

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042038.D
 Acq On : 25 Jun 2024 17:31
 Operator : JC/MD
 Sample : P3056-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-720-722

Quant Time: Jun 26 05:41:46 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	129527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	199010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65987	44.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.360%
35) Dibromofluoromethane	5.385	113	63529	44.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.980%
50) Toluene-d8	8.647	98	231787	46.724	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.440%
62) 4-Bromofluorobenzene	11.079	95	82936	45.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.700%

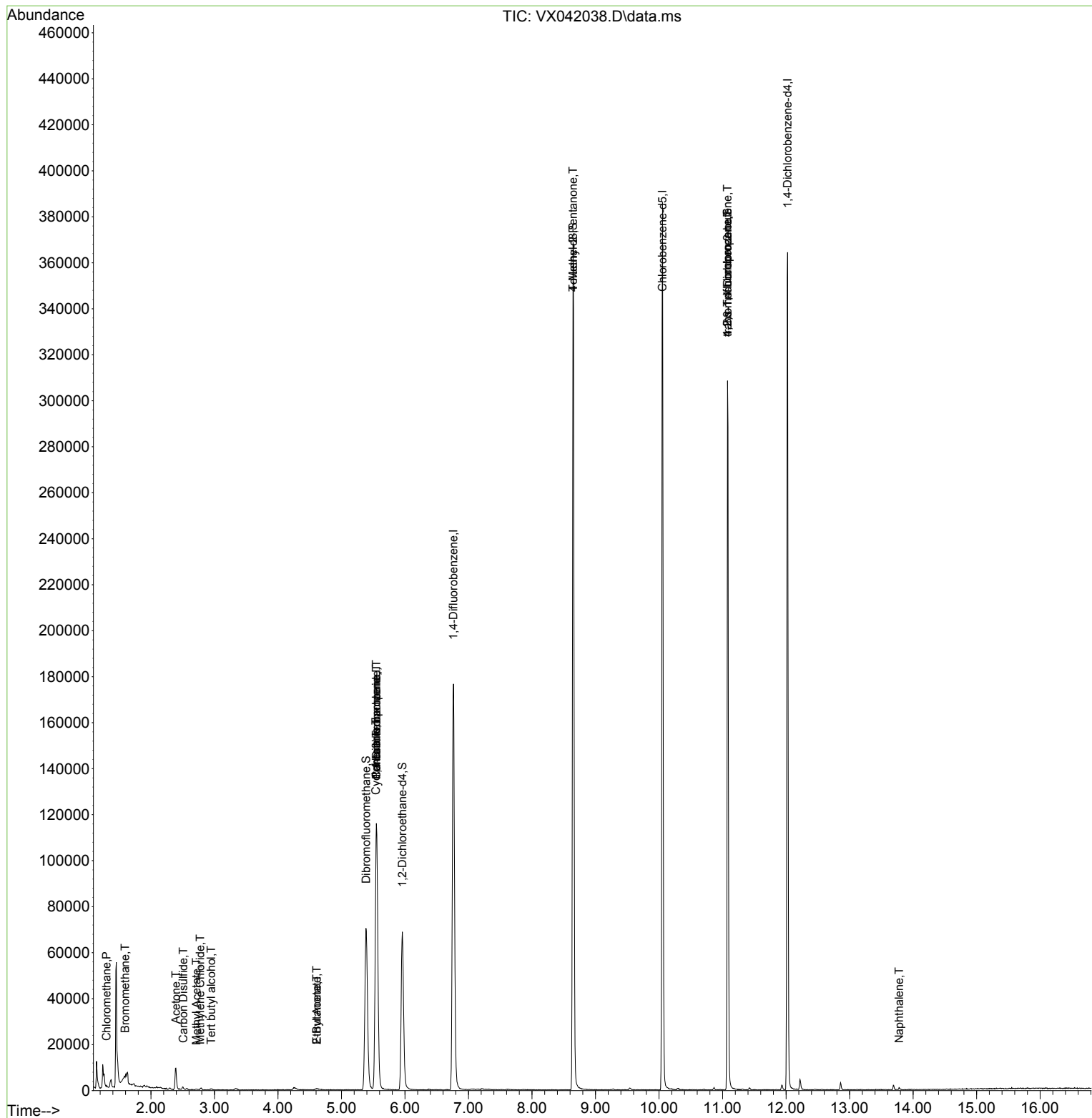
Target Compounds					Qvalue
3) Chloromethane	1.301	50	430	0.347 ug/l	# 84
5) Bromomethane	1.593	94	135	0.220 ug/l	# 3
6) Chloroethane	1.654	64	261	Below Cal	# 43
11) Tert butyl alcohol	2.947	59	381	1.344 ug/l	# 78
16) Acetone	2.392	43	10081	15.371 ug/l	# 88
17) Carbon Disulfide	2.508	76	1558	0.684 ug/l	# 92
18) Methyl Acetate	2.715	43	631	0.353 ug/l	# 64
20) Methylene Chloride	2.776	84	462	0.322 ug/l	# 43
25) 2-Butanone	4.611	43	1459	1.430 ug/l	# 79
31) Cyclohexane	5.544	56	1809	1.036 ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7466	4.979 ug/l	# 50
37) Ethyl Acetate	4.611	43	1459	0.747 ug/l	# 69
38) Carbon Tetrachloride	5.550	117	11039	6.663 ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	940	0.455 ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	37515	23.015 ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	37515	65.362 ug/l	# 5
95) Naphthalene	13.780	128	971	0.896 ug/l	# 91

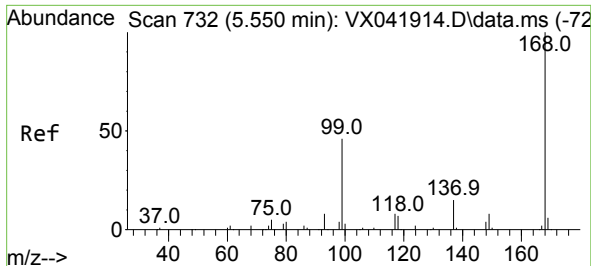
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

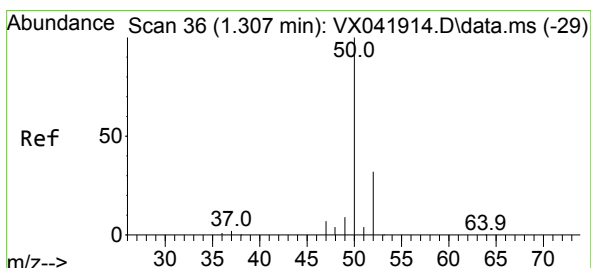
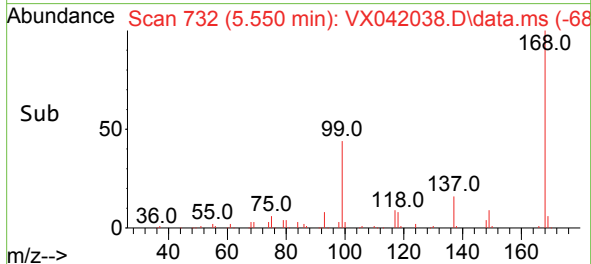
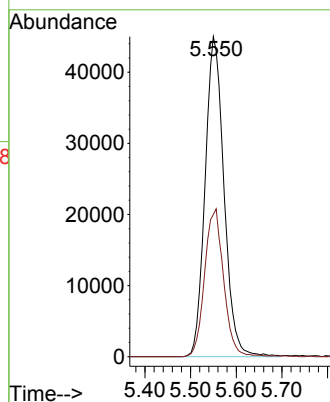
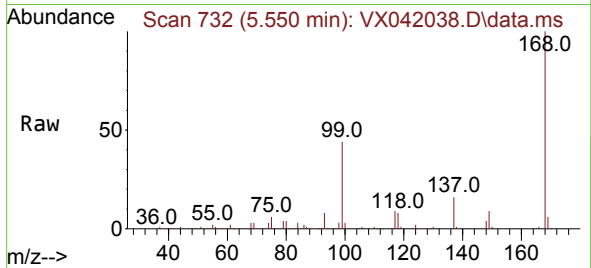




