

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042094.D
 Acq On : 28 Jun 2024 18:35
 Operator : JC/MD
 Sample : P3128-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB189-HYD-20240626

Quant Time: Jun 29 04:23:44 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)

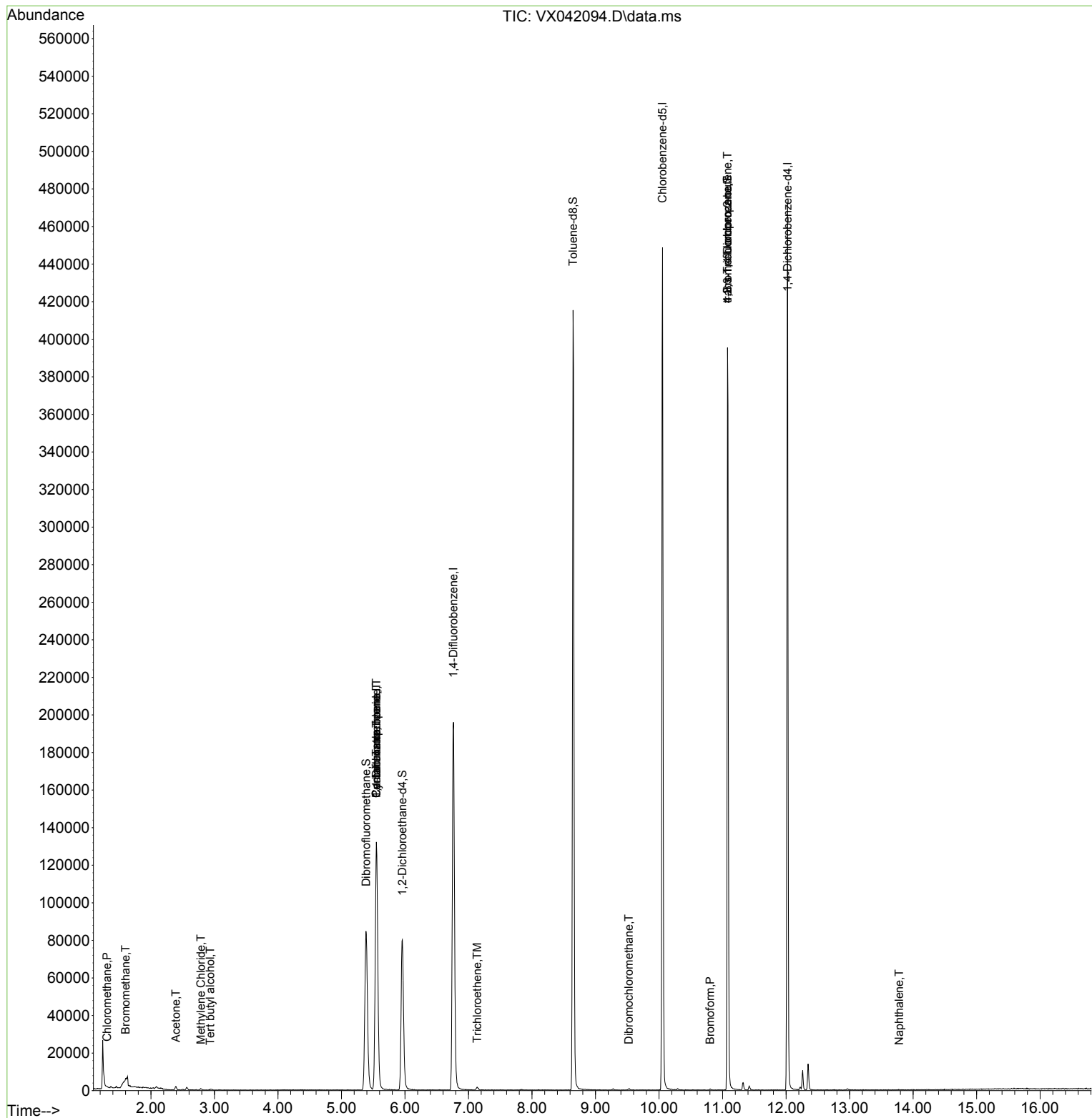
Internal Standards						
1) Pentafluorobenzene	5.550	168	146146	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	223373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76137	45.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.360%
35) Dibromofluoromethane	5.385	113	75315	47.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	8.647	98	256999	46.156	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.320%
62) 4-Bromofluorobenzene	11.079	95	106748	52.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.020%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	529	0.379	ug/l	# 87
5) Bromomethane	1.599	94	170	0.246	ug/l	# 54
6) Chloroethane	1.648	64	98	Below Cal		# 43
11) Tert butyl alcohol	2.934	59	241	0.754	ug/l	# 78
16) Acetone	2.392	43	1932	2.611	ug/l	92
20) Methylene Chloride	2.788	84	370	0.228	ug/l	# 76
31) Cyclohexane	5.550	56	2023	1.026	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7965	4.732	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12181	6.550	ug/l	# 16
44) Trichloroethene	7.135	130	729	0.479	ug/l	67
60) Dibromochloromethane	9.525	129	615	0.376	ug/l	94
71) Bromoform	10.805	173	350	1.105	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	47746	23.594	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47746	67.004	ug/l	# 5
95) Naphthalene	13.780	128	217	0.775	ug/l	# 69

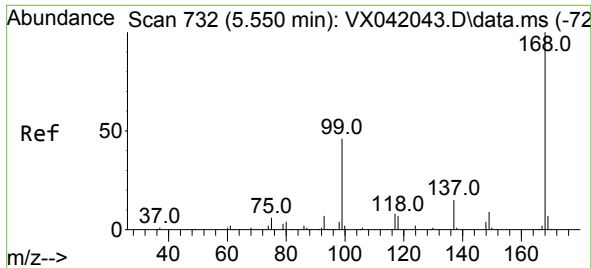
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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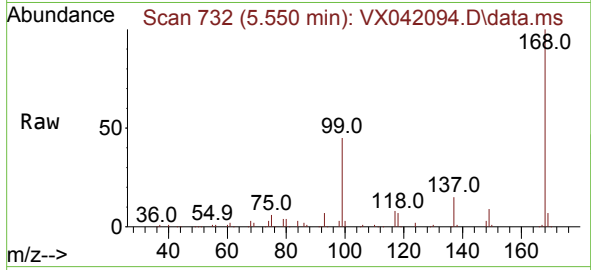
Quant Time: Jun 29 04:23:44 2024
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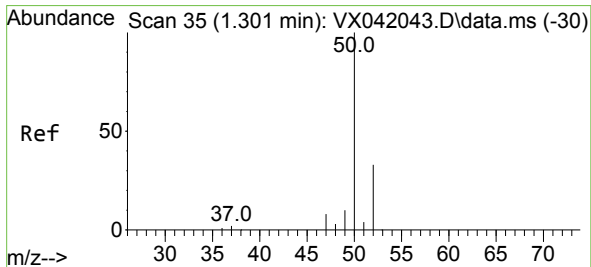
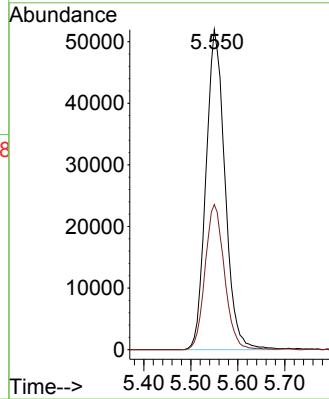
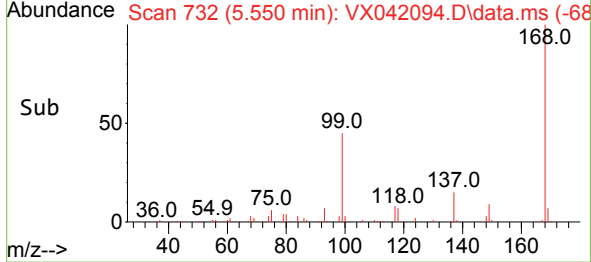


