

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022512.D
 Acq On : 03 Jun 2025 10:40
 Operator : SY/MD
 Sample : VY0603SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBL01

Quant Time: Jun 04 04:08:54 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	287398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	534399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	428748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171949	53.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.980%
35) Dibromofluoromethane	7.640	113	162497	50.944	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.109	98	643614	49.937	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.408	95	161263	41.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.980%

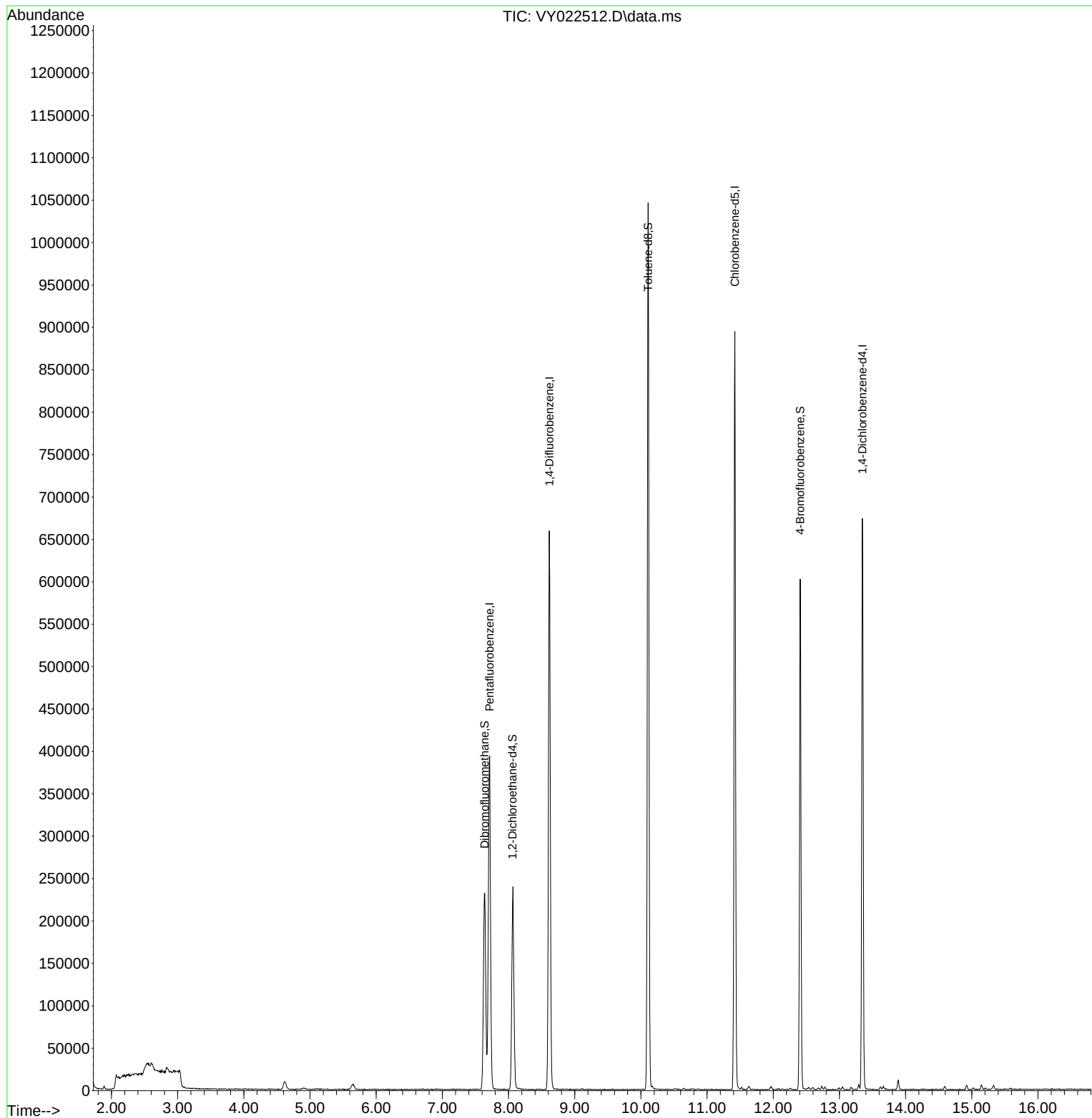
Target Compounds	Qvalue

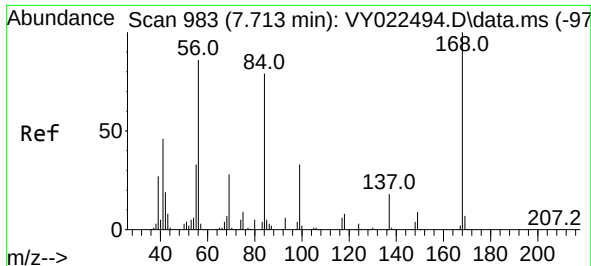
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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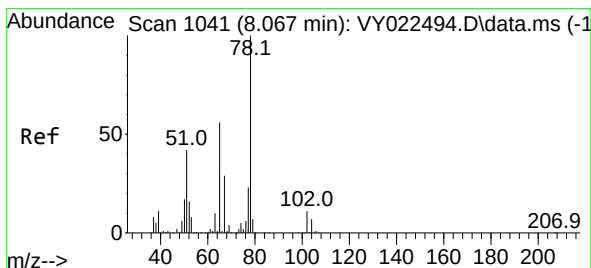
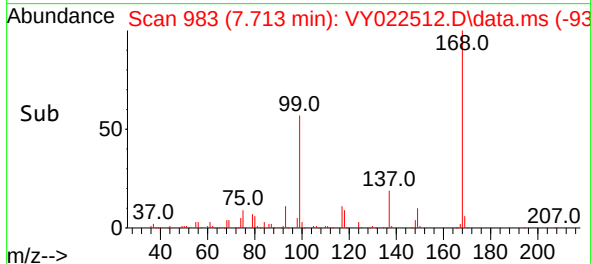
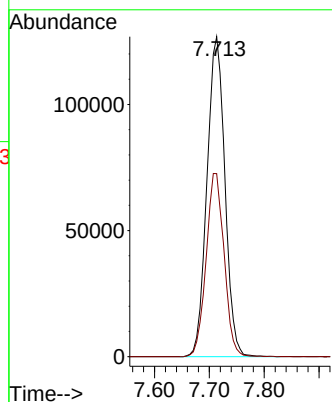
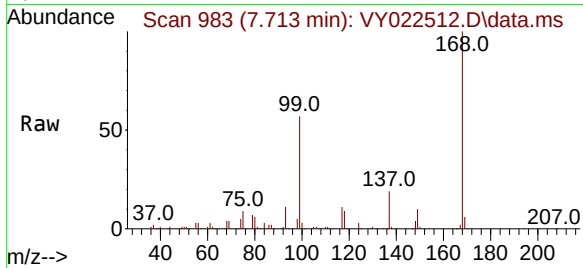




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

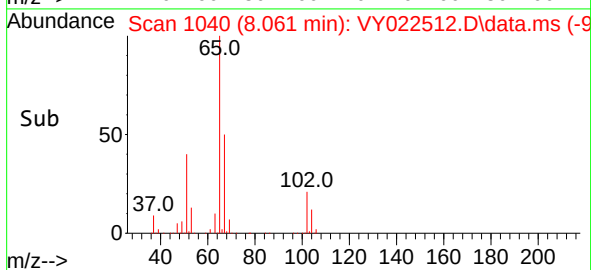
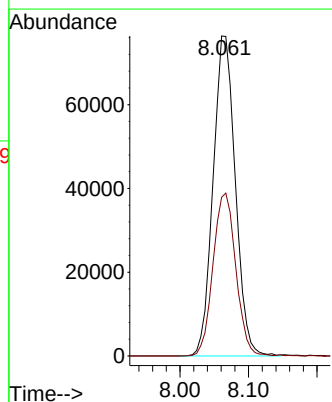
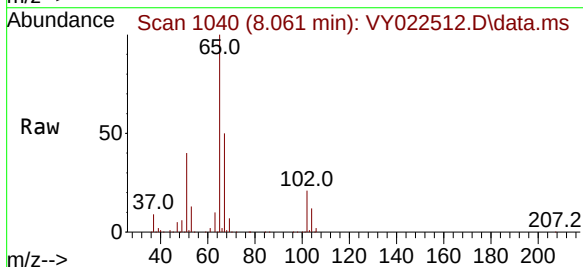
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

