

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036964.D
 Acq On : 14 Aug 2023 15:00
 Operator : JC/MD
 Sample : 03994-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230811

Quant Time: Aug 15 01:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

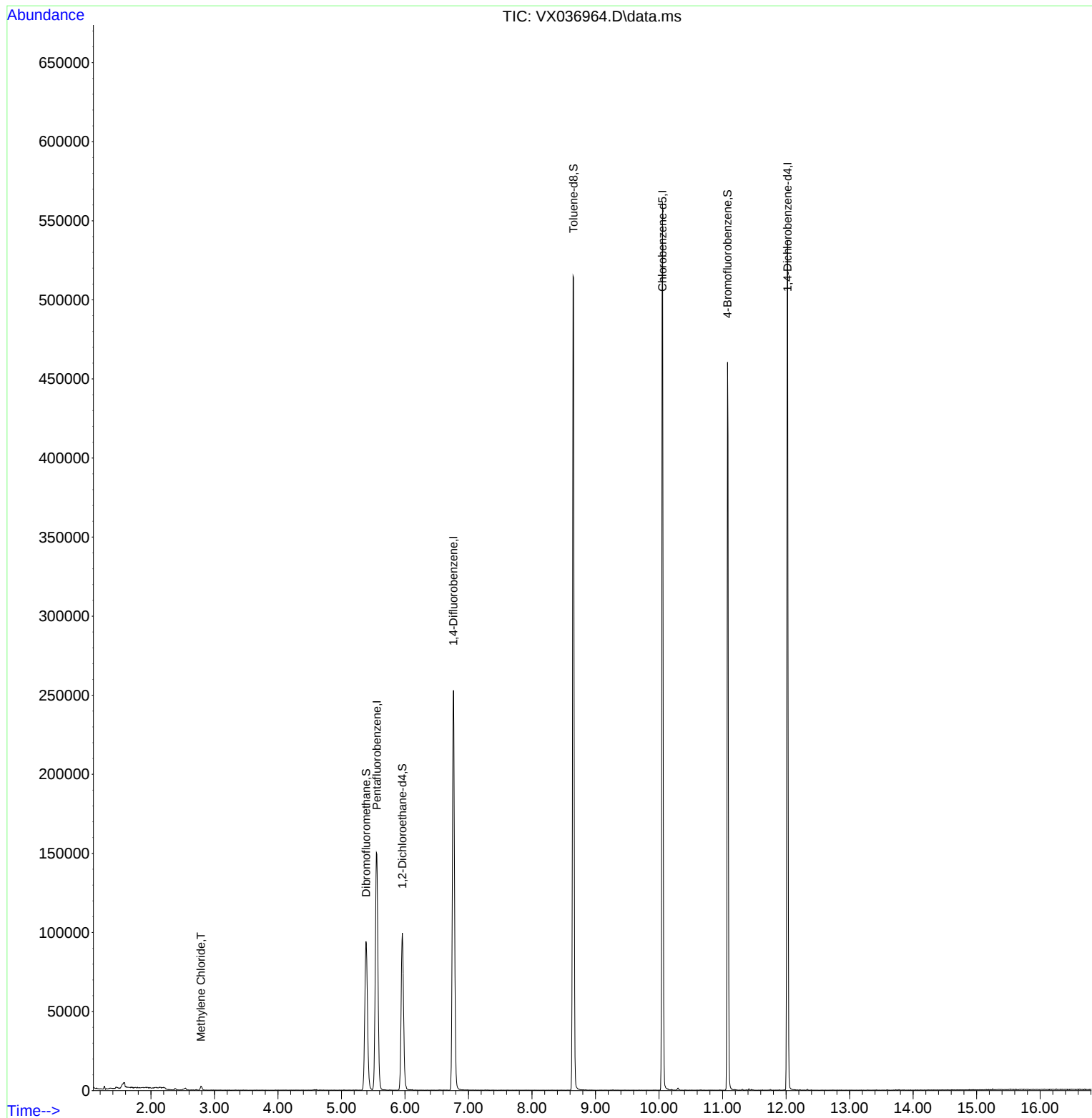
Internal Standards						
1) Pentafluorobenzene	5.556	168	140522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99277	47.747	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.500%
35) Dibromofluoromethane	5.385	113	82827	46.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	8.653	98	312982	49.598	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	123101	51.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.420%
Target Compounds						
20) Methylene Chloride	2.788	84	1298	0.676	ug/l	88

