

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036440.D
 Acq On : 06 Jul 2023 17:28
 Operator : JC/MD
 Sample : 03500-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jul 07 01:50:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

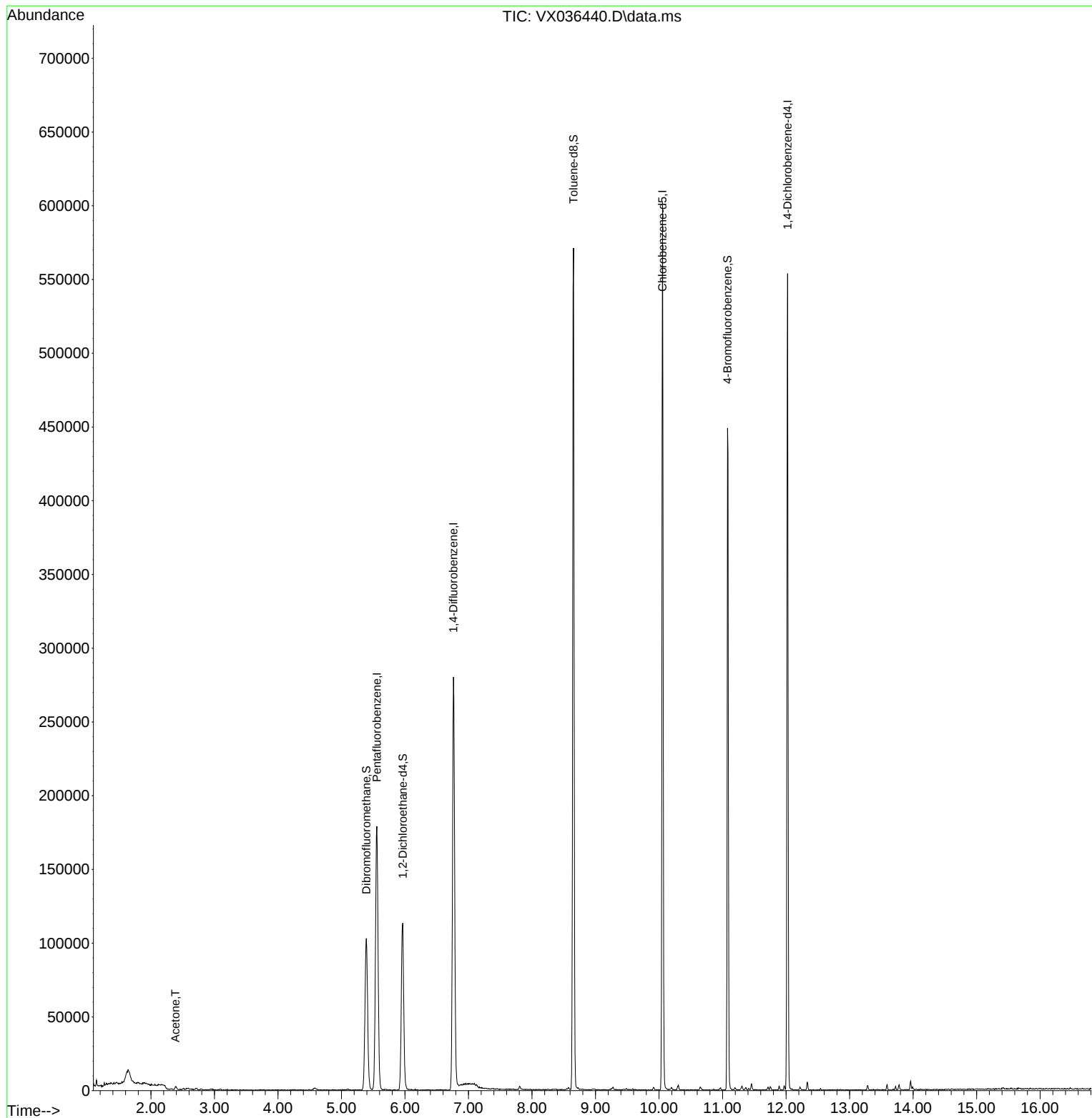
Internal Standards						
1) Pentafluorobenzene	5.555	168	170105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	285743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109315	44.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.660%
35) Dibromofluoromethane	5.391	113	89242	47.366	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.652	98	342688	48.697	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	119254	48.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.220%
Target Compounds						
16) Acetone	2.385	43	2567	2.463	ug/l	Qvalue 90

