

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041926.D
 Acq On : 18 Jun 2024 16:23
 Operator : JC/MD
 Sample : P2927-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-TB-20240614

Quant Time: Jun 19 08:13:03 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)

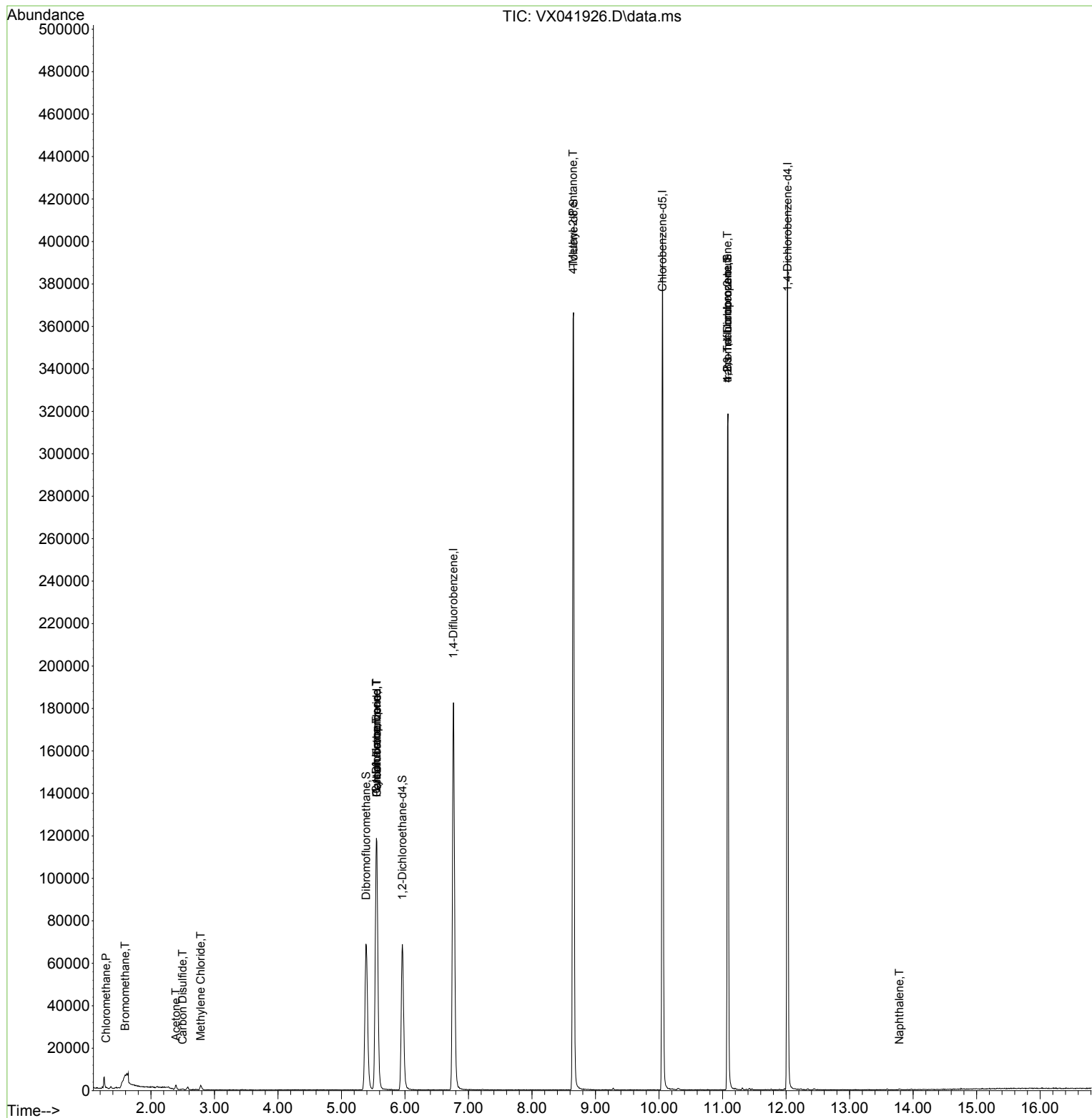
Internal Standards						
1) Pentafluorobenzene	5.556	168	131980	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	201504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65886	43.292	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.580%
35) Dibromofluoromethane	5.385	113	62181	43.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.980%
50) Toluene-d8	8.653	98	238308	47.444	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.880%
62) 4-Bromofluorobenzene	11.079	95	87353	47.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	255	0.202	ug/l	90
5) Bromomethane	1.593	94	195	0.312	ug/l	# 62
6) Chloroethane	1.642	64	28	Below Cal	#	43
16) Acetone	2.392	43	2142	3.205	ug/l	# 80
17) Carbon Disulfide	2.495	76	514	0.221	ug/l	# 76
20) Methylene Chloride	2.782	84	1279	0.874	ug/l	# 86
31) Cyclohexane	5.550	56	1960	1.101	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7566	4.983	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	10871	6.480	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	817	0.391	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40391	22.153	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40391	62.912	ug/l	# 5
95) Naphthalene	13.786	128	530	0.820	ug/l	# 69

