

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040308.D
 Acq On : 17 Feb 2024 17:26
 Operator : JC/MD
 Sample : P1506-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240214

Quant Time: Feb 19 03:59:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

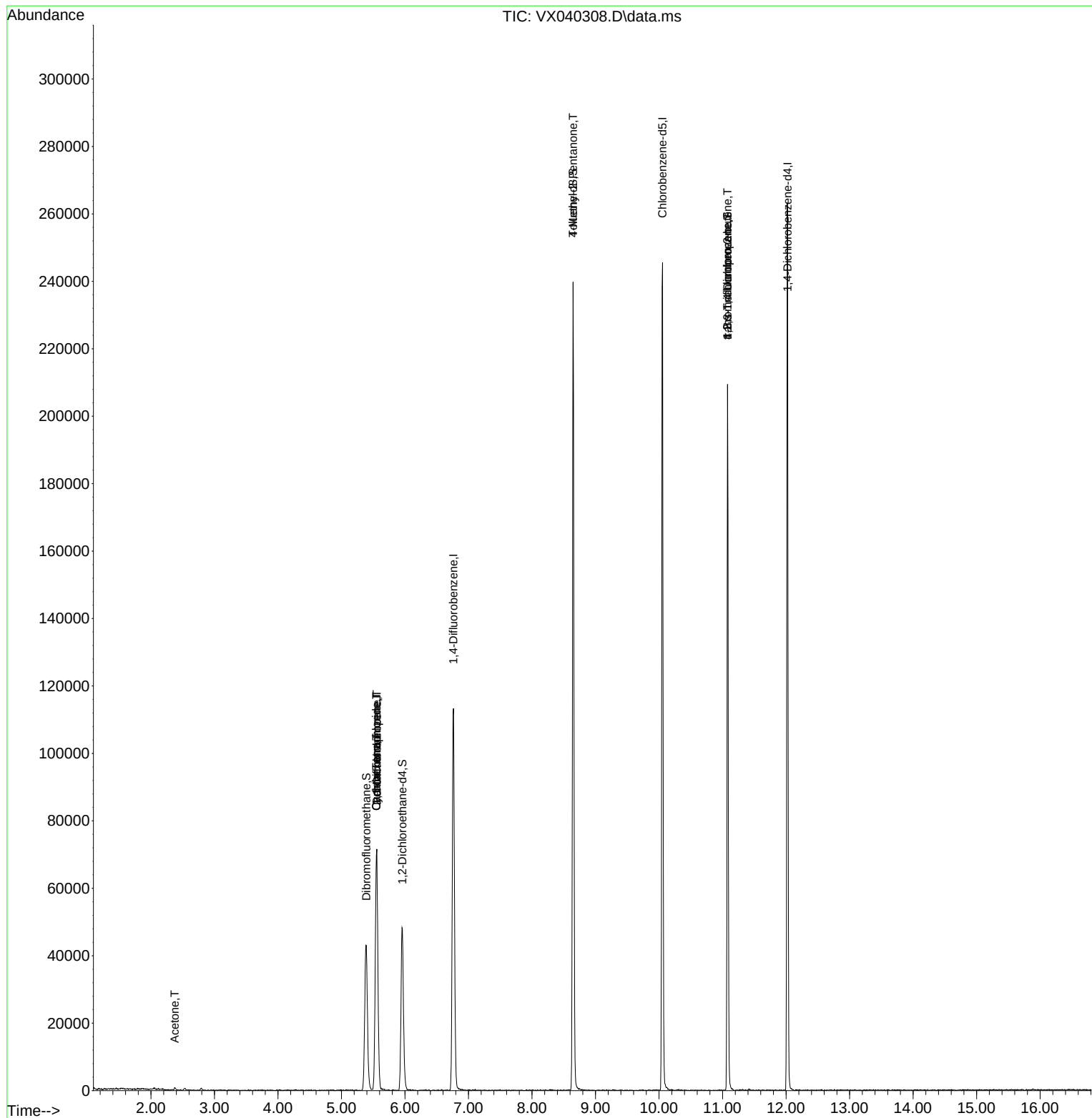
Internal Standards						
1) Pentafluorobenzene	5.556	168	68893	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47331	46.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.391	113	38163	46.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.646	98	138980	45.549	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	53719	43.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.340%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	788	1.872	ug/l	94
20) Methylene Chloride	2.794	84	277	Below Cal	#	57
31) Cyclohexane	5.549	56	1525	1.247	ug/l	# 6
36) 1,1-Dichloropropene	5.556	75	5479	4.795	ug/l	# 48
38) Carbon Tetrachloride	5.549	117	6897	6.348	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.646	43	660	0.487	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	28683	25.580	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	28683	70.283	ug/l	# 5