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

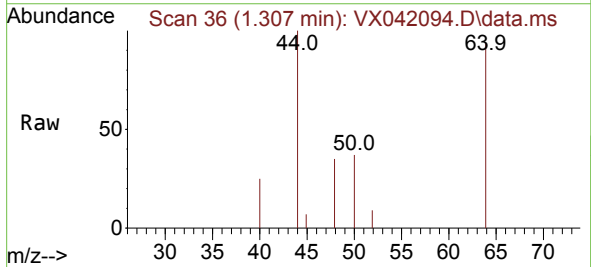
Instrument :
MSVOA_X
ClientSampleId :
VPB189-HYD-20240626



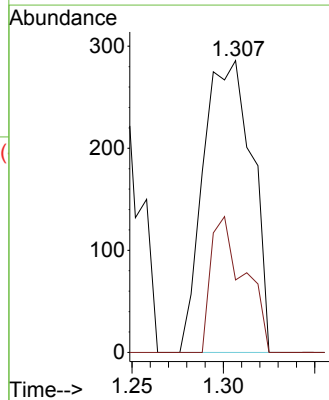
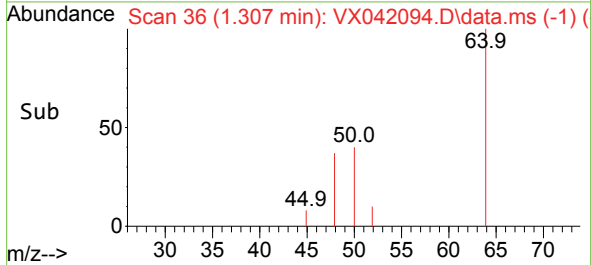
Tgt Ion:168 Resp: 146146
Ion Ratio Lower Upper
168 100
99 45.3 56.6 85.0#

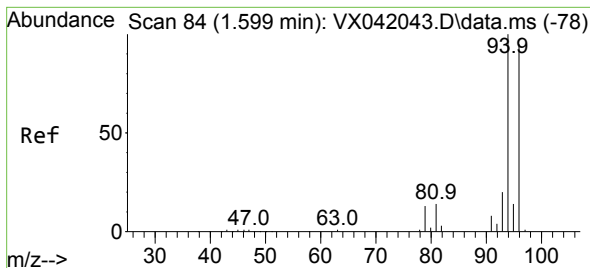


#3
Chloromethane
Concen: 0.379 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35



Tgt Ion: 50 Resp: 529
Ion Ratio Lower Upper
50 100
52 24.8 25.5 38.3#





#5

Bromomethane

Concen: 0.246 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042094.D

Acq: 28 Jun 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

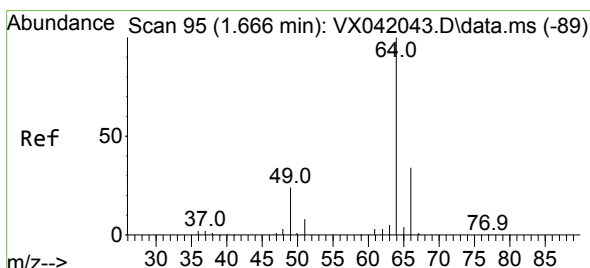
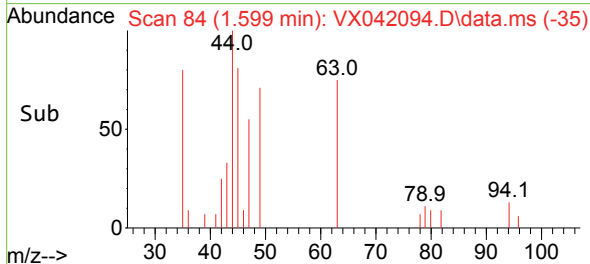
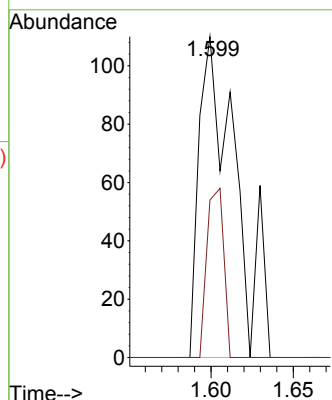
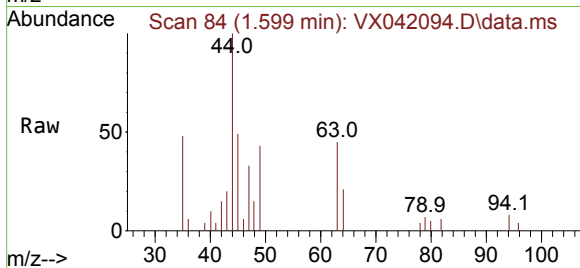
VPB189-HYD-20240626

Tgt Ion: 94 Resp: 170

Ion Ratio Lower Upper

94 100

96 49.1 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.648 min Scan# 92

Delta R.T. -0.012 min

Lab File: VX042094.D

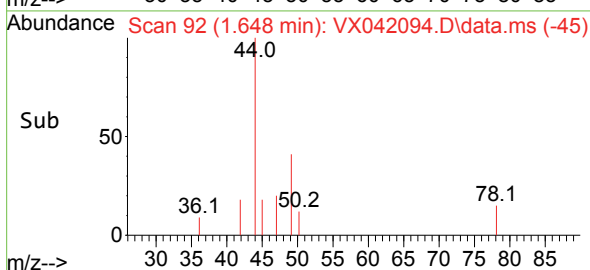
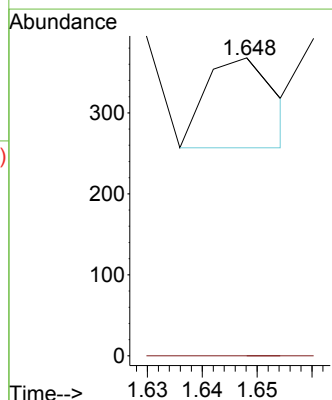
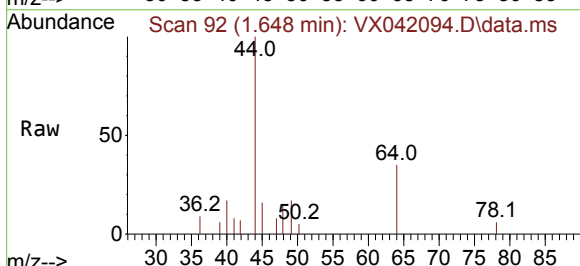
Acq: 28 Jun 2024 18:35