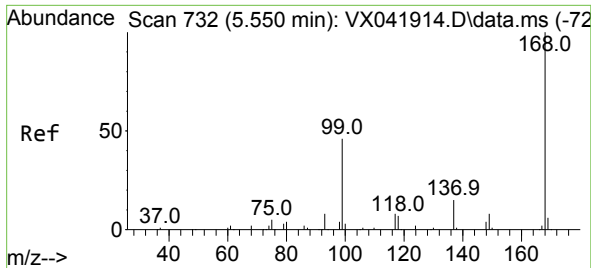
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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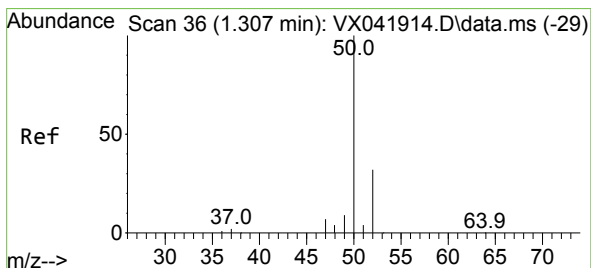
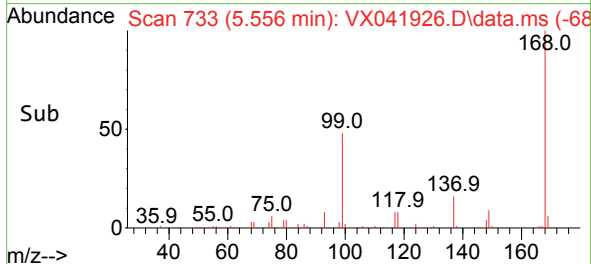
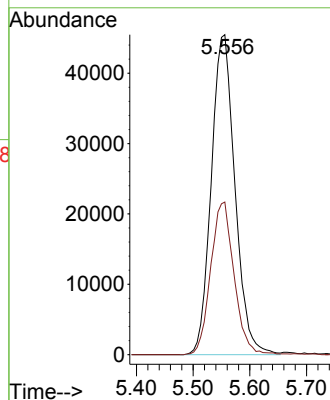
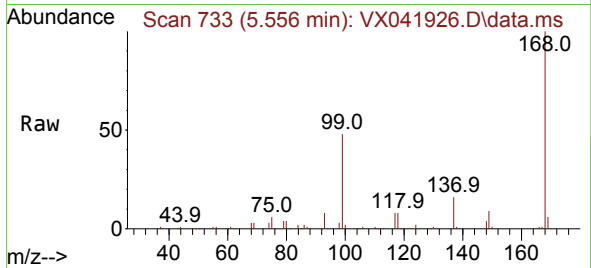




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

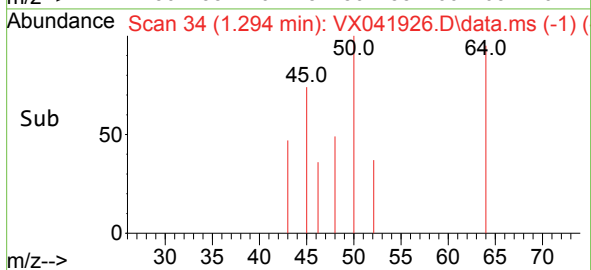
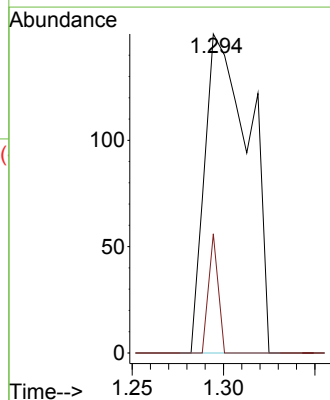
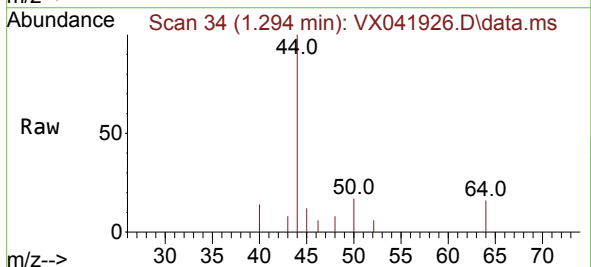
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240614

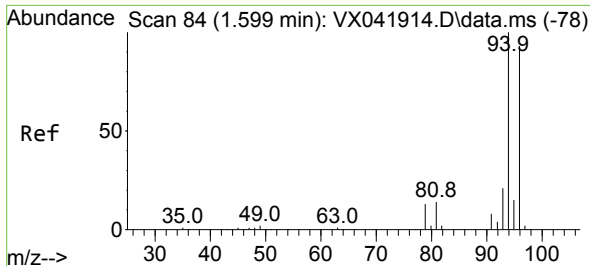
Tgt Ion:168 Resp: 131980
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 37.3 25.5 38.3

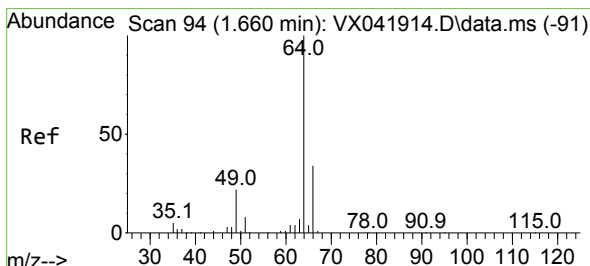
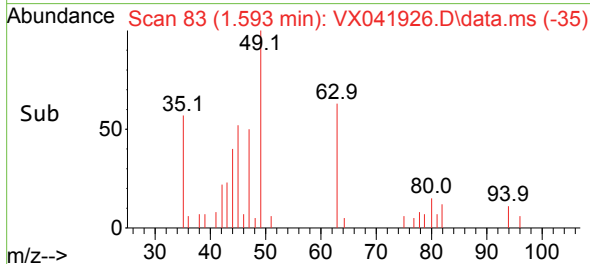
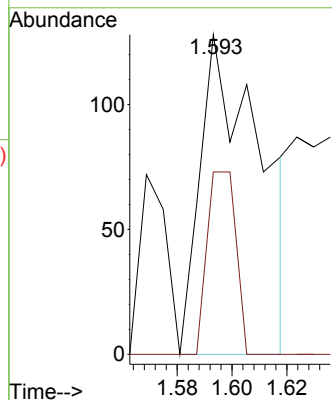
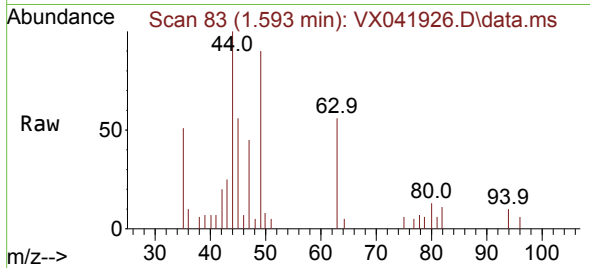




