

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040310.D
 Acq On : 17 Feb 2024 18:12
 Operator : JC/MD
 Sample : P1509-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-TB-20240213

Quant Time: Feb 19 04:00:17 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)

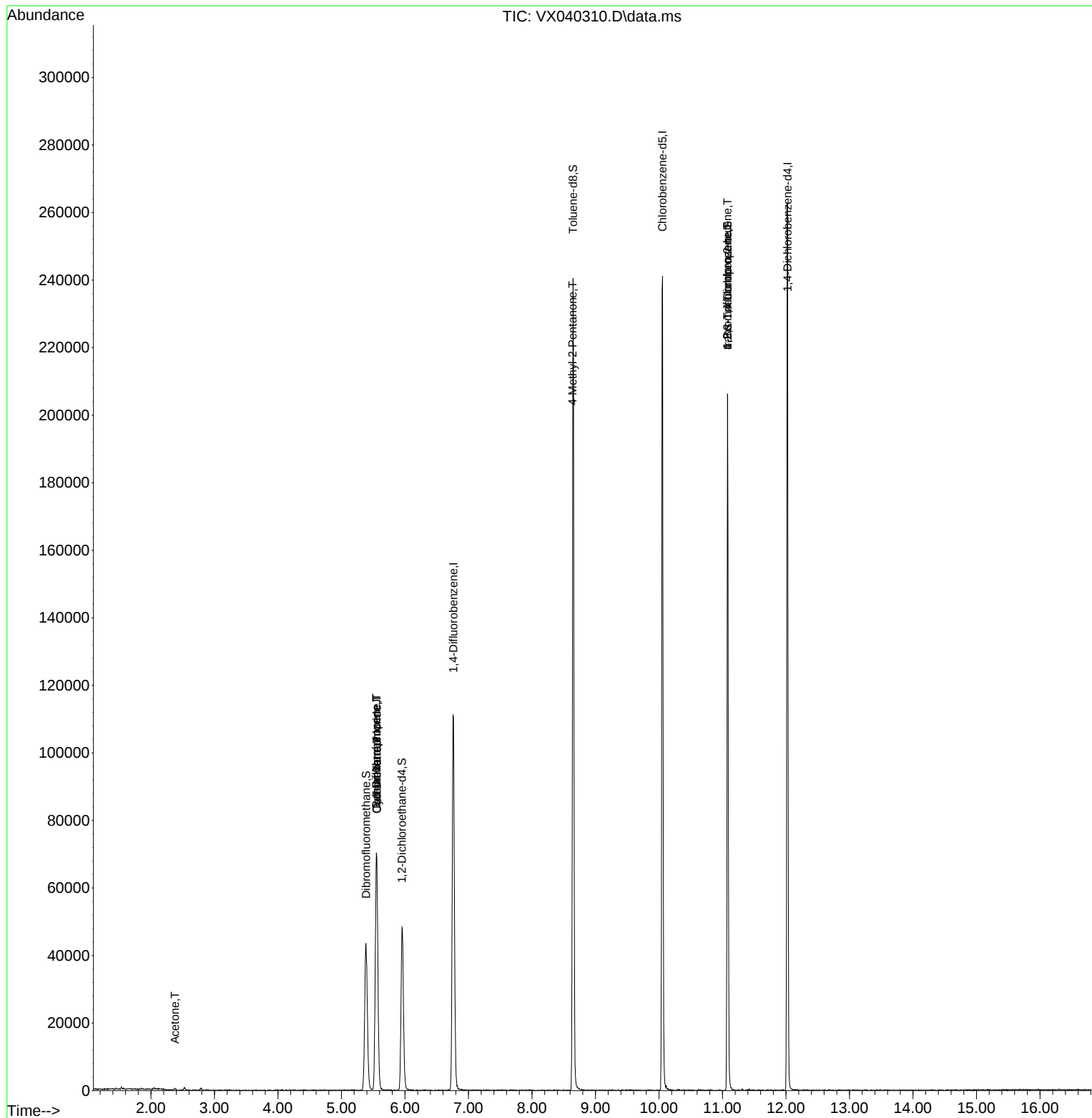
Internal Standards						
1) Pentafluorobenzene	5.550	168	67635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	114365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	46824	46.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.385	113	38451	48.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	8.647	98	140160	46.915	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.820%
62) 4-Bromofluorobenzene	11.079	95	53563	43.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.920%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	656	1.587	ug/l #	64
20) Methylene Chloride	2.788	84	328	Below Cal	#	66
31) Cyclohexane	5.556	56	1582	1.318	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5789	5.174	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6732	6.329	ug/l #	11
51) 4-Methyl-2-Pentanone	8.641	43	637	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28338	25.946	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	28338	71.237	ug/l #	5

