

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023683.D
 Acq On : 05 Nov 2025 11:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 06 03:27:59 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	732488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1245662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1057061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	399394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	355815	56.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.900%
35) Dibromofluoromethane	7.640	113	399625	51.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.680%
50) Toluene-d8	10.109	98	1415623	48.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.408	95	391924	41.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.580%

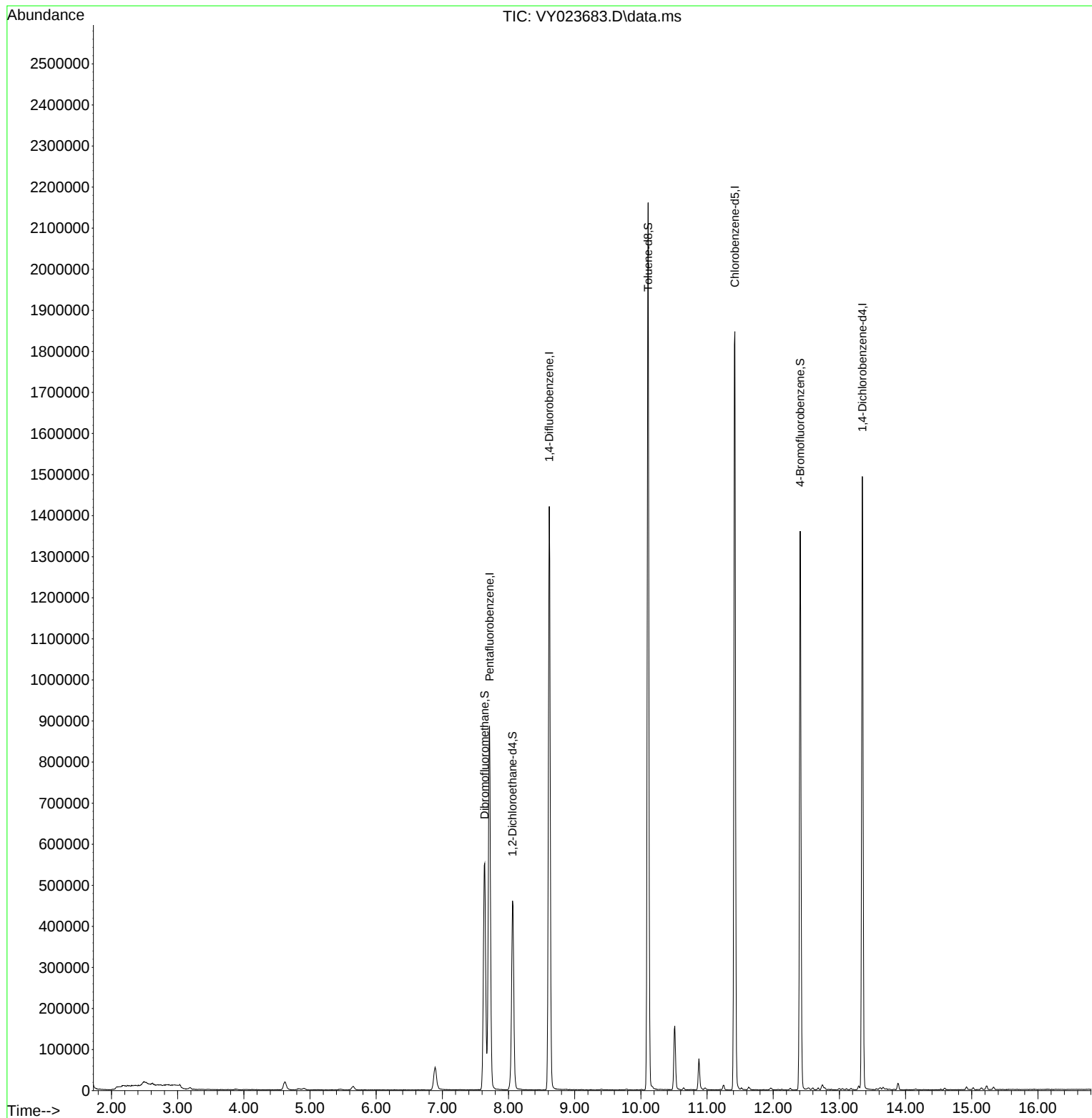
Target Compounds	Qvalue

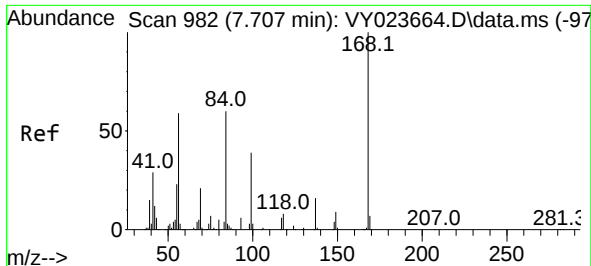
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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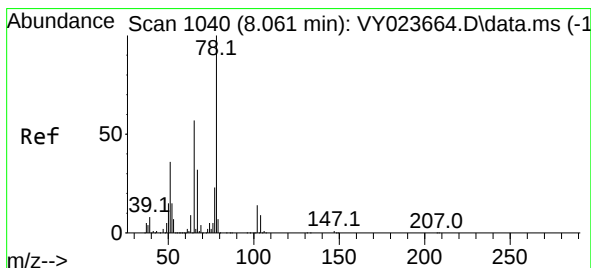
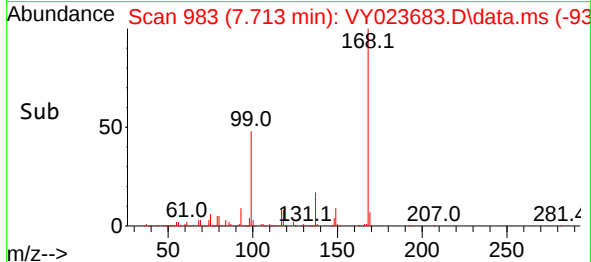
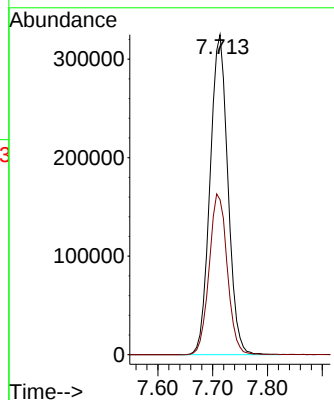
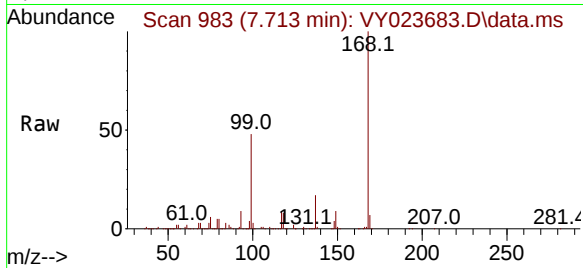




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023683.D
Acq: 05 Nov 2025 11:30

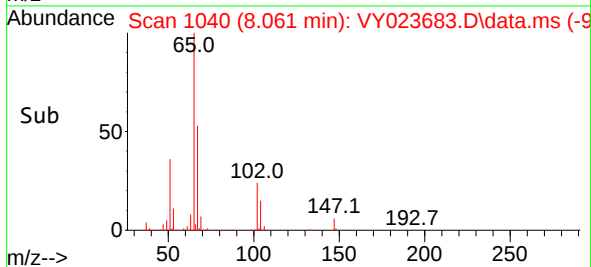
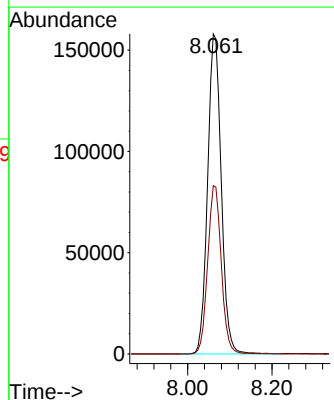
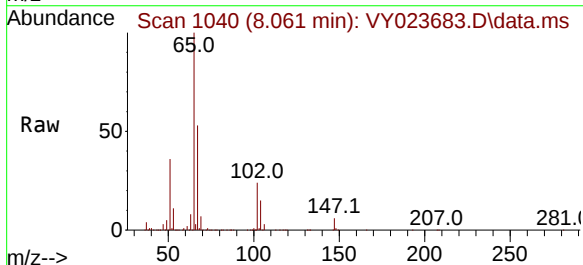
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

