

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042039.D
 Acq On : 25 Jun 2024 17:54
 Operator : JC/MD
 Sample : P3054-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-680-682

Quant Time: Jun 26 05:42:12 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)

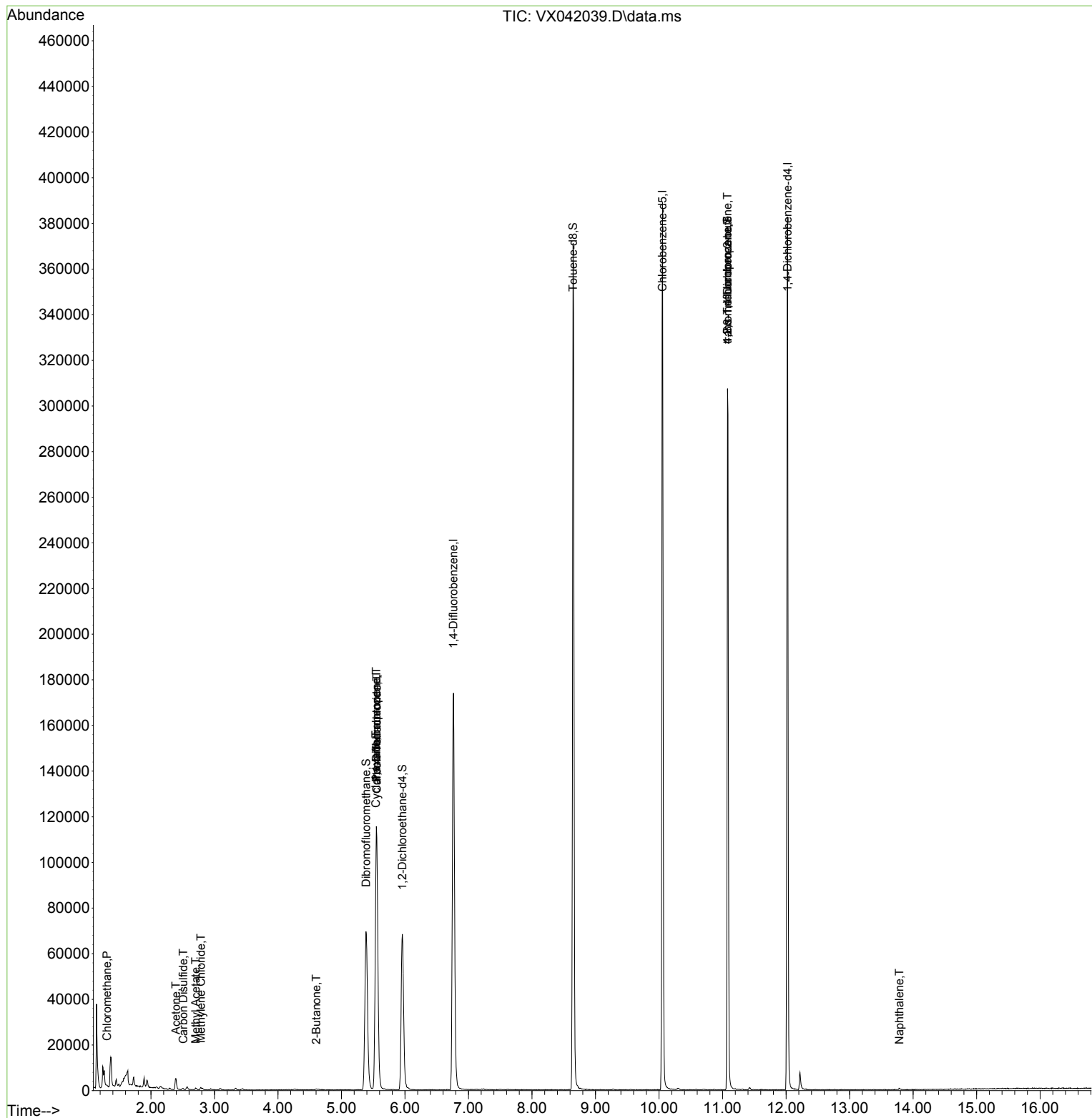
Internal Standards						
1) Pentafluorobenzene	5.550	168	127490	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	194919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66787	45.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.860%		
35) Dibromofluoromethane	5.385	113	62831	45.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.860%		
50) Toluene-d8	8.647	98	227368	46.796	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.600%		
62) 4-Bromofluorobenzene	11.079	95	84601	47.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.480%		
Target Compounds			Qvalue			
3) Chloromethane	1.307	50	621	0.510	ug/l #	84
6) Chloroethane	1.672	64	69	Below Cal	#	43
16) Acetone	2.392	43	5836	9.041	ug/l #	89
17) Carbon Disulfide	2.508	76	893	0.398	ug/l #	76
18) Methyl Acetate	2.703	43	555	0.315	ug/l #	53
20) Methylene Chloride	2.788	84	501	0.354	ug/l #	83
25) 2-Butanone	4.605	43	626	0.623	ug/l #	83
31) Cyclohexane	5.544	56	1752	1.019	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7479	5.092	ug/l #	52
38) Carbon Tetrachloride	5.556	117	10673	6.577	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	38545	22.495	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38545	63.885	ug/l #	5
95) Naphthalene	13.786	128	861	0.873	ug/l #	73

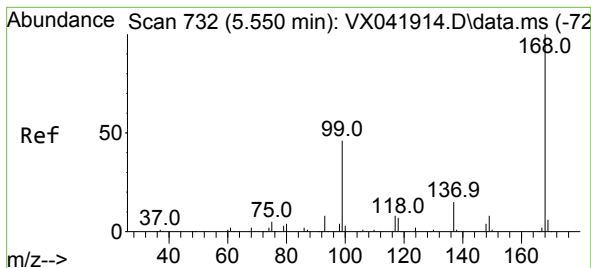
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX042039.D

