

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112425\
 Data File : VY023791.D
 Acq On : 24 Nov 2025 15:34
 Operator : SY/MD
 Sample : Q3710-03
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMPRESSOR-EXCAVATION

Quant Time: Nov 26 02:12:27 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	697466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1288188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1262537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	508090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	386658	64.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.980%
35) Dibromofluoromethane	7.634	113	417905	51.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.109	98	1697083	56.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.180%
62) 4-Bromofluorobenzene	12.407	95	498583	51.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.820%

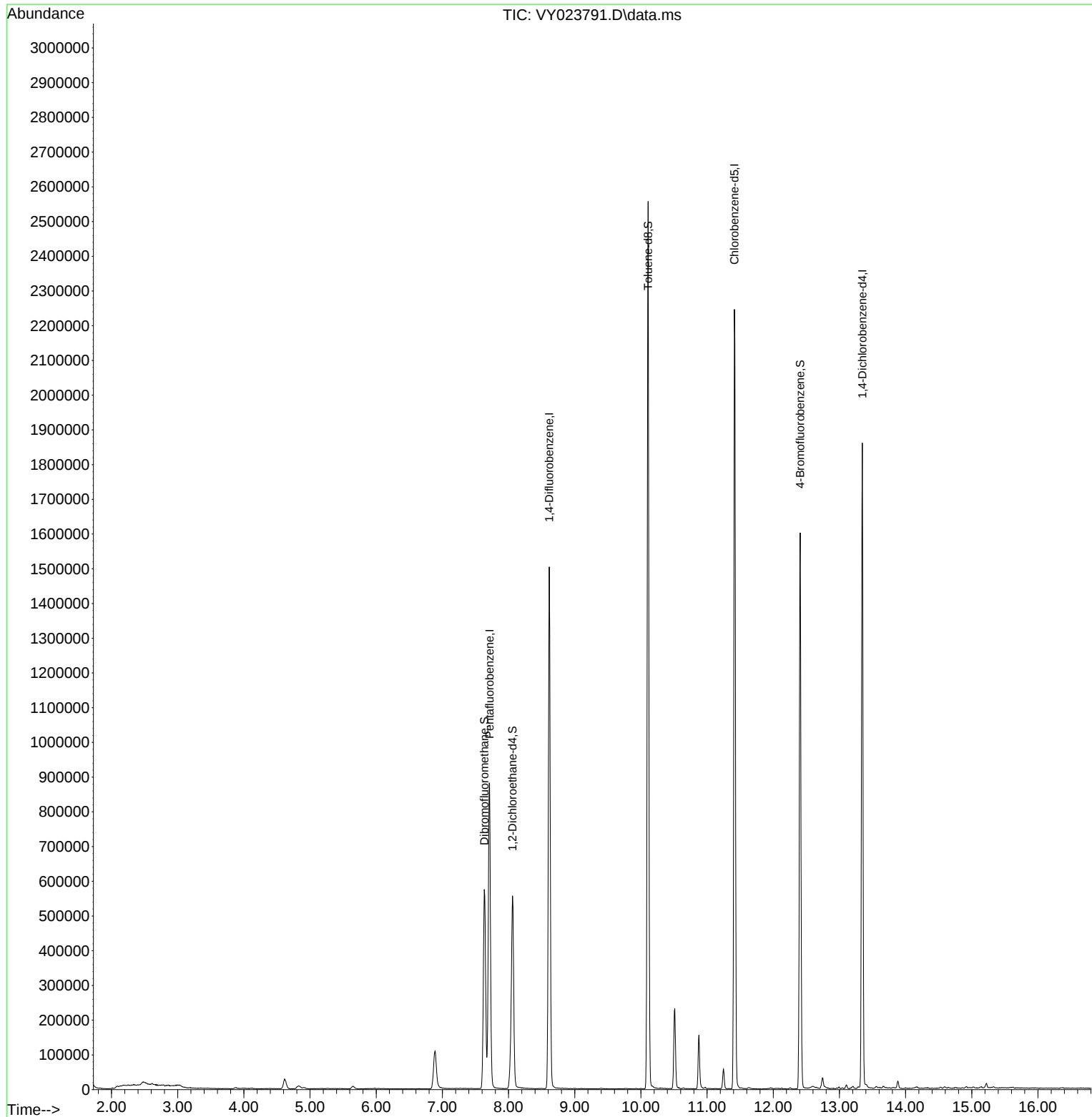
Target Compounds	Qvalue

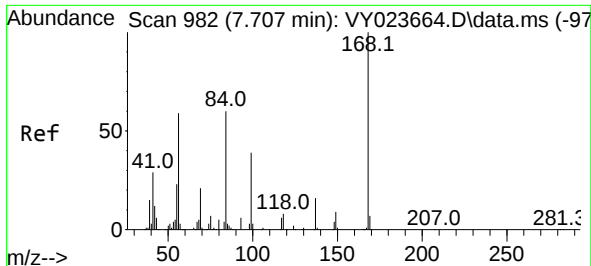
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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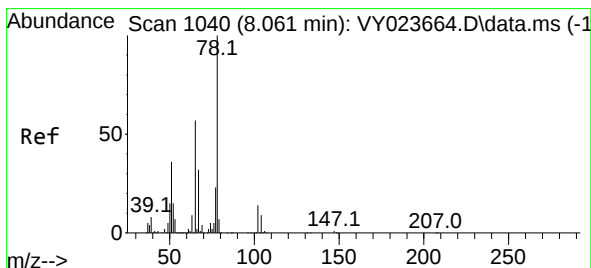
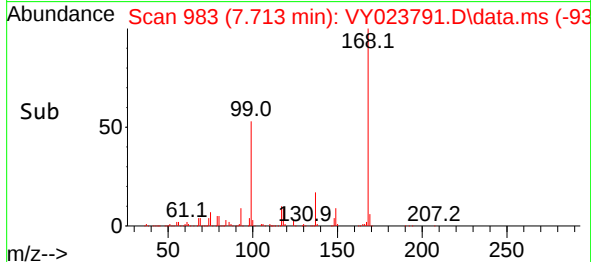
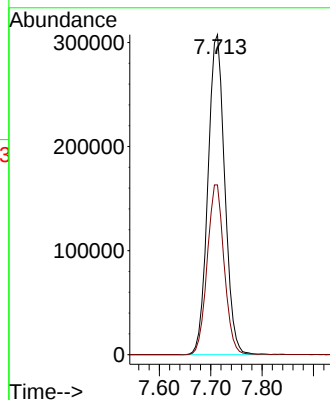
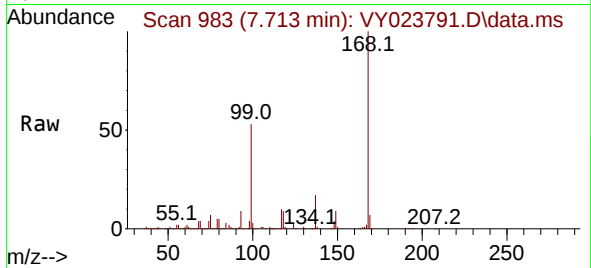




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023791.D
Acq: 24 Nov 2025 15:34

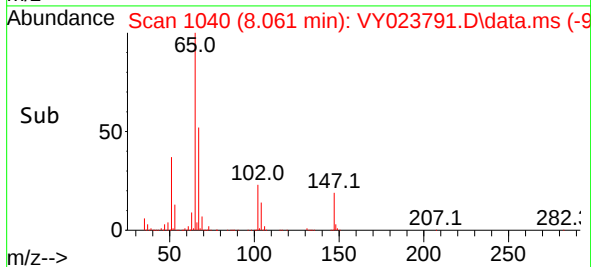
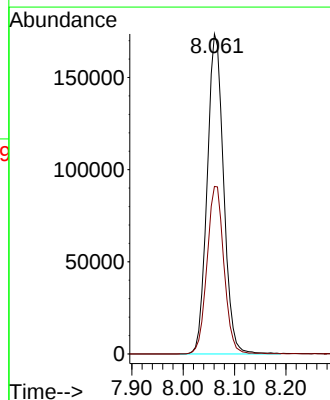
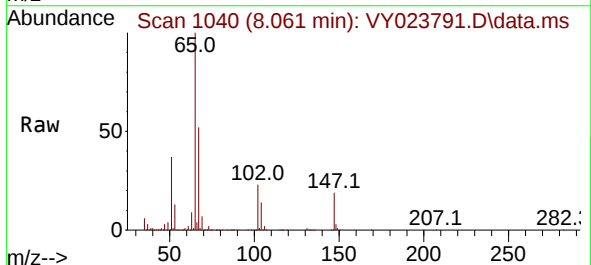
Instrument :
MSVOA_Y
ClientSampleId :
COMPRESSOR-EXCAVATION

