

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035710.D
 Acq On : 17 May 2023 12:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 18 04:40:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	184698	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	344810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158840	49.297	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.600%
35) Dibromofluoromethane	5.385	113	112731	48.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.647	98	416480	48.481	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	167671	48.475	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%

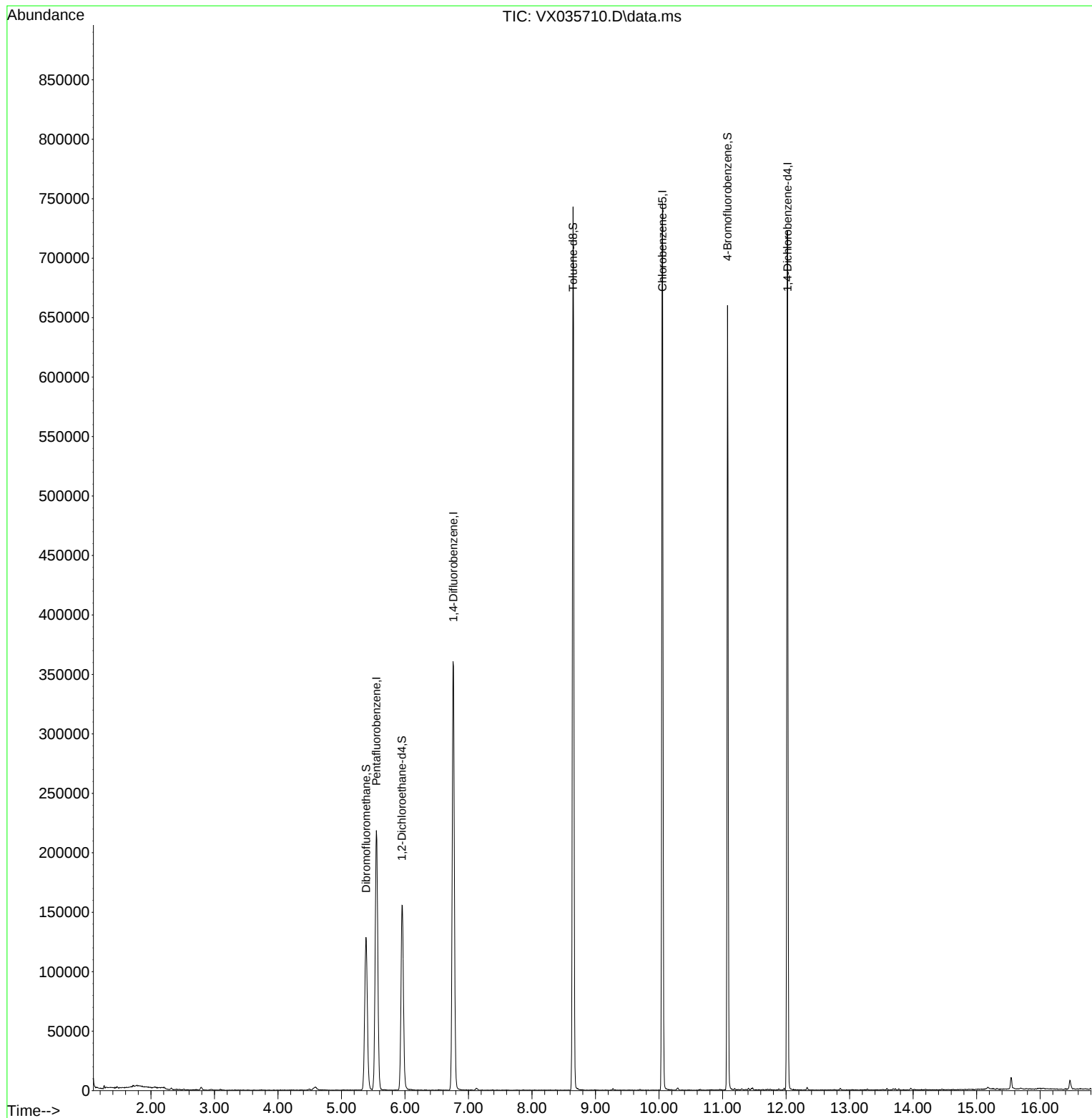
Target Compounds	Qvalue

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

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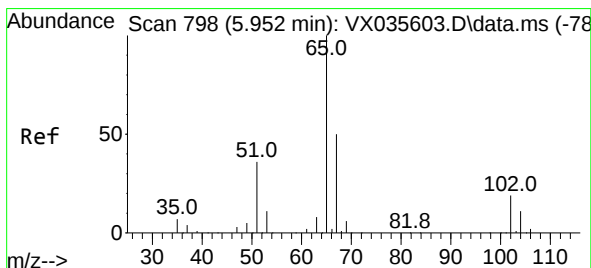
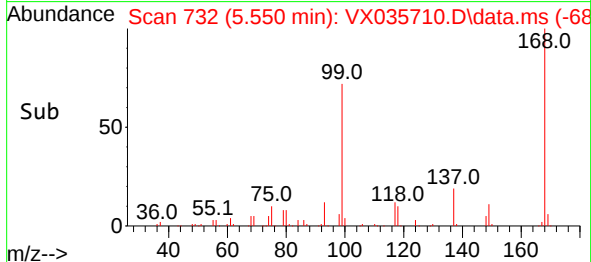
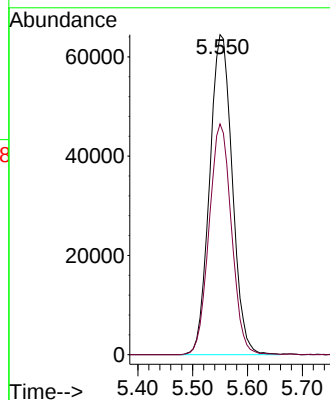
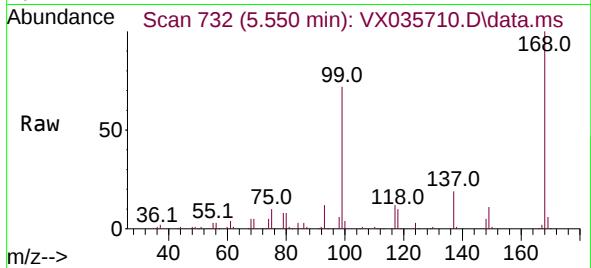




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX035710.D
Acq: 17 May 2023 12:05

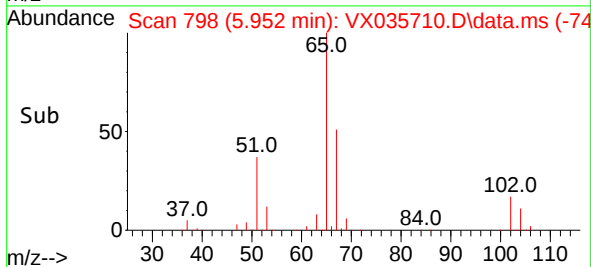
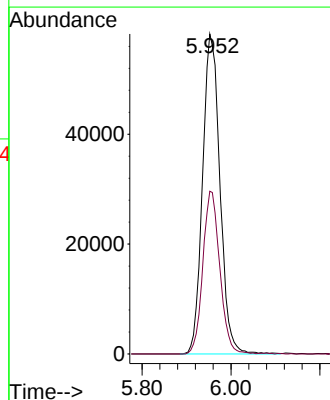
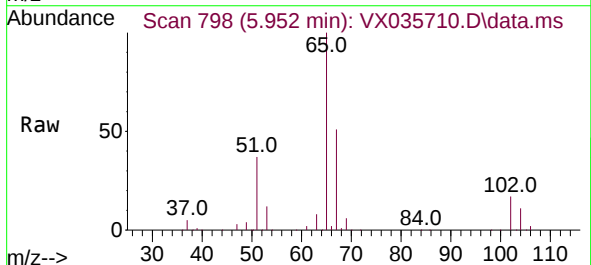
Instrument :
MSVOA_X
ClientSampleId :
IBLK

