

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036391.D
 Acq On : 30 Jun 2023 13:50
 Operator : JC/MD
 Sample : 03494-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 01 01:22:03 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	5.556	168	179166	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	298894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113174	44.067	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.140%
35) Dibromofluoromethane	5.385	113	91729	46.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.647	98	355859	48.344	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.079	95	123020	47.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.900%

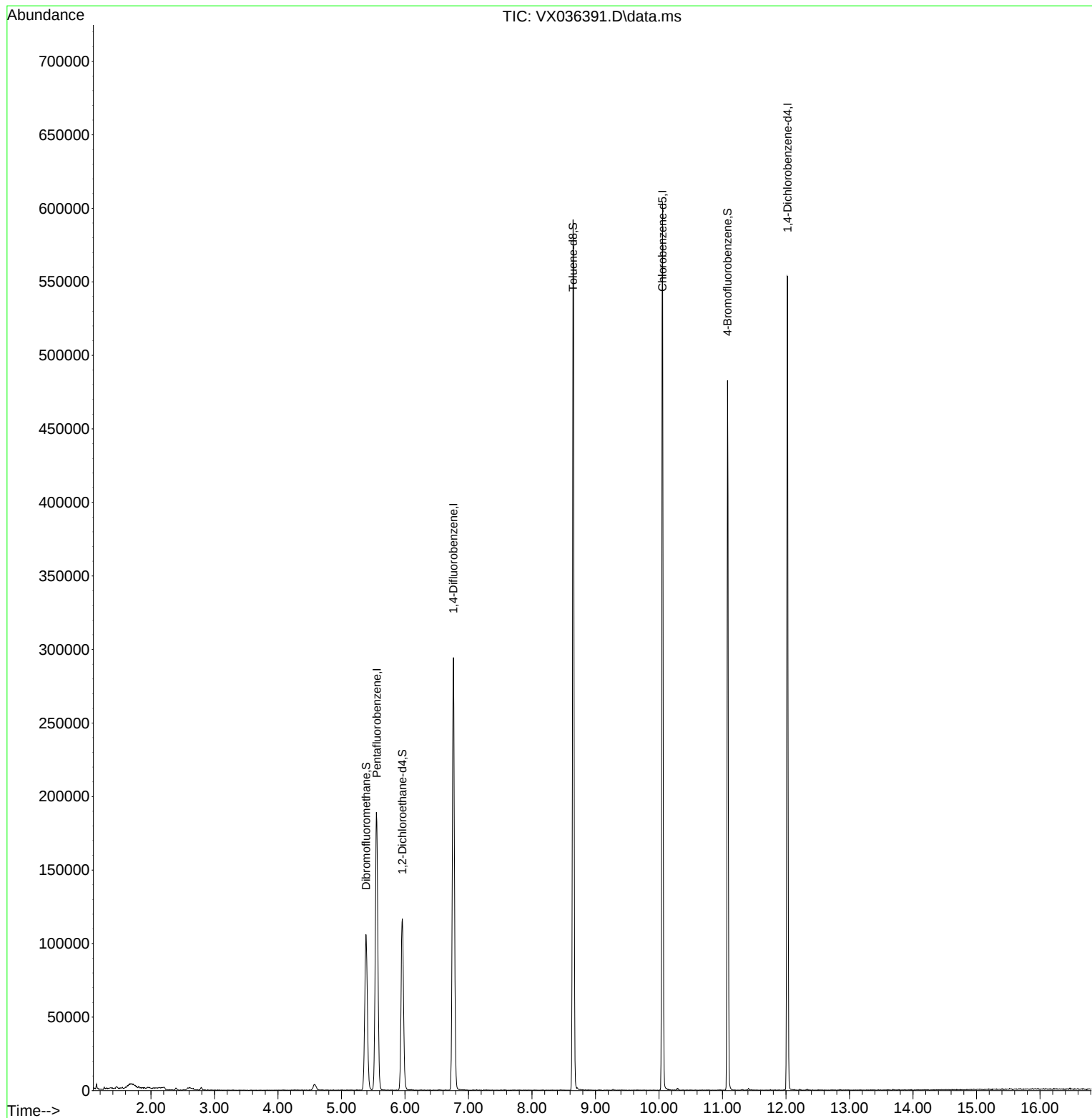
Target Compounds Qvalue

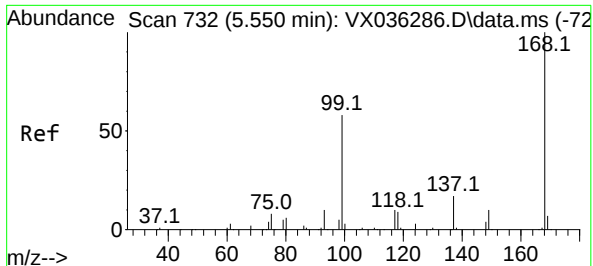
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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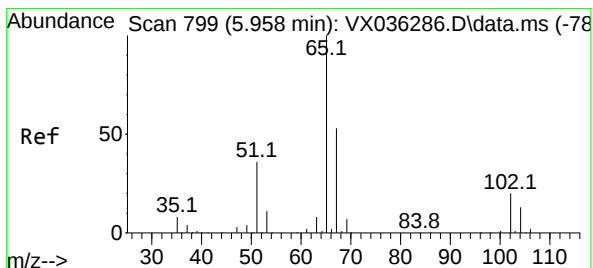
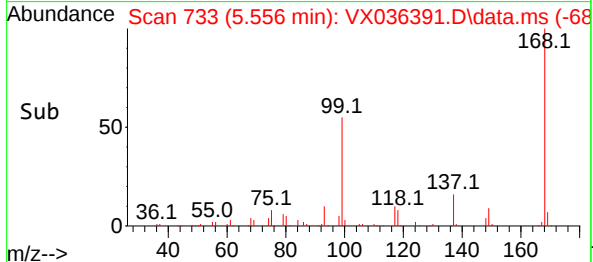
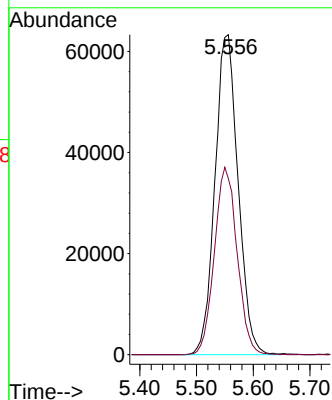
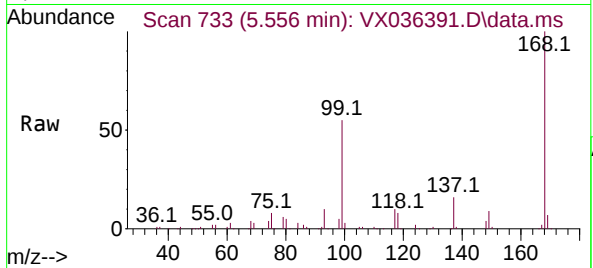




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.007 min
Lab File: VX036391.D
Acq: 30 Jun 2023 13:50

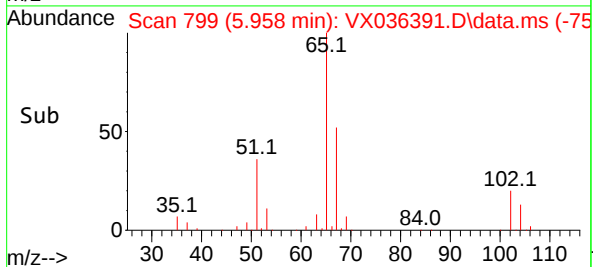
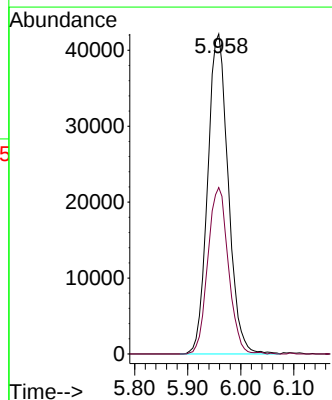
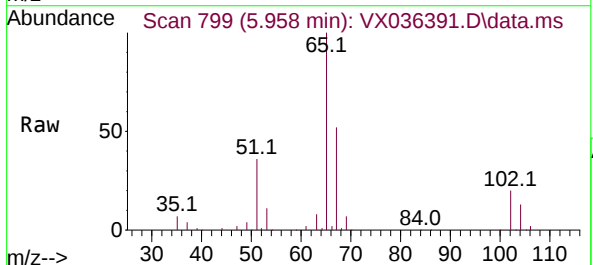
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