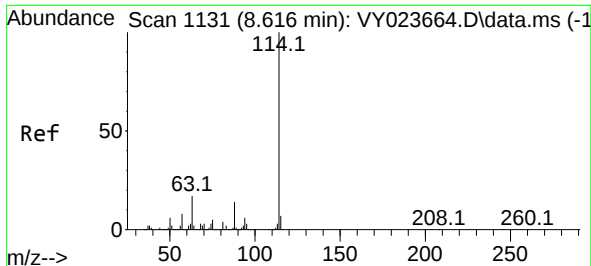
Tgt Ion:168 Resp: 697466
Ion Ratio Lower Upper
168 100
99 53.0 41.0 61.4



#33
1,2-Dichloroethane-d4
Concen: 64.990 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023791.D
Acq: 24 Nov 2025 15:34

Tgt Ion: 65 Resp: 386658
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023791.D

Acq: 24 Nov 2025 15:34

Instrument :

MSVOA_Y

ClientSampleId :

COMPRESSOR-EXCAVATION

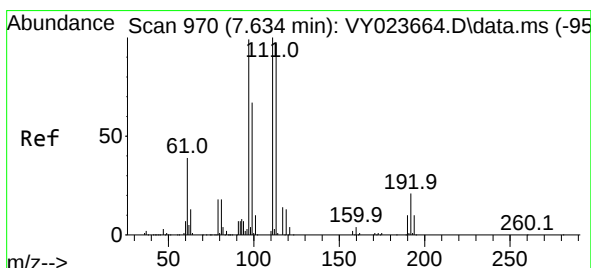
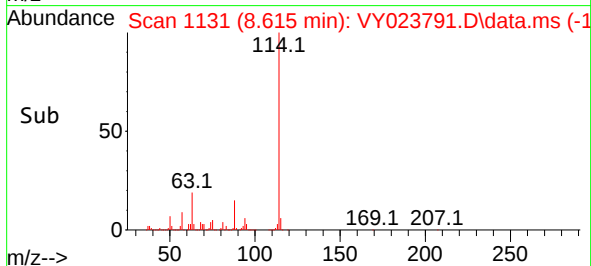
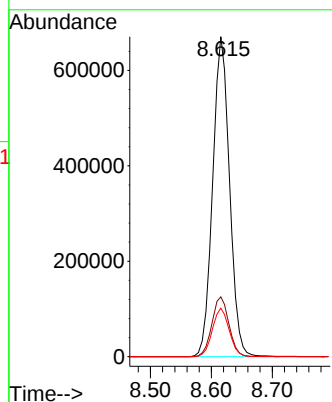
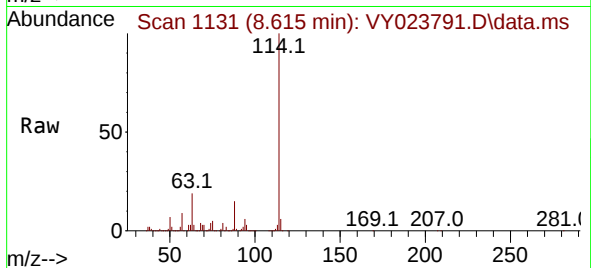
Tgt Ion:114 Resp: 1288188

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.8

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.912 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY023791.D

