

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021028.D
 Acq On : 03 Feb 2025 14:13
 Operator : SY/MD
 Sample : VY0203SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBL01

Quant Time: Feb 04 00:54:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	159750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	240190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	89793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82847	50.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.240%
35) Dibromofluoromethane	7.640	113	90450	49.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.109	98	333541	47.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.414	95	98882	43.417	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.840%

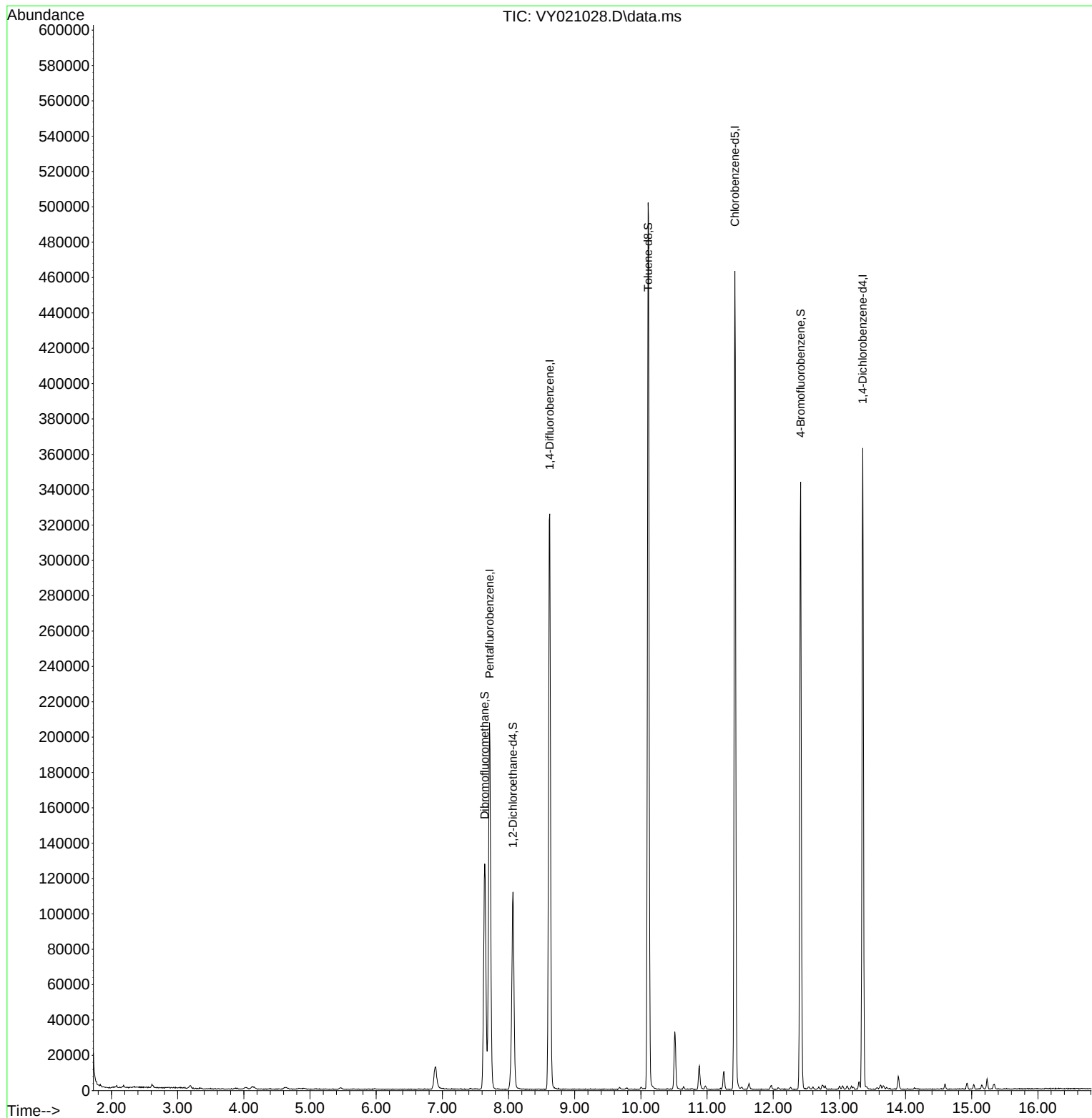
Target Compounds	Qvalue

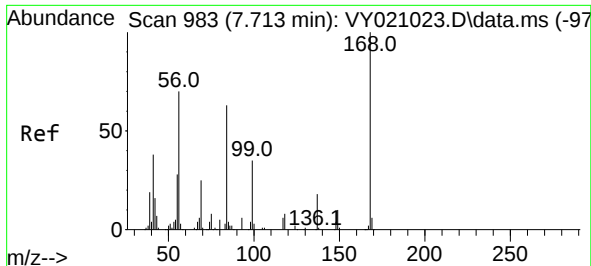
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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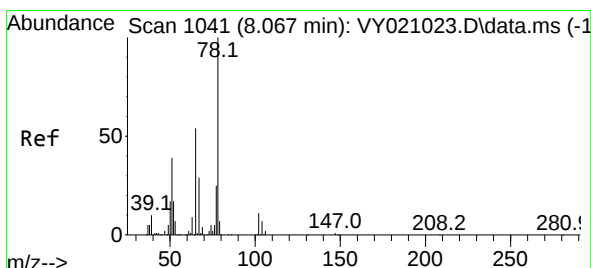
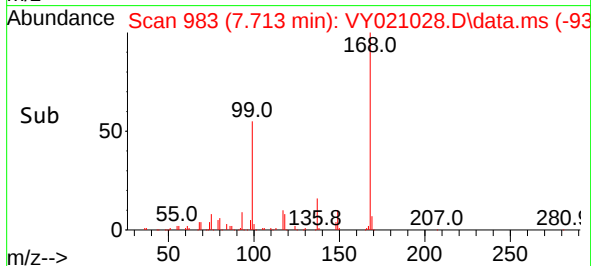
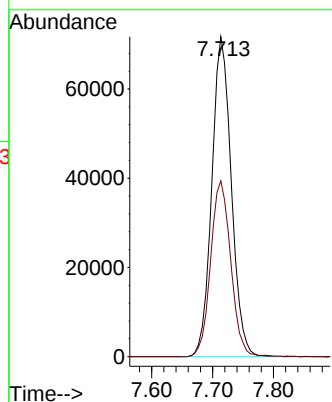
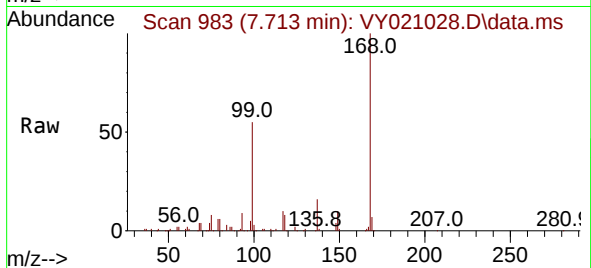




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021028.D
Acq: 03 Feb 2025 14:13

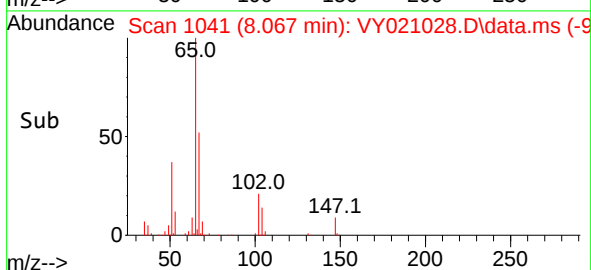
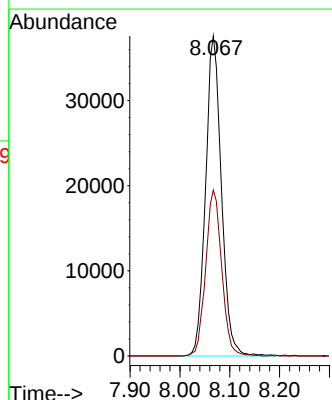
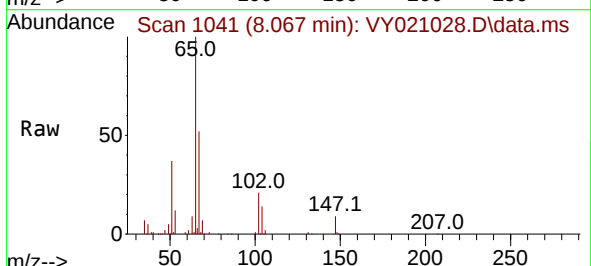
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

