

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022632.D
 Acq On : 09 Jun 2025 15:56
 Operator : SY/MD
 Sample : Q2266-07
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Jun 10 01:31:01 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	7.713	168	268126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	501785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	410010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	151111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	149870	49.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.960%
35) Dibromofluoromethane	7.640	113	148666	49.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.109	98	620637	51.284	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.408	95	151211	41.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.880%

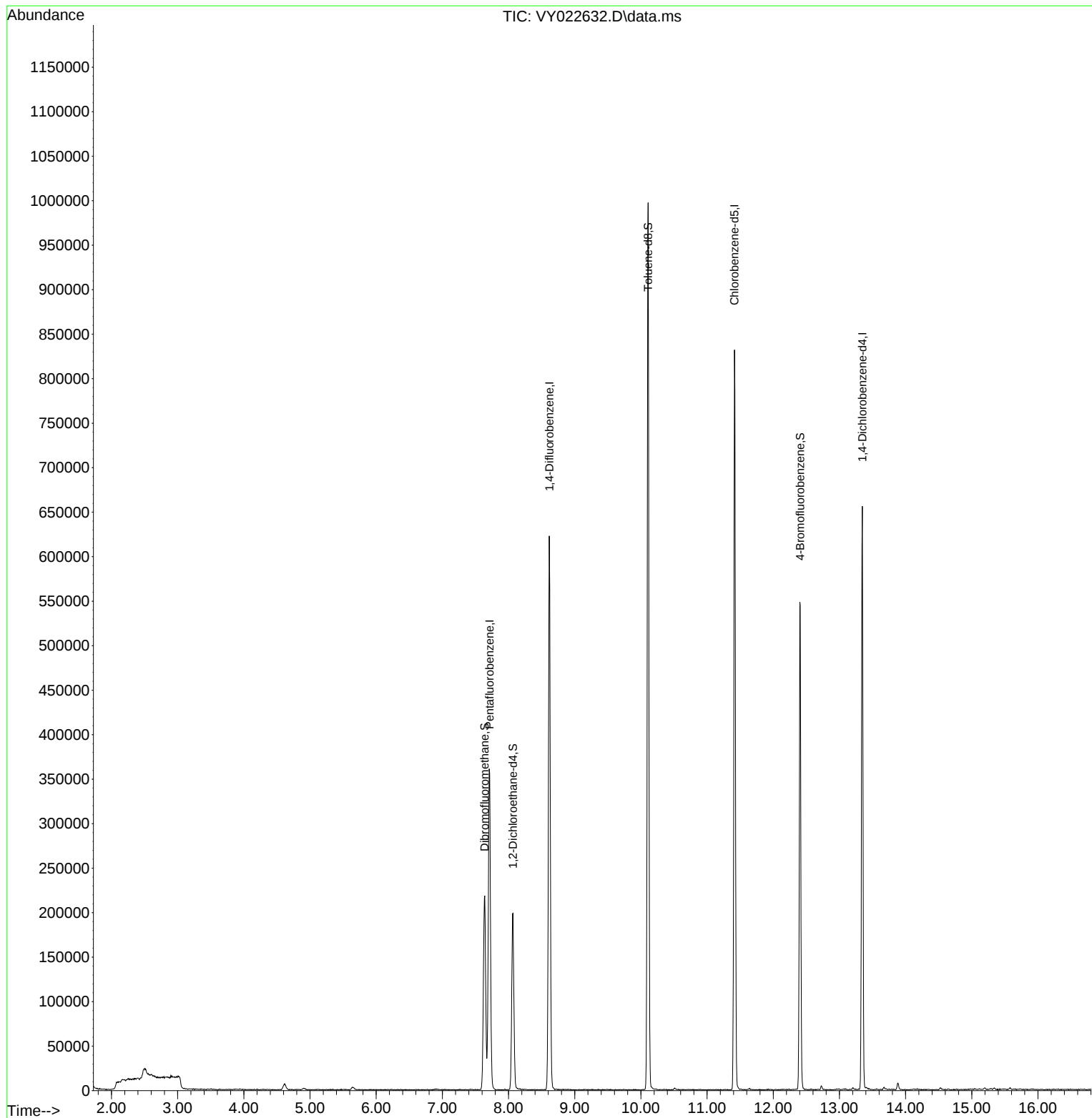
Target Compounds	Qvalue