Acq: 25 Jun 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

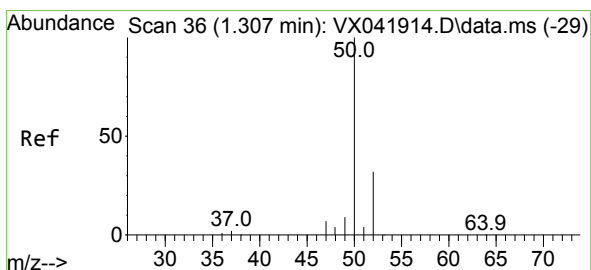
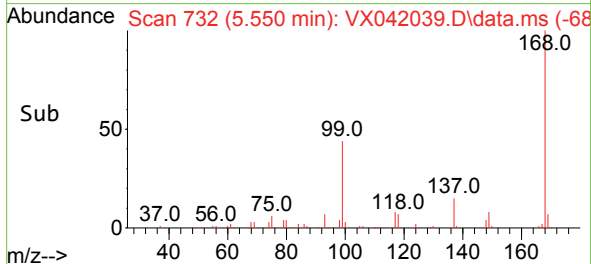
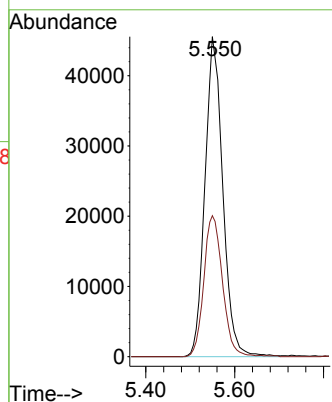
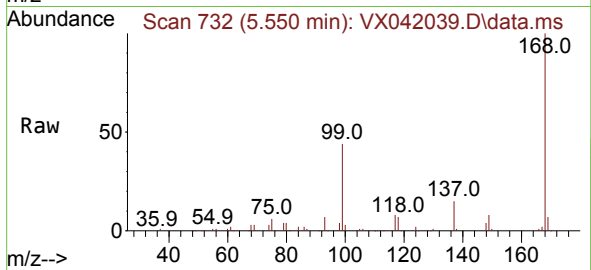
BP-VPB-196-GW-680-682

Tgt Ion:168 Resp: 127490

Ion Ratio Lower Upper

168 100

99 44.0 56.6 85.0#



#3

Chloromethane

Concen: 0.510 ug/l

RT: 1.307 min Scan# 36

Delta R.T. 0.000 min

Lab File: VX042039.D

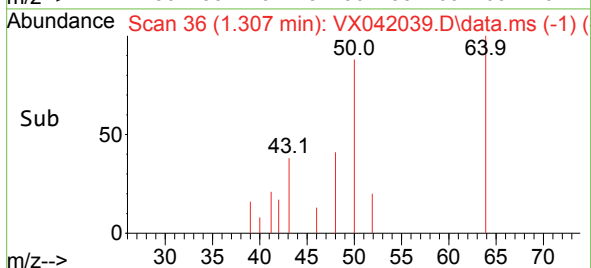
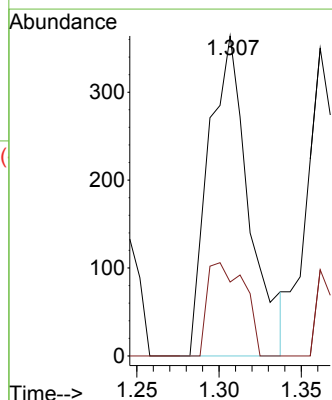
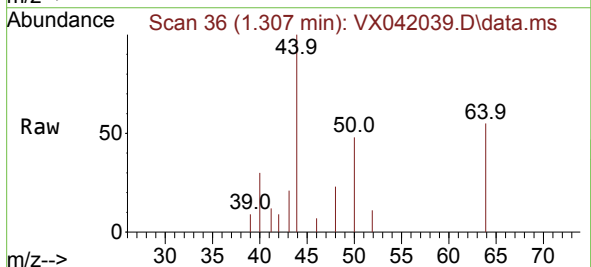
Acq: 25 Jun 2024 17:54

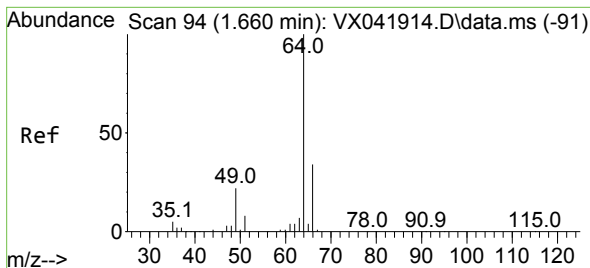
Tgt Ion: 50 Resp: 621

Ion Ratio Lower Upper

50 100

52 23.1 25.5 38.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX042039.D

Acq: 25 Jun 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

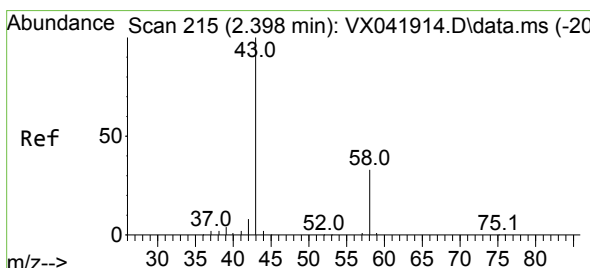
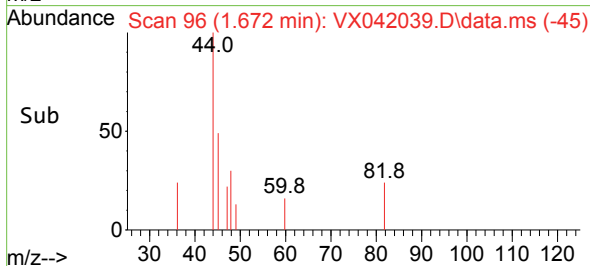
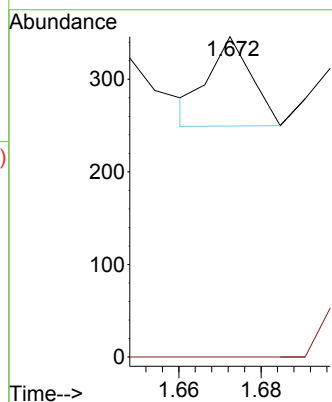
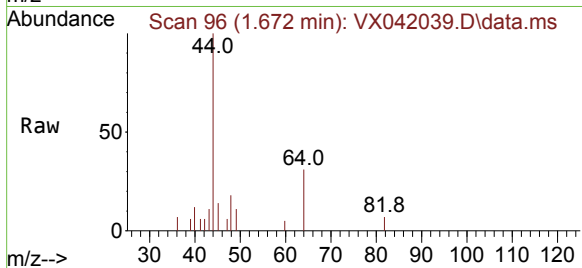
BP-VPB-196-GW-680-682

