

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022535.D
 Acq On : 03 Jun 2025 20:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 04 04:18:23 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	259614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	473731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	371556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	135929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	140677	48.449	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.634	113	141072	49.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.103	98	567911	49.706	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.402	95	140879	41.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.760%

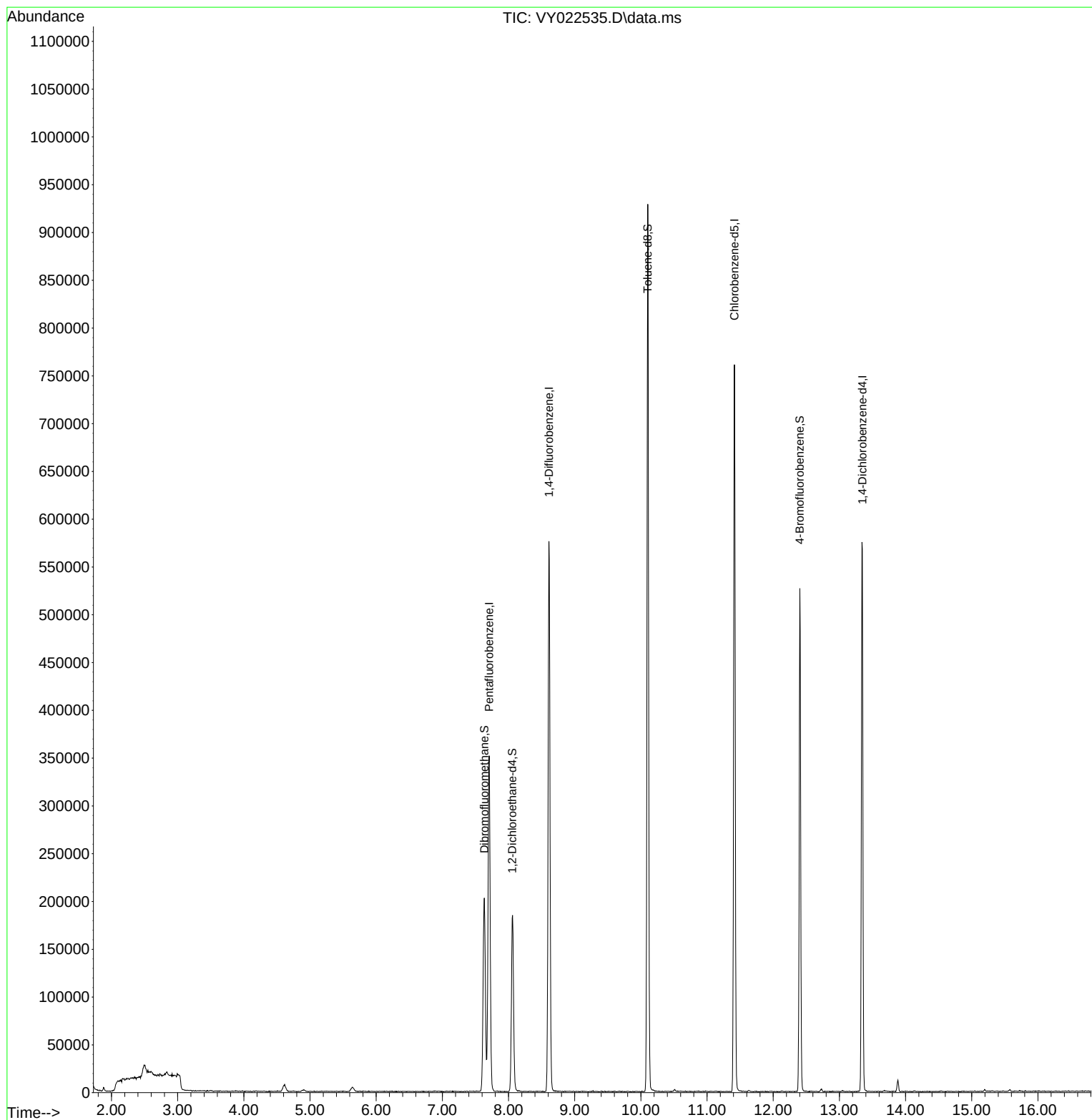
Target Compounds	Qvalue

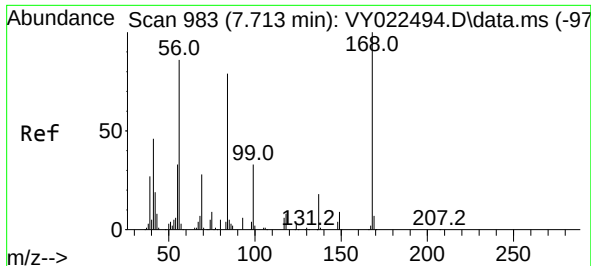
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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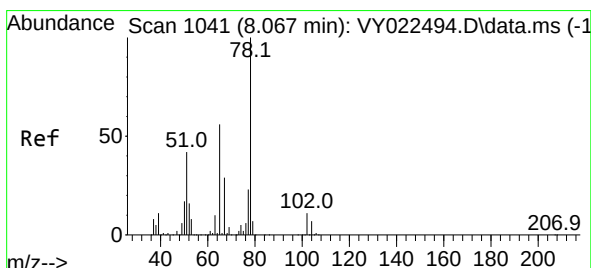
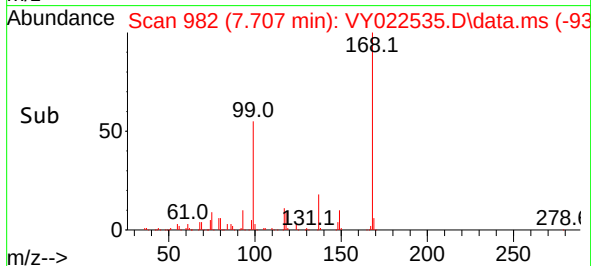
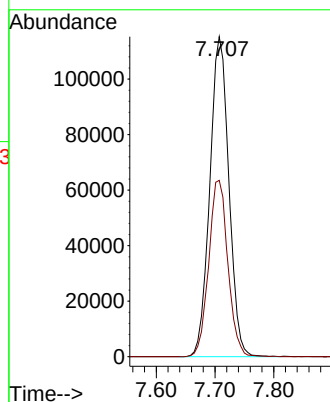
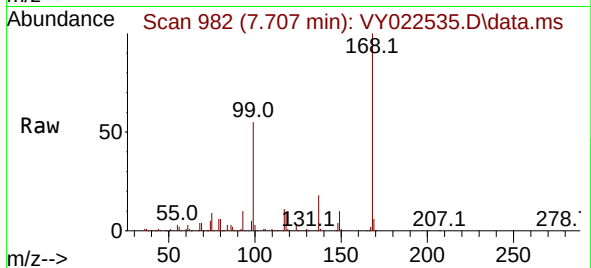




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022535.D
Acq: 03 Jun 2025 20:06

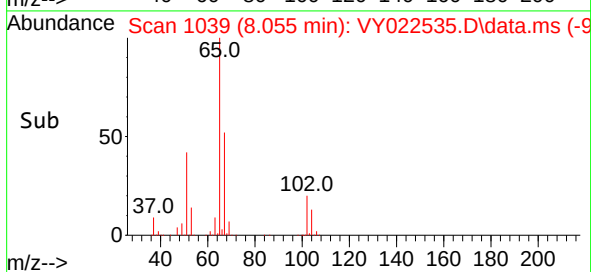
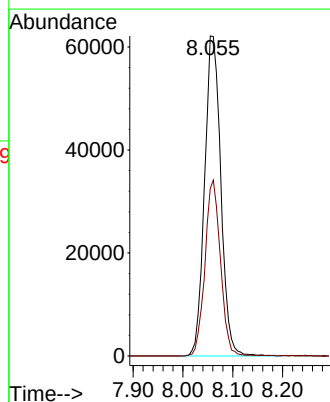
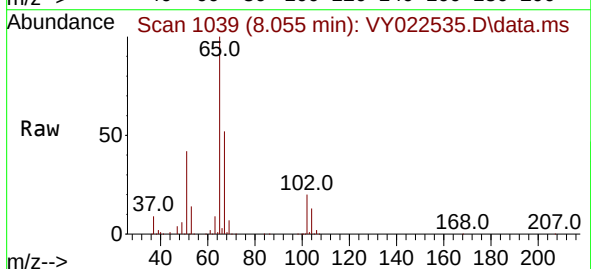
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

