

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039643.D
 Acq On : 05 Jan 2024 12:56
 Operator : JC/MD
 Sample : P1041-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jan 05 22:21:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	82047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69976	46.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.120%
35) Dibromofluoromethane	5.385	113	56372	47.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.647	98	218560	49.923	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.840%
62) 4-Bromofluorobenzene	11.079	95	101143	55.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.980%

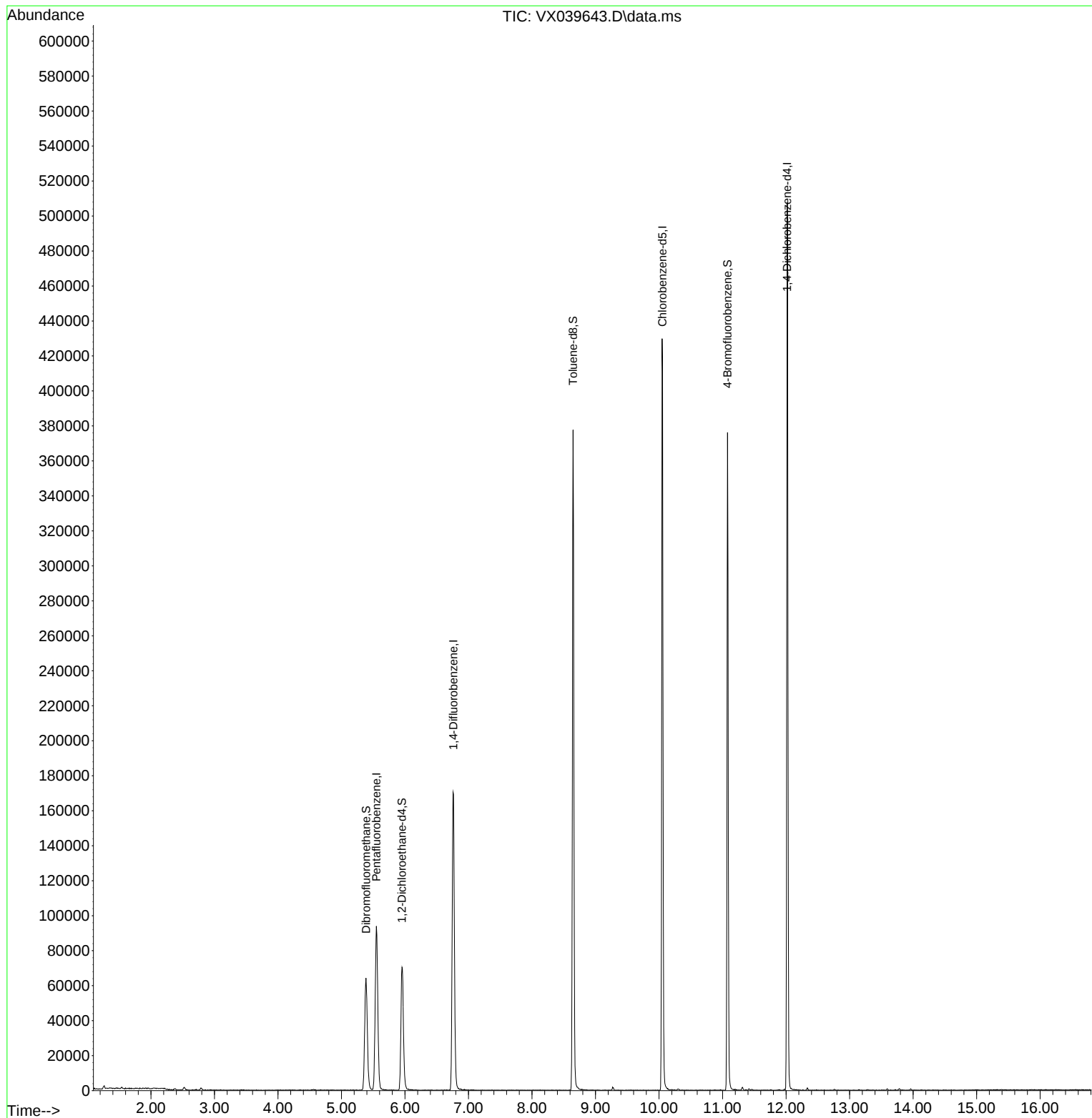
Target Compounds	Qvalue

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

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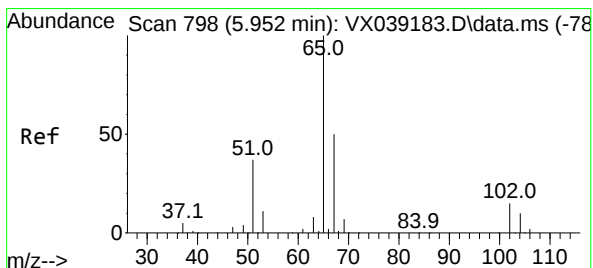
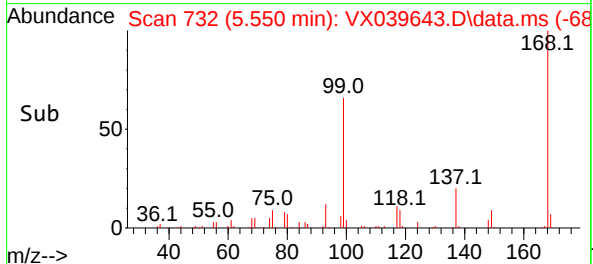
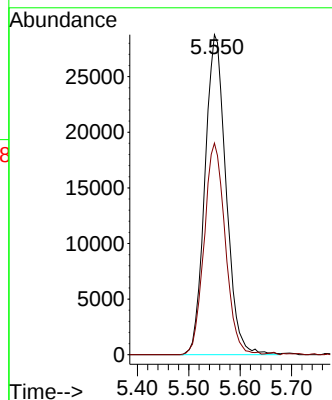
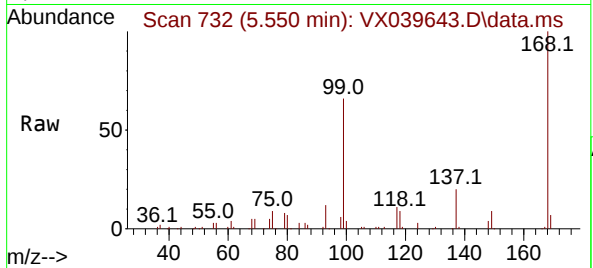




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039643.D
Acq: 05 Jan 2024 12:56

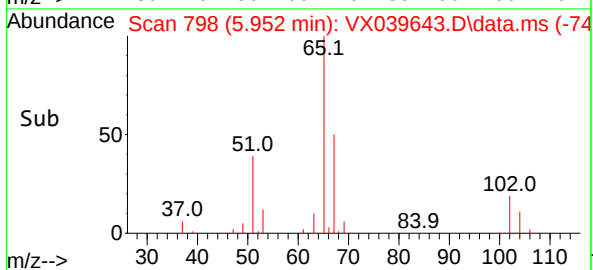
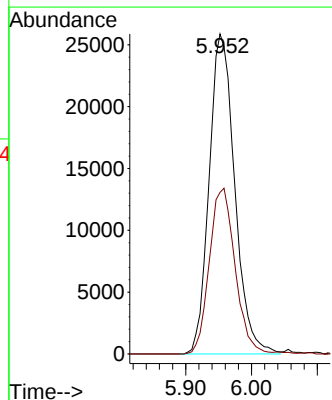
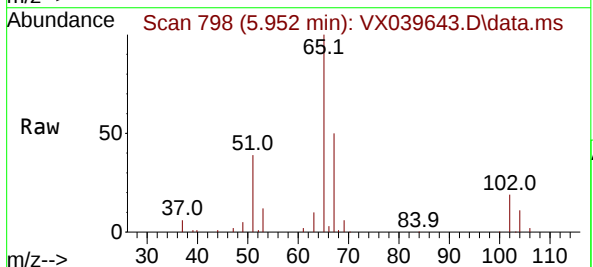
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

