

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042134.D
 Acq On : 02 Jul 2024 13:01
 Operator : JC/MD
 Sample : P3143-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-TB-20240628

Quant Time: Jul 03 03:32:38 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)

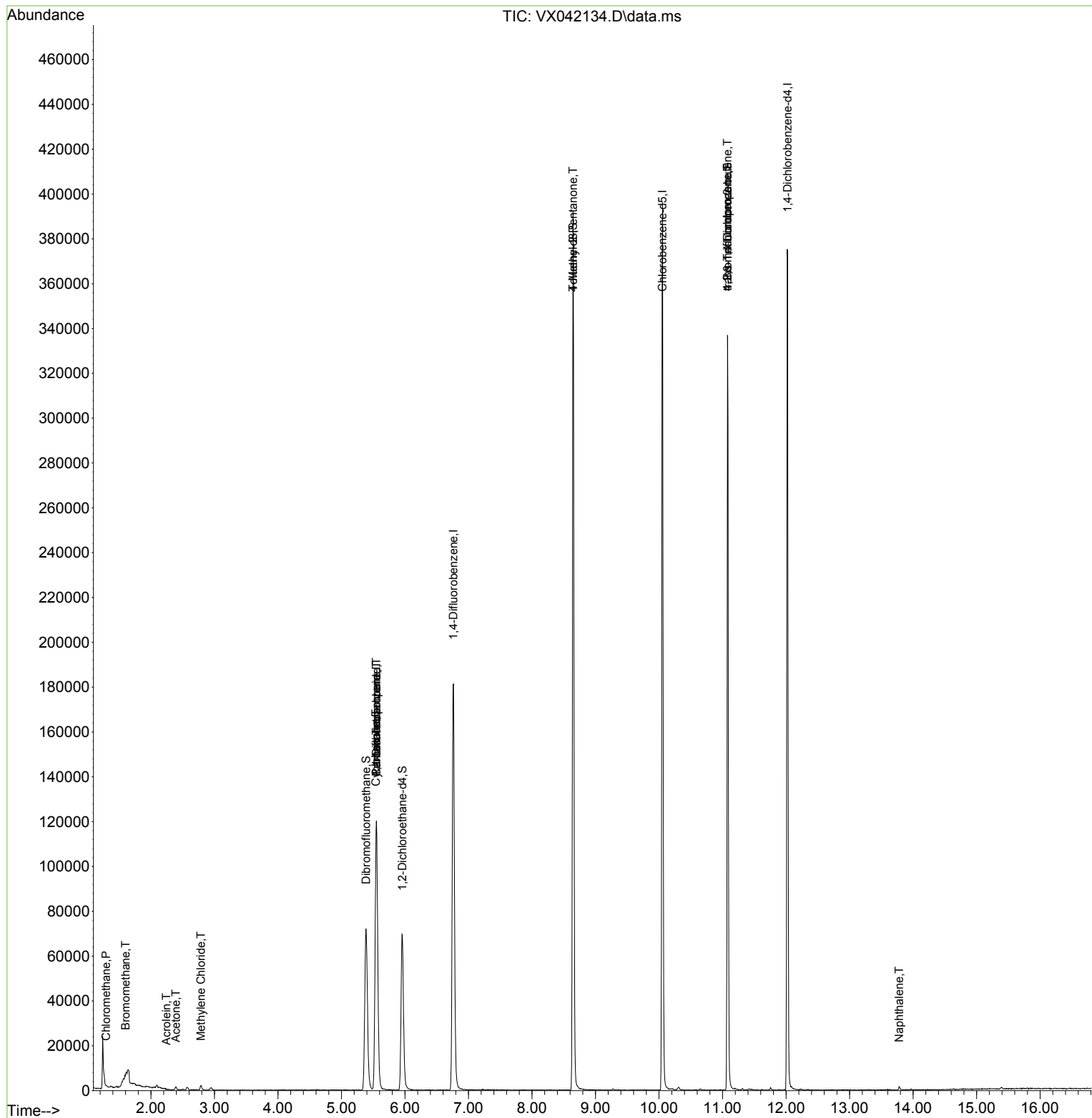
Internal Standards						
1) Pentafluorobenzene	5.550	168	136046	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	206485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67146	42.801	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.600%
35) Dibromofluoromethane	5.385	113	65628	44.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.580%
50) Toluene-d8	8.647	98	239661	46.563	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.120%
62) 4-Bromofluorobenzene	11.079	95	87825	46.289	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	334	0.257	ug/l	89
5) Bromomethane	1.599	94	480	0.746	ug/l	87
6) Chloroethane	1.666	64	261	Below Cal	#	43
13) Acrolein	2.239	56	74	0.222	ug/l	# 14
16) Acetone	2.392	43	1427	2.072	ug/l	# 89
20) Methylene Chloride	2.788	84	1187	0.787	ug/l	# 88
31) Cyclohexane	5.544	56	1835	1.000	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7584	4.875	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11335	6.594	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	847	0.395	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	39006	22.684	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	39006	64.419	ug/l	# 5
95) Naphthalene	13.780	128	1616	0.982	ug/l	# 90

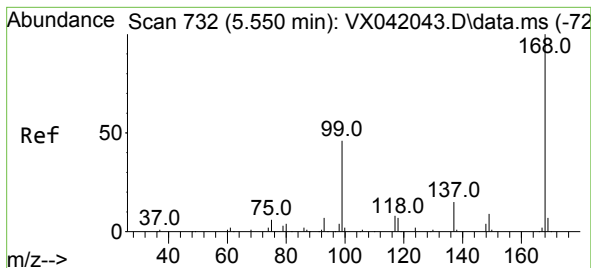
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 23:51:58 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: VX042134.D

