

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042089.D
 Acq On : 28 Jun 2024 16:38
 Operator : JC/MD
 Sample : P3127-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-EB-20240625

Quant Time: Jun 29 04:21:55 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)

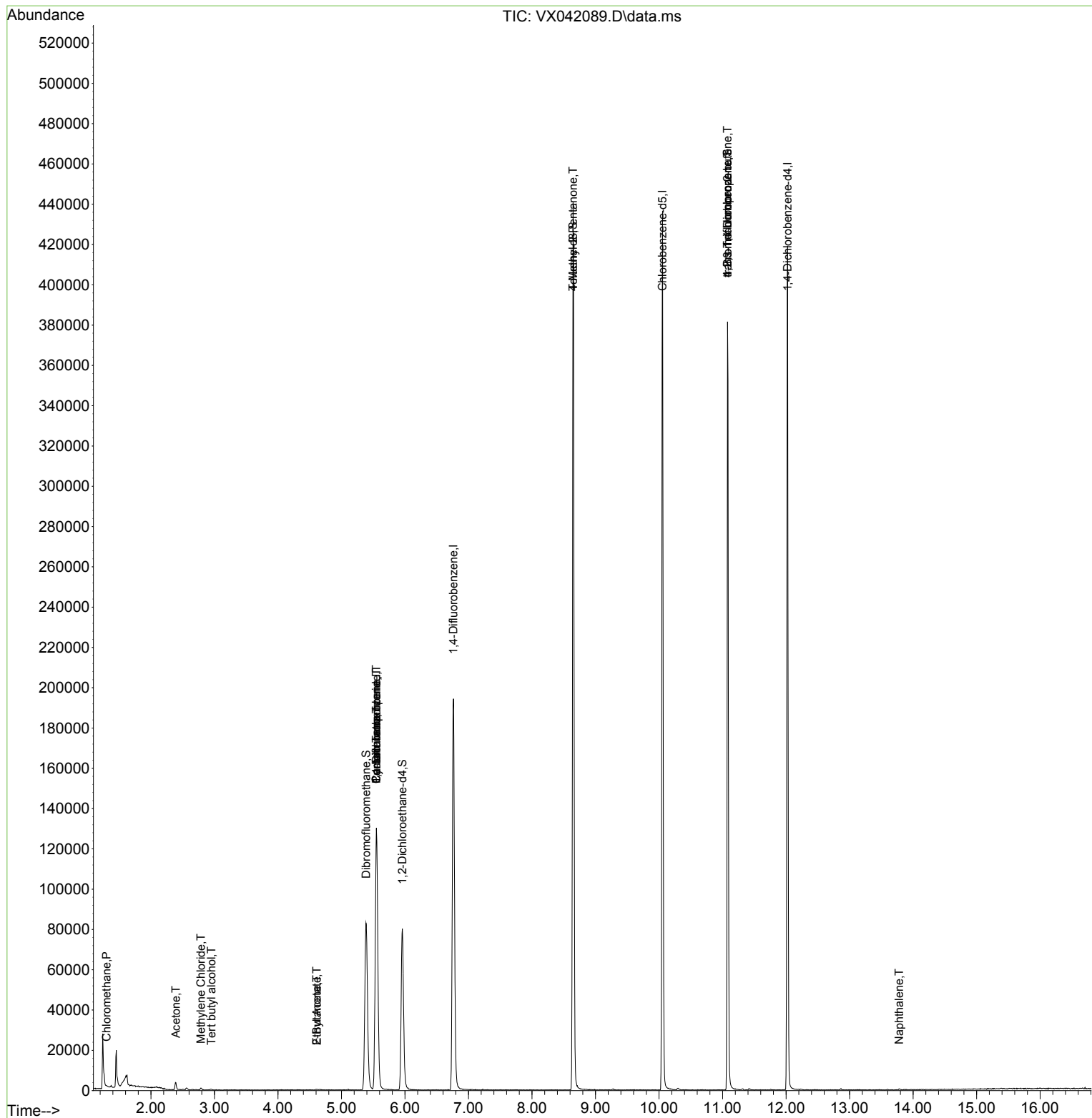
Internal Standards						
1) Pentafluorobenzene	5.550	168	145227	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220193	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75478	45.071	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.140%		
35) Dibromofluoromethane	5.385	113	76276	48.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.640%		
50) Toluene-d8	8.647	98	278525	50.745	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.480%		
62) 4-Bromofluorobenzene	11.079	95	101075	49.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.920%		
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	466	0.336	ug/l #	80
6) Chloroethane	1.672	64	101	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	150	0.472	ug/l #	78
16) Acetone	2.392	43	4173	5.675	ug/l	96
20) Methylene Chloride	2.788	84	499	0.310	ug/l	94
25) 2-Butanone	4.611	43	902	0.788	ug/l #	78
31) Cyclohexane	5.550	56	2001	1.022	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8047	4.850	ug/l #	50
37) Ethyl Acetate	4.611	43	902	0.417	ug/l #	69
38) Carbon Tetrachloride	5.550	117	12178	6.643	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1003	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45435	24.272	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45435	68.930	ug/l #	5
95) Naphthalene	13.780	128	637	0.833	ug/l #	69

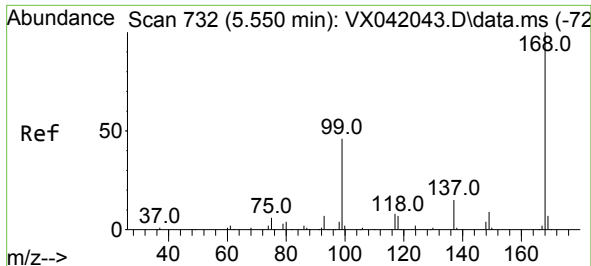
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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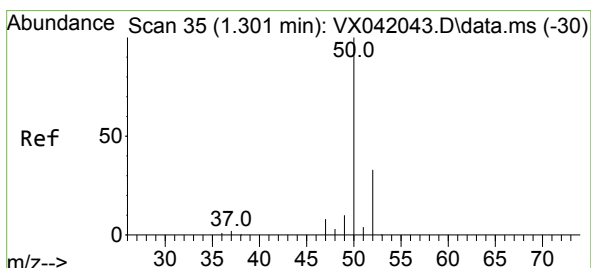
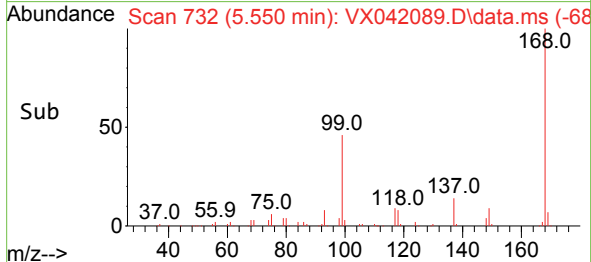
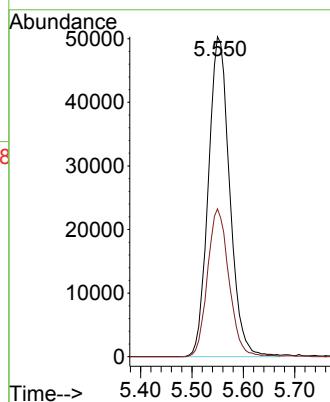
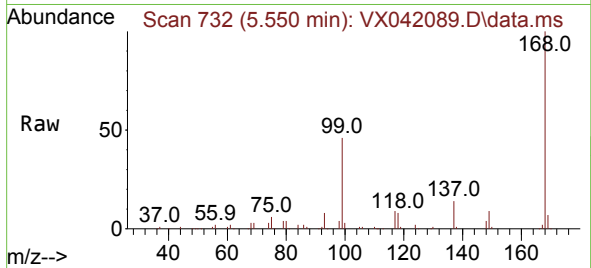




