

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023701.D
 Acq On : 06 Nov 2025 15:17
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 07 04:16:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	737277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1285039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1073998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	419489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	365719	58.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.300%
35) Dibromofluoromethane	7.634	113	405493	50.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.109	98	1456079	48.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.408	95	408067	42.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.360%

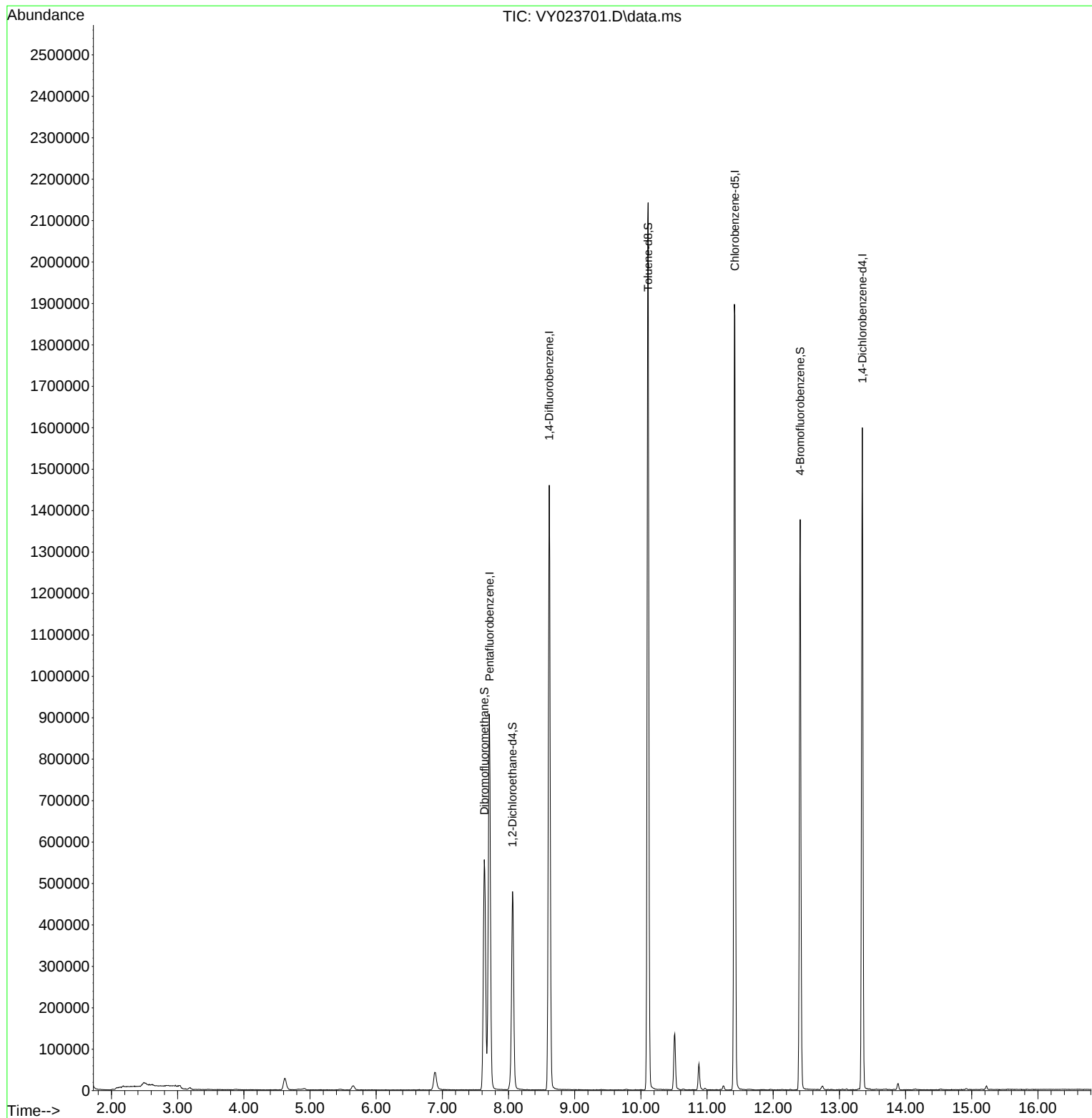
Target Compounds	Qvalue

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

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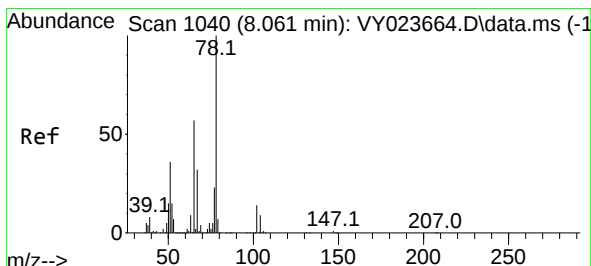
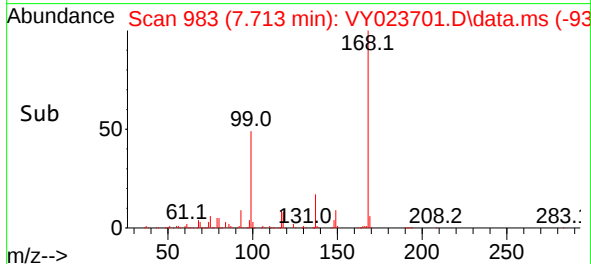
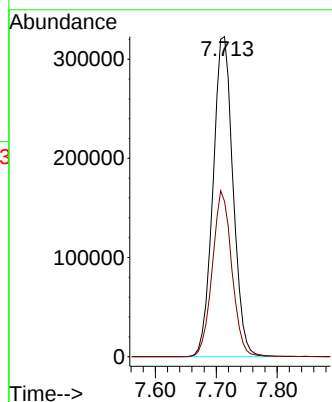
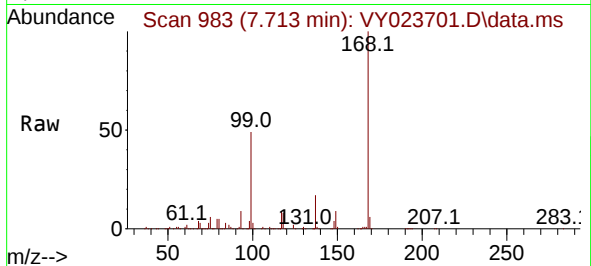




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

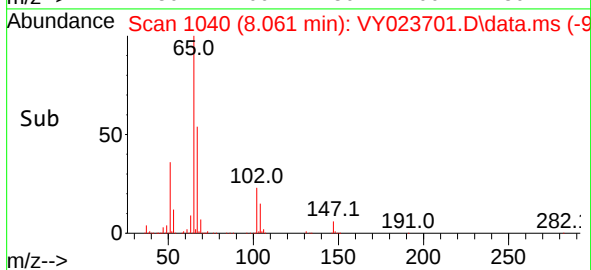
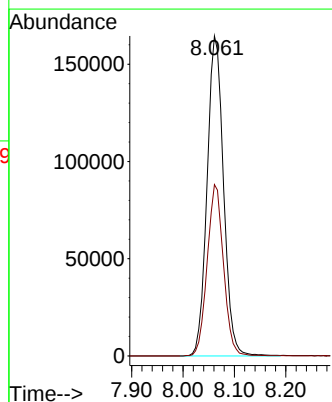
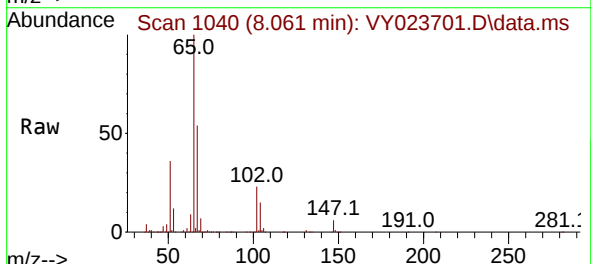
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