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

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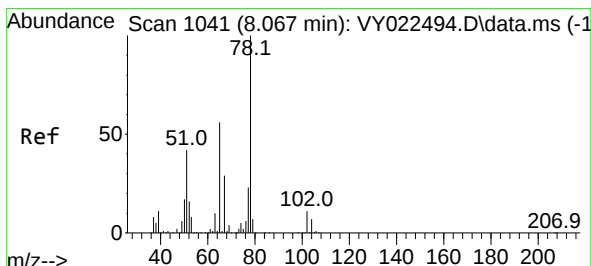
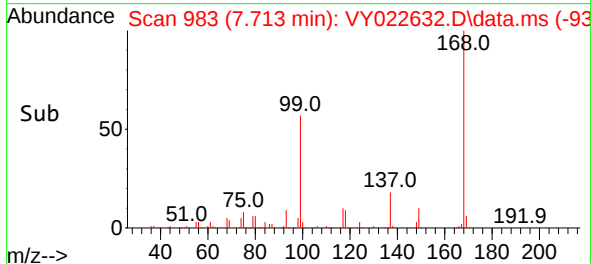
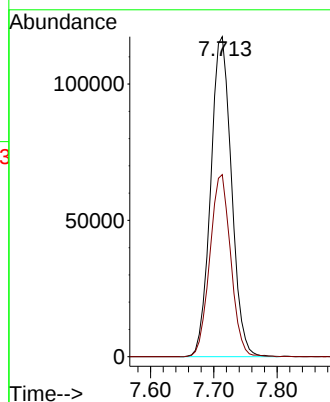
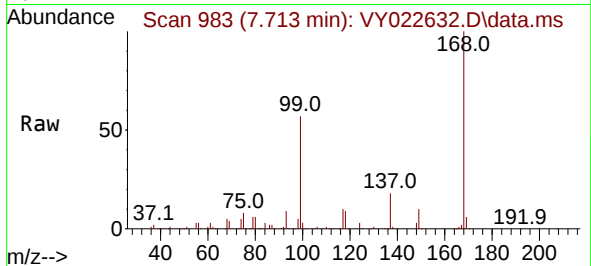




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

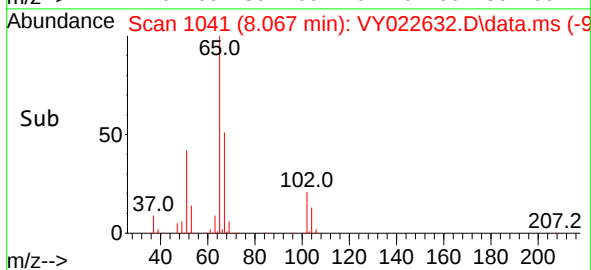
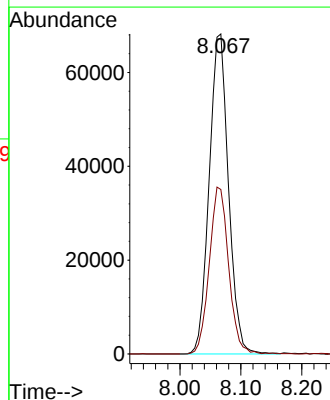
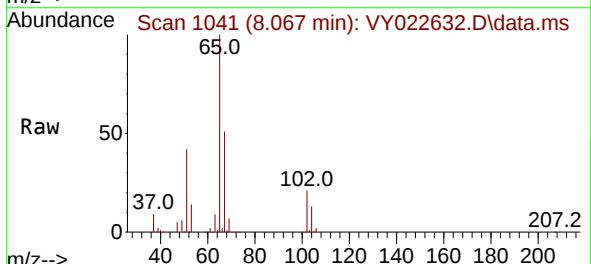
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

Tgt Ion:168 Resp: 268126
Ion Ratio Lower Upper
168 100
99 56.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 49.976 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

Tgt Ion: 65 Resp: 149870
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

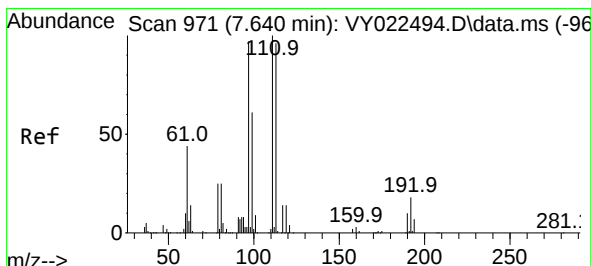
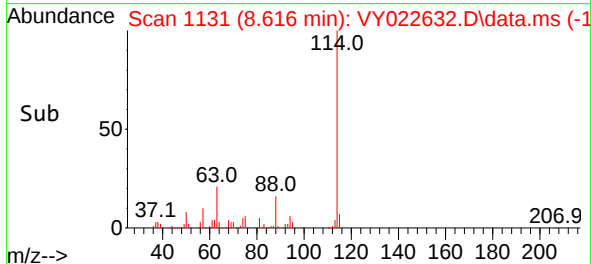
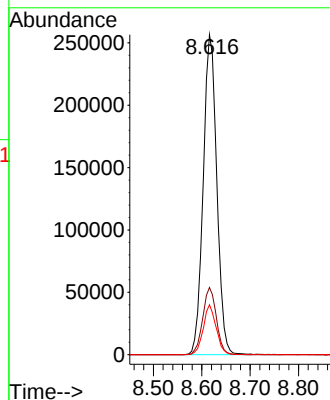
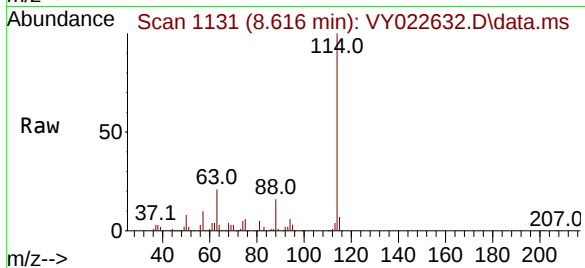