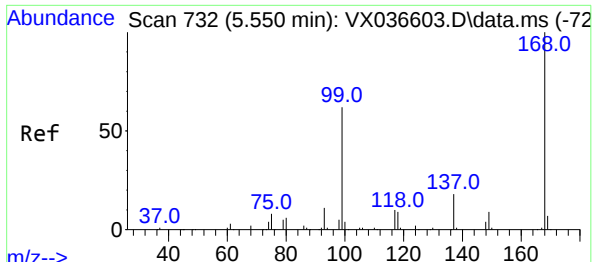
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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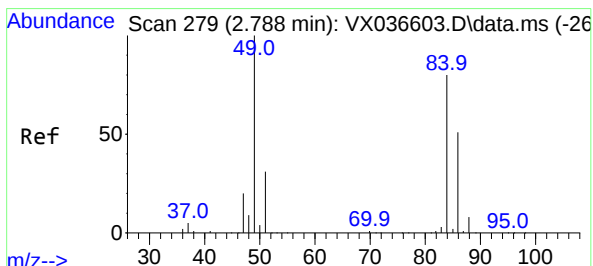
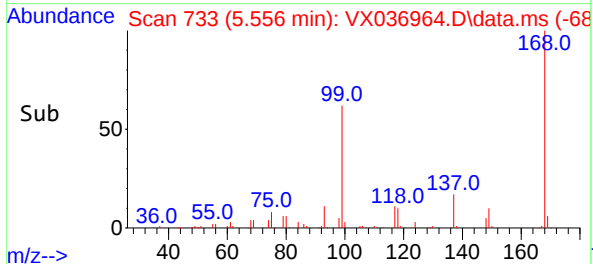
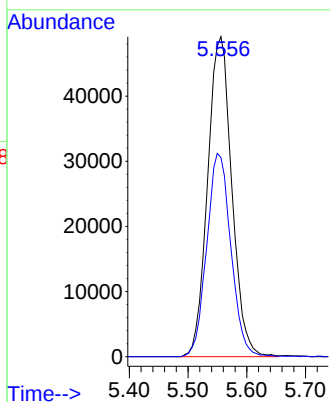
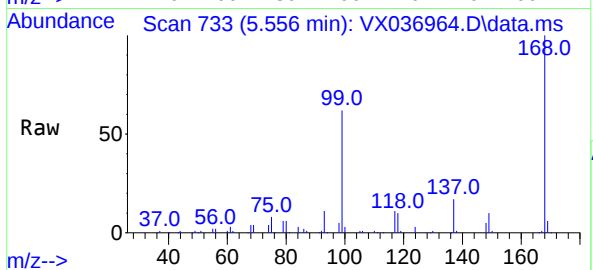