#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

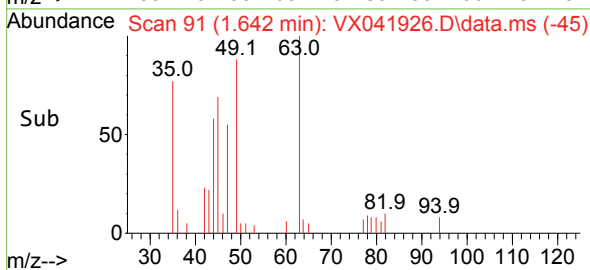
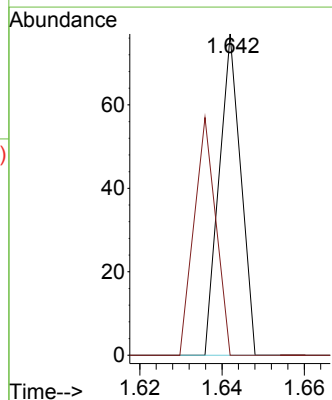
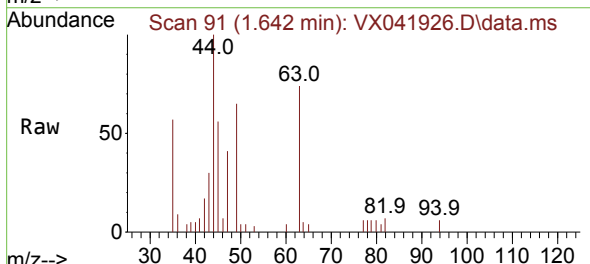
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240614

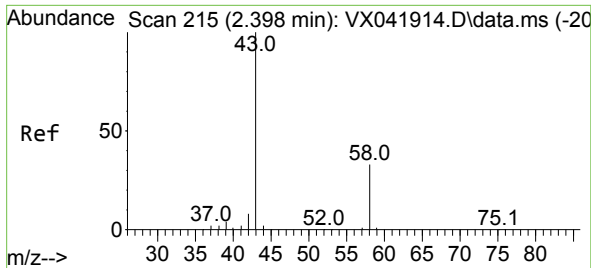
Tgt Ion: 94 Resp: 195
Ion Ratio Lower Upper
94 100
96 57.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Tgt Ion: 64 Resp: 28
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

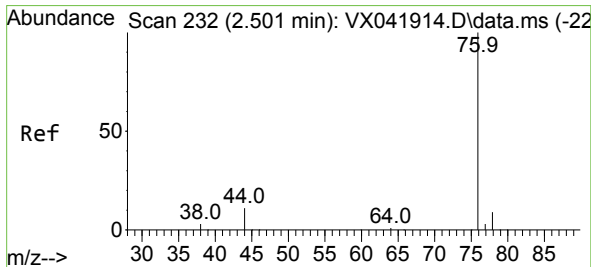
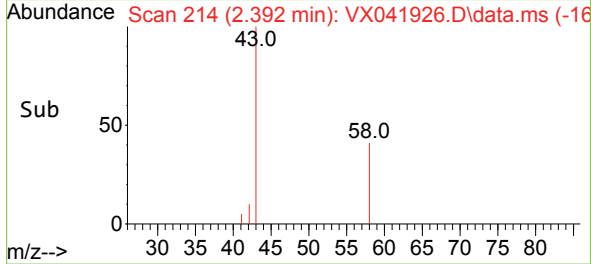
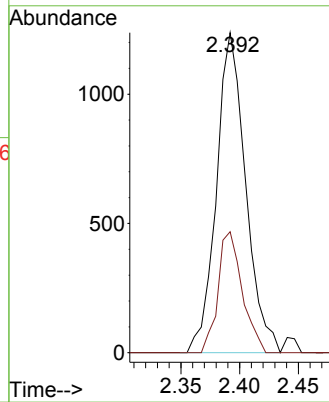
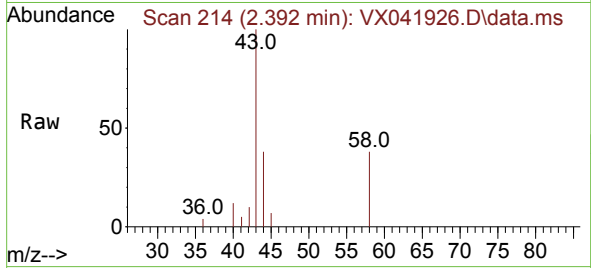




#16
Acetone
Concen: 3.205 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

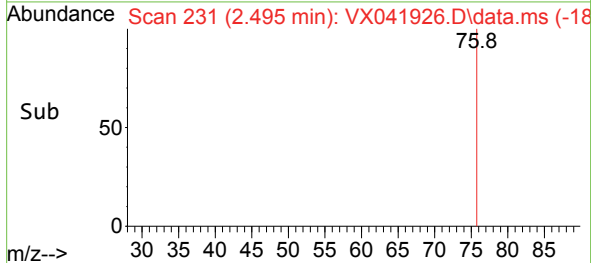
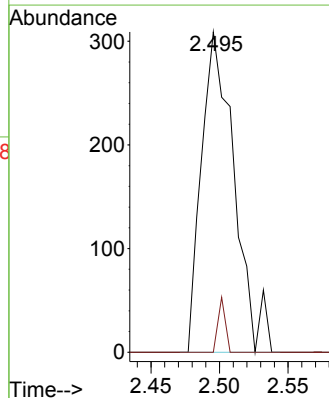
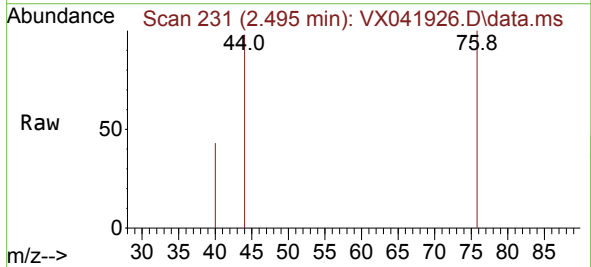
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240614

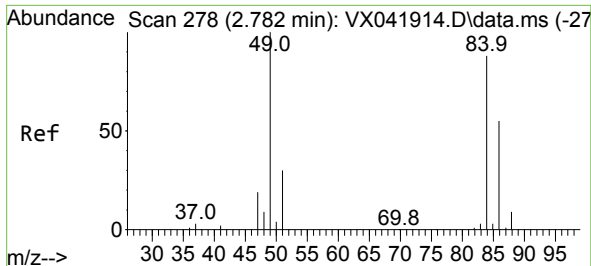
Tgt Ion: 43 Resp: 2142
Ion Ratio Lower Upper
43 100
58 37.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

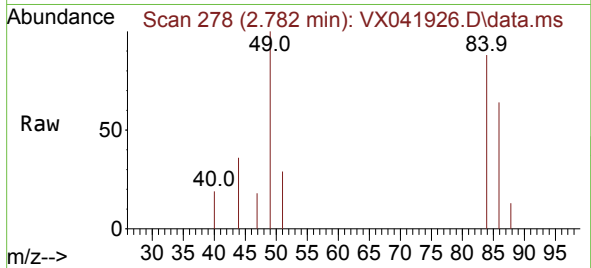
Tgt Ion: 76 Resp: 514
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



