

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035711.D
 Acq On : 17 May 2023 12:28
 Operator : JC/MD
 Sample : 02816-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-051623

Quant Time: May 18 04:40:27 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	185522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162274	50.139	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.280%
35) Dibromofluoromethane	5.385	113	112928	48.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.647	98	416830	48.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.880%
62) 4-Bromofluorobenzene	11.079	95	174977	50.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.000%

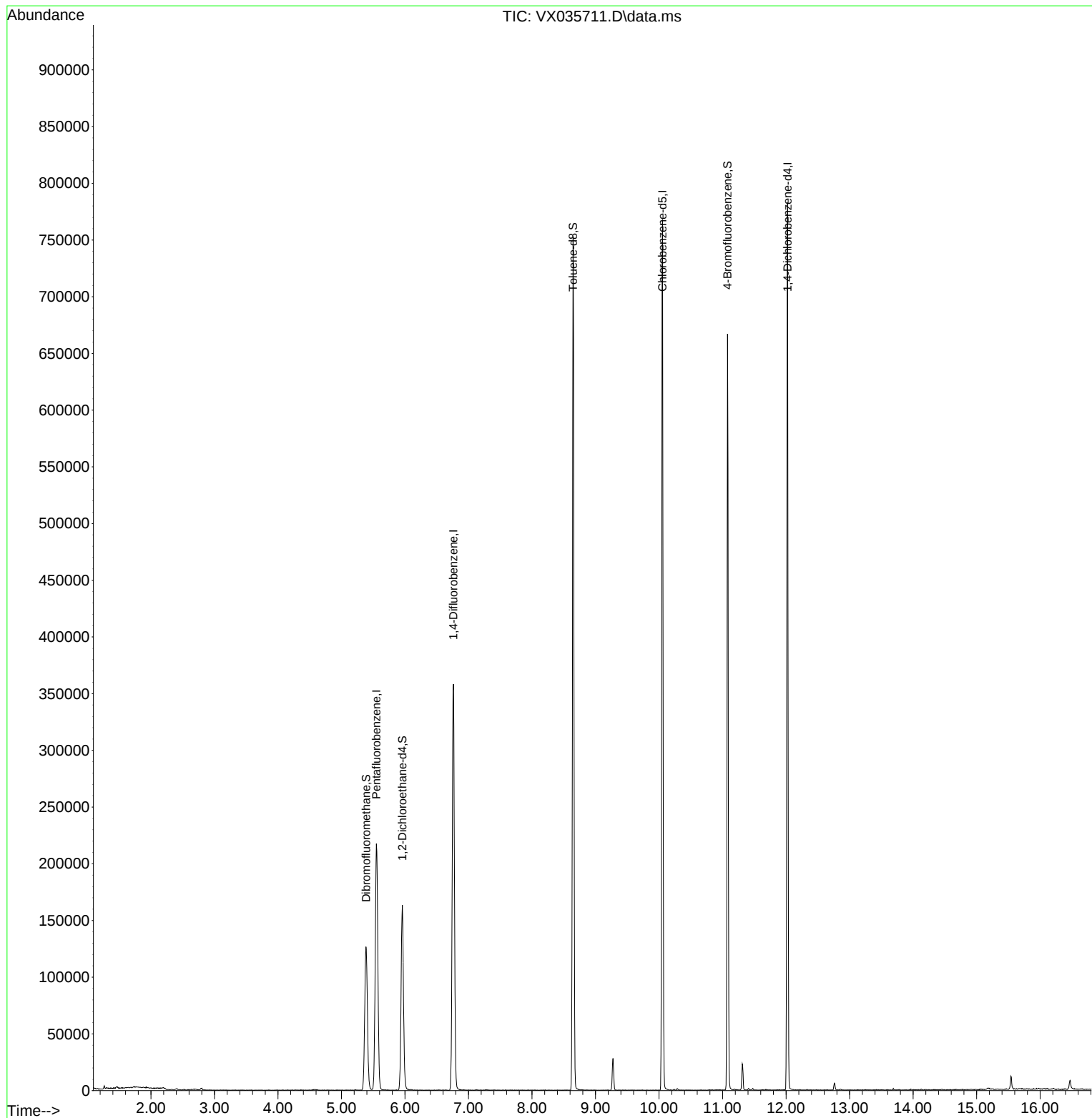
Target Compounds	Qvalue

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

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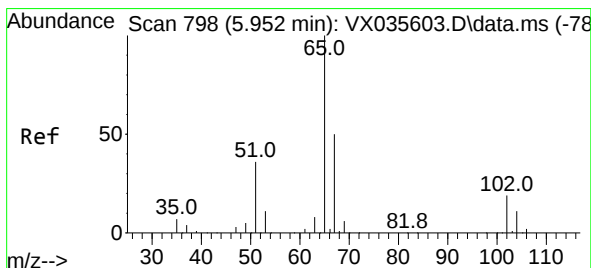
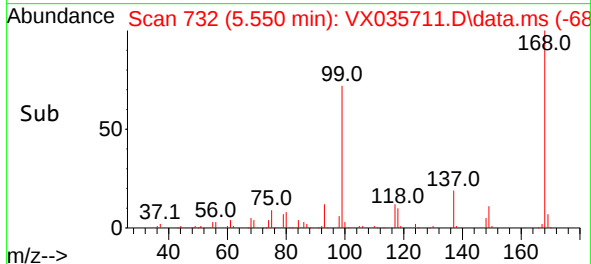
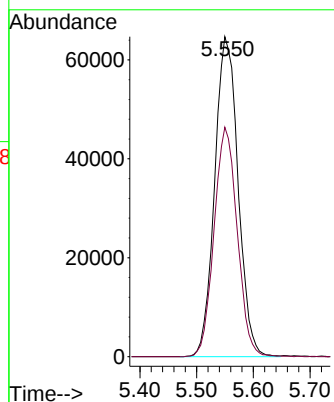
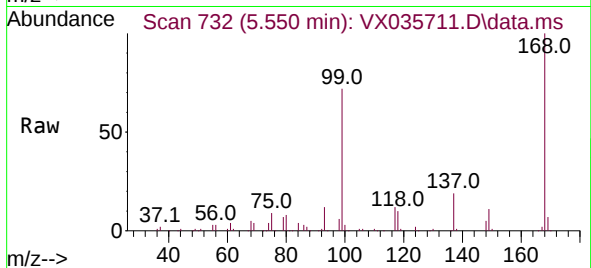




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

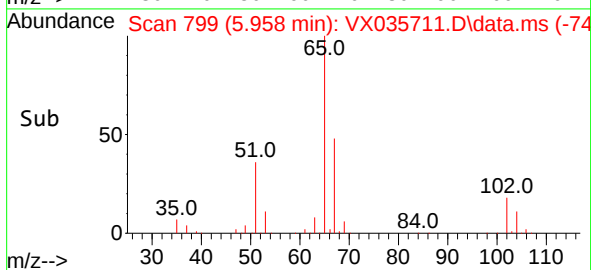
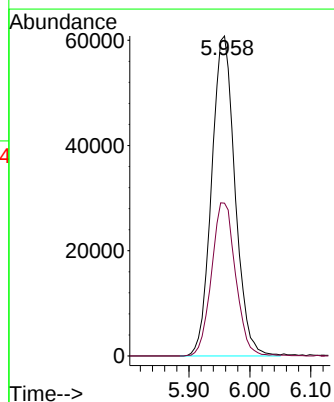
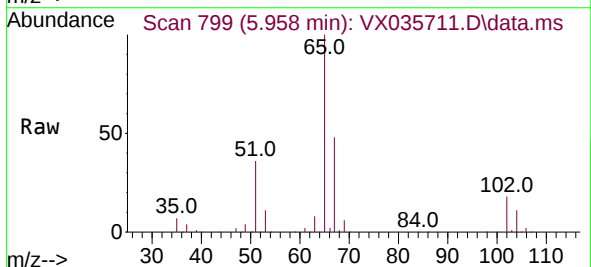
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

