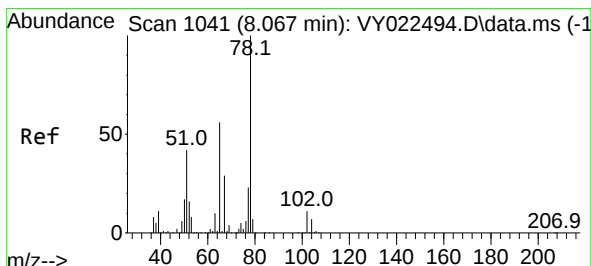
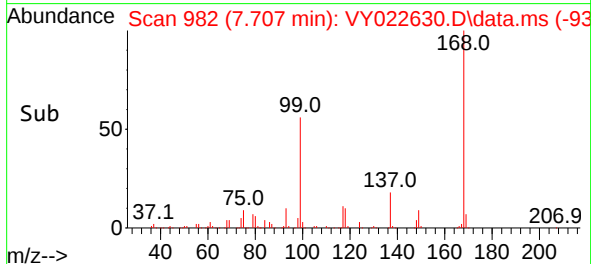
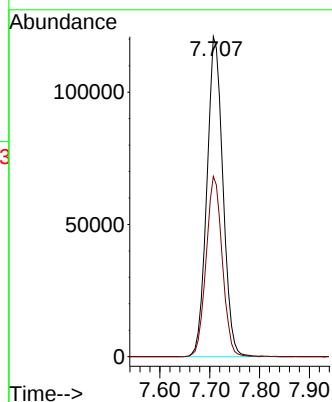
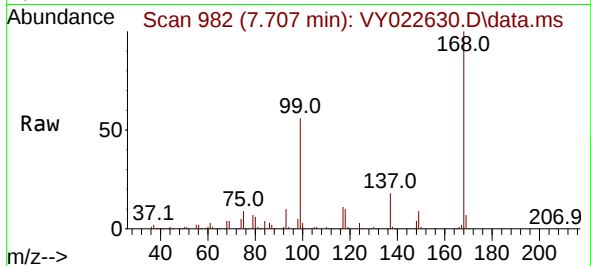




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022630.D
Acq: 09 Jun 2025 15:10

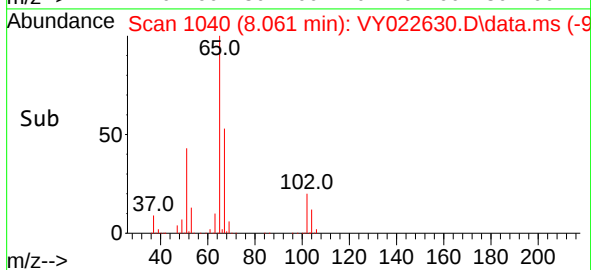
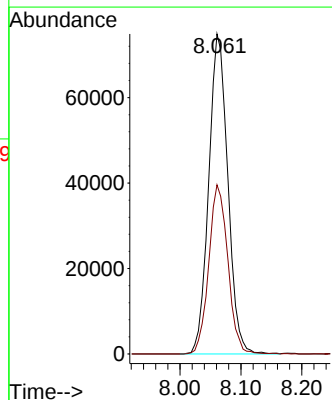
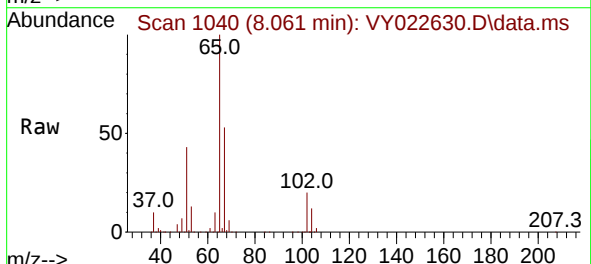
Instrument :
MSVOA_Y
ClientSampleId :
TP11-MHL-VOC

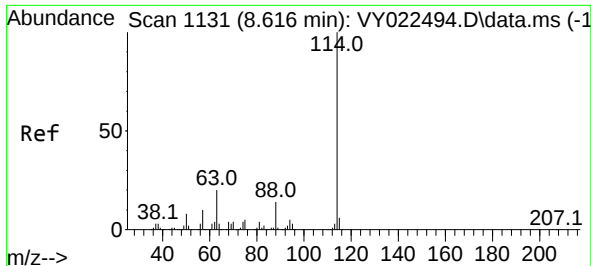
Tgt Ion:168 Resp: 270086
Ion Ratio Lower Upper
168 100
99 56.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 53.985 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022630.D
Acq: 09 Jun 2025 15:10