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

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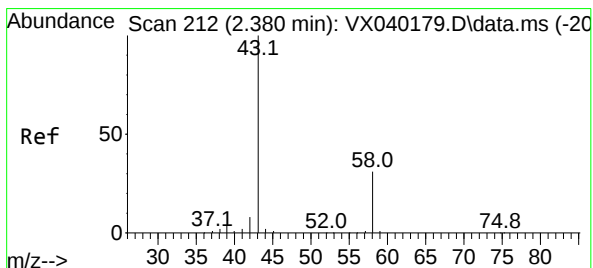
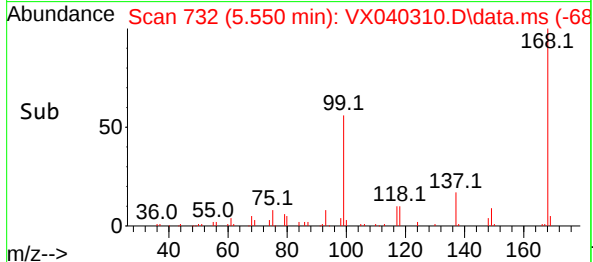
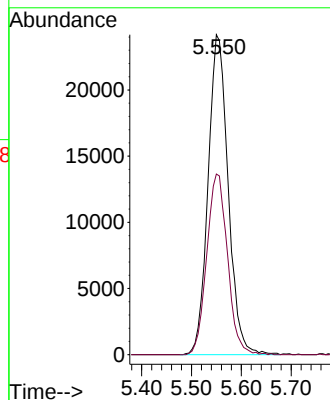
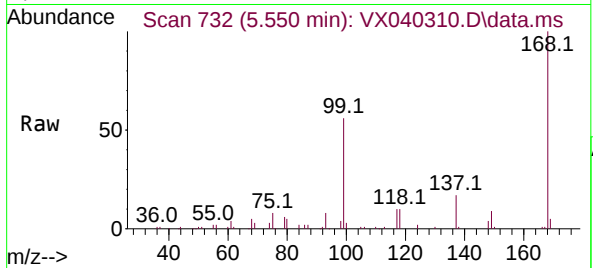




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

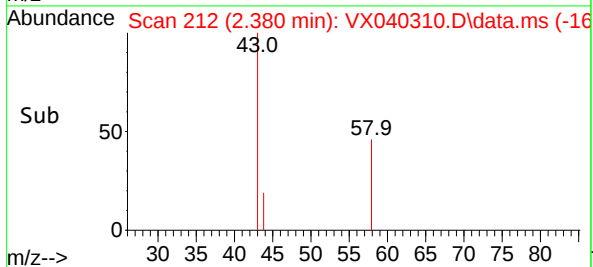
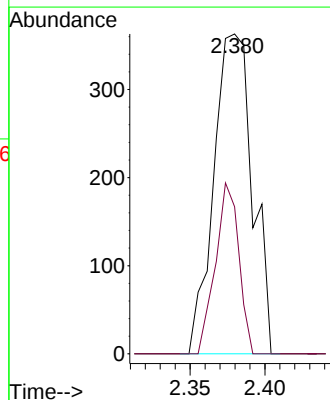
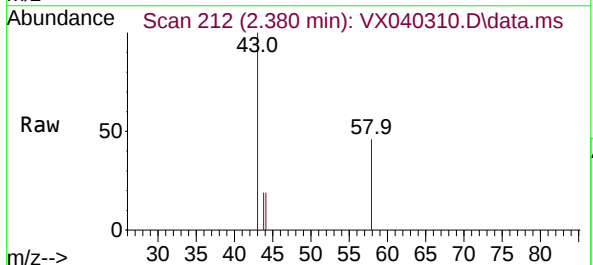
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240213

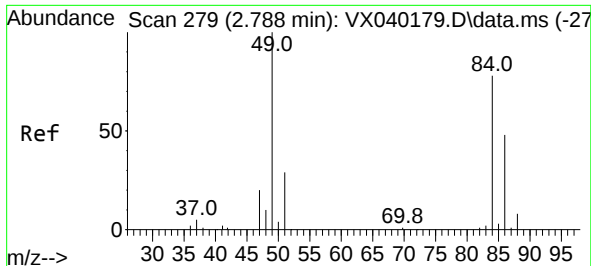
Tgt Ion:168 Resp: 67635
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#16
Acetone
Concen: 1.587 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
58 46.0 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040310.D

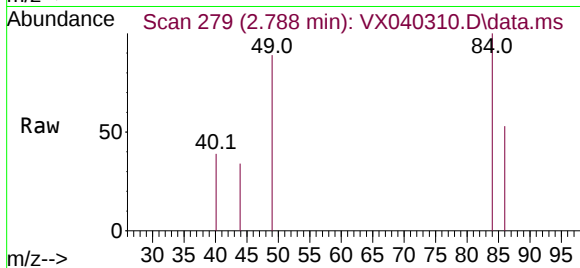
Acq: 17 Feb 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-TB-20240213



