

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041925.D
 Acq On : 18 Jun 2024 16:00
 Operator : JC/MD
 Sample : P2928-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-TB-20240613

Quant Time: Jun 19 08:12:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

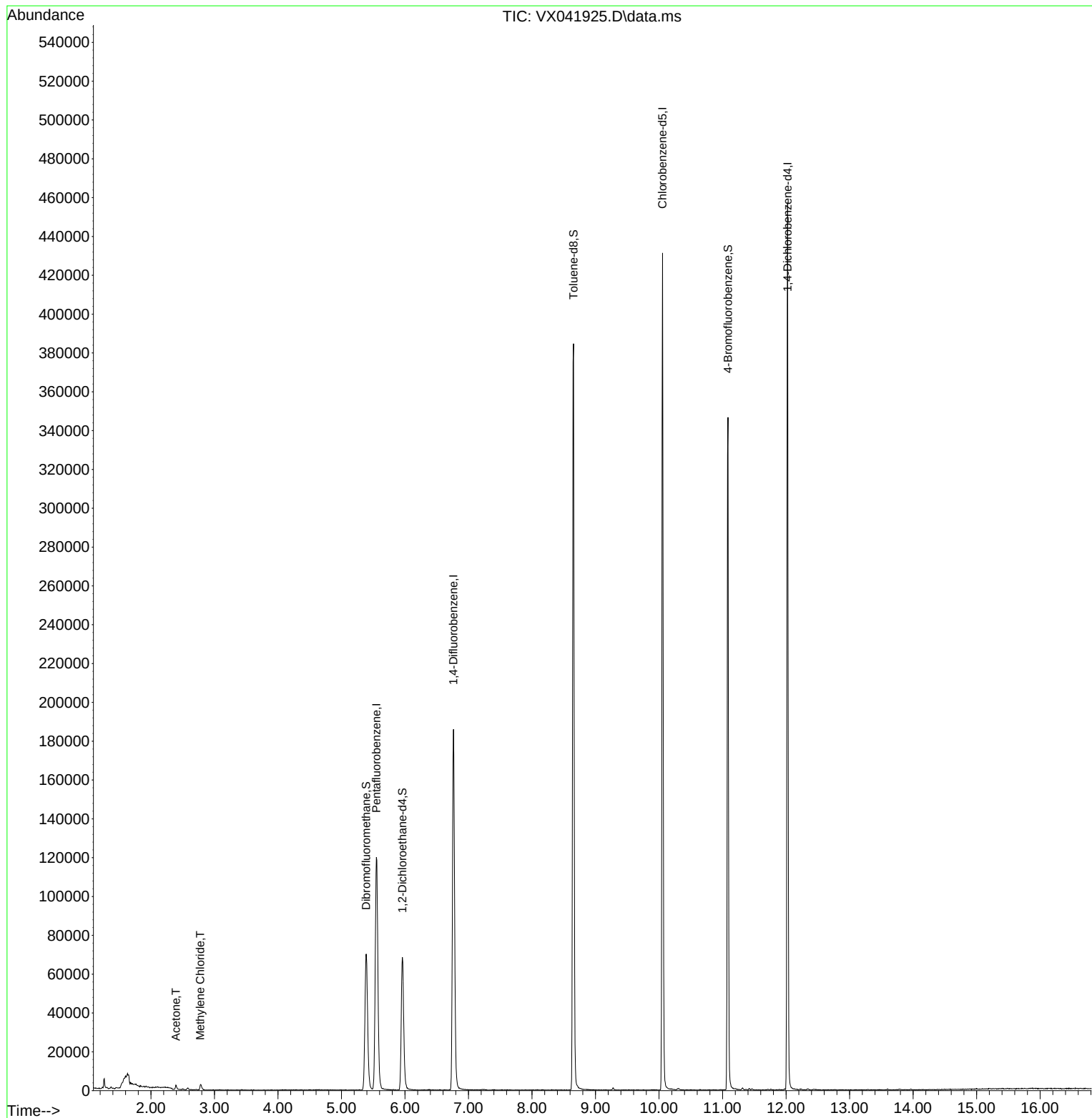
Internal Standards						
1) Pentafluorobenzene	5.550	168	134272	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	205991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66362	42.860	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.720%
35) Dibromofluoromethane	5.385	113	63807	43.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.320%
50) Toluene-d8	8.653	98	245853	47.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.085	95	92961	49.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2313	3.402	ug/l	95
20) Methylene Chloride	2.776	84	1522	1.022	ug/l #	82