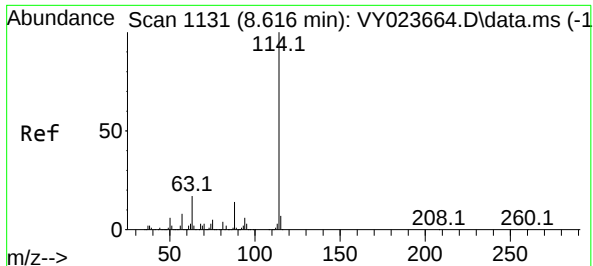
Tgt Ion:168 Resp: 737277
Ion Ratio Lower Upper
168 100
99 48.5 41.0 61.4



#33
1,2-Dichloroethane-d4
Concen: 58.152 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

Tgt Ion: 65 Resp: 365719
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

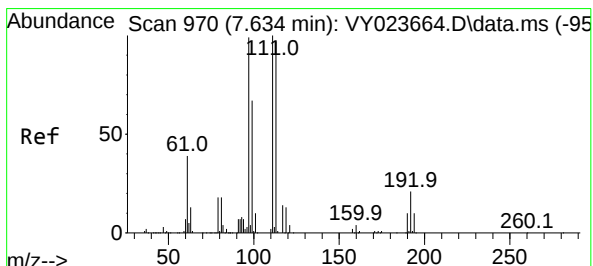
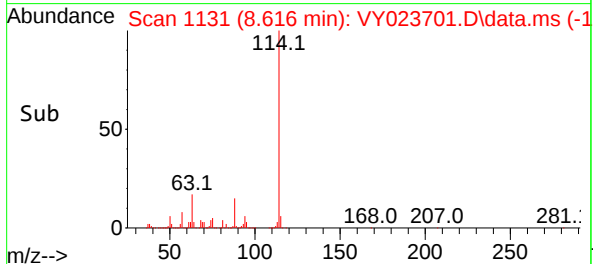
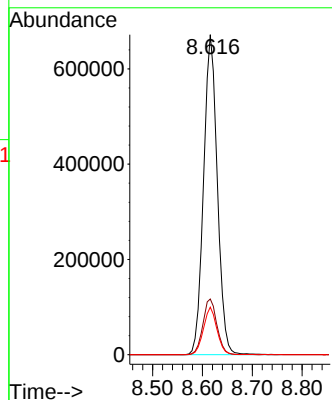
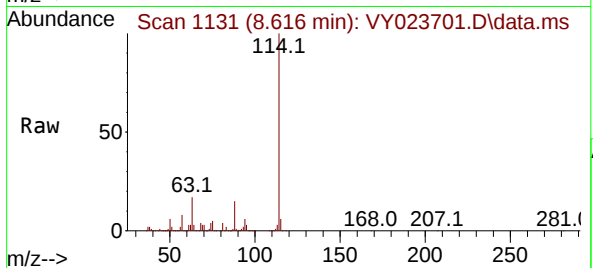




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

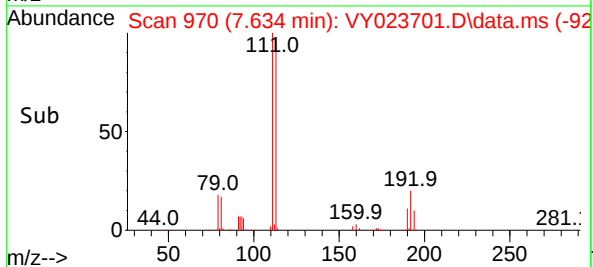
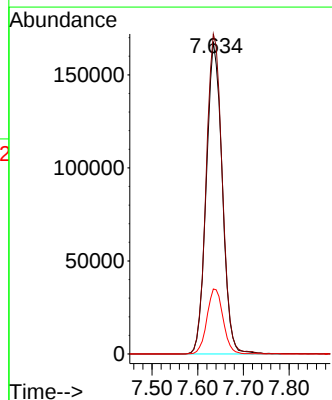
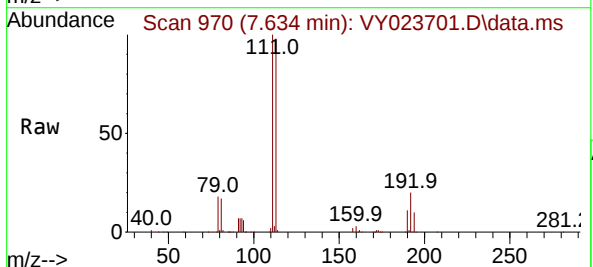
Instrument :
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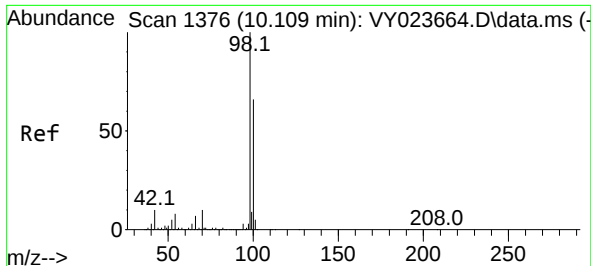
Tgt Ion:114 Resp: 1285039
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.8
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.493 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