Tgt Ion: 64 Resp: 69

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#16

Acetone

Concen: 9.041 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042039.D

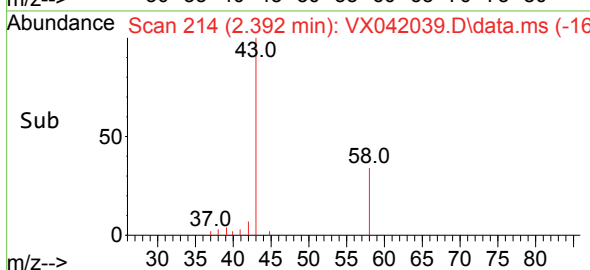
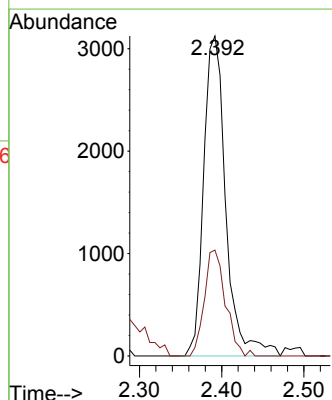
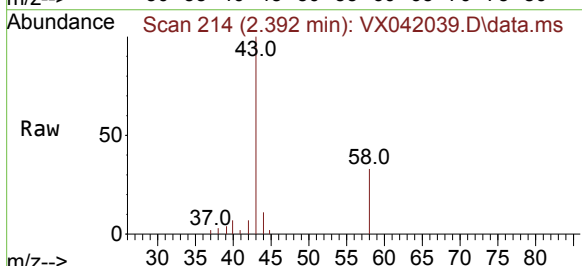
Acq: 25 Jun 2024 17:54

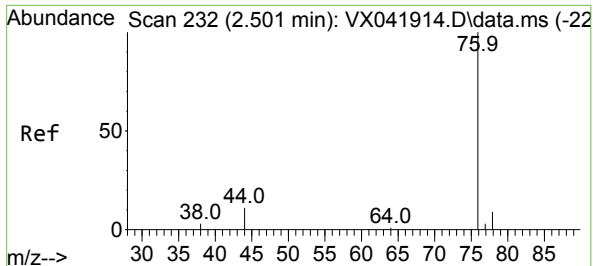
Tgt Ion: 43 Resp: 5836

Ion Ratio Lower Upper

43 100

58 33.1 21.9 32.9#

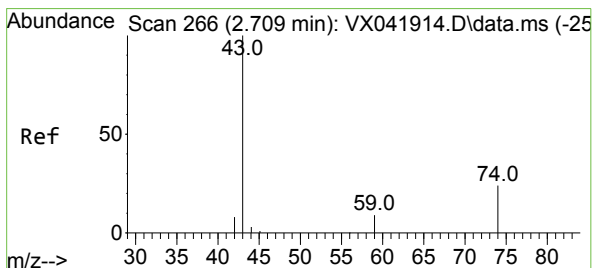
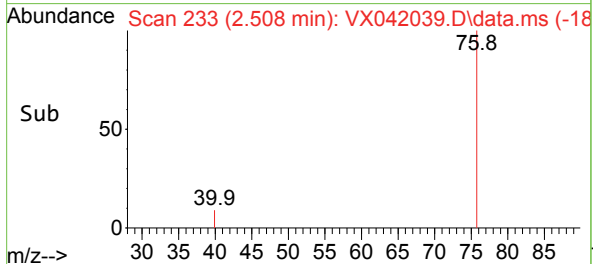
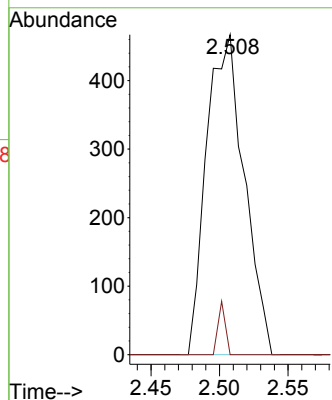
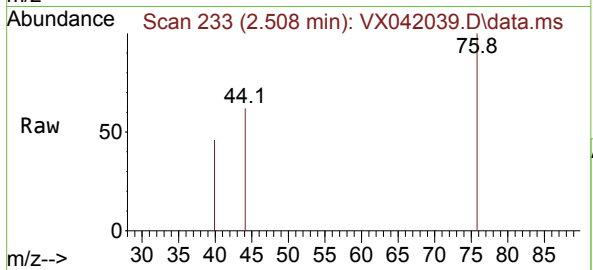




#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

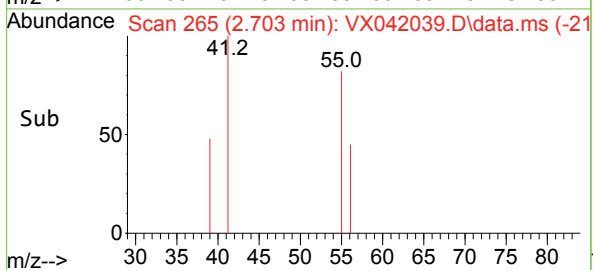
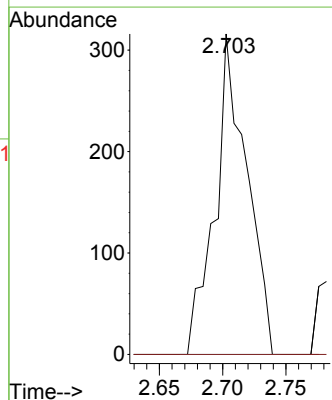
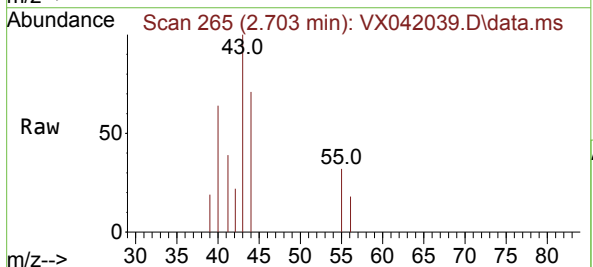
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-680-682

