

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023215.D
 Acq On : 28 Aug 2025 10:02
 Operator : SY/MD
 Sample : VY0828SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBL01

Quant Time: Aug 29 02:06:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	694700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1286727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1122725	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	442680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	338350	51.103	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.200%
35) Dibromofluoromethane	7.640	113	398929	51.813	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.109	98	1524498	50.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.408	95	438387	45.320	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.640%

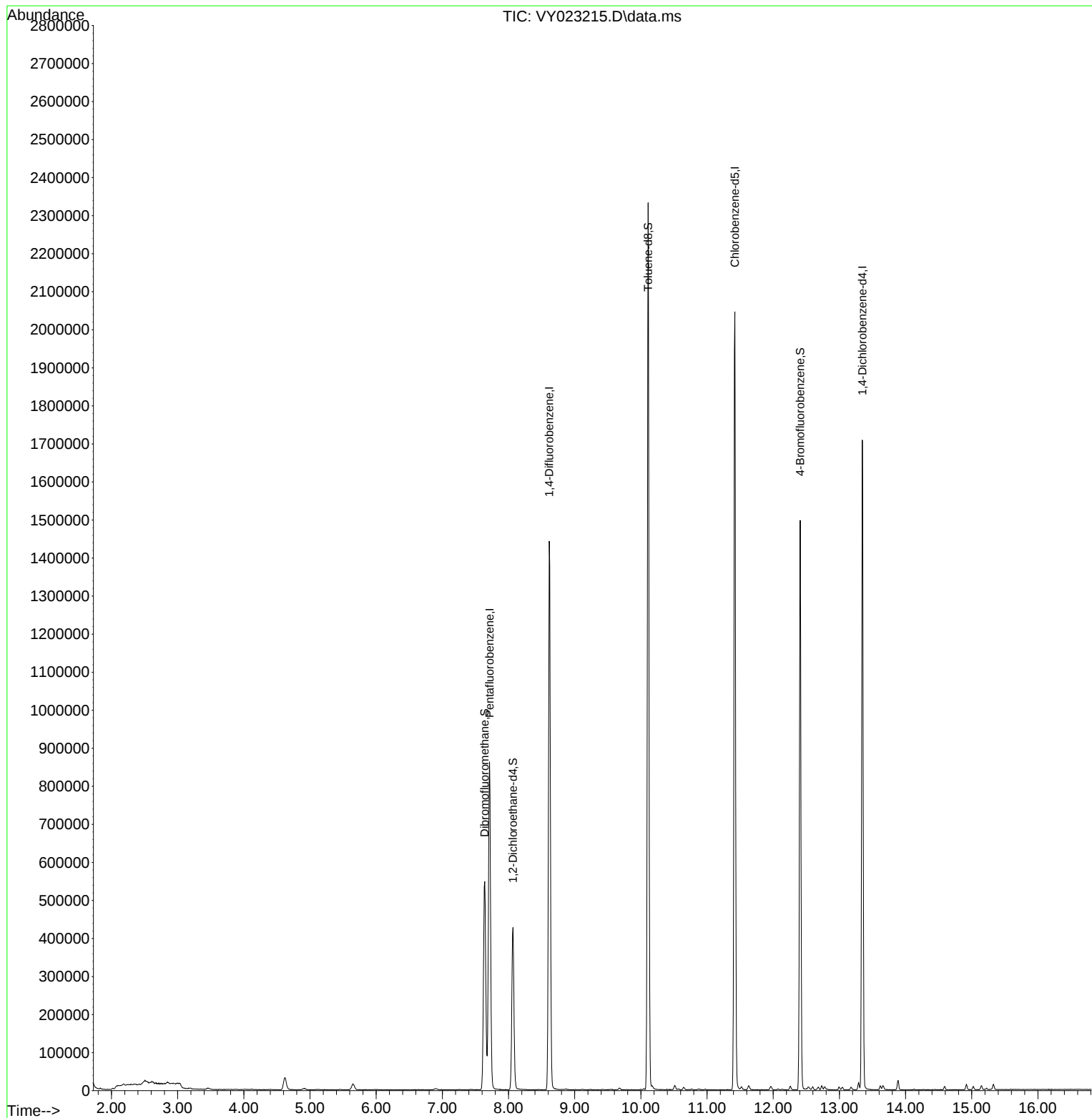
Target Compounds	Qvalue

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

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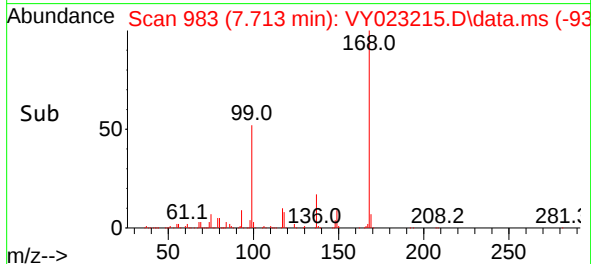
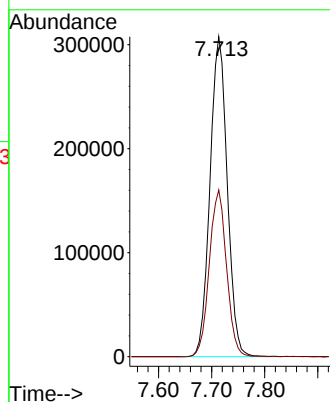
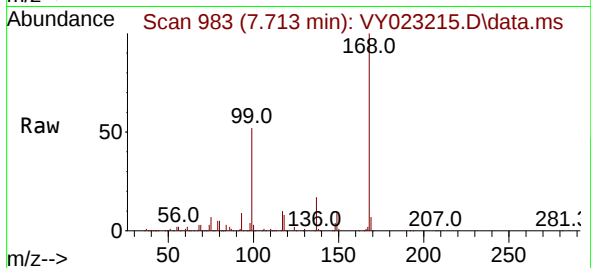




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

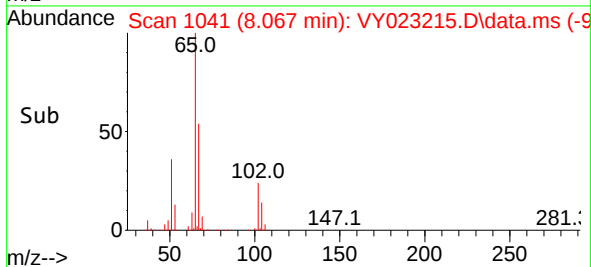
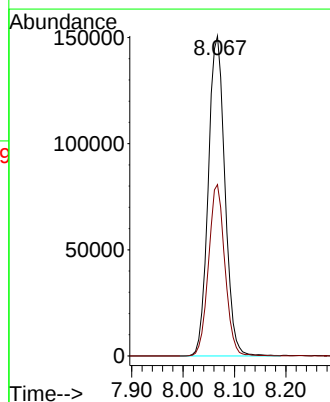
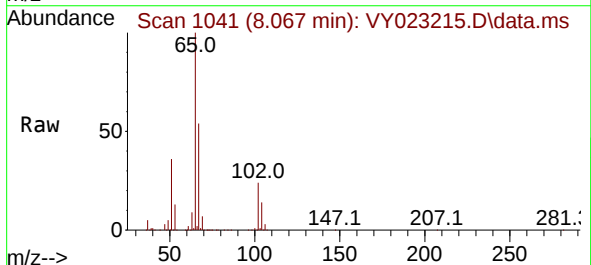
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBL01

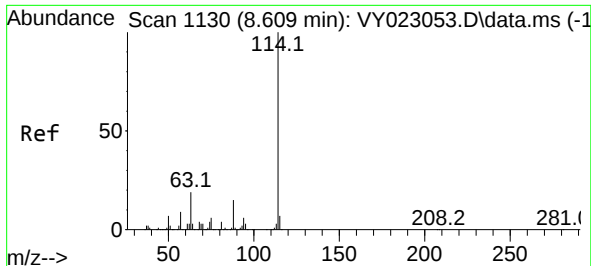
Tgt Ion:168 Resp: 694700
Ion Ratio Lower Upper
168 100
99 52.1 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 51.103 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