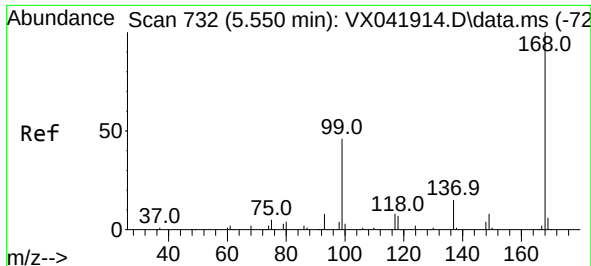
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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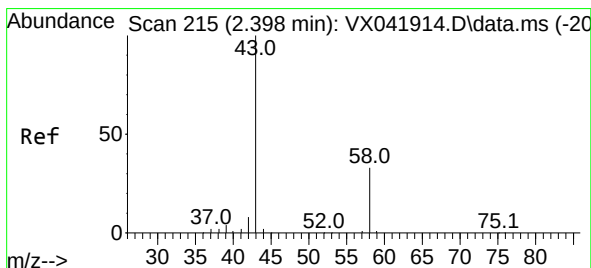
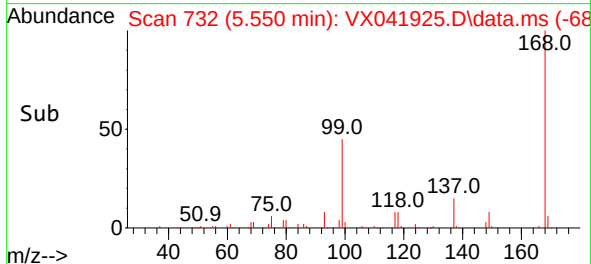
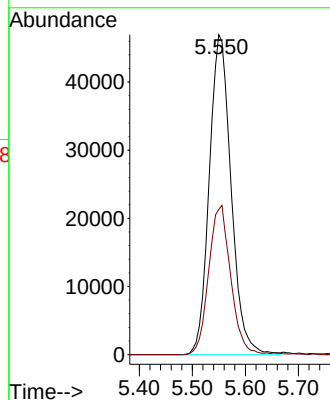
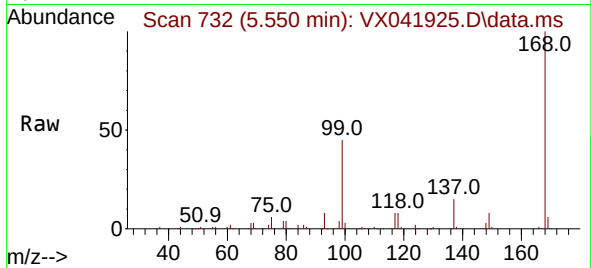




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

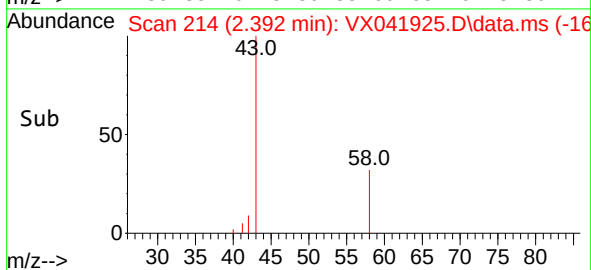
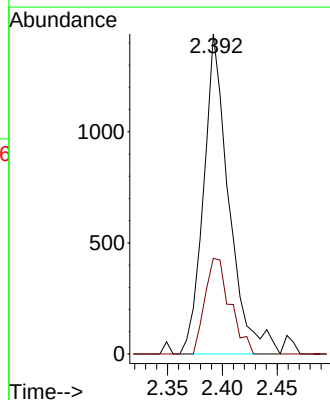
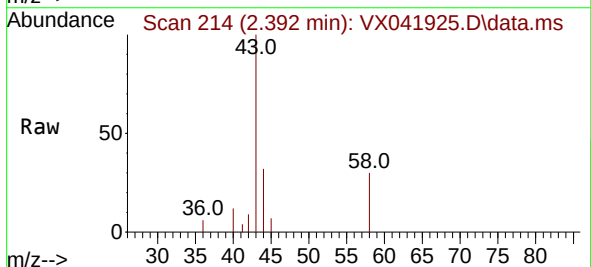
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240613