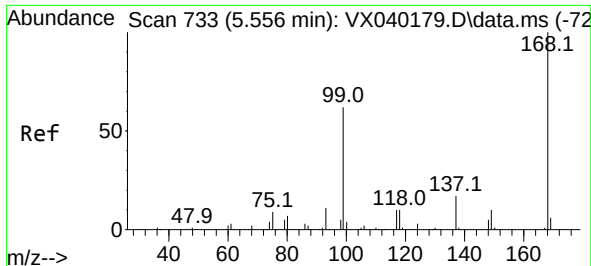
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

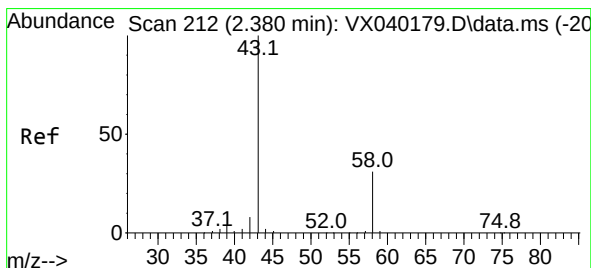
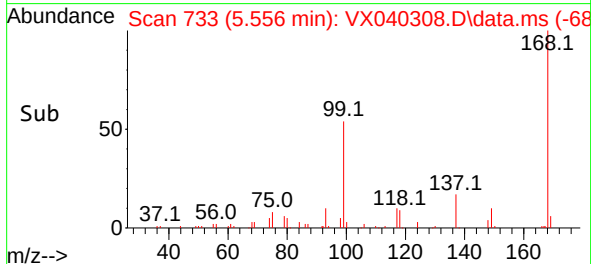
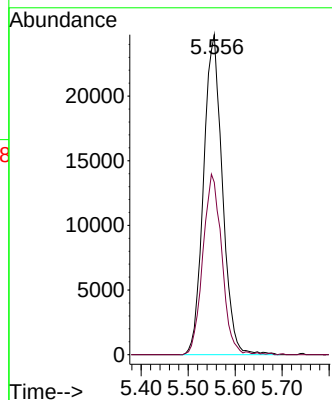
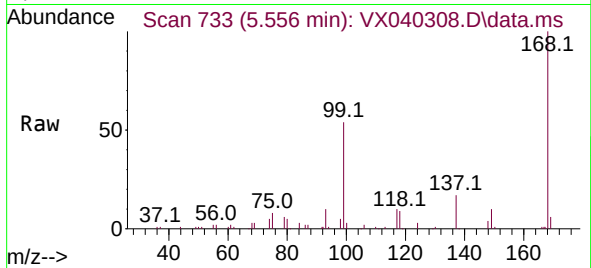




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

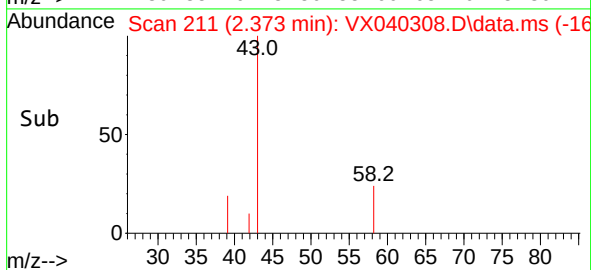
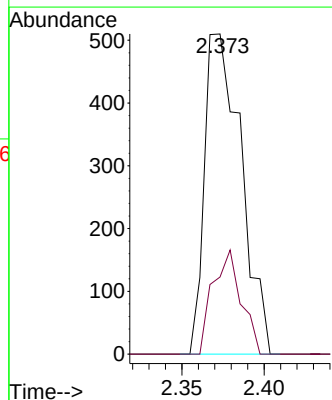
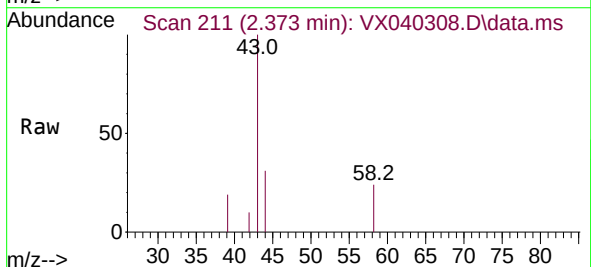
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240214

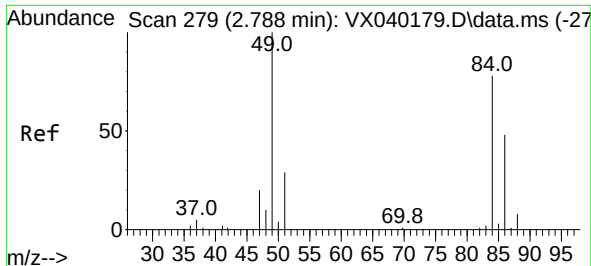
Tgt Ion:168 Resp: 68893
Ion Ratio Lower Upper
168 100
99 53.9 56.6 85.0#



#16
Acetone
Concen: 1.872 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 24.1 21.9 32.9

