

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110325\
 Data File : VY023648.D
 Acq On : 03 Nov 2025 10:38
 Operator : SY/MD
 Sample : VY1103SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBL01

Quant Time: Nov 04 01:29:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	759655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1277366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1087348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	440158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	370500	58.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.640%
35) Dibromofluoromethane	7.634	113	405302	51.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.109	98	1446129	49.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.940%
62) 4-Bromofluorobenzene	12.408	95	416804	43.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.380%

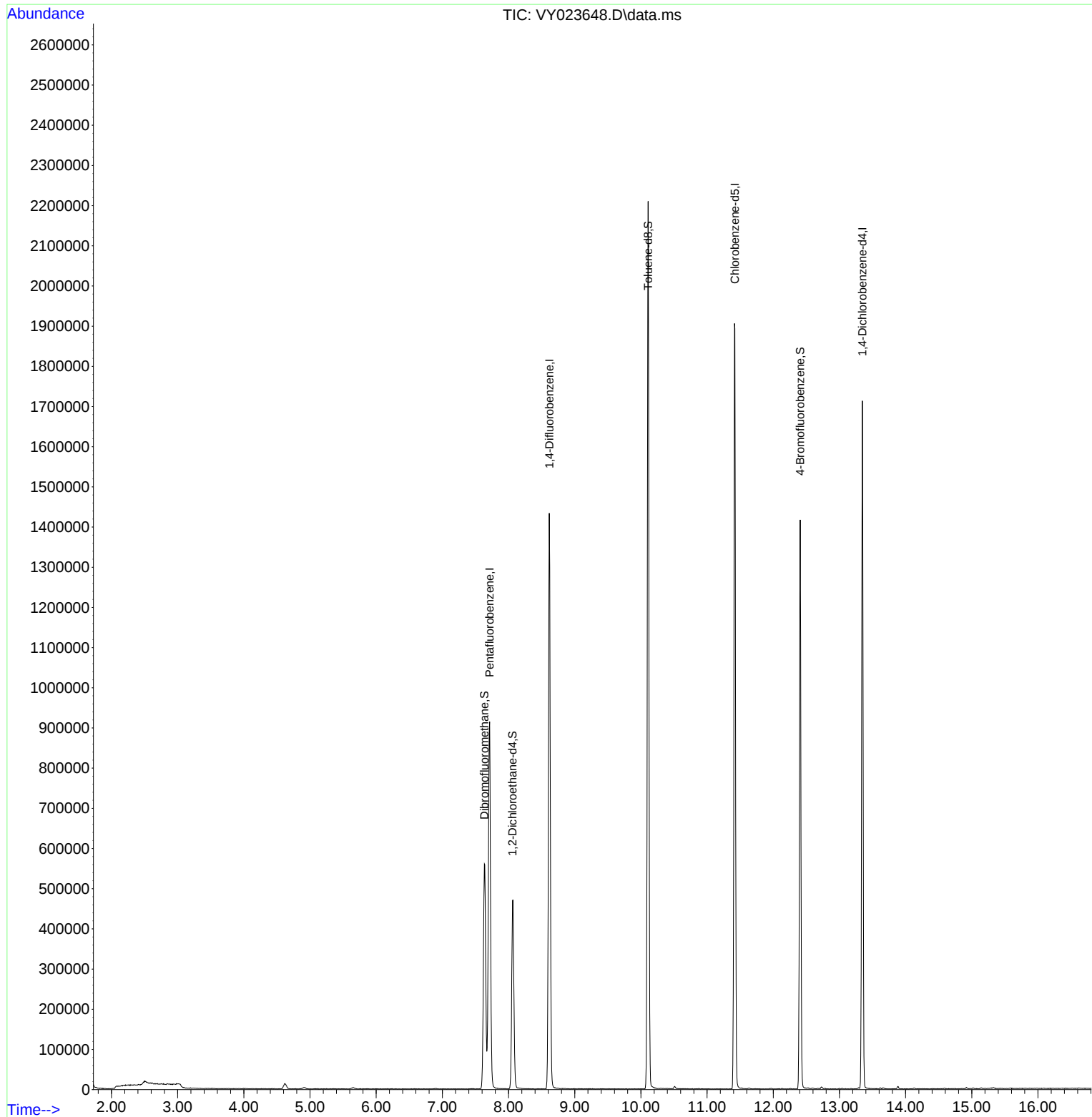
Target Compounds	Qvalue

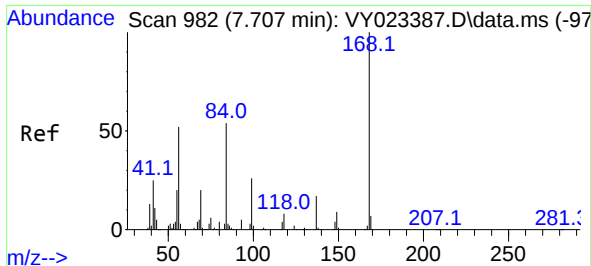
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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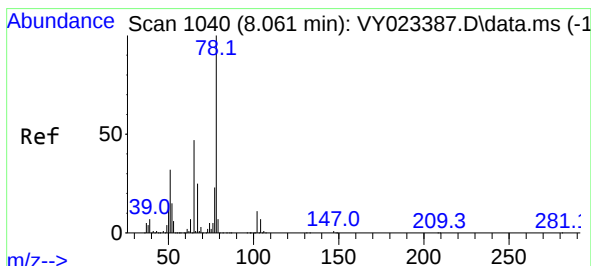
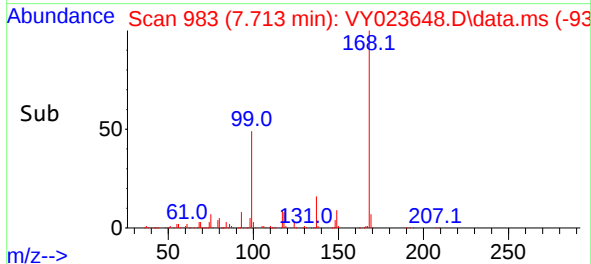
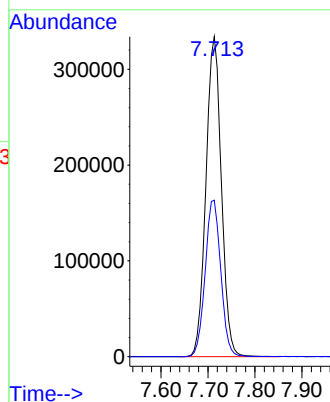
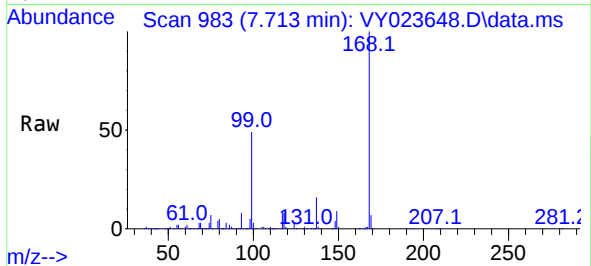




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023648.D
Acq: 03 Nov 2025 10:38

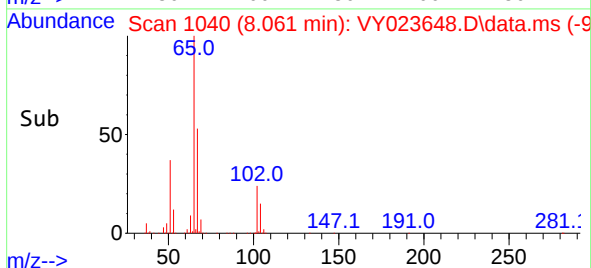
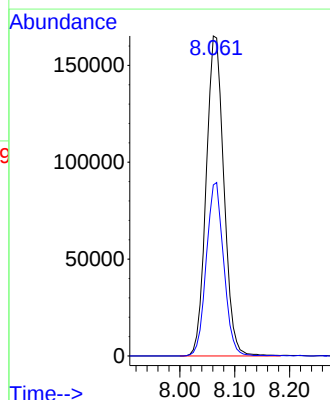
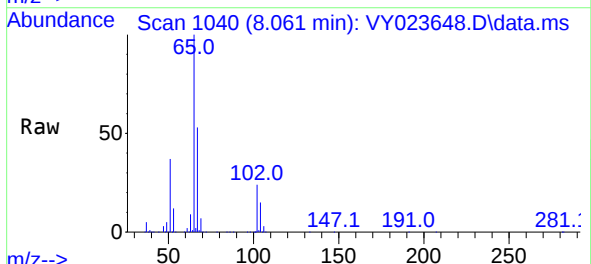
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