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

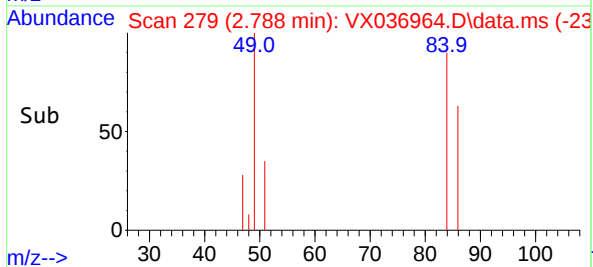
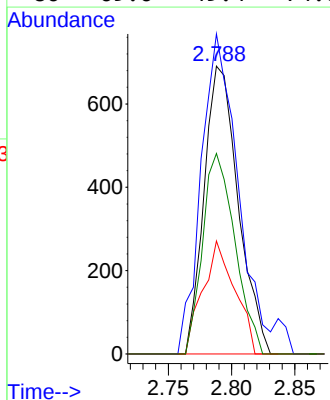
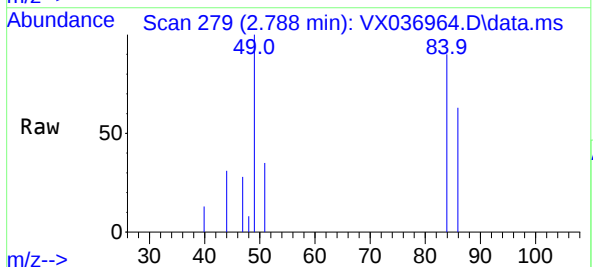
Instrument :
MSVOA_X
ClientSampleId :
TB-20230811

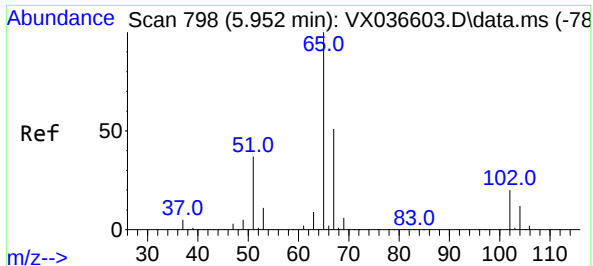
Tgt Ion:168 Resp: 140522
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#20
Methylene Chloride
Concen: 0.676 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 84 Resp: 1298
Ion Ratio Lower Upper
84 100
49 111.1 103.6 155.4
51 39.2 33.8 50.6
86 69.6 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 47.747 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036964.D

Acq: 14 Aug 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

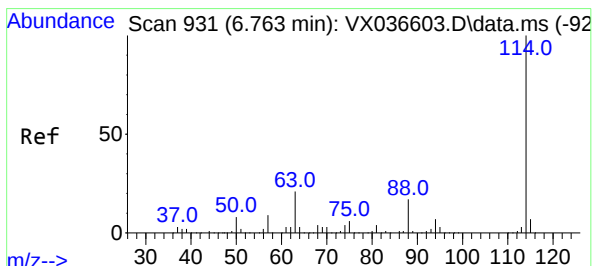
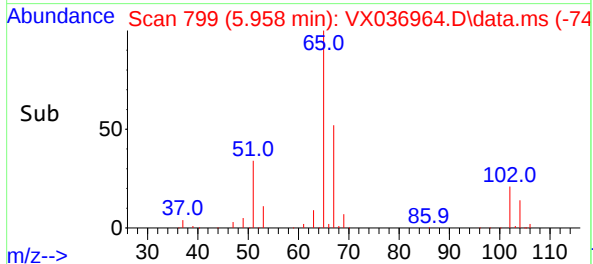
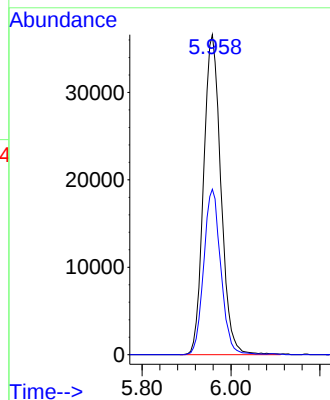
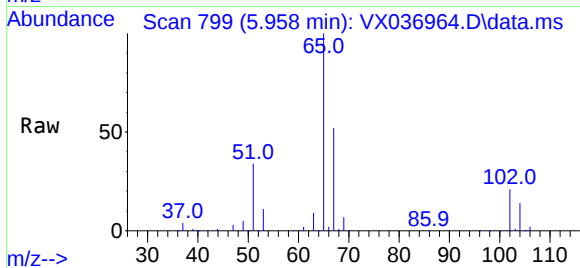
TB-20230811