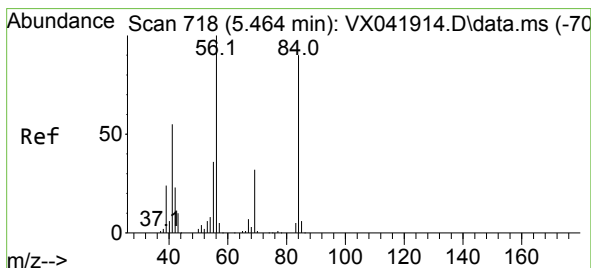
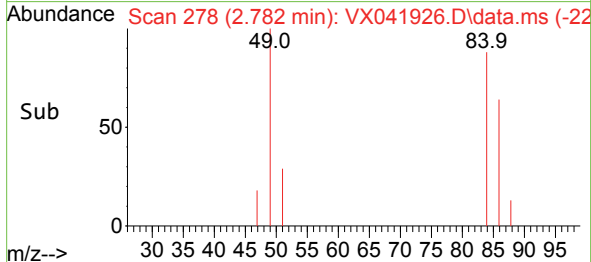
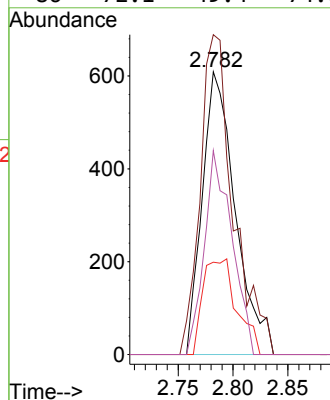


#20
Methylene Chloride
Concen: 0.874 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240614

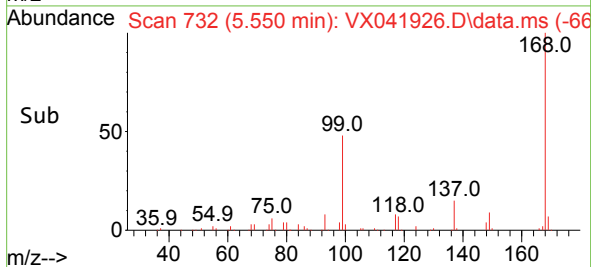
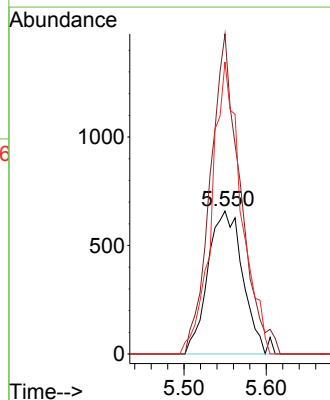
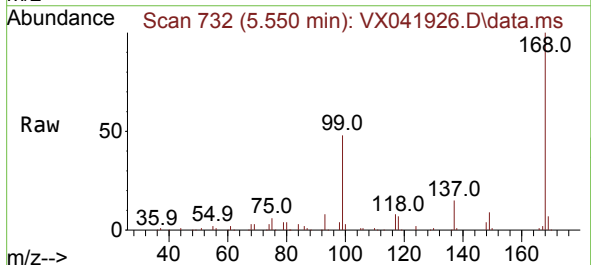


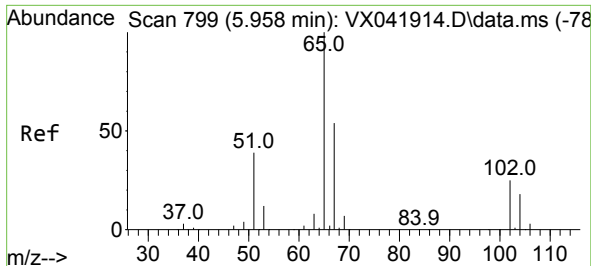
Tgt Ion:	84	Resp:	1279
Ion	Ratio	Lower	Upper
84	100		
49	113.1	103.6	155.4
51	32.7	33.8	50.6#
86	72.1	49.4	74.0



#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Tgt Ion:	56	Resp:	1960
Ion	Ratio	Lower	Upper
56	100		
69	223.8	23.4	35.2#
84	204.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.292 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041926.D

Acq: 18 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

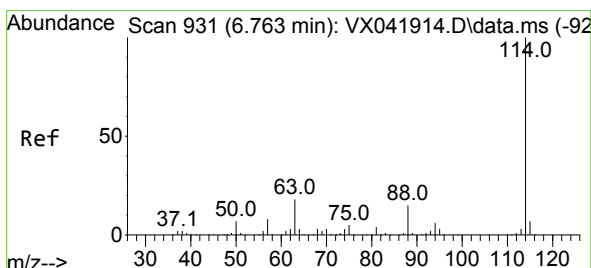
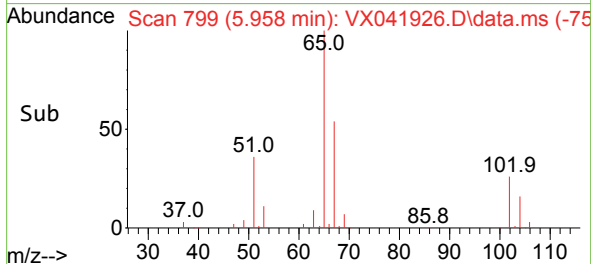
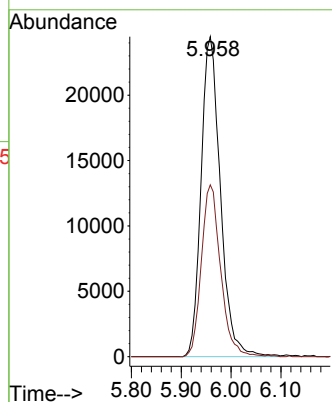
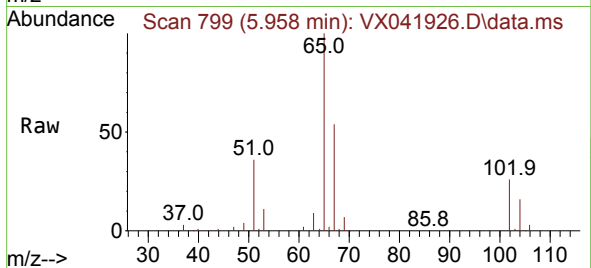
BP-VPB-189-TB-20240614

