

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045464.D
 Acq On : 26 Mar 2025 12:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 27 01:37:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	63377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	123437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58563	58.092	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.180%
35) Dibromofluoromethane	5.379	113	43781	53.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.080%
50) Toluene-d8	8.646	98	152557	50.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.079	95	54036	54.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.000%

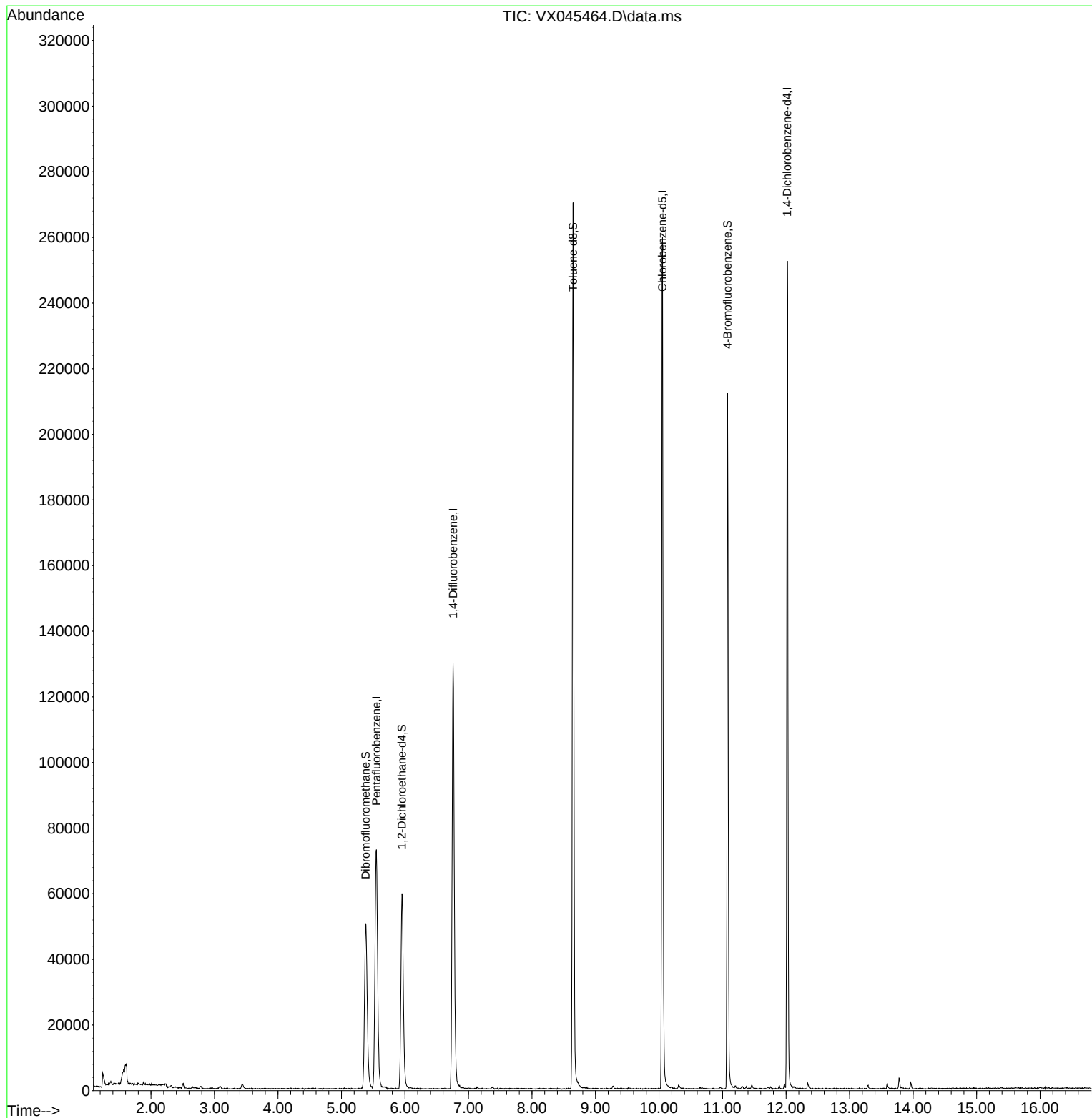
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
Data File : VX045464.D
Acq On : 26 Mar 2025 12:56
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Mar 27 01:37:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