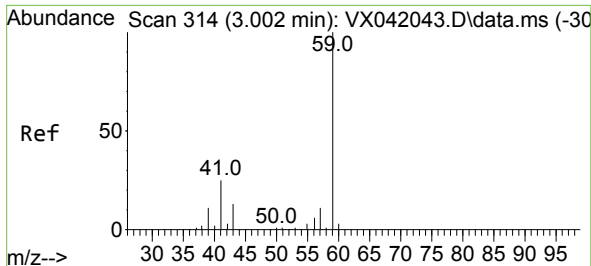
Tgt Ion: 64 Resp: 98

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.754 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX042094.D

Acq: 28 Jun 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

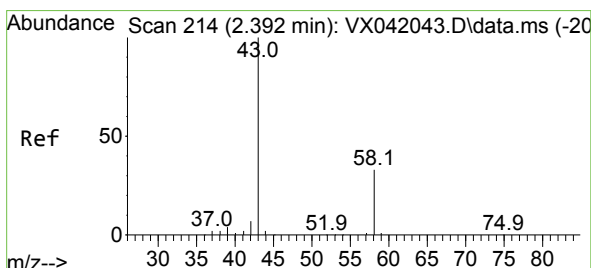
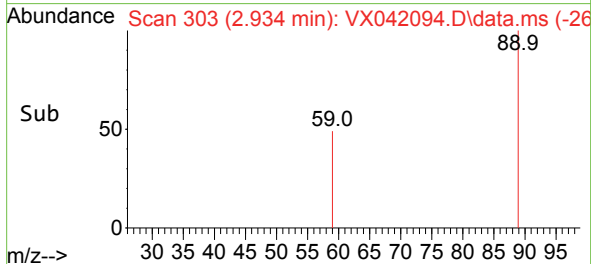
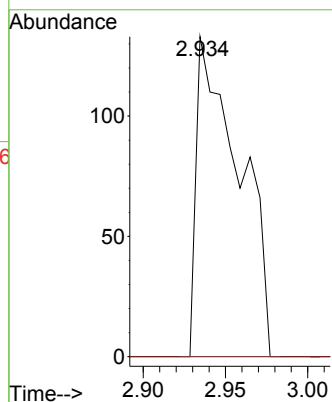
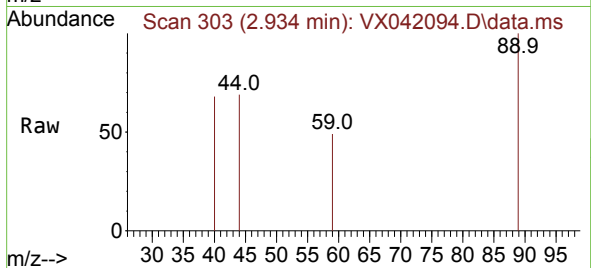
VPB189-HYD-20240626

Tgt Ion: 59 Resp: 241

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.611 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042094.D

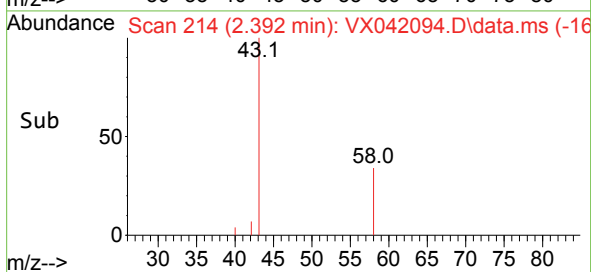
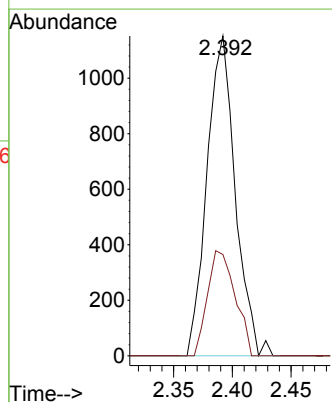
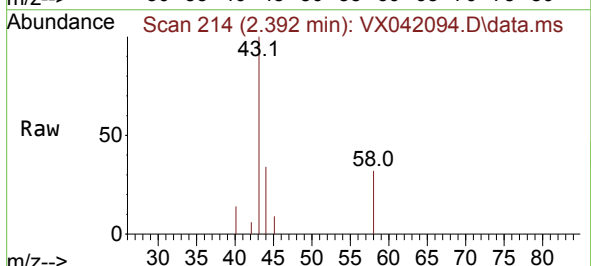
Acq: 28 Jun 2024 18:35

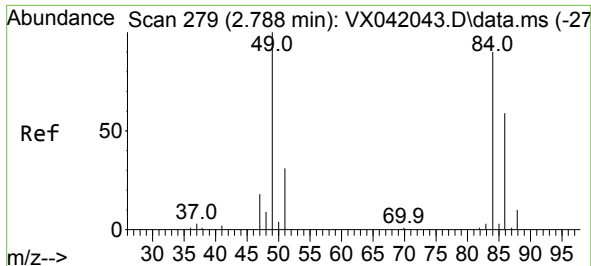
Tgt Ion: 43 Resp: 1932

Ion Ratio Lower Upper

43 100

58 31.7 21.9 32.9

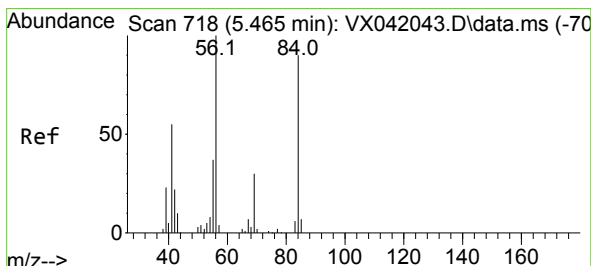
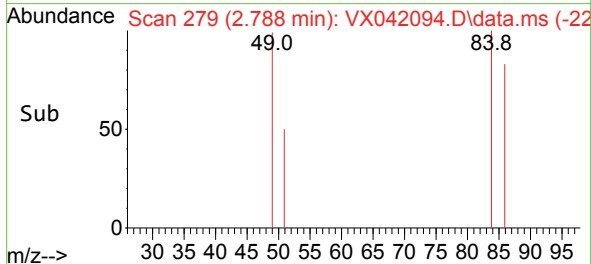
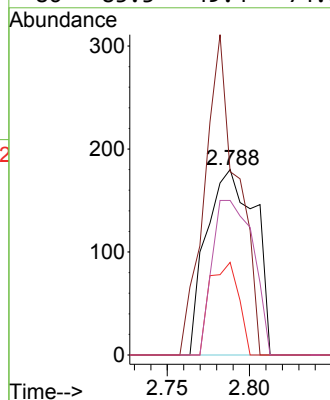
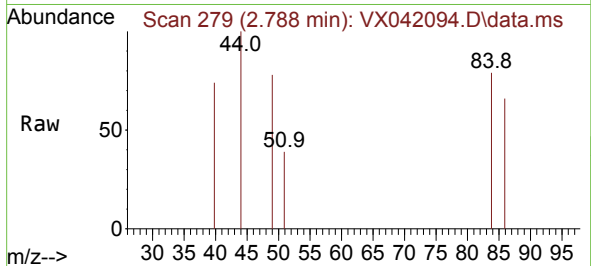




