

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044921.D
 Acq On : 12 Feb 2025 10:34
 Operator : JC/MD
 Sample : VX0212MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212MBL01

Quant Time: Feb 13 00:46:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	187975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73164	55.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.060%
35) Dibromofluoromethane	5.373	113	62053	50.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.540%
50) Toluene-d8	8.641	98	233491	50.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	11.079	95	84109	53.986	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.980%

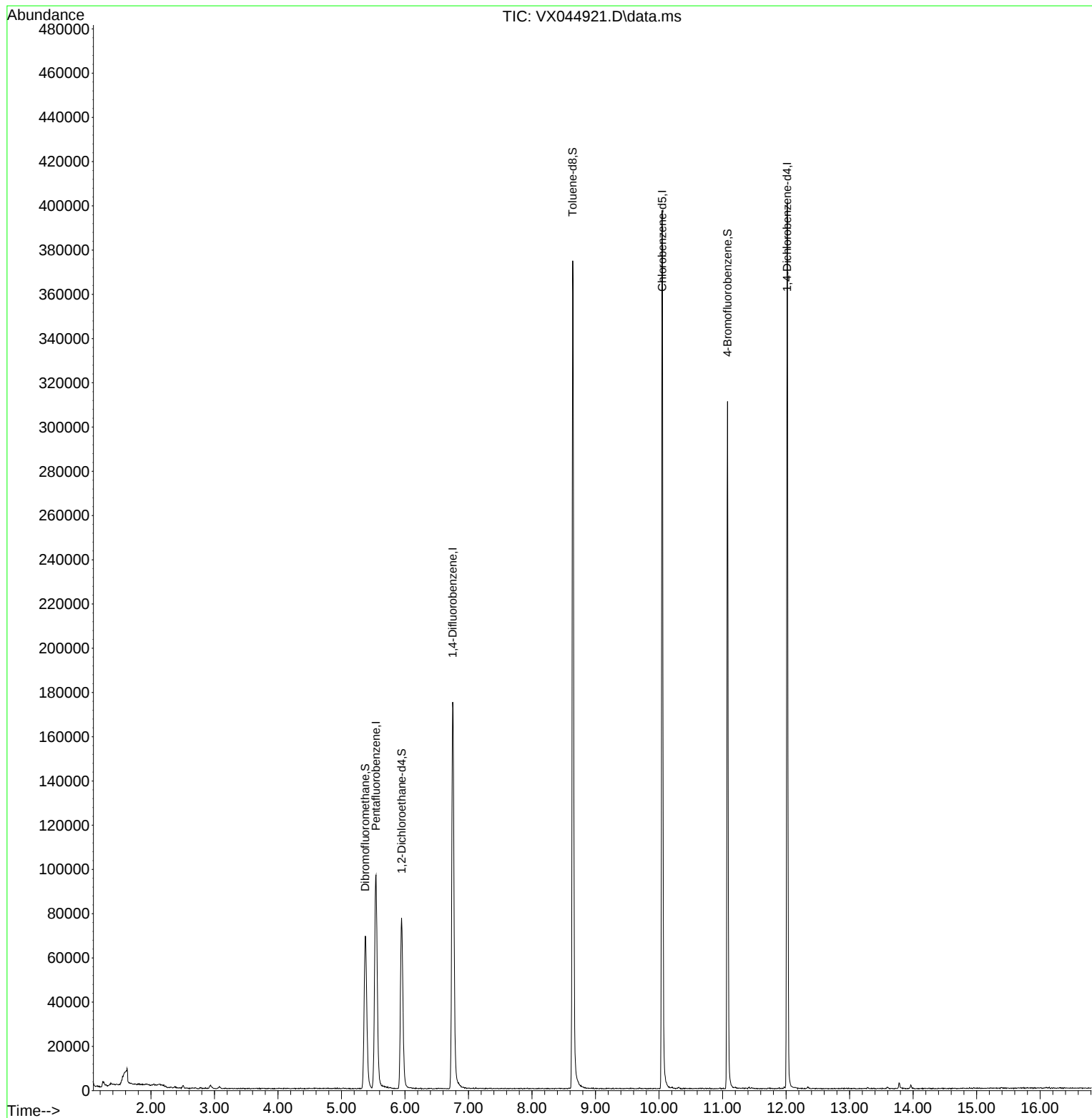
Target Compounds	Qvalue

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

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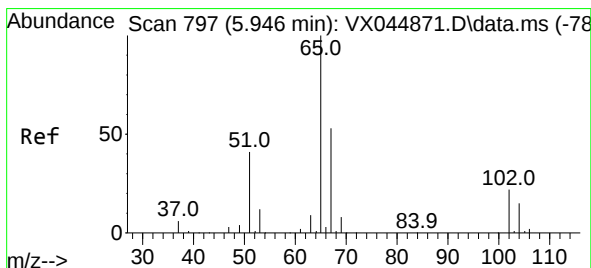
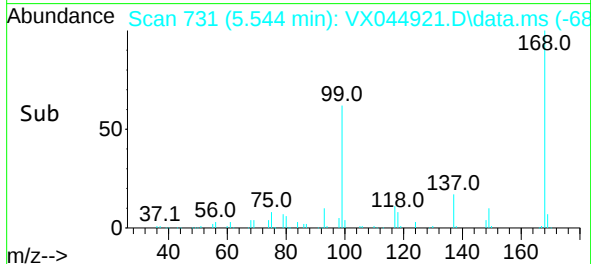
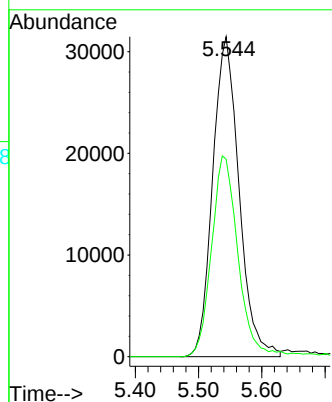
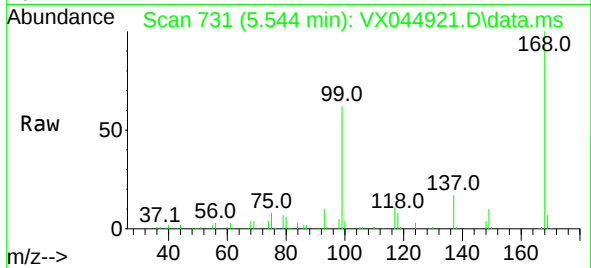




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

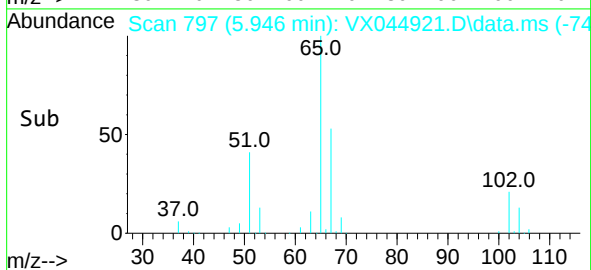
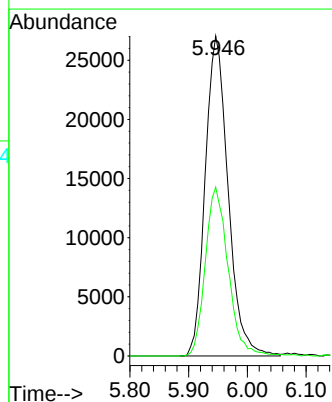
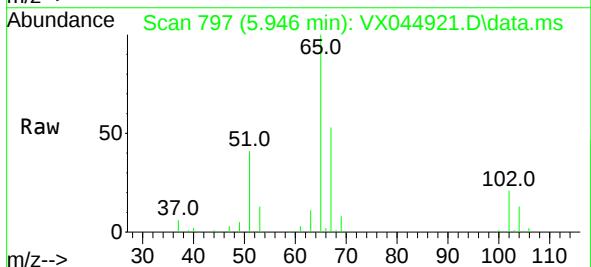
Instrument :
MSVOA_X
ClientSampleId :
VX0212MBL01