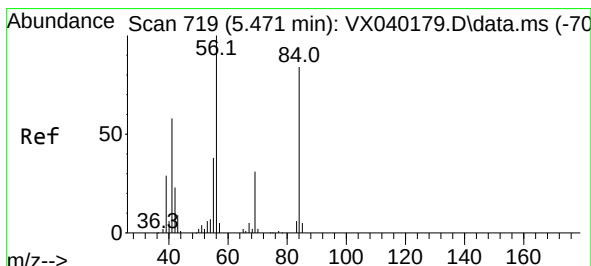
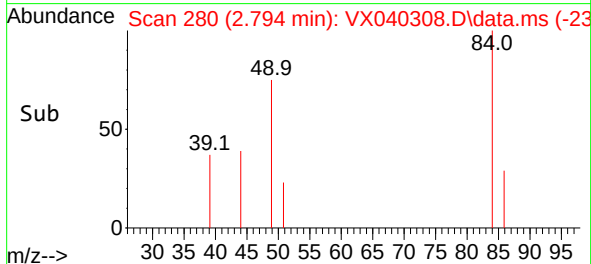
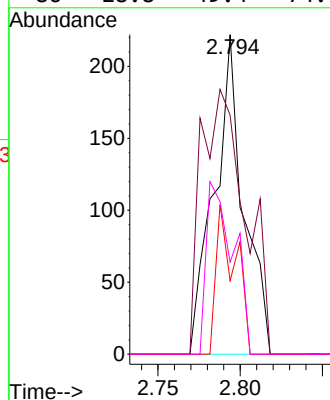
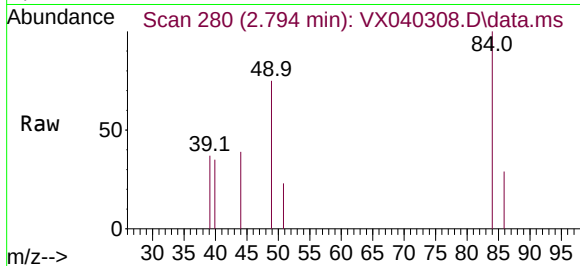




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

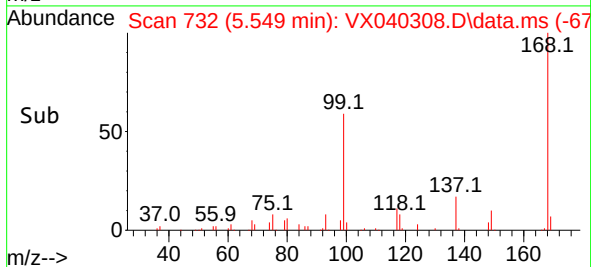
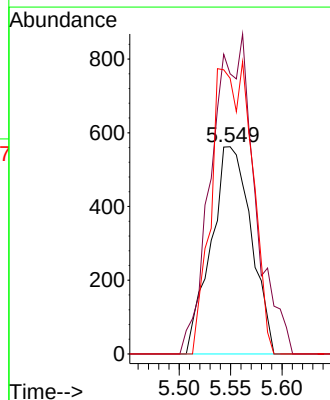
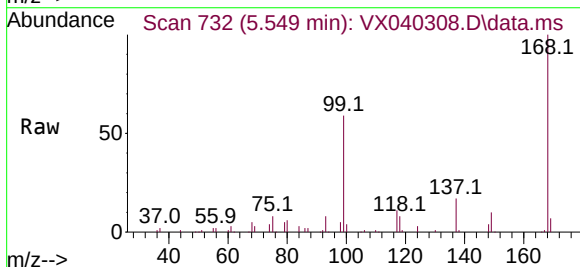
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240214

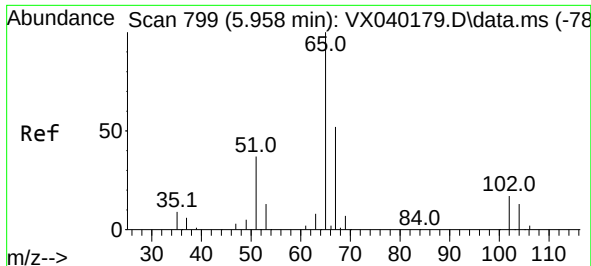
Tgt Ion: 84	Resp:	277	
Ion	Ratio	Lower	Upper
84	100		
49	74.8	103.6	155.4#
51	23.0	33.8	50.6#
86	28.8	49.4	74.0#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

Tgt Ion: 56	Resp:	1525	
Ion Ratio	Lower	Upper	
56	100		
69	135.2	23.4	35.2#
84	133.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.180 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040308.D