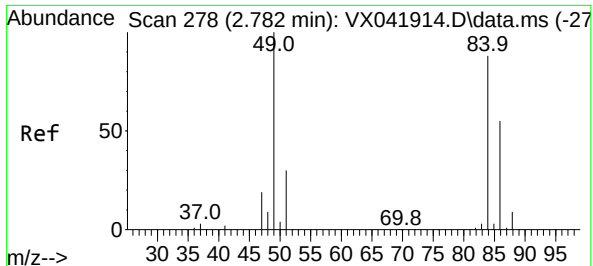
Tgt Ion:168 Resp: 134272
Ion Ratio Lower Upper
168 100
99 45.4 56.6 85.0#



#16
Acetone
Concen: 3.402 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9

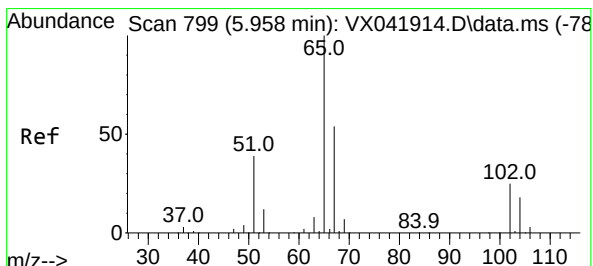
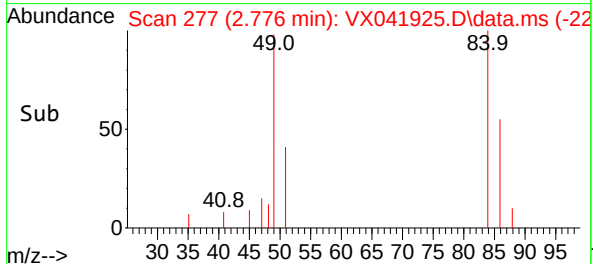
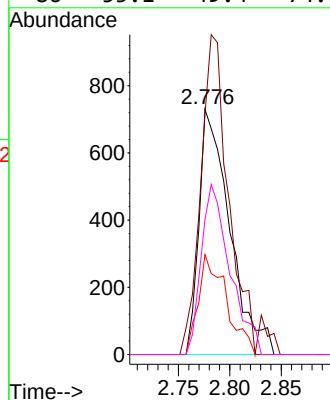
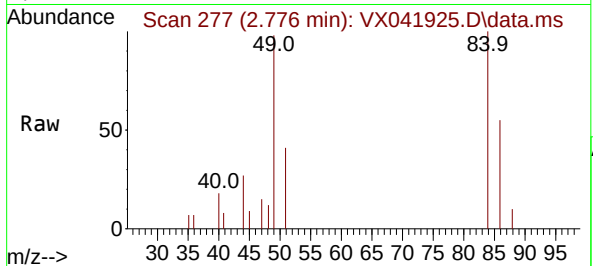




#20
Methylene Chloride
Concen: 1.022 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

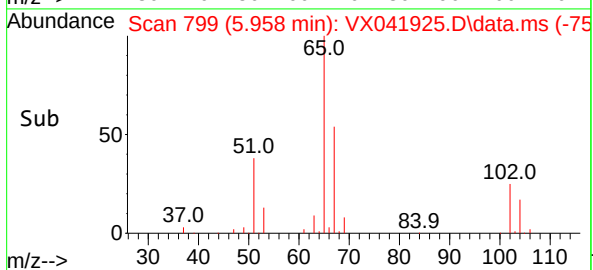
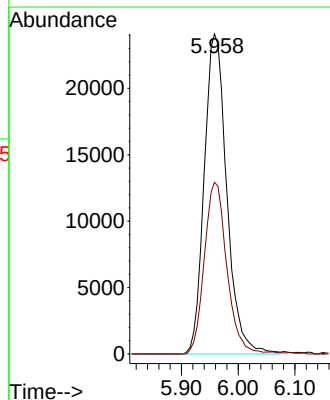
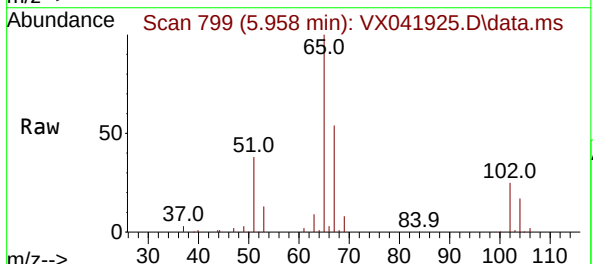
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240613