Acq: 02 Jul 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

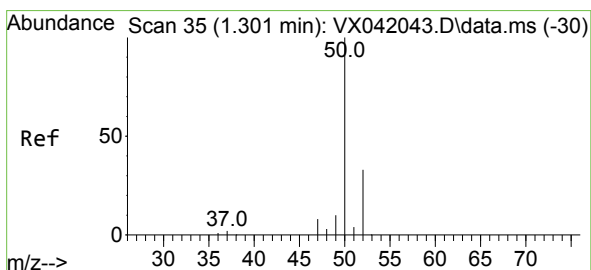
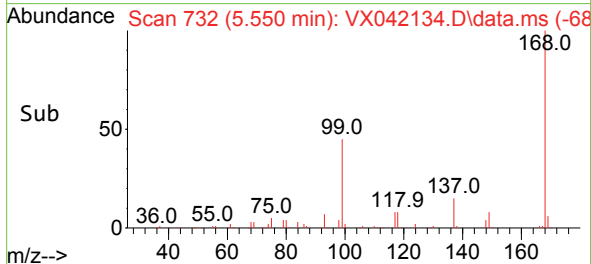
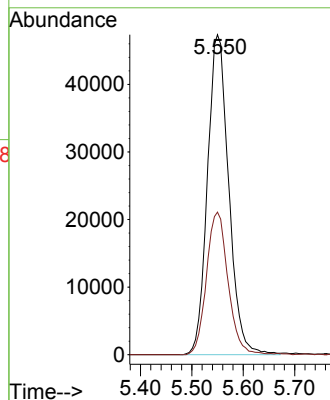
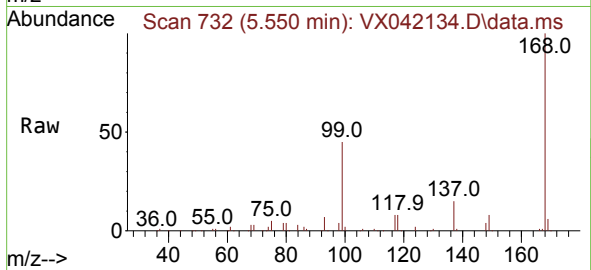
BP-VPB-189-TB-20240628

Tgt Ion:168 Resp: 136046

Ion Ratio Lower Upper

168 100

99 44.5 56.6 85.0#



#3

Chloromethane

Concen: 0.257 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.012 min

Lab File: VX042134.D

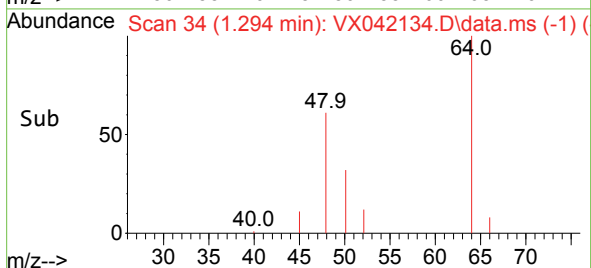
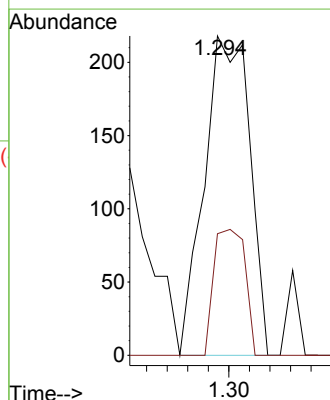
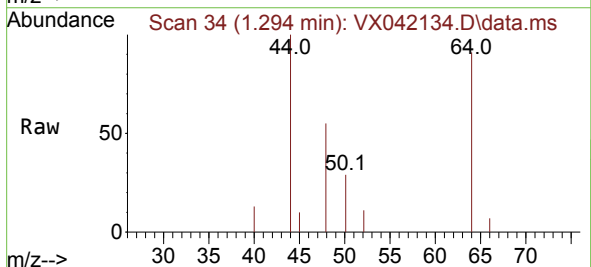
Acq: 02 Jul 2024 13:01

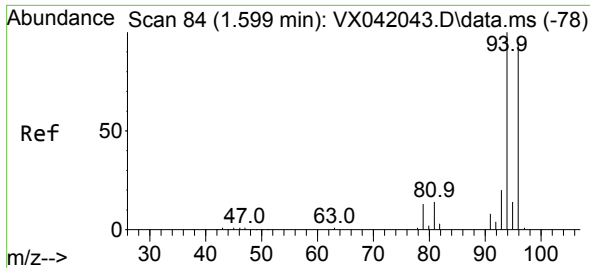
Tgt Ion: 50 Resp: 334

Ion Ratio Lower Upper

50 100

52 38.1 25.5 38.3

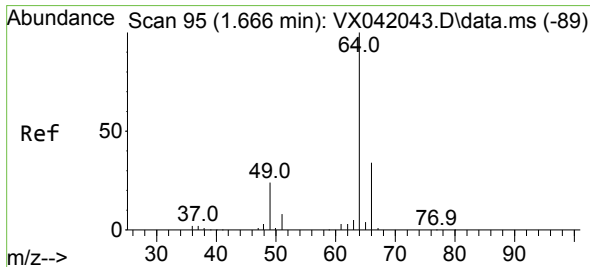
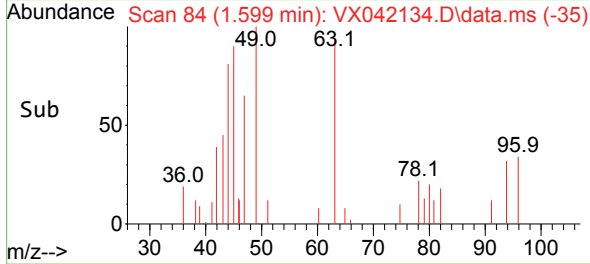
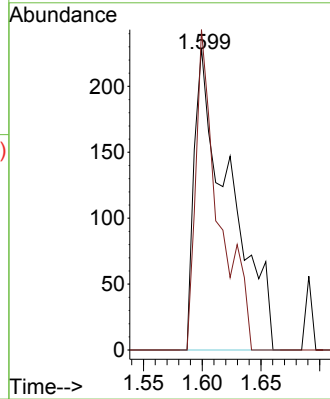
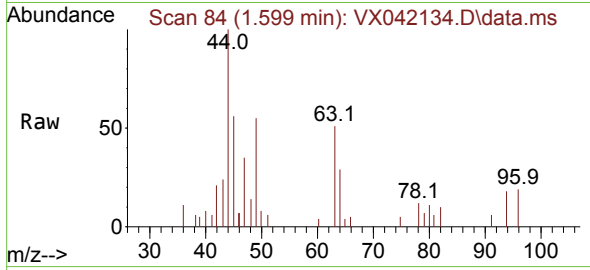




#5
Bromomethane
Concen: 0.746 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