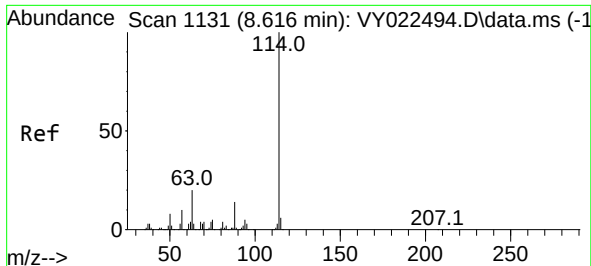
Tgt Ion:168 Resp: 287398
Ion Ratio Lower Upper
168 100
99 57.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 53.494 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion: 65 Resp: 171949
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4

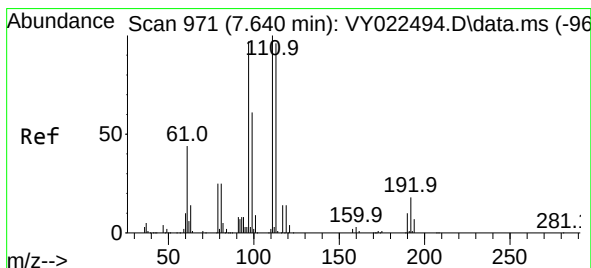
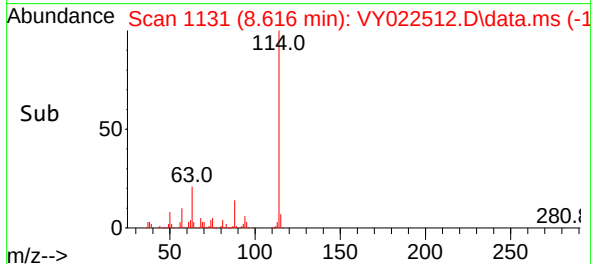
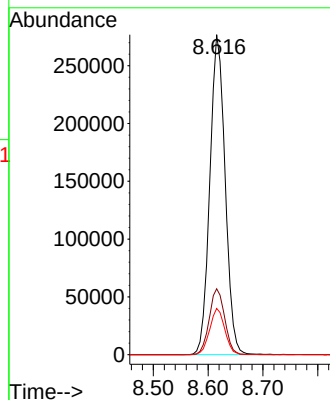
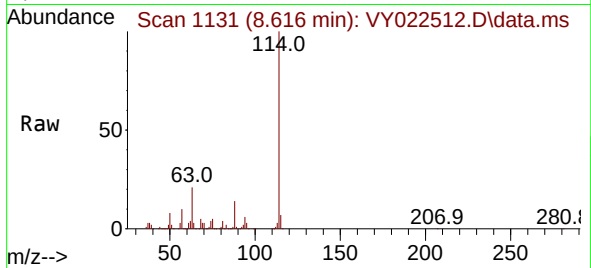




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

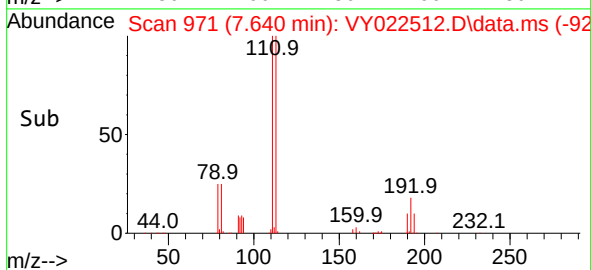
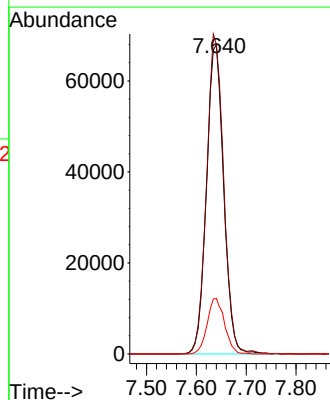
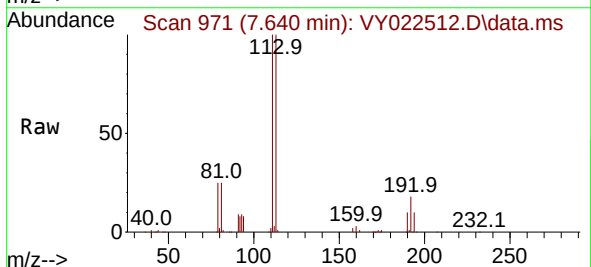
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