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

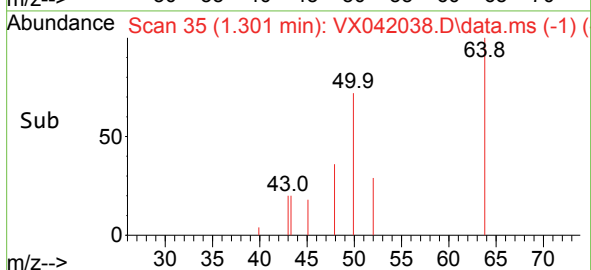
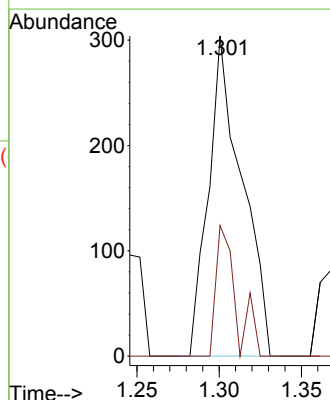
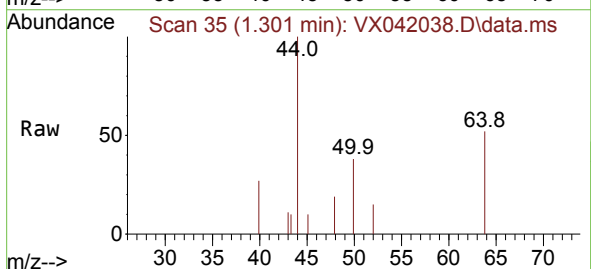
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722

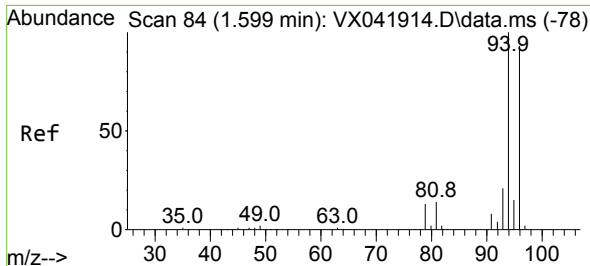
Tgt Ion:168 Resp: 129527
Ion Ratio Lower Upper
168 100
99 44.4 56.6 85.0#



#3
Chloromethane
Concen: 0.347 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 40.8 25.5 38.3#

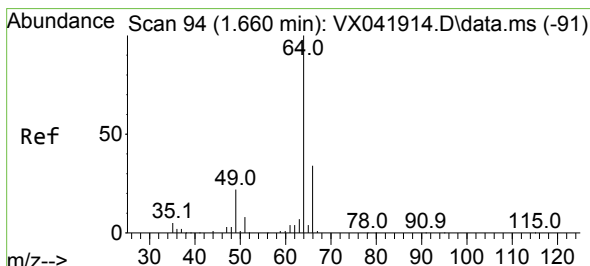
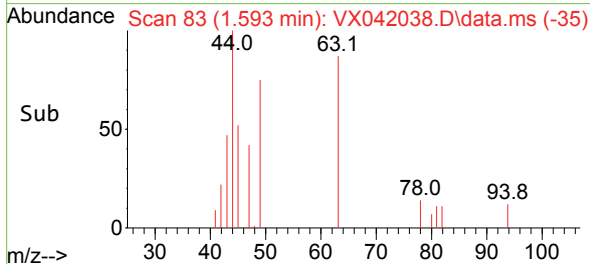
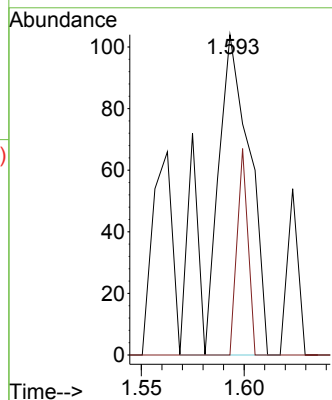
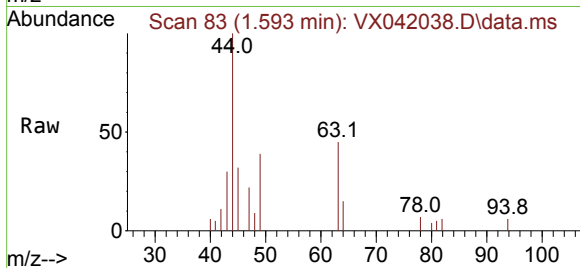




#5
Bromomethane
Concen: 0.220 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

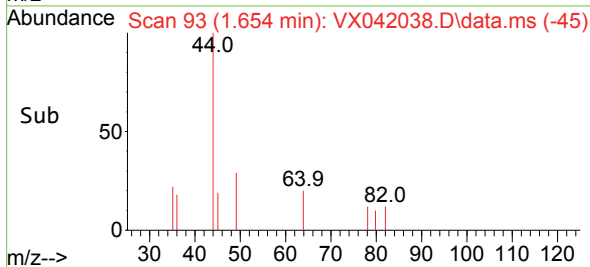
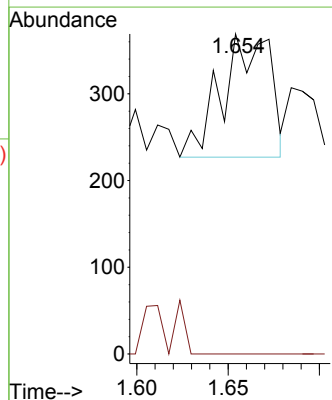
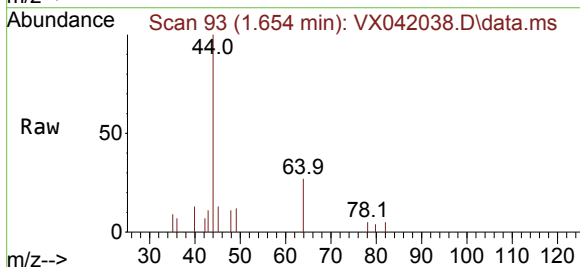
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722

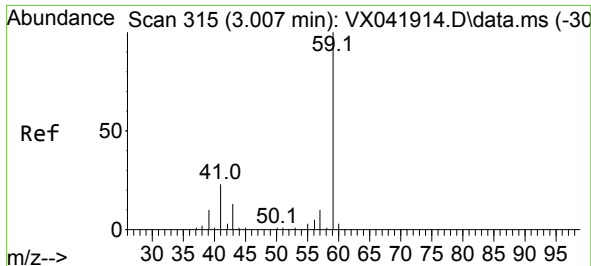
Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