#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

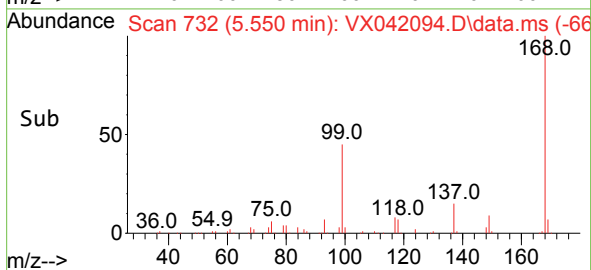
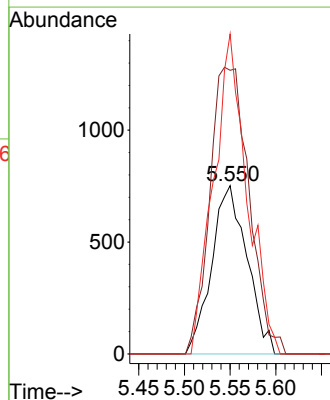
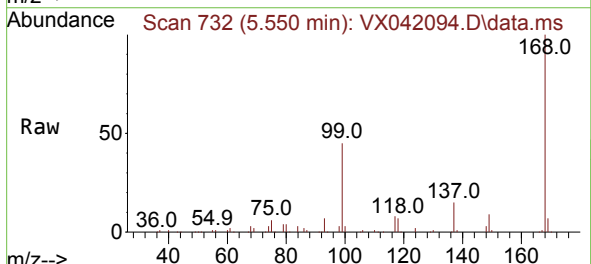
Instrument :
MSVOA_X
ClientSampleId :
VPB189-HYD-20240626

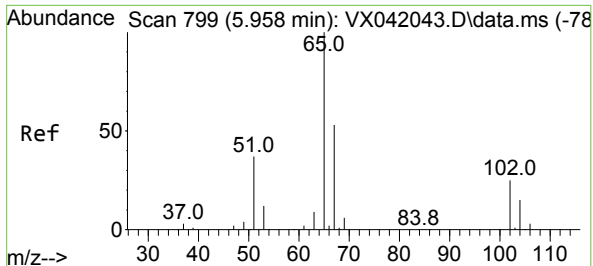
Tgt Ion: 84	Resp:	370	
Ion	Ratio	Lower	Upper
84	100		
49	98.9	103.6	155.4#
51	50.0	33.8	50.6
86	83.3	49.4	74.0#



#31
Cyclohexane
Concen: 1.026 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

Tgt Ion: 56	Resp:	2023	
Ion	Ratio	Lower	Upper
56	100		
69	168.6	23.4	35.2#
84	190.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.178 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042094.D

Acq: 28 Jun 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

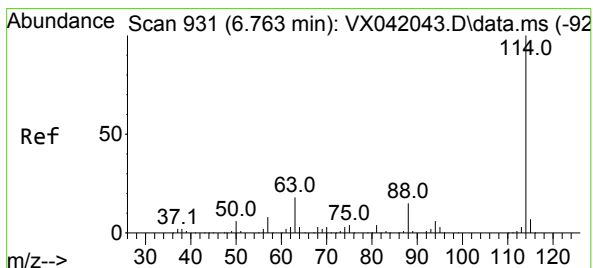
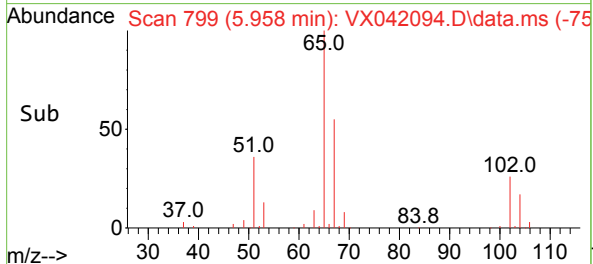
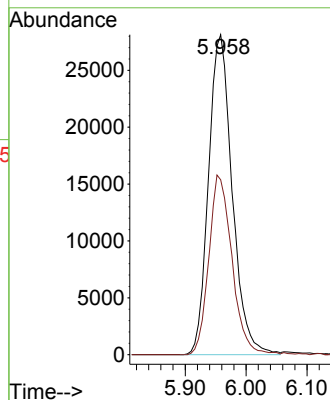
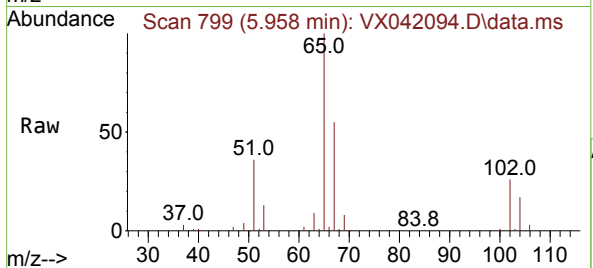
VPB189-HYD-20240626

Tgt Ion: 65 Resp: 76137

Ion Ratio Lower Upper

65 100

67 54.8 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: VX042094.D

Acq: 28 Jun 2024 18:35

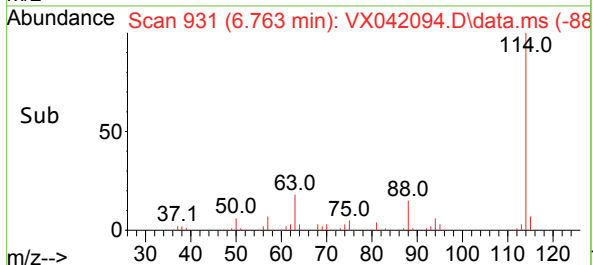
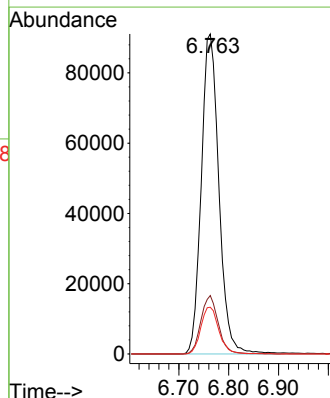
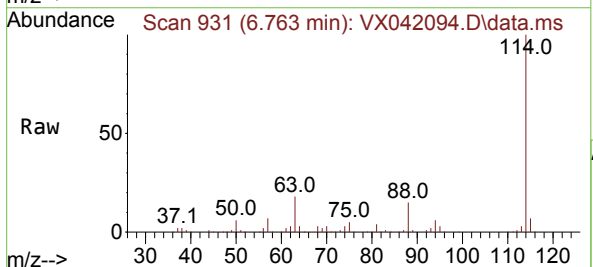
Tgt Ion: 114 Resp: 223373