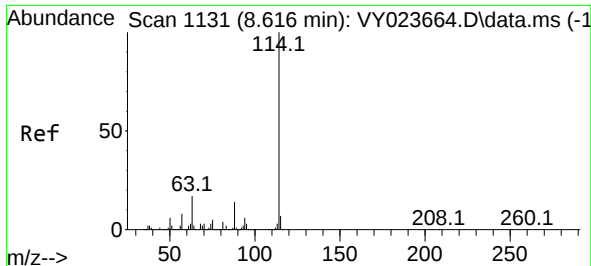
Tgt Ion:168 Resp: 732488
Ion Ratio Lower Upper
168 100
99 48.4 41.0 61.4



#33
1,2-Dichloroethane-d4
Concen: 56.947 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023683.D
Acq: 05 Nov 2025 11:30

Tgt Ion: 65 Resp: 355815
Ion Ratio Lower Upper
65 100
67 52.4 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: VY023683.D

Acq: 05 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

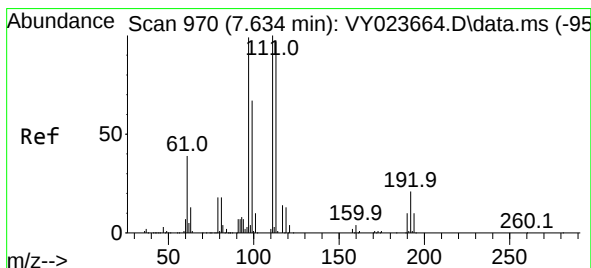
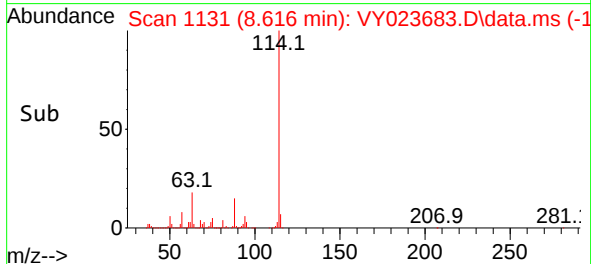
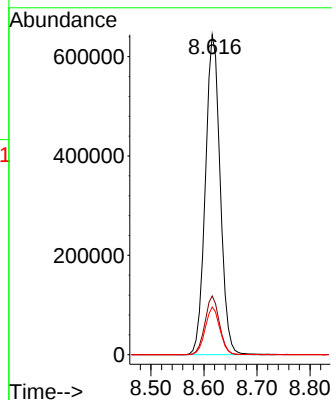
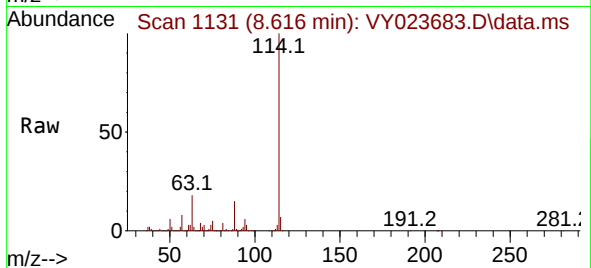
Tgt Ion:114 Resp: 1245662

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.8

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023683.D

Acq: 05 Nov 2025 11:30

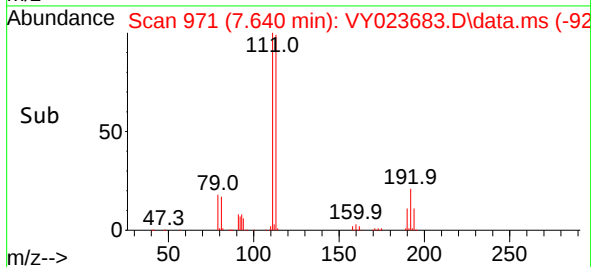
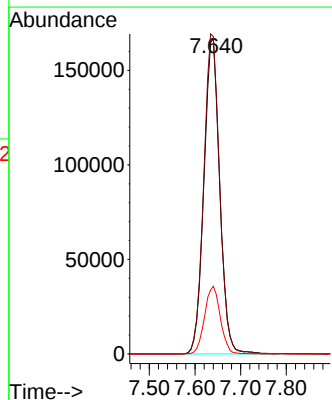
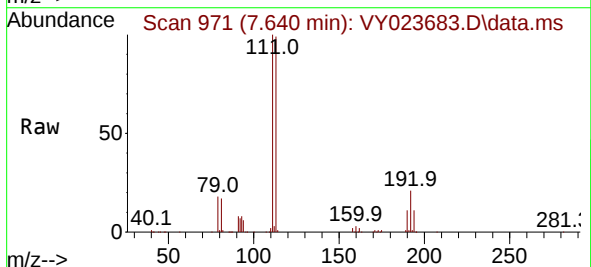
Tgt Ion:113 Resp: 399625