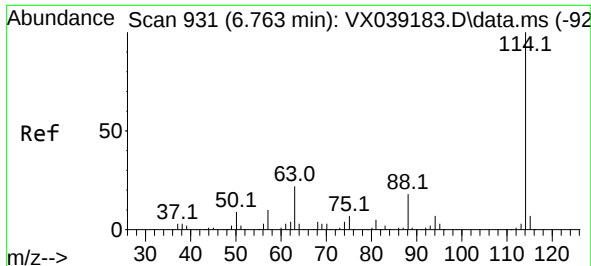
Tgt Ion:168 Resp: 82047
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.556 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039643.D
Acq: 05 Jan 2024 12:56

Tgt Ion: 65 Resp: 69976
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

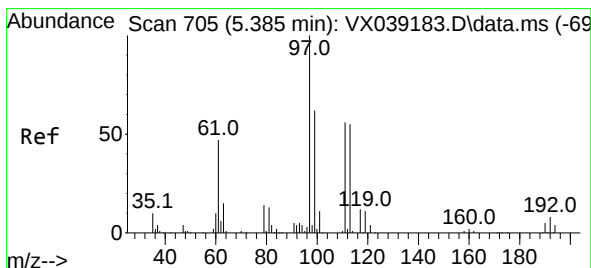
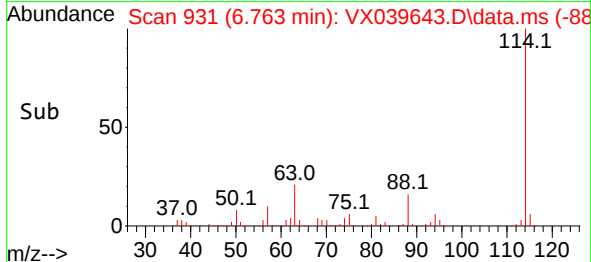
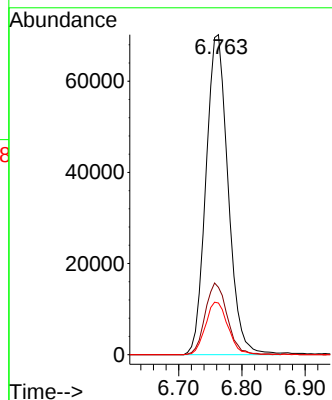
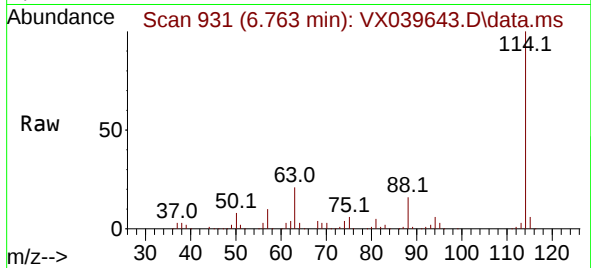




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039643.D
Acq: 05 Jan 2024 12:56

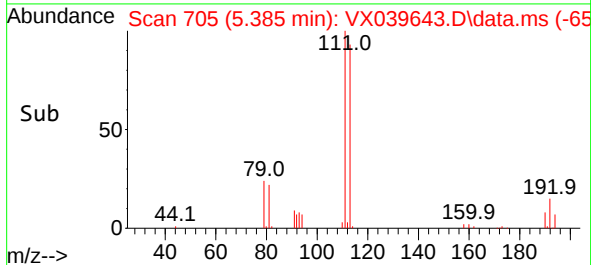
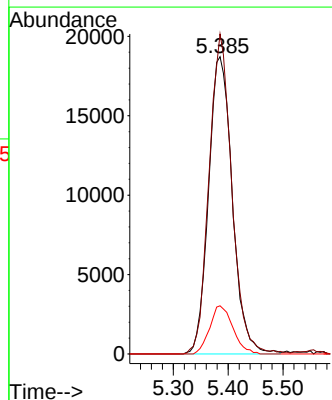
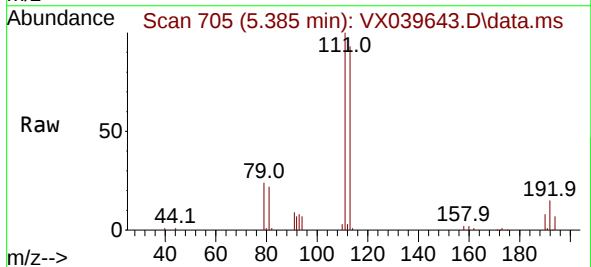
Instrument :
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ClientSampleId :
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Tgt Ion:114 Resp: 170695
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.804 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039643.D
Acq: 05 Jan 2024 12:56

