

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041978.D
 Acq On : 21 Jun 2024 14:00
 Operator : JC/MD
 Sample : P3003-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-TB-20240618

Quant Time: Jun 22 04:41:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

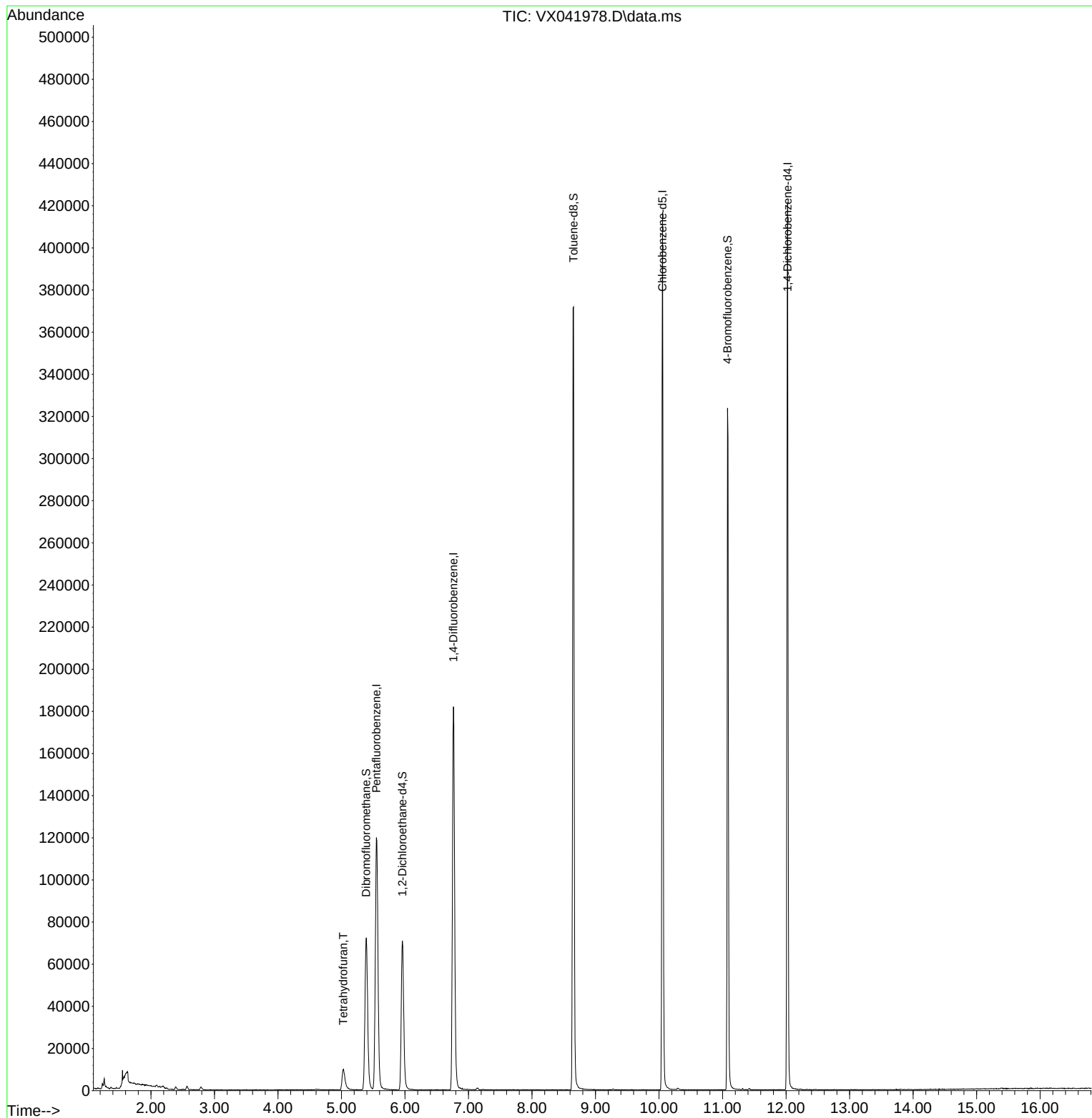
Internal Standards						
1) Pentafluorobenzene	5.550	168	133321	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69118	44.959	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.920%
35) Dibromofluoromethane	5.385	113	65105	45.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	8.653	98	240991	47.583	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.079	95	88418	47.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.720%
Target Compounds						
29) Tetrahydrofuran	5.025	42	10580	15.599	ug/l	Qvalue 99