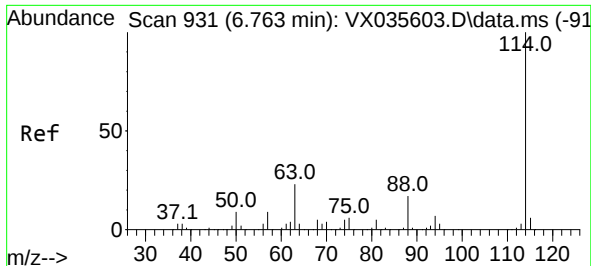
Tgt Ion:168 Resp: 185522
Ion Ratio Lower Upper
168 100
99 71.7 45.7 68.5#



#33
1,2-Dichloroethane-d4
Concen: 50.139 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 65 Resp: 162274
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.0

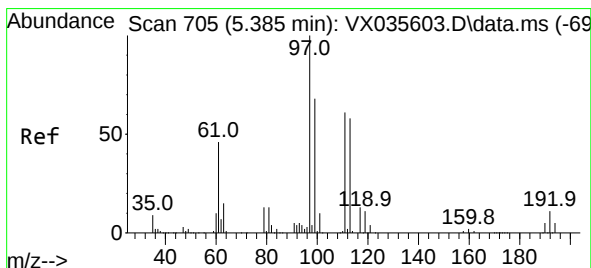
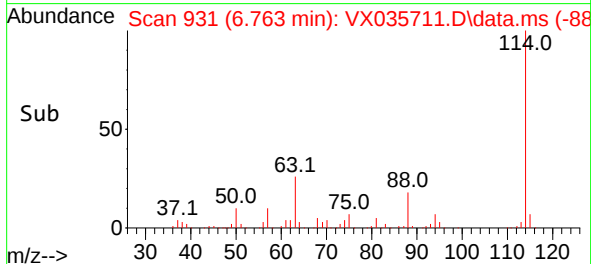
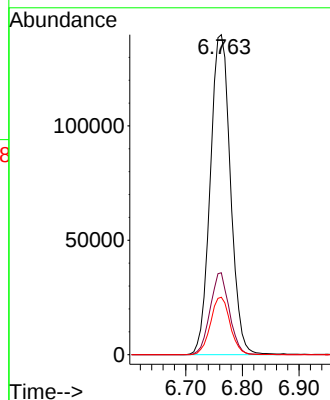
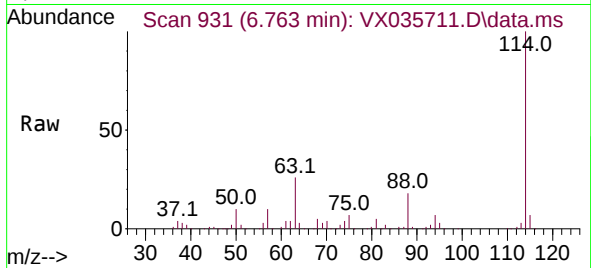




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

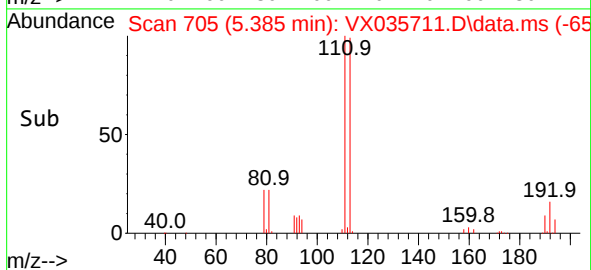
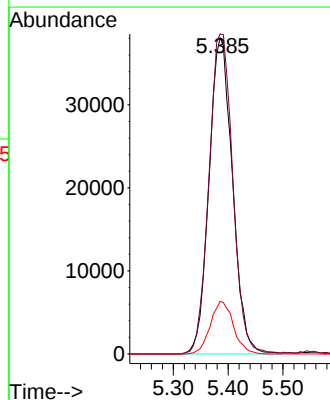
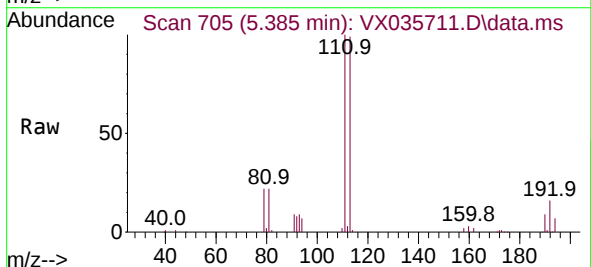
Instrument :
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ClientSampleId :
TB-01-051623