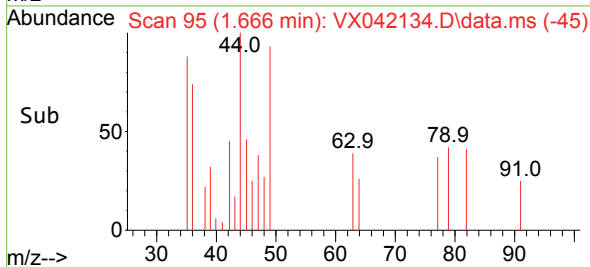
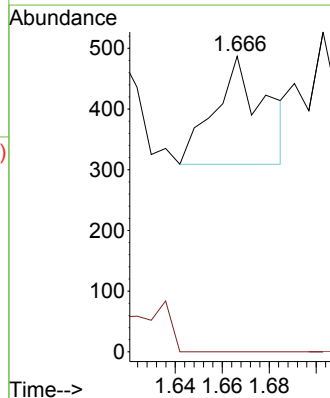
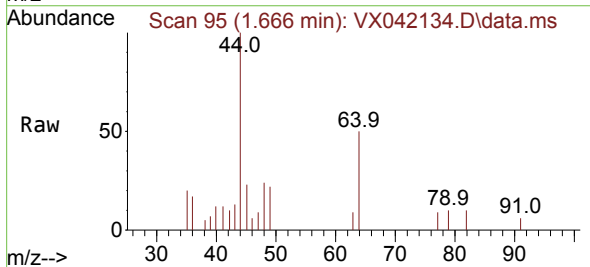
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240628

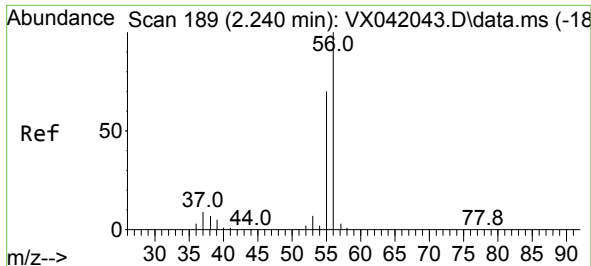
Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 106.1 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Tgt Ion: 64 Resp: 261
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

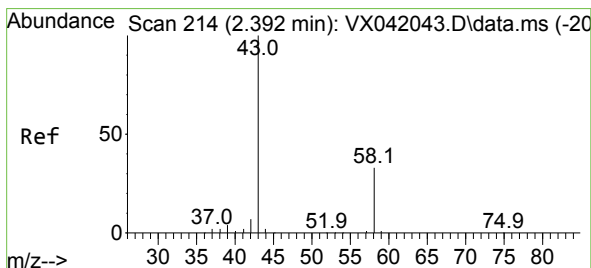
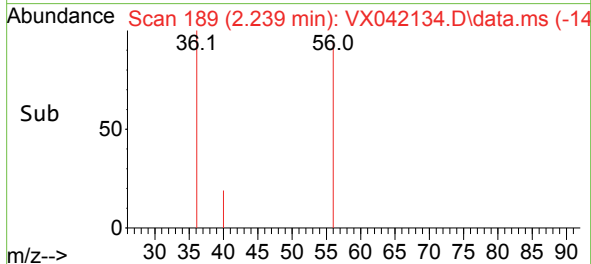
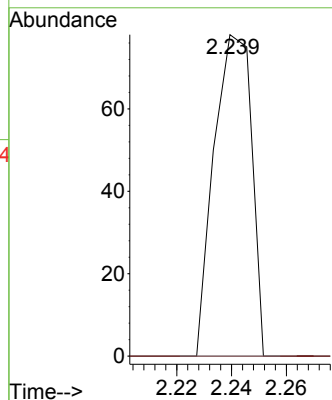
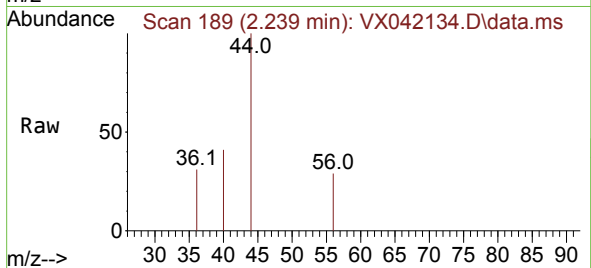




#13
Acrolein
Concen: 0.222 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

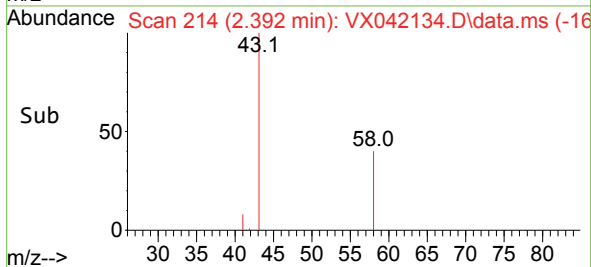
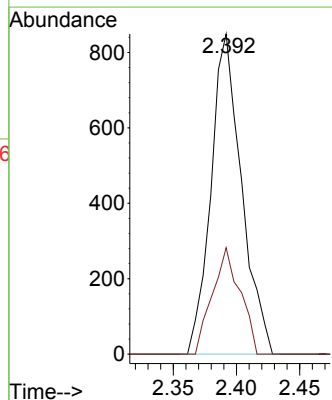
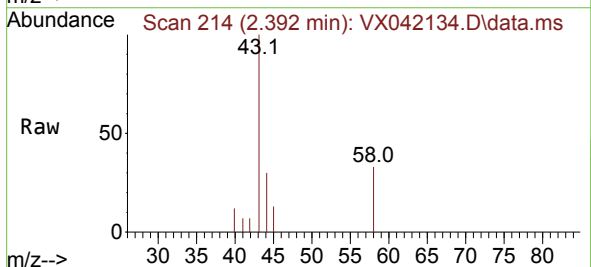
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240628

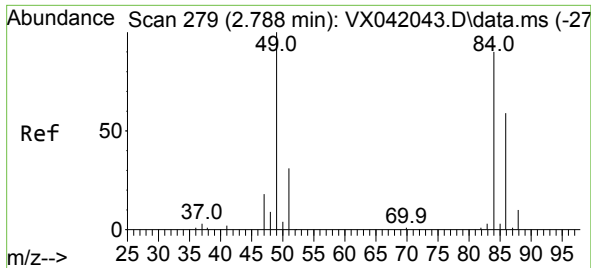
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 2.072 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#