Tgt Ion:113 Resp: 56372
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 15.8 13.3 19.9

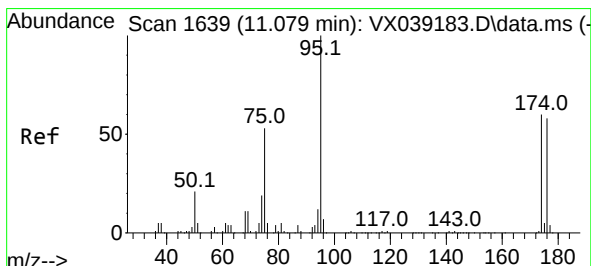
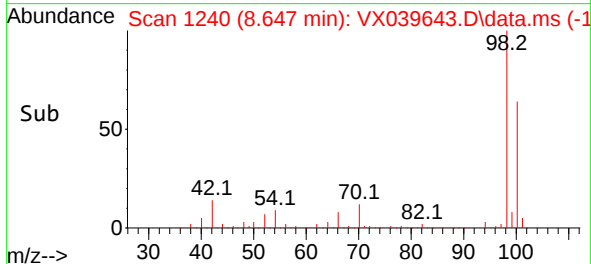
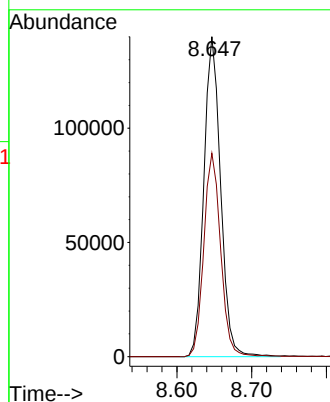
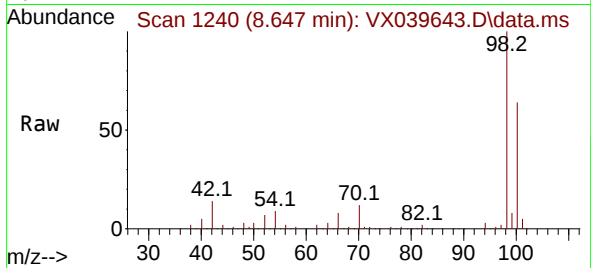




#50
Toluene-d8
Concen: 49.923 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039643.D
Acq: 05 Jan 2024 12:56

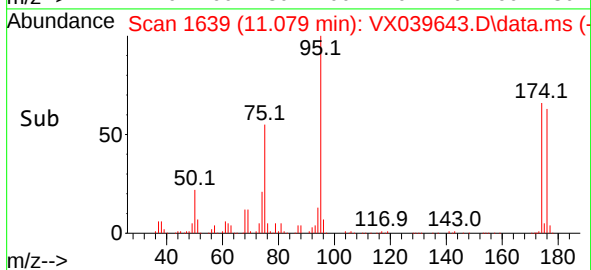
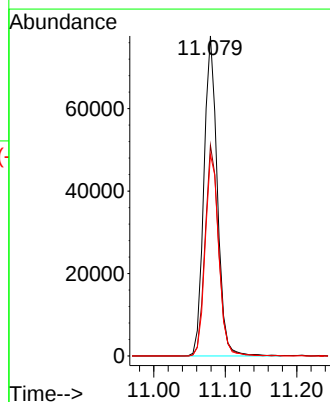
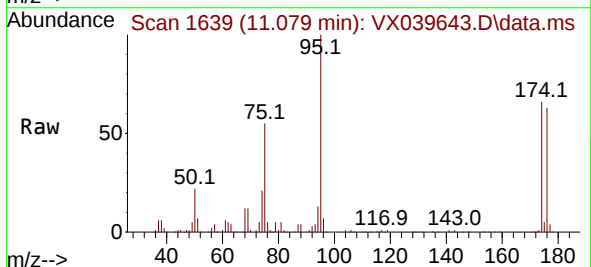
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