Tgt Ion: 84 Resp: 328

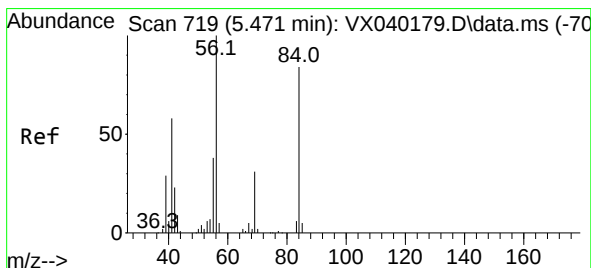
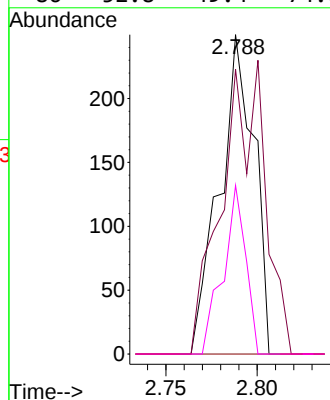
Ion Ratio Lower Upper

84 100

49 89.2 103.6 155.4#

51 0.0 33.8 50.6#

86 52.8 49.4 74.0



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX040310.D

Acq: 17 Feb 2024 18:12

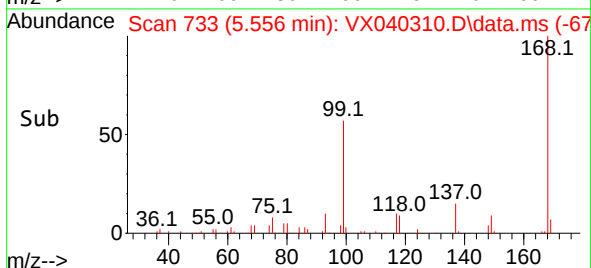
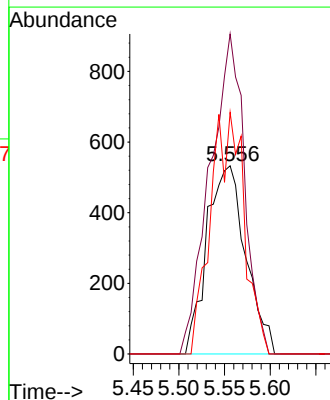
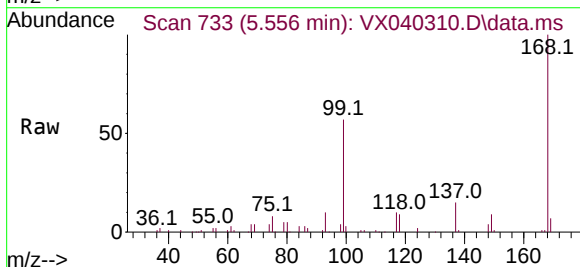
Tgt Ion: 56 Resp: 1582

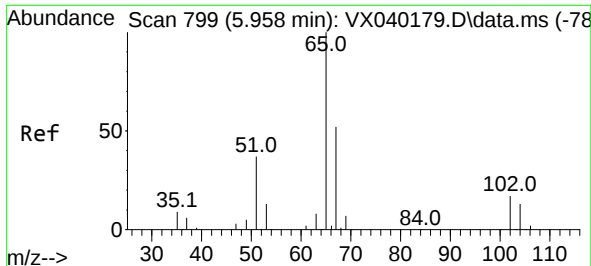
Ion Ratio Lower Upper

56 100

69 170.0 23.4 35.2#

84 128.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.535 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040310.D