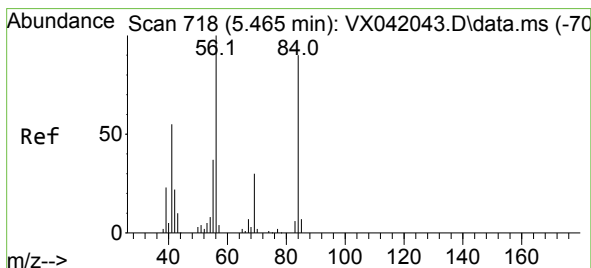
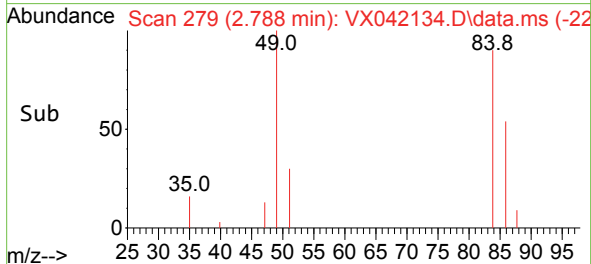
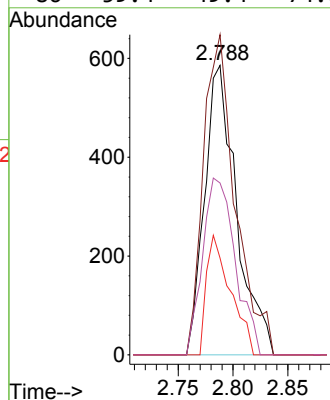
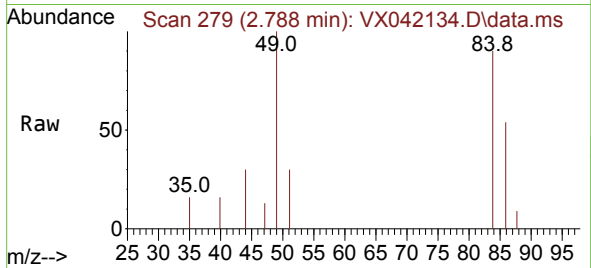




#20
Methylene Chloride
Concen: 0.787 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

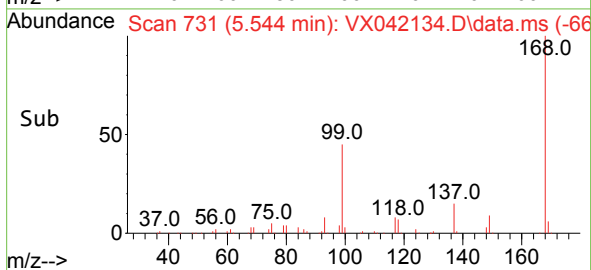
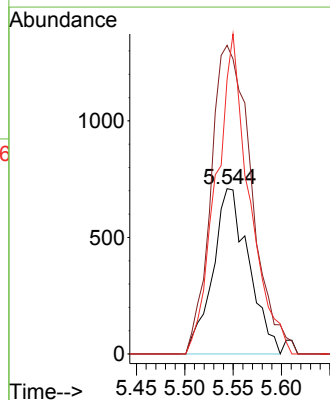
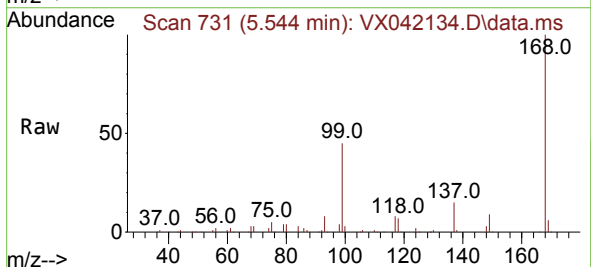
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240628

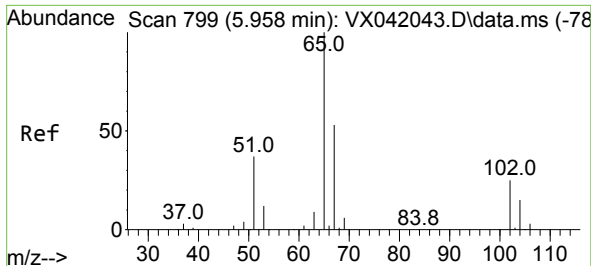
Tgt Ion: 84	Resp: 1187
Ion Ratio	Lower Upper
84 100	
49 110.6	103.6 155.4
51 33.4	33.8 50.6#
86 59.4	49.4 74.0



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Tgt Ion: 56	Resp: 1835
Ion Ratio	Lower Upper
56 100	
69 186.7	23.4 35.2#
84 166.1	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.801 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042134.D

Acq: 02 Jul 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

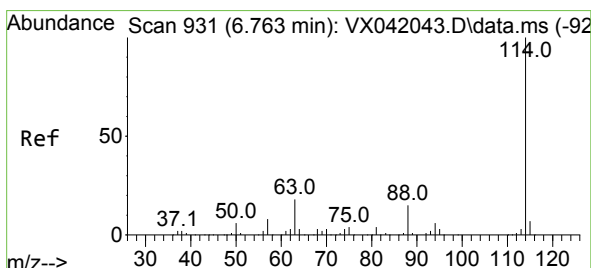
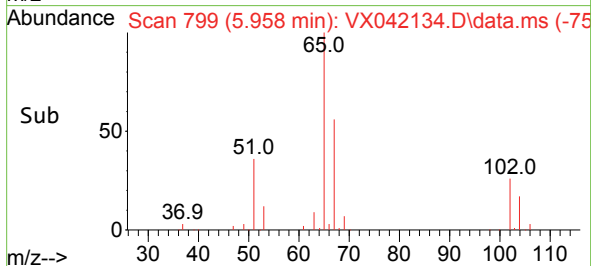
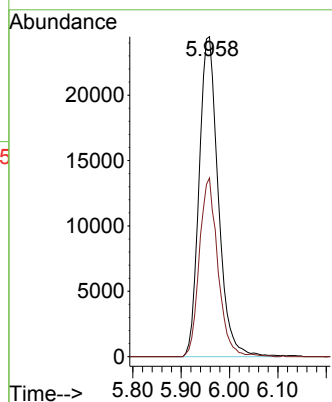
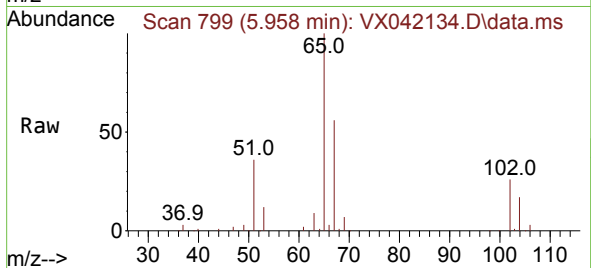
BP-VPB-189-TB-20240628