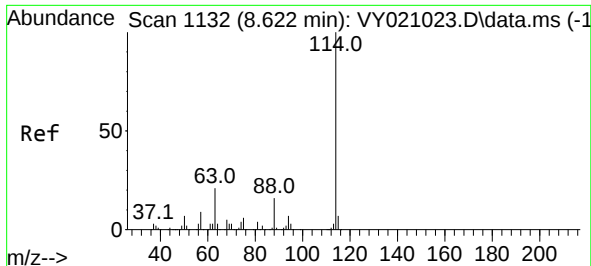
Tgt Ion:168 Resp: 159750
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.616 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021028.D
Acq: 03 Feb 2025 14:13

Tgt Ion: 65 Resp: 82847
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.0

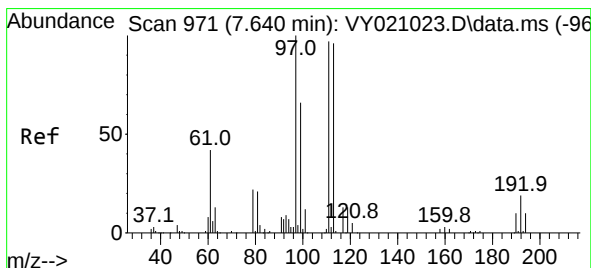
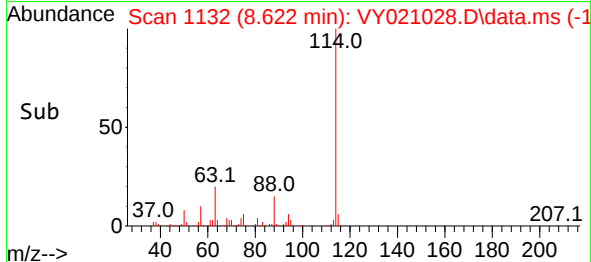
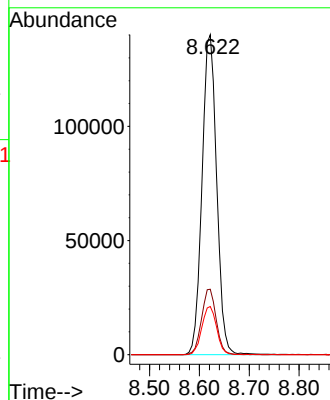
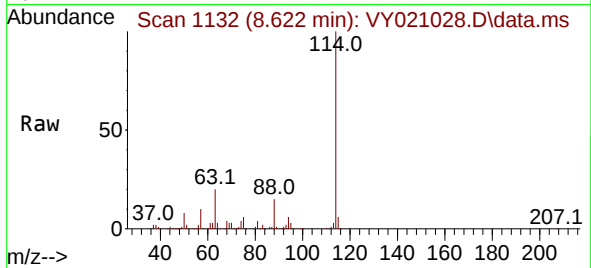




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021028.D
Acq: 03 Feb 2025 14:13

