

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123124\
 Data File : VX044570.D
 Acq On : 31 Dec 2024 10:49
 Operator : JC/MD
 Sample : VX1231WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBL02

Quant Time: Jan 01 01:36:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	128703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95381	42.268	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.540%
35) Dibromofluoromethane	5.379	113	75909	50.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	8.647	98	268209	52.799	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.600%
62) 4-Bromofluorobenzene	11.079	95	84593	47.658	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.320%

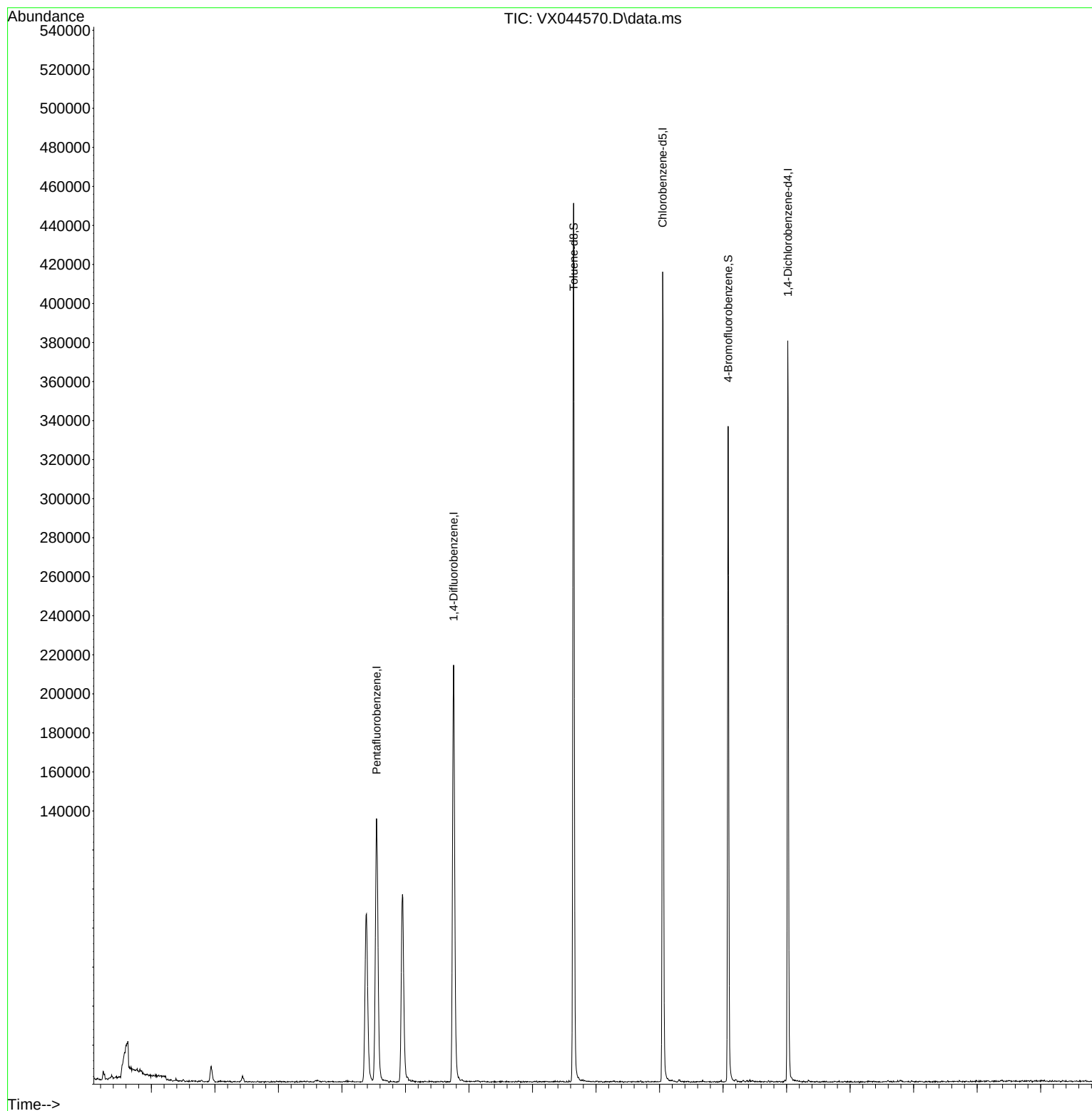
Target Compounds Qvalue

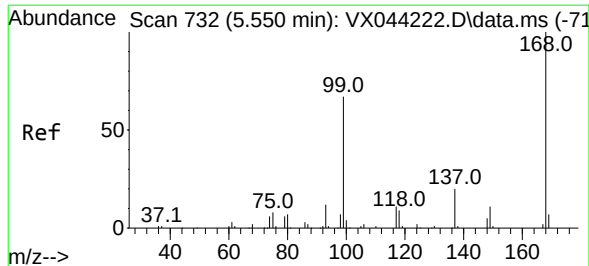
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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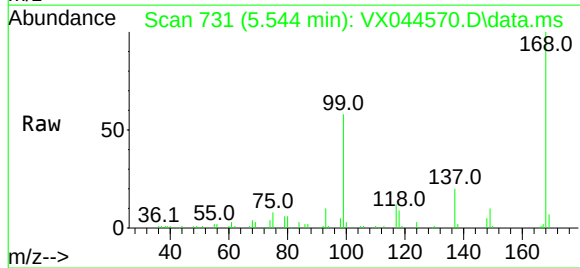
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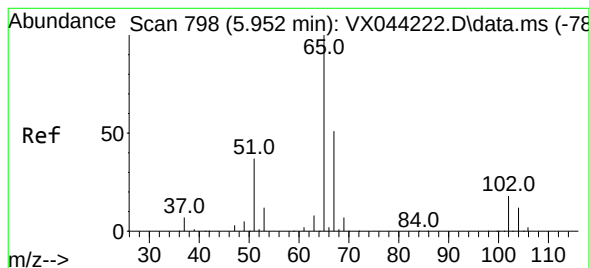
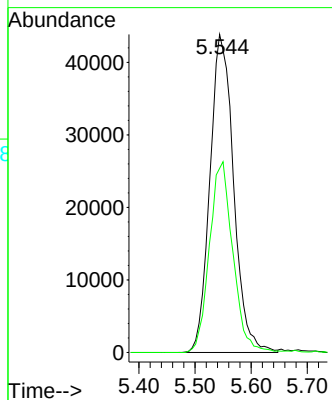
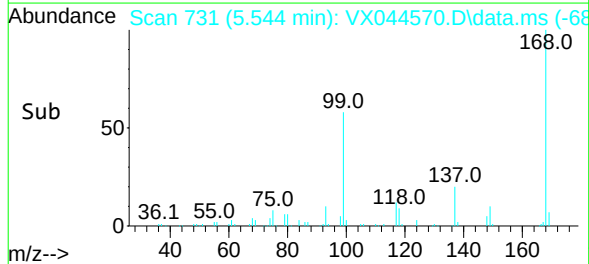


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL02

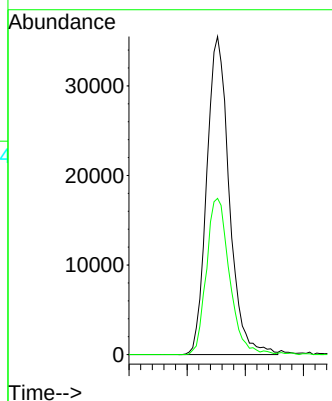
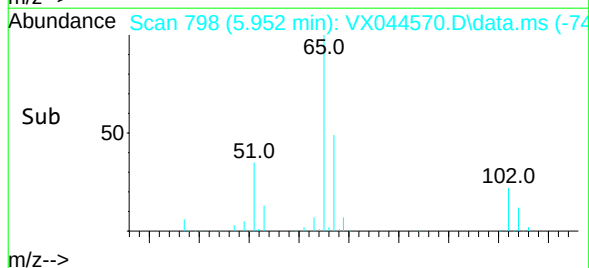
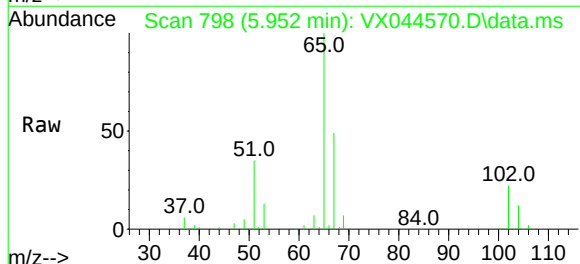