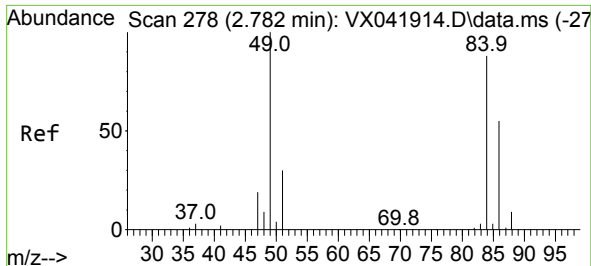
Tgt Ion: 76 Resp: 893
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.315 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: 0.354 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042039.D

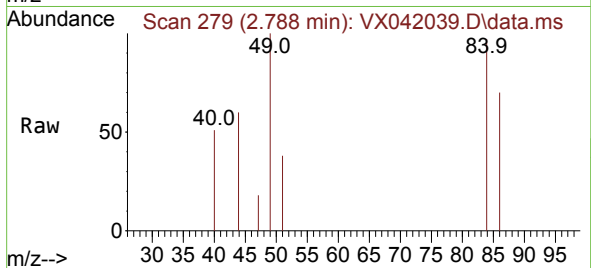
Acq: 25 Jun 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-680-682



Tgt Ion: 84 Resp: 501

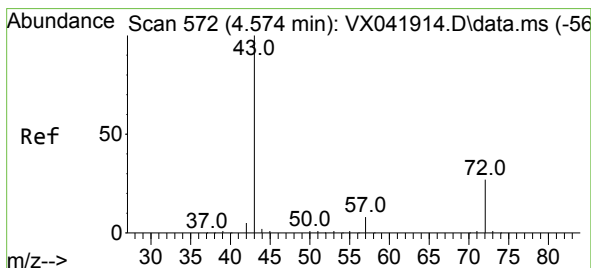
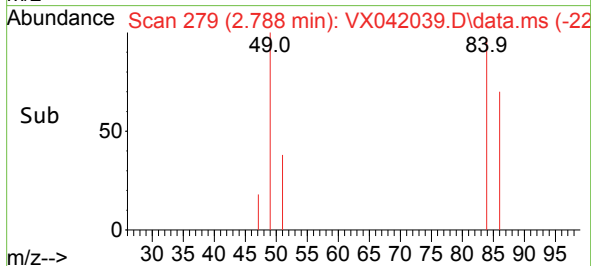
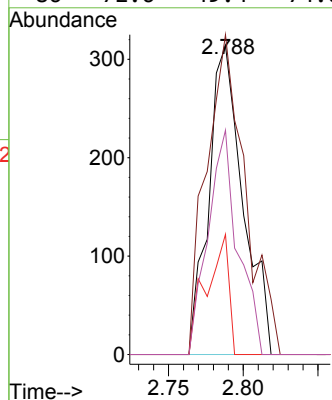
Ion Ratio Lower Upper

84 100

49 103.5 103.6 155.4#

51 38.9 33.8 50.6

86 72.6 49.4 74.0



#25

2-Butanone

Concen: 0.623 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.031 min

Lab File: VX042039.D

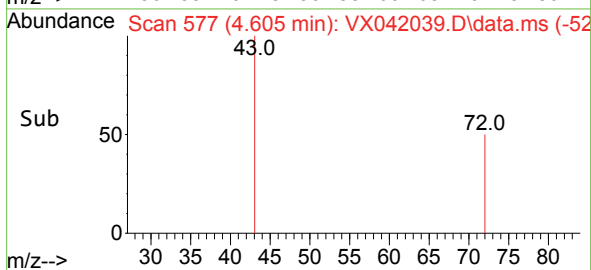
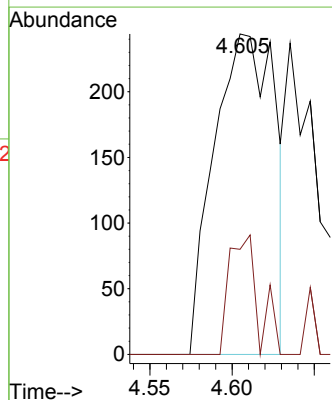
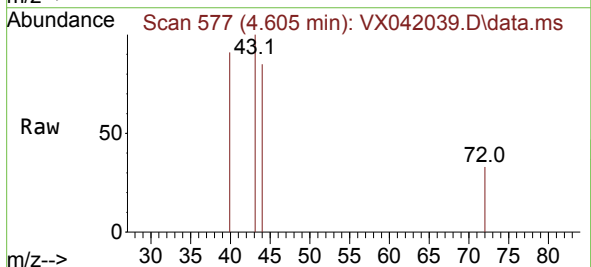
Acq: 25 Jun 2024 17:54