Tgt Ion: 65 Resp: 65886

Ion Ratio Lower Upper

65 100

67 53.5 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: VX041926.D

Acq: 18 Jun 2024 16:23

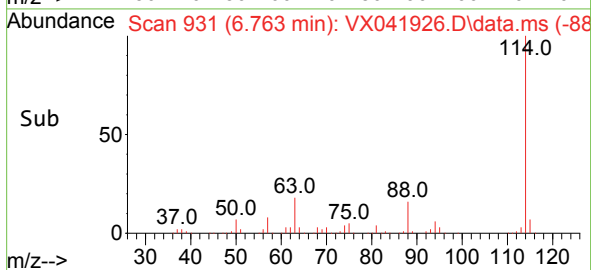
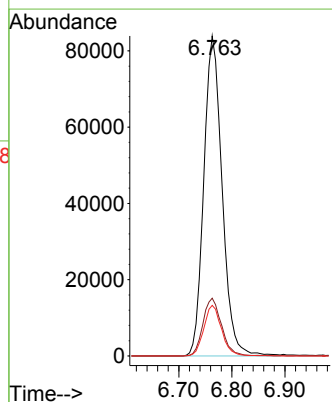
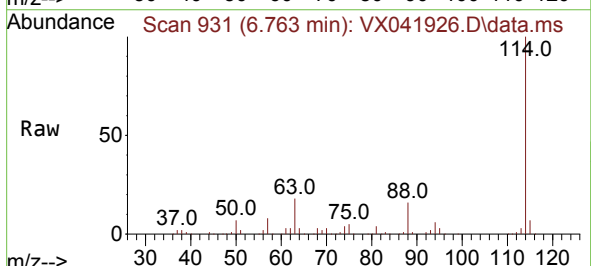
Tgt Ion:114 Resp: 201504

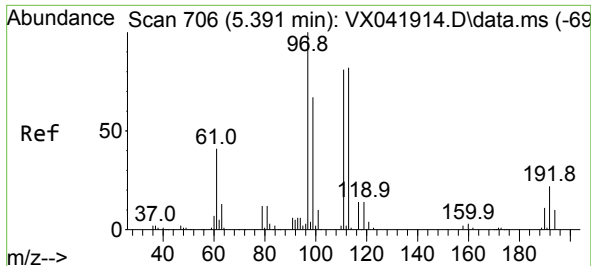
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 15.8 0.0 36.6

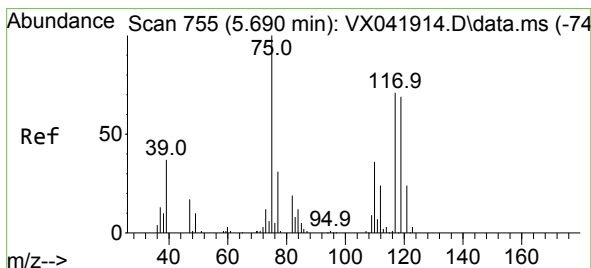
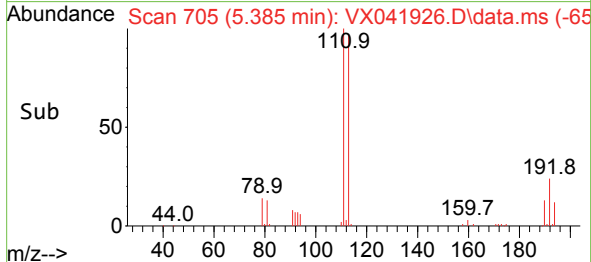
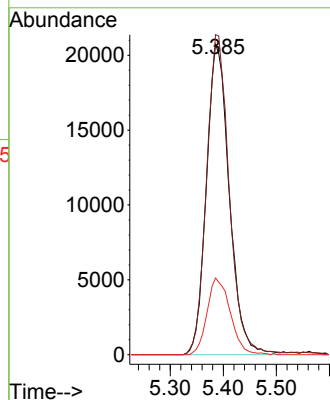
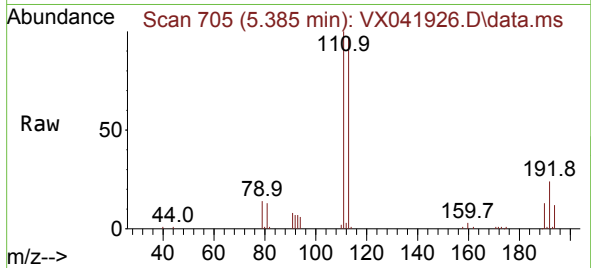




#35
Dibromofluoromethane
Concen: 43.490 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

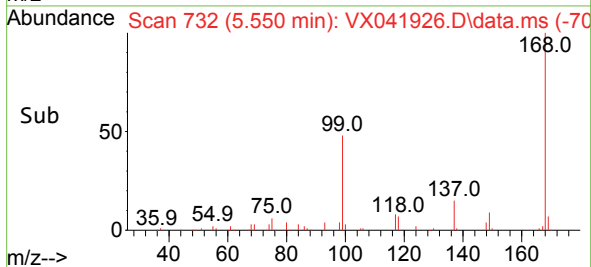
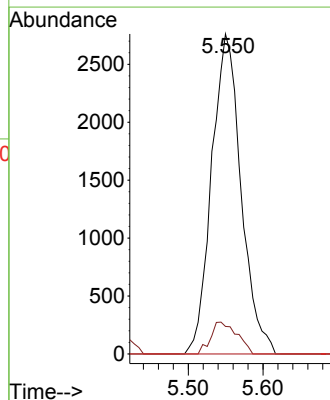
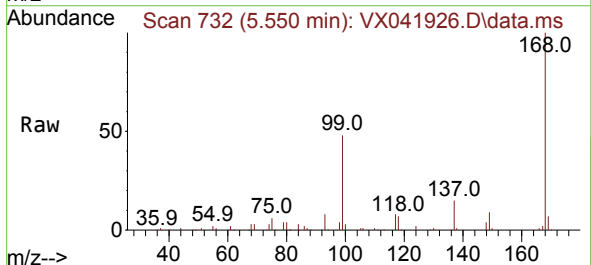
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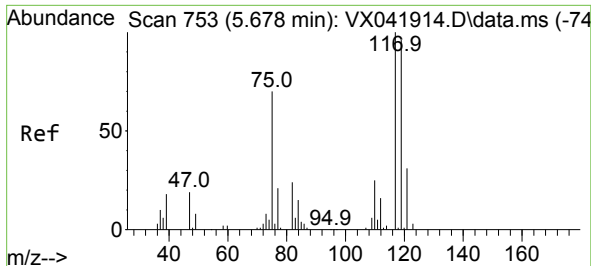
Tgt Ion:113 Resp: 62181
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.983 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