Tgt Ion: 65 Resp: 338350
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.8

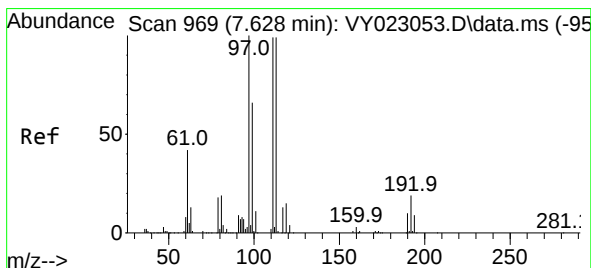
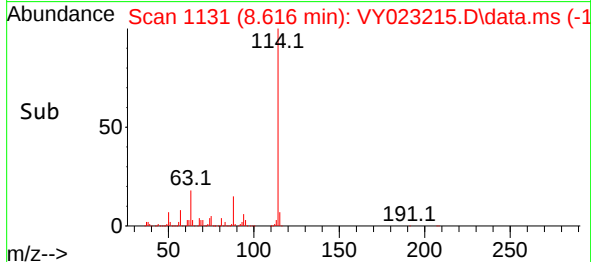
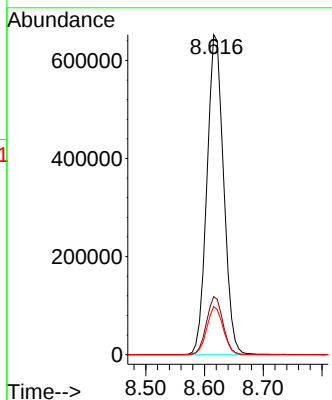
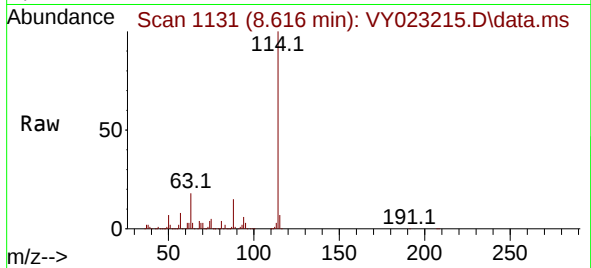




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

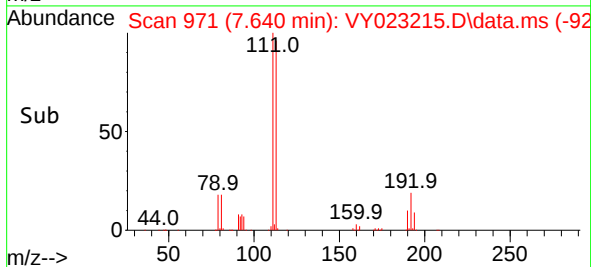
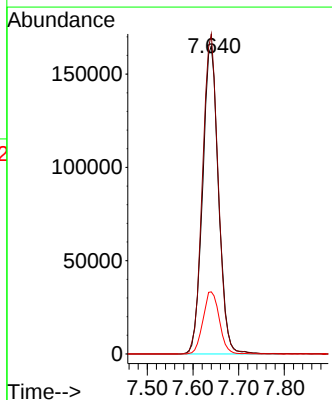
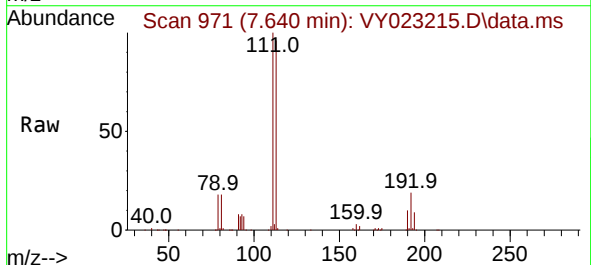
Instrument :
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ClientSampleId :
VY0828SBL01