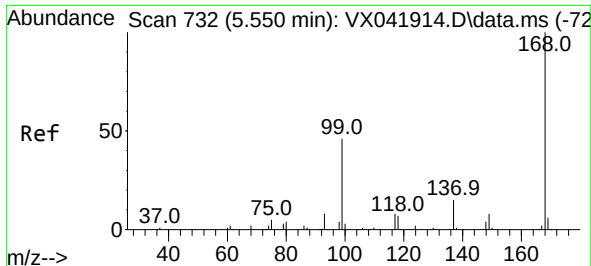
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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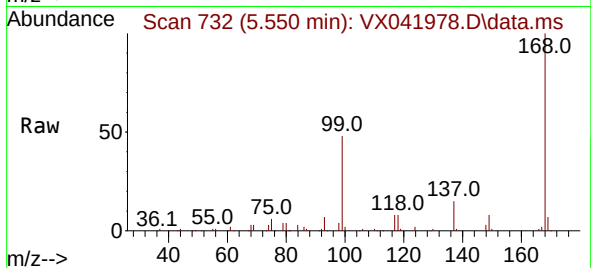
Quant Time: Jun 22 04:41:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
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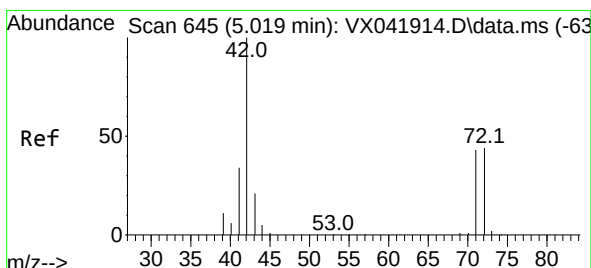
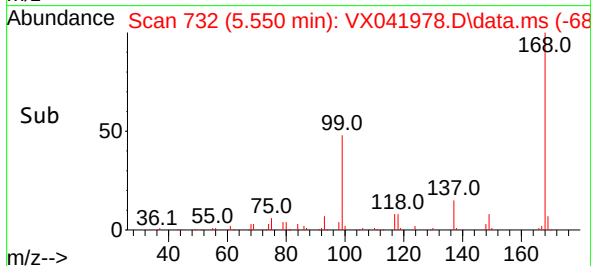
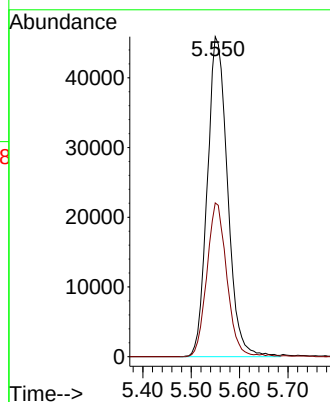


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041978.D
Acq: 21 Jun 2024 14:00

Instrument :
MSVOA_X
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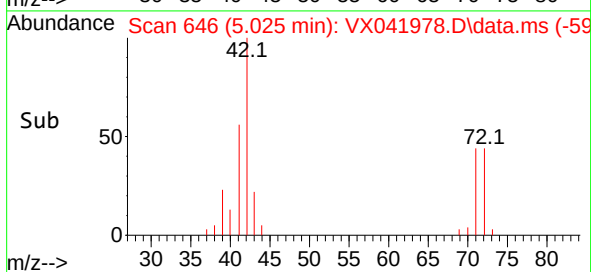
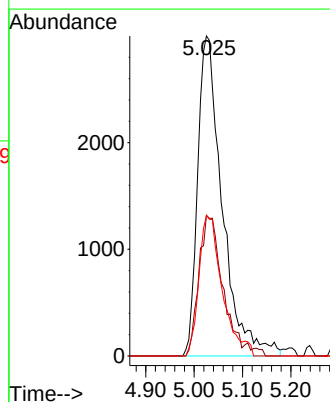
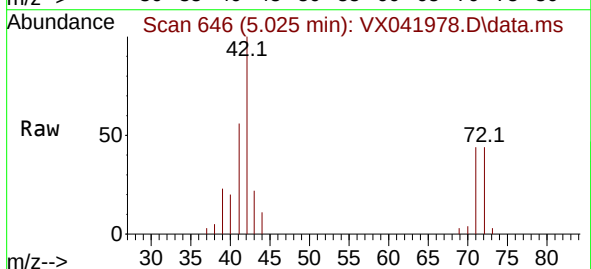