Acq: 17 Feb 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

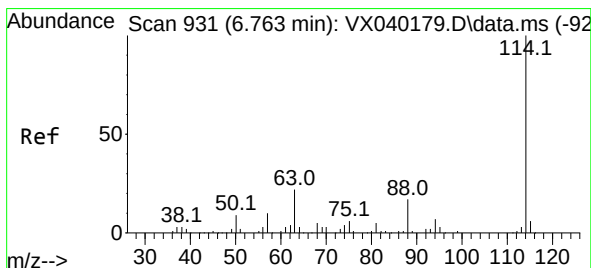
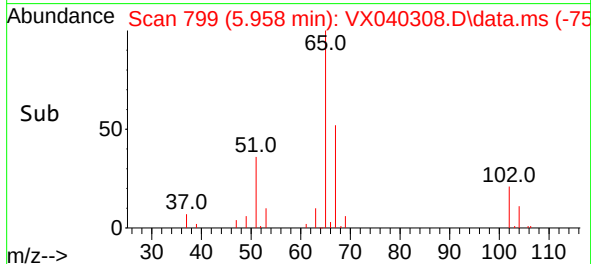
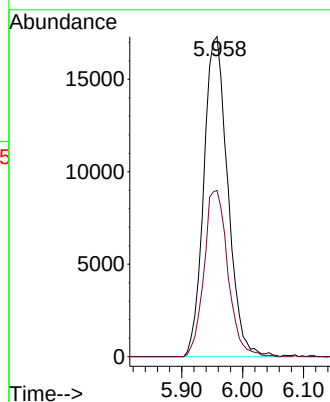
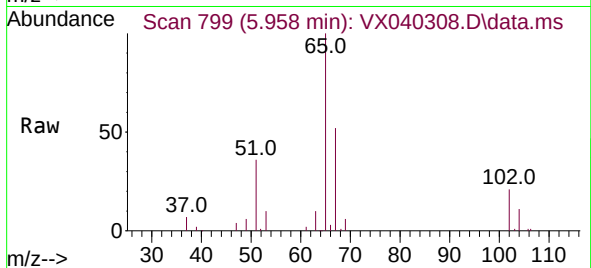
BP-VPB-195-TB-20240214

Tgt Ion: 65 Resp: 47331

Ion Ratio Lower Upper

65 100

67 51.7 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: VX040308.D

Acq: 17 Feb 2024 17:26

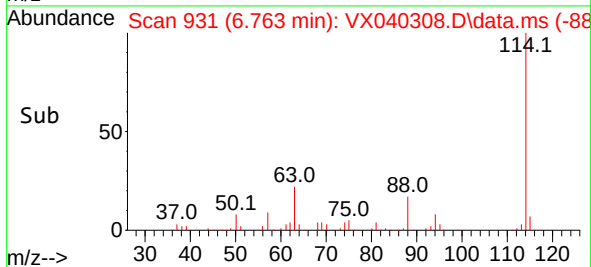
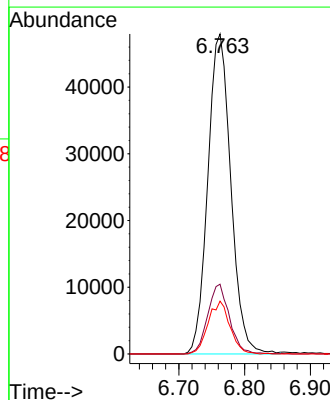
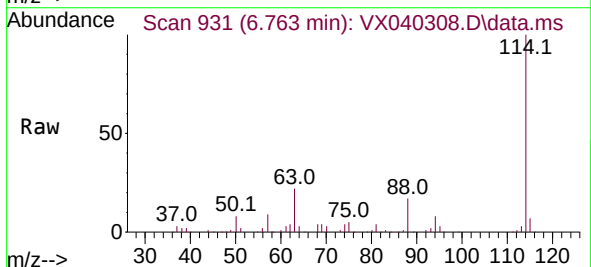
Tgt Ion: 114 Resp: 116802

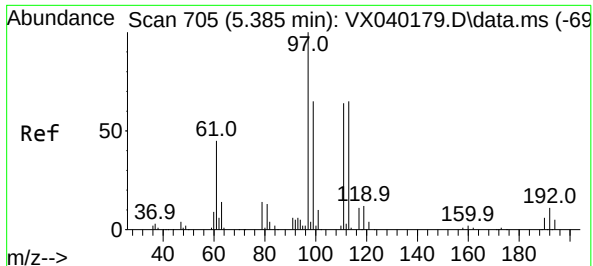
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 16.5 0.0 36.6