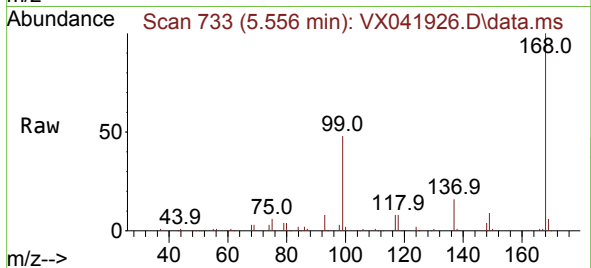
Tgt Ion: 75 Resp: 7566
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



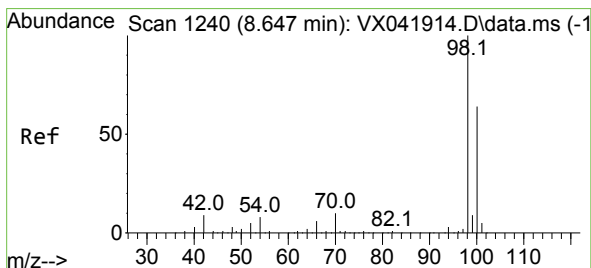
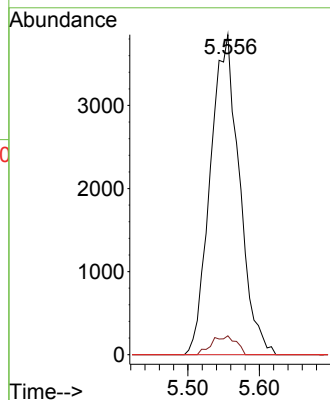
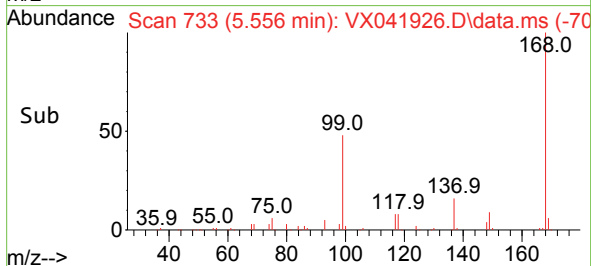


#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240614

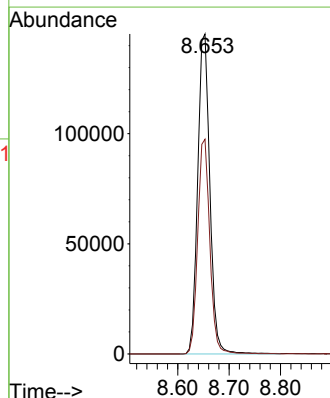
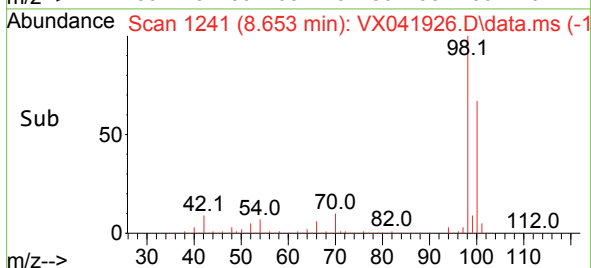
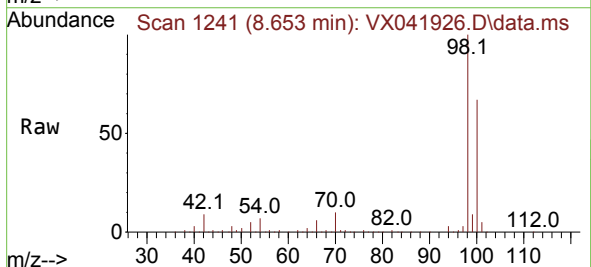


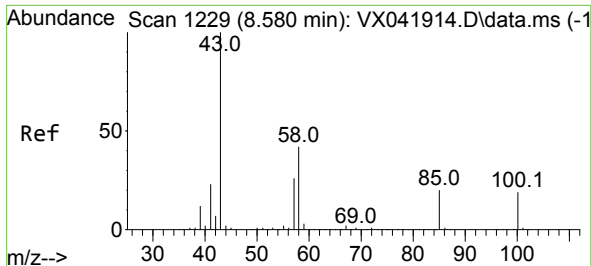
Tgt Ion:117 Resp: 10871
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.444 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Tgt Ion: 98 Resp: 238308
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

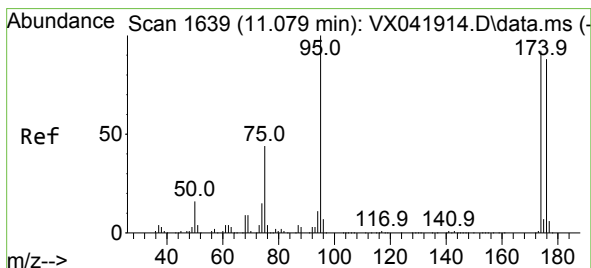
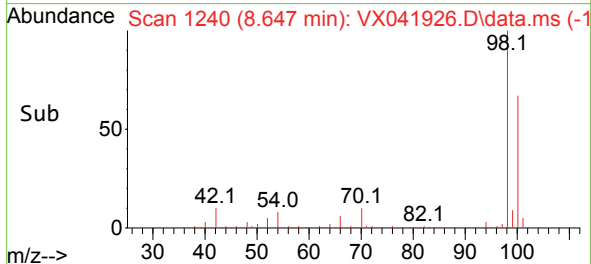
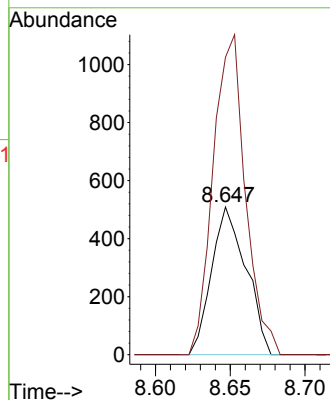
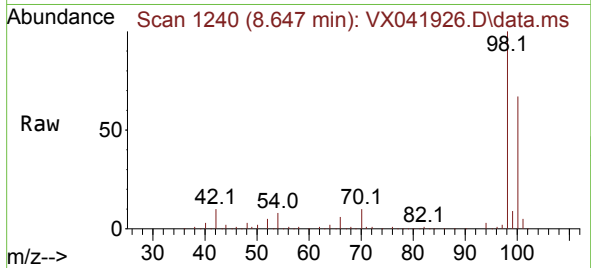