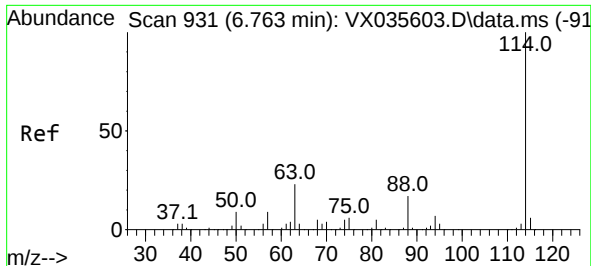
Tgt Ion:168 Resp: 184698
Ion Ratio Lower Upper
168 100
99 72.1 45.7 68.5#



#33
1,2-Dichloroethane-d4
Concen: 49.297 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035710.D
Acq: 17 May 2023 12:05

Tgt Ion: 65 Resp: 158840
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0

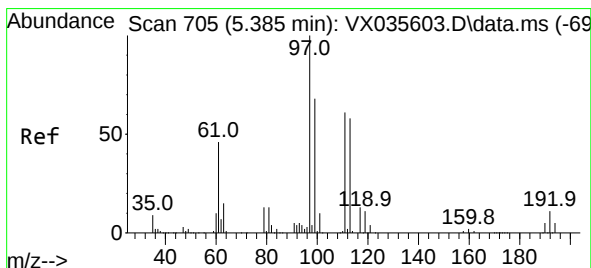
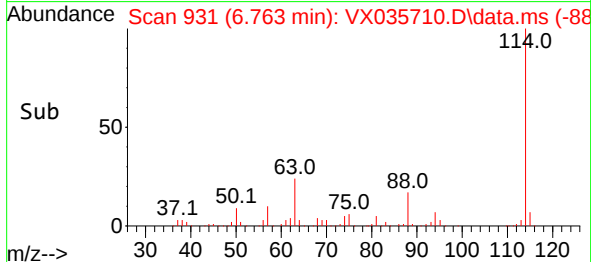
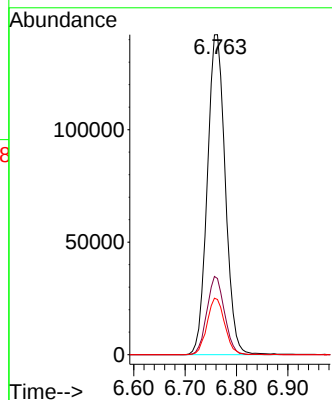
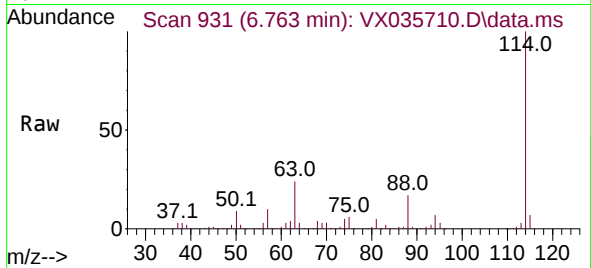




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035710.D
Acq: 17 May 2023 12:05

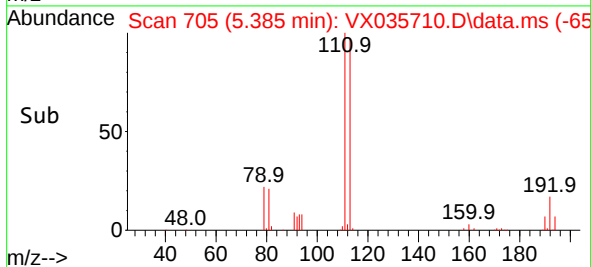
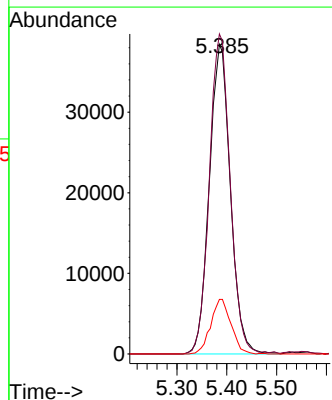
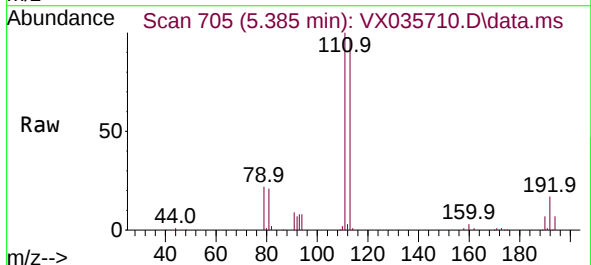
Instrument :
MSVOA_X
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IBLK