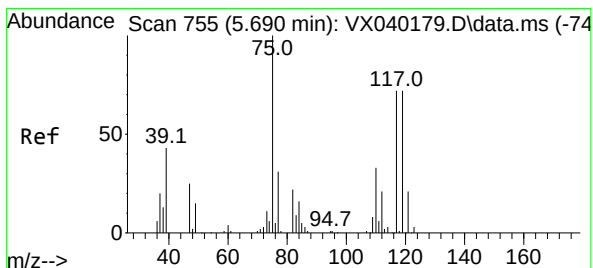
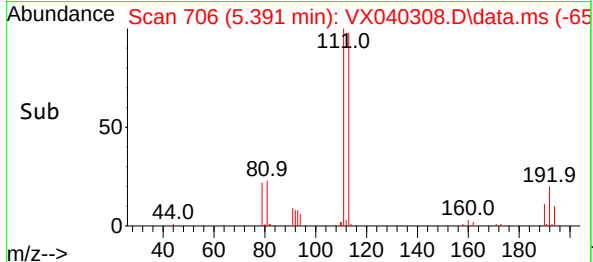
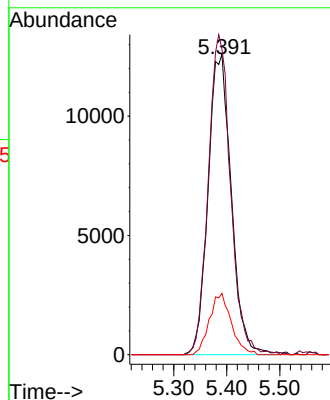
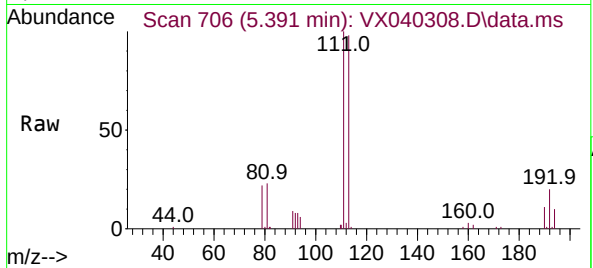




#35
Dibromofluoromethane
Concen: 46.787 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

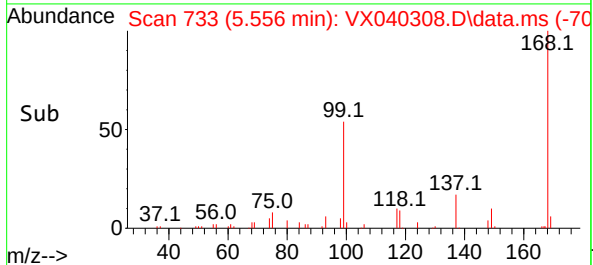
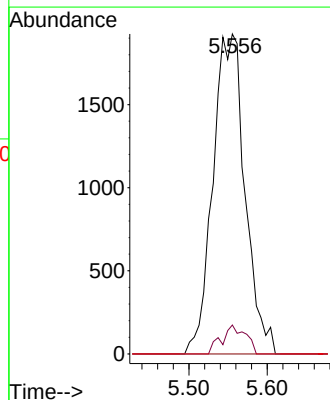
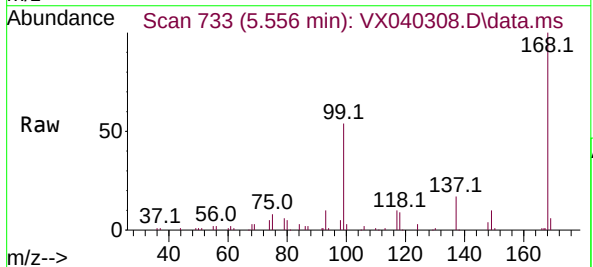
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240214

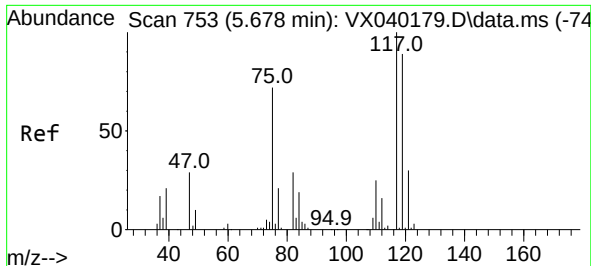
Tgt Ion:113 Resp: 38163
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

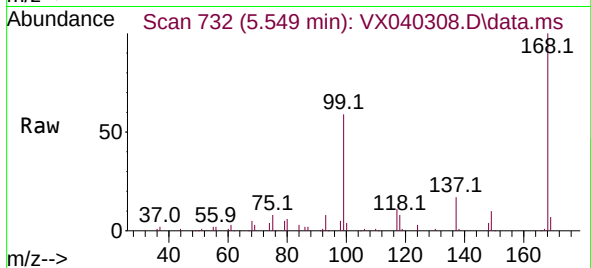
Tgt Ion: 75 Resp: 5479
Ion Ratio Lower Upper
75 100
110 6.7 17.0 50.9#
77 0.0 24.7 37.1#