Acq: 17 Feb 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

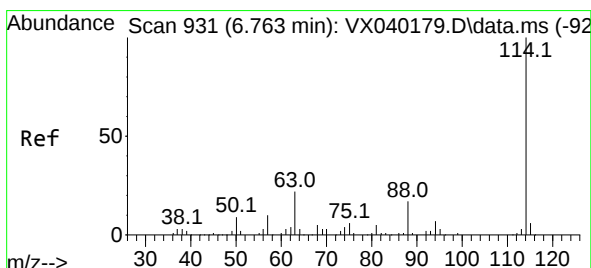
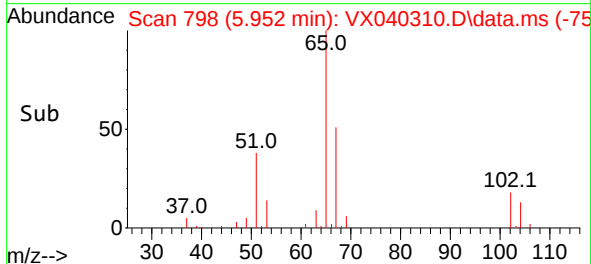
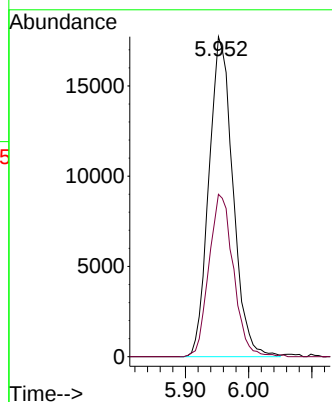
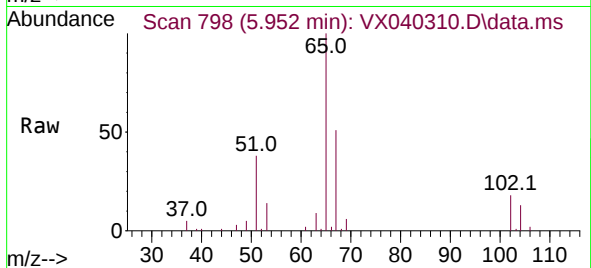
BP-VPB-191-TB-20240213

Tgt Ion: 65 Resp: 46824

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: VX040310.D

Acq: 17 Feb 2024 18:12

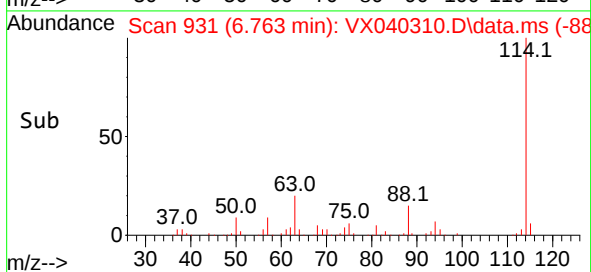
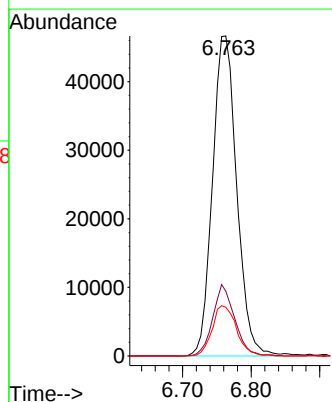
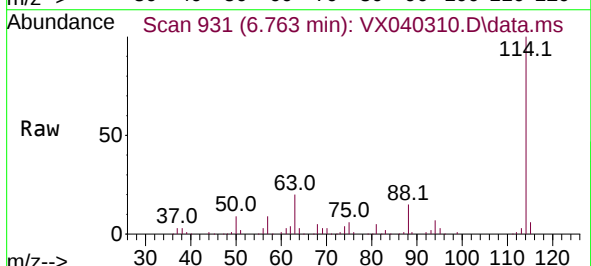
Tgt Ion: 114 Resp: 114365

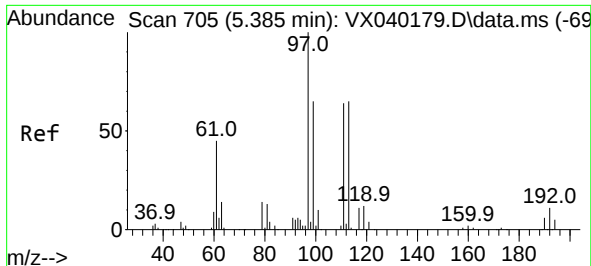
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.3 0.0 36.6

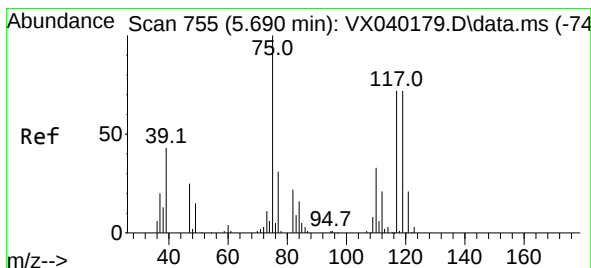
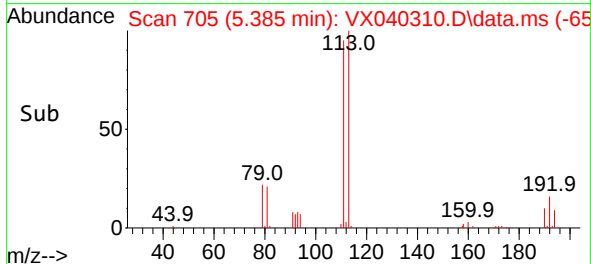
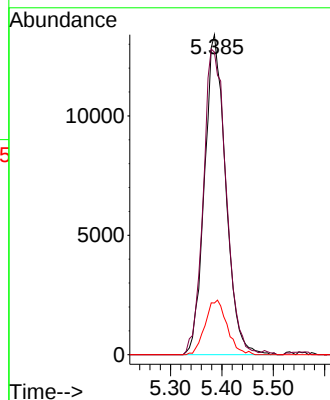
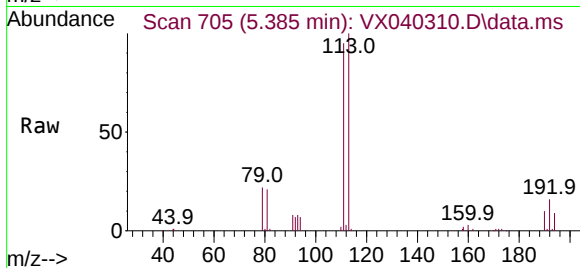