#51
4-Methyl-2-Pentanone
Concen: 0.391 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

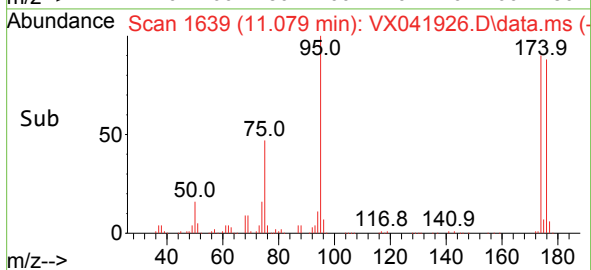
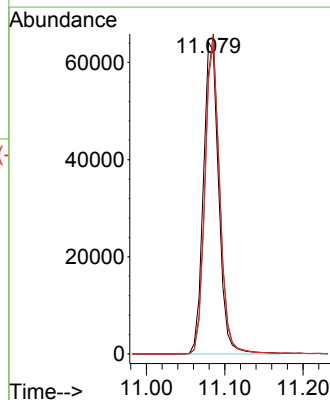
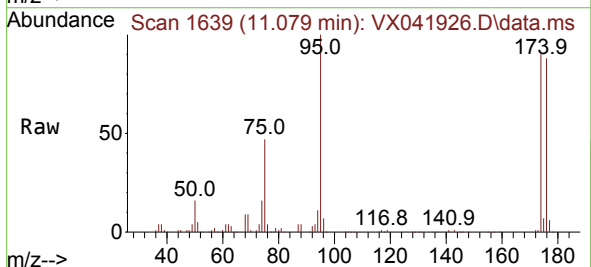
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240614

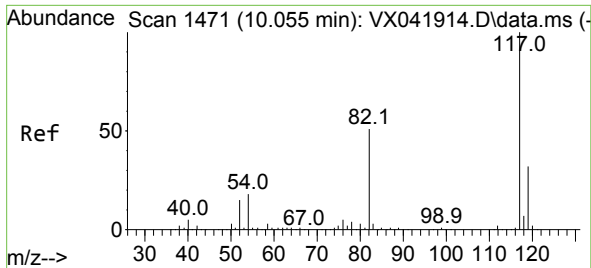
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 202.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Tgt Ion: 95 Resp: 87353
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 95.9 0.0 131.0

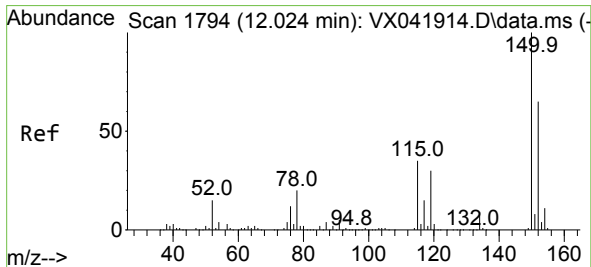
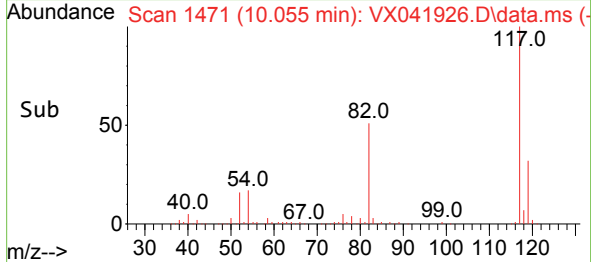
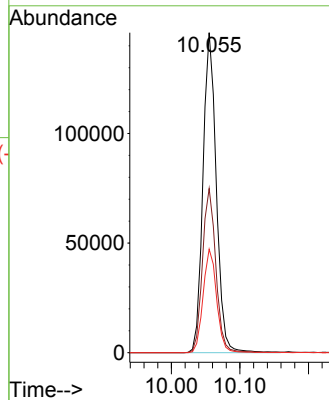
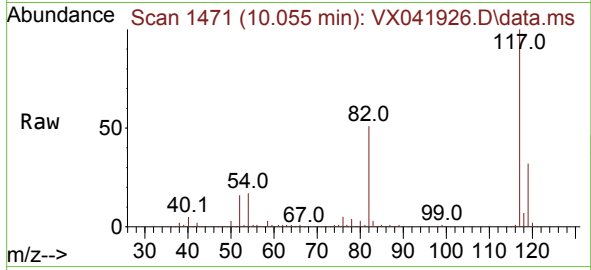




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

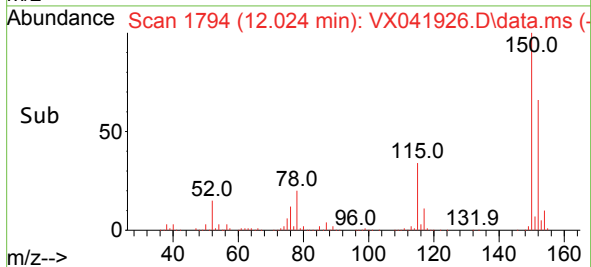
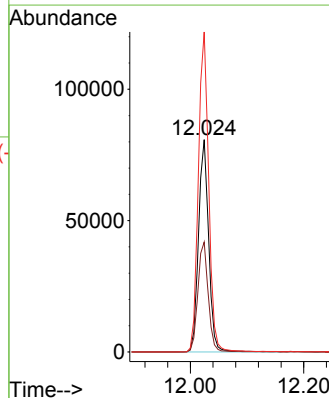
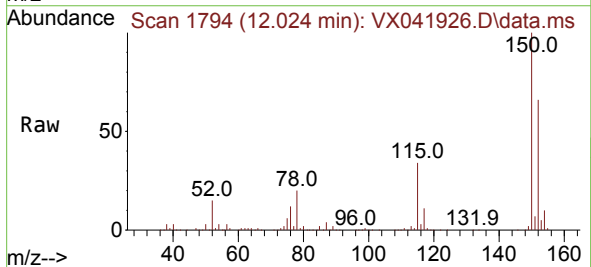
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-TB-20240614