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





#11

Tert butyl alcohol

Concen: 1.344 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX042038.D

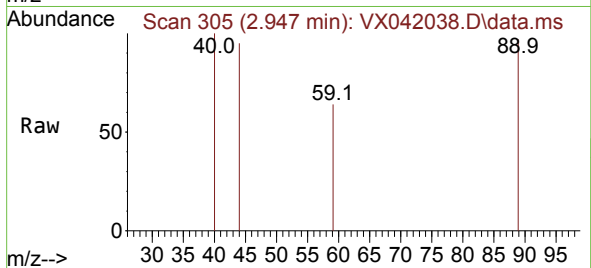
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Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-720-722

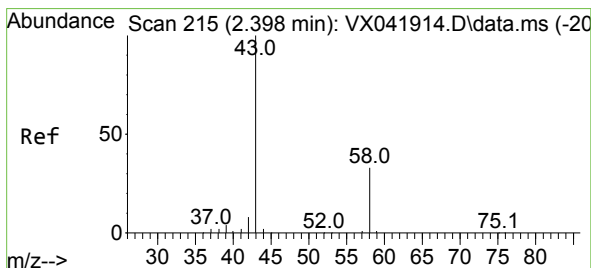
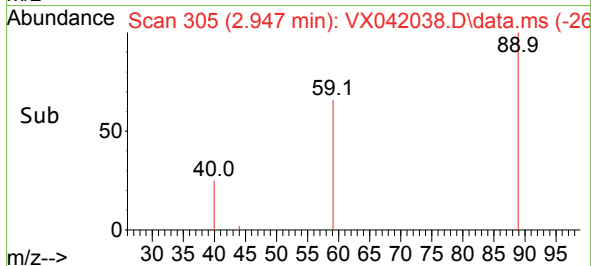
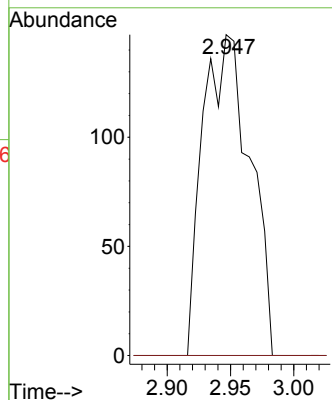


Tgt Ion: 59 Resp: 381

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 15.371 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042038.D

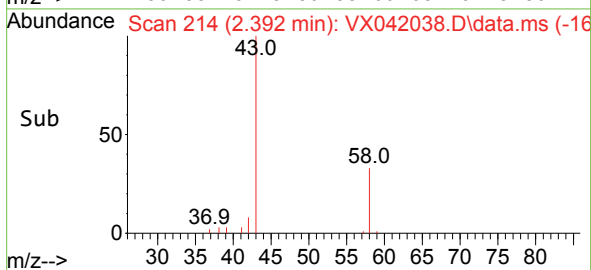
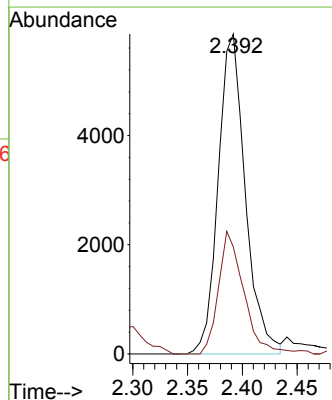
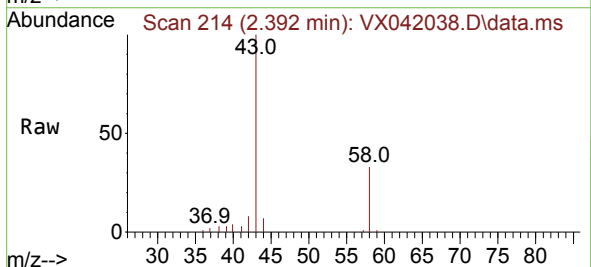
Acq: 25 Jun 2024 17:31

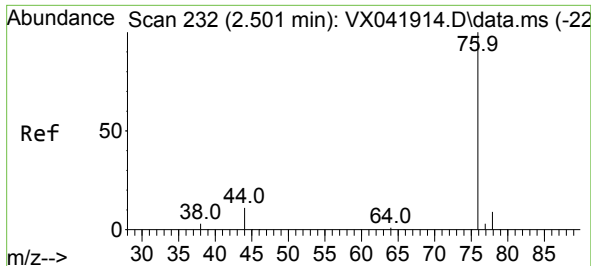
Tgt Ion: 43 Resp: 10081

Ion Ratio Lower Upper

43 100

58 33.5 21.9 32.9#

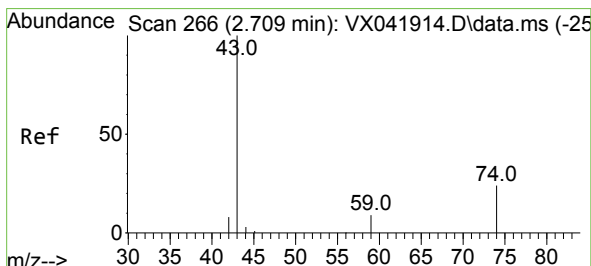
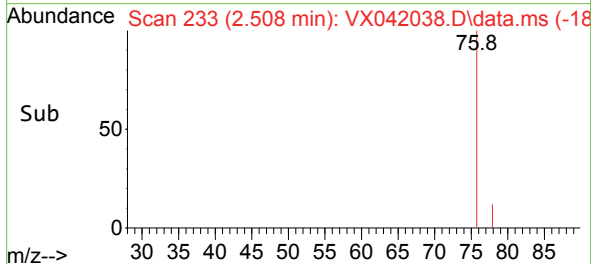
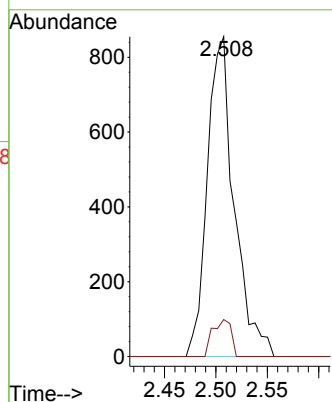
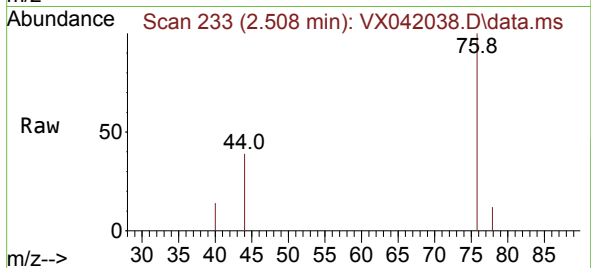




#17
Carbon Disulfide
Concen: 0.684 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

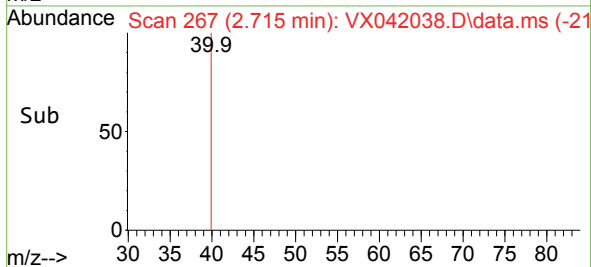
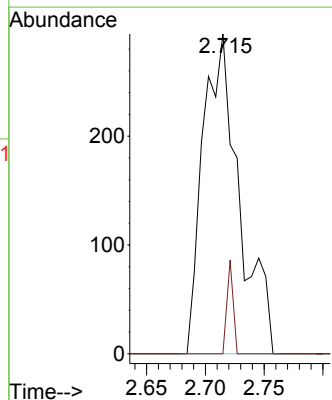
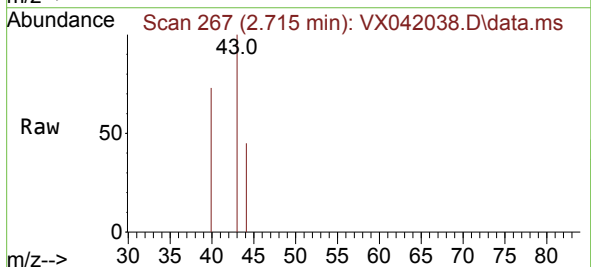
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722