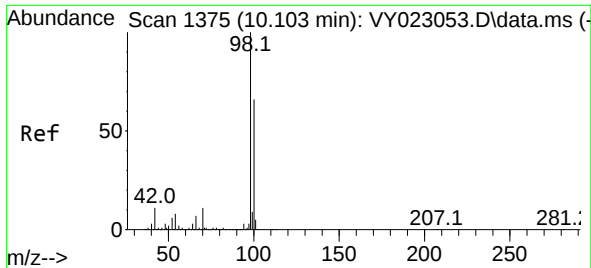
Tgt Ion:114 Resp: 1286727
Ion Ratio Lower Upper
114 100
63 18.2 0.0 38.4
88 15.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 51.813 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

Tgt Ion:113 Resp: 398929
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 20.7 16.2 24.4

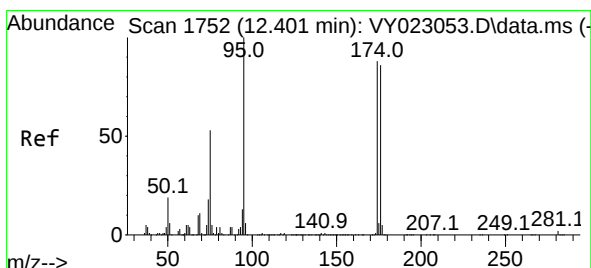
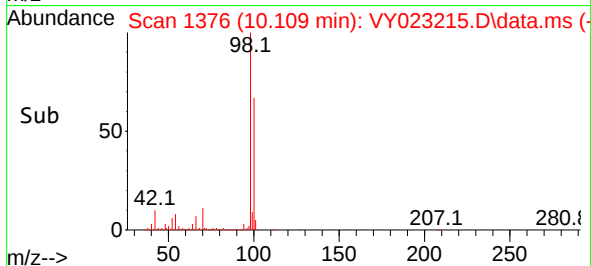
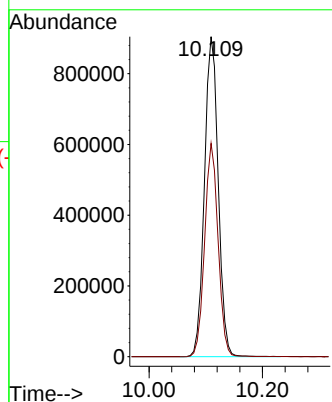
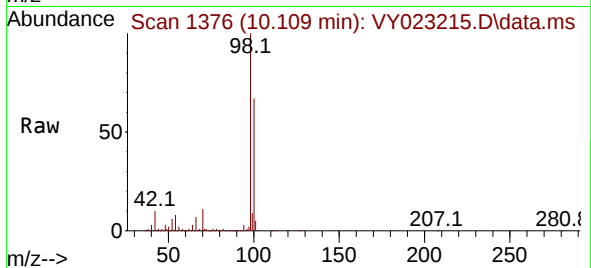