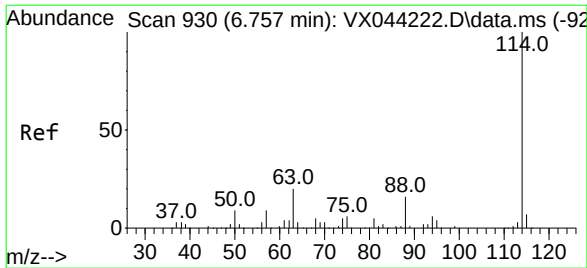
Tgt Ion:168 Resp: 128703
Ion Ratio Lower Upper
168 100
99 57.9 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 42.268 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 65 Resp: 95381
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6

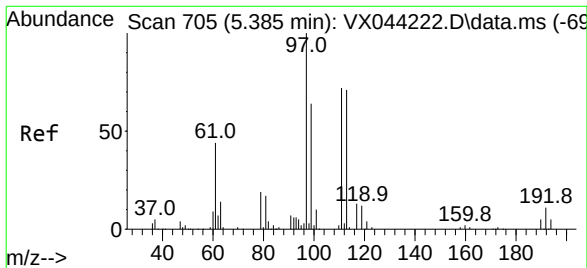
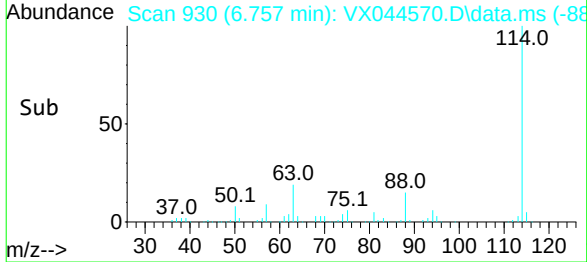
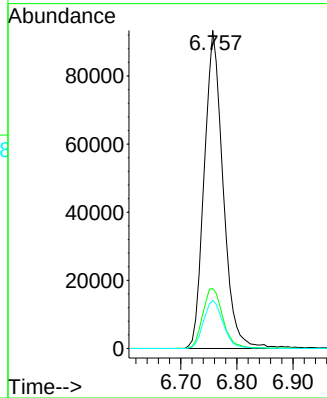
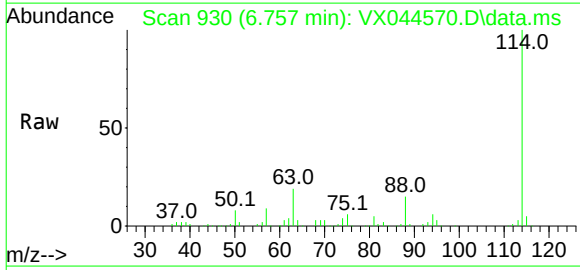




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

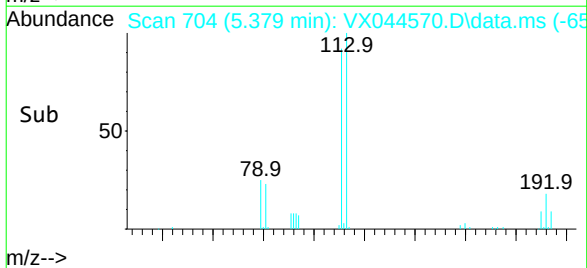
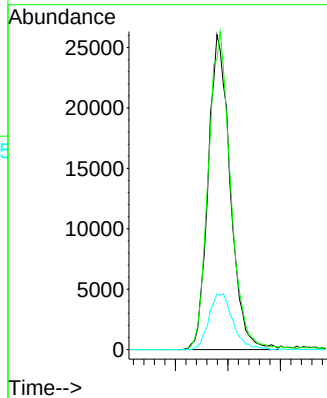
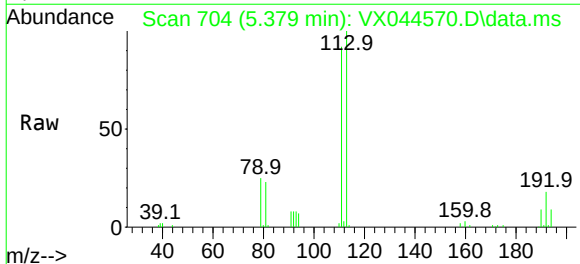
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL02