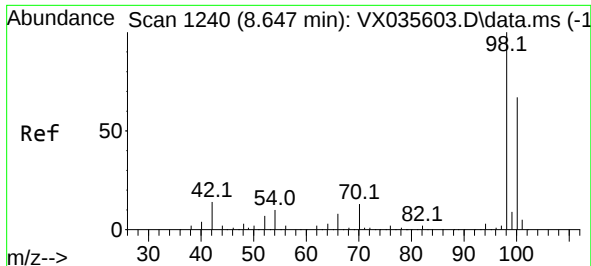
Tgt Ion:114 Resp: 344810
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 17.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.478 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035710.D
Acq: 17 May 2023 12:05

Tgt Ion:113 Resp: 112731
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 16.9 15.4 23.2

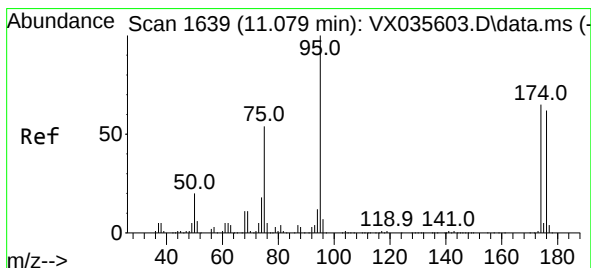
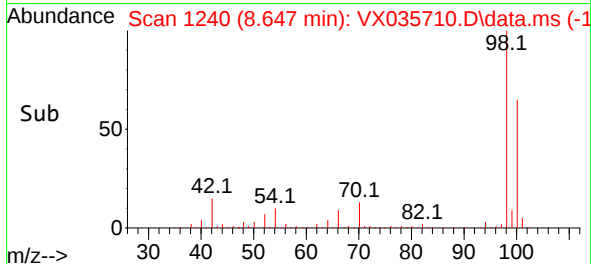
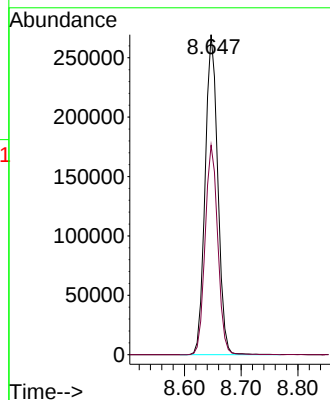
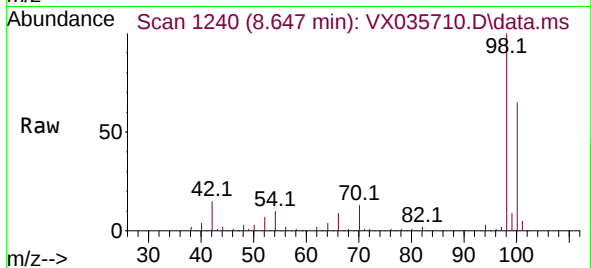




#50
Toluene-d8
Concen: 48.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035710.D
Acq: 17 May 2023 12:05

