

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022490.D
 Acq On : 02 Jun 2025 10:38
 Operator : SY/MD
 Sample : VY0602SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

Quant Time: Jun 03 04:15:22 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	336542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	609738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	480488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	169936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	206581	54.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.760%
35) Dibromofluoromethane	7.640	113	185687	51.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.040%
50) Toluene-d8	10.109	98	718886	48.885	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.408	95	184196	42.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.080%

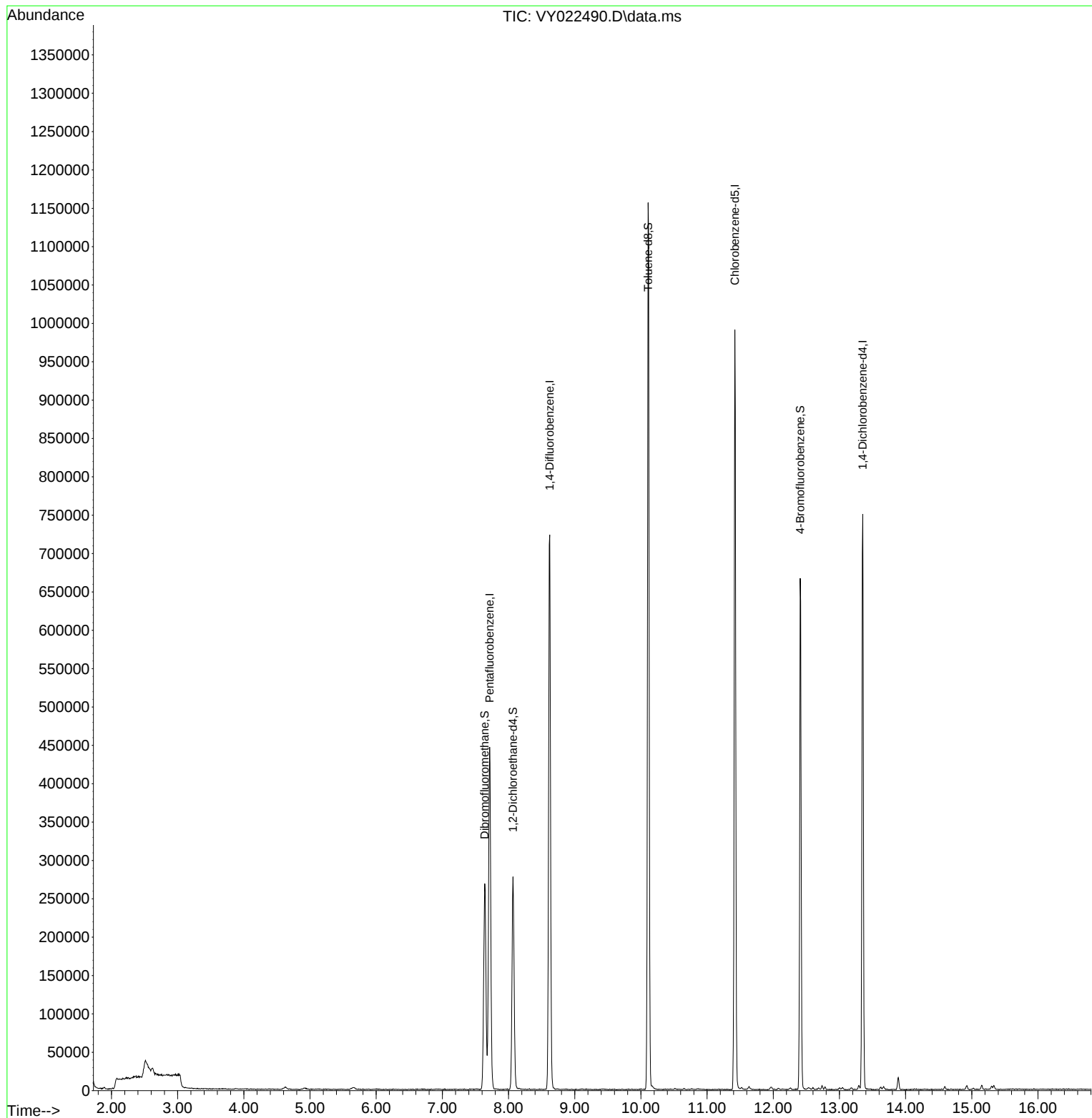
Target Compounds	Qvalue

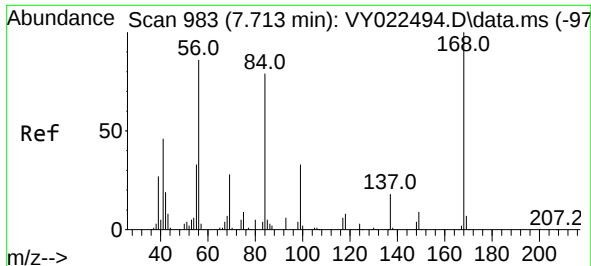
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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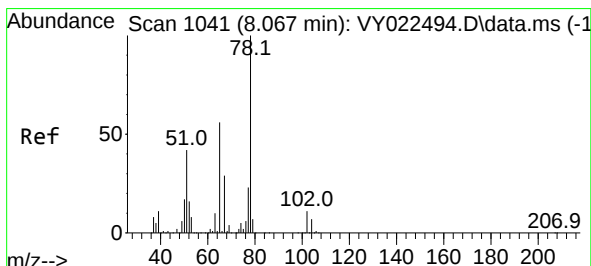
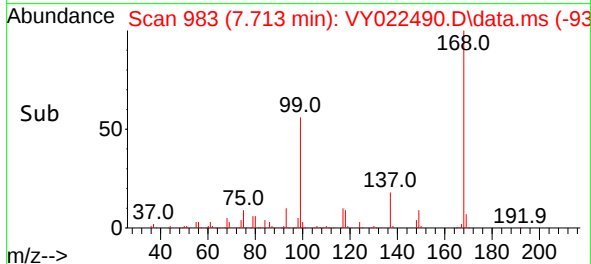
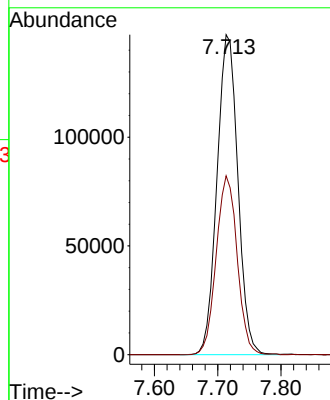
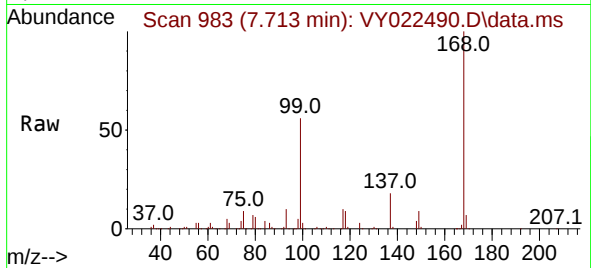




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

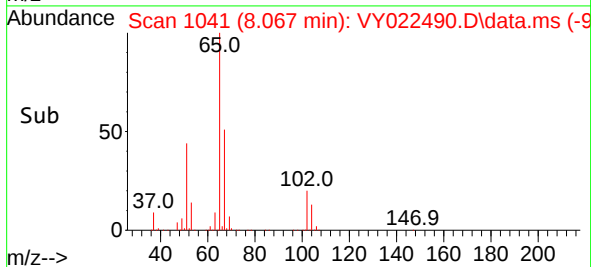
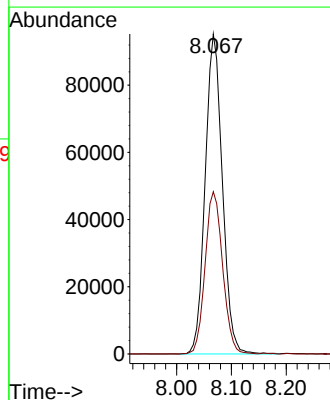
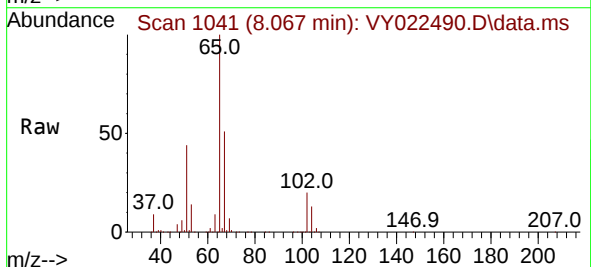
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