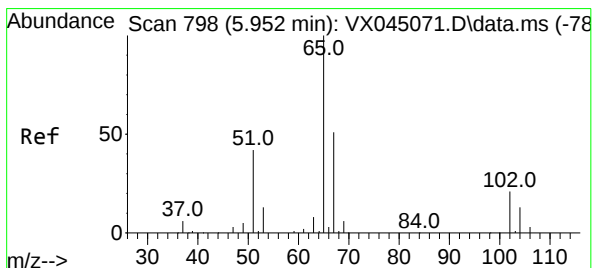
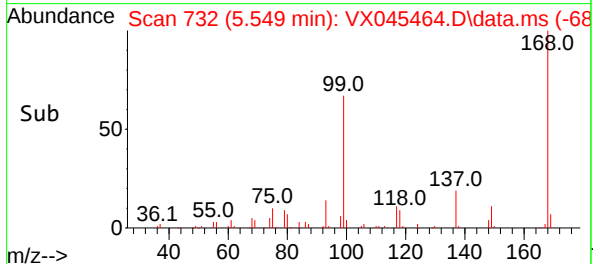
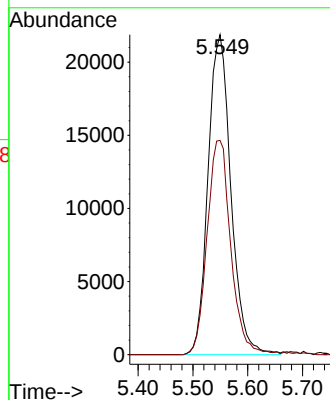
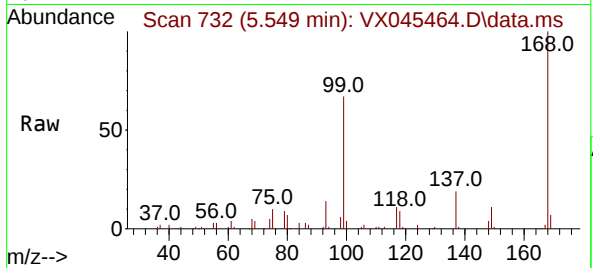




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.001 min
Lab File: VX045464.D
Acq: 26 Mar 2025 12:56

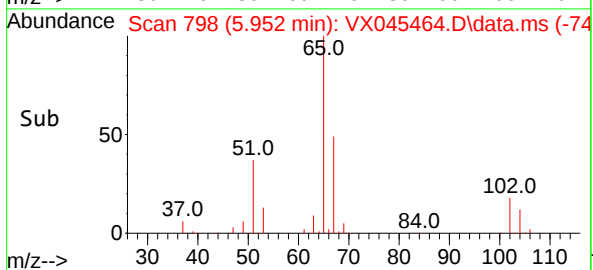
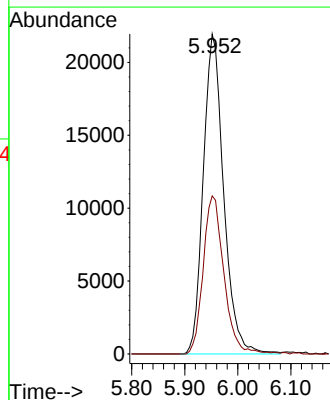
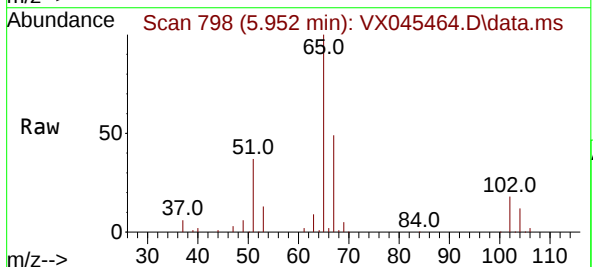
Instrument :
MSVOA_X
ClientSampleId :
IBLK