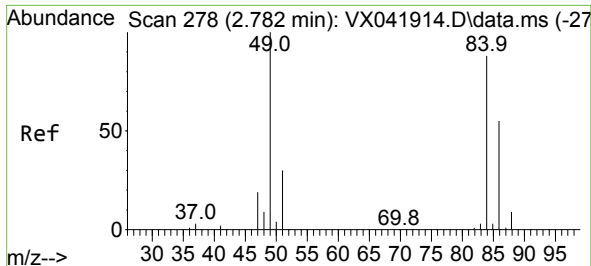
Tgt Ion: 76 Resp: 1558
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.6#



#18
Methyl Acetate
Concen: 0.353 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
74 4.9 17.8 26.8#

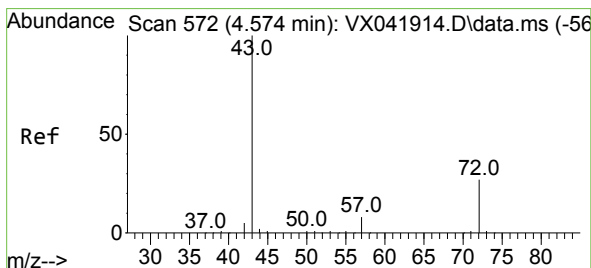
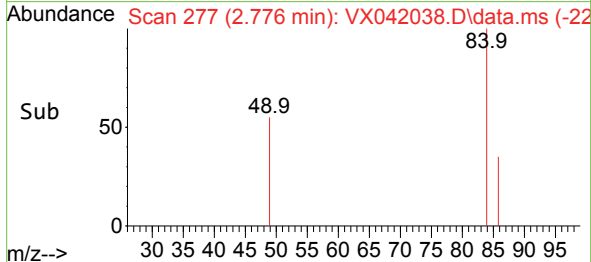
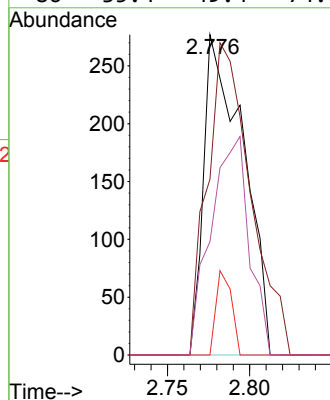
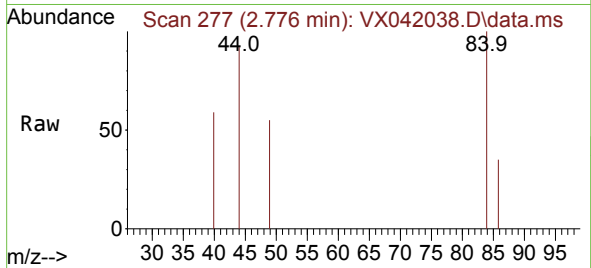




#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

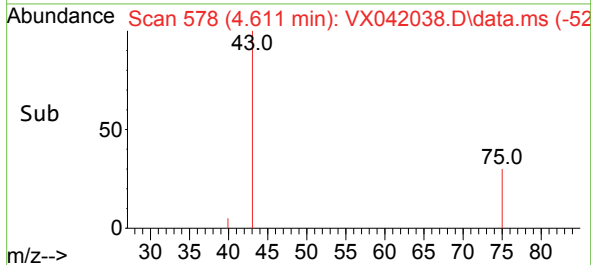
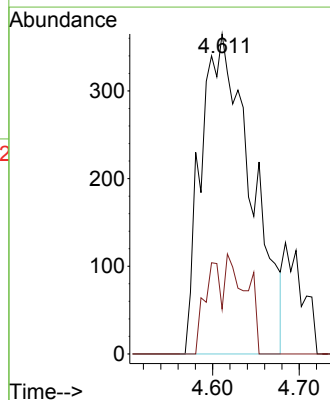
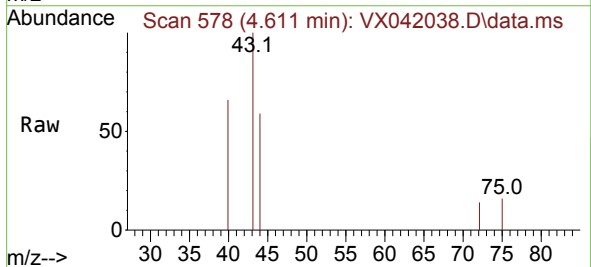
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722

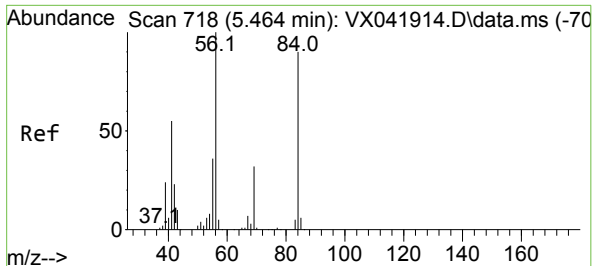
Tgt Ion:	84	Resp:	462
Ion	Ratio	Lower	Upper
84	100		
49	54.9	103.6	155.4#
51	0.0	33.8	50.6#
86	35.4	49.4	74.0#



#25
2-Butanone
Concen: 1.430 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.037 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

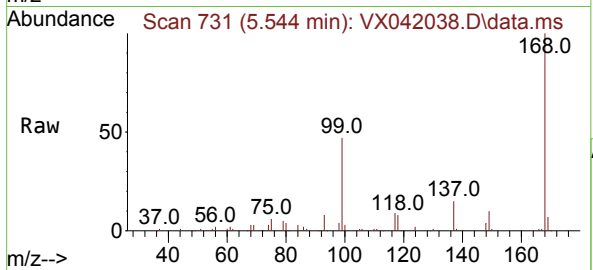
Tgt Ion:	43	Resp:	1459
Ion	Ratio	Lower	Upper
43	100		
72	14.0	19.4	29.2#



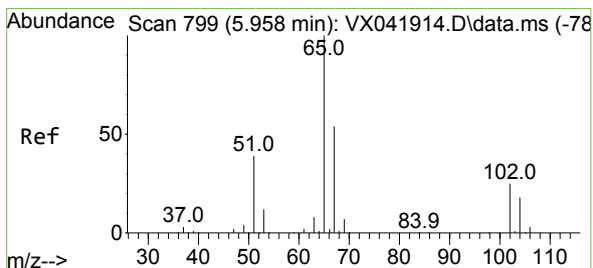
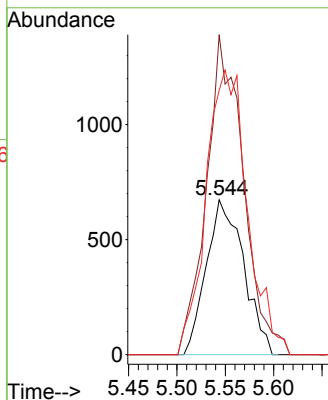
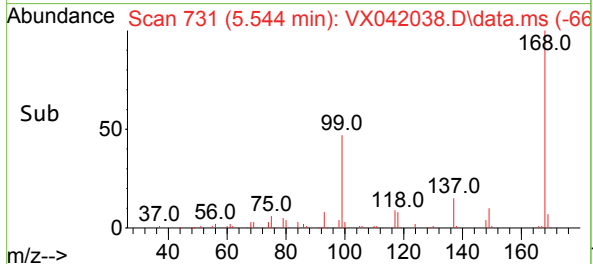