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

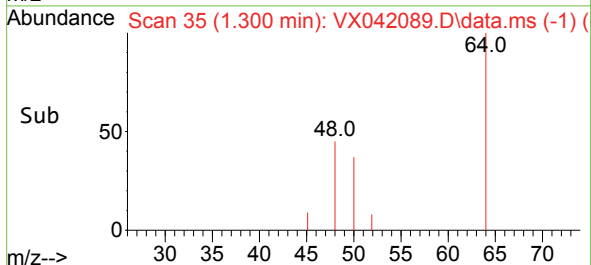
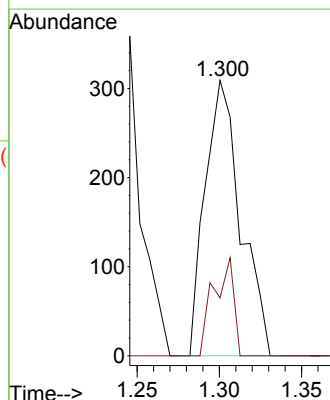
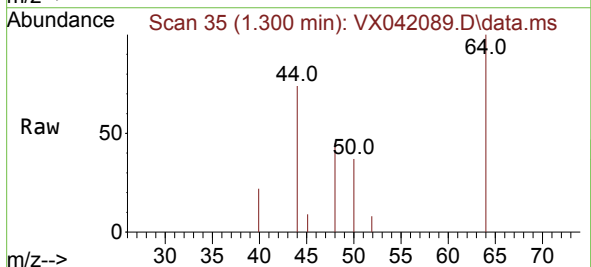
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625

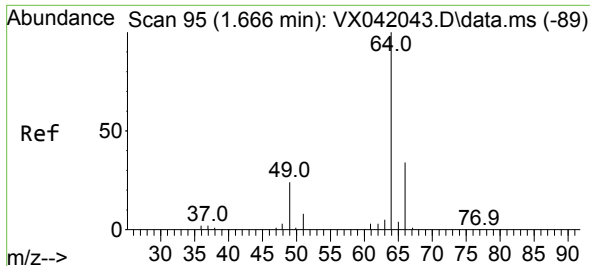
Tgt Ion:168 Resp: 145227
Ion Ratio Lower Upper
168 100
99 46.2 56.6 85.0#



#3
Chloromethane
Concen: 0.336 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 21.0 25.5 38.3#

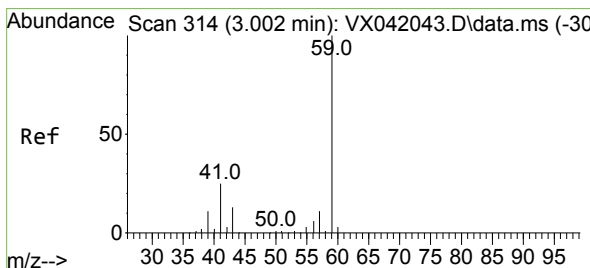
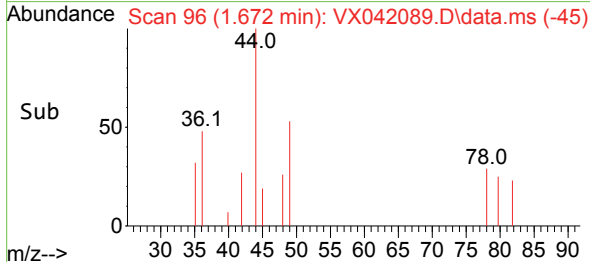
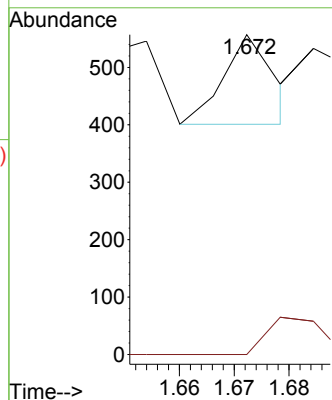
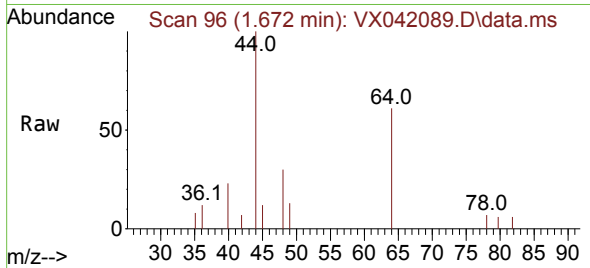




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

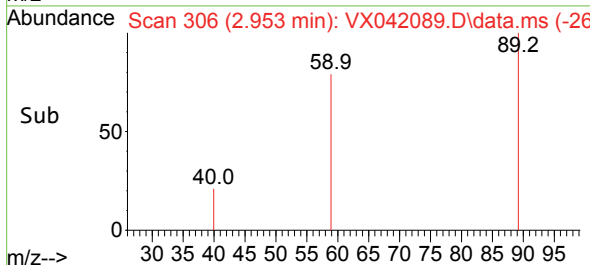
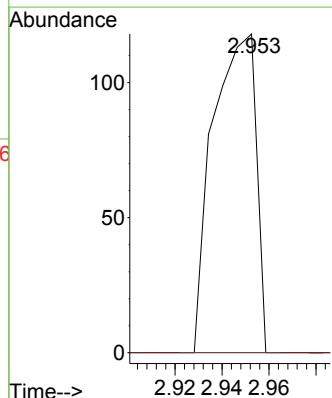
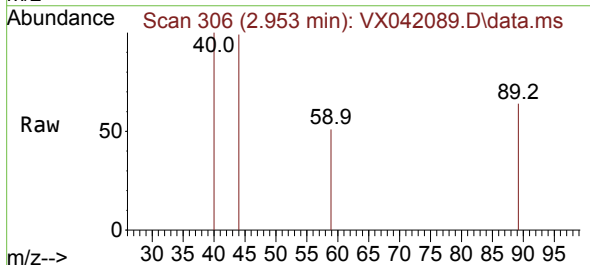
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625

