

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039217.D
 Acq On : 14 Dec 2023 18:37
 Operator : JC/MD
 Sample : 05829-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Dec 15 03:05:22 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)

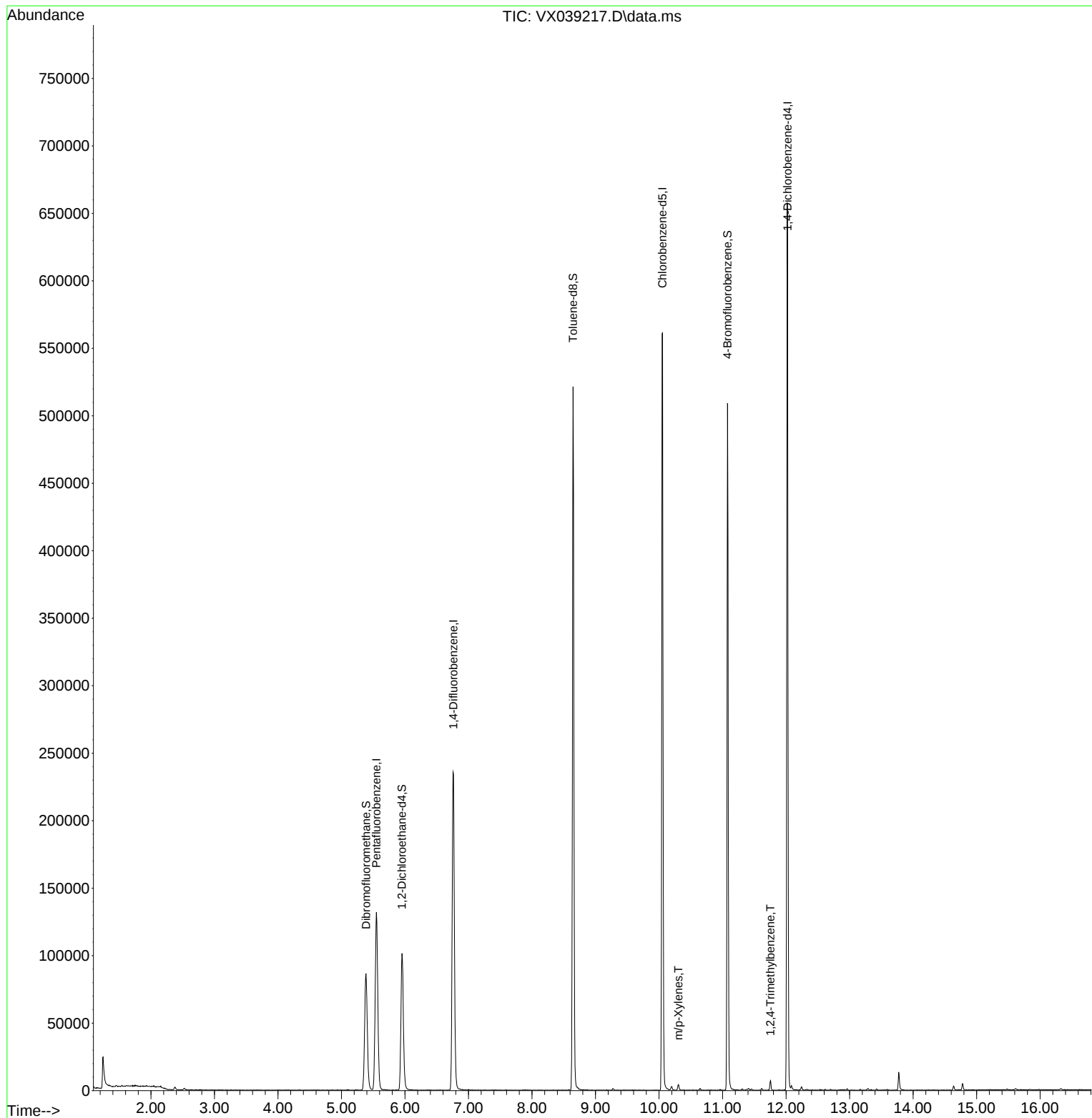
Internal Standards						
1) Pentafluorobenzene	5.550	168	111517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100296	49.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.180%
35) Dibromofluoromethane	5.385	113	75709	47.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.647	98	294603	49.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	137627	55.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.960%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.305	106	1038	0.293	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	3290	0.393	ug/l	96