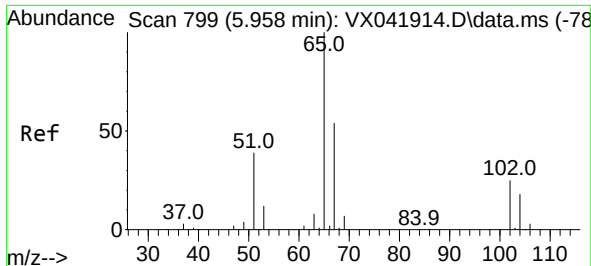
Tgt Ion:168 Resp: 133321
Ion Ratio Lower Upper
168 100
99 48.1 56.6 85.0#



#29
Tetrahydrofuran
Concen: 15.599 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX041978.D
Acq: 21 Jun 2024 14:00

Tgt Ion: 42 Resp: 10580
Ion Ratio Lower Upper
42 100
72 42.9 34.2 51.4
71 41.6 32.2 48.2

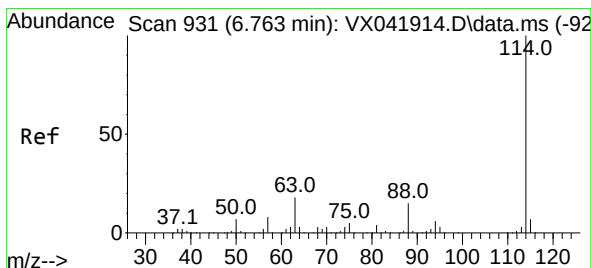
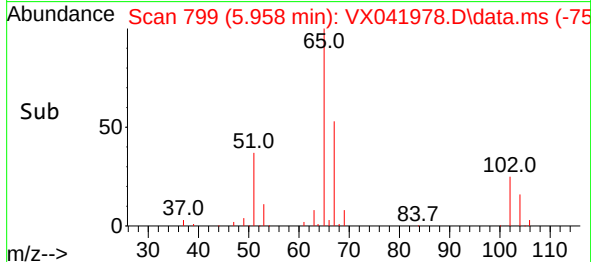
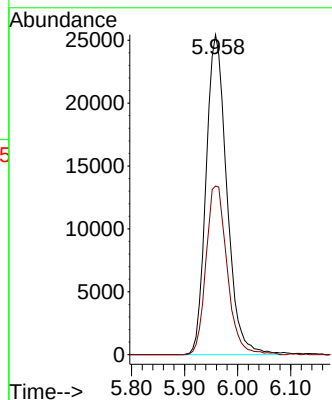
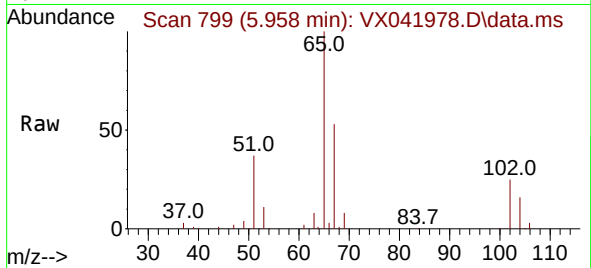




#33
 1,2-Dichloroethane-d4
 Concen: 44.959 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX041978.D
 Acq: 21 Jun 2024 14:00