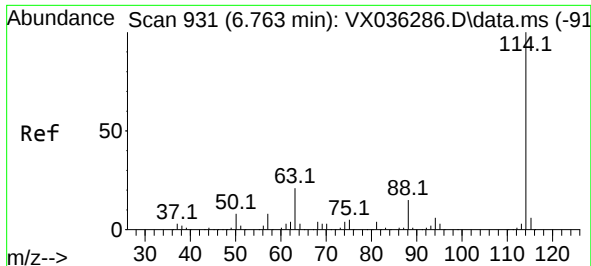
Tgt Ion:168 Resp: 179166
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 44.067 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036391.D
Acq: 30 Jun 2023 13:50

Tgt Ion: 65 Resp: 113174
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

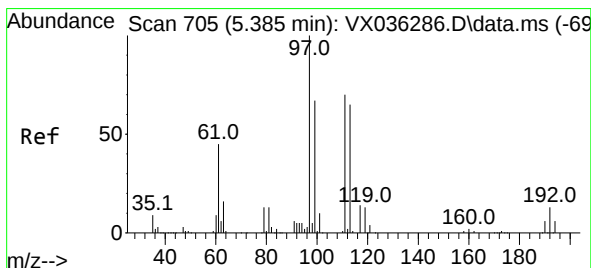
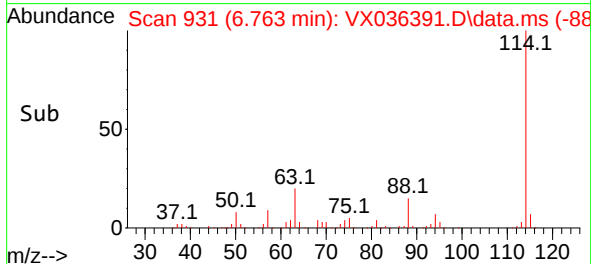
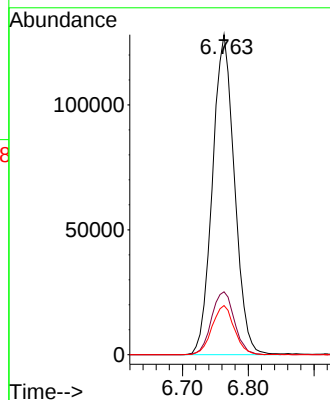
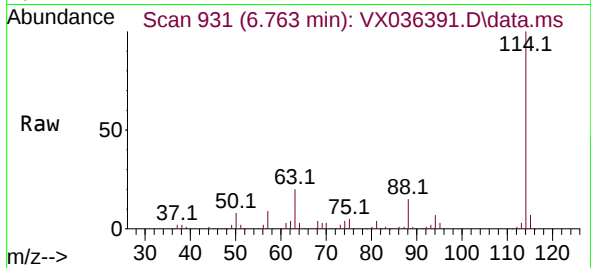




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036391.D
Acq: 30 Jun 2023 13:50

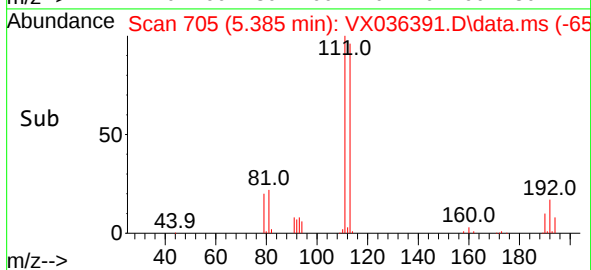
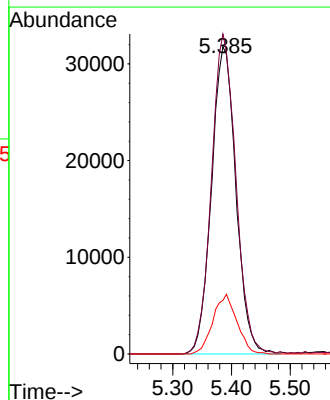
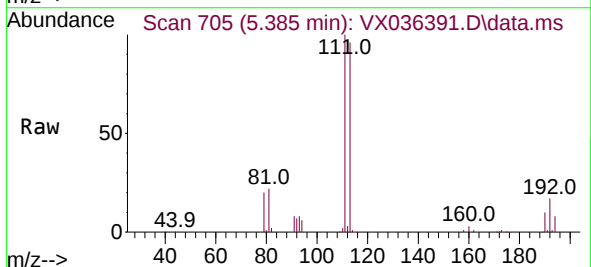
Instrument :
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STORAGE-BLANK-WATER-REF-4