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

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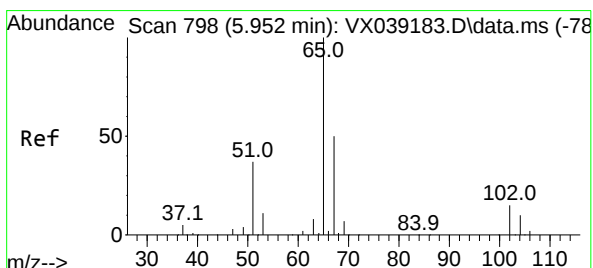
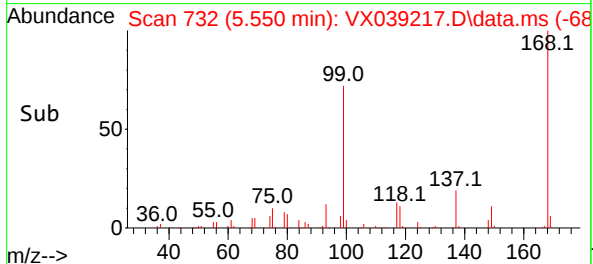
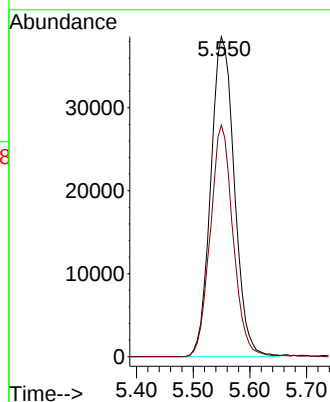
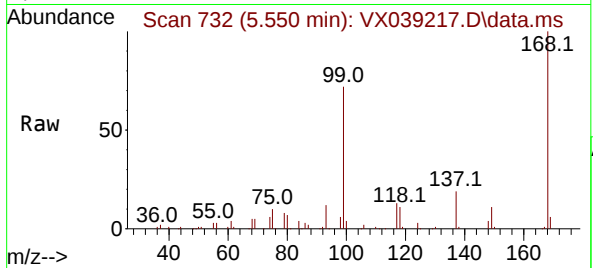




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

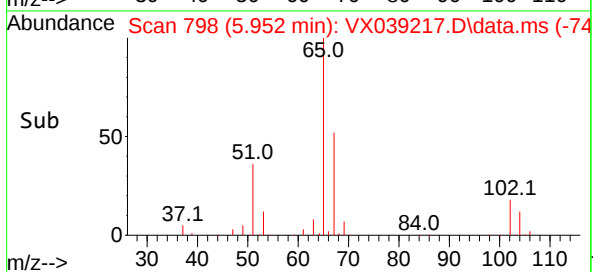
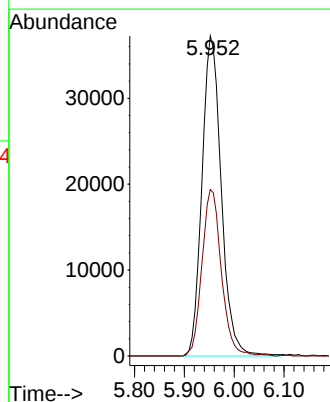
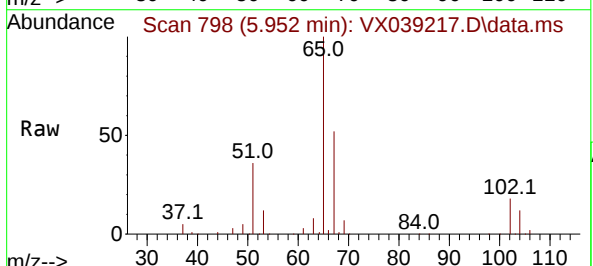
Instrument :
MSVOA_X
ClientSampleId :
MW-8