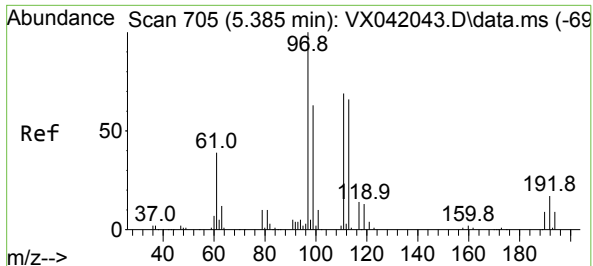
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 14.6 0.0 36.6

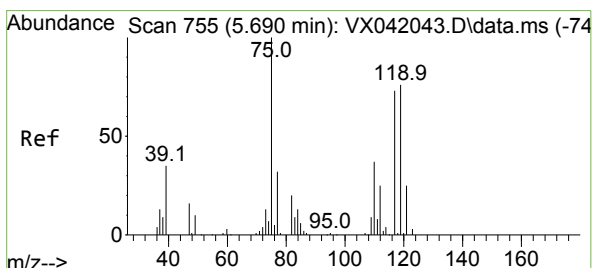
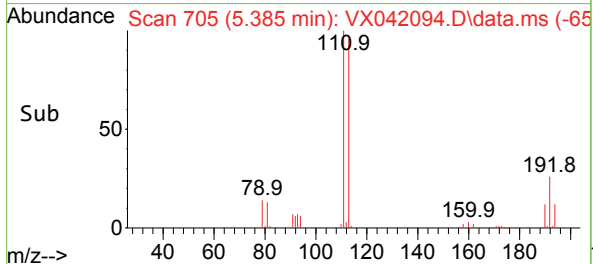
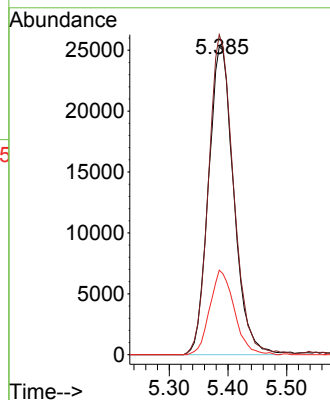
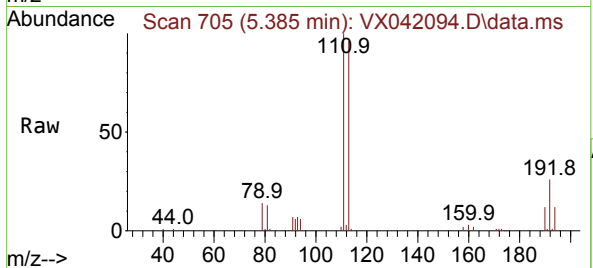




#35
Dibromofluoromethane
Concen: 47.519 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

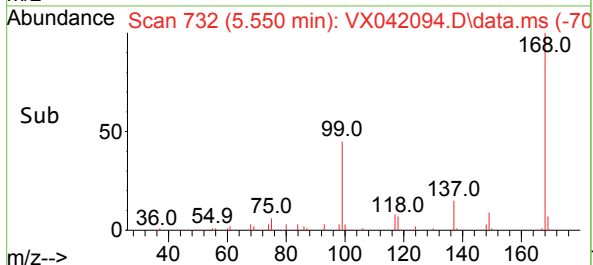
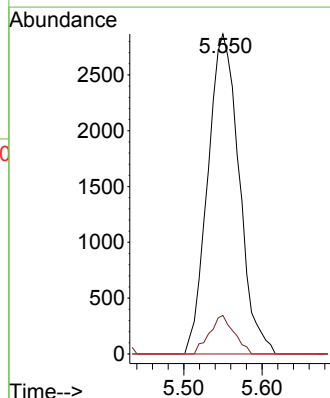
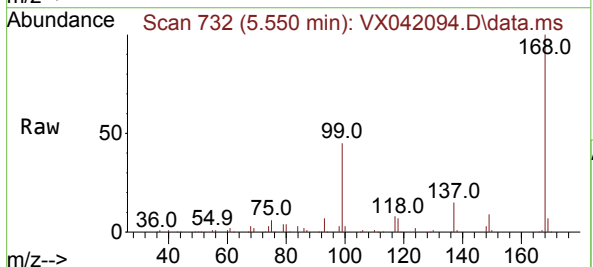
Instrument :
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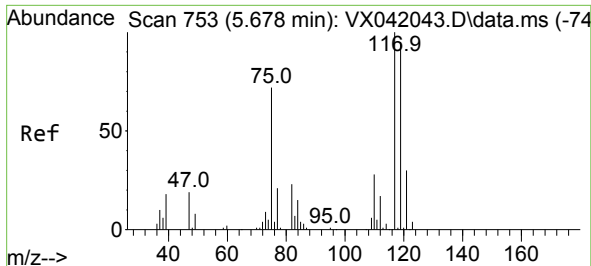
Tgt Ion:113 Resp: 75315
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 26.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

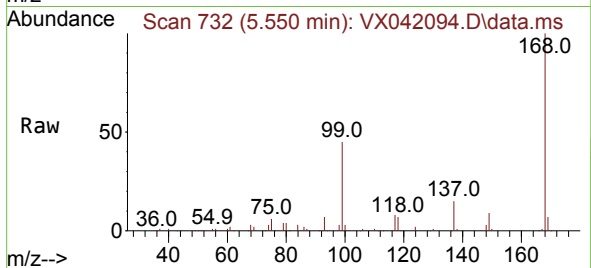
Tgt Ion: 75 Resp: 7965
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



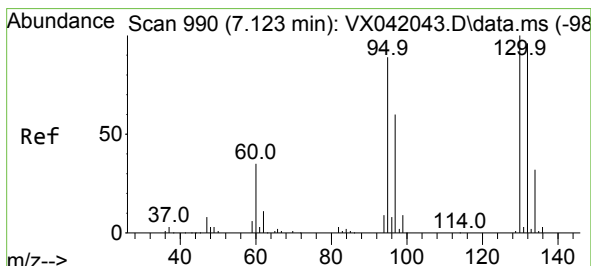
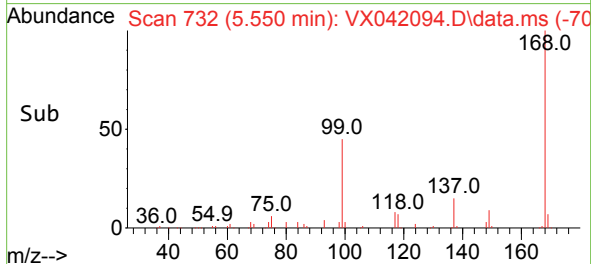
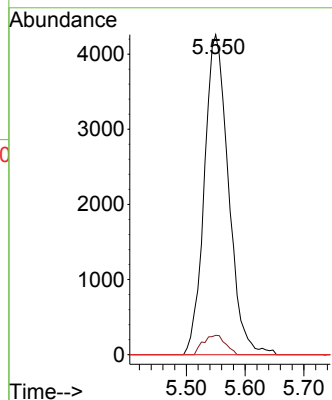


#38
Carbon Tetrachloride
Concen: 6.550 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