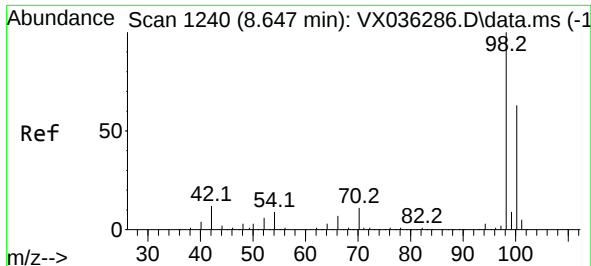
Tgt Ion:114 Resp: 298894
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.543 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036391.D
Acq: 30 Jun 2023 13:50

Tgt Ion:113 Resp: 91729
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 19.0 13.3 19.9





#50

Toluene-d8

Concen: 48.344 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036391.D

Acq: 30 Jun 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

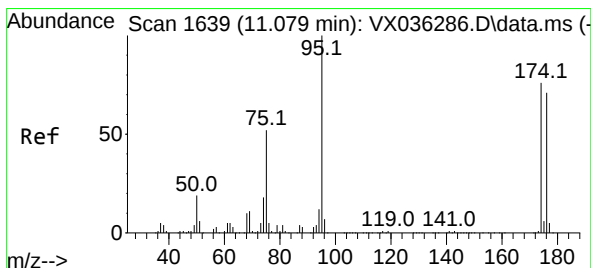
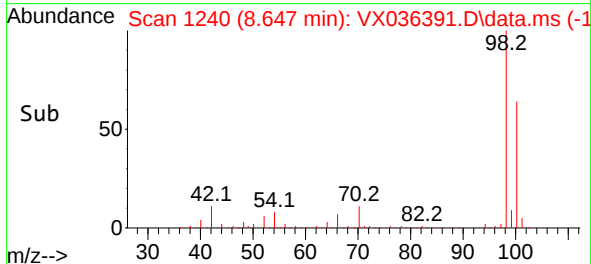
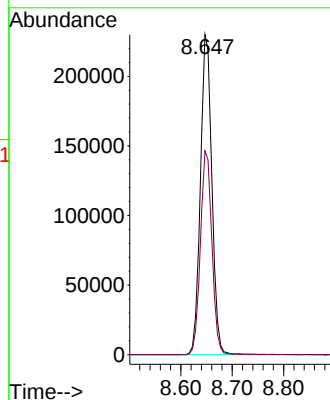
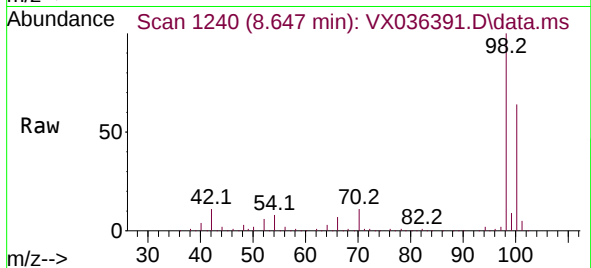
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 355859

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.447 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036391.D