Tgt Ion: 65 Resp: 99277

Ion Ratio Lower Upper

65 100

67 50.9 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: VX036964.D

Acq: 14 Aug 2023 15:00

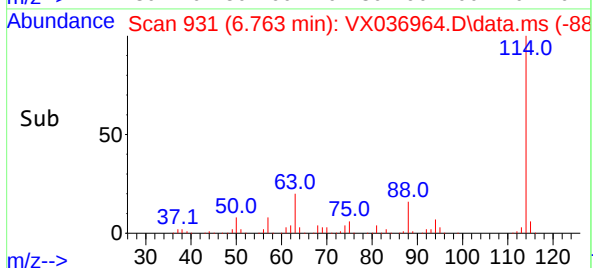
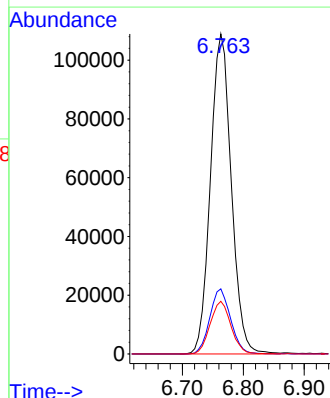
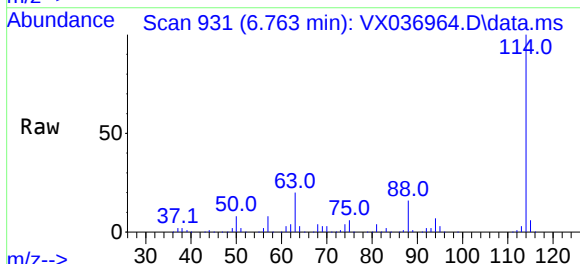
Tgt Ion: 114 Resp: 258889

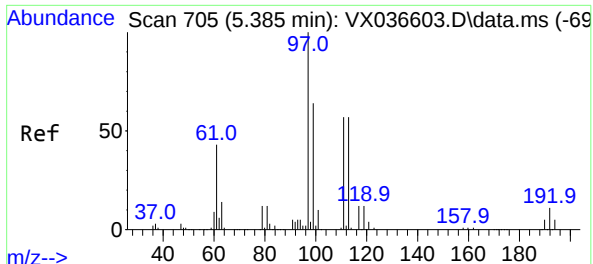
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.5 0.0 36.6

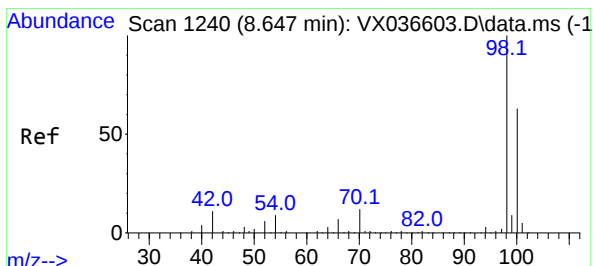
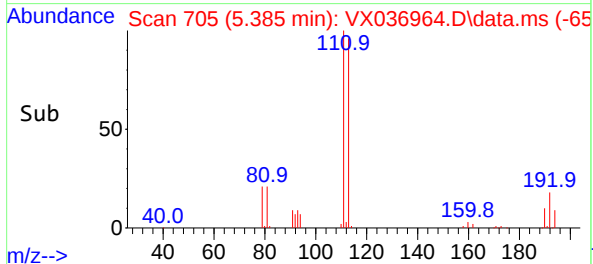
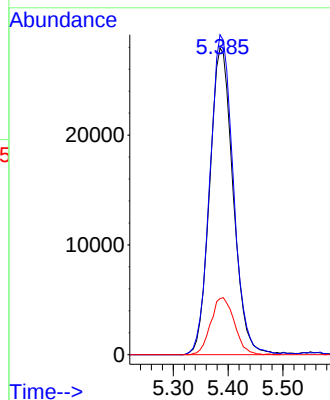
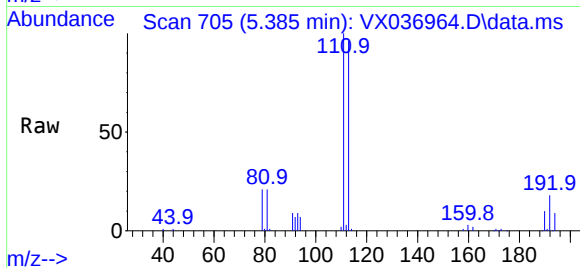