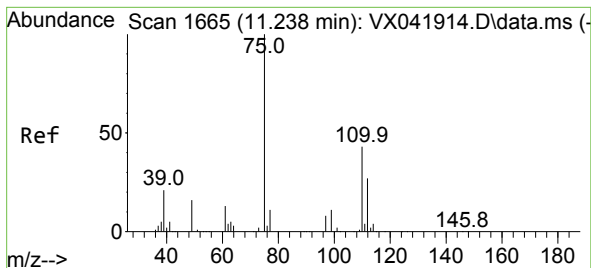
Tgt Ion:	117	Resp:	197956
Ion	Ratio	Lower	Upper
117	100		
82	51.3	46.2	69.4
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041926.D
Acq: 18 Jun 2024 16:23

Tgt Ion:	152	Resp:	100435
Ion	Ratio	Lower	Upper
152	100		
115	52.8	43.3	129.9
150	153.3	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 22.153 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041926.D

Acq: 18 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

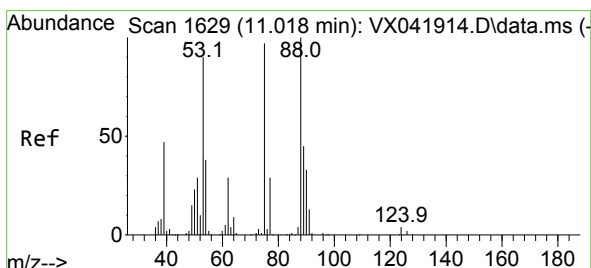
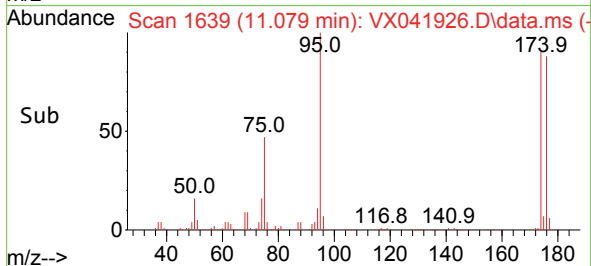
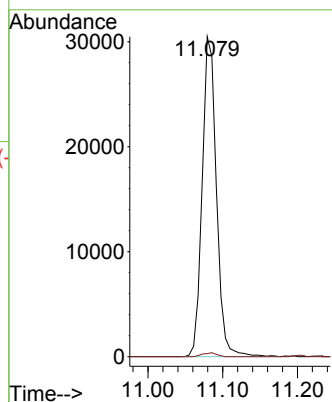
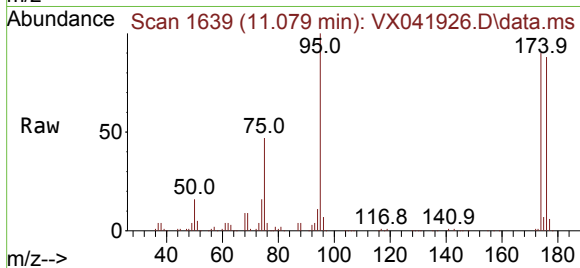
BP-VPB-189-TB-20240614

Tgt Ion: 75 Resp: 40391

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.912 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041926.D

Acq: 18 Jun 2024 16:23

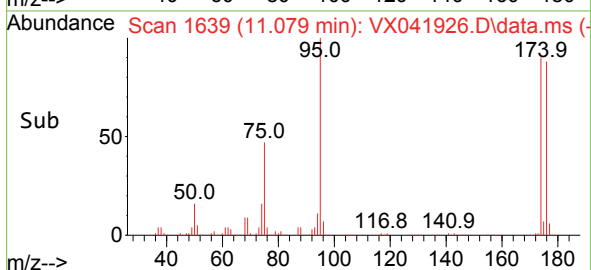
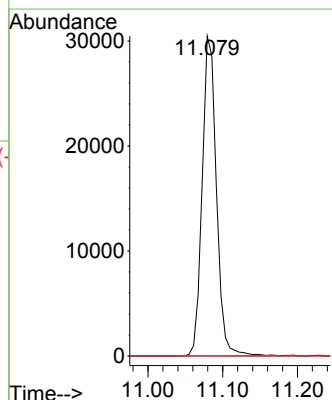
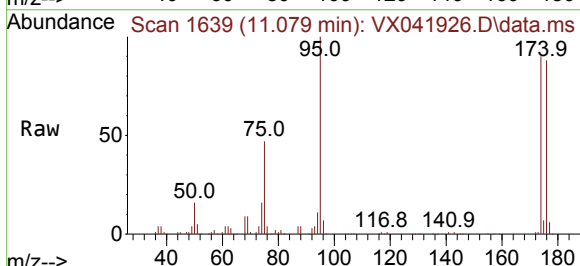
Tgt Ion: 75 Resp: 40391

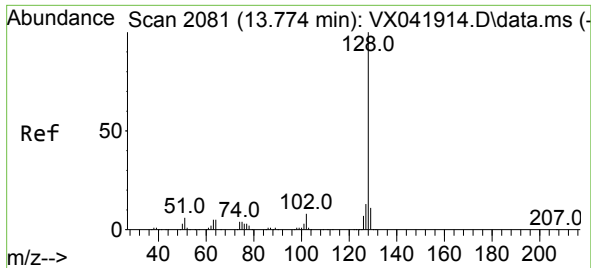
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.820 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX041926.D

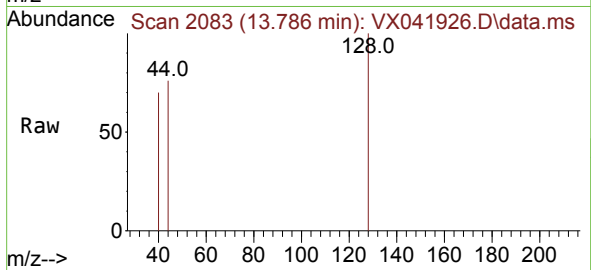
Acq: 18 Jun 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-TB-20240614



Tgt Ion:128 Resp: 530

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