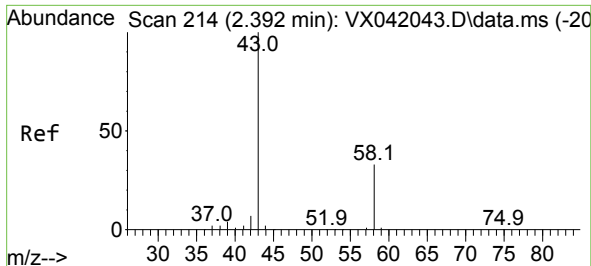
Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.472 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.055 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 5.675 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042089.D

Acq: 28 Jun 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

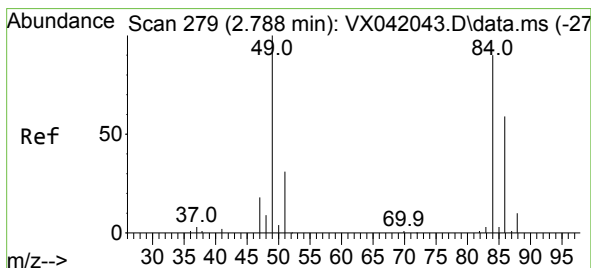
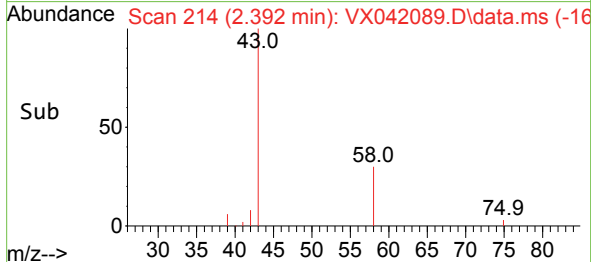
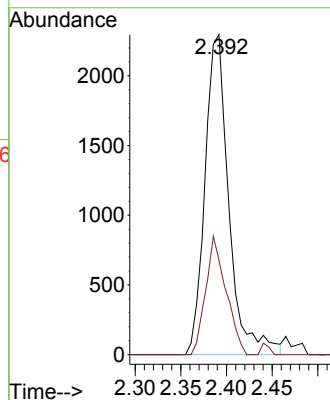
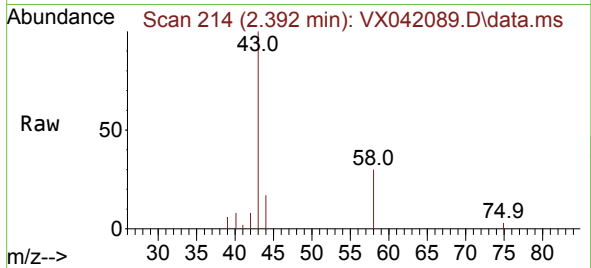
BP-VPB-196-EB-20240625

Tgt Ion: 43 Resp: 4173

Ion Ratio Lower Upper

43 100

58 29.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.310 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042089.D

Acq: 28 Jun 2024 16:38

Tgt Ion: 84 Resp: 499

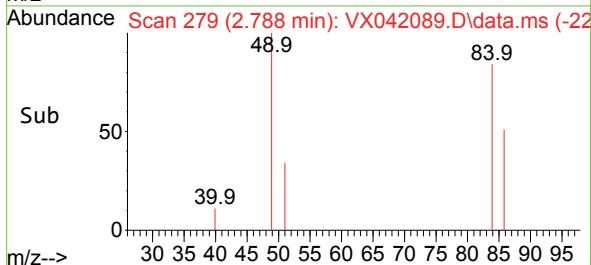
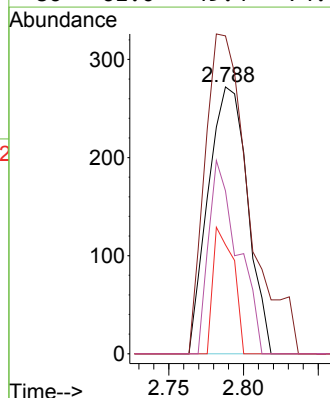
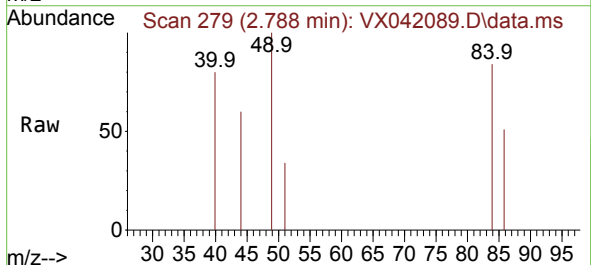
Ion Ratio Lower Upper

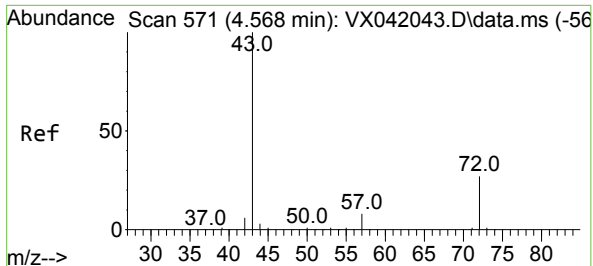
84 100

49 119.1 103.6 155.4

51 40.8 33.8 50.6

86 61.0 49.4 74.0





#25

2-Butanone

Concen: 0.788 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX042089.D

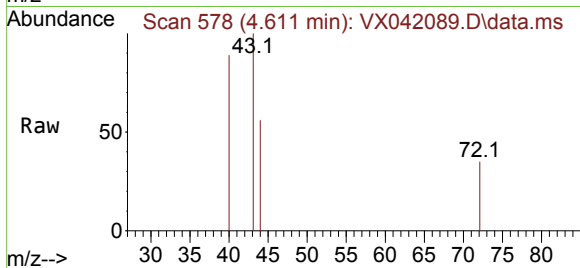
Acq: 28 Jun 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240625