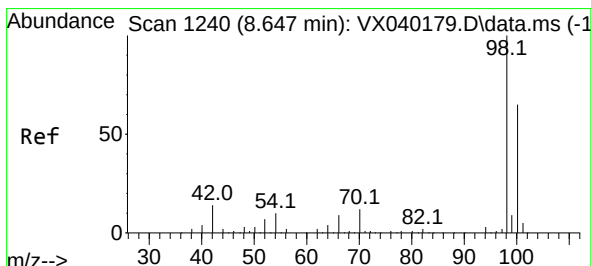
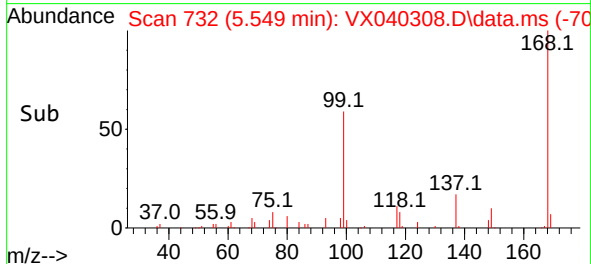
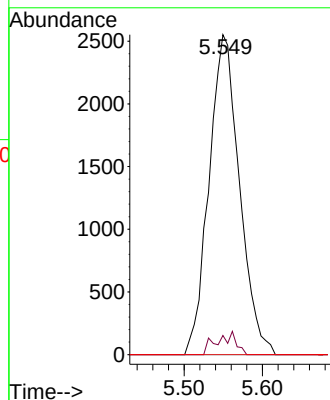


#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240214

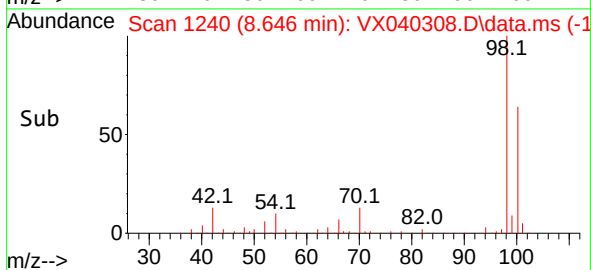
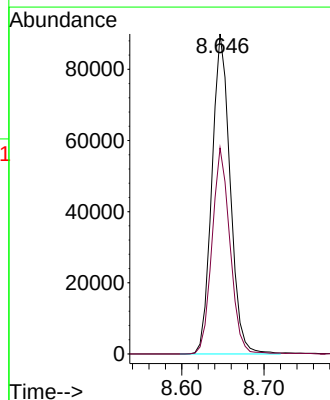
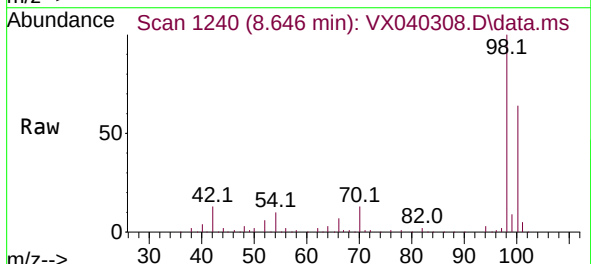


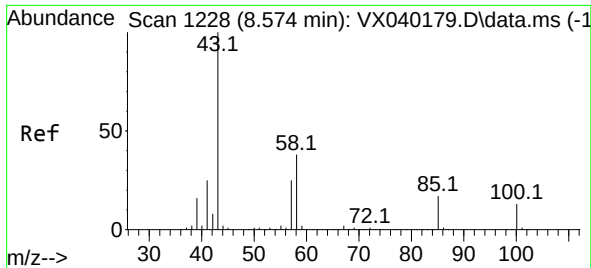
Tgt Ion:117 Resp: 6897
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.549 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

Tgt Ion: 98 Resp: 138980
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

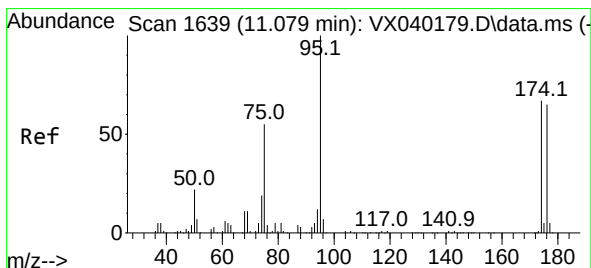
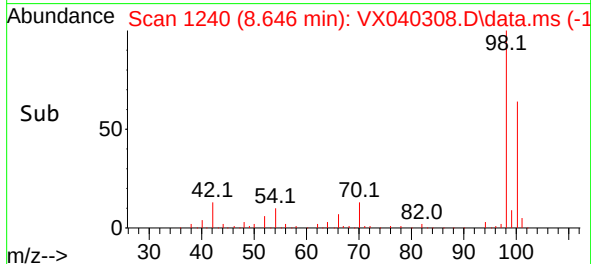
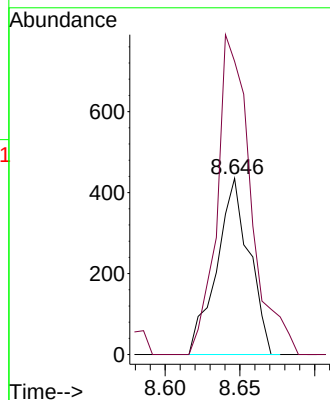
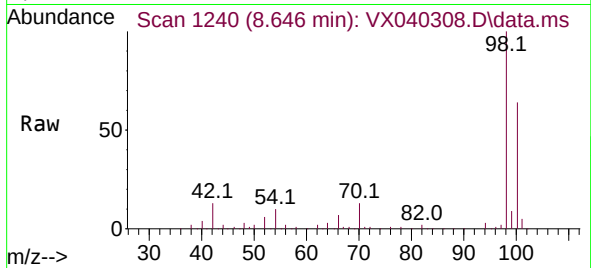