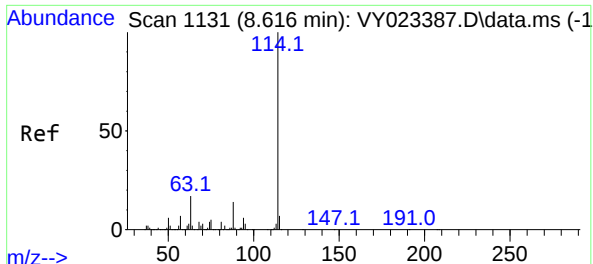
Tgt Ion:168 Resp: 759655
Ion Ratio Lower Upper
168 100
99 48.9 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 58.325 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023648.D
Acq: 03 Nov 2025 10:38

Tgt Ion: 65 Resp: 370500
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023648.D

Acq: 03 Nov 2025 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1103SBL01

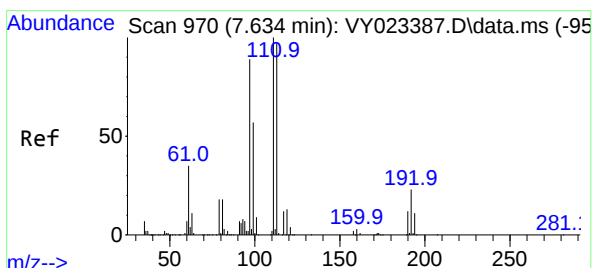
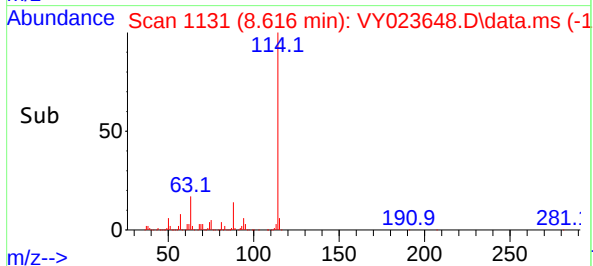
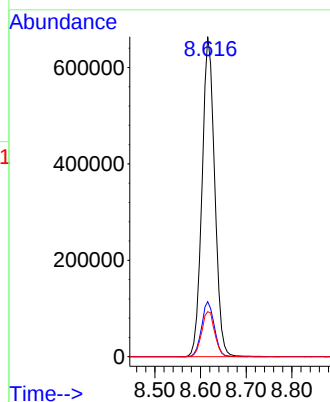
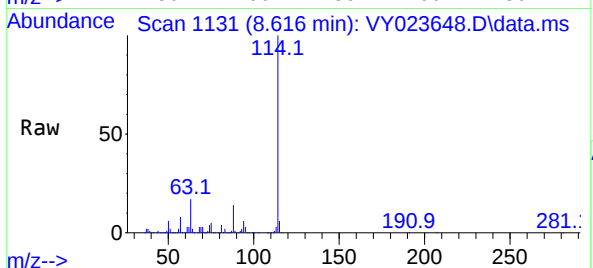
Tgt Ion:114 Resp: 1277366

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.2

88 14.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 51.639 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY023648.D

Acq: 03 Nov 2025 10:38

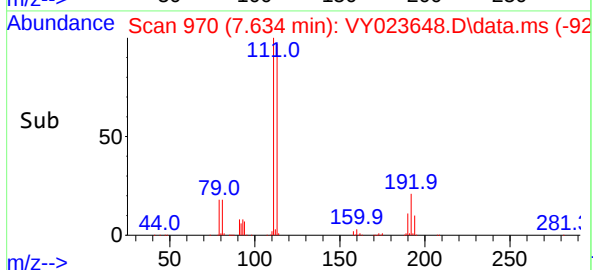
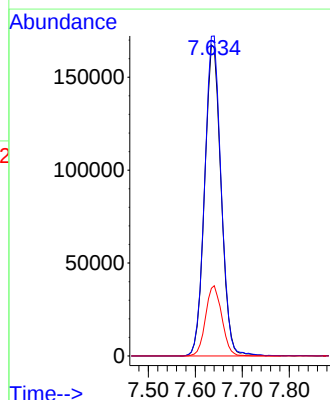
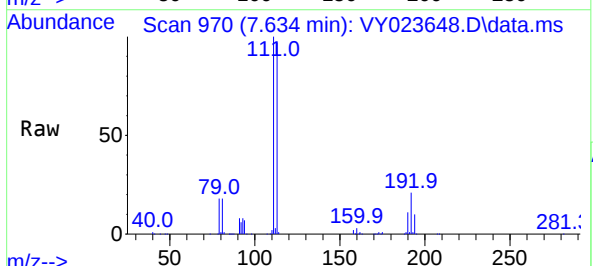
Tgt Ion:113 Resp: 405302