#35
Dibromofluoromethane
Concen: 48.144 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

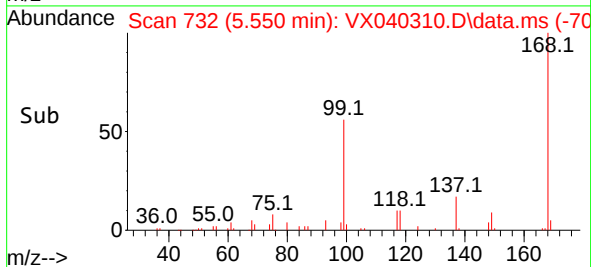
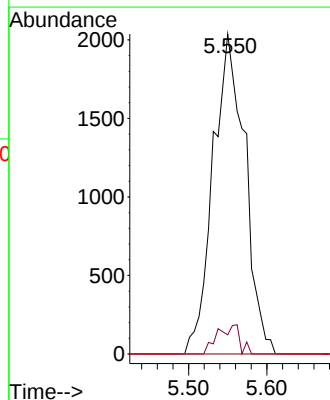
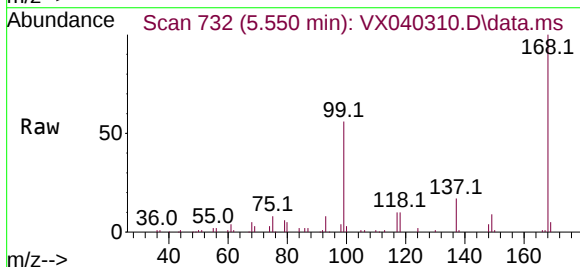
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240213

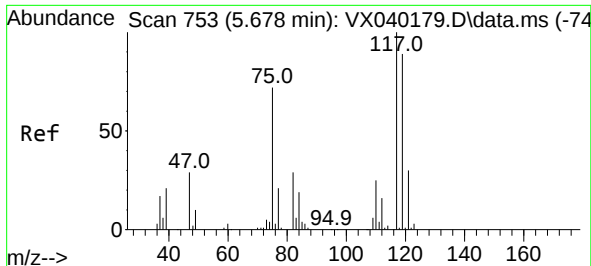
Tgt Ion:	113	Resp:	38451
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	17.7	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

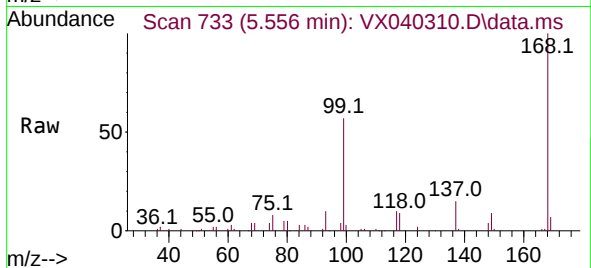
Tgt Ion:	75	Resp:	5789
Ion	Ratio	Lower	Upper
75	100		
110	6.4	17.0	50.9#
77	0.0	24.7	37.1#



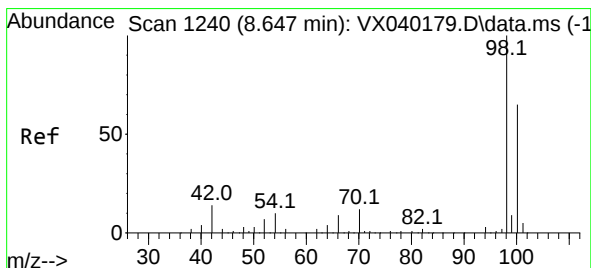
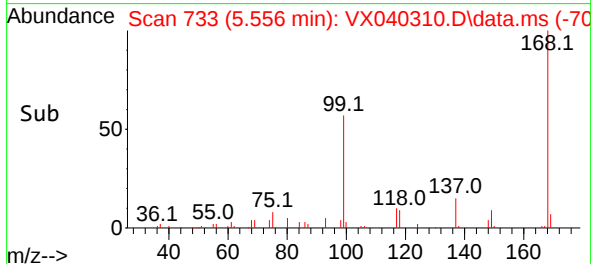
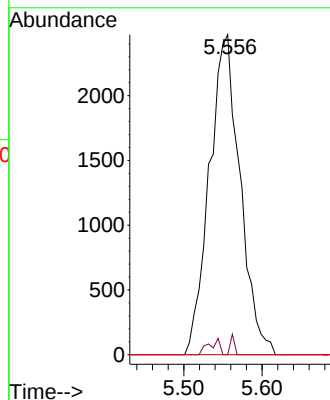