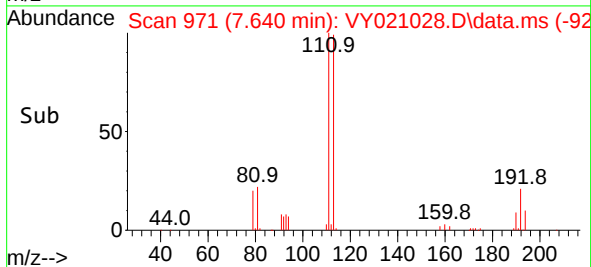
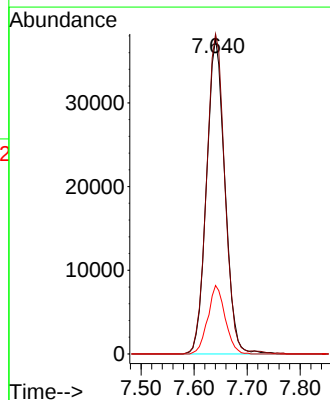
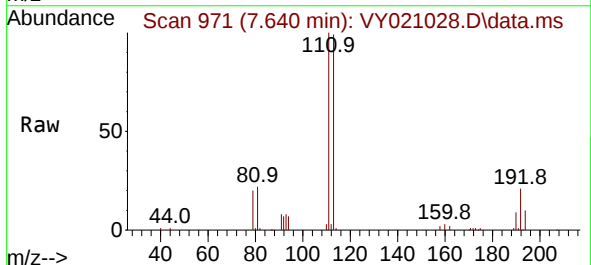
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

Tgt Ion:114 Resp: 285727
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.396 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021028.D
Acq: 03 Feb 2025 14:13

Tgt Ion:113 Resp: 90450
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 20.5 14.5 21.7

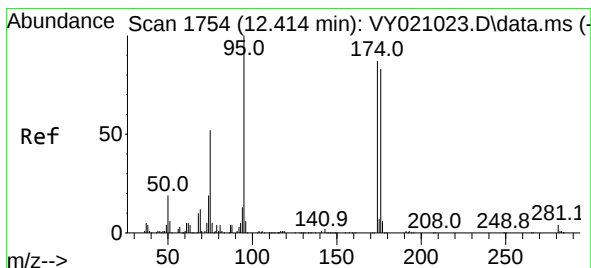
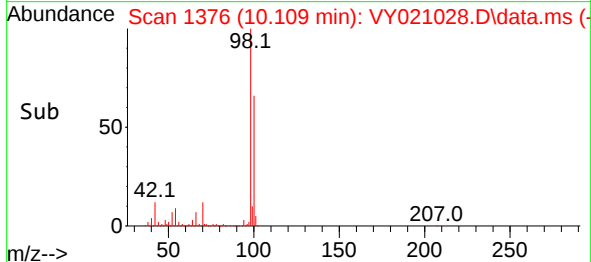
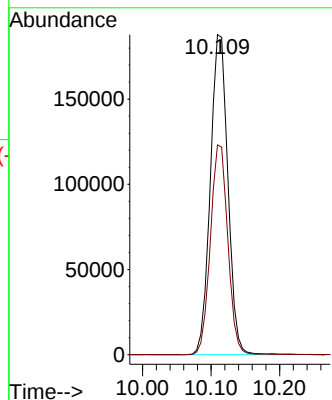
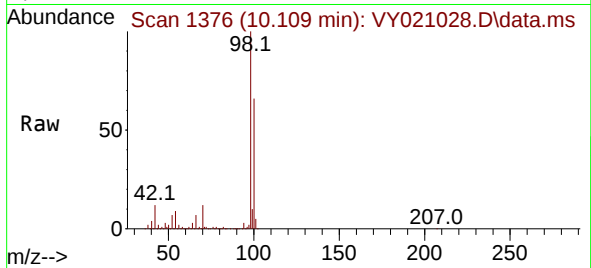




#50
Toluene-d8
Concen: 47.845 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021028.D
Acq: 03 Feb 2025 14:13