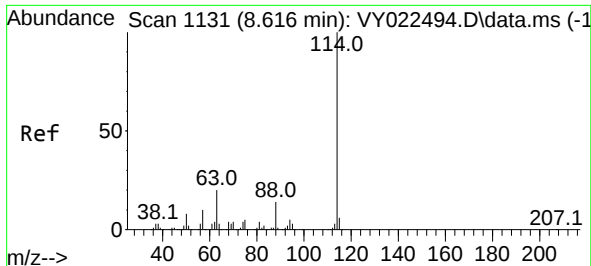
Tgt Ion:168 Resp: 336542
Ion Ratio Lower Upper
168 100
99 55.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 54.883 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

Tgt Ion: 65 Resp: 206581
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

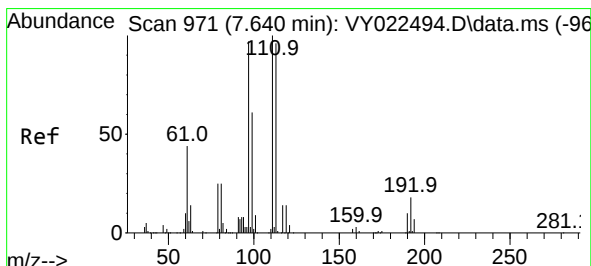
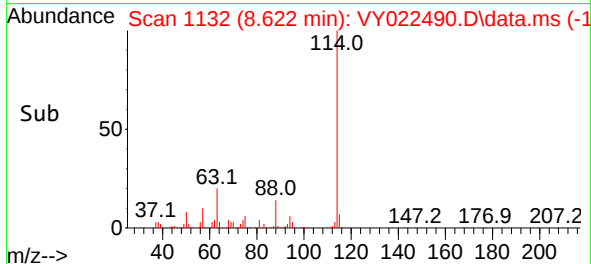
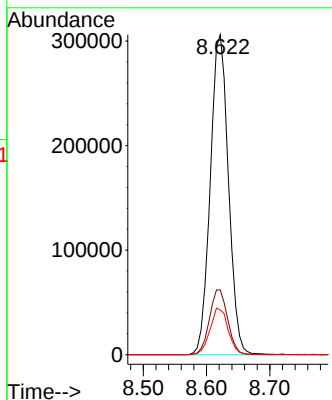
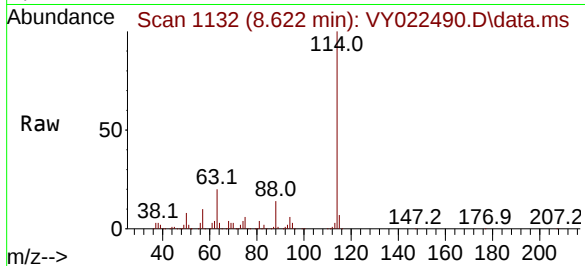




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

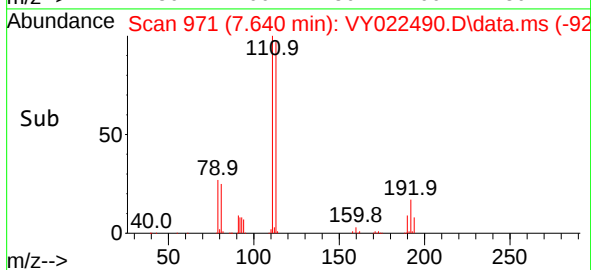
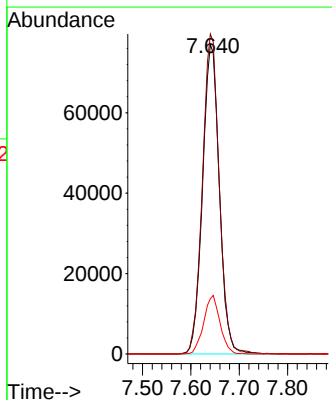
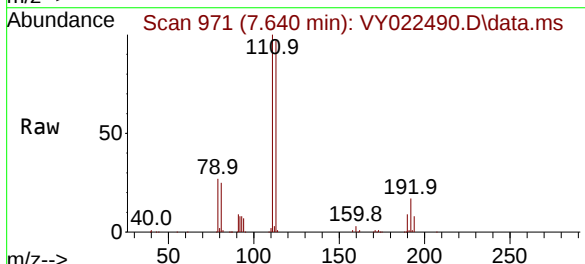
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ClientSampleId :
VY0602SBL01