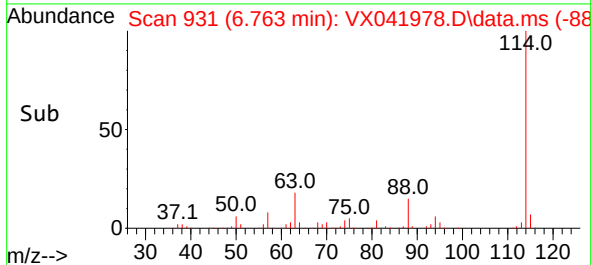
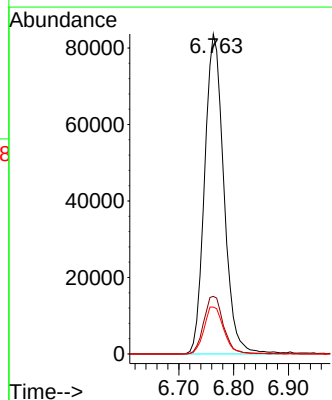
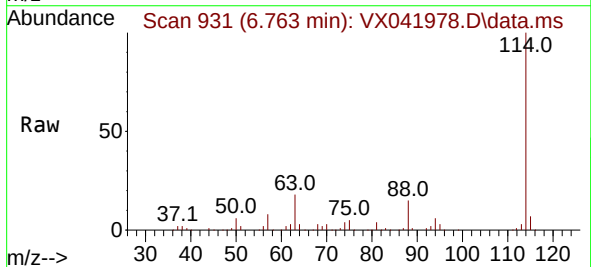
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-TB-20240618

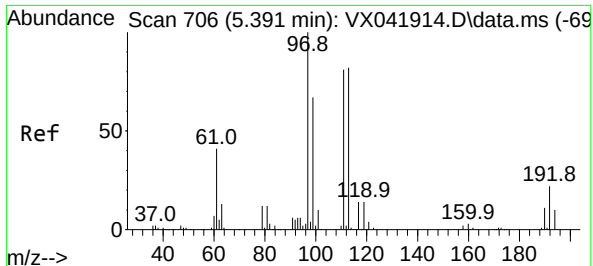
Tgt Ion: 65 Resp: 69118
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX041978.D
 Acq: 21 Jun 2024 14:00

Tgt Ion: 114 Resp: 203177
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 45.0
 88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.160 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX041978.D

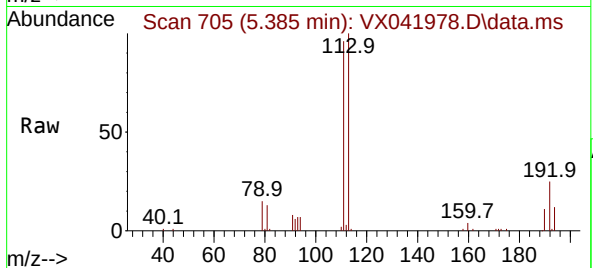
Acq: 21 Jun 2024 14:00

Instrument :

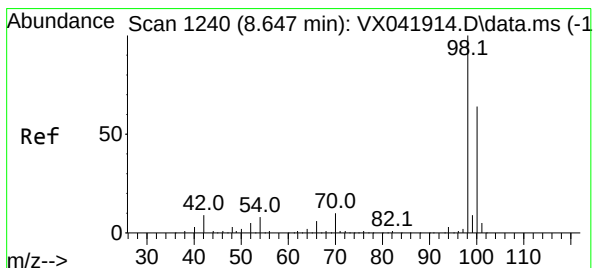
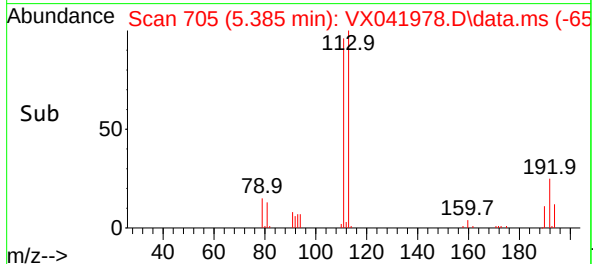
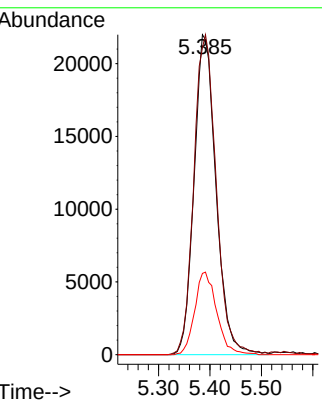
MSVOA_X