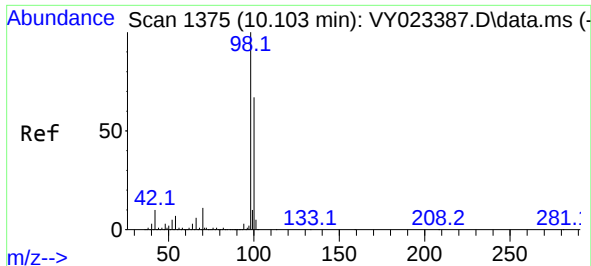
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

192 22.4 18.0 27.0

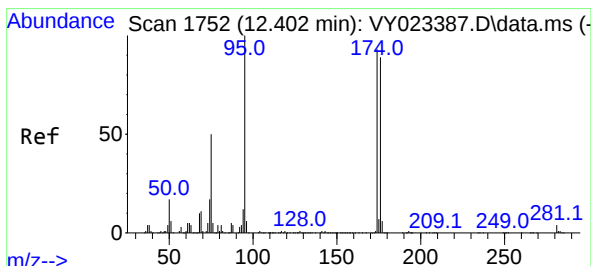
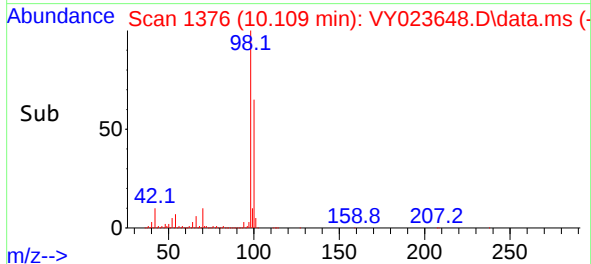
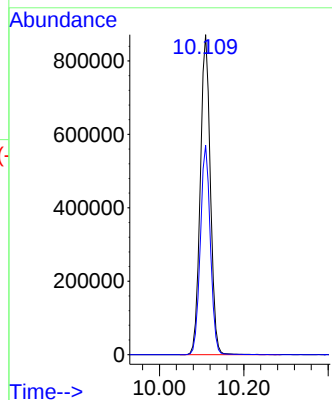
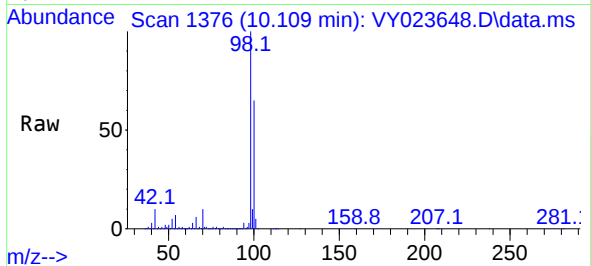




#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023648.D
Acq: 03 Nov 2025 10:38