#51
4-Methyl-2-Pentanone
Concen: 0.487 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.072 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

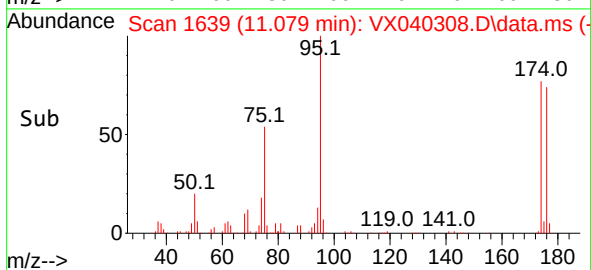
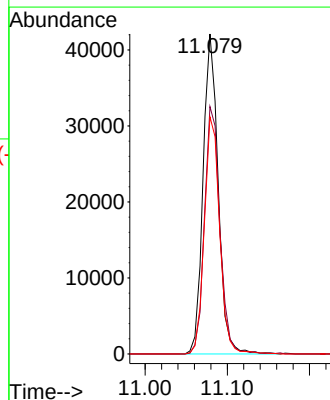
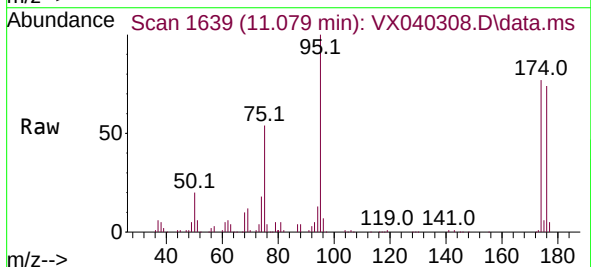
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ClientSampleId :
BP-VPB-195-TB-20240214

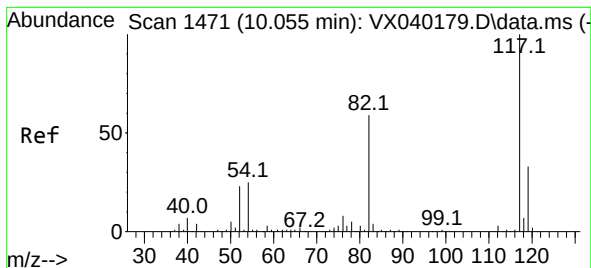
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 187.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040308.D
Acq: 17 Feb 2024 17:26

Tgt Ion: 95 Resp: 53719
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 75.2 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: VX040308.D

Acq: 17 Feb 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240214

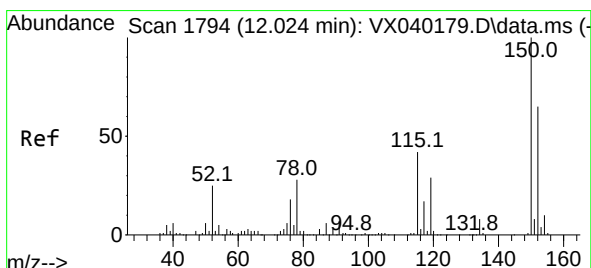
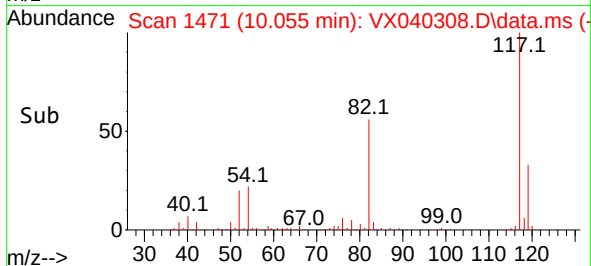
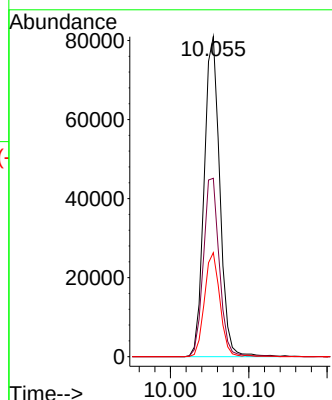
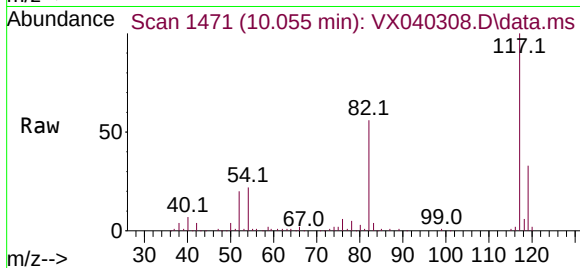
Tgt Ion:117 Resp: 111926