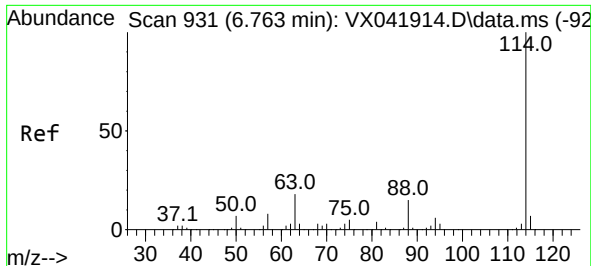
Tgt Ion:	84	Resp:	1522
Ion	Ratio	Lower	Upper
84	100		
49	98.1	103.6	155.4#
51	40.7	33.8	50.6
86	55.1	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 42.860 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion:	65	Resp:	66362
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	100.2

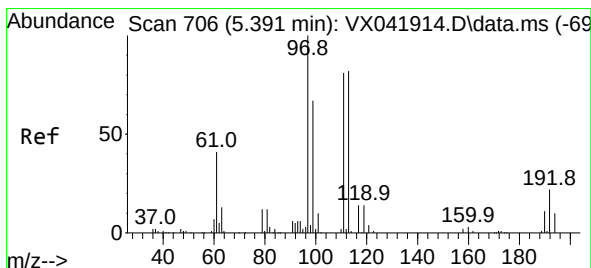
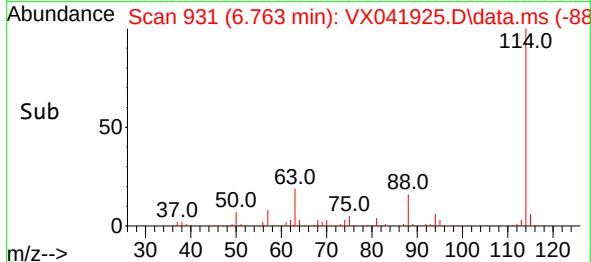
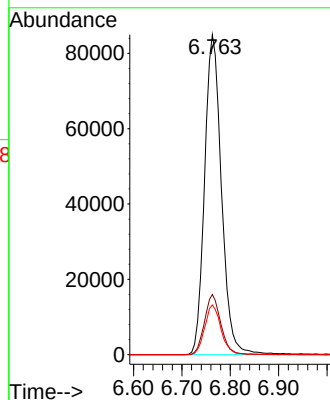
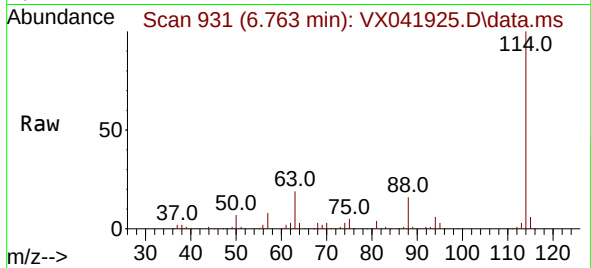