#38
Carbon Tetrachloride
Concen: 6.329 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.116 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240213

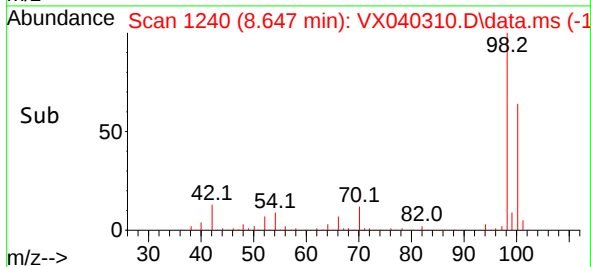
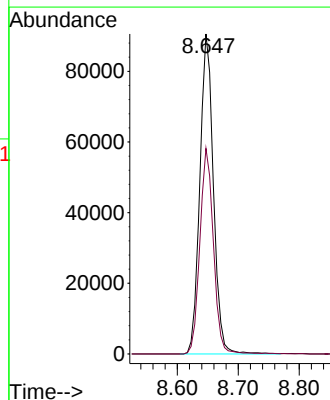
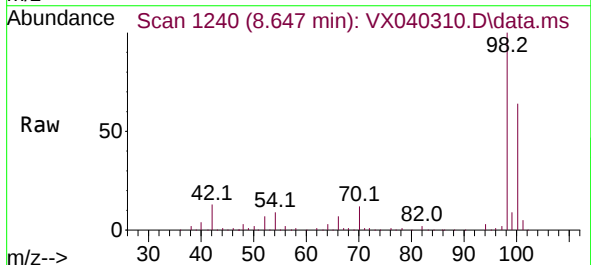


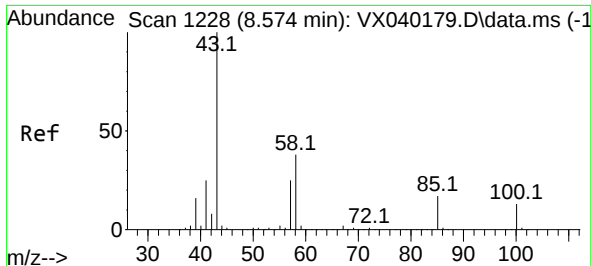
Tgt Ion:117 Resp: 6732
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.915 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

Tgt Ion: 98 Resp: 140160
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

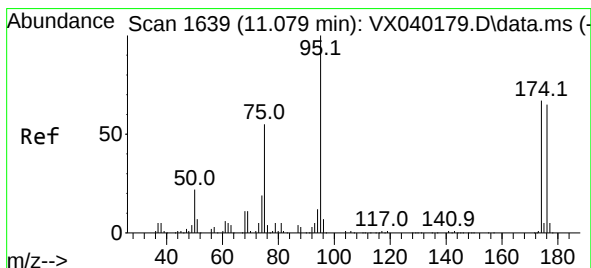
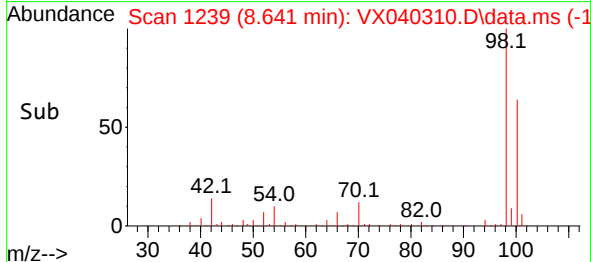
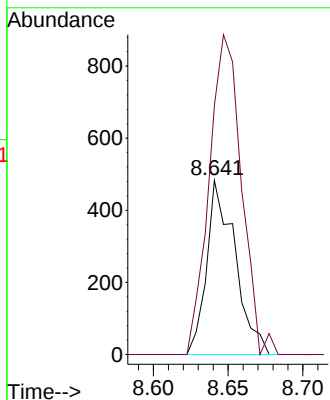
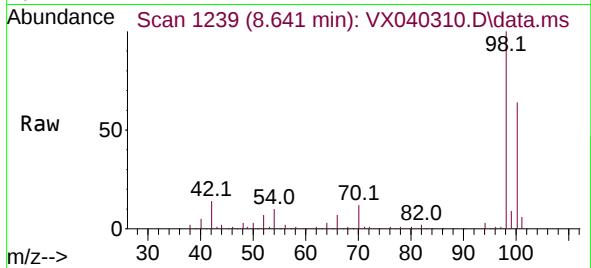