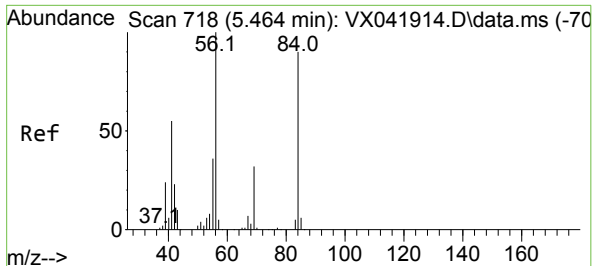
Tgt Ion: 43 Resp: 626

Ion Ratio Lower Upper

43 100

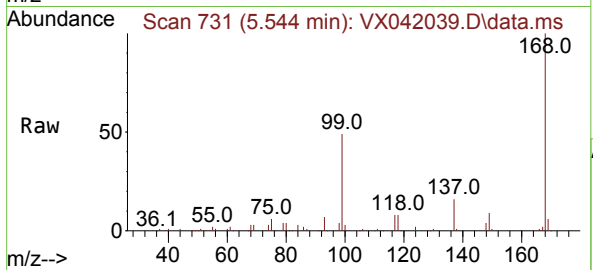
72 32.8 19.4 29.2#



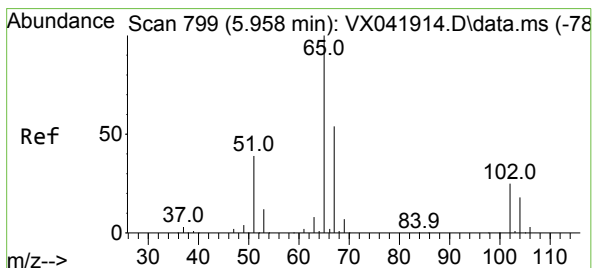
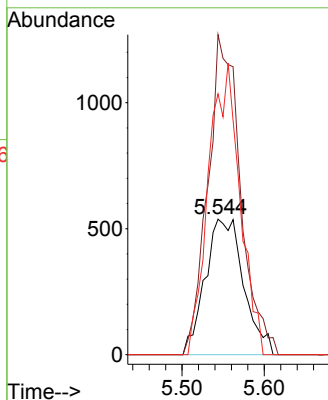
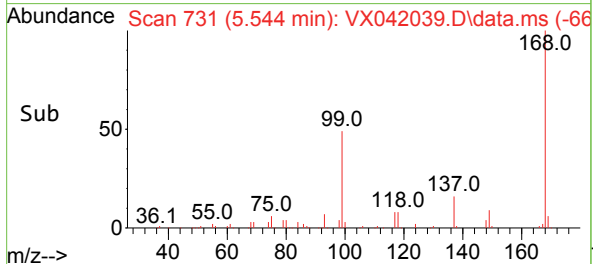


#31
Cyclohexane
Concen: 1.019 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-680-682

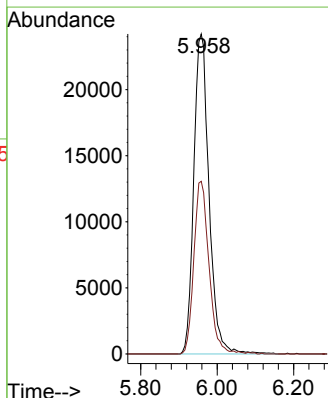
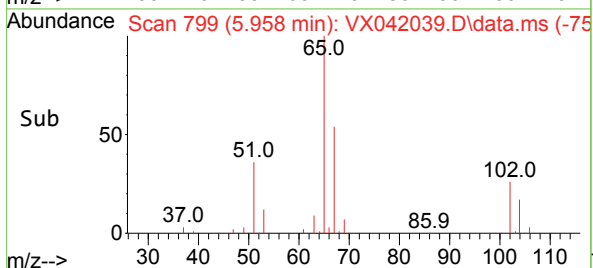
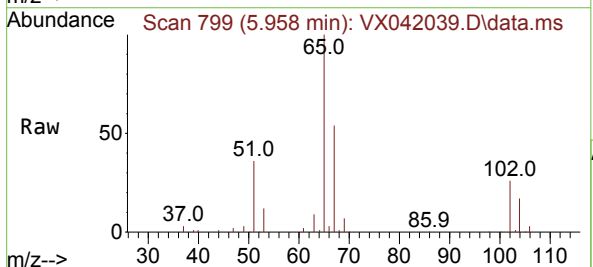


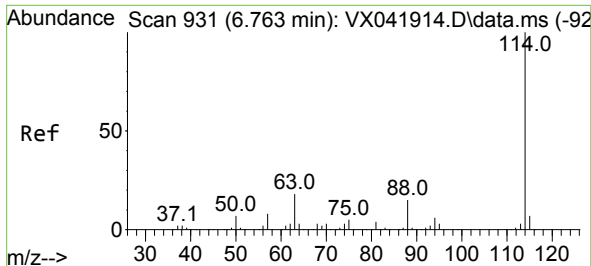
Tgt Ion: 56 Resp: 1752
Ion Ratio Lower Upper
56 100
69 236.1 23.4 35.2#
84 192.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.430 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

Tgt Ion: 65 Resp: 66787
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

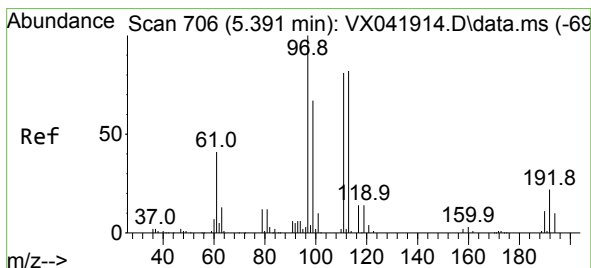
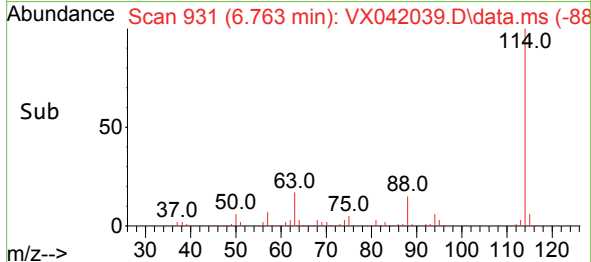
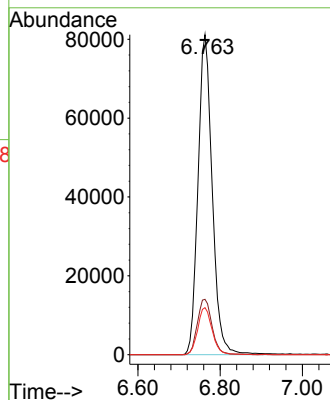
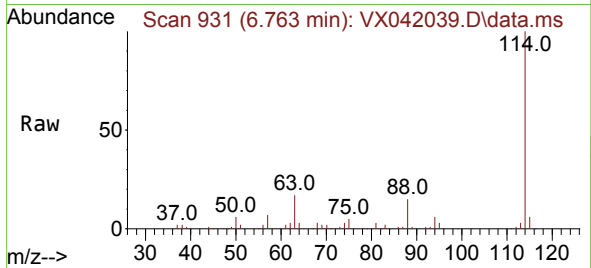