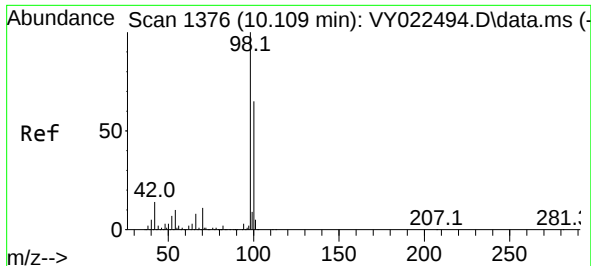
Tgt Ion:114 Resp: 609738
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 13.9 0.0 27.8



#35
Dibromofluoromethane
Concen: 51.021 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

Tgt Ion:113 Resp: 185687
Ion Ratio Lower Upper
113 100
111 103.4 81.1 121.7
192 18.4 14.2 21.2

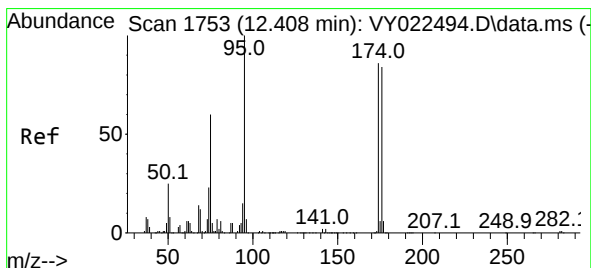
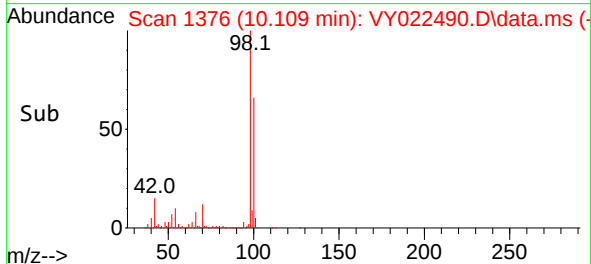
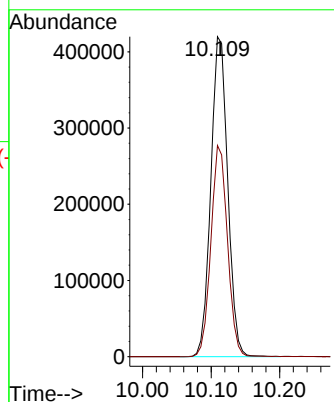
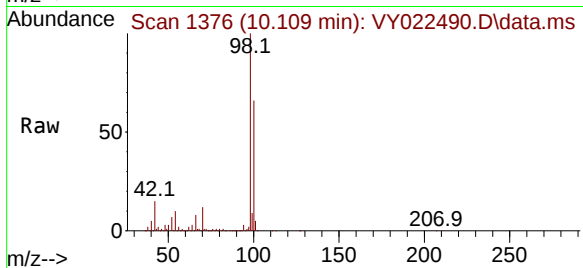




#50
Toluene-d8
Concen: 48.885 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