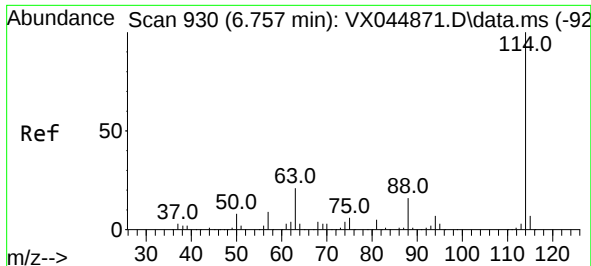
Tgt Ion:168 Resp: 90822
Ion Ratio Lower Upper
168 100
99 61.7 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 55.032 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion: 65 Resp: 73164
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

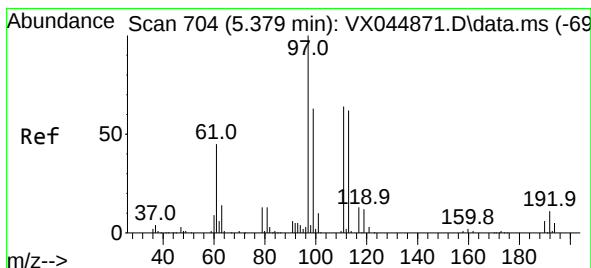
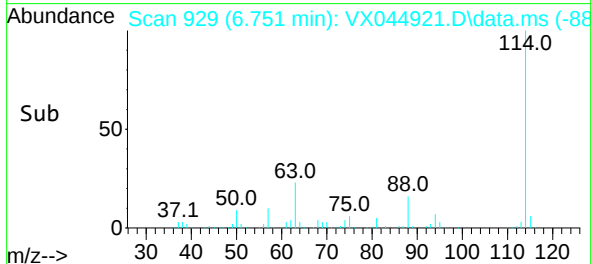
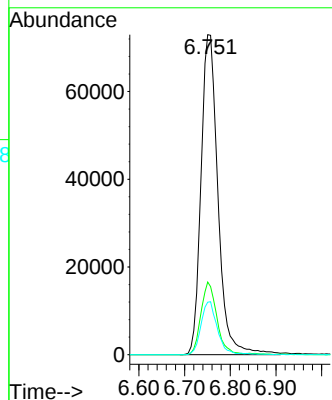
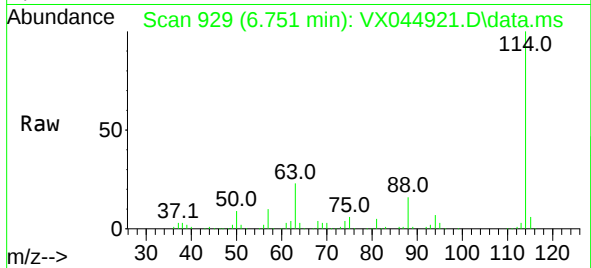




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

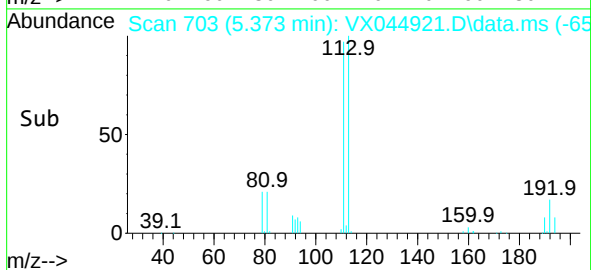
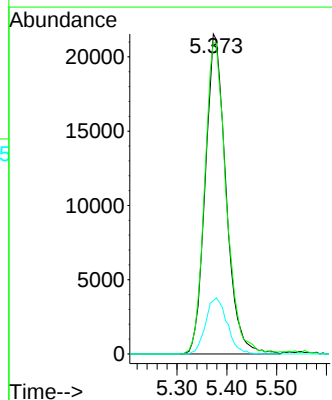
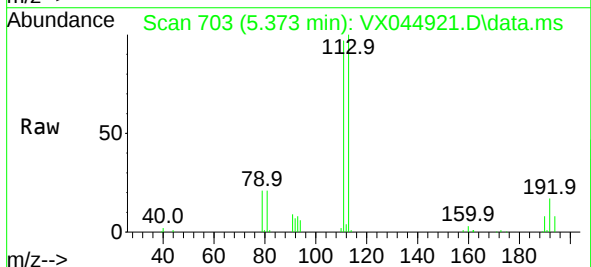
Instrument :
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ClientSampleId :
VX0212MBL01

