

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039471.D
 Acq On : 26 Dec 2023 16:35
 Operator : JC/MD
 Sample : 06019-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 27 04:40:16 2023
 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	111034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98876	48.610	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.220%
35) Dibromofluoromethane	5.385	113	74986	46.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.647	98	298254	49.706	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.079	95	121432	49.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.100%

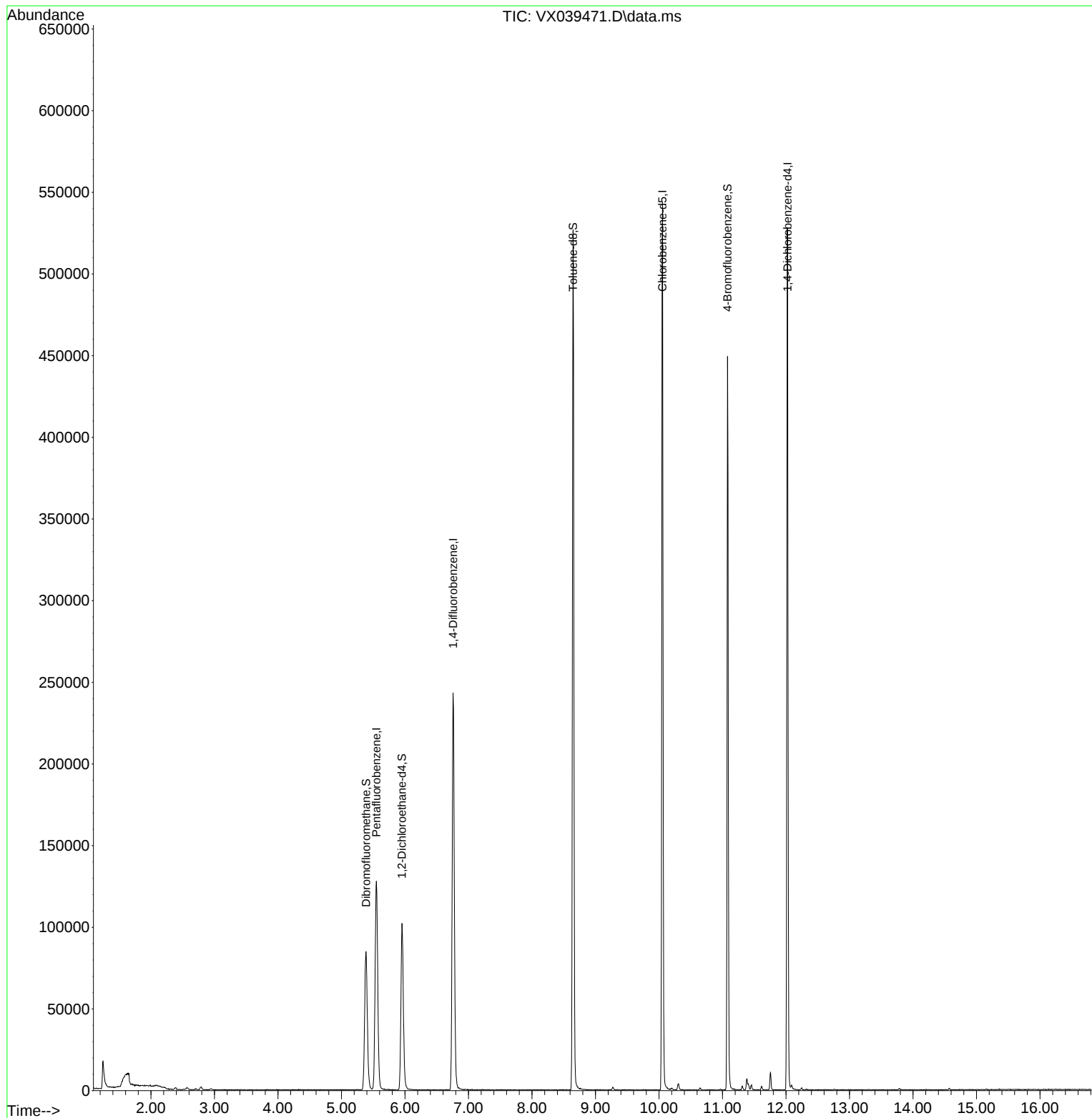
Target Compounds	Qvalue

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

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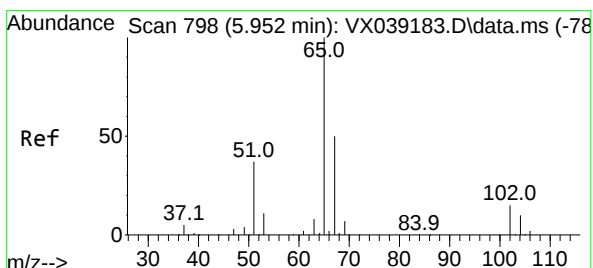