#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Instrument :
MSVOA_X
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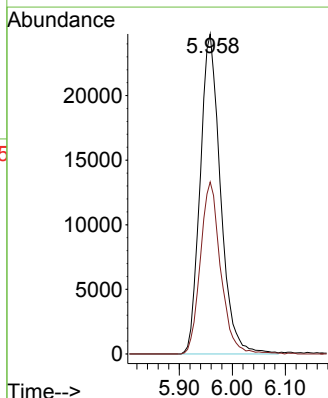
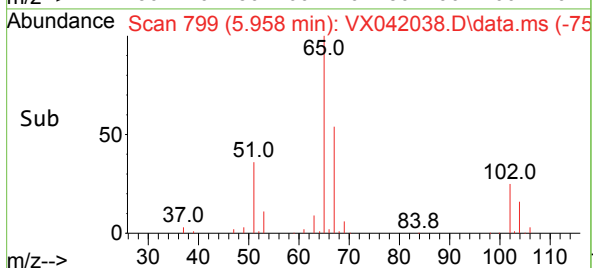
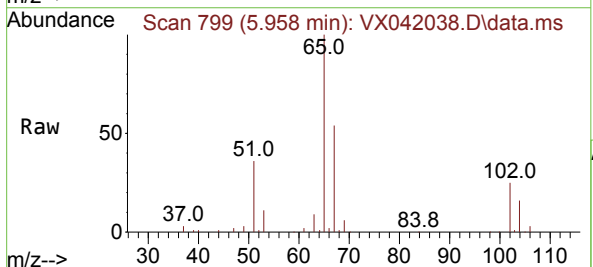


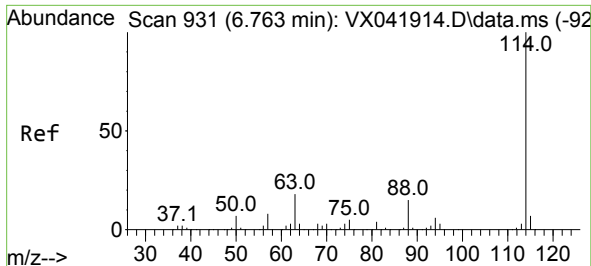
Tgt Ion: 56 Resp: 1809
Ion Ratio Lower Upper
56 100
69 206.7 23.4 35.2#
84 170.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.180 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Tgt Ion: 65 Resp: 65987
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

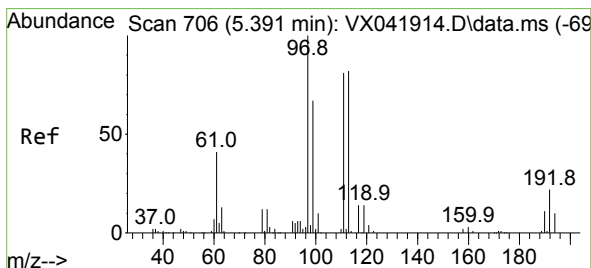
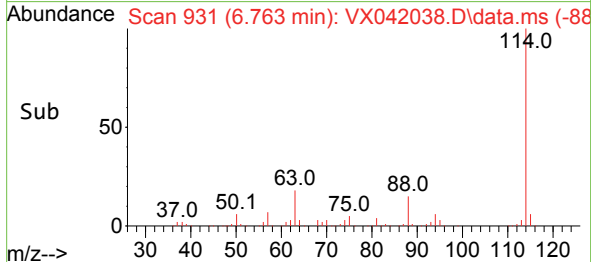
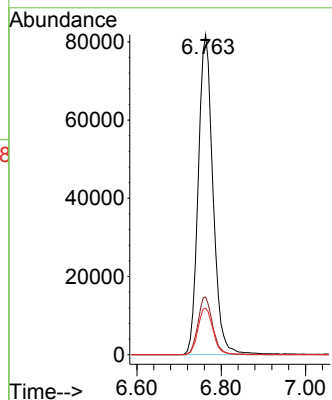
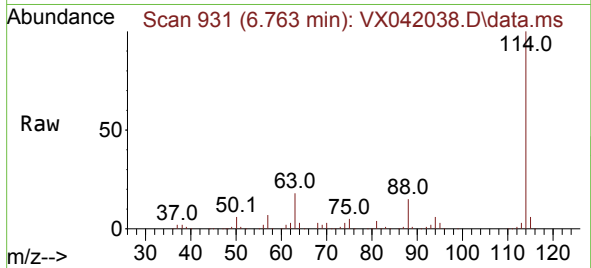




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

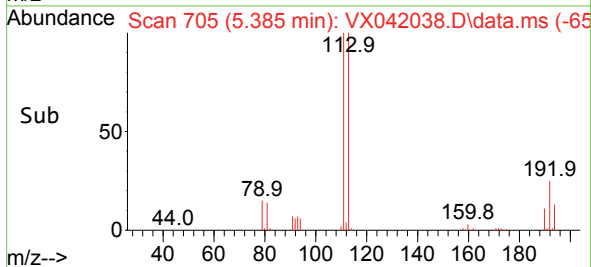
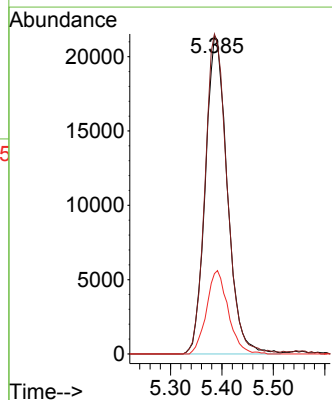
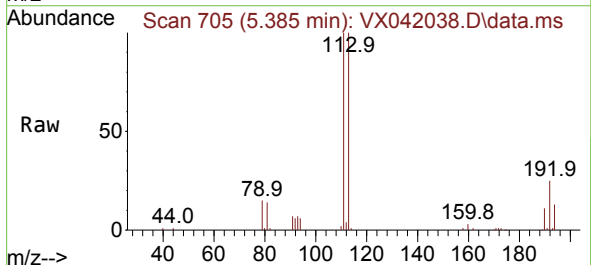
Instrument :
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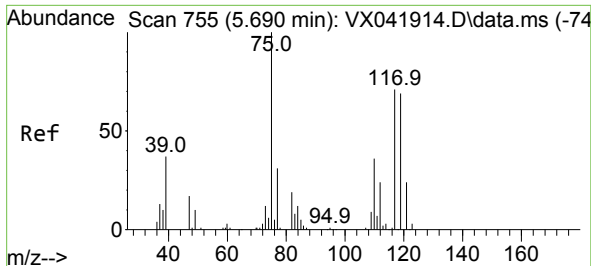
Tgt Ion:114 Resp: 199010
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.990 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Tgt Ion:113 Resp: 63529
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 25.9 13.3 19.9#