ClientSampleId :

BP-VPB-189-TB-20240618



Tgt Ion:	113	Resp:	65105
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	25.9	13.3	19.9



#50

Toluene-d8

Concen: 47.583 ug/l

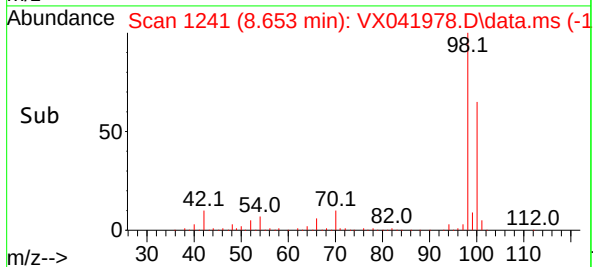
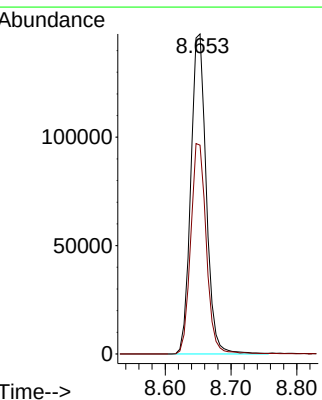
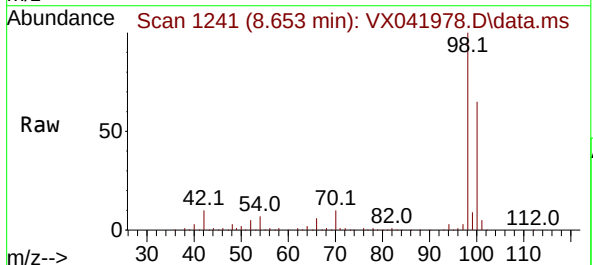
RT: 8.653 min Scan# 1241

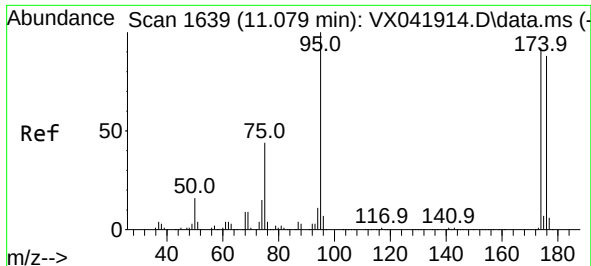
Delta R.T. 0.006 min

Lab File: VX041978.D

Acq: 21 Jun 2024 14:00

Tgt Ion:	98	Resp:	240991
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7

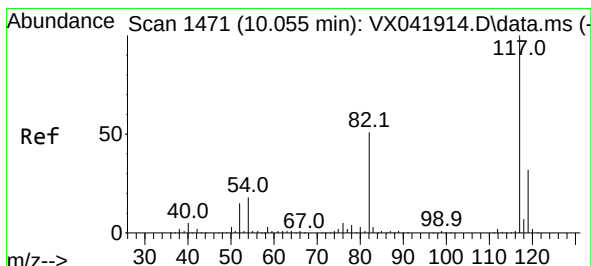
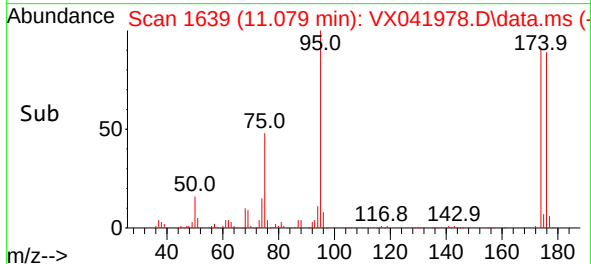
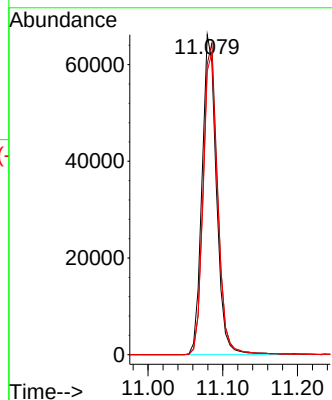
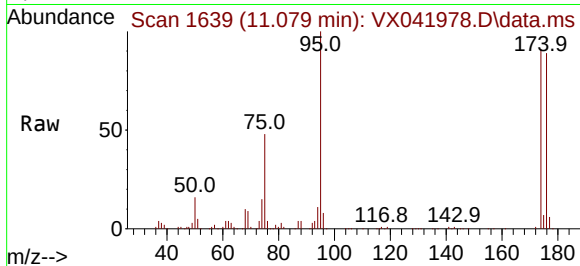