Instrument :
MSVOA_X
ClientSampleId :
VPB189-HYD-20240626

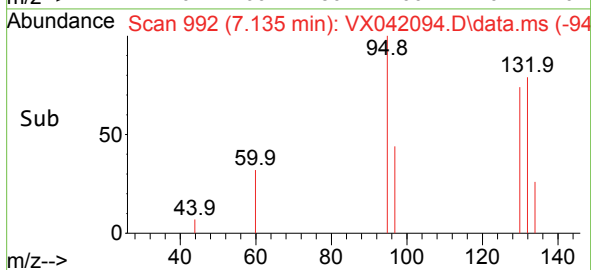
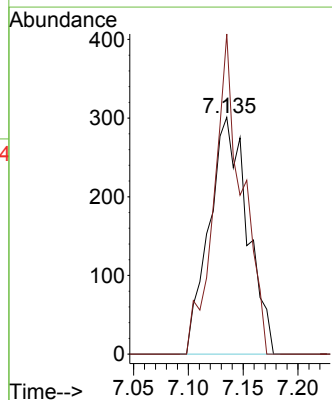
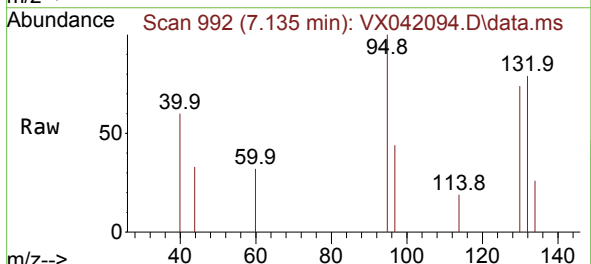


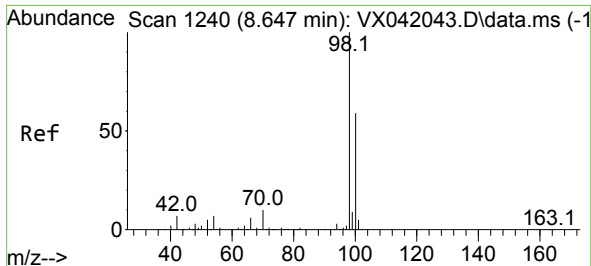
Tgt Ion:117 Resp: 12181
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.479 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

Tgt Ion:130 Resp: 729
Ion Ratio Lower Upper
130 100
95 135.2 0.0 204.4

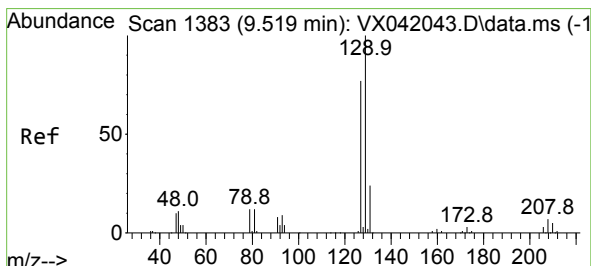
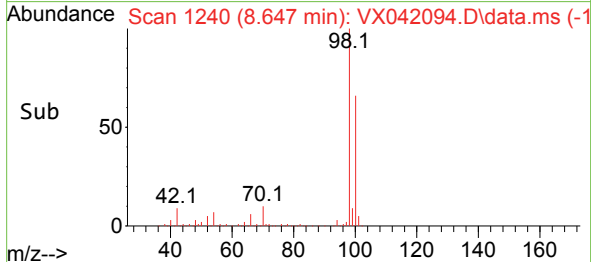
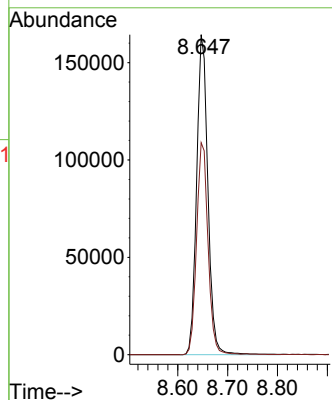
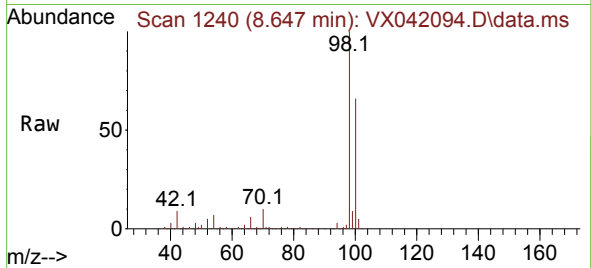




#50
Toluene-d8
Concen: 46.156 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

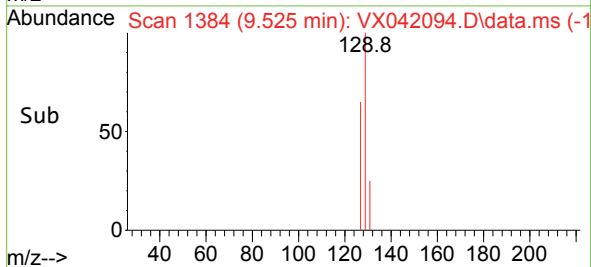
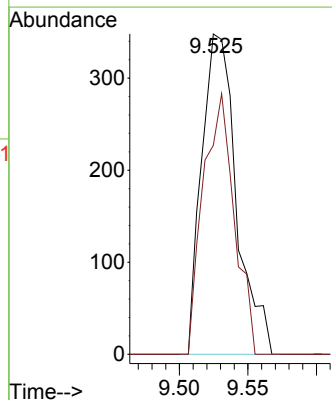
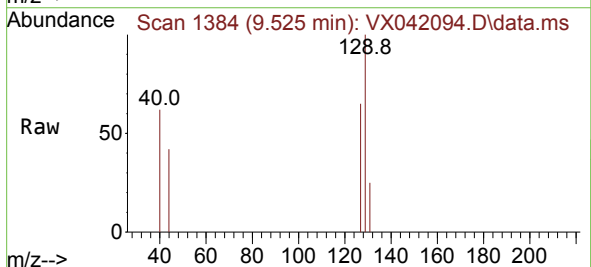
Instrument :
MSVOA_X
ClientSampleId :
VPB189-HYD-20240626

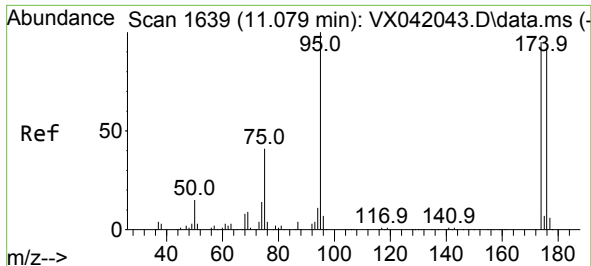
Tgt Ion: 98 Resp: 256999
Ion Ratio Lower Upper
98 100
100 67.8 53.1 79.7



#60
Dibromochloromethane
Concen: 0.376 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