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

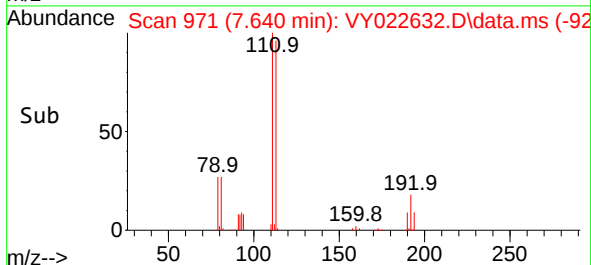
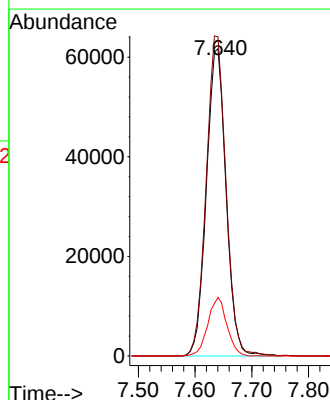
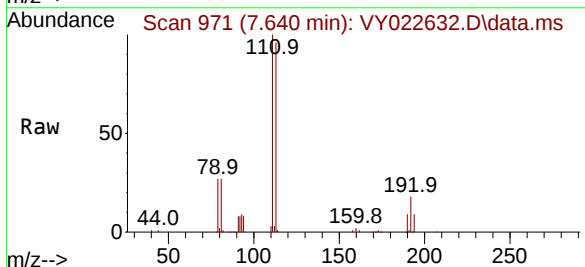
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

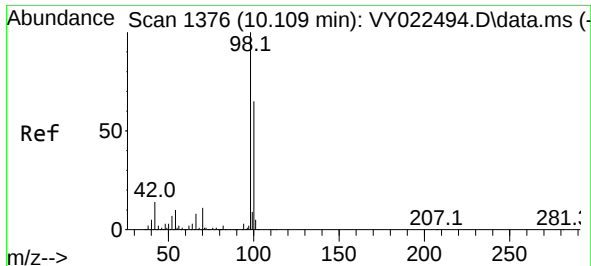
Tgt Ion:114 Resp: 501785
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.6 0.0 27.8



#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

Tgt Ion:113 Resp: 148666
Ion Ratio Lower Upper
113 100
111 104.9 81.1 121.7
192 18.5 14.2 21.2

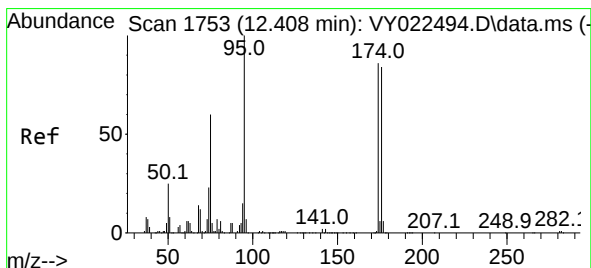
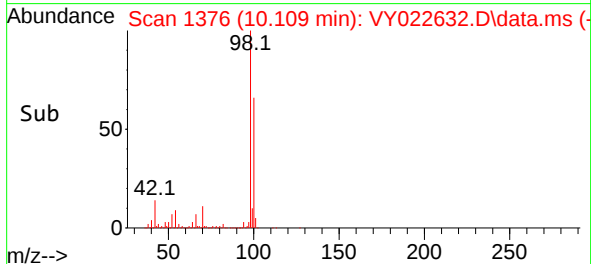
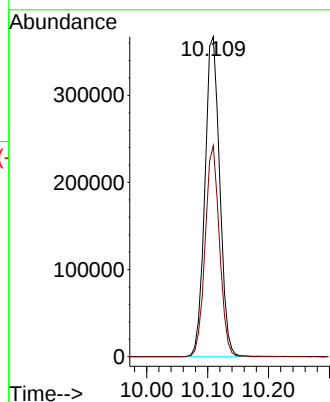
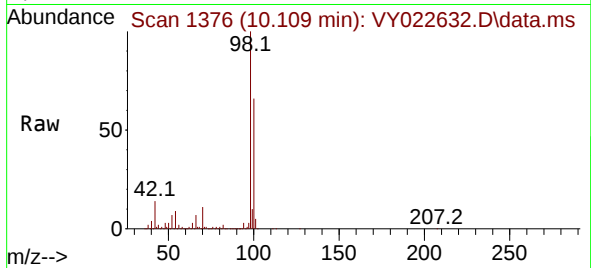