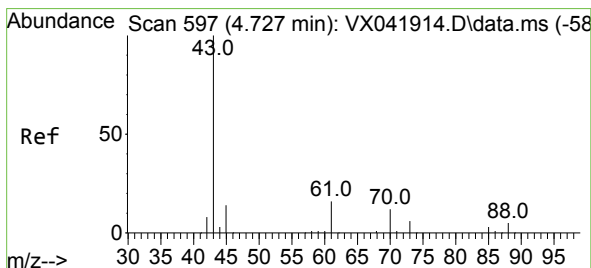
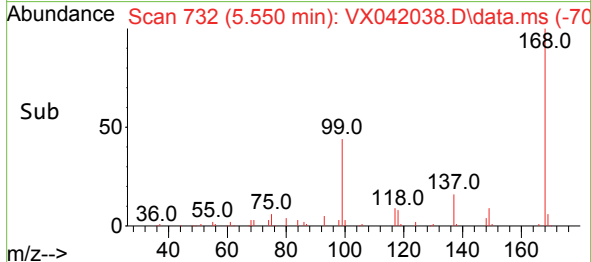
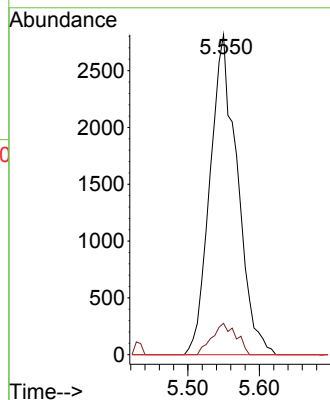
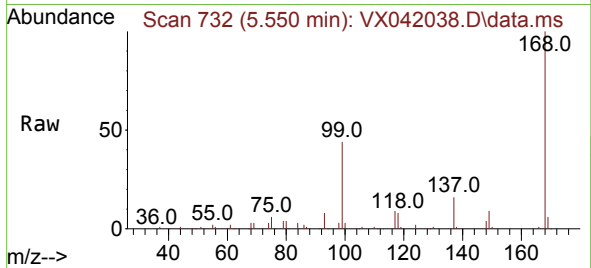




#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

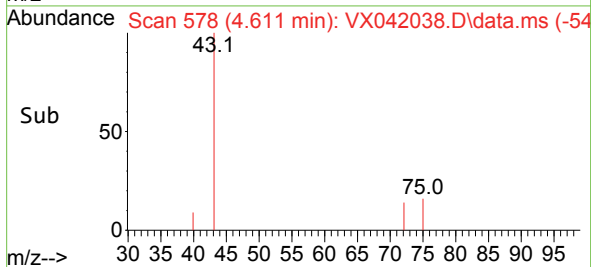
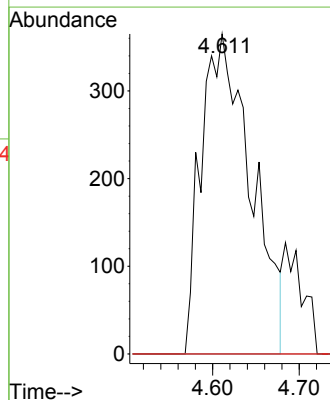
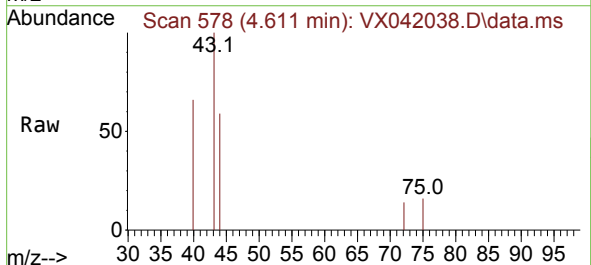
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722

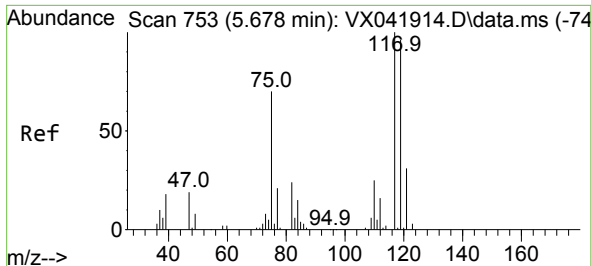
Tgt Ion: 75 Resp: 7466
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.747 ug/l
RT: 4.611 min Scan# 578
Delta R.T. -0.116 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

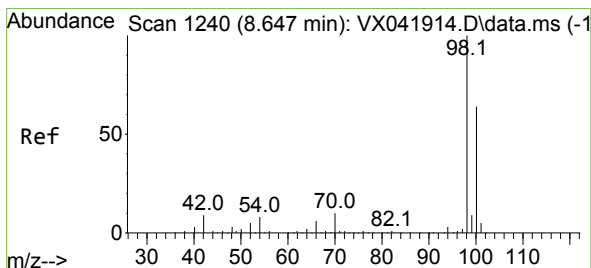
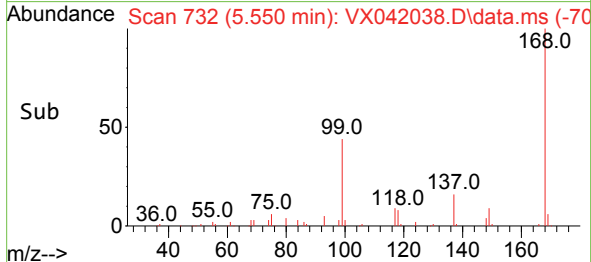
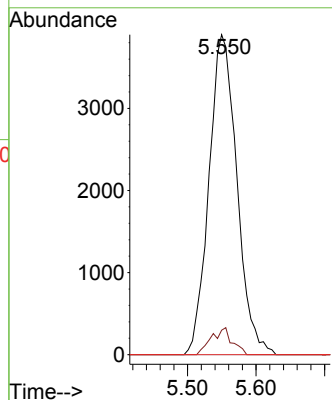
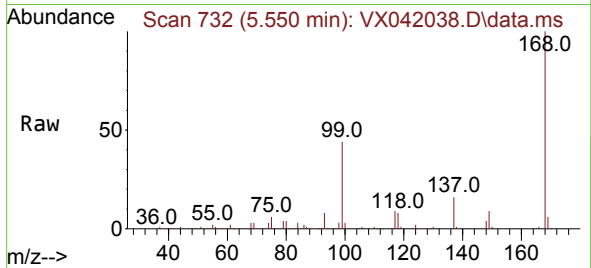




#38
Carbon Tetrachloride
Concen: 6.663 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

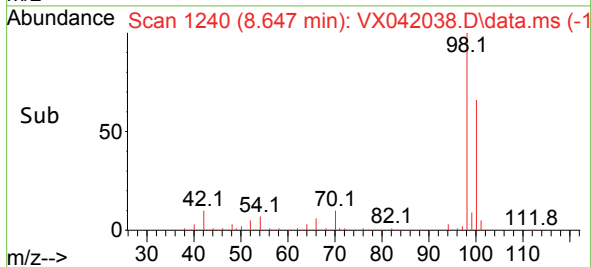
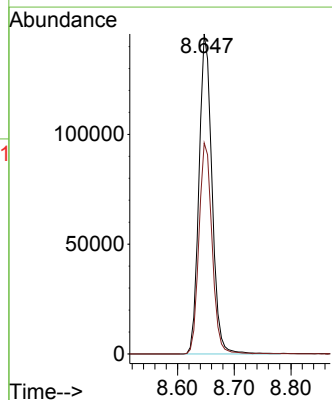
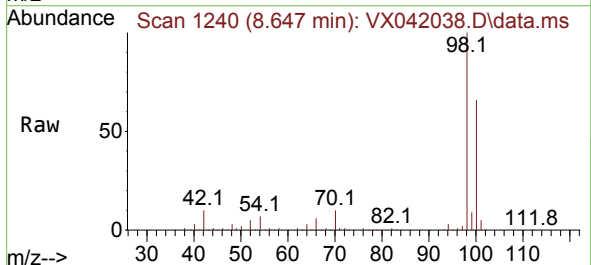
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722