Acq: 24 Nov 2025 15:34

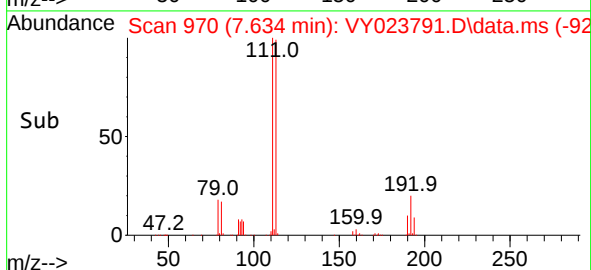
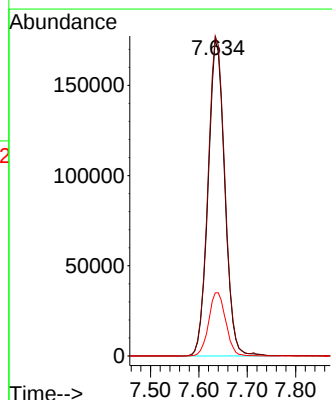
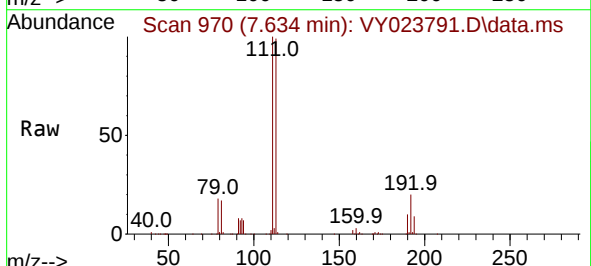
Tgt Ion:113 Resp: 417905

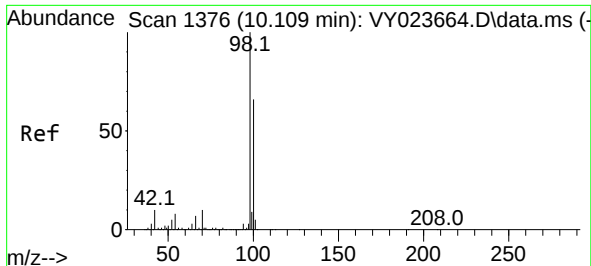
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 20.6 17.3 25.9

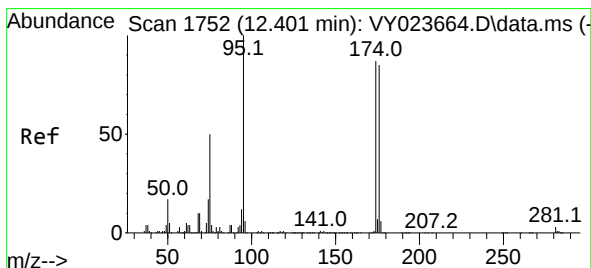
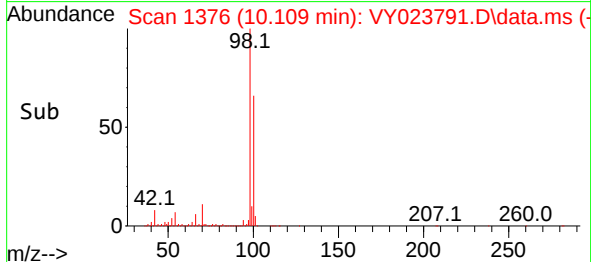
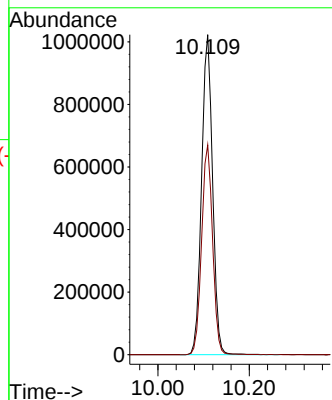
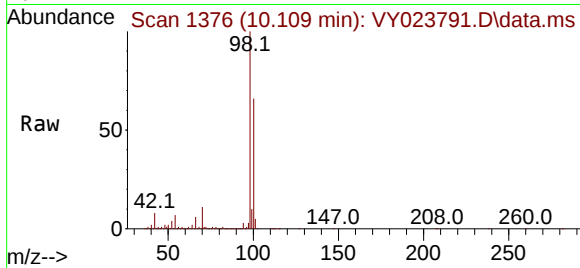




#50
Toluene-d8
Concen: 56.592 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023791.D
Acq: 24 Nov 2025 15:34