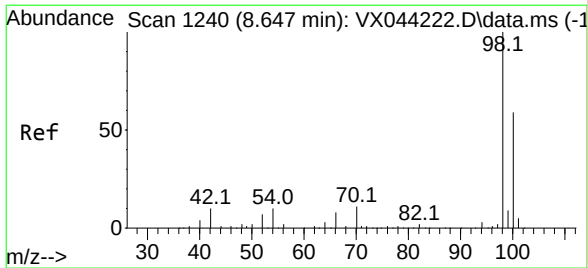
Tgt Ion:	114	Resp:	217401
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.6
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion:	113	Resp:	75909
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.4	120.6
192	19.3	13.3	19.9

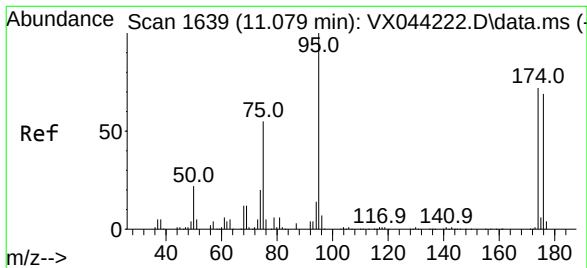
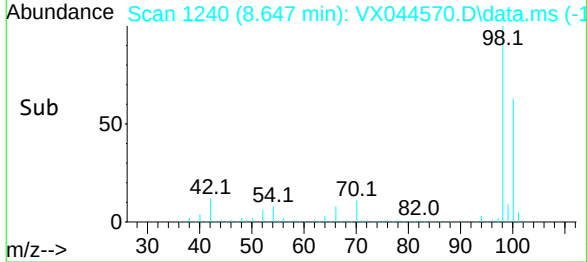
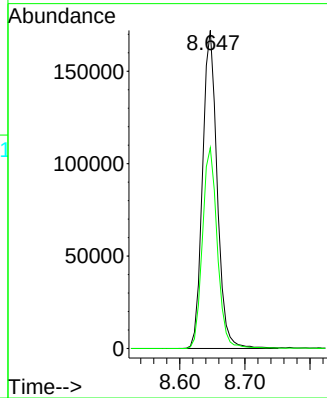
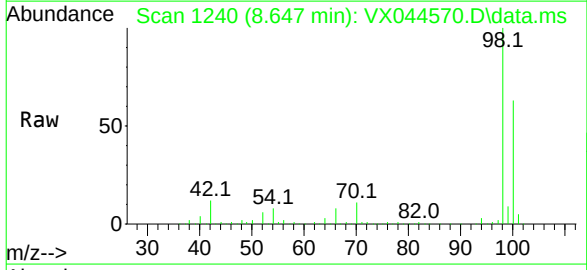




#50
Toluene-d8
Concen: 52.799 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