Tgt Ion: 129 Resp: 615
Ion Ratio Lower Upper
129 100
127 72.5 38.8 116.4

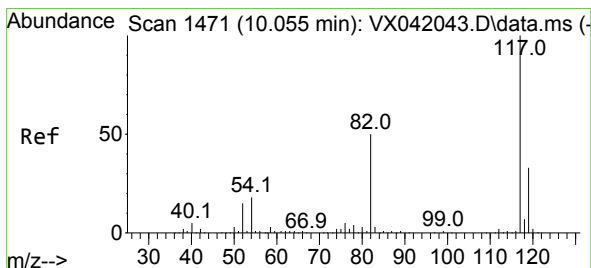
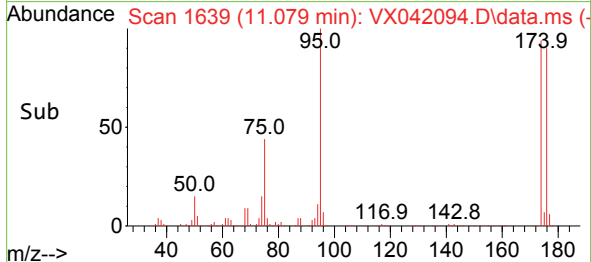
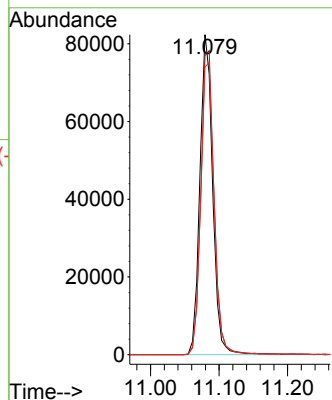
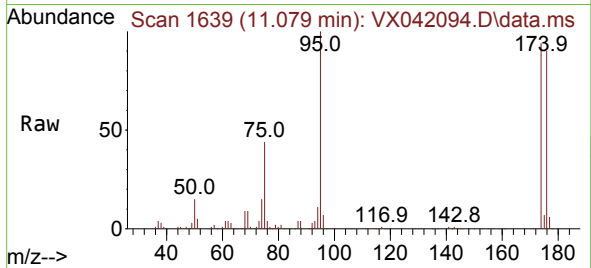




#62
4-Bromofluorobenzene
Concen: 52.009 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

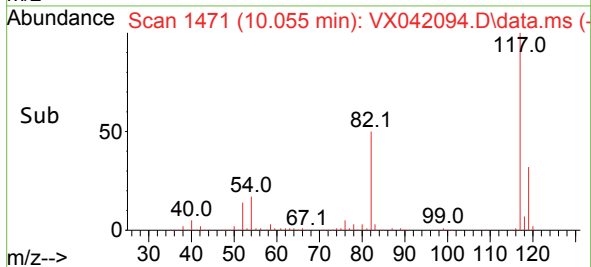
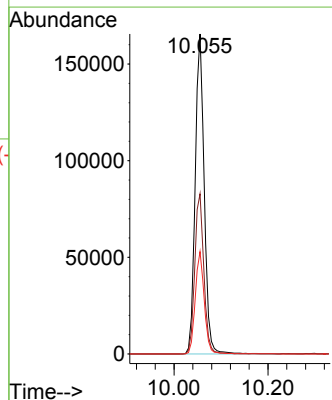
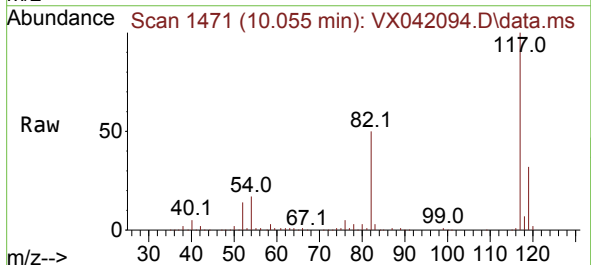
Instrument :
MSVOA_X
ClientSampleId :
VPB189-HYD-20240626

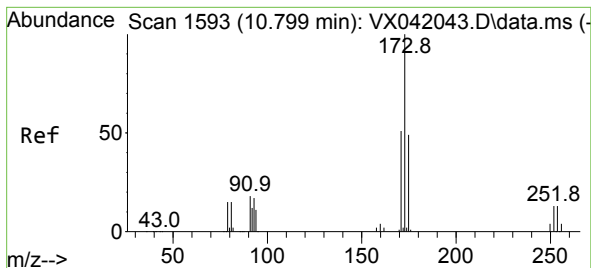
Tgt Ion: 95 Resp: 106748
Ion Ratio Lower Upper
95 100
174 99.1 0.0 135.6
176 95.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042094.D
Acq: 28 Jun 2024 18:35

Tgt Ion: 117 Resp: 222274
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.0 25.5 38.3





#71

Bromoform

Concen: 1.105 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042094.D

Acq: 28 Jun 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

VPB189-HYD-20240626

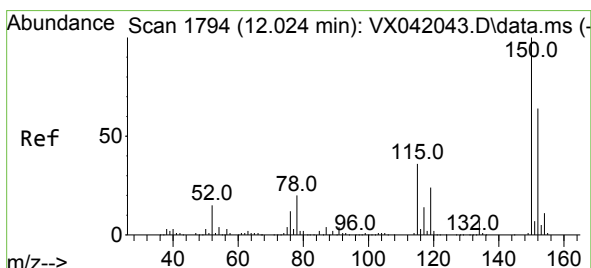
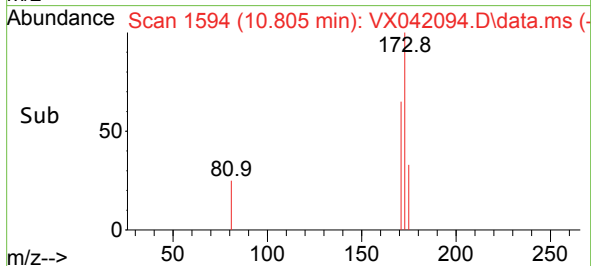
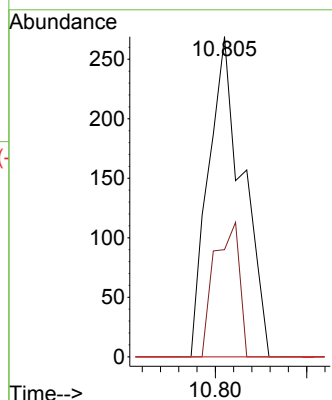
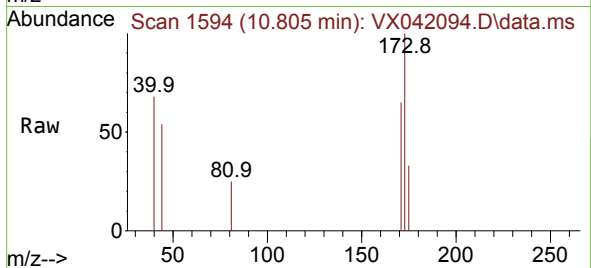
Tgt Ion:173 Resp: 350