Tgt Ion: 65 Resp: 163076
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4

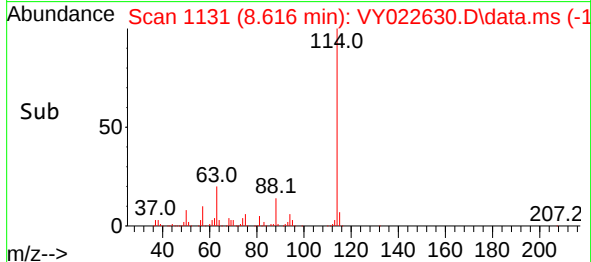
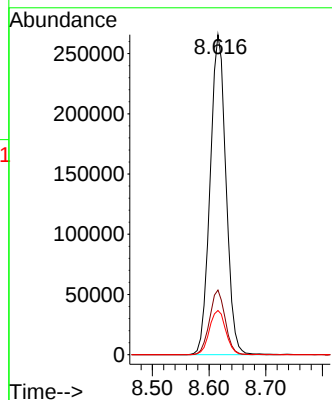
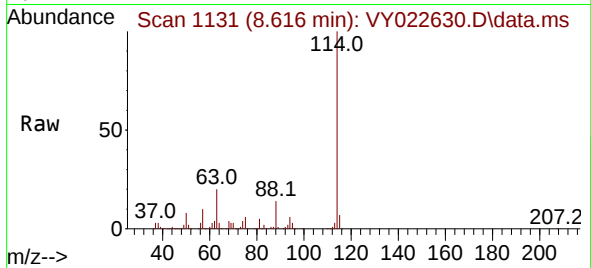




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022630.D
 Acq: 09 Jun 2025 15:10

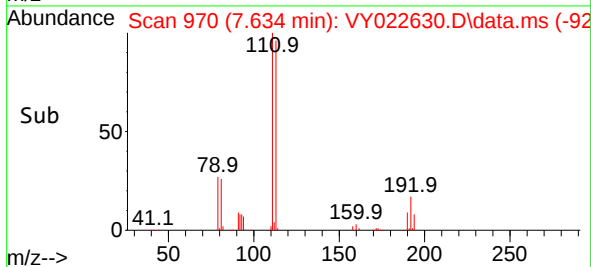
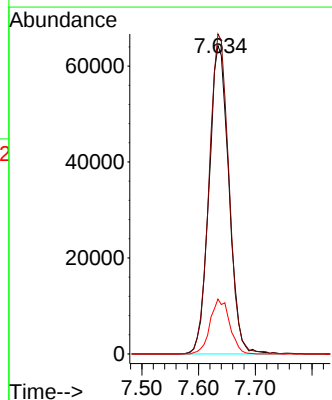
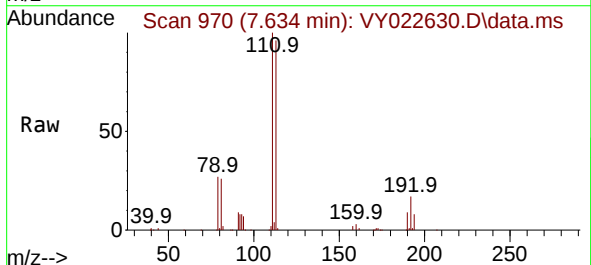
Instrument :
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 ClientSampleId :
 TP11-MHL-VOC

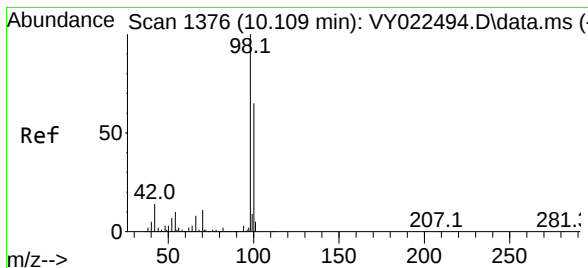
Tgt Ion:114 Resp: 515434
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 13.8 0.0 27.8



#35
 Dibromofluoromethane
 Concen: 50.686 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY022630.D
 Acq: 09 Jun 2025 15:10

Tgt Ion:113 Resp: 155936
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.1 121.7
 192 17.5 14.2 21.2

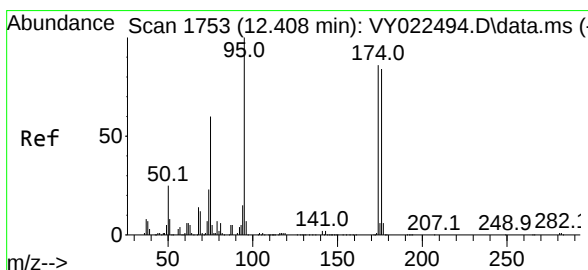
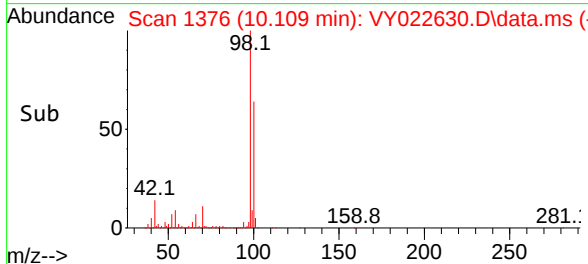
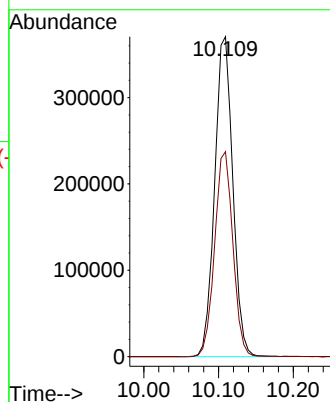
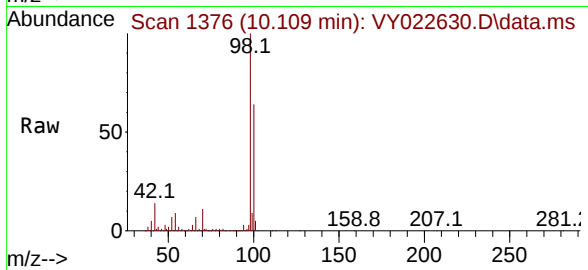