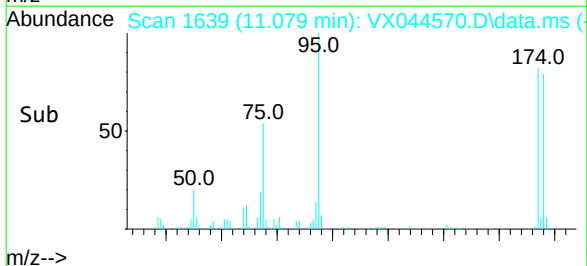
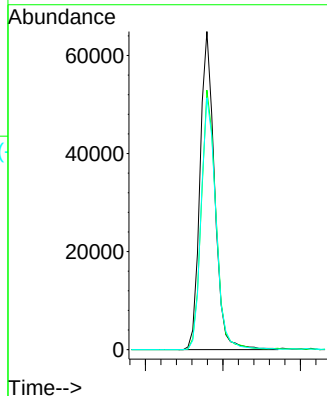
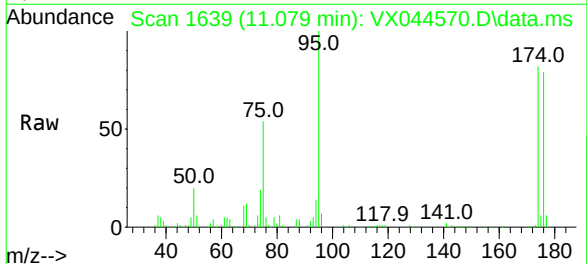
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL02

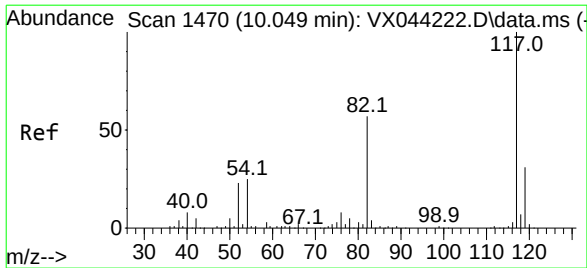
Tgt Ion: 98 Resp: 268209
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044570.D
Acq: 31 Dec 2024 10:49

Tgt Ion: 95 Resp: 84593
Ion Ratio Lower Upper
95 100
174 81.9 0.0 145.8
176 80.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044570.D

Acq: 31 Dec 2024 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBL02

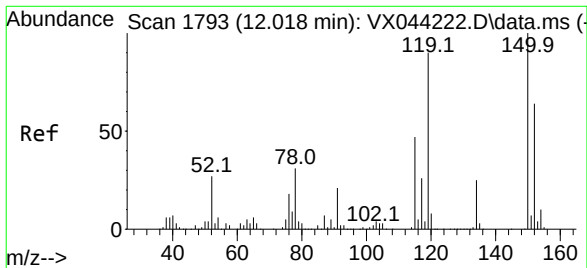
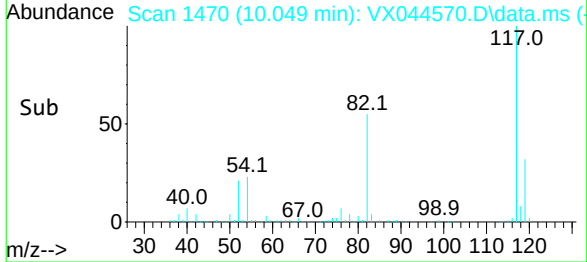
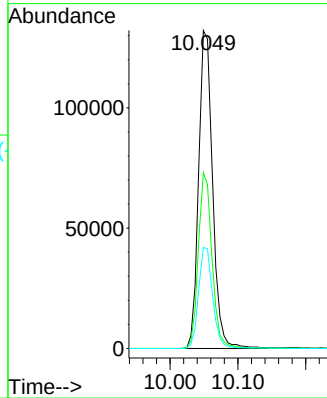
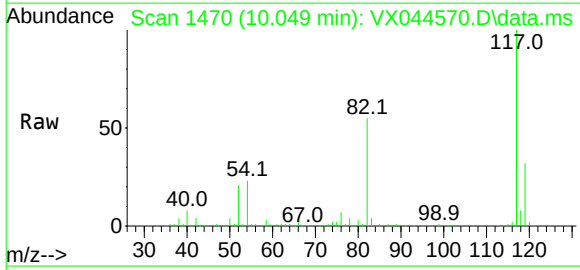
Tgt Ion:117 Resp: 189142

Ion Ratio Lower Upper

117 100

82 55.3 45.8 68.8

119 31.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044570.D

Acq: 31 Dec 2024 10:49

Tgt Ion:152 Resp: 80019

Ion Ratio Lower Upper

152 100

115 58.7 44.5 133.3

150 157.0 0.0 353.8