#50
Toluene-d8
Concen: 51.284 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

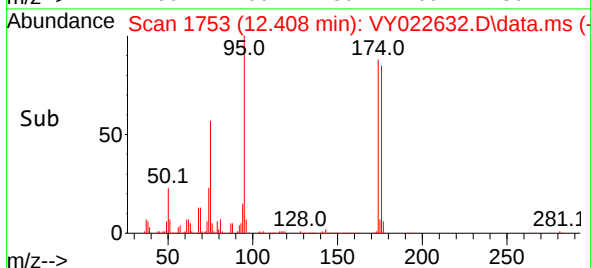
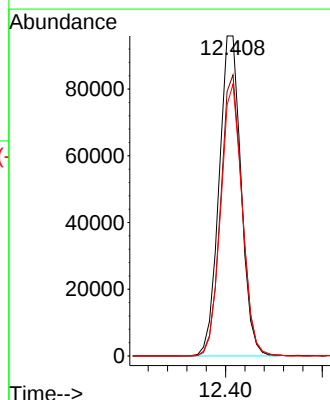
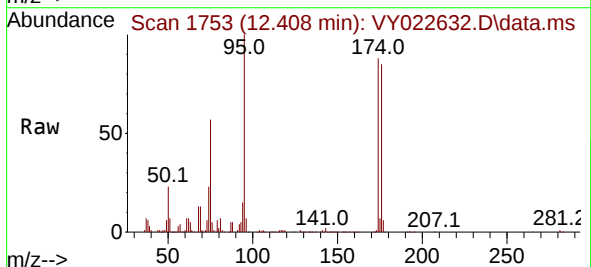
Instrument :
MSVOA_Y
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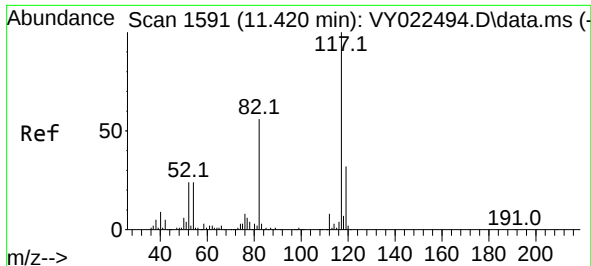
Tgt Ion: 98 Resp: 620637
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.936 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

Tgt Ion: 95 Resp: 151211
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.0
176 82.9 0.0 166.2

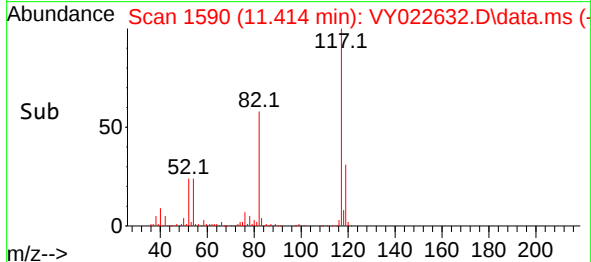
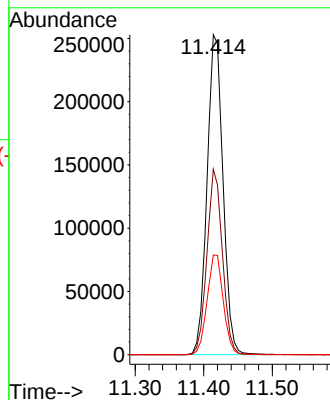
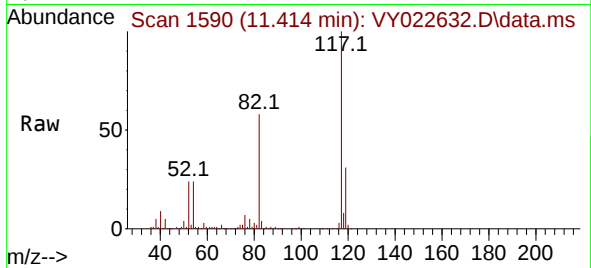




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

Tgt Ion:117 Resp: 410010
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022632.D
Acq: 09 Jun 2025 15:56

Tgt Ion:152 Resp: 151111
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 154.9 0.0 349.6