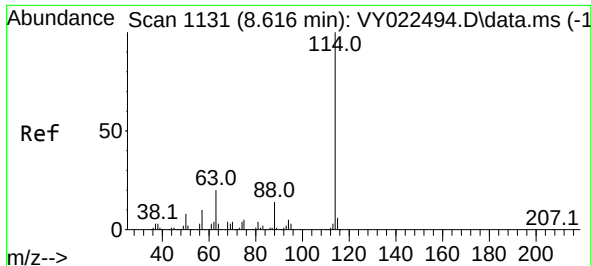
Tgt Ion:168 Resp: 259614
Ion Ratio Lower Upper
168 100
99 55.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 48.449 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022535.D
Acq: 03 Jun 2025 20:06

Tgt Ion: 65 Resp: 140677
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4

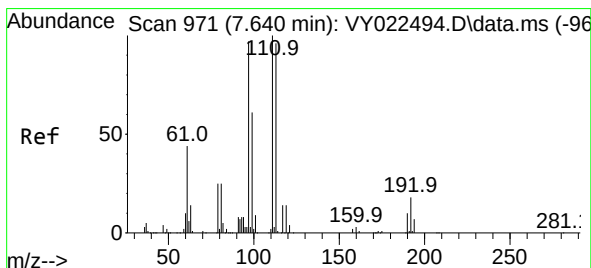
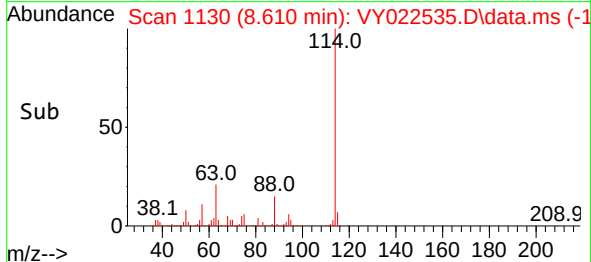
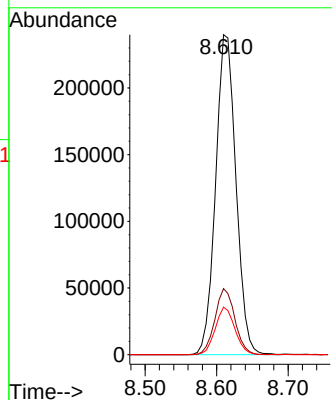
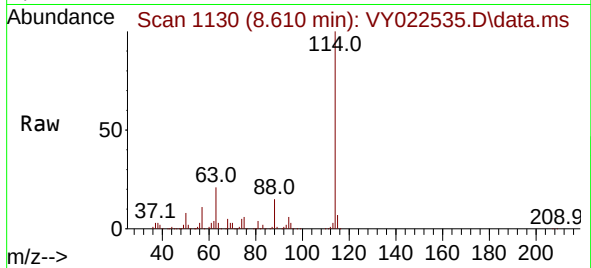




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY022535.D
 Acq: 03 Jun 2025 20:06

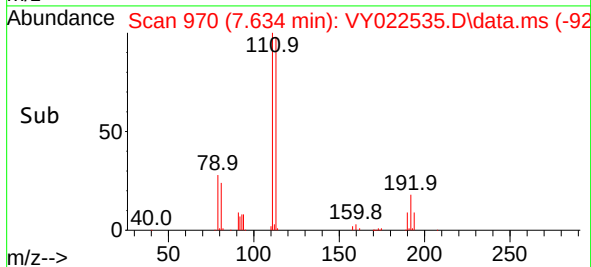
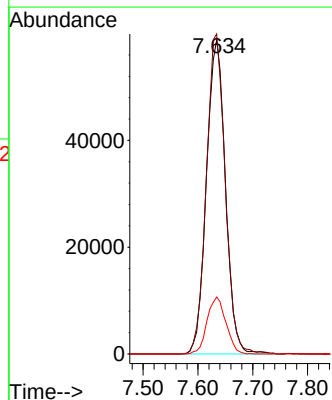
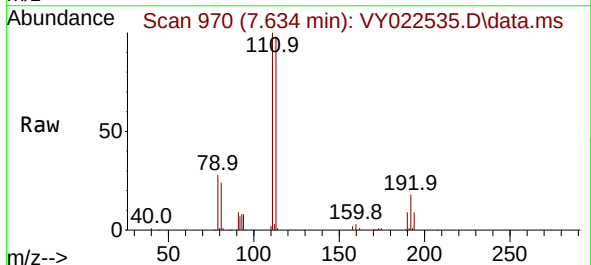
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