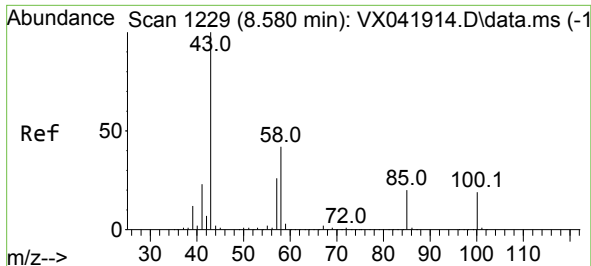
Tgt Ion:117 Resp: 11039
Ion Ratio Lower Upper
117 100
119 7.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.724 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Tgt Ion: 98 Resp: 231787
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

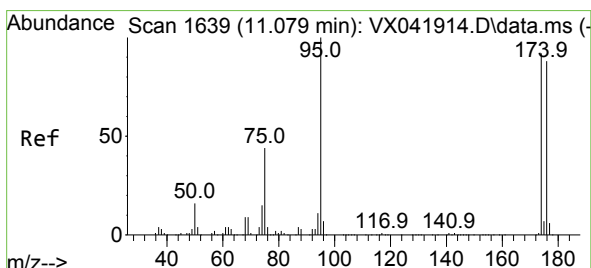
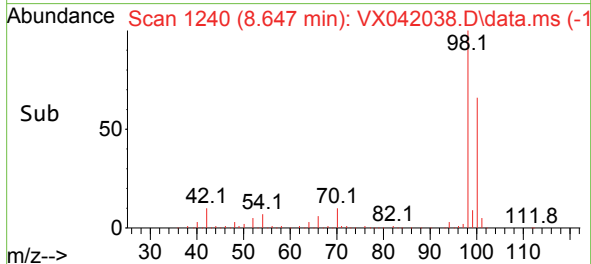
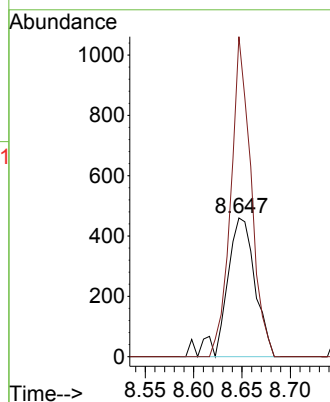
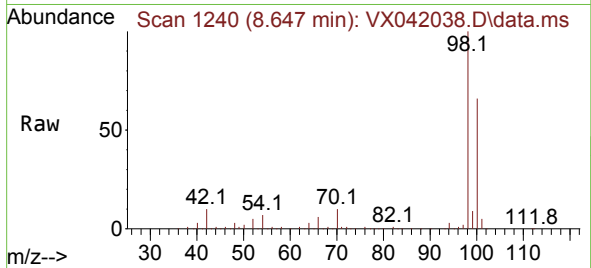




#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

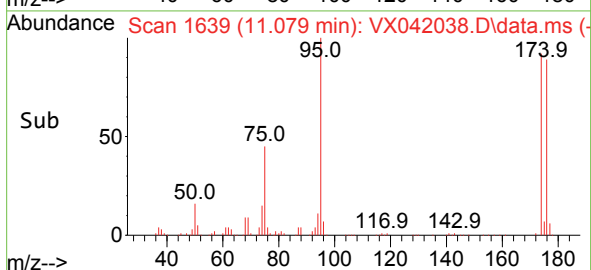
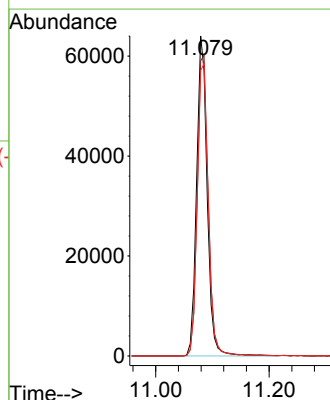
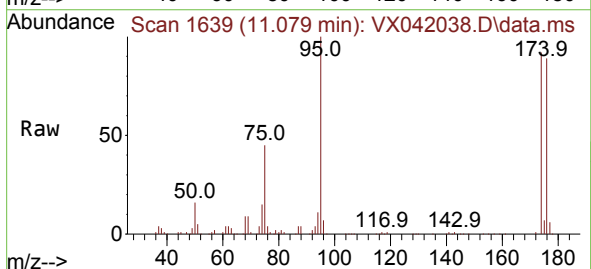
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722

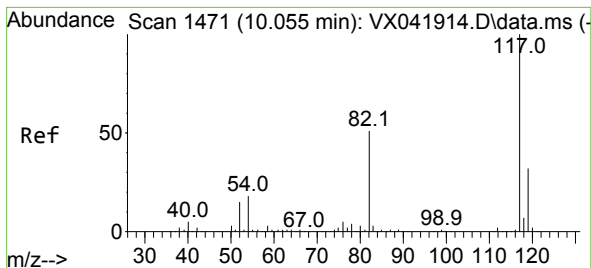
Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 163.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.354 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Tgt Ion: 95 Resp: 82936
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 95.3 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: VX042038.D

Acq: 25 Jun 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-720-722

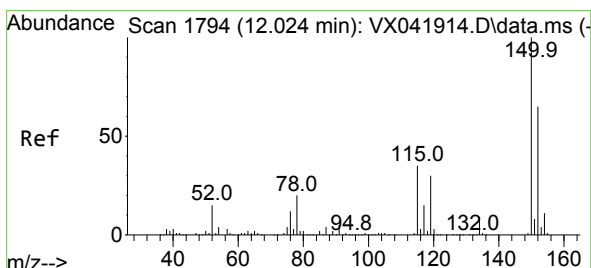
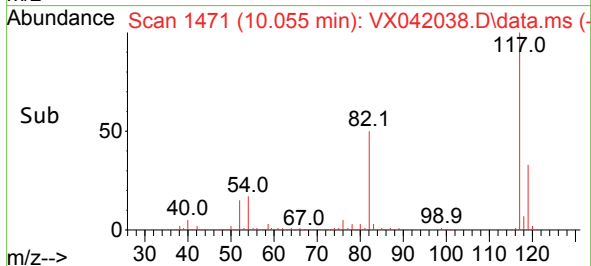
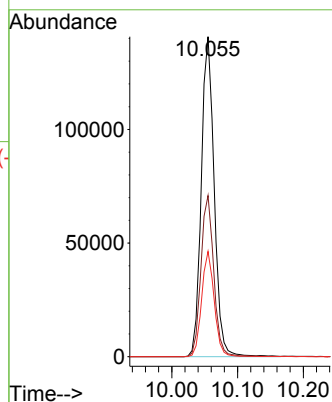
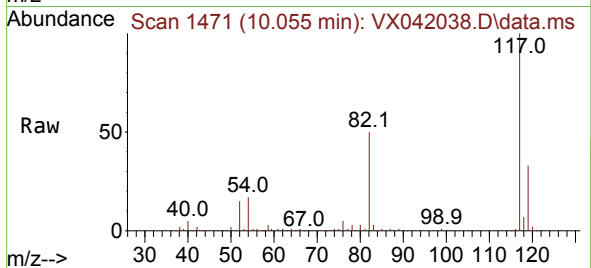
Tgt Ion:117 Resp: 192508