Tgt Ion: 65 Resp: 67146

Ion Ratio Lower Upper

65 100

67 54.3 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: VX042134.D

Acq: 02 Jul 2024 13:01

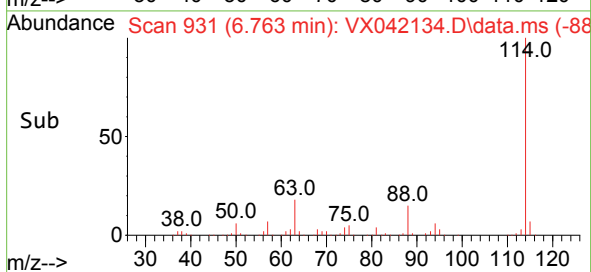
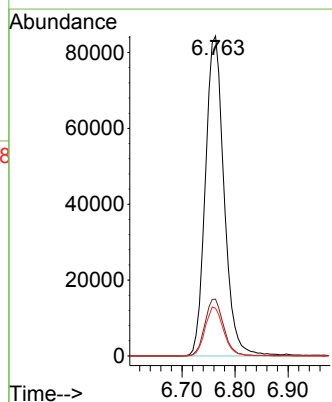
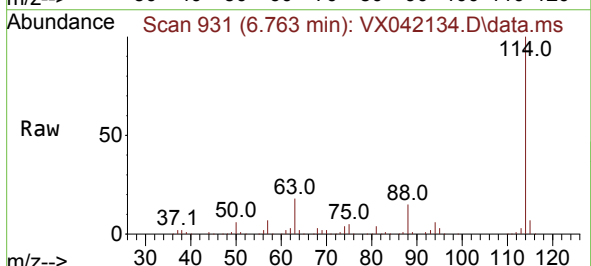
Tgt Ion: 114 Resp: 206485

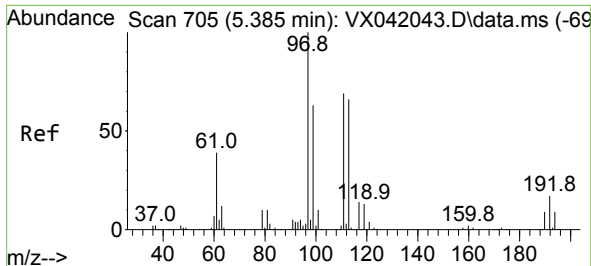
Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 14.9 0.0 36.6

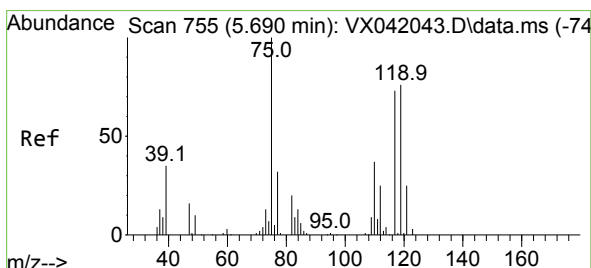
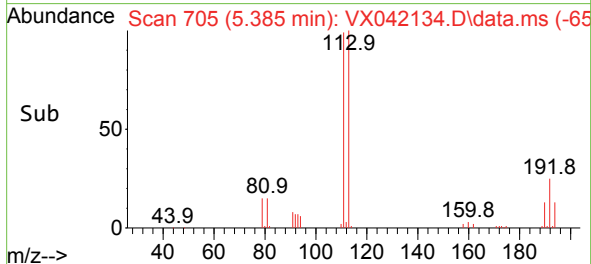
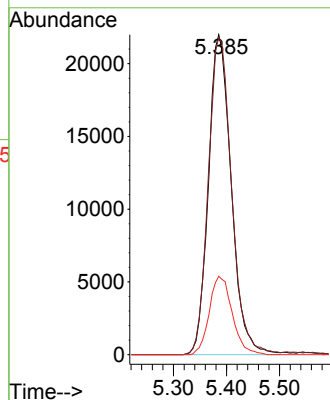
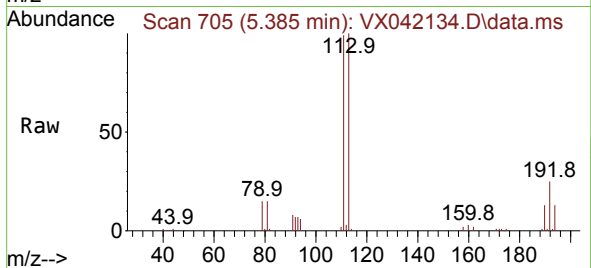




#35
Dibromofluoromethane
Concen: 44.794 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

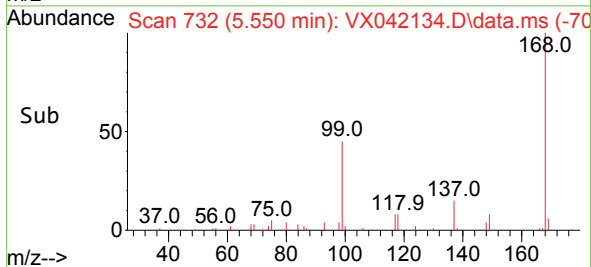
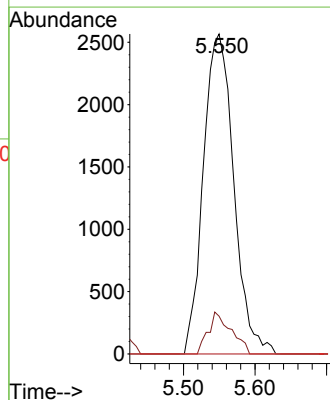
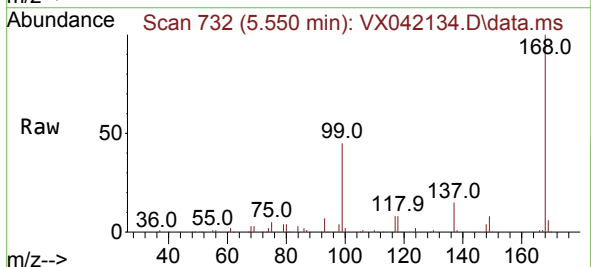
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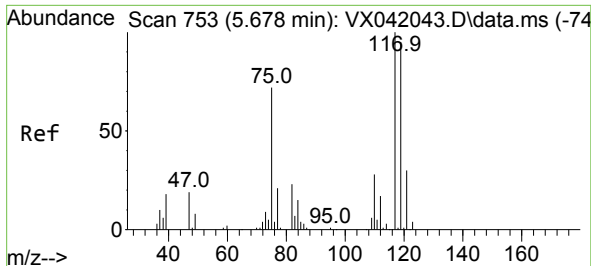
Tgt Ion:113 Resp: 65628
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 24.7 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