Tgt Ion:113 Resp: 405493
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 21.1 17.3 25.9

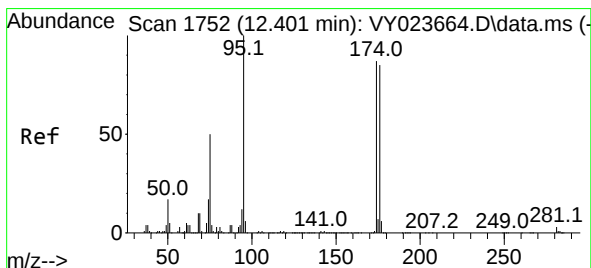
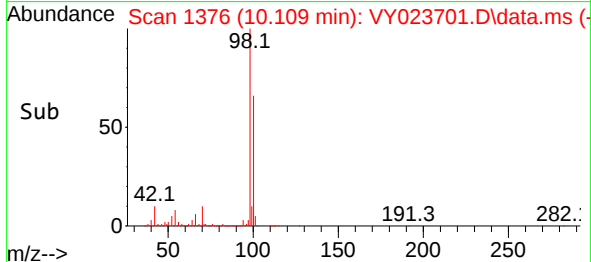
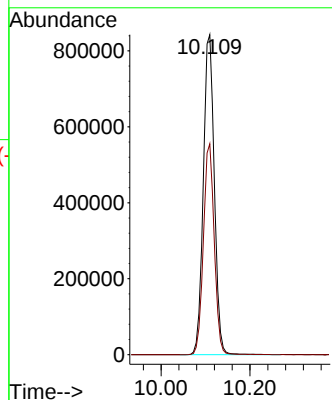
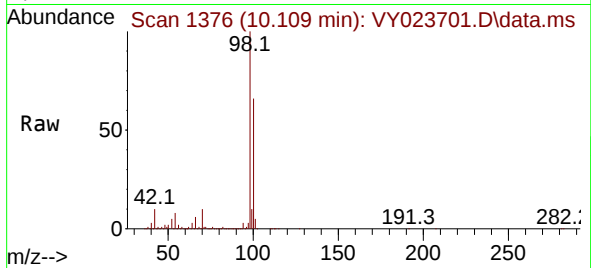




#50
Toluene-d8
Concen: 48.675 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