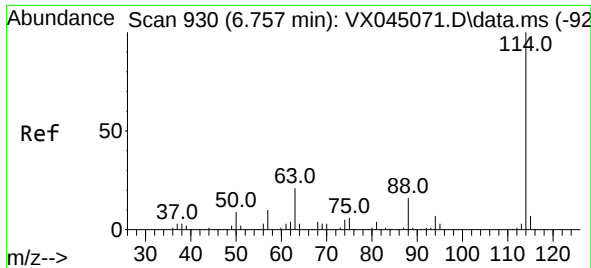
Tgt Ion:168 Resp: 63377
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.092 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045464.D
Acq: 26 Mar 2025 12:56

Tgt Ion: 65 Resp: 58563
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

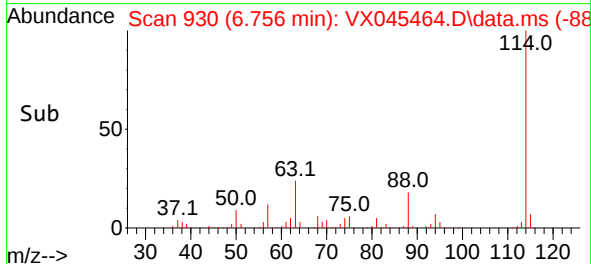
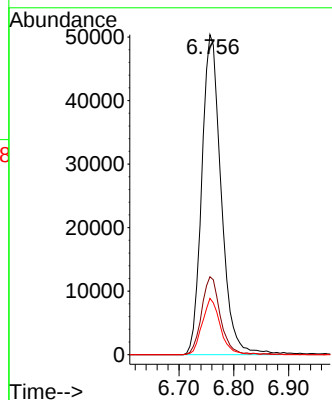
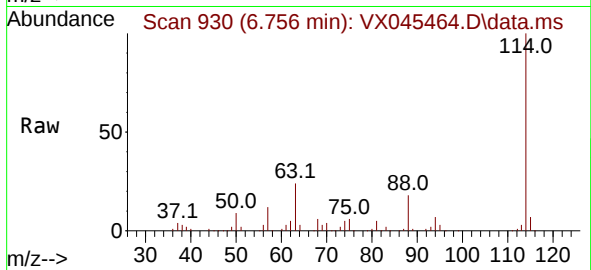




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.756 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045464.D
 Acq: 26 Mar 2025 12:56

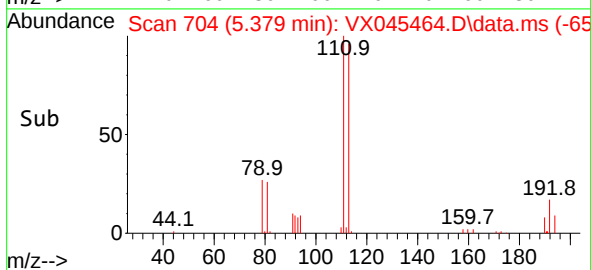
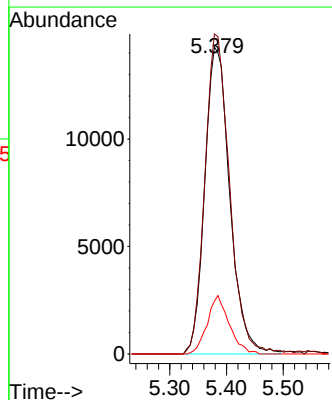
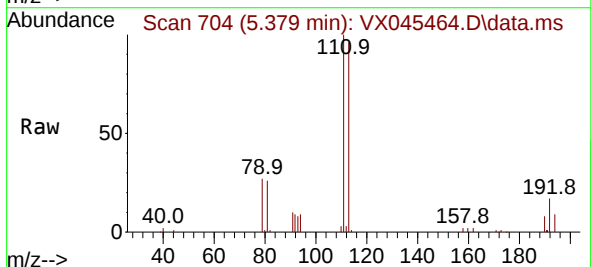
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