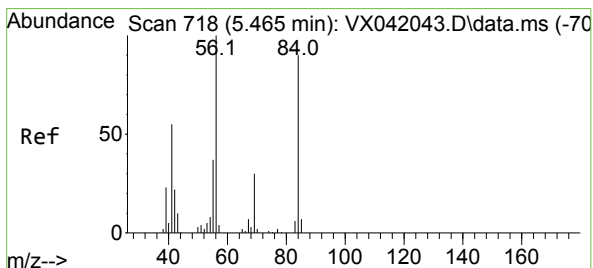
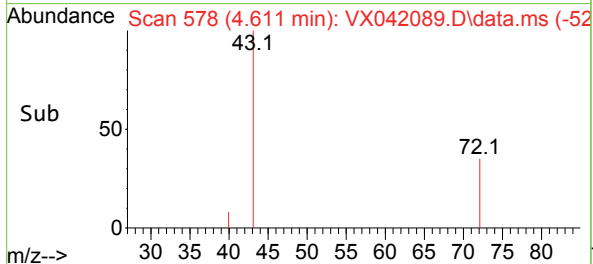
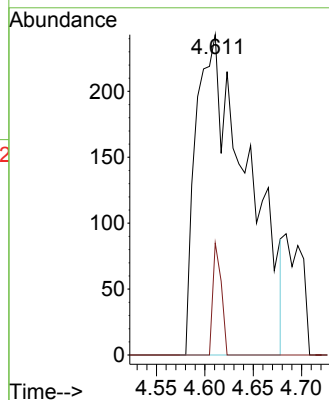


Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

43 100

72 35.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.022 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX042089.D

Acq: 28 Jun 2024 16:38

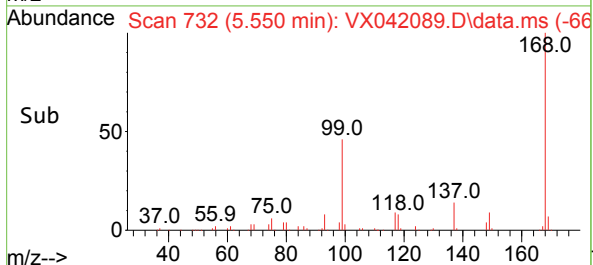
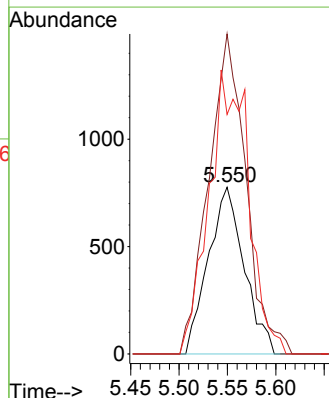
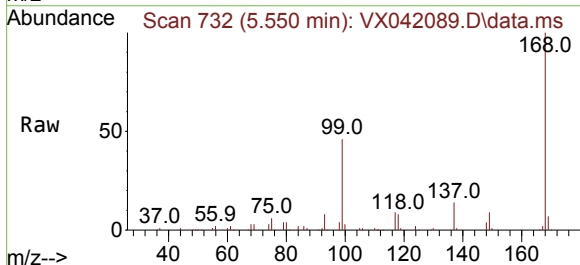
Tgt Ion: 56 Resp: 2001

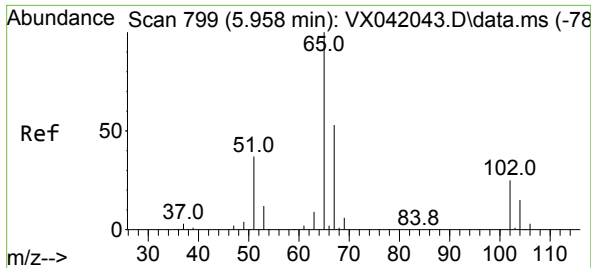
Ion Ratio Lower Upper

56 100

69 192.0 23.4 35.2#

84 143.7 65.9 98.9#

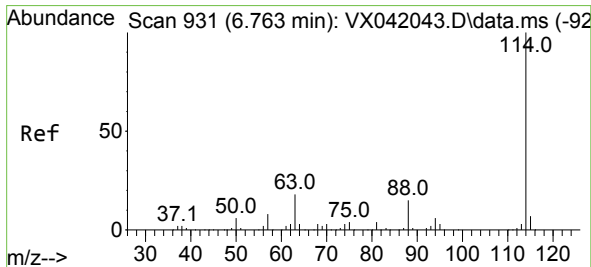
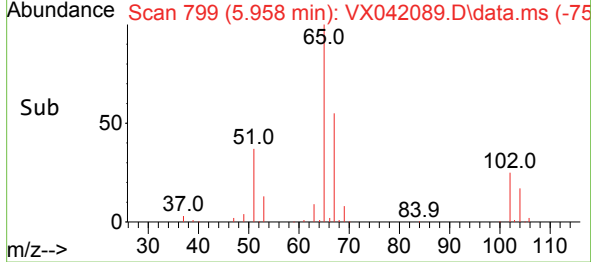
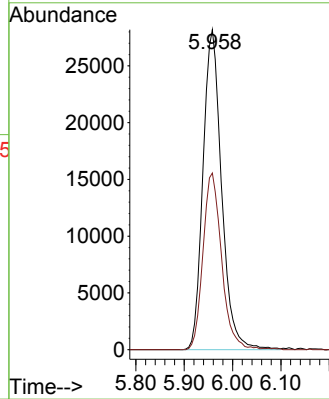
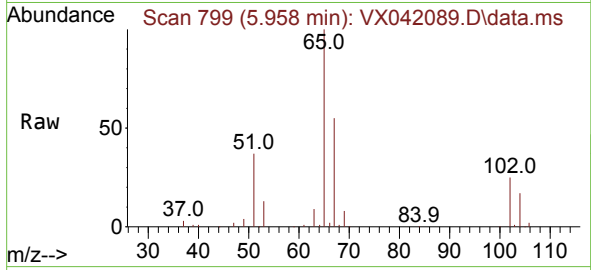




#33
 1,2-Dichloroethane-d4
 Concen: 45.071 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX042089.D
 Acq: 28 Jun 2024 16:38