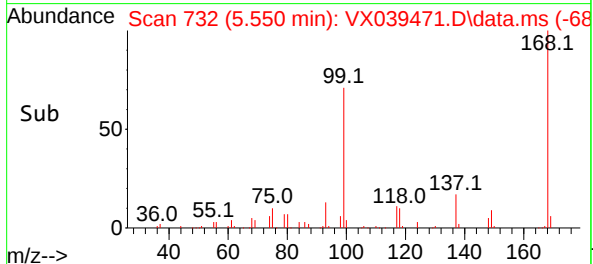
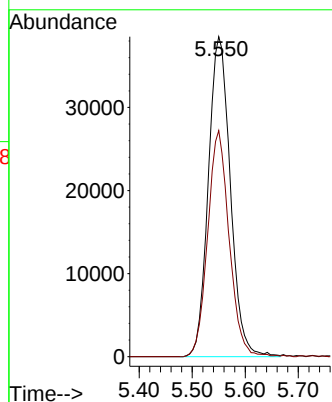
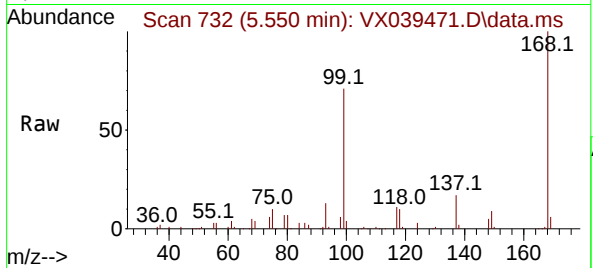




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

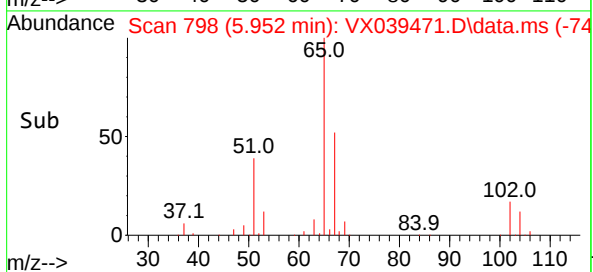
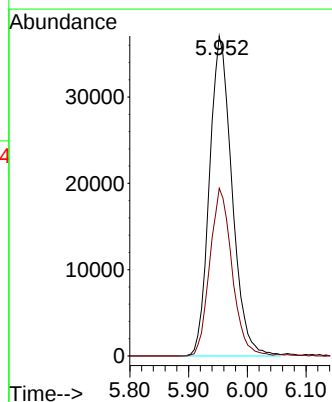
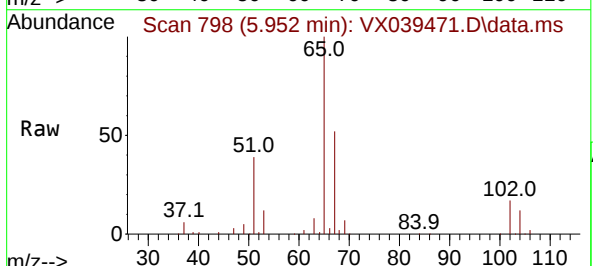
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 111034
Ion Ratio Lower Upper
168 100
99 70.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.610 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion: 65 Resp: 98876
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

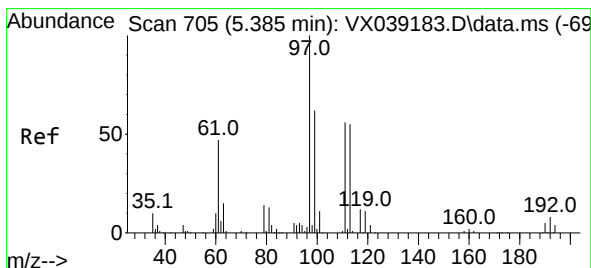
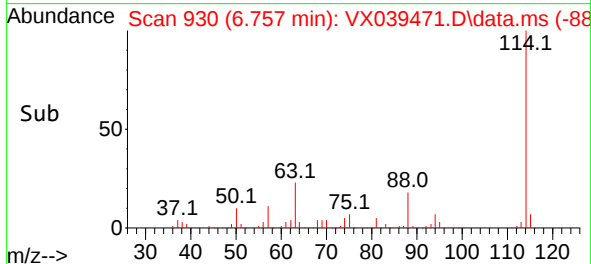
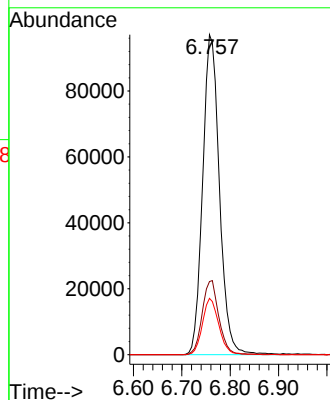
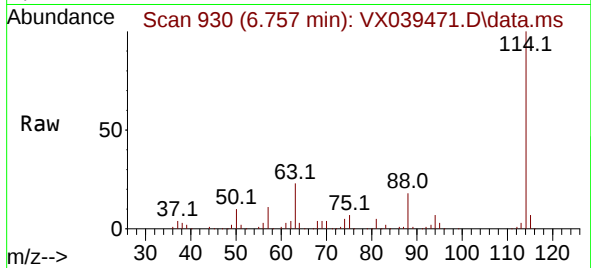