Acq: 30 Jun 2023 13:50

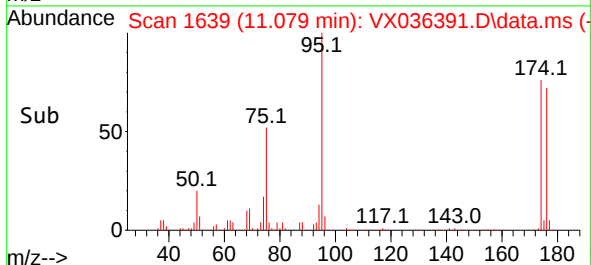
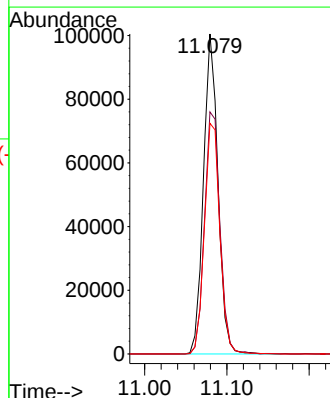
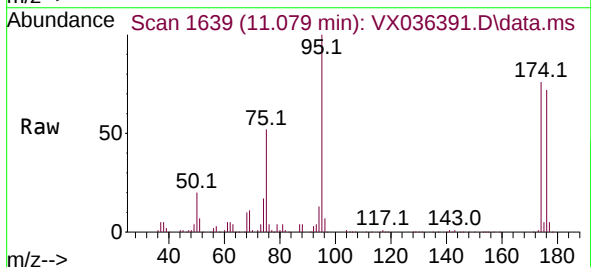
Tgt Ion: 95 Resp: 123020

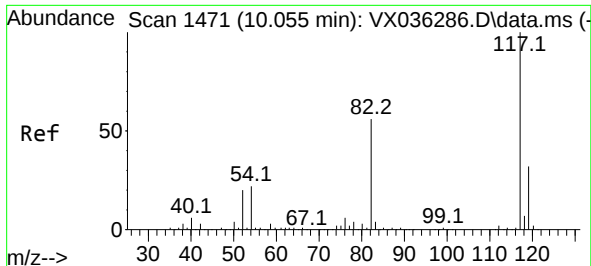
Ion Ratio Lower Upper

95 100

174 80.8 0.0 135.6

176 76.9 0.0 131.0

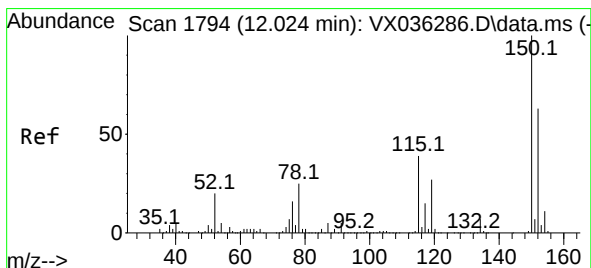
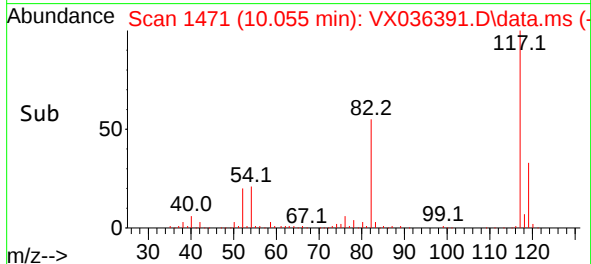
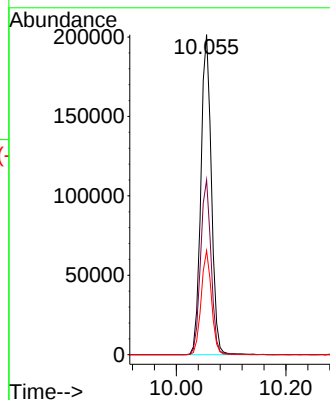
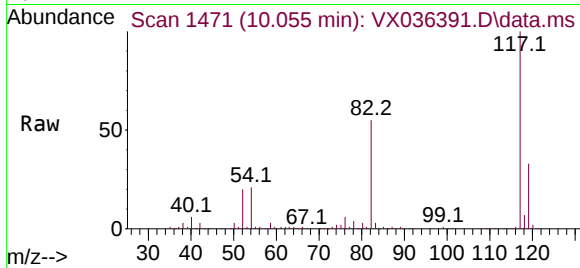




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036391.D
Acq: 30 Jun 2023 13:50

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

Tgt Ion:	117	Resp:	267874
Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.2	69.4
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036391.D
Acq: 30 Jun 2023 13:50

Tgt Ion:	152	Resp:	119779
Ion	Ratio	Lower	Upper
152	100		
115	59.1	43.3	129.9
150	152.5	0.0	345.0