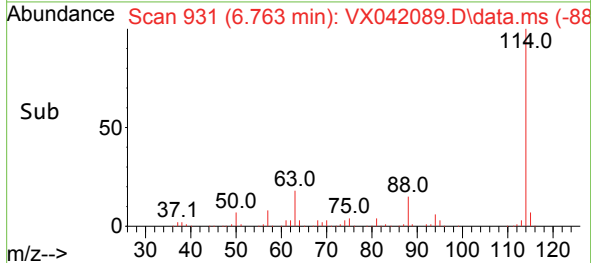
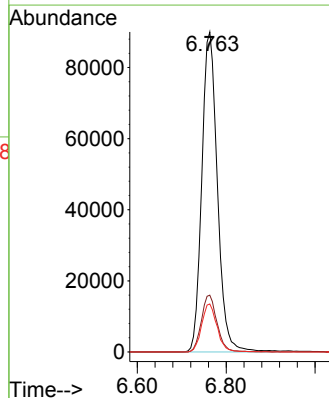
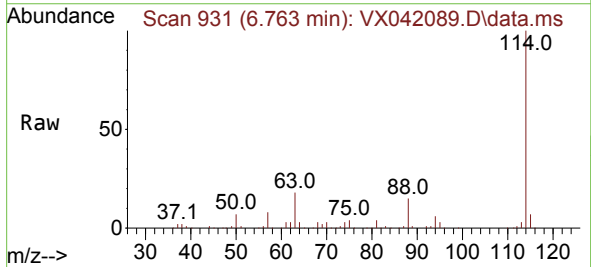
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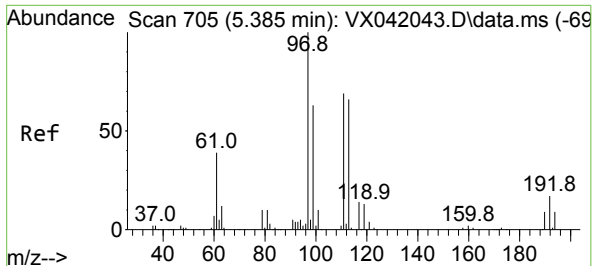
Tgt Ion: 65 Resp: 75478
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042089.D
 Acq: 28 Jun 2024 16:38

Tgt Ion: 114 Resp: 220193
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 45.0
 88 15.0 0.0 36.6

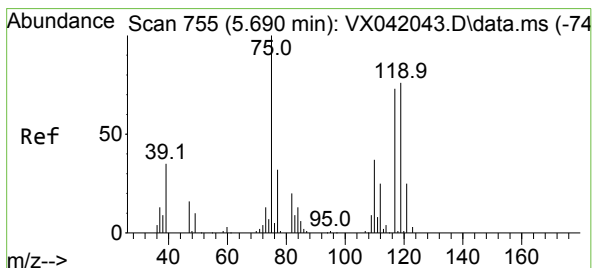
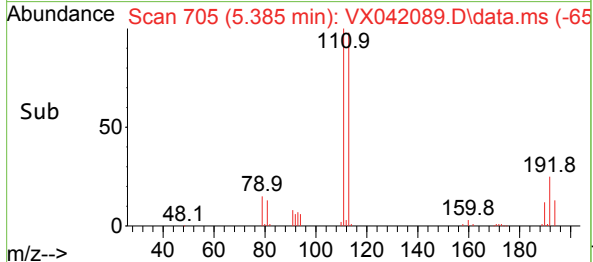
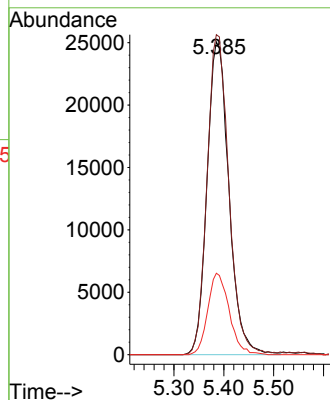
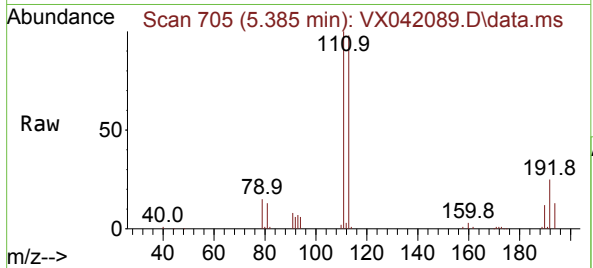




#35
Dibromofluoromethane
Concen: 48.820 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

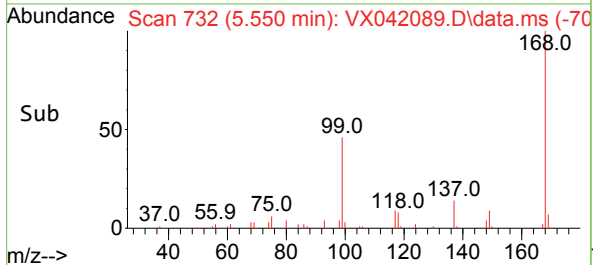
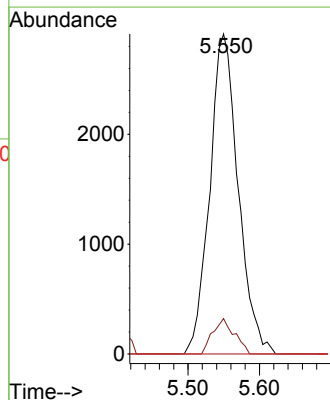
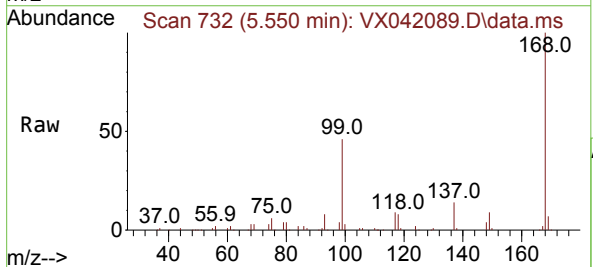
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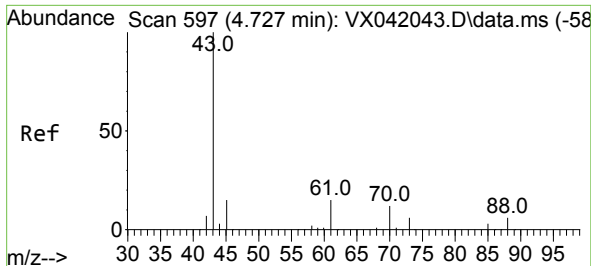
Tgt Ion:113 Resp: 76276
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.850 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

Tgt Ion: 75 Resp: 8047
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.417 ug/l

RT: 4.611 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX042089.D

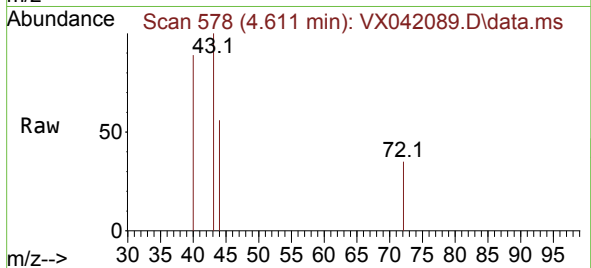
Acq: 28 Jun 2024 16:38

Instrument :