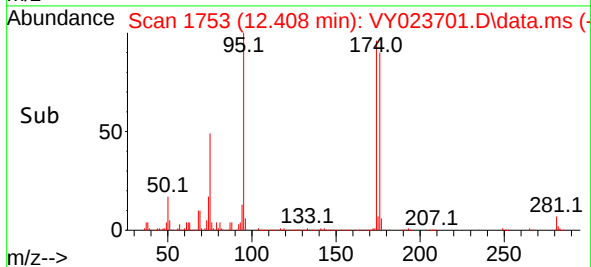
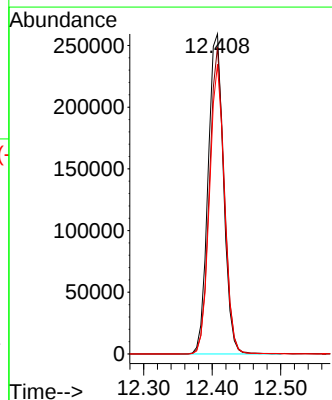
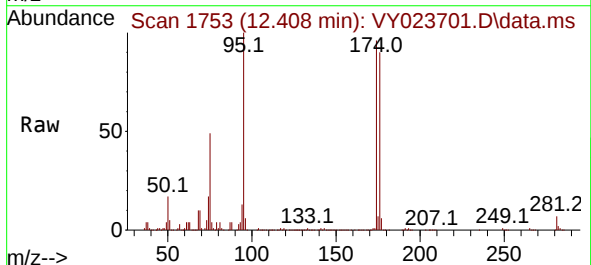
Instrument :
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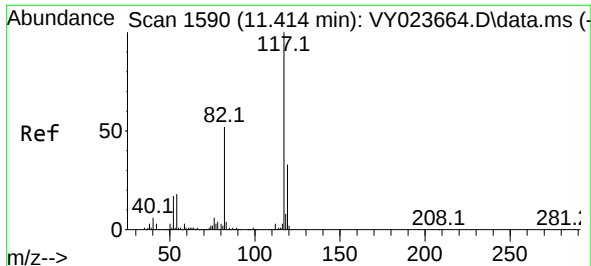
Tgt Ion: 98 Resp: 1456079
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.181 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

Tgt Ion: 95 Resp: 408067
Ion Ratio Lower Upper
95 100
174 92.4 0.0 184.8
176 87.8 0.0 181.6

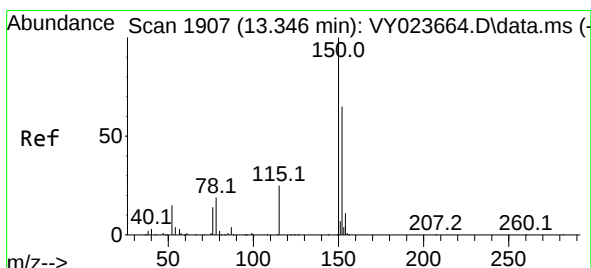
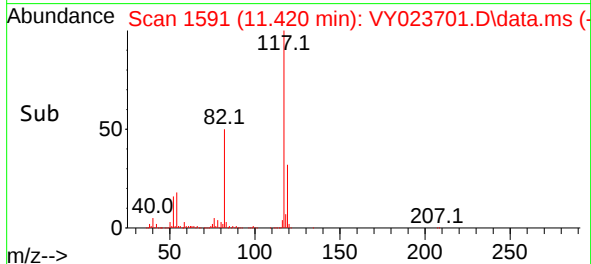
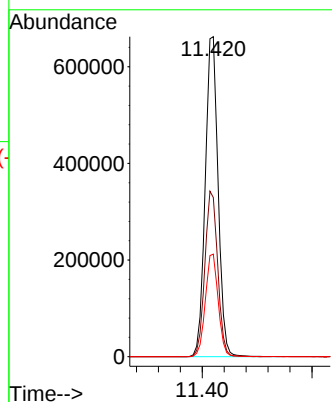
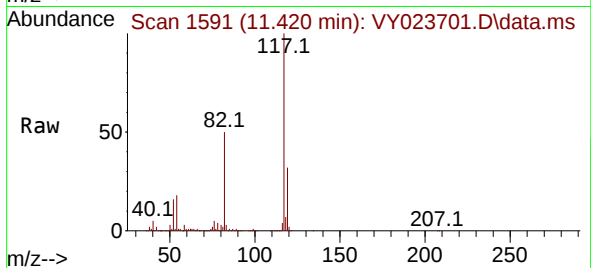




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1073998
Ion Ratio Lower Upper
117 100
82 49.8 41.2 61.8
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023701.D
Acq: 06 Nov 2025 15:17

Tgt Ion:152 Resp: 419489
Ion Ratio Lower Upper
152 100
115 56.2 27.5 82.5
150 155.9 0.0 349.0