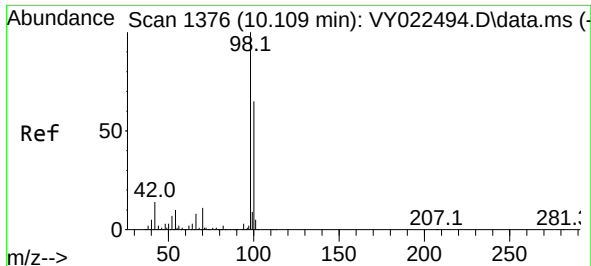
Tgt Ion:114 Resp: 534399
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 14.4 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.944 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion:113 Resp: 162497
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 18.1 14.2 21.2

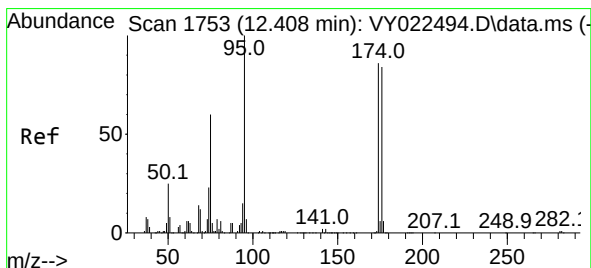
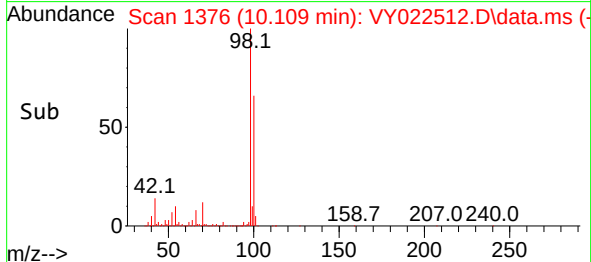
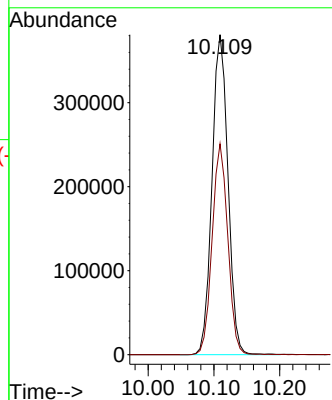
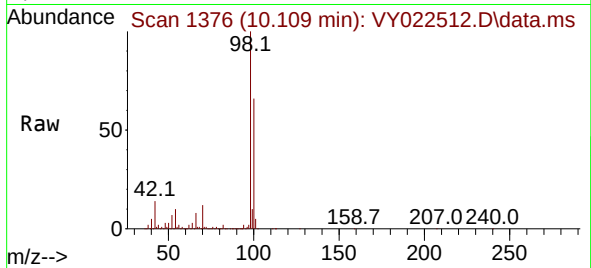




#50
Toluene-d8
Concen: 49.937 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