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

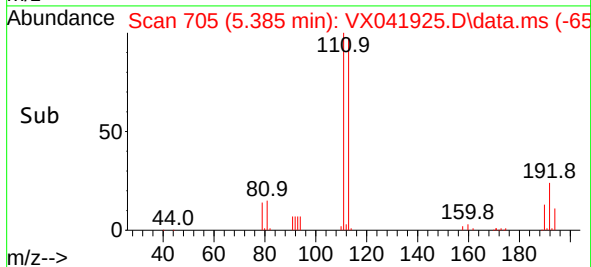
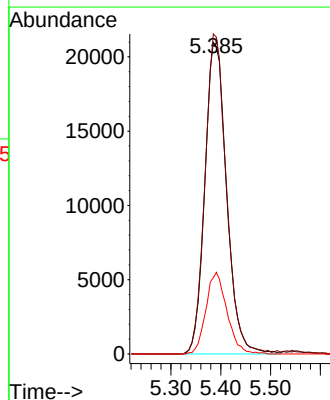
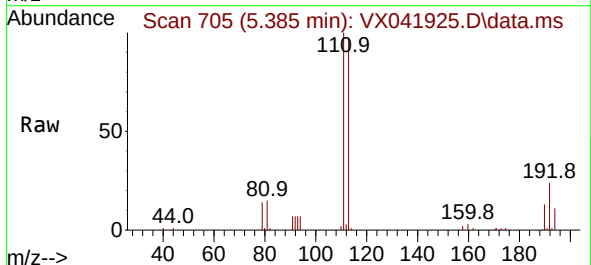
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240613

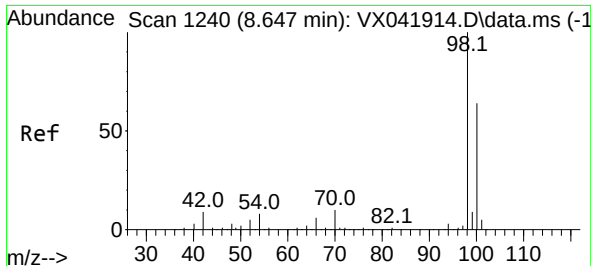
Tgt Ion:114 Resp: 205991
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.655 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion:113 Resp: 63807
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.3 13.3 19.9#

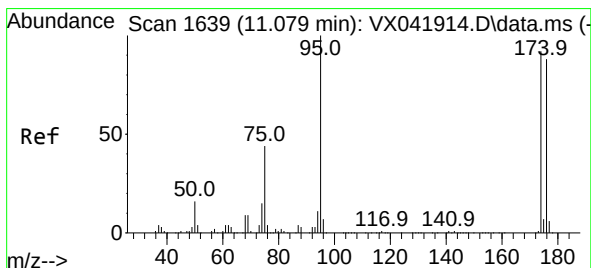
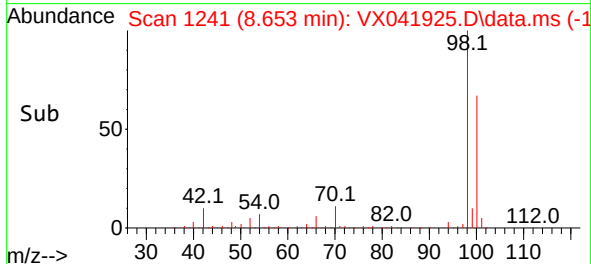
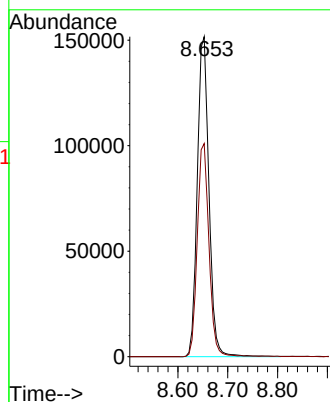
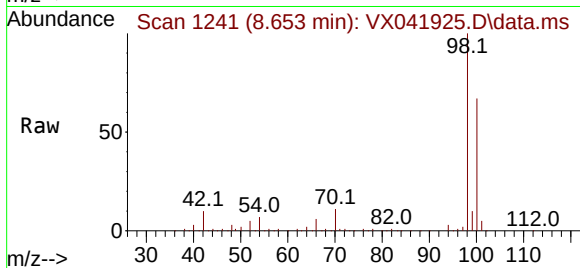




#50
Toluene-d8
Concen: 47.880 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