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

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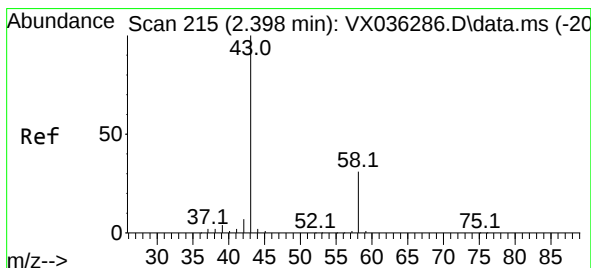
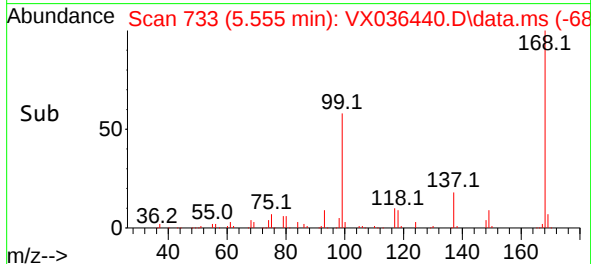
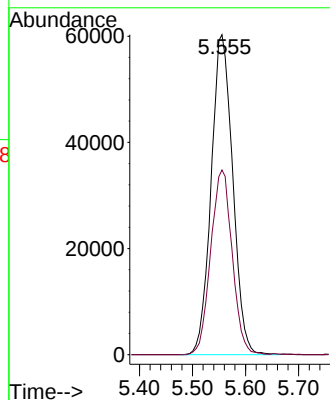
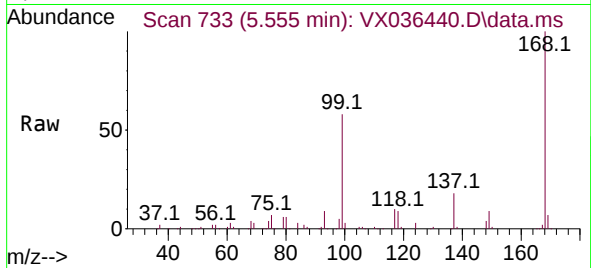




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036440.D
Acq: 06 Jul 2023 17:28

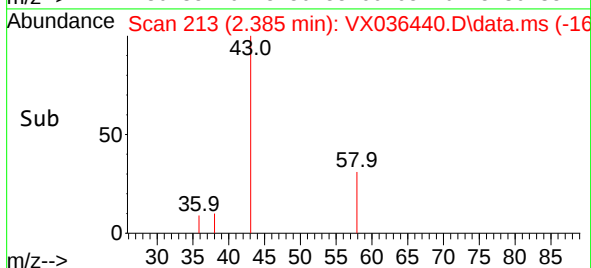
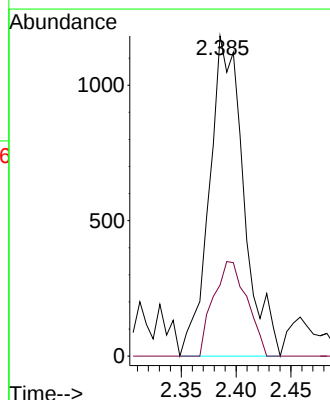
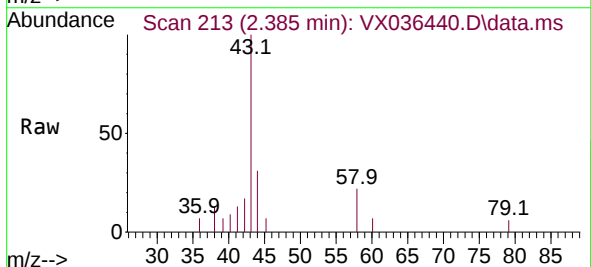
Instrument :
MSVOA_X
ClientSampleId :
MW-3