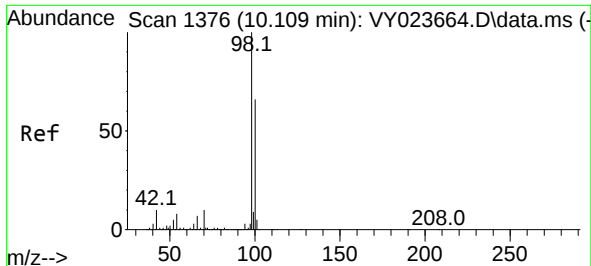
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 21.4 17.3 25.9

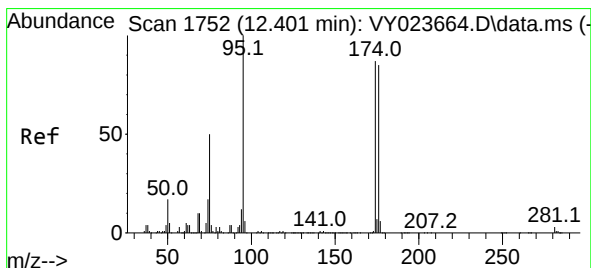
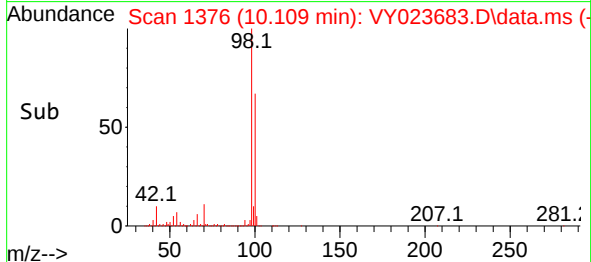
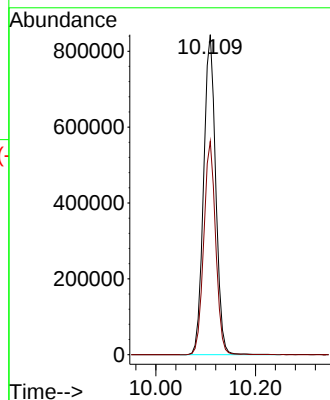
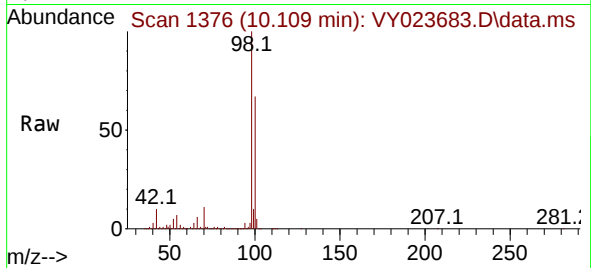




#50
Toluene-d8
Concen: 48.818 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023683.D
Acq: 05 Nov 2025 11:30