Ion Ratio Lower Upper

117 100

82 55.8 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: VX040308.D

Acq: 17 Feb 2024 17:26

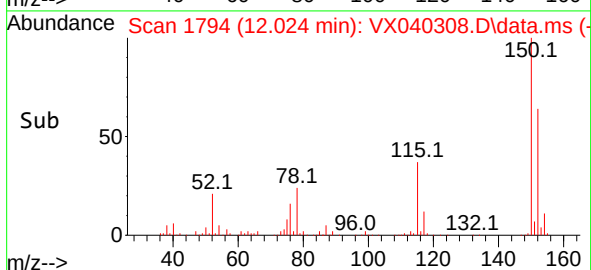
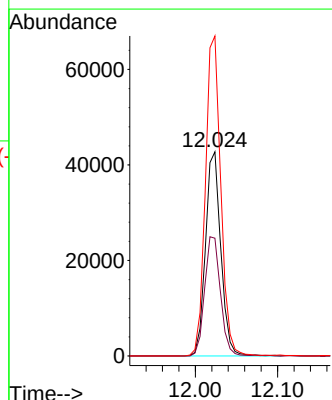
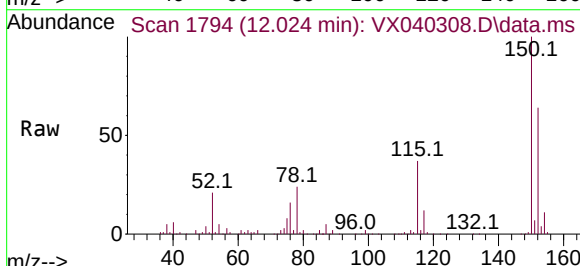
Tgt Ion:152 Resp: 55371

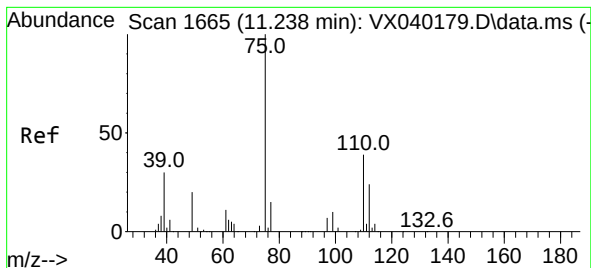
Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.580 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040308.D

Acq: 17 Feb 2024 17:26

Instrument :

MSVOA_X

ClientSampleId :

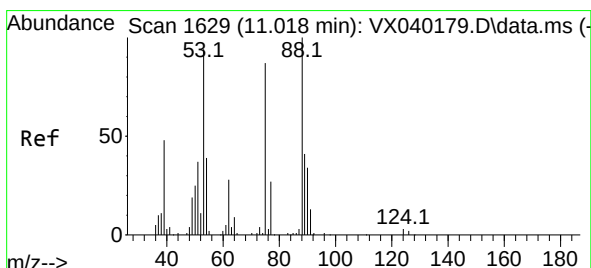
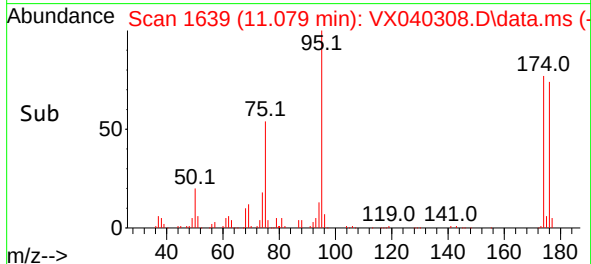
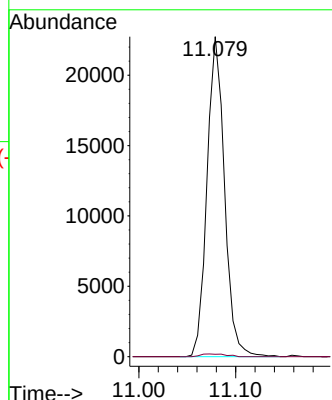
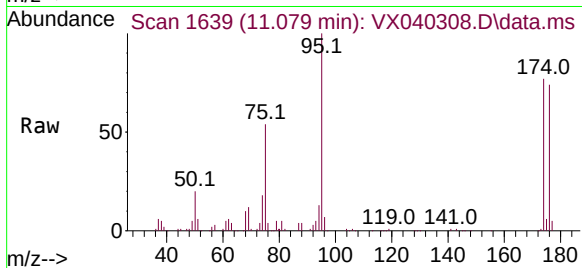
BP-VPB-195-TB-20240214

Tgt Ion: 75 Resp: 28683

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.283 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040308.D

Acq: 17 Feb 2024 17:26

Tgt Ion: 75 Resp: 28683

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