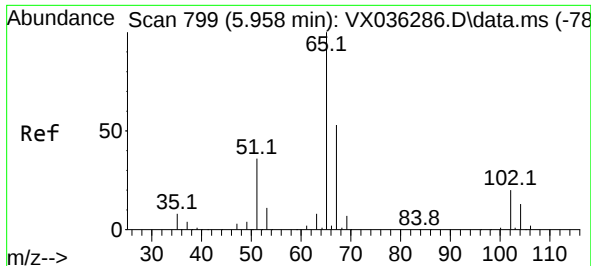
Tgt Ion:168 Resp: 170105
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#16
Acetone
Concen: 2.463 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.019 min
Lab File: VX036440.D
Acq: 06 Jul 2023 17:28

Tgt Ion: 43 Resp: 2567
Ion Ratio Lower Upper
43 100
58 22.2 21.9 32.9

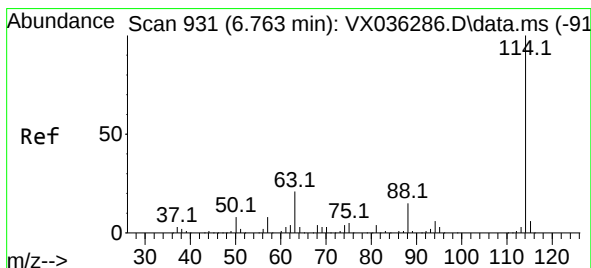
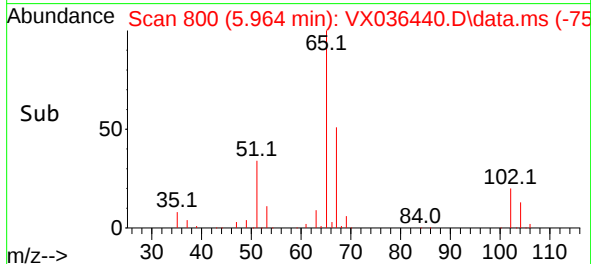
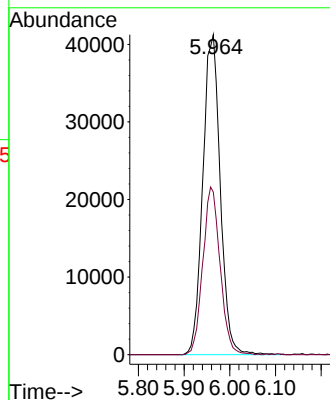
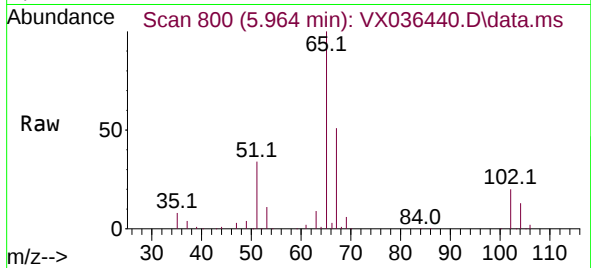




#33
 1,2-Dichloroethane-d4
 Concen: 44.832 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX036440.D
 Acq: 06 Jul 2023 17:28