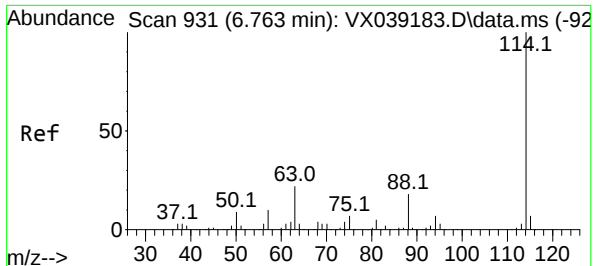
Tgt Ion:168 Resp: 111517
Ion Ratio Lower Upper
168 100
99 72.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.095 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Tgt Ion: 65 Resp: 100296
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

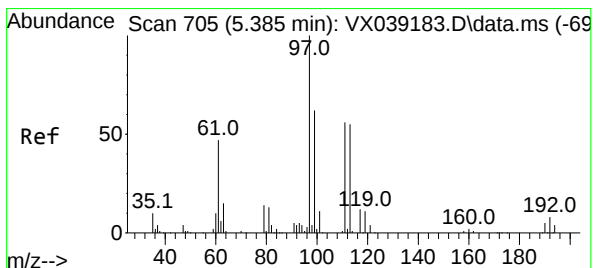
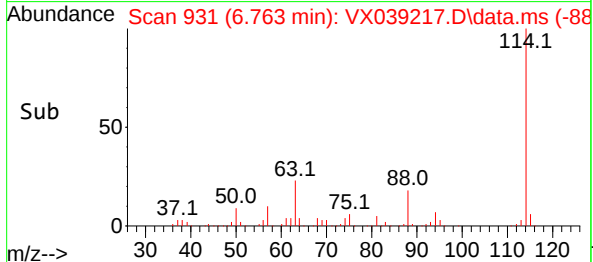
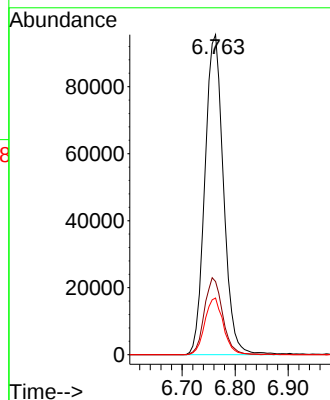
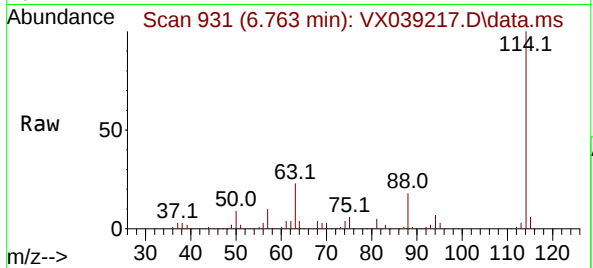




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

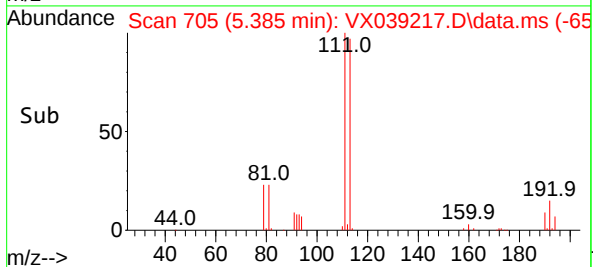
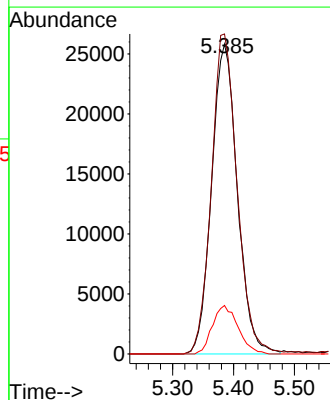
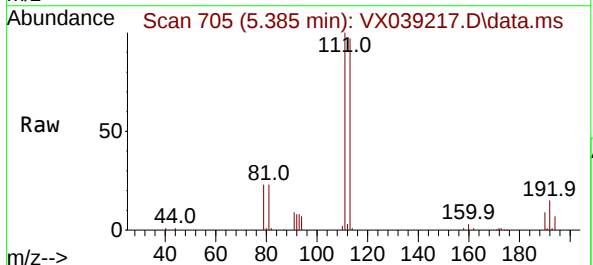
Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:114 Resp: 232327
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.170 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Tgt Ion:113 Resp: 75709
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 15.6 13.3 19.9