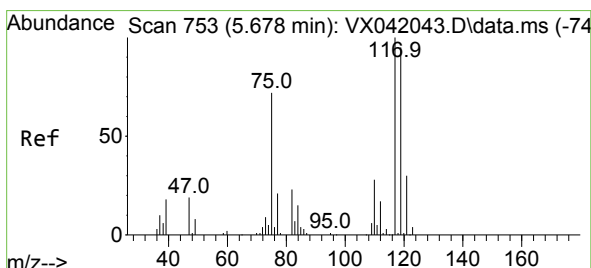
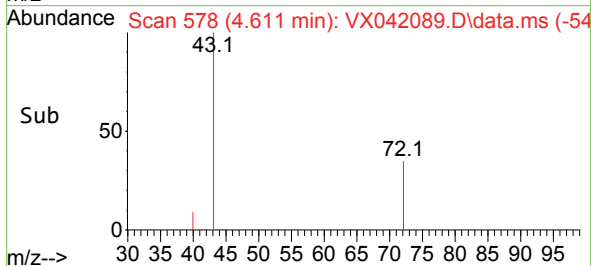
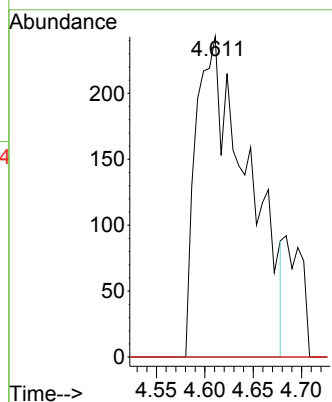
MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240625



Tgt Ion: 43	Resp: 902
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.643 ug/l

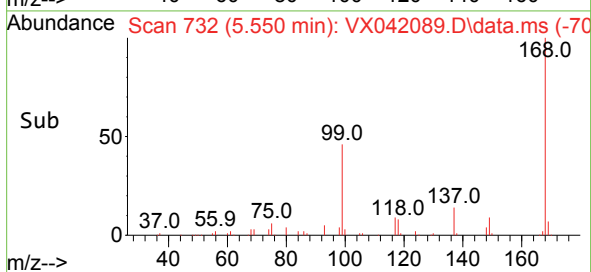
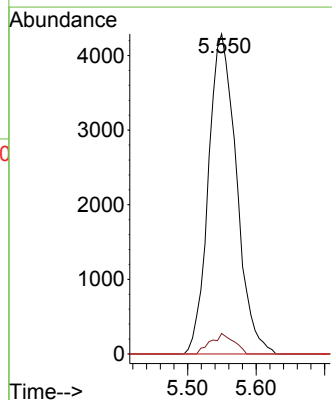
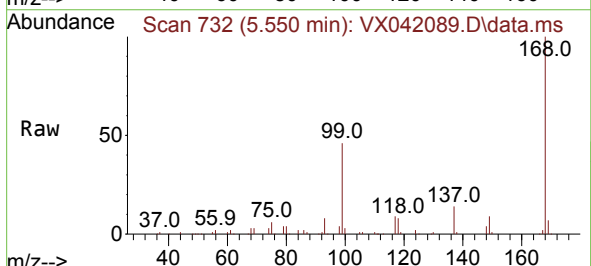
RT: 5.550 min Scan# 732

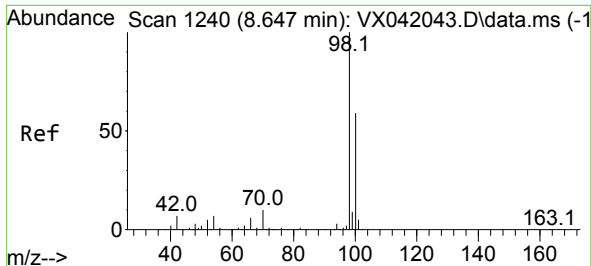
Delta R.T. -0.128 min

Lab File: VX042089.D

Acq: 28 Jun 2024 16:38

Tgt Ion: 117	Resp: 12178
Ion Ratio	Lower Upper
117	100
119	6.4 78.2 117.2#
121	0.0 24.4 36.6#

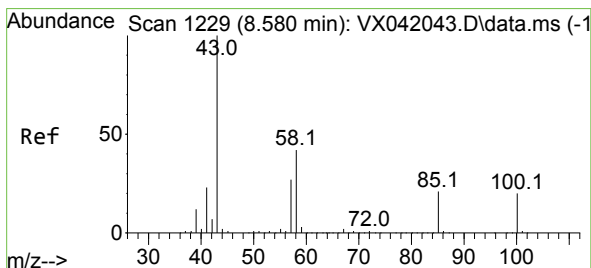
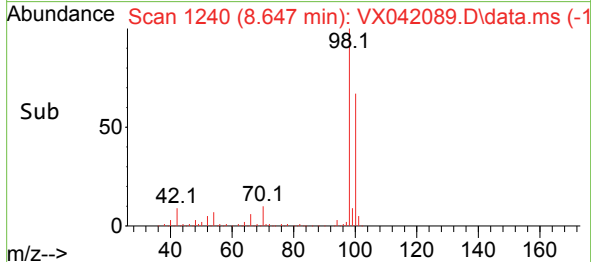
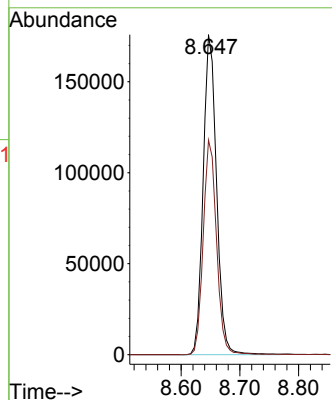
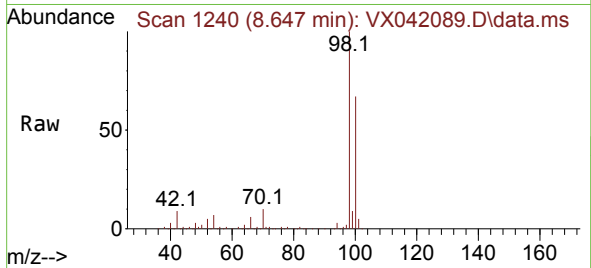




#50
Toluene-d8
Concen: 50.745 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