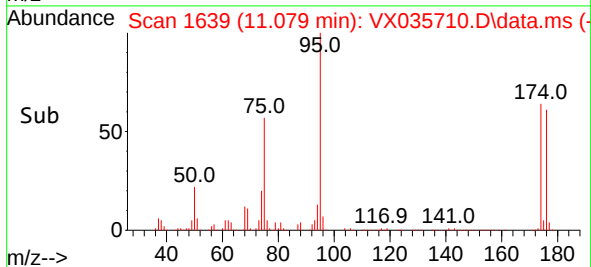
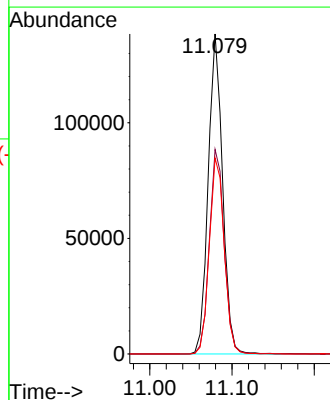
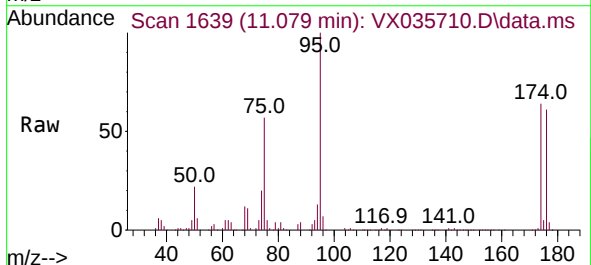
Instrument :
MSVOA_X
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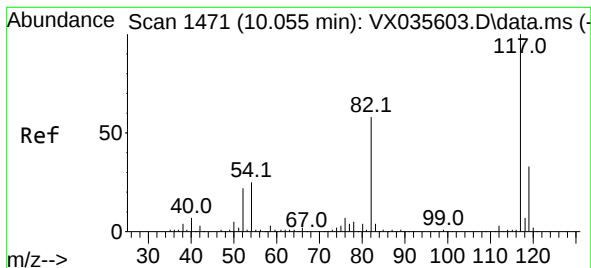
Tgt Ion: 98 Resp: 416480
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.475 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035710.D
Acq: 17 May 2023 12:05

Tgt Ion: 95 Resp: 167671
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 63.7 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035710.D

Acq: 17 May 2023 12:05

Instrument :

MSVOA_X

ClientSampleId :

IBLK

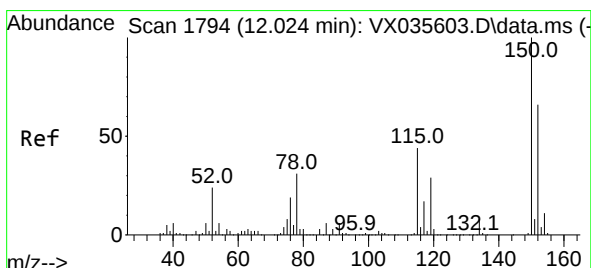
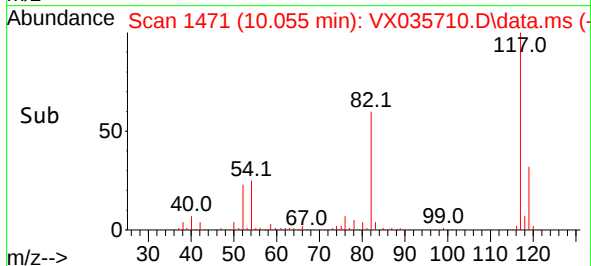
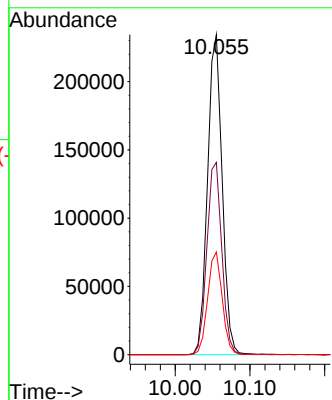
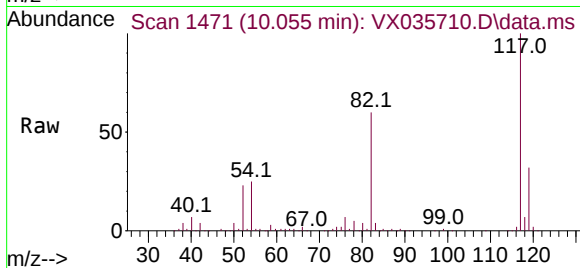
Tgt Ion:117 Resp: 318523

Ion Ratio Lower Upper

117 100

82 60.1 45.0 67.4

119 32.1 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035710.D

Acq: 17 May 2023 12:05

Tgt Ion:152 Resp: 141518

Ion Ratio Lower Upper

152 100

115 65.5 45.0 135.0

150 152.8 0.0 352.4