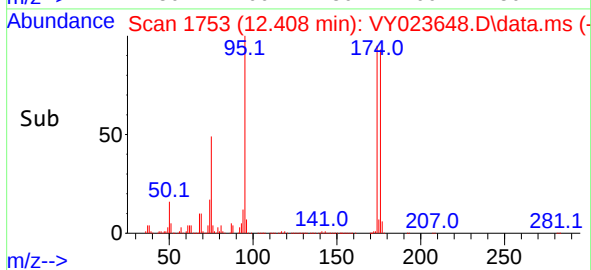
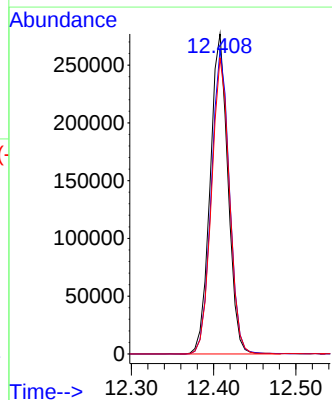
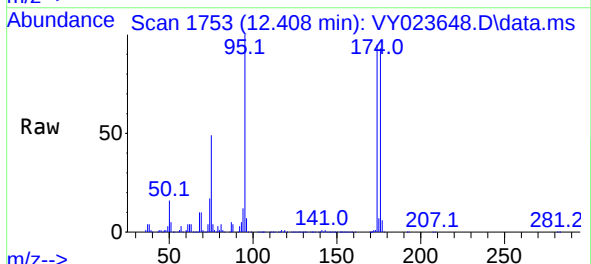
Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

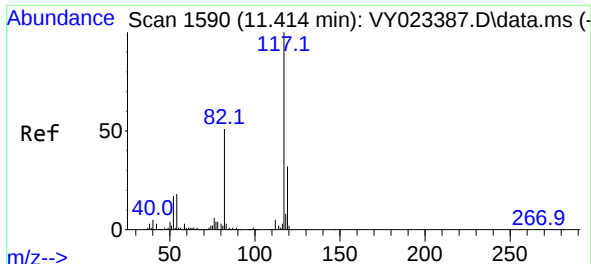
Tgt Ion: 98 Resp: 1446129
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.191 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023648.D
Acq: 03 Nov 2025 10:38

Tgt Ion: 95 Resp: 416804
Ion Ratio Lower Upper
95 100
174 96.0 0.0 192.8
176 93.0 0.0 187.6

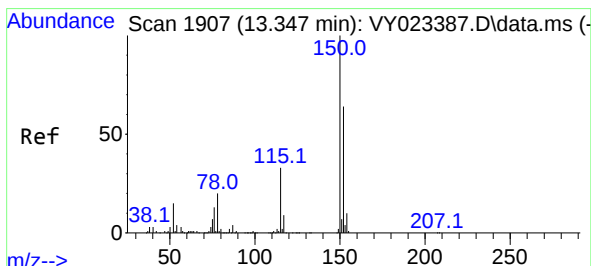
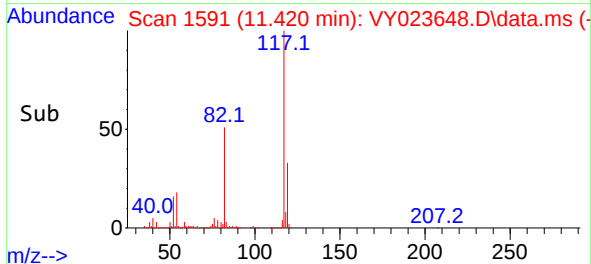
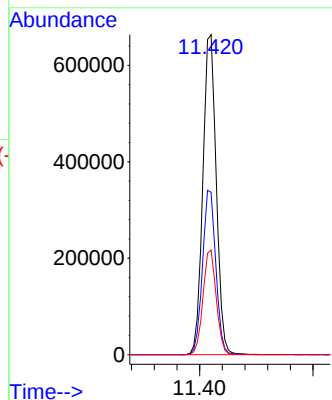
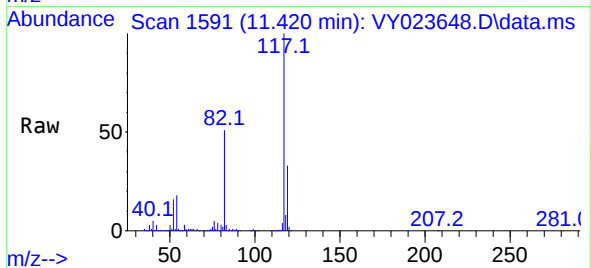




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023648.D
Acq: 03 Nov 2025 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBL01

Tgt Ion:117 Resp: 1087348
Ion Ratio Lower Upper
117 100
82 50.7 41.0 61.4
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023648.D
Acq: 03 Nov 2025 10:38

Tgt Ion:152 Resp: 440158
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.2
150 157.5 0.0 347.4