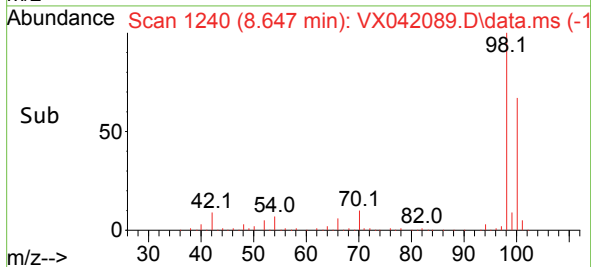
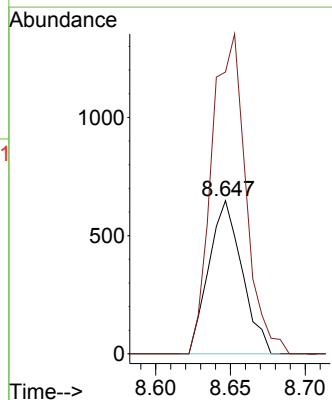
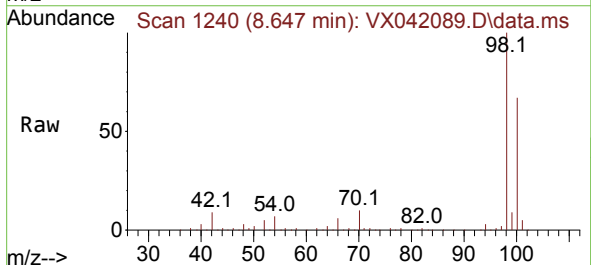
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625

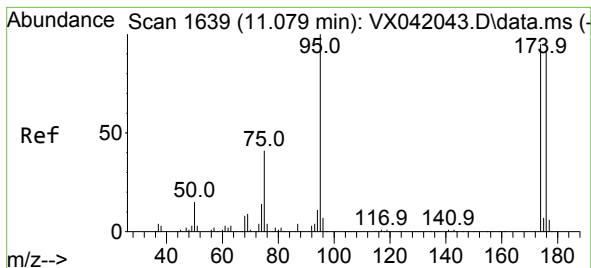
Tgt Ion: 98 Resp: 278525
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.439 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 214.0 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 49.956 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042089.D

Acq: 28 Jun 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240625

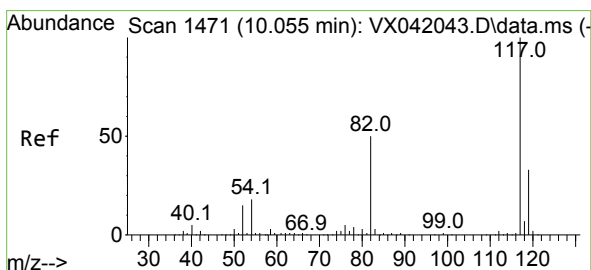
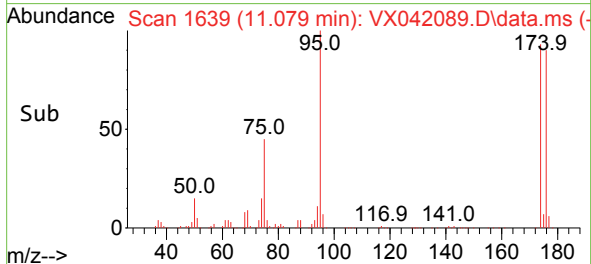
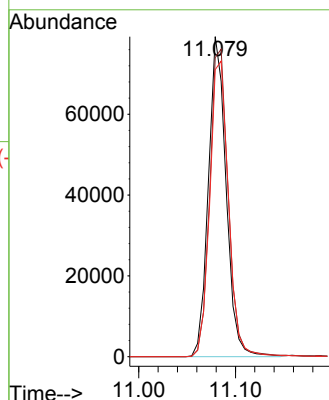
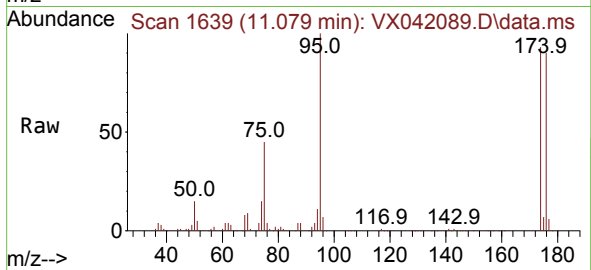
Tgt Ion: 95 Resp: 101075

Ion Ratio Lower Upper

95 100

174 100.8 0.0 135.6

176 98.1 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: VX042089.D

Acq: 28 Jun 2024 16:38

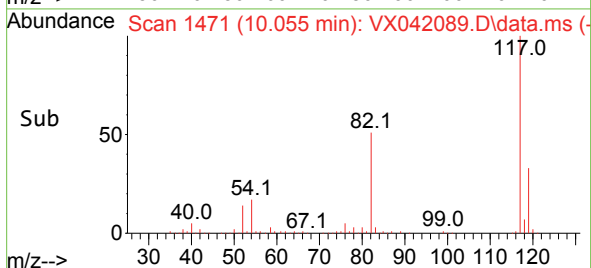
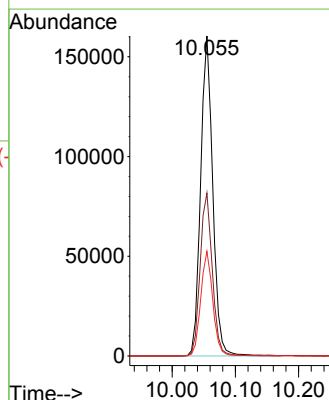
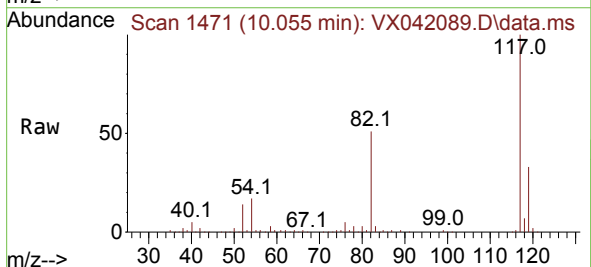
Tgt Ion: 117 Resp: 214668

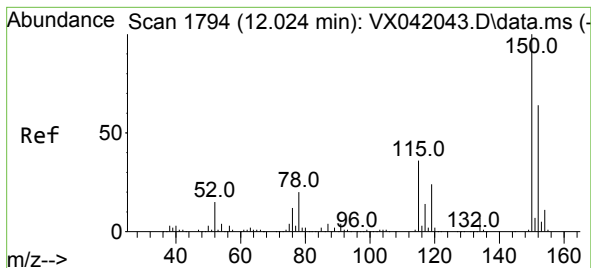
Ion Ratio Lower Upper

117 100

82 50.9 46.2 69.4

119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042089.D

Acq: 28 Jun 2024 16:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-EB-20240625