#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

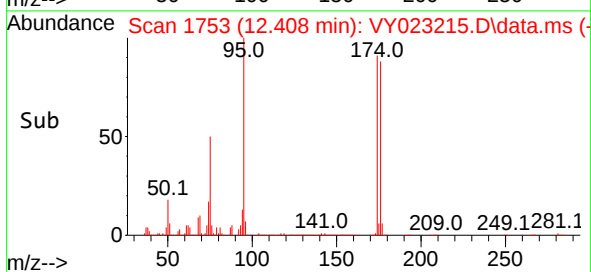
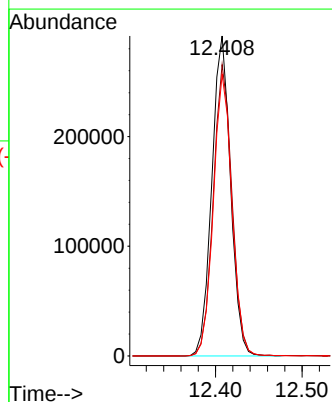
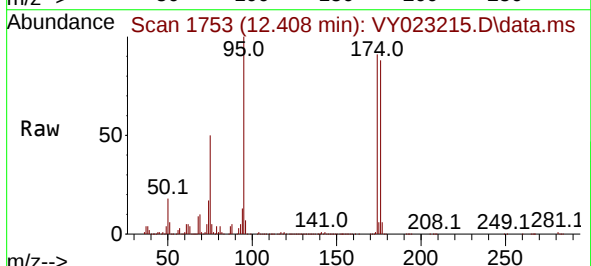
Instrument :
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VY0828SBL01

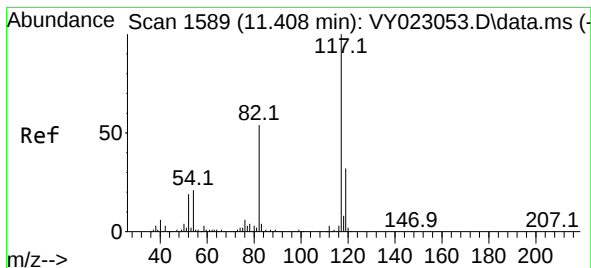
Tgt Ion: 98 Resp: 1524498
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.320 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

Tgt Ion: 95 Resp: 438387
Ion Ratio Lower Upper
95 100
174 91.1 0.0 171.6
176 87.7 0.0 167.6

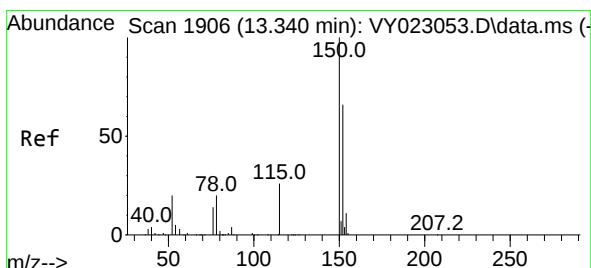
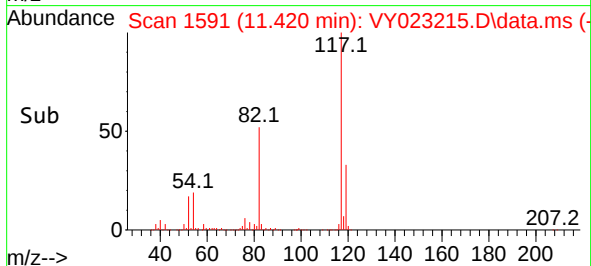
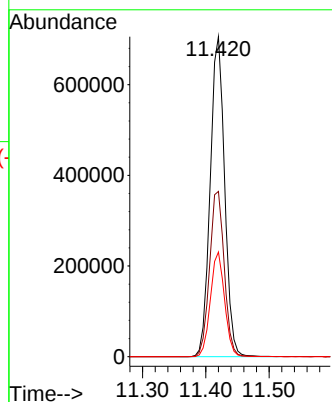
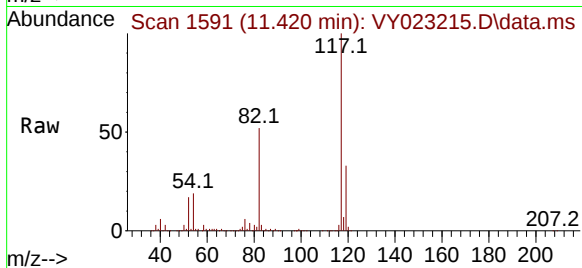




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBL01

Tgt Ion:117 Resp: 1122725
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023215.D
Acq: 28 Aug 2025 10:02

Tgt Ion:152 Resp: 442680
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.6
150 156.5 0.0 348.0