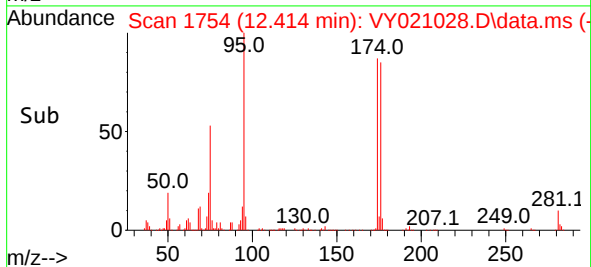
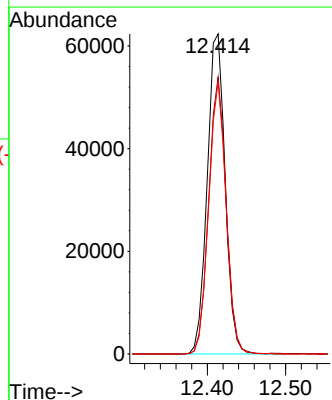
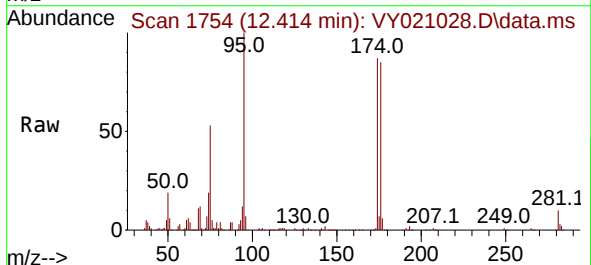
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

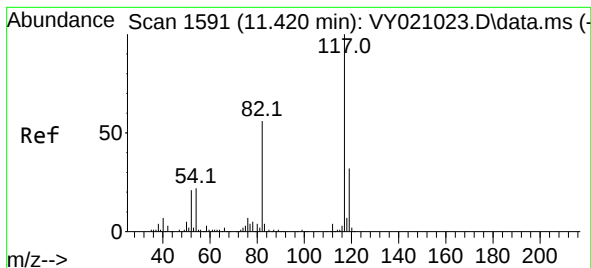
Tgt Ion: 98 Resp: 333541
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.417 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021028.D
Acq: 03 Feb 2025 14:13

Tgt Ion: 95 Resp: 98882
Ion Ratio Lower Upper
95 100
174 84.4 0.0 160.0
176 82.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021028.D

Acq: 03 Feb 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0203SBL01

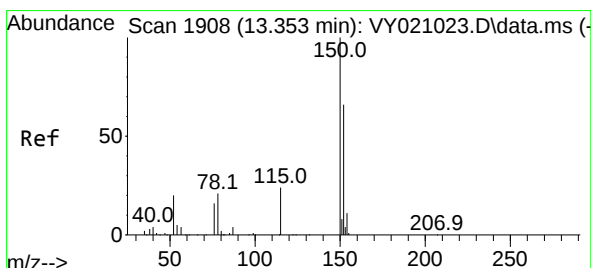
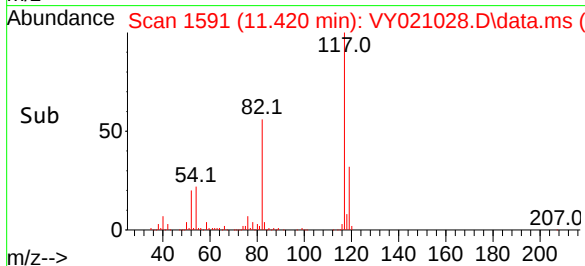
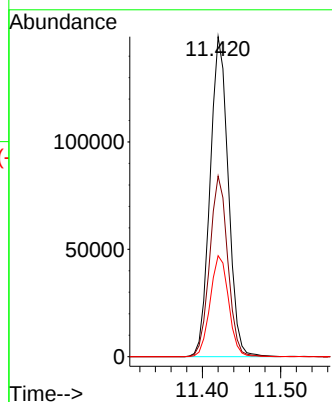
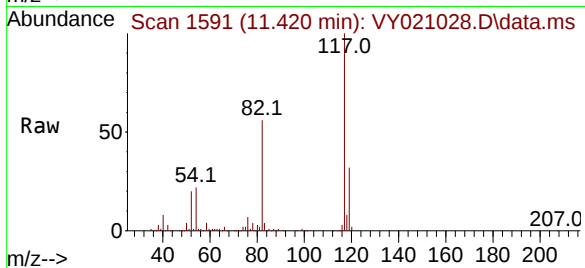
Tgt Ion:117 Resp: 240190

Ion Ratio Lower Upper

117 100

82 56.4 43.8 65.8

119 31.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021028.D

Acq: 03 Feb 2025 14:13

Tgt Ion:152 Resp: 89793

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 159.7 0.0 344.6