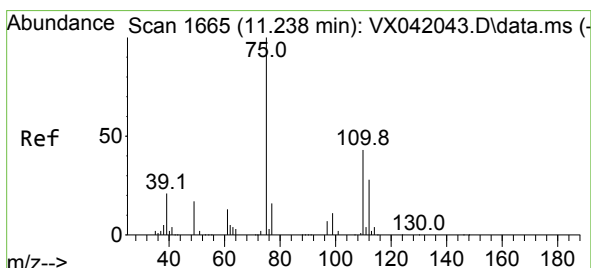
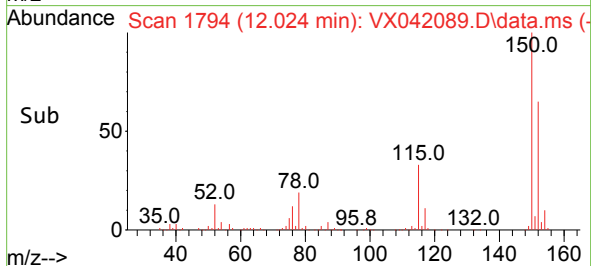
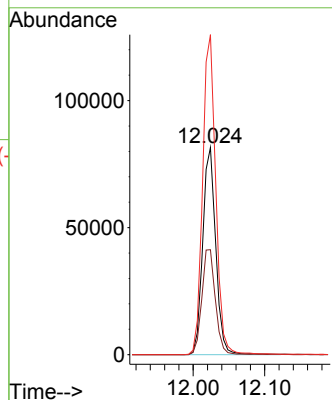
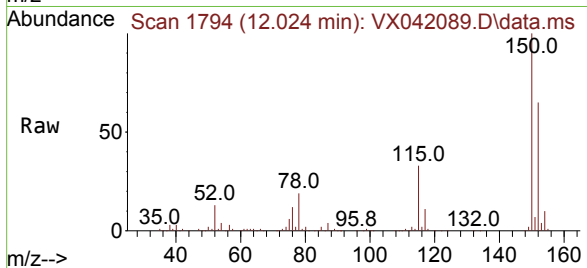
Tgt Ion:152 Resp: 103113

Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.272 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042089.D

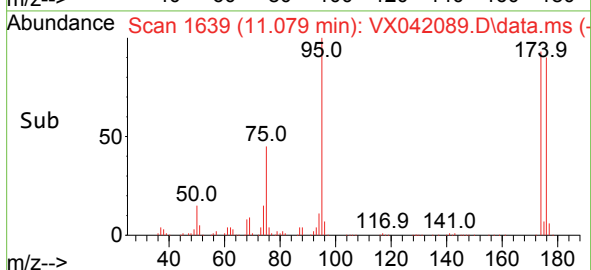
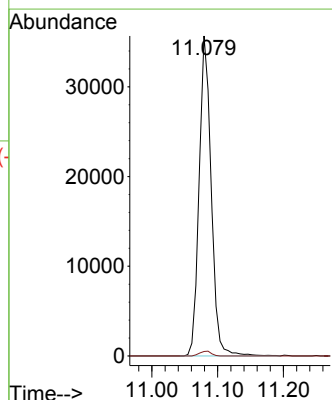
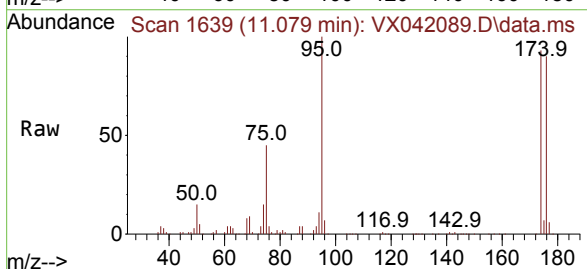
Acq: 28 Jun 2024 16:38

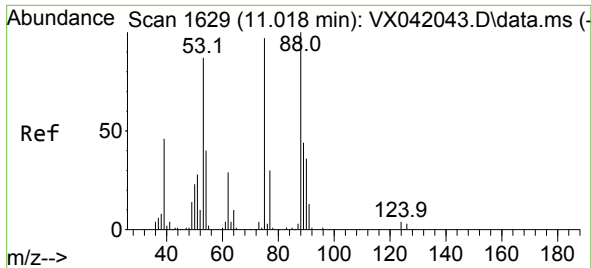
Tgt Ion: 75 Resp: 45435

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#

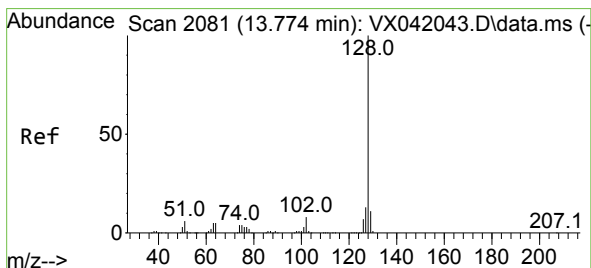
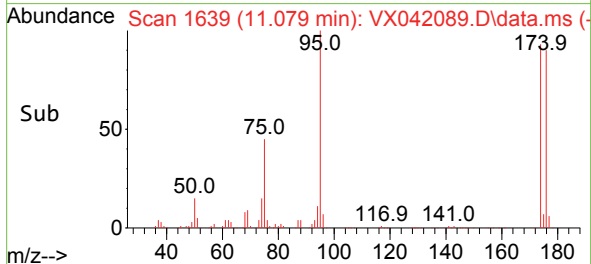
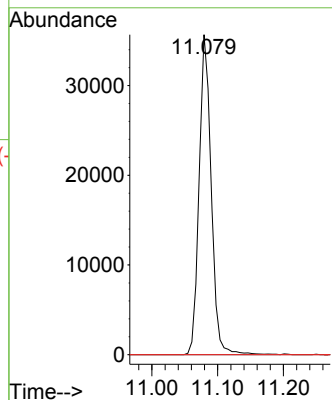
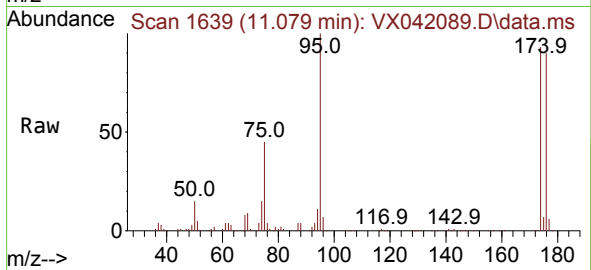




#81
trans-1,4-Dichloro-2-butene
Concen: 68.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-EB-20240625

Tgt Ion: 75 Resp: 45435
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.833 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042089.D
Acq: 28 Jun 2024 16:38

Tgt Ion: 128 Resp: 637
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