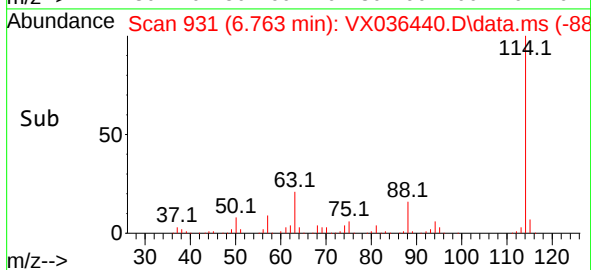
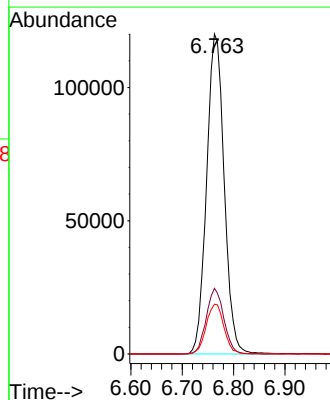
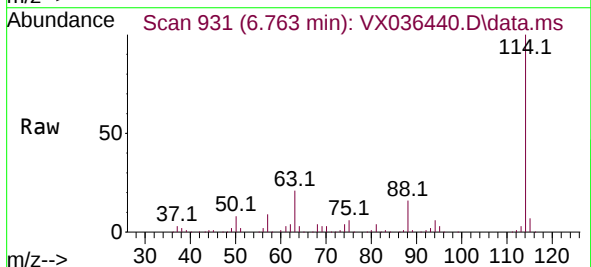
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

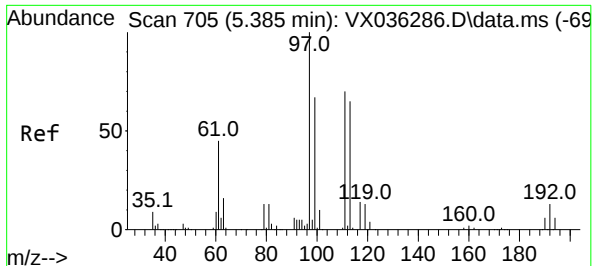
Tgt Ion: 65 Resp: 109315
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036440.D
 Acq: 06 Jul 2023 17:28

Tgt Ion: 114 Resp: 285743
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.0
 88 15.6 0.0 36.6

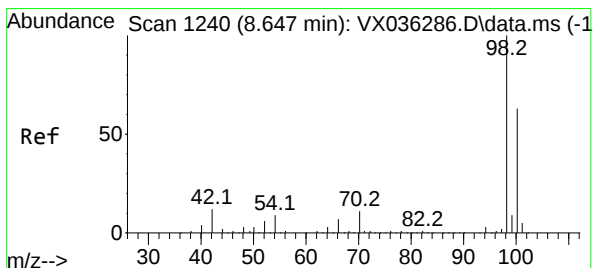
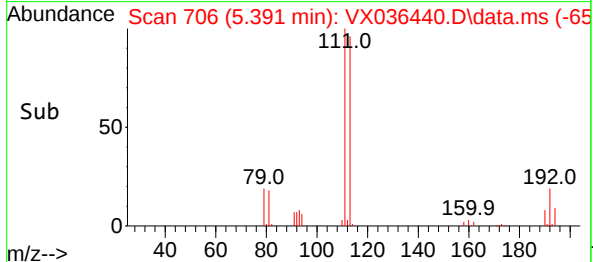
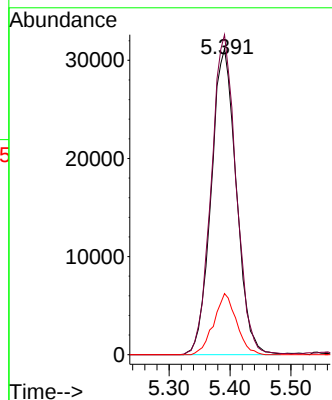
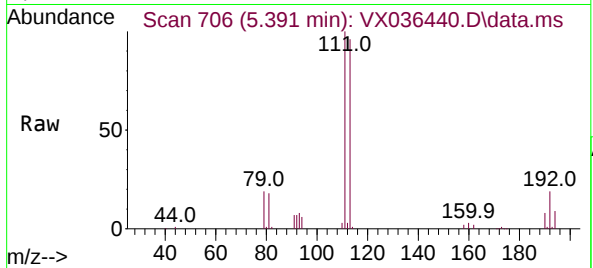