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

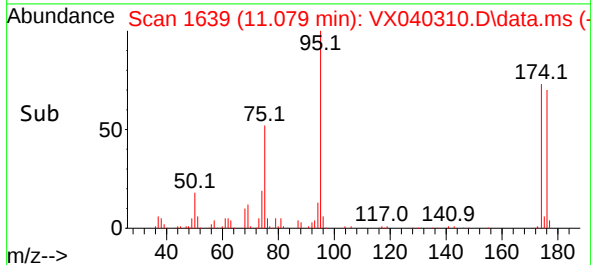
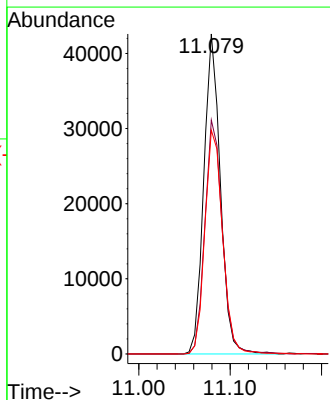
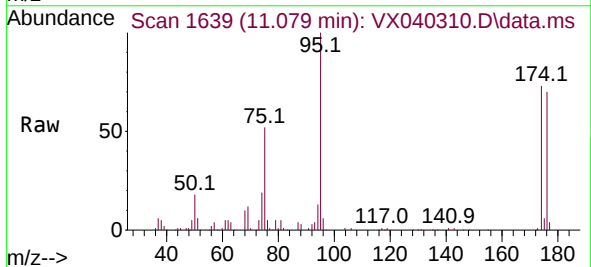
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ClientSampleId :
BP-VPB-191-TB-20240213

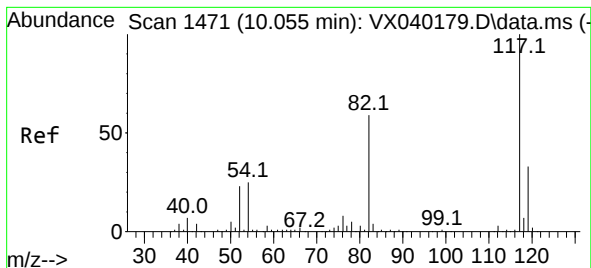
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 209.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040310.D
Acq: 17 Feb 2024 18:12

Tgt Ion: 95 Resp: 53563
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 75.0 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: VX040310.D

Acq: 17 Feb 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-TB-20240213

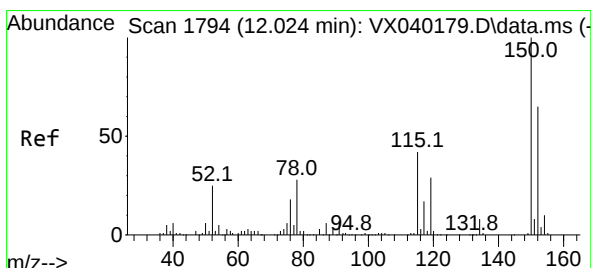
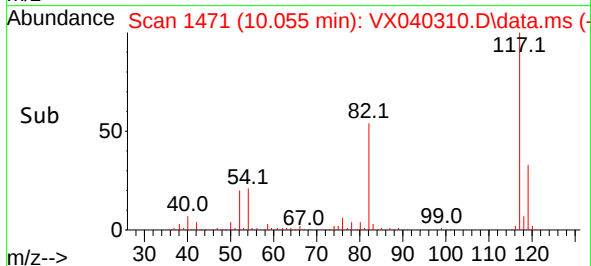
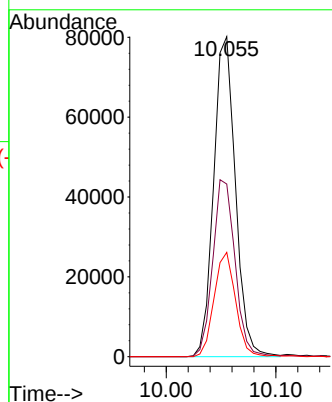
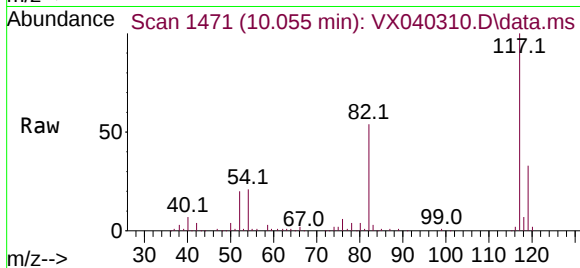
Tgt Ion:117 Resp: 110817