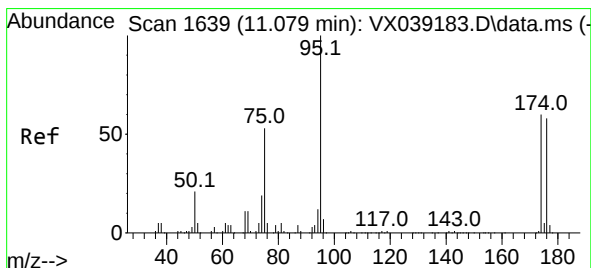
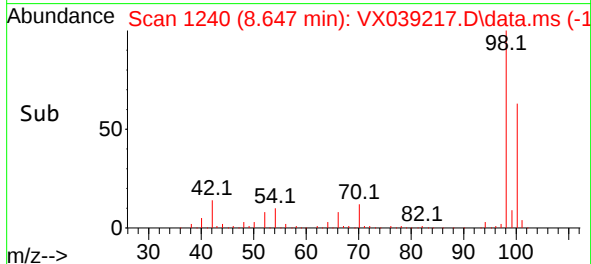
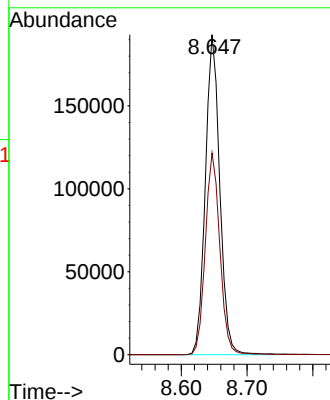
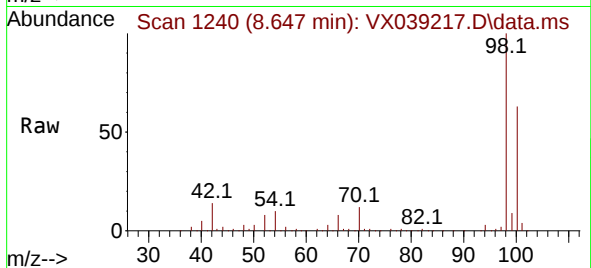




#50
Toluene-d8
Concen: 49.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

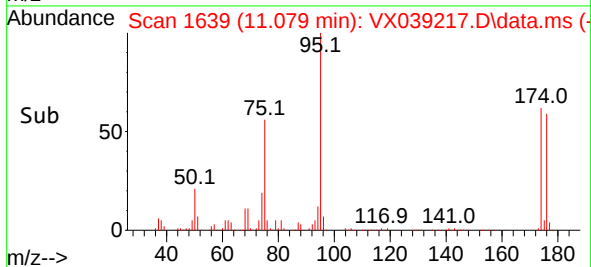
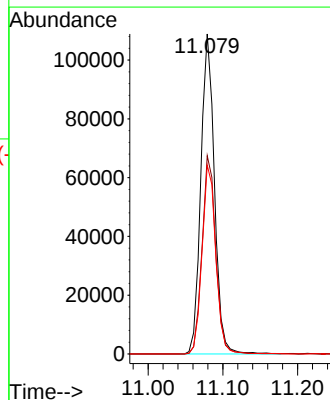
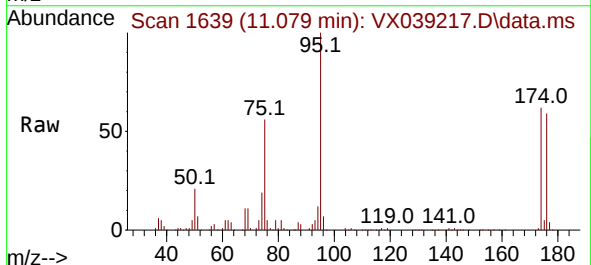
Instrument :
MSVOA_X
ClientSampleId :
MW-8