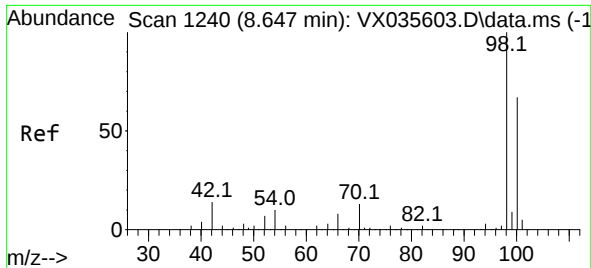
Tgt Ion:114 Resp: 345382
Ion Ratio Lower Upper
114 100
63 25.6 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.483 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion:113 Resp: 112928
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 16.4 15.4 23.2

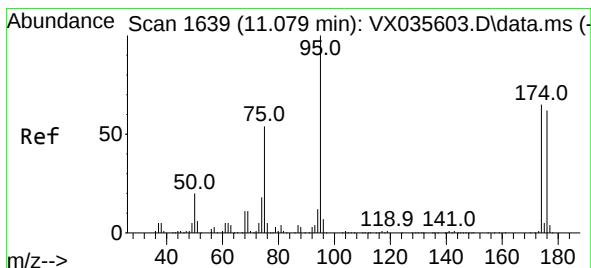
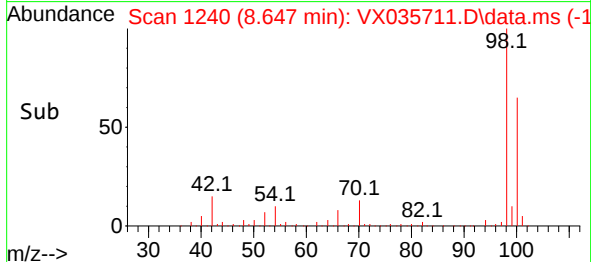
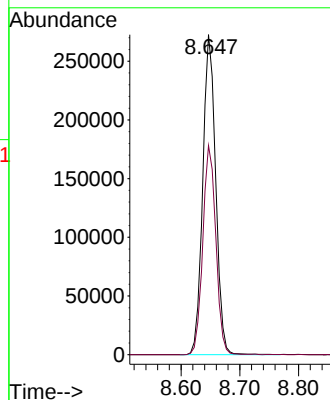
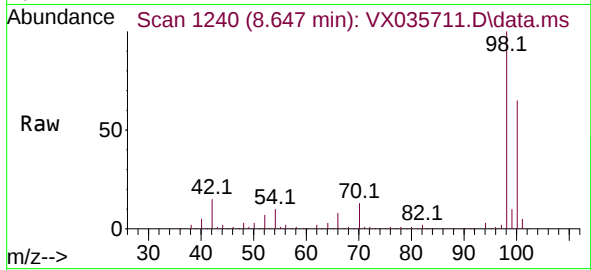