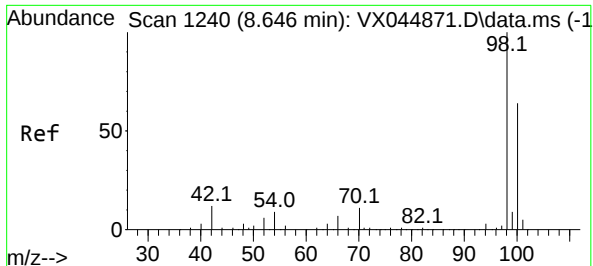
Tgt Ion:114 Resp: 187975
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.4
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.774 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion:113 Resp: 62053
Ion Ratio Lower Upper
113 100
111 101.6 83.5 125.3
192 18.2 14.4 21.6

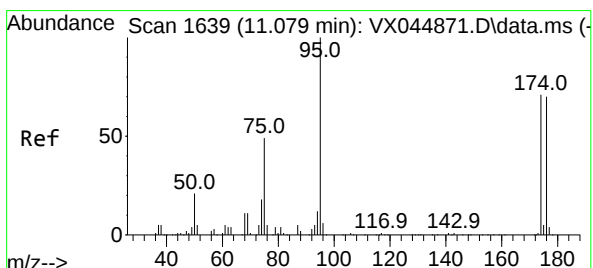
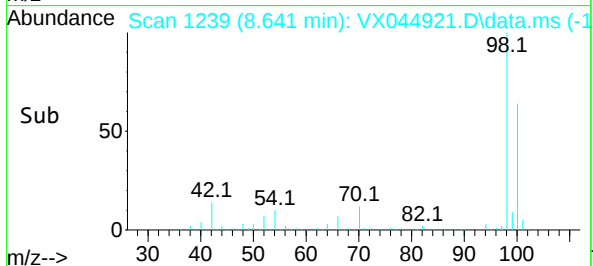
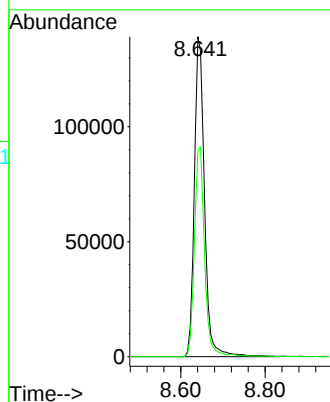
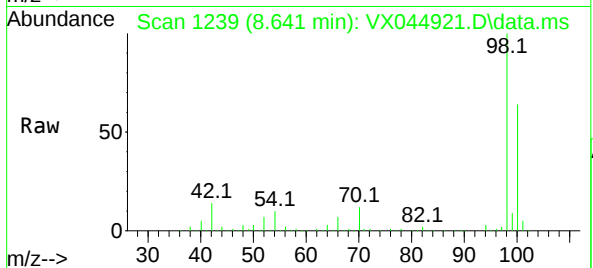




#50
Toluene-d8
Concen: 50.523 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