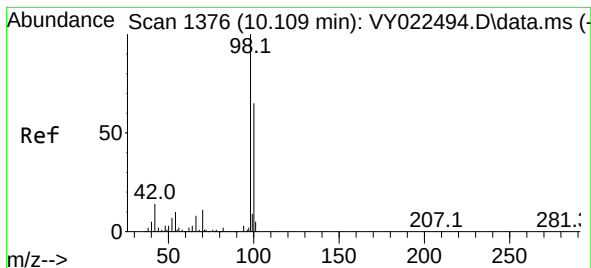
Tgt Ion:114 Resp: 473731
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 14.9 0.0 27.8



#35
 Dibromofluoromethane
 Concen: 49.891 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY022535.D
 Acq: 03 Jun 2025 20:06

Tgt Ion:113 Resp: 141072
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 18.0 14.2 21.2

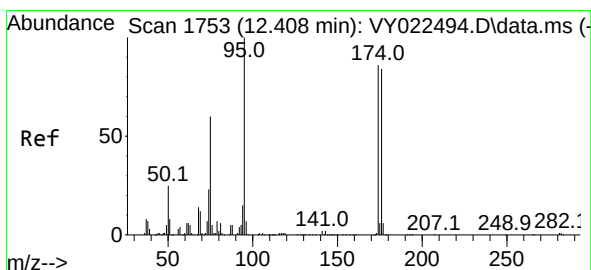
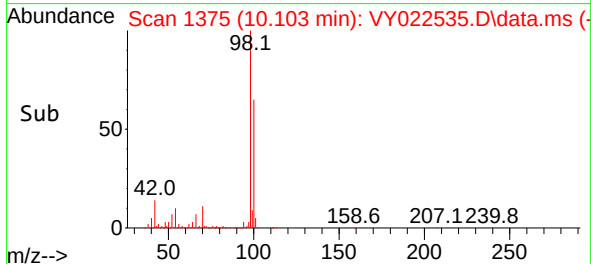
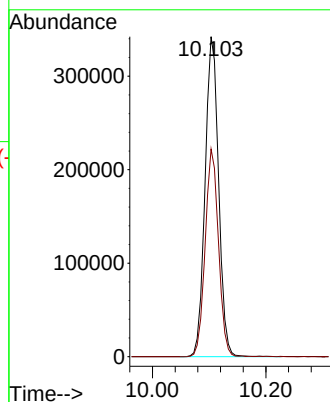
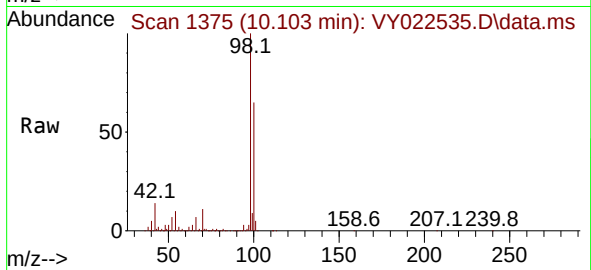




#50
Toluene-d8
Concen: 49.706 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022535.D
Acq: 03 Jun 2025 20:06