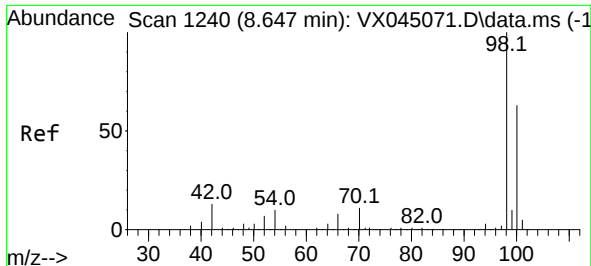
Tgt Ion:	114	Resp:	123437
Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	41.8
88	17.6	0.0	32.8



#35
 Dibromofluoromethane
 Concen: 53.043 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.007 min
 Lab File: VX045464.D
 Acq: 26 Mar 2025 12:56

Tgt Ion:	113	Resp:	43781
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	16.7	14.3	21.5





#50

Toluene-d8

Concen: 50.983 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045464.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

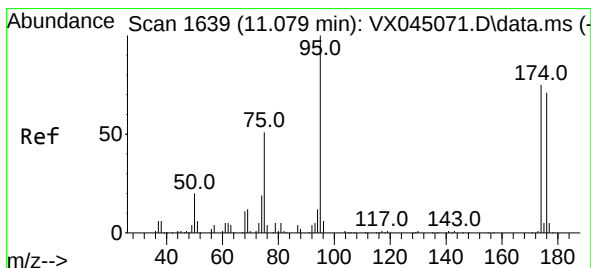
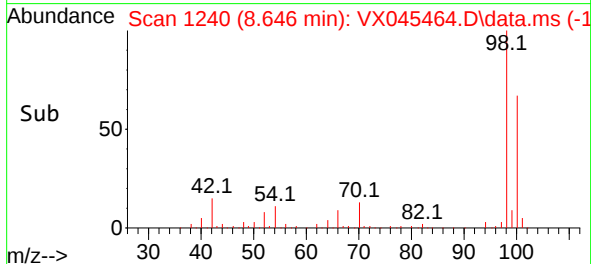
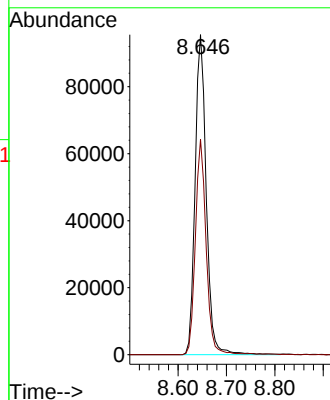
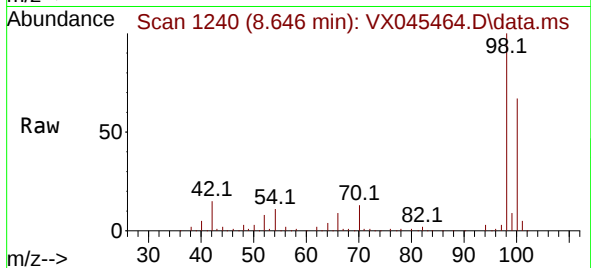
IBLK

Tgt Ion: 98 Resp: 152557

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.495 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045464.D

Acq: 26 Mar 2025 12:56

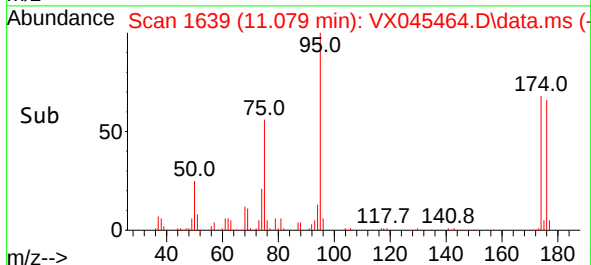
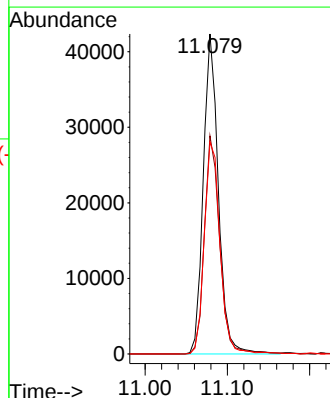
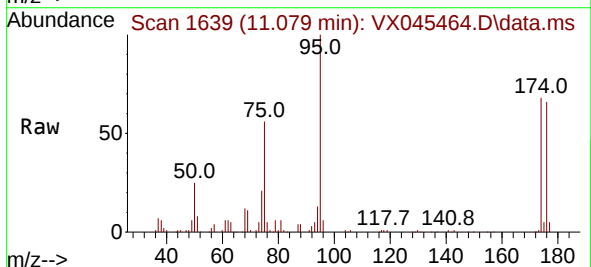
Tgt Ion: 95 Resp: 54036