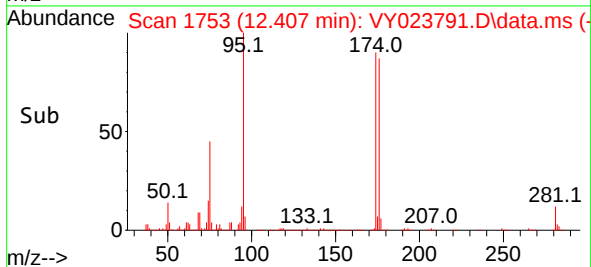
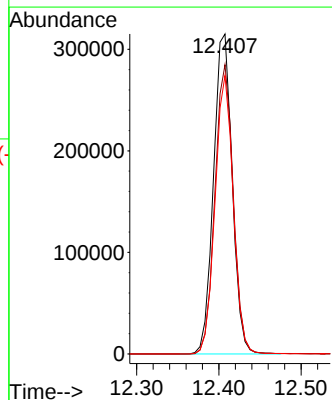
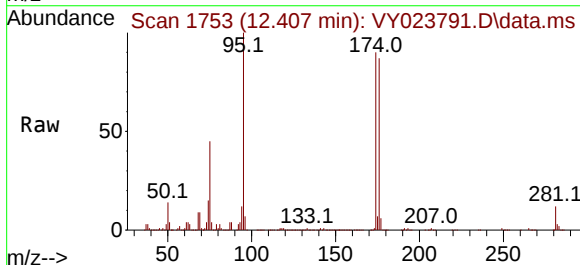
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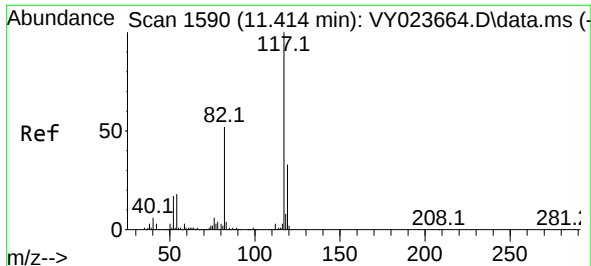
Tgt Ion: 98 Resp: 1697083
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.412 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023791.D
Acq: 24 Nov 2025 15:34

Tgt Ion: 95 Resp: 498583
Ion Ratio Lower Upper
95 100
174 88.8 0.0 184.8
176 84.8 0.0 181.6

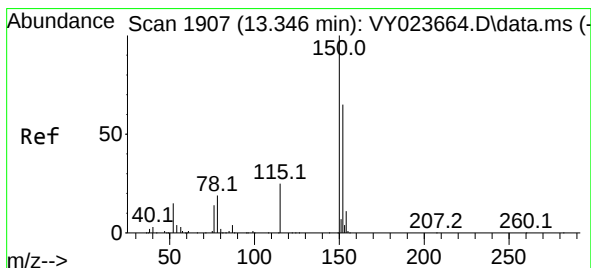
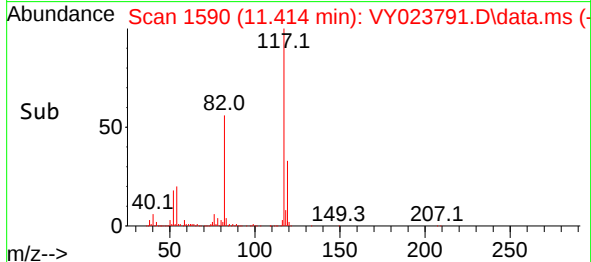
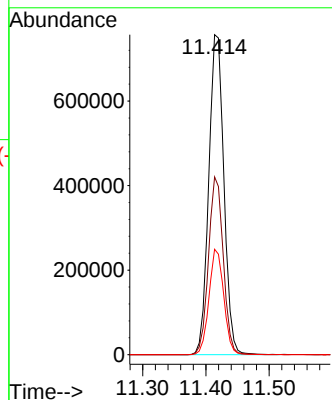
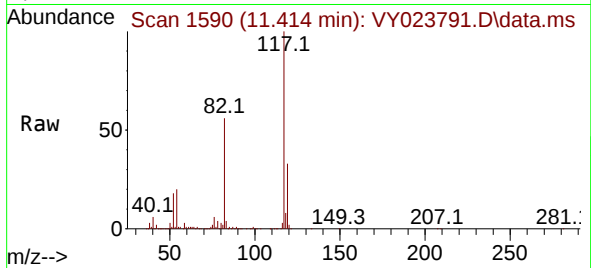




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023791.D
Acq: 24 Nov 2025 15:34

Instrument :
MSVOA_Y
ClientSampleId :
COMPRESSOR-EXCAVATION

Tgt Ion:117 Resp: 1262537
Ion Ratio Lower Upper
117 100
82 55.5 41.2 61.8
119 32.9 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: VY023791.D
Acq: 24 Nov 2025 15:34

Tgt Ion:152 Resp: 508090
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 156.9 0.0 349.0