Ion Ratio Lower Upper

117 100

82 50.3 46.2 69.4

119 32.9 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: VX042038.D

Acq: 25 Jun 2024 17:31

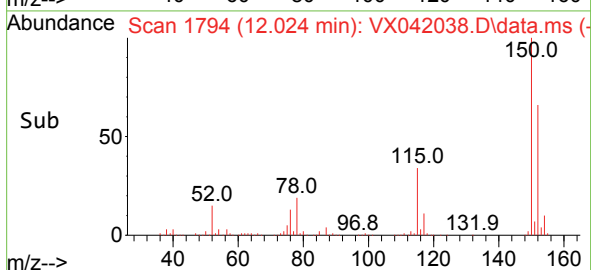
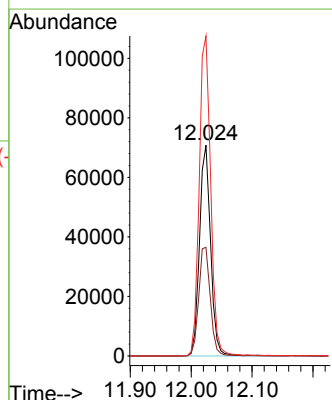
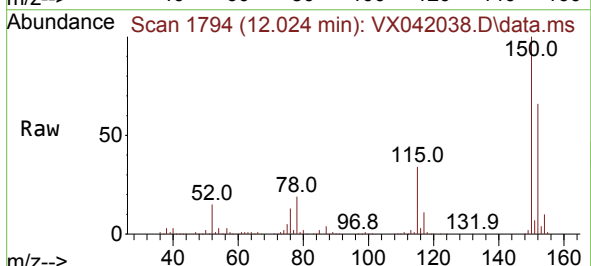
Tgt Ion:152 Resp: 89787

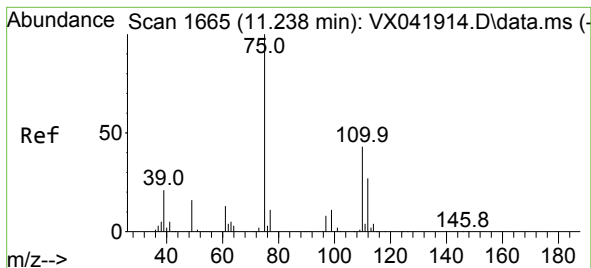
Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.015 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX042038.D

Acq: 25 Jun 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

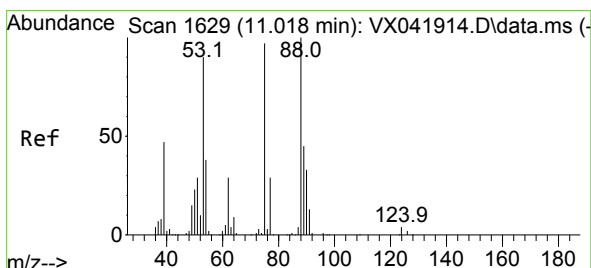
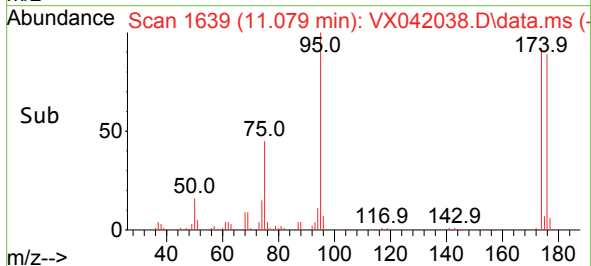
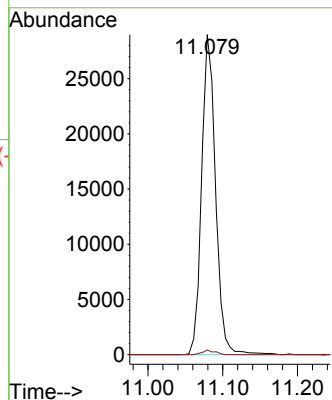
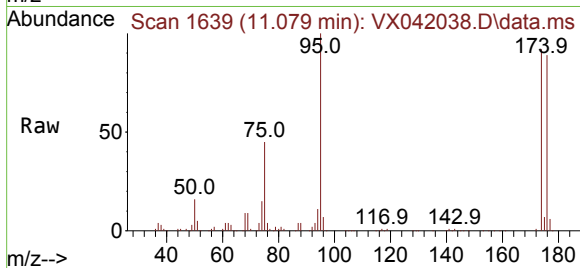
BP-VPB-196-GW-720-722

Tgt Ion: 75 Resp: 37515

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042038.D

Acq: 25 Jun 2024 17:31

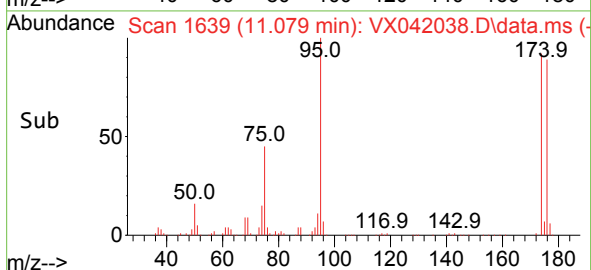
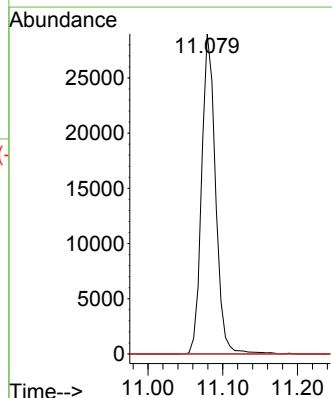
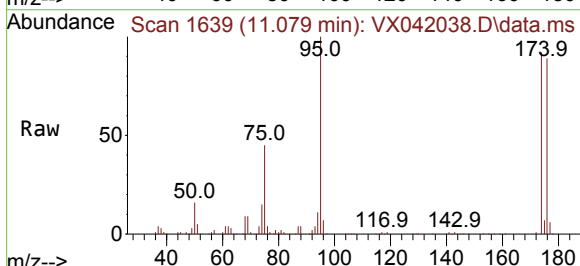
Tgt Ion: 75 Resp: 37515

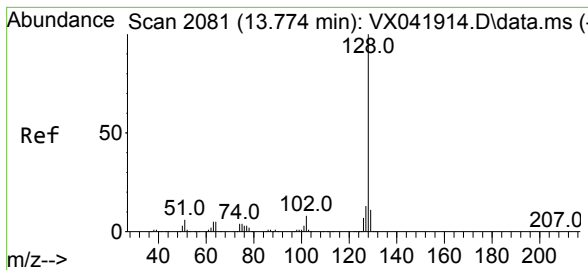
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

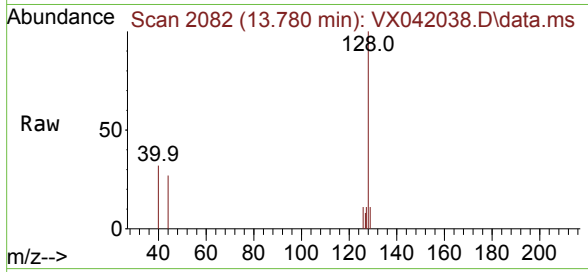
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.896 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042038.D
Acq: 25 Jun 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-720-722



Tgt Ion:	128	Resp:	971
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	5.1	8.8	13.2#