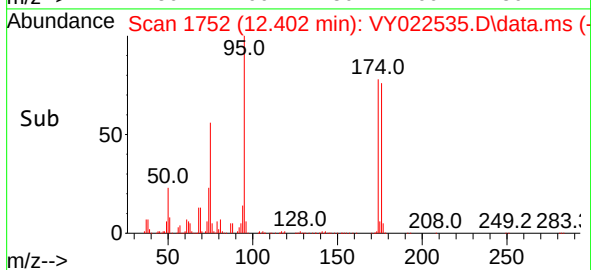
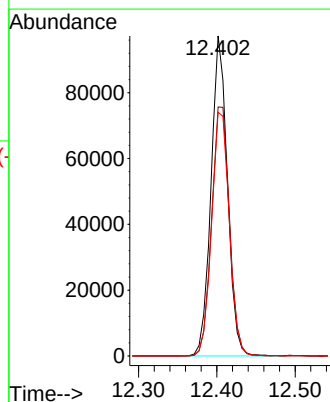
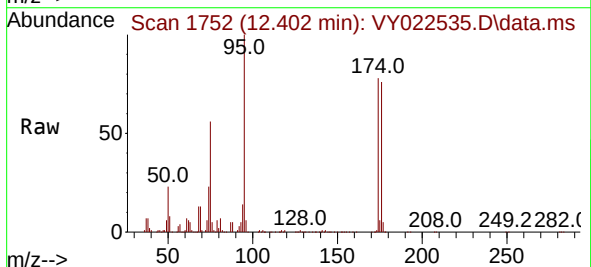
Instrument :
MSVOA_Y
ClientSampleId :
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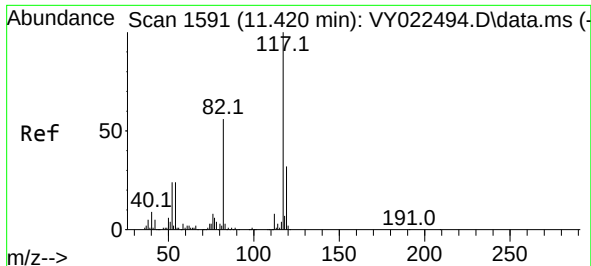
Tgt Ion: 98 Resp: 567911
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.384 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022535.D
Acq: 03 Jun 2025 20:06

Tgt Ion: 95 Resp: 140879
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.0
176 82.1 0.0 166.2

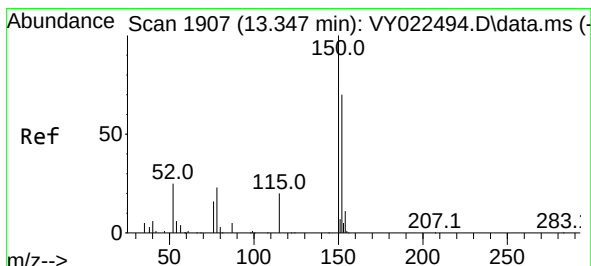
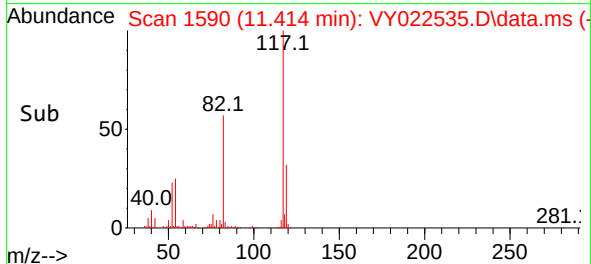
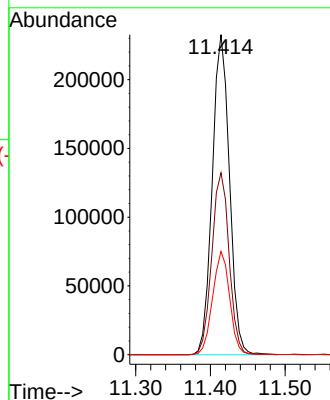
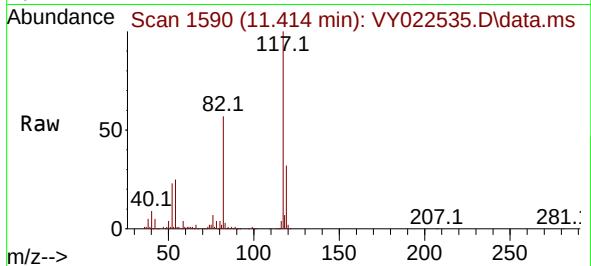




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022535.D
Acq: 03 Jun 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 371556
Ion Ratio Lower Upper
117 100
82 56.8 44.6 66.8
119 32.3 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: VY022535.D
Acq: 03 Jun 2025 20:06

Tgt Ion:152 Resp: 135929
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 158.1 0.0 349.6