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

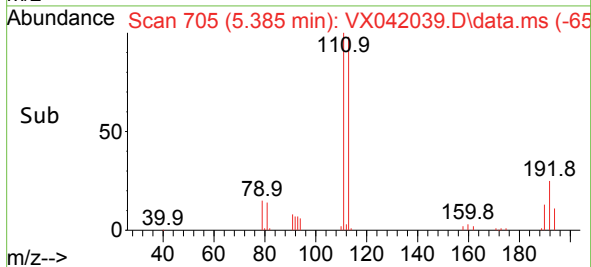
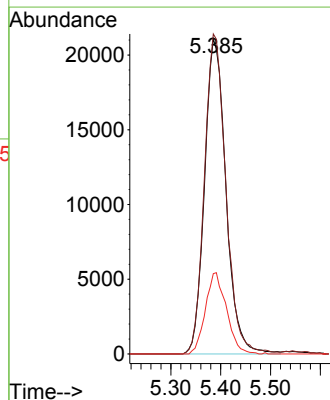
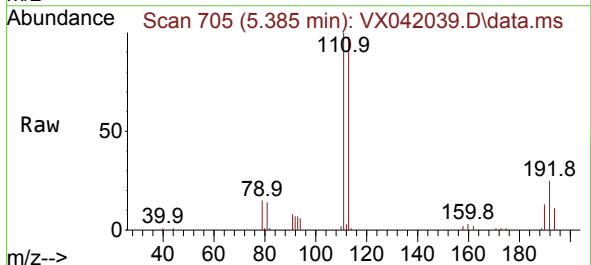
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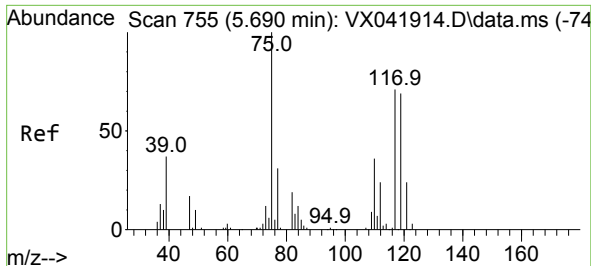
Tgt Ion:114 Resp: 194919
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.429 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

Tgt Ion:113 Resp: 62831
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 25.3 13.3 19.9#

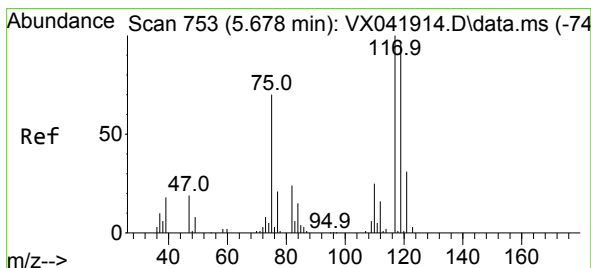
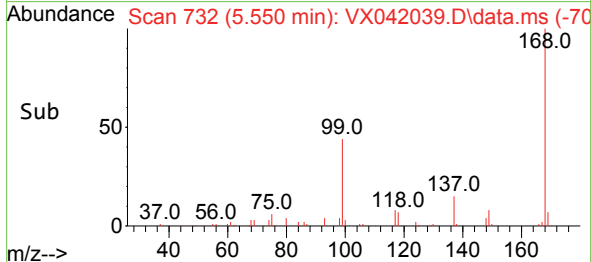
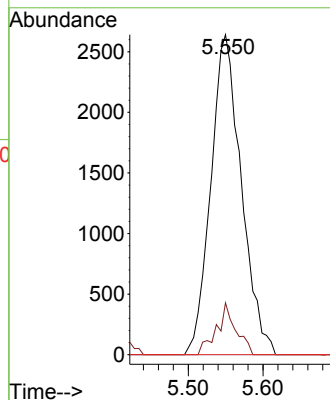
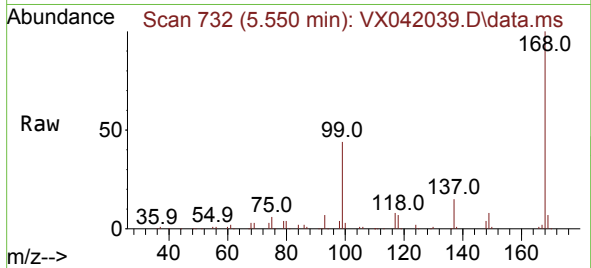




#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

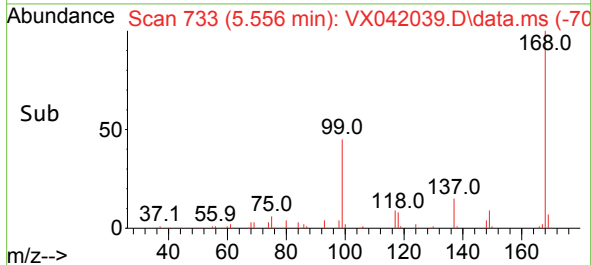
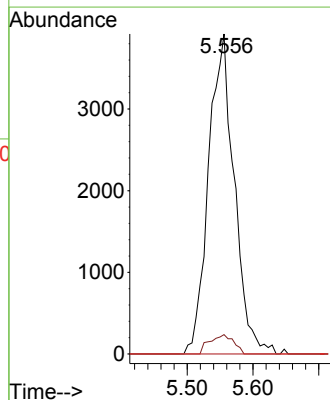
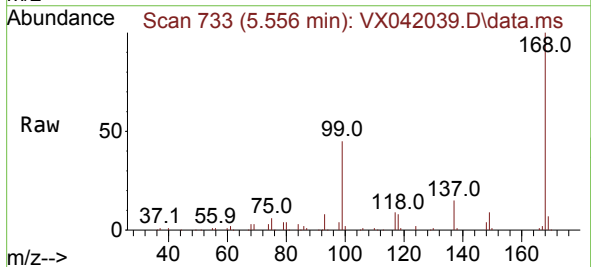
Instrument :
MSVOA_X
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BP-VPB-196-GW-680-682