#35
Dibromofluoromethane
Concen: 46.546 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

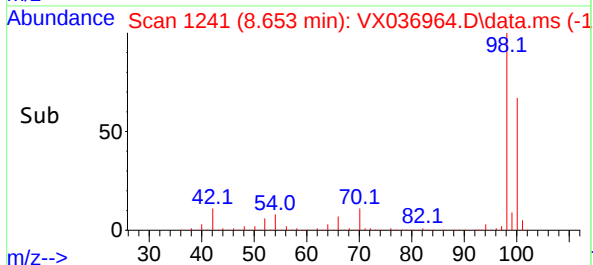
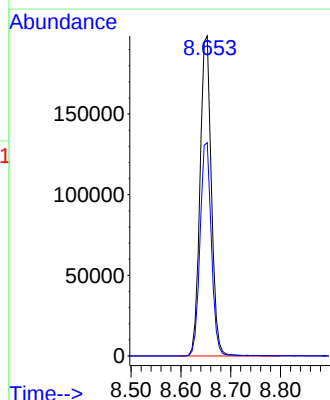
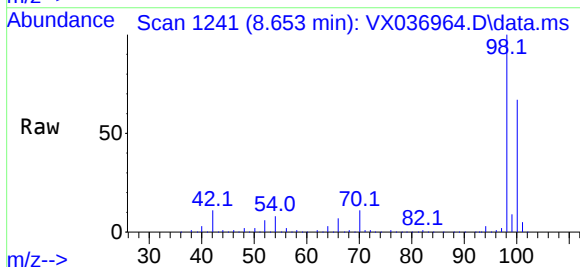
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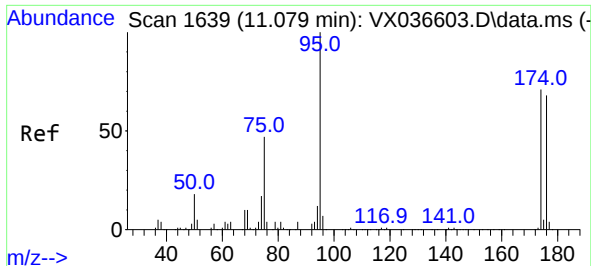
Tgt Ion:	113	Resp:	82827
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	18.7	13.3	19.9



#50
Toluene-d8
Concen: 49.598 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion:	98	Resp:	312982
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7