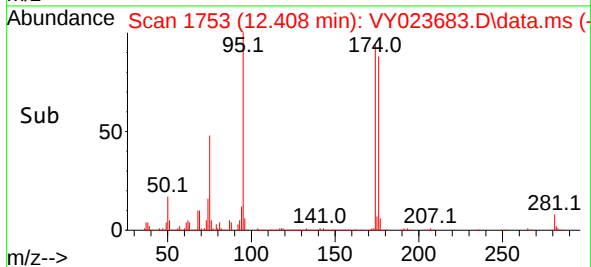
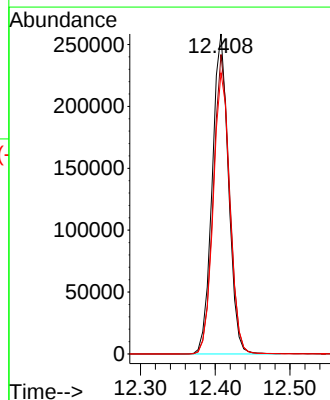
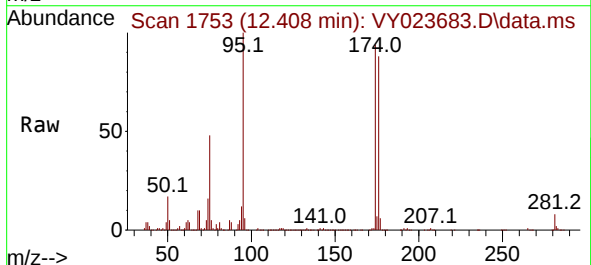
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

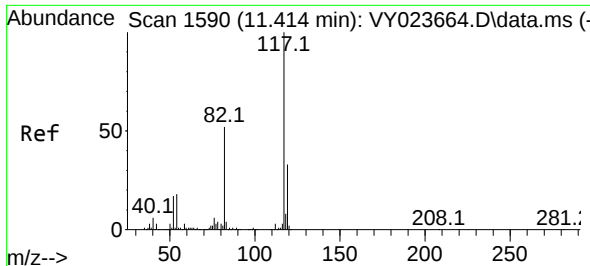
Tgt Ion: 98 Resp: 1415623
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 41.793 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023683.D
Acq: 05 Nov 2025 11:30

Tgt Ion: 95 Resp: 391924
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.8
176 89.8 0.0 181.6

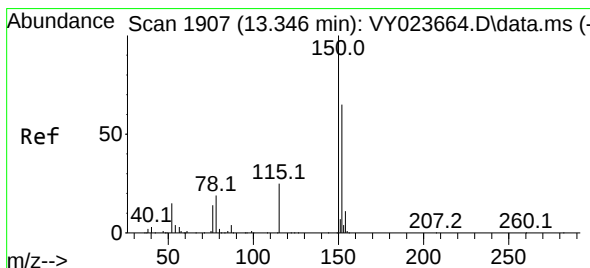
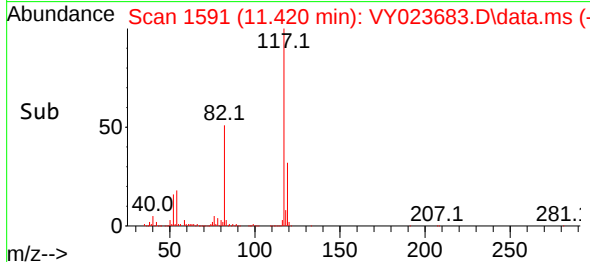
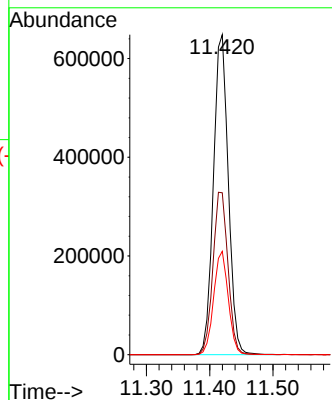
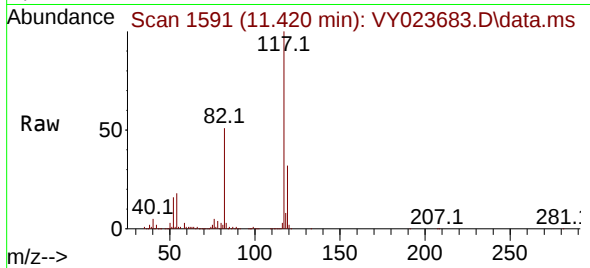




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023683.D
Acq: 05 Nov 2025 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1057061
Ion Ratio Lower Upper
117 100
82 50.6 41.2 61.8
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023683.D
Acq: 05 Nov 2025 11:30

Tgt Ion:152 Resp: 399394
Ion Ratio Lower Upper
152 100
115 55.7 27.5 82.5
150 155.1 0.0 349.0