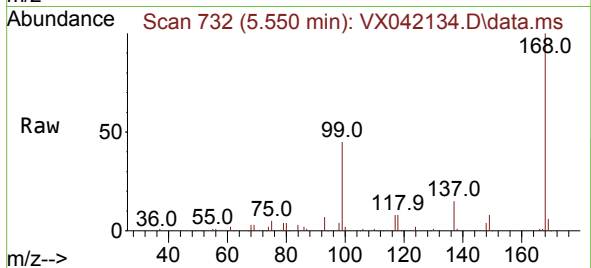
Tgt Ion: 75 Resp: 7584
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



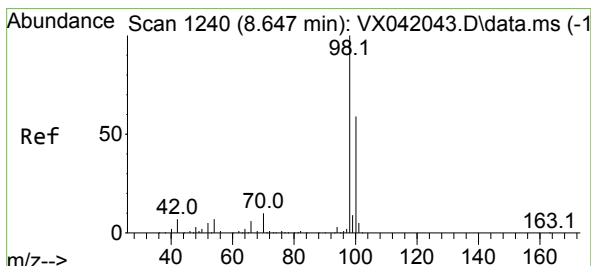
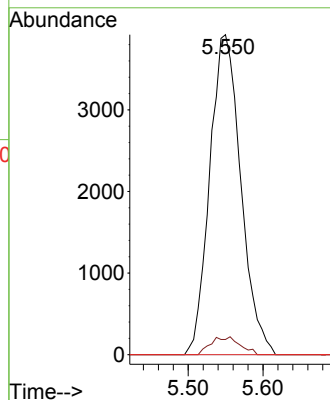
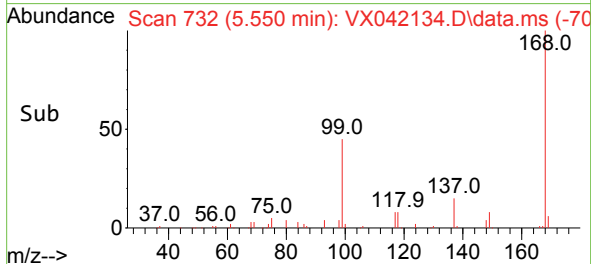


#38
Carbon Tetrachloride
Concen: 6.594 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Instrument :
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ClientSampleId :
BP-VPB-189-TB-20240628

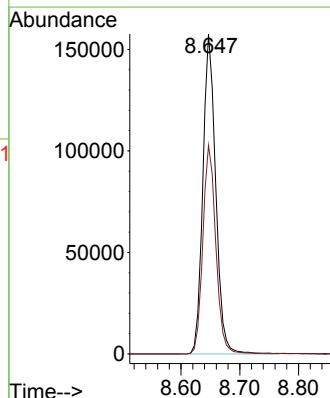
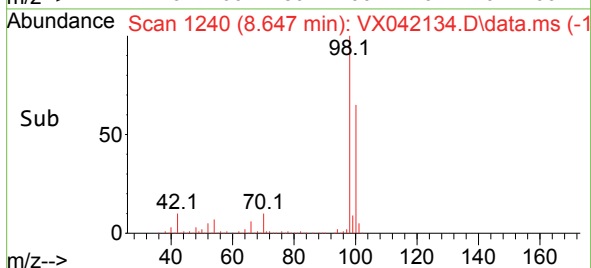
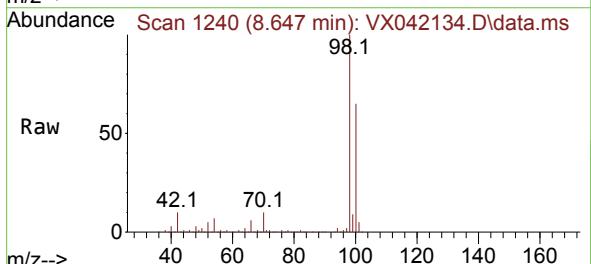


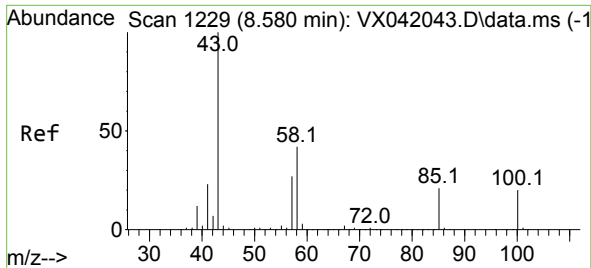
Tgt Ion:117 Resp: 11335
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Tgt Ion: 98 Resp: 239661
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

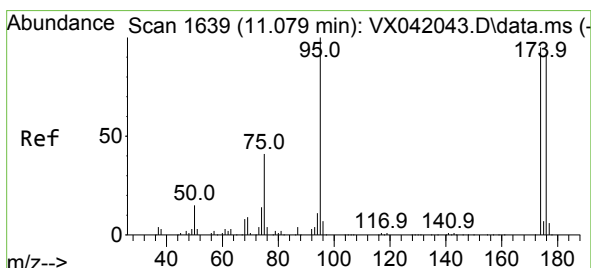
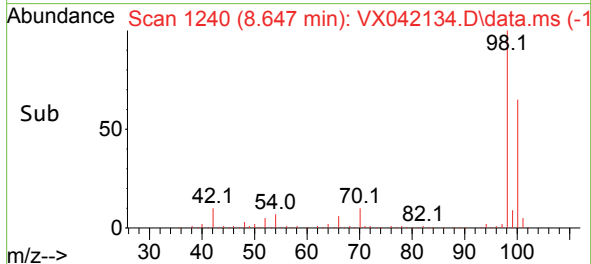
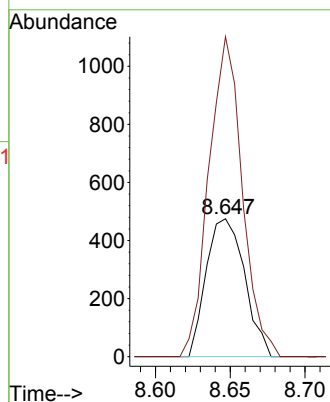
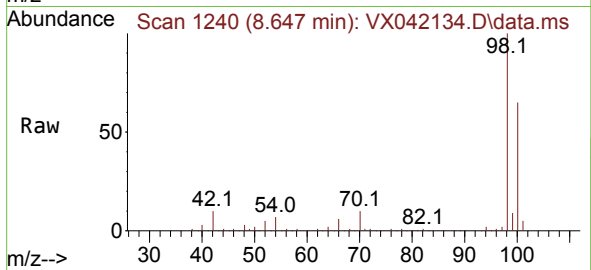