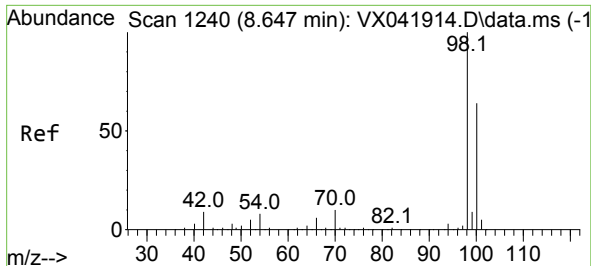
Tgt Ion: 75 Resp: 7479
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

Tgt Ion: 117 Resp: 10673
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

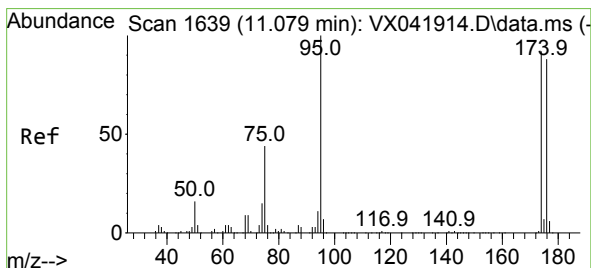
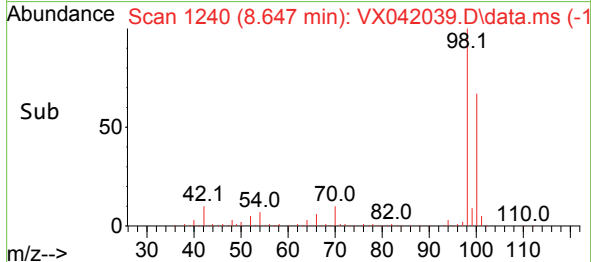
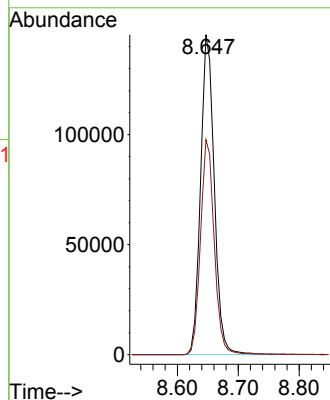
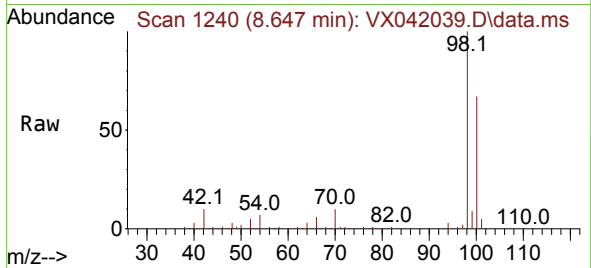




#50
Toluene-d8
Concen: 46.796 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

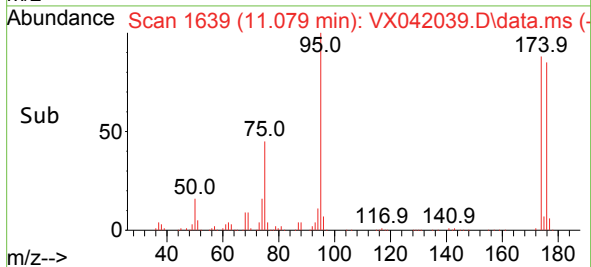
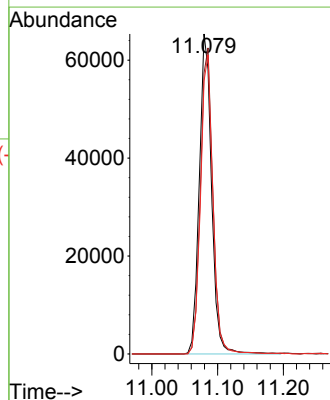
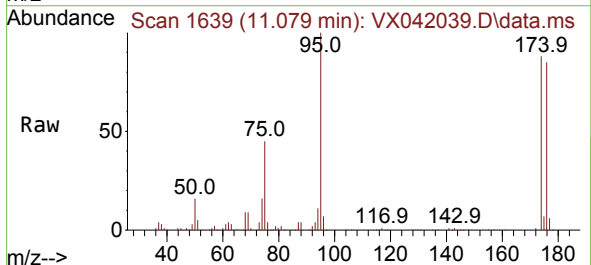
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-680-682

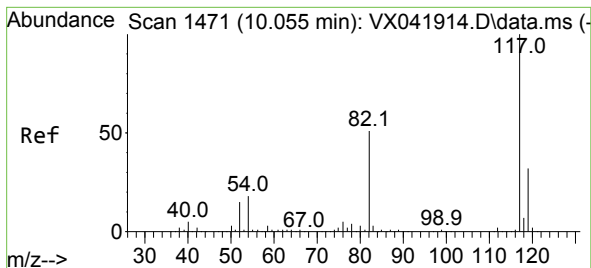
Tgt Ion: 98 Resp: 227368
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042039.D
Acq: 25 Jun 2024 17:54

Tgt Ion: 95 Resp: 84601
Ion Ratio Lower Upper
95 100
174 97.3 0.0 135.6
176 94.2 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: VX042039.D