Ion Ratio Lower Upper

117 100

82 53.9 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: VX040310.D

Acq: 17 Feb 2024 18:12

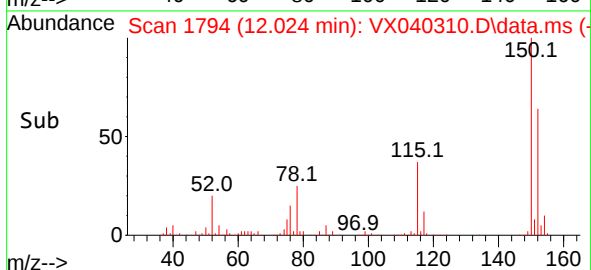
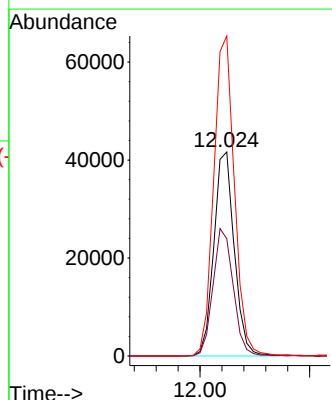
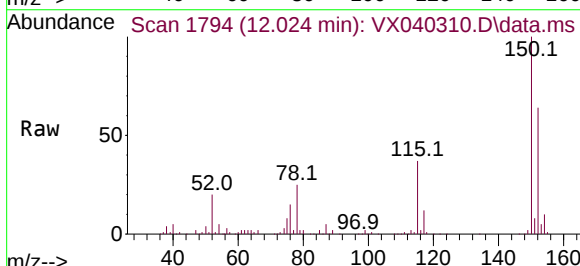
Tgt Ion:152 Resp: 53934

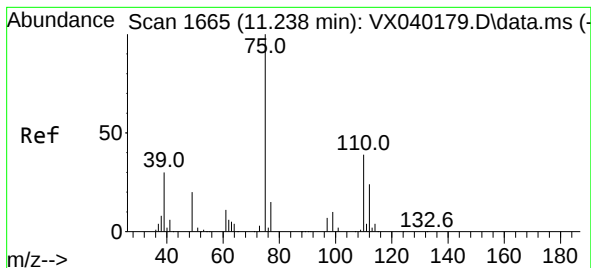
Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 158.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.946 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040310.D

Acq: 17 Feb 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

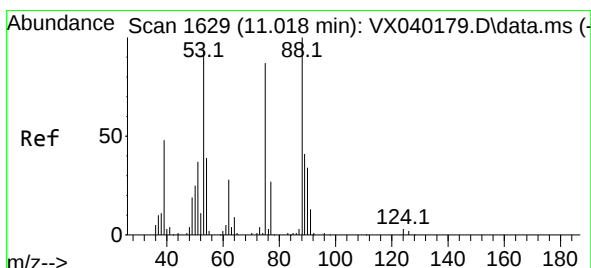
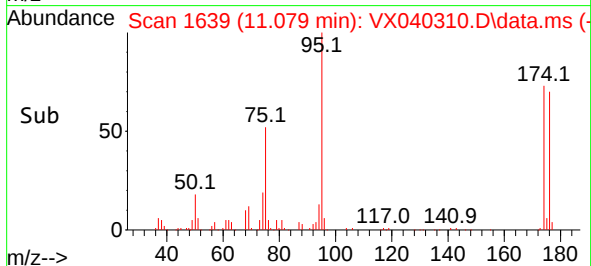
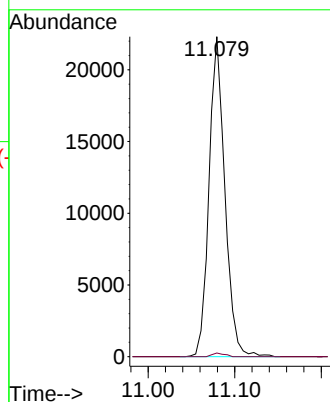
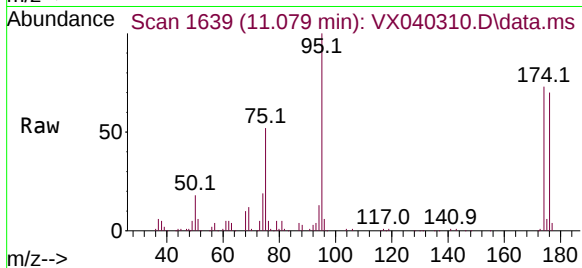
BP-VPB-191-TB-20240213

Tgt Ion: 75 Resp: 28338

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.237 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040310.D

Acq: 17 Feb 2024 18:12

Tgt Ion: 75 Resp: 28338

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