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

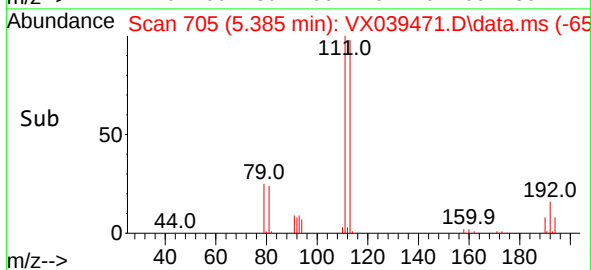
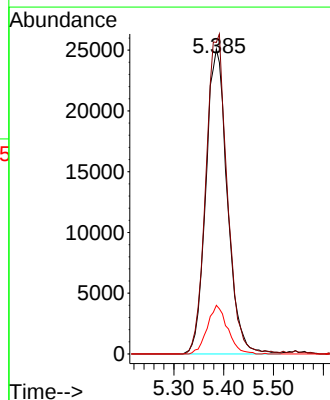
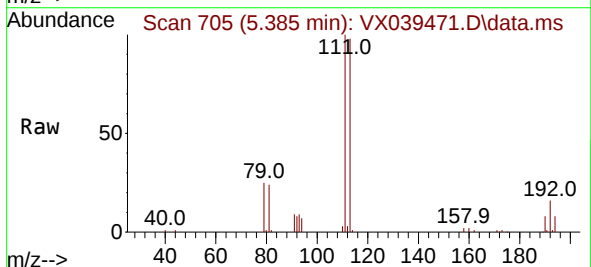
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:114 Resp: 233949
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion:113 Resp: 74986
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 15.1 13.3 19.9

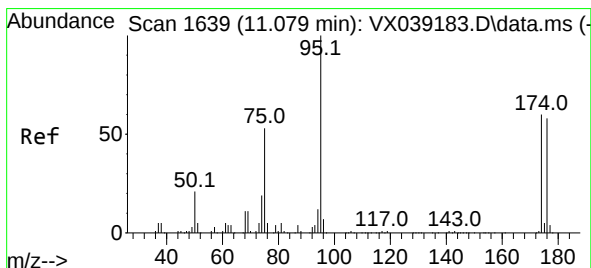
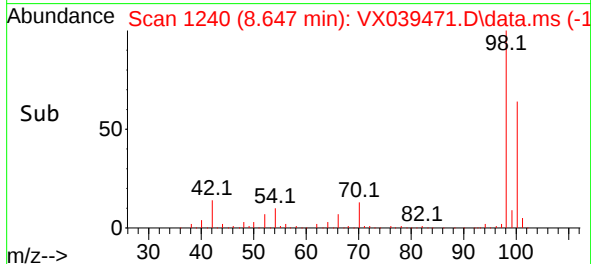
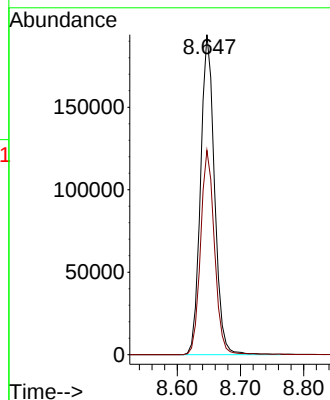
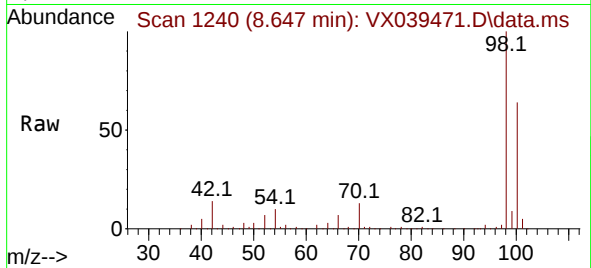