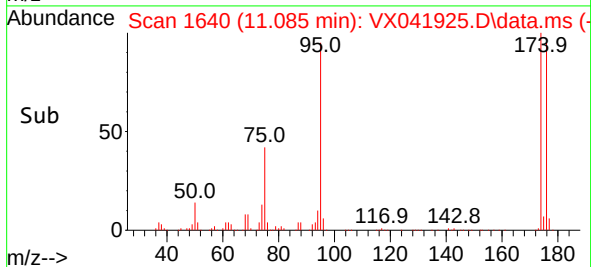
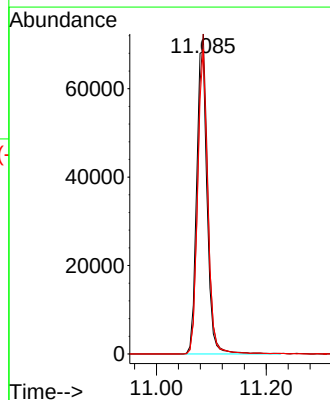
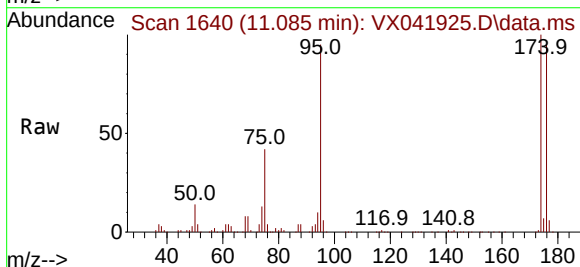
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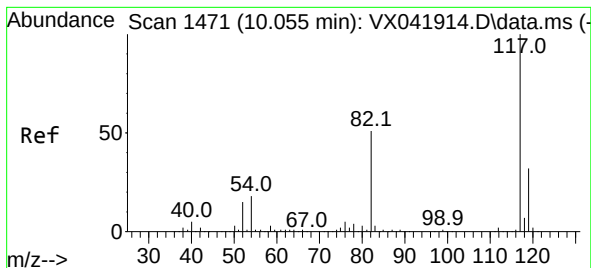
Tgt Ion: 98 Resp: 245853
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion: 95 Resp: 92961
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 95.1 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: VX041925.D

Acq: 18 Jun 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240613

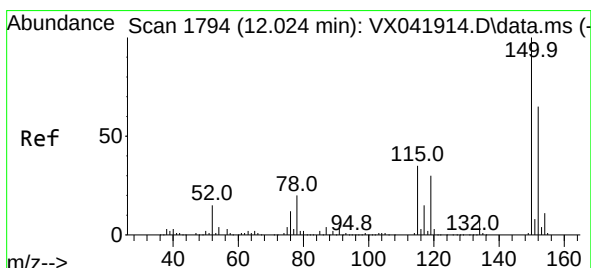
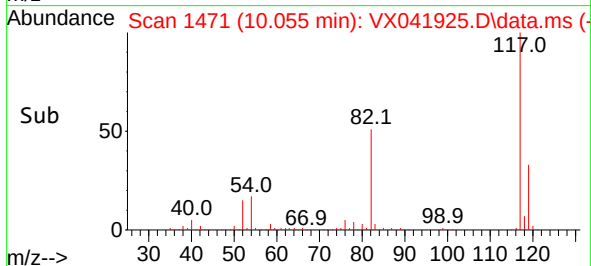
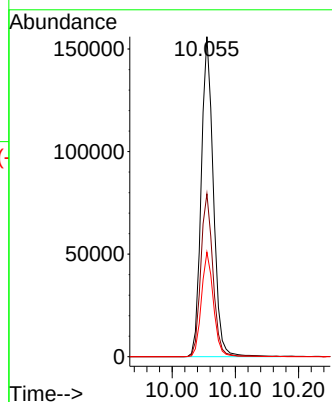
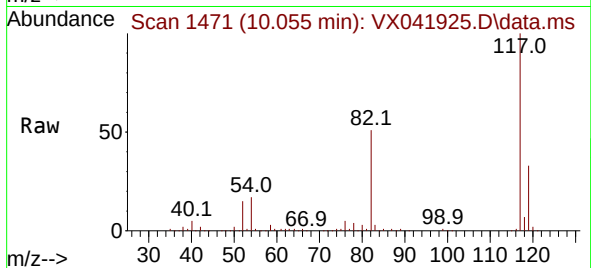
Tgt Ion:117 Resp: 208554

Ion Ratio Lower Upper

117 100

82 50.9 46.2 69.4

119 32.6 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: VX041925.D

Acq: 18 Jun 2024 16:00

Tgt Ion:152 Resp: 106820

Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 154.5 0.0 345.0