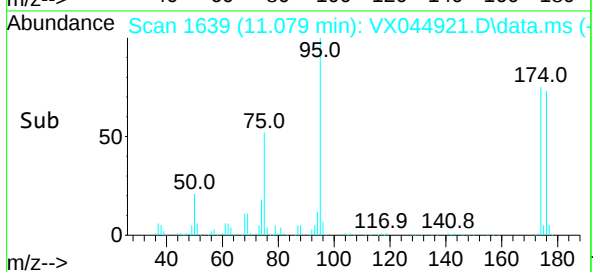
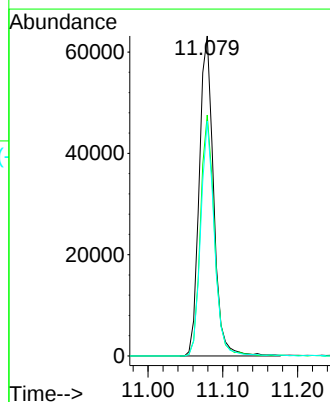
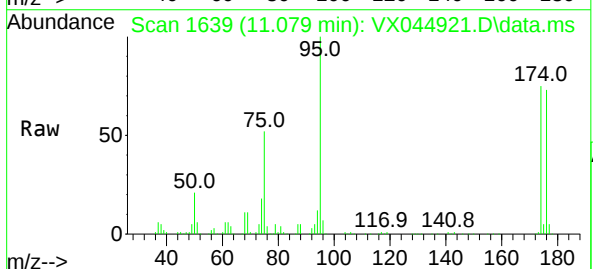
Instrument :
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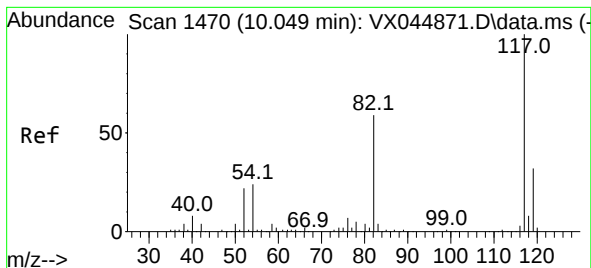
Tgt Ion: 98 Resp: 233491
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044921.D
Acq: 12 Feb 2025 10:34

Tgt Ion: 95 Resp: 84109
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 69.7 0.0 141.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044921.D

Acq: 12 Feb 2025 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX0212MBL01

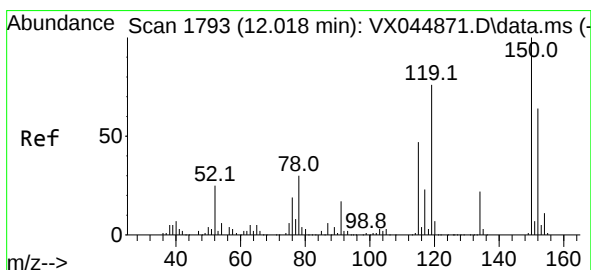
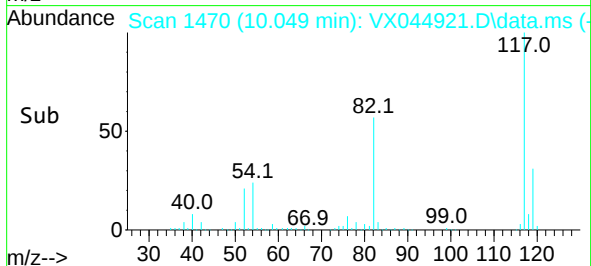
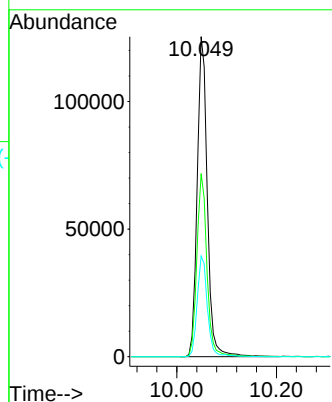
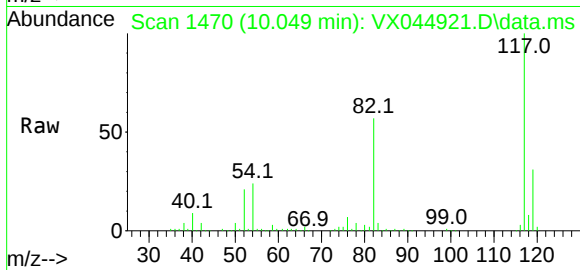
Tgt Ion:117 Resp: 176520

Ion Ratio Lower Upper

117 100

82 57.2 47.5 71.3

119 31.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044921.D

Acq: 12 Feb 2025 10:34

Tgt Ion:152 Resp: 79122

Ion Ratio Lower Upper

152 100

115 61.6 43.4 130.1

150 154.7 0.0 350.4