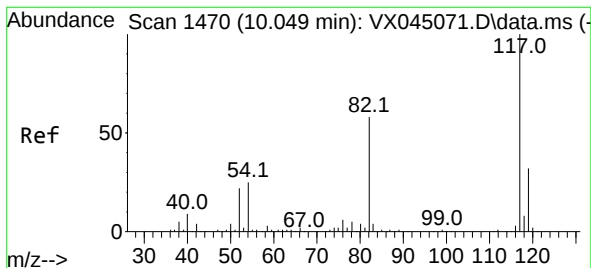
Ion Ratio Lower Upper

95 100

174 69.3 0.0 148.2

176 69.4 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045464.D

Acq: 26 Mar 2025 12:56

Instrument :

MSVOA_X

ClientSampleId :

IBLK

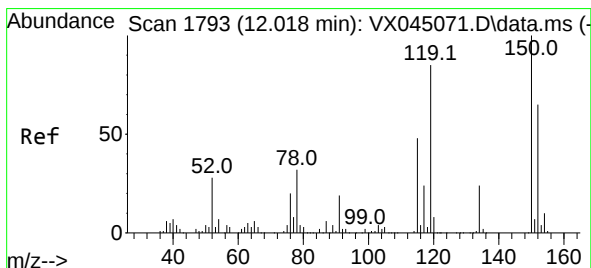
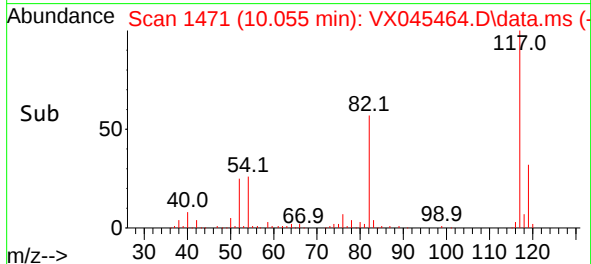
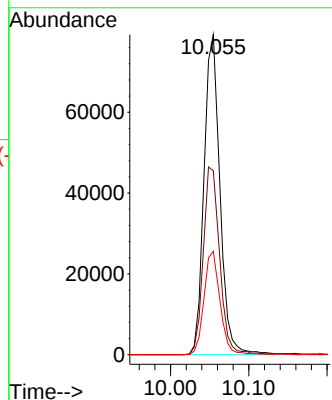
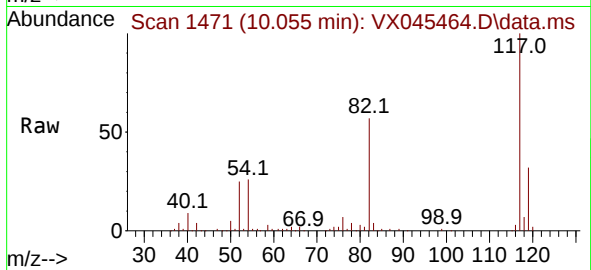
Tgt Ion:117 Resp: 112128

Ion Ratio Lower Upper

117 100

82 57.4 46.3 69.5

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045464.D

Acq: 26 Mar 2025 12:56

Tgt Ion:152 Resp: 48112

Ion Ratio Lower Upper

152 100

115 64.0 44.2 132.6

150 156.6 0.0 349.0