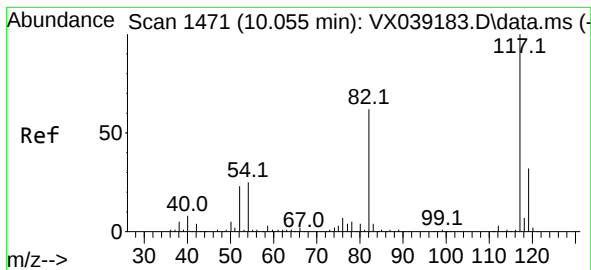
Tgt Ion: 98 Resp: 294603
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 55.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039217.D
Acq: 14 Dec 2023 18:37

Tgt Ion: 95 Resp: 137627
Ion Ratio Lower Upper
95 100
174 62.4 0.0 135.6
176 59.8 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: VX039217.D

Acq: 14 Dec 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

MW-8

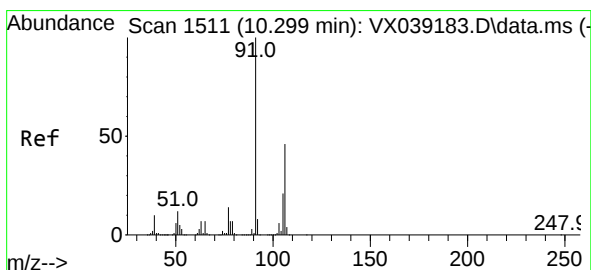
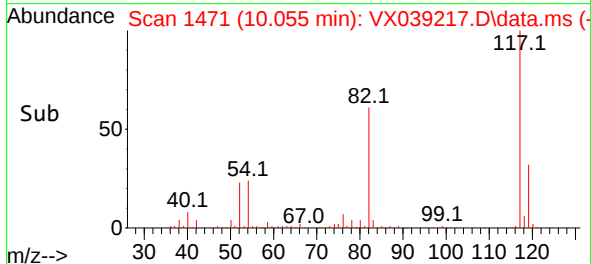
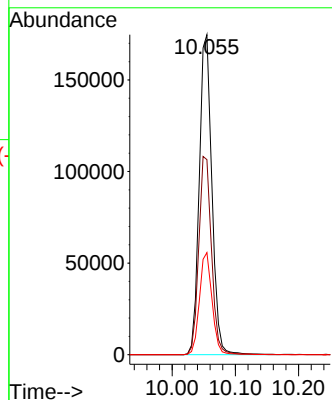
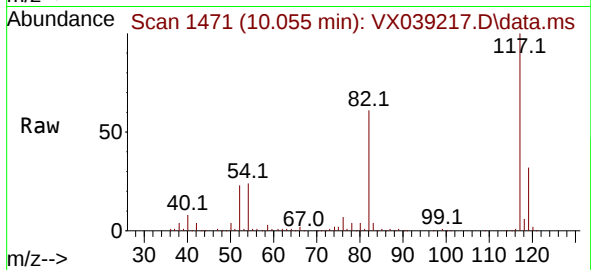
Tgt Ion:117 Resp: 243118

Ion Ratio Lower Upper

117 100

82 61.0 46.2 69.4

119 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 0.293 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX039217.D