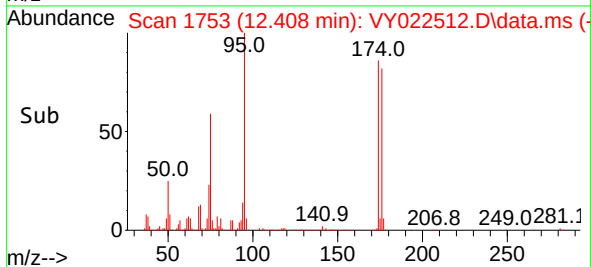
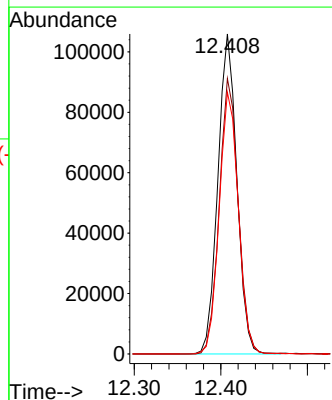
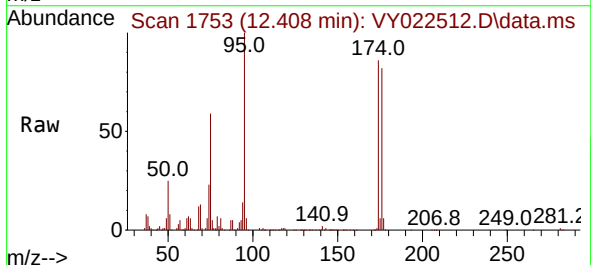
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

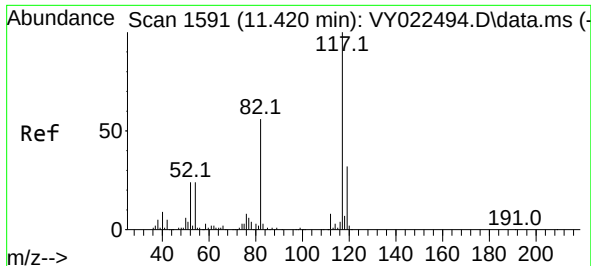
Tgt Ion: 98 Resp: 643614
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.994 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion: 95 Resp: 161263
Ion Ratio Lower Upper
95 100
174 86.0 0.0 170.0
176 82.5 0.0 166.2

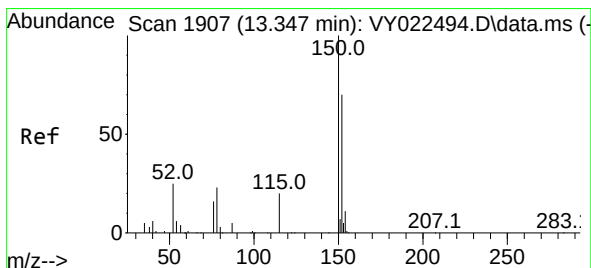
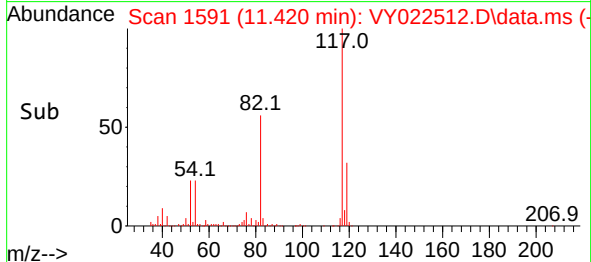
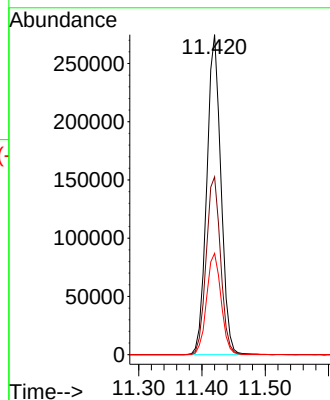
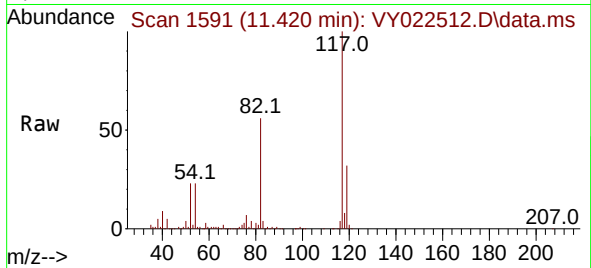




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022512.D
Acq: 03 Jun 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion:117 Resp: 428748
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 31.6 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: VY022512.D
Acq: 03 Jun 2025 10:40

Tgt Ion:152 Resp: 155262
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.7
150 158.0 0.0 349.6