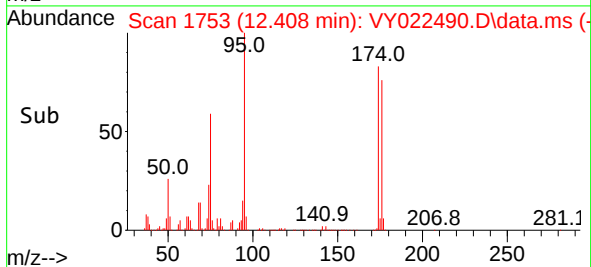
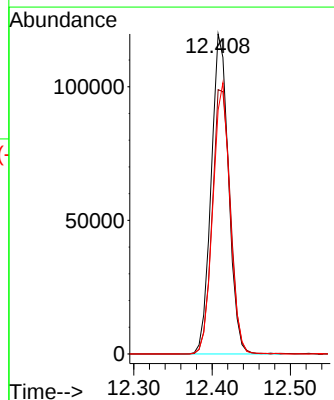
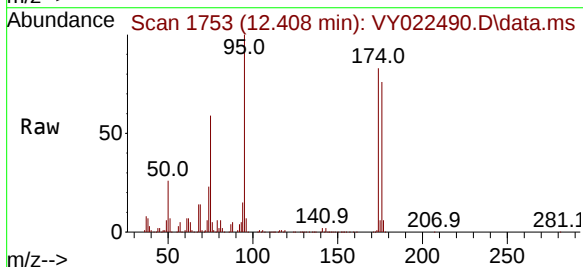
Instrument :
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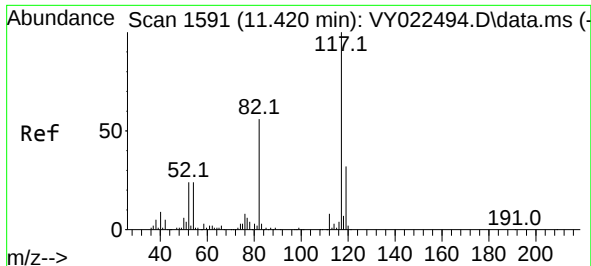
Tgt Ion: 98 Resp: 718886
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.040 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

Tgt Ion: 95 Resp: 184196
Ion Ratio Lower Upper
95 100
174 86.3 0.0 170.0
176 83.9 0.0 166.2

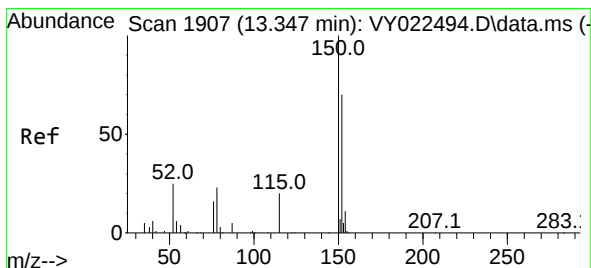
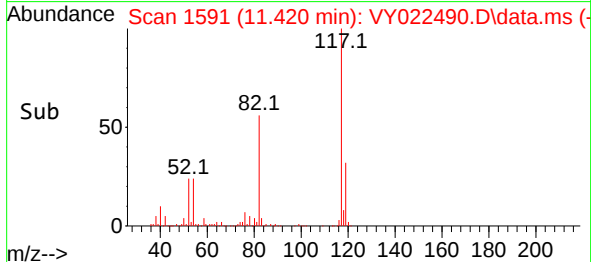
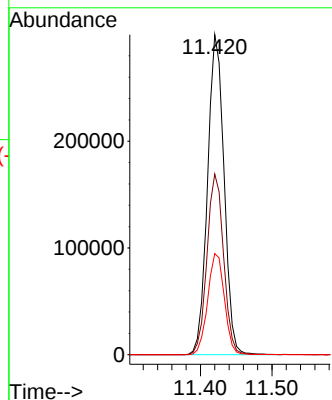
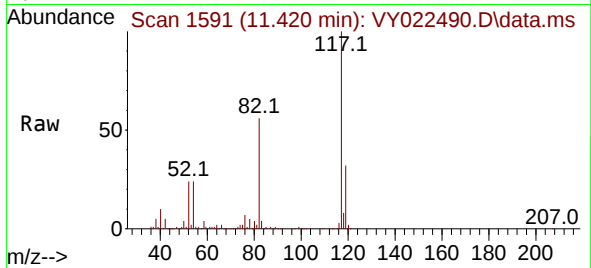




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

Tgt Ion:117 Resp: 480488
Ion Ratio Lower Upper
117 100
82 56.5 44.6 66.8
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022490.D
Acq: 02 Jun 2025 10:38

Tgt Ion:152 Resp: 169936
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 161.1 0.0 349.6