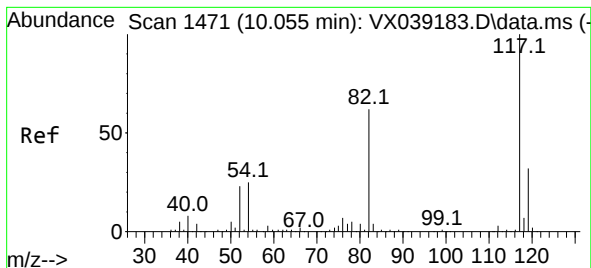
Tgt Ion: 98 Resp: 218560
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039643.D
Acq: 05 Jan 2024 12:56

Tgt Ion: 95 Resp: 101143
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 63.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039643.D

Acq: 05 Jan 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

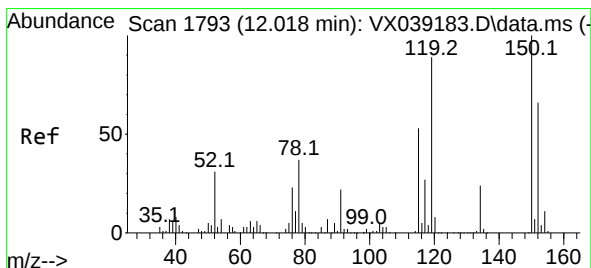
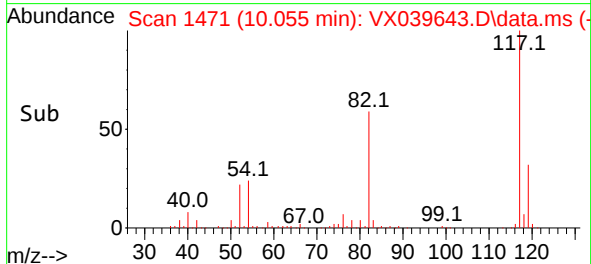
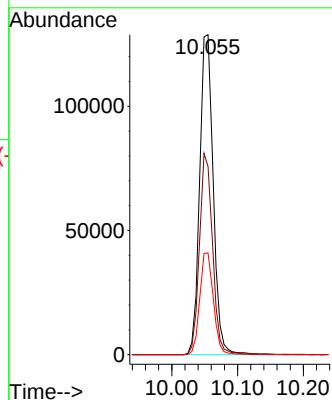
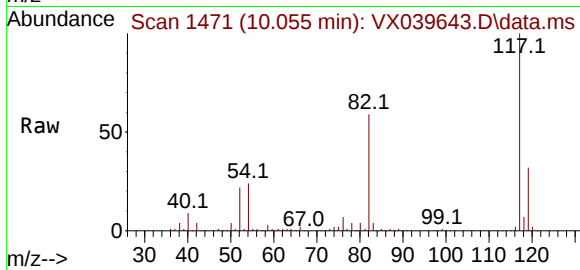
Tgt Ion:117 Resp: 185181

Ion Ratio Lower Upper

117 100

82 58.8 46.2 69.4

119 31.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039643.D

Acq: 05 Jan 2024 12:56

Tgt Ion:152 Resp: 95408

Ion Ratio Lower Upper

152 100

115 66.2 43.3 129.9

150 158.8 0.0 345.0