#50
Toluene-d8
Concen: 48.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

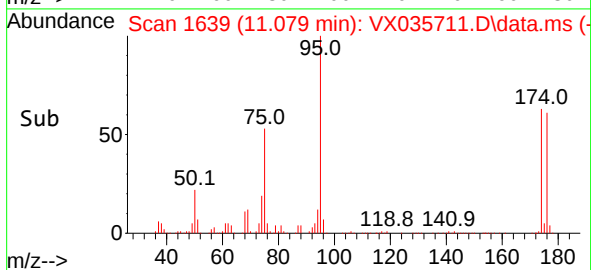
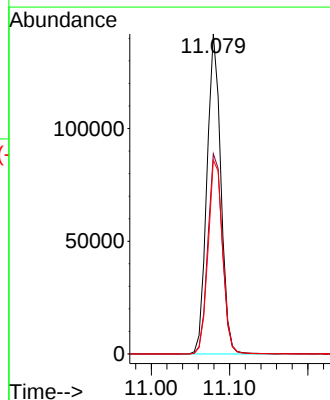
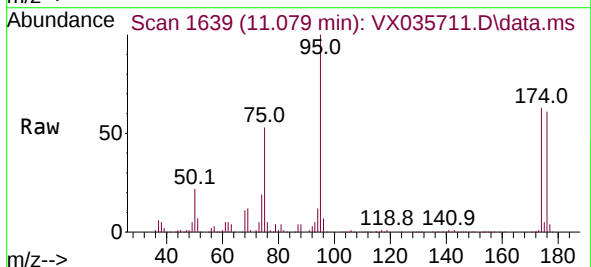
Instrument :
MSVOA_X
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TB-01-051623

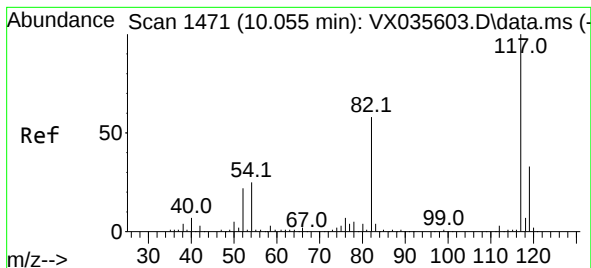
Tgt Ion: 98 Resp: 416830
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 95 Resp: 174977
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 63.0 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: VX035711.D

Acq: 17 May 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

TB-01-051623

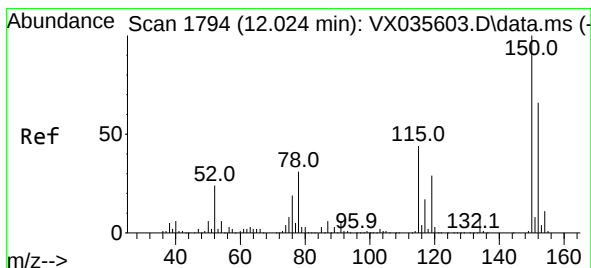
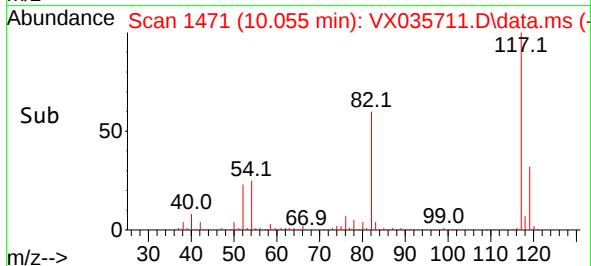
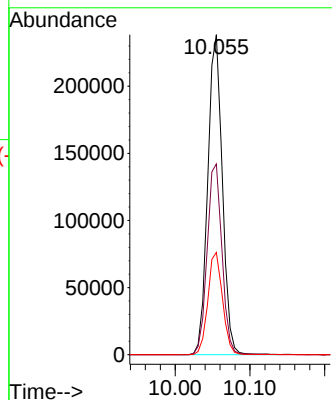
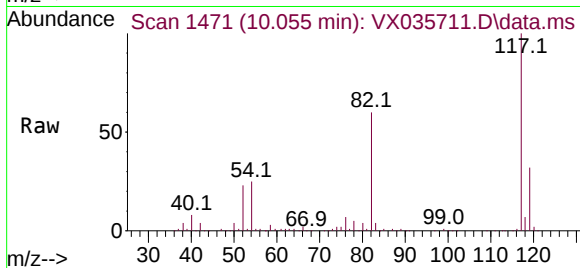
Tgt Ion:117 Resp: 322082

Ion Ratio Lower Upper

117 100

82 59.6 45.0 67.4

119 31.9 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: VX035711.D

Acq: 17 May 2023 12:28

Tgt Ion:152 Resp: 146311

Ion Ratio Lower Upper

152 100

115 66.8 45.0 135.0

150 158.7 0.0 352.4