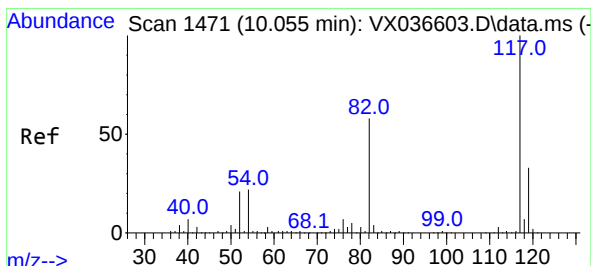
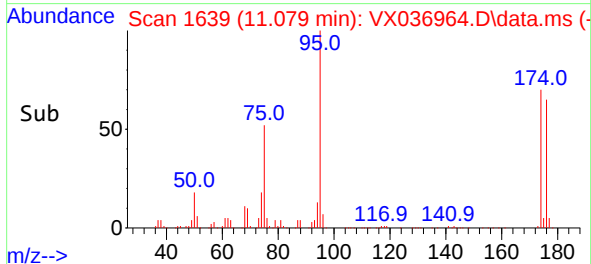
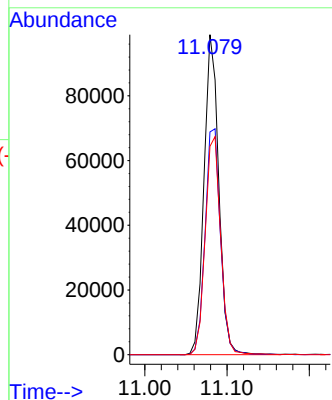
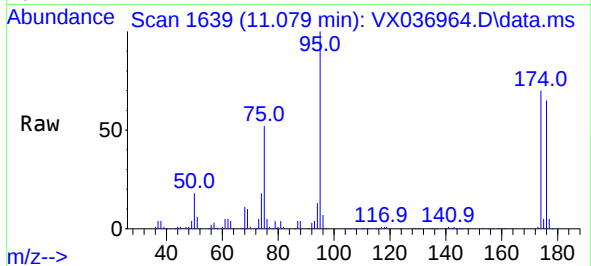




#62
4-Bromofluorobenzene
Concen: 51.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

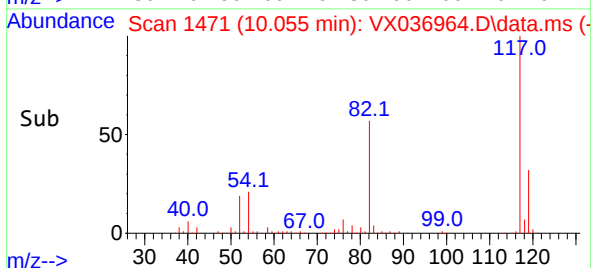
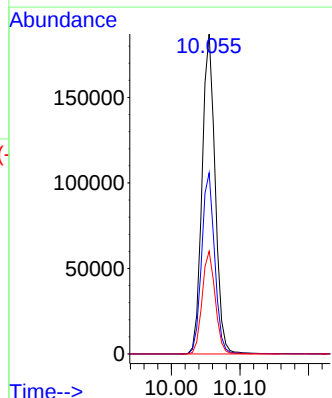
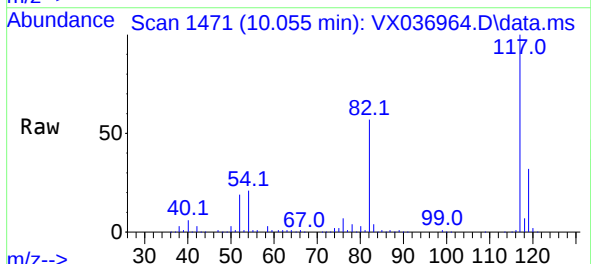
Instrument :
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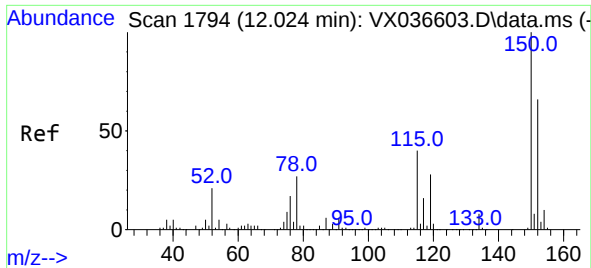
Tgt Ion: 95 Resp: 123101
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036964.D
Acq: 14 Aug 2023 15:00

Tgt Ion: 117 Resp: 248780
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.1 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: VX036964.D
 Acq: 14 Aug 2023 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230811

Tgt Ion:152 Resp: 113645
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 157.4 0.0 345.0