#51
4-Methyl-2-Pentanone
Concen: 0.395 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

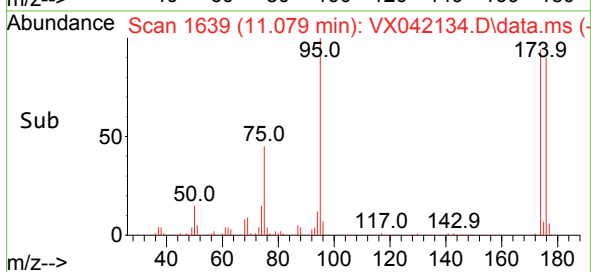
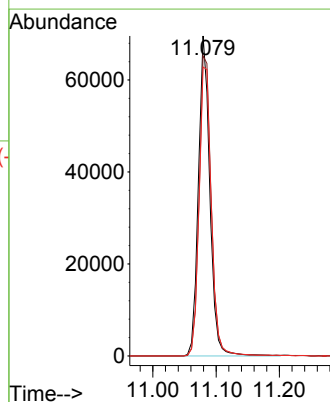
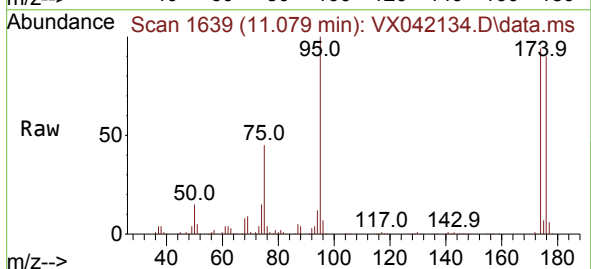
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240628

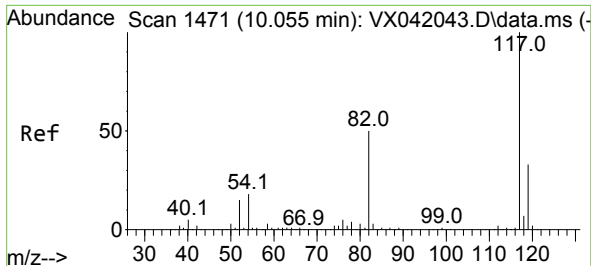
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 201.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.289 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Tgt Ion: 95 Resp: 87825
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 96.7 0.0 131.0

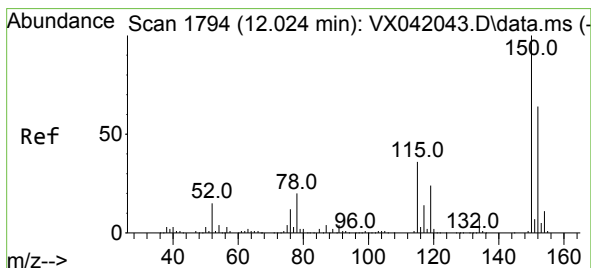
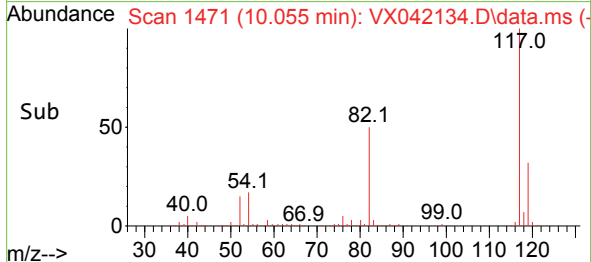
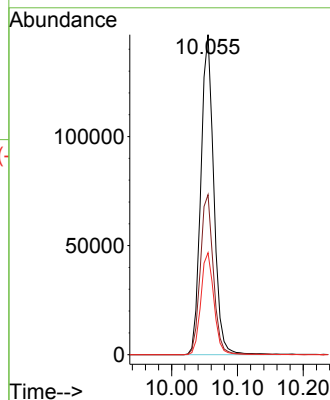
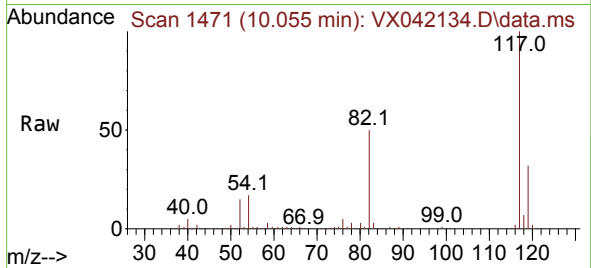




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

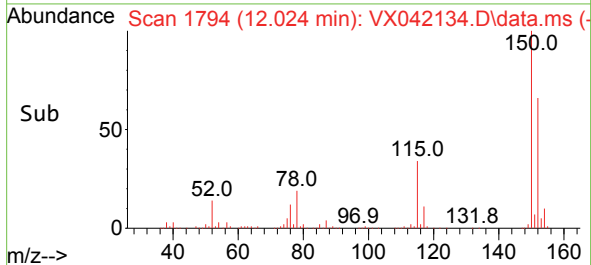
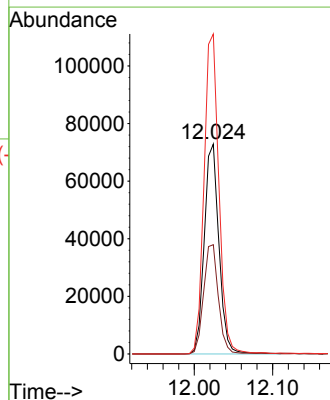
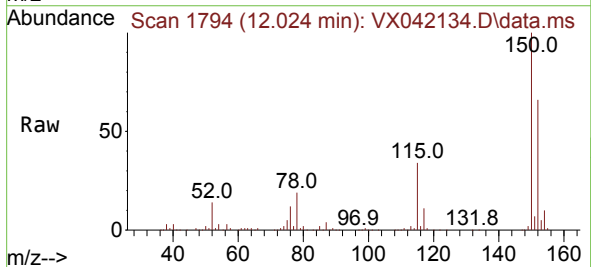
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240628