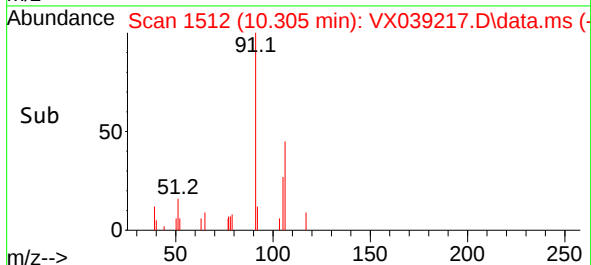
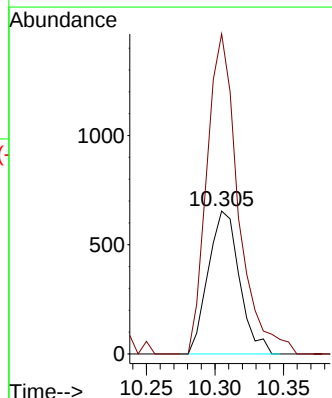
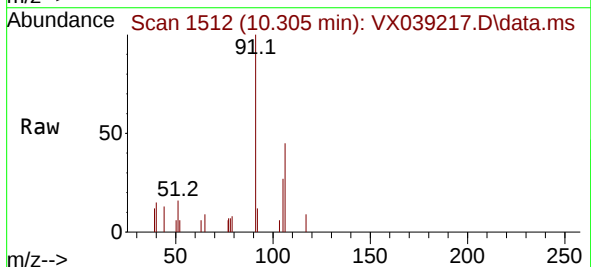
Acq: 14 Dec 2023 18:37

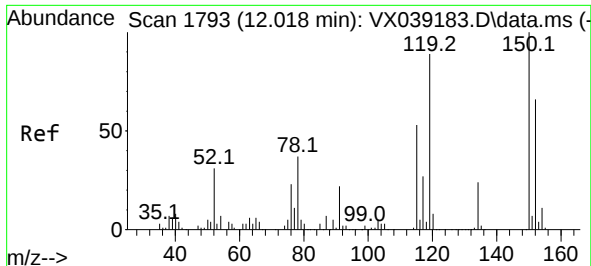
Tgt Ion:106 Resp: 1038

Ion Ratio Lower Upper

106 100

91 224.9 165.5 248.3

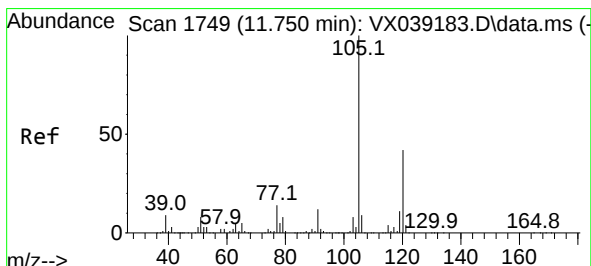
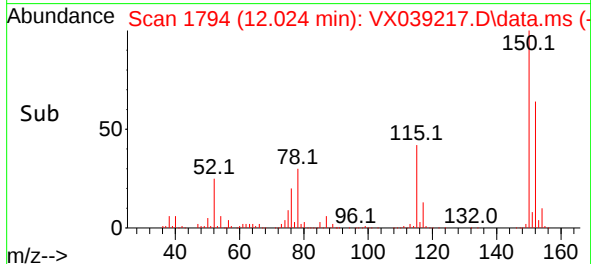
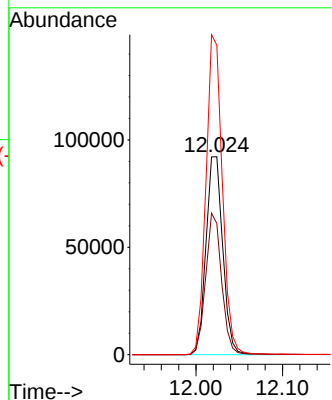
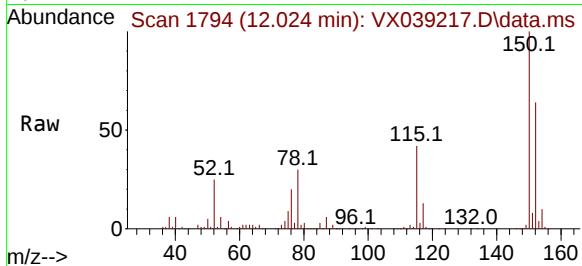




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039217.D
 Acq: 14 Dec 2023 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Tgt Ion:152 Resp: 124222
 Ion Ratio Lower Upper
 152 100
 115 67.7 43.3 129.9
 150 157.6 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.393 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX039217.D
 Acq: 14 Dec 2023 18:37

Tgt Ion:105 Resp: 3290
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.2 63.6