#35
Dibromofluoromethane
Concen: 47.366 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036440.D
Acq: 06 Jul 2023 17:28

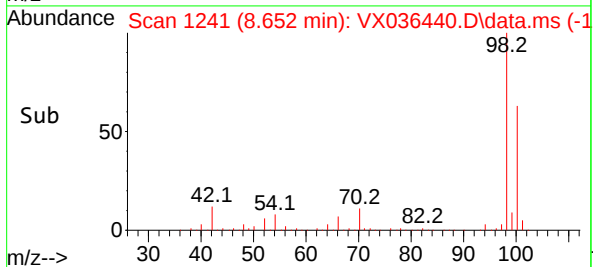
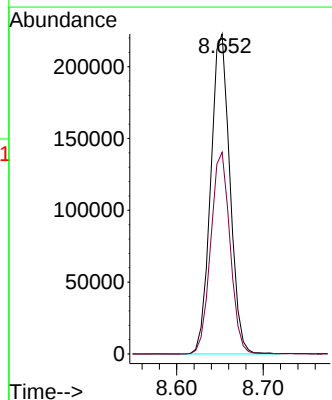
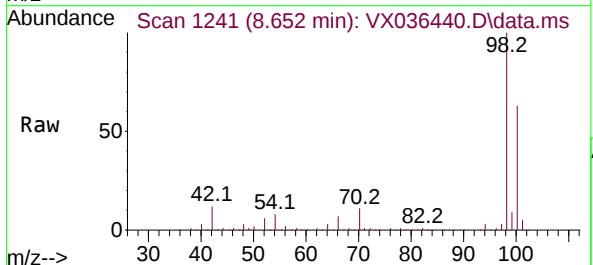
Instrument :
MSVOA_X
ClientSampleId :
MW-3

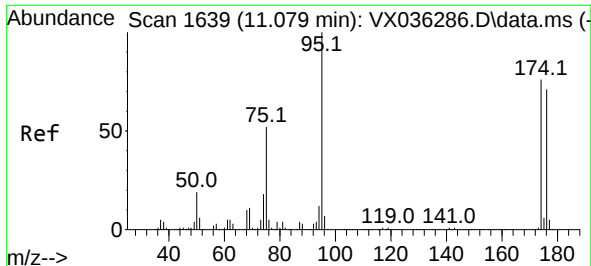
Tgt Ion:113 Resp: 89242
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.1 13.3 19.9



#50
Toluene-d8
Concen: 48.697 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036440.D
Acq: 06 Jul 2023 17:28

Tgt Ion: 98 Resp: 342688
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.111 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036440.D