#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

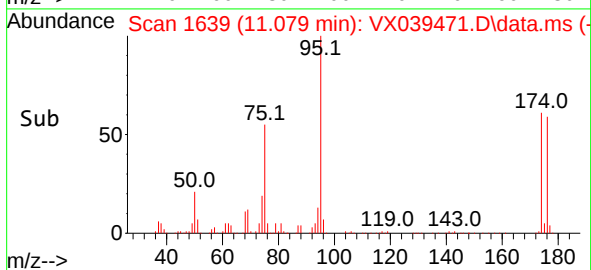
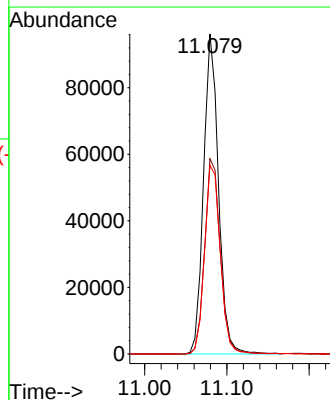
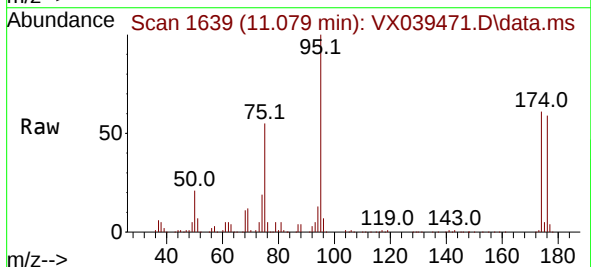
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

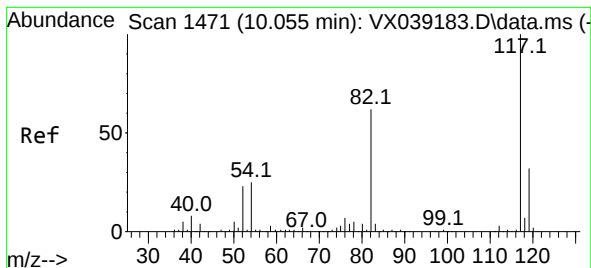
Tgt Ion: 98 Resp: 298254
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039471.D
Acq: 26 Dec 2023 16:35

Tgt Ion: 95 Resp: 121432
Ion Ratio Lower Upper
95 100
174 63.9 0.0 135.6
176 62.3 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: VX039471.D

Acq: 26 Dec 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

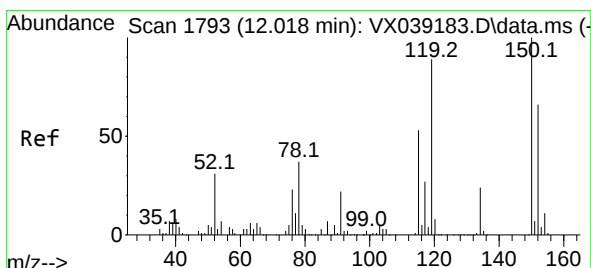
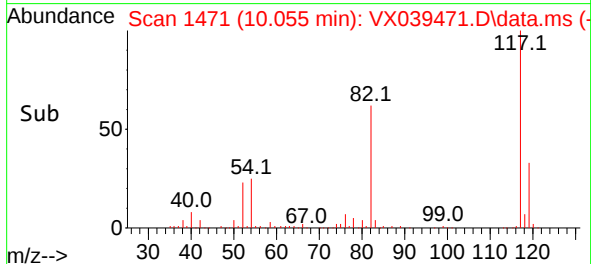
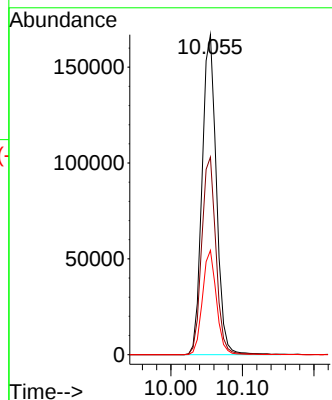
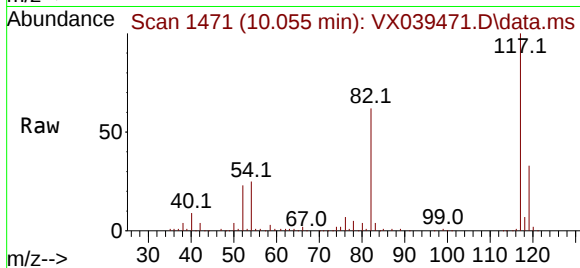
Tgt Ion:117 Resp: 231821

Ion Ratio Lower Upper

117 100

82 61.7 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039471.D

Acq: 26 Dec 2023 16:35

Tgt Ion:152 Resp: 101315

Ion Ratio Lower Upper

152 100

115 66.9 43.3 129.9

150 157.8 0.0 345.0