#62
4-Bromofluorobenzene
Concen: 47.360 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041978.D
Acq: 21 Jun 2024 14:00

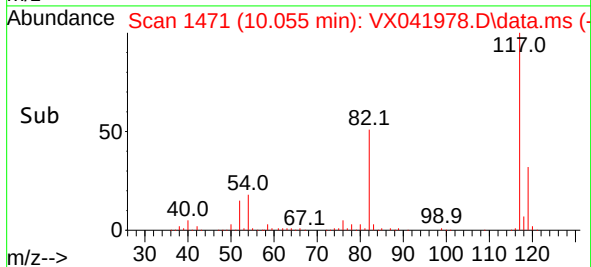
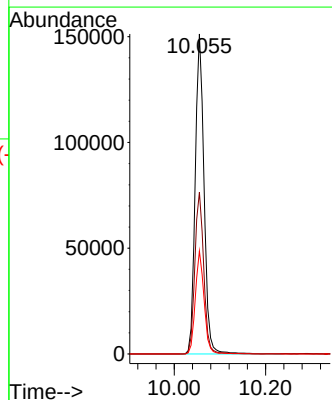
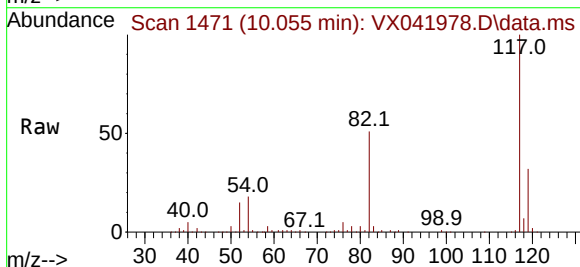
Instrument :
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ClientSampleId :
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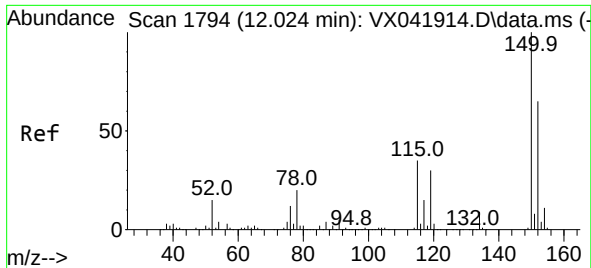
Tgt Ion: 95 Resp: 88418
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 95.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041978.D
Acq: 21 Jun 2024 14:00

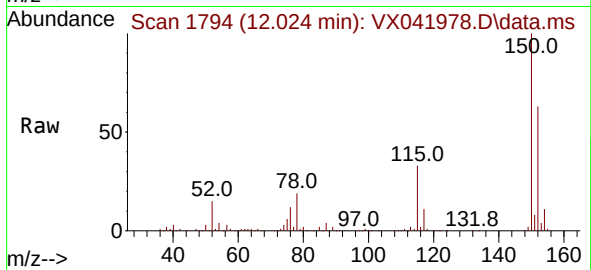
Tgt Ion: 117 Resp: 203608
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041978.D
 Acq: 21 Jun 2024 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-TB-20240618



Tgt Ion:152 Resp: 99580
 Ion Ratio Lower Upper
 152 100
 115 53.7 43.3 129.9
 150 157.9 0.0 345.0