Acq: 06 Jul 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3

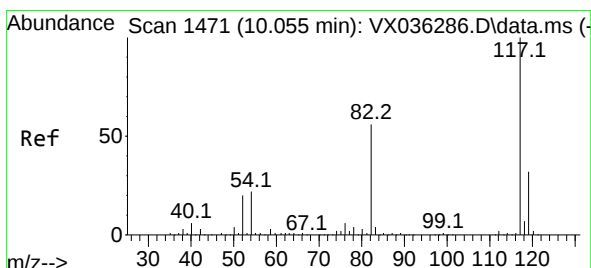
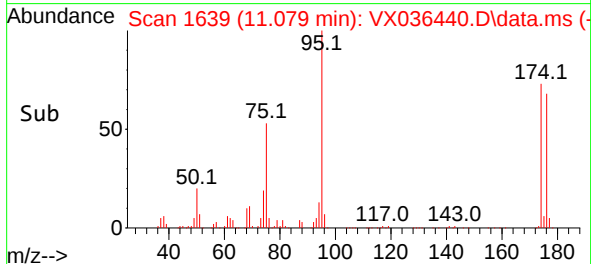
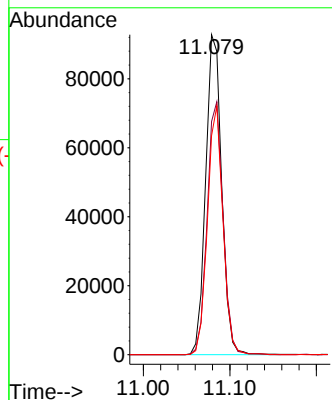
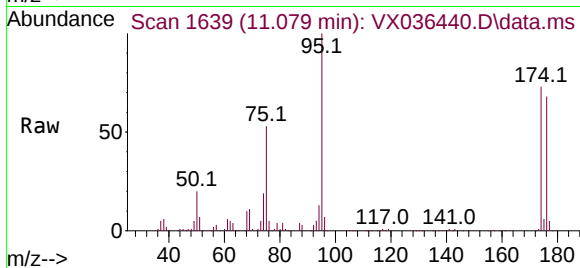
Tgt Ion: 95 Resp: 119254

Ion Ratio Lower Upper

95 100

174 78.7 0.0 135.6

176 75.1 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: VX036440.D

Acq: 06 Jul 2023 17:28

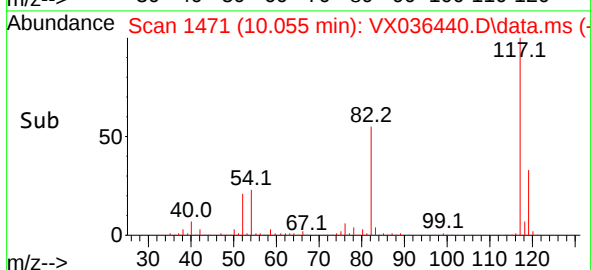
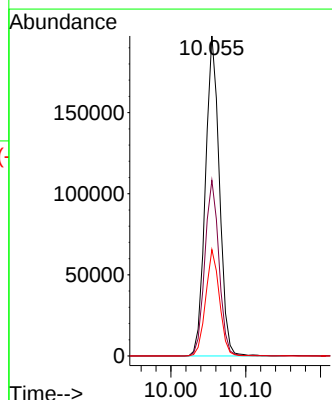
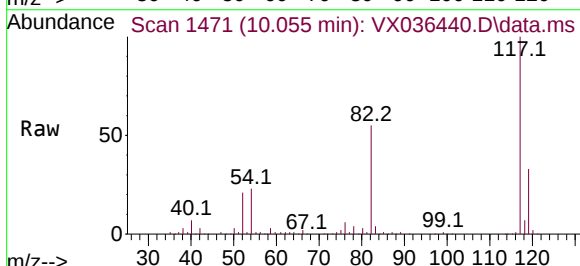
Tgt Ion: 117 Resp: 255852

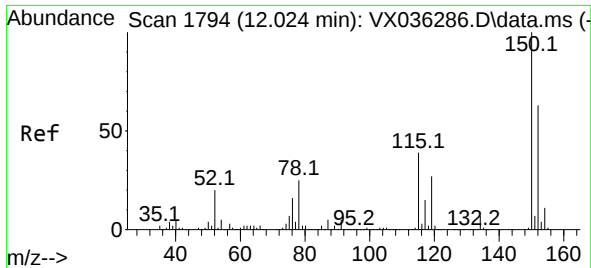
Ion Ratio Lower Upper

117 100

82 54.9 46.2 69.4

119 33.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036440.D

Acq: 06 Jul 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion:152 Resp: 111095

Ion Ratio Lower Upper

152 100

115 59.0 43.3 129.9

150 158.7 0.0 345.0