#50
Toluene-d8
Concen: 50.385 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022630.D
Acq: 09 Jun 2025 15:10

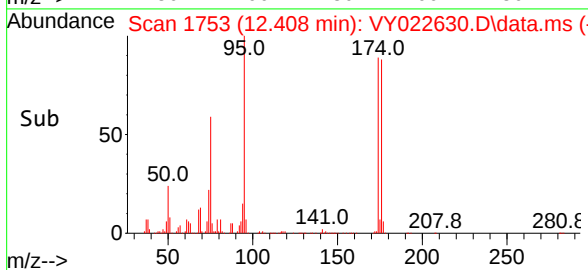
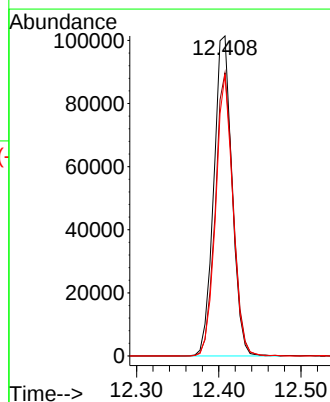
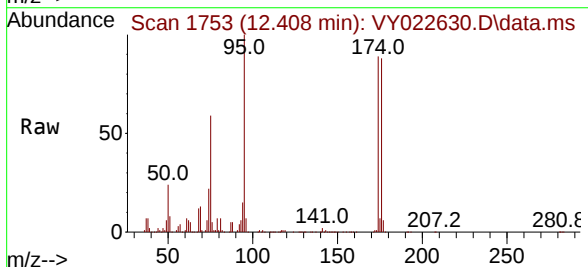
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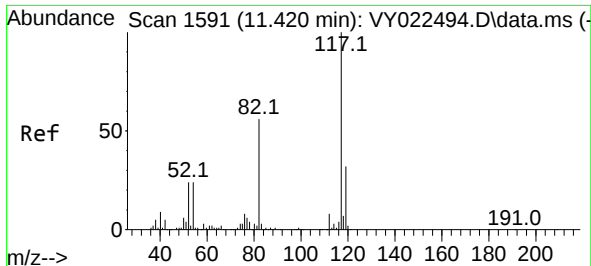
Tgt Ion: 98 Resp: 626336
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.119 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022630.D
Acq: 09 Jun 2025 15:10

Tgt Ion: 95 Resp: 156001
Ion Ratio Lower Upper
95 100
174 87.0 0.0 170.0
176 83.2 0.0 166.2

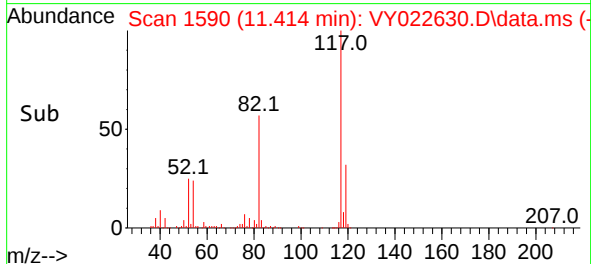
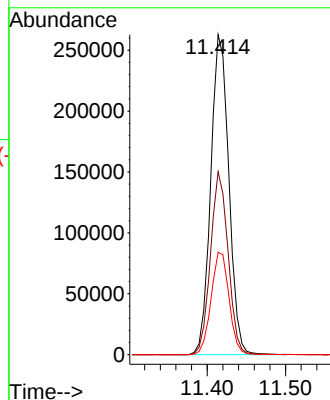
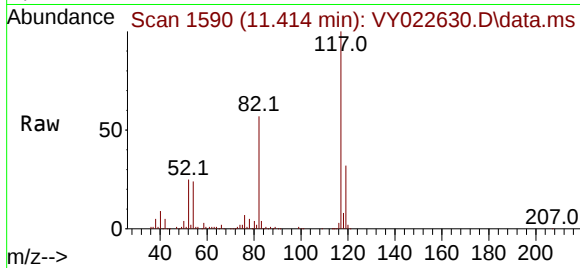




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022630.D
Acq: 09 Jun 2025 15:10

Instrument :
MSVOA_Y
ClientSampleId :
TP11-MHL-VOC

Tgt Ion:117 Resp: 420424
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022630.D
Acq: 09 Jun 2025 15:10

Tgt Ion:152 Resp: 153653
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 159.3 0.0 349.6