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042094.D

Acq: 28 Jun 2024 18:35

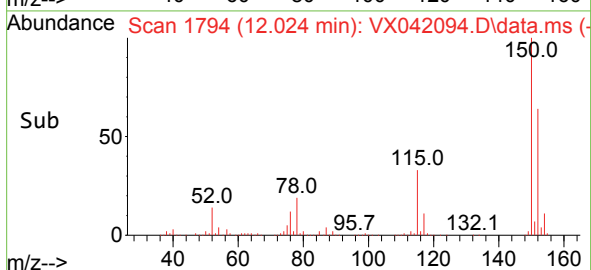
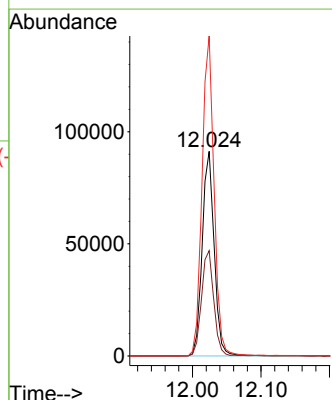
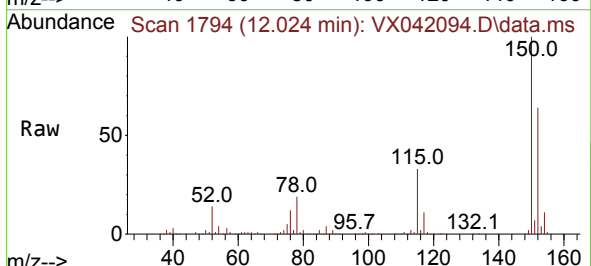
Tgt Ion:152 Resp: 111472

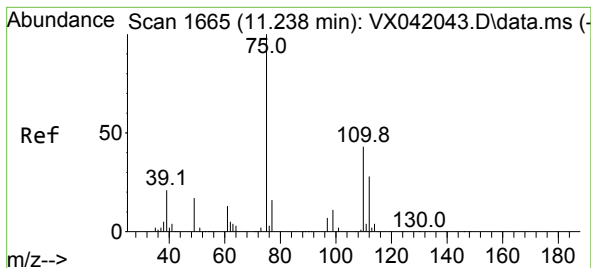
Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.594 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042094.D

Acq: 28 Jun 2024 18:35

Instrument :

MSVOA_X

ClientSampleId :

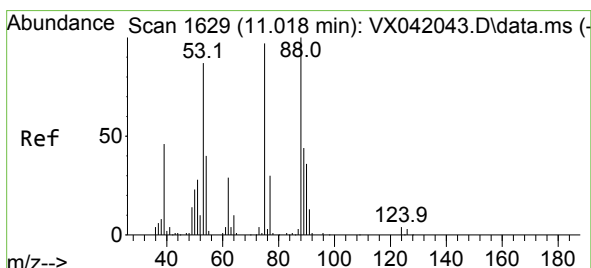
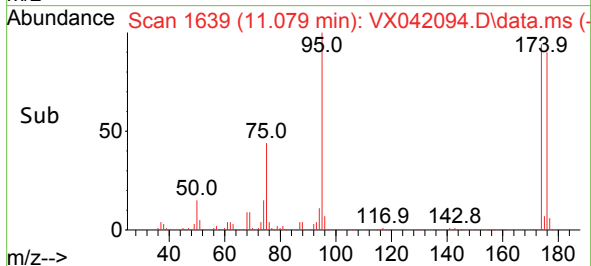
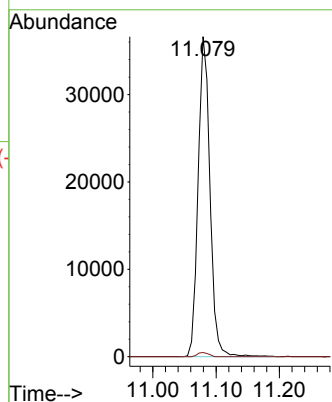
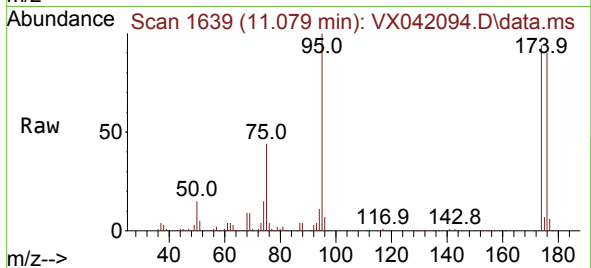
VPB189-HYD-20240626

Tgt Ion: 75 Resp: 47746

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.004 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042094.D

Acq: 28 Jun 2024 18:35

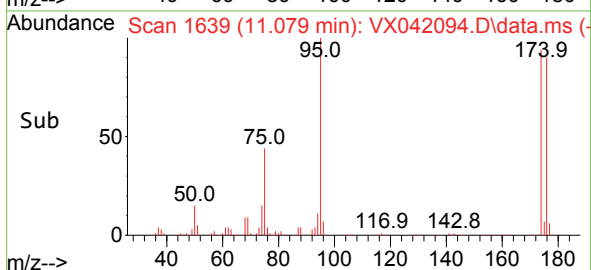
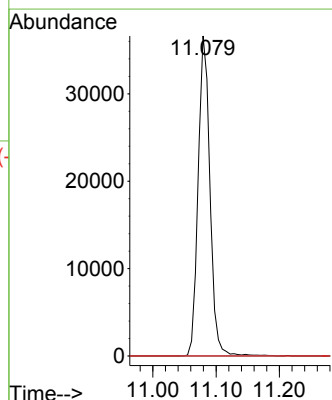
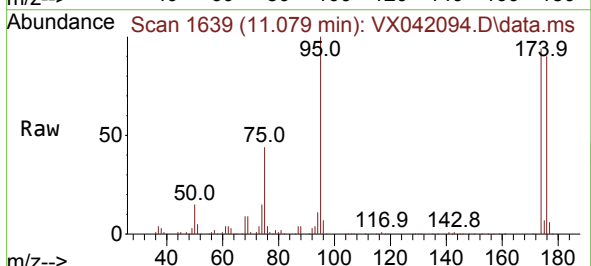
Tgt Ion: 75 Resp: 47746

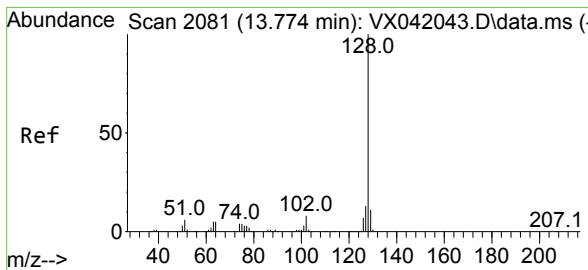
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

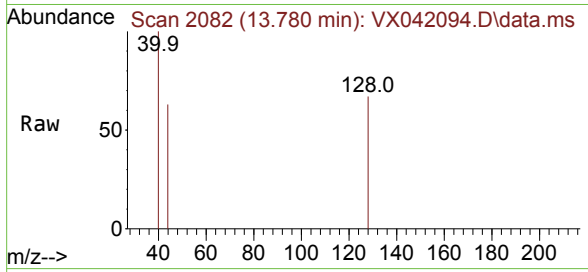
89 0.0 36.9 55.3#





#95
 Naphthalene
 Concen: 0.775 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX042094.D
 Acq: 28 Jun 2024 18:35

Instrument : MSVOA_X
 ClientSampleId : VPB189-HYD-20240626



Tgt Ion:	128	Resp:	217
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