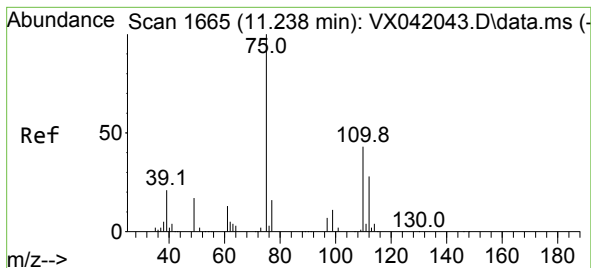
Tgt Ion:117 Resp: 200295
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Tgt Ion:152 Resp: 94721
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 154.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.684 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042134.D

Acq: 02 Jul 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

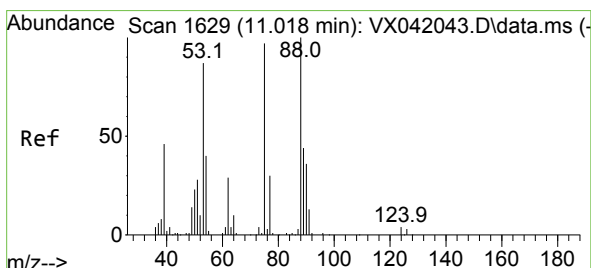
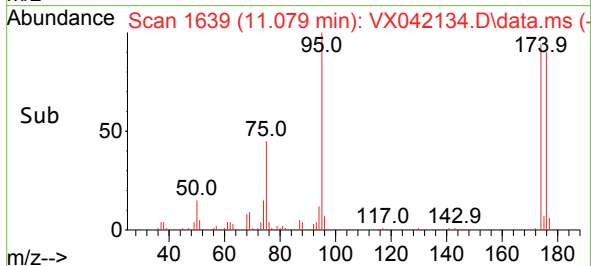
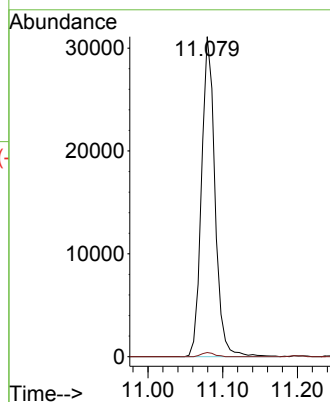
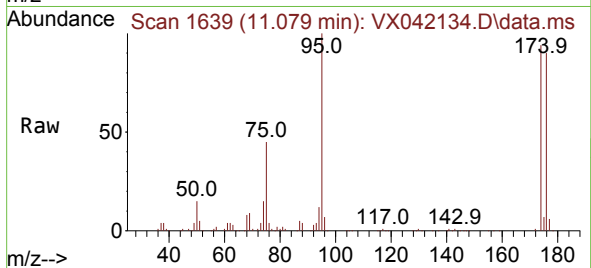
BP-VPB-189-TB-20240628

Tgt Ion: 75 Resp: 39006

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.419 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042134.D

Acq: 02 Jul 2024 13:01

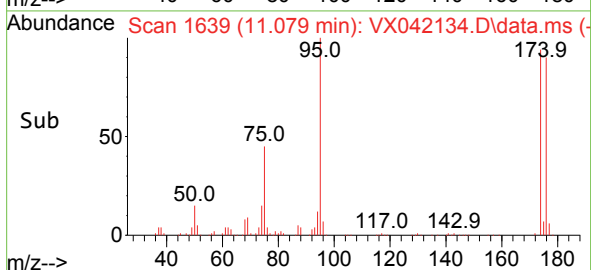
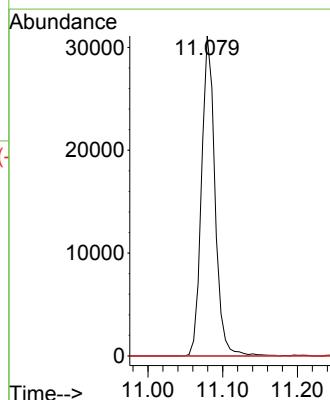
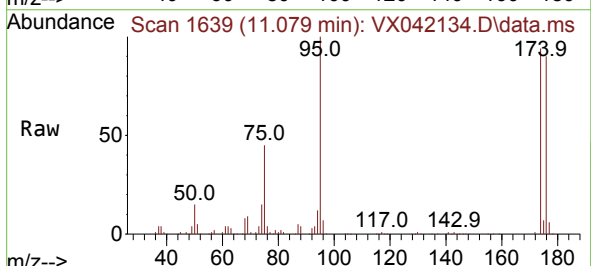
Tgt Ion: 75 Resp: 39006

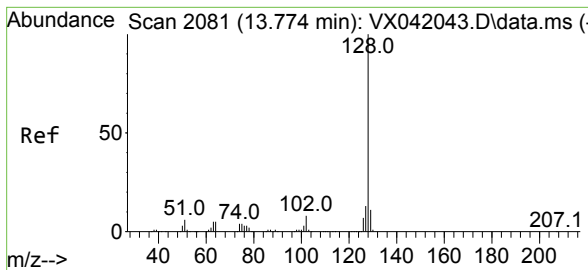
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

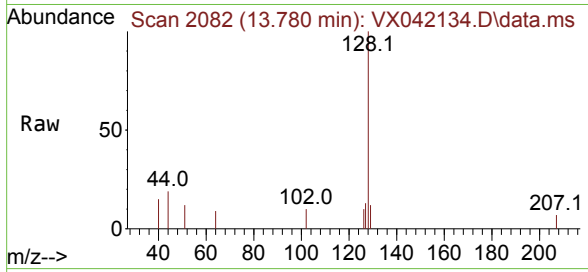
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.982 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042134.D
Acq: 02 Jul 2024 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240628



Tgt Ion:	128	Resp:	1616
Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.3	15.5#
129	9.0	8.8	13.2