Acq: 25 Jun 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-680-682

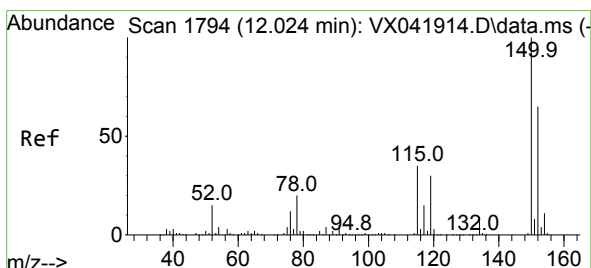
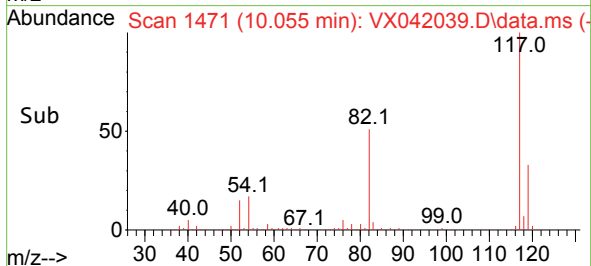
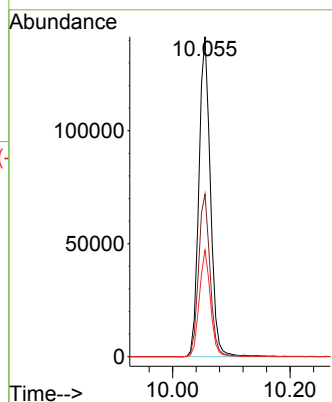
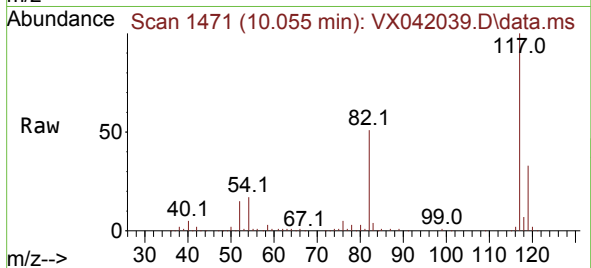
Tgt Ion:117 Resp: 192777

Ion Ratio Lower Upper

117 100

82 50.8 46.2 69.4

119 33.3 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: VX042039.D

Acq: 25 Jun 2024 17:54

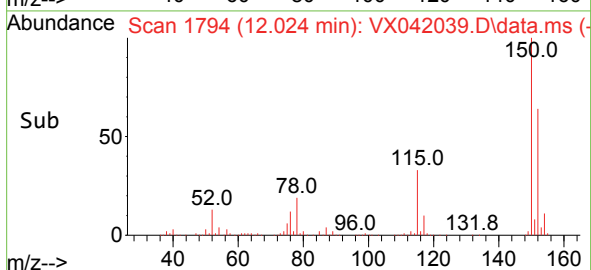
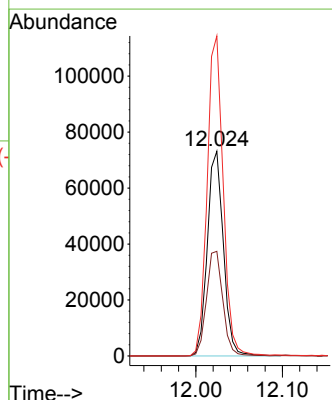
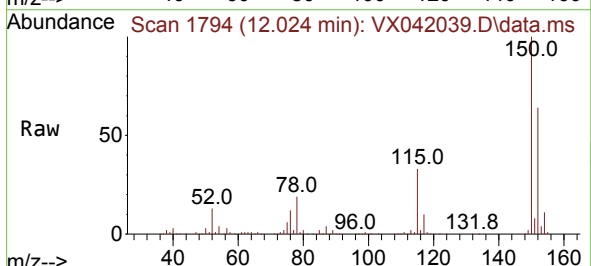
Tgt Ion:152 Resp: 94385

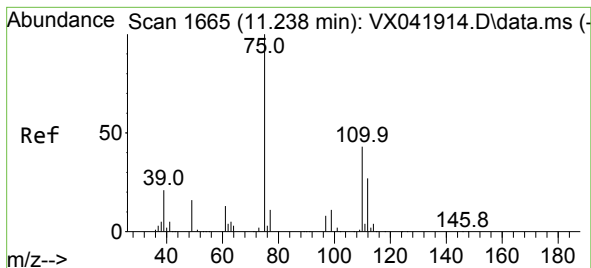
Ion Ratio Lower Upper

152 100

115 52.3 43.3 129.9

150 155.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.495 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042039.D

Acq: 25 Jun 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

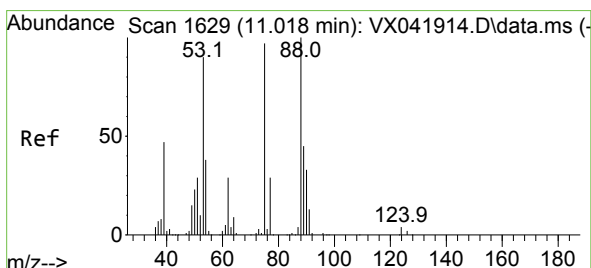
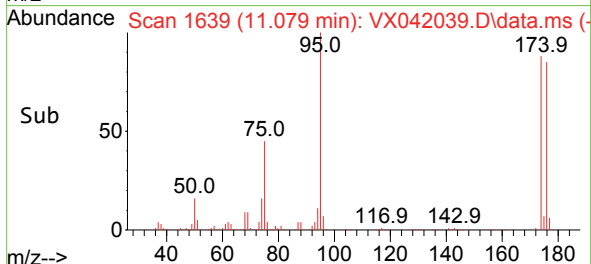
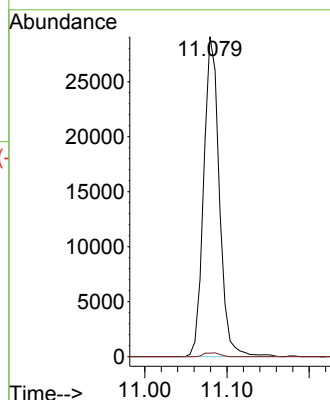
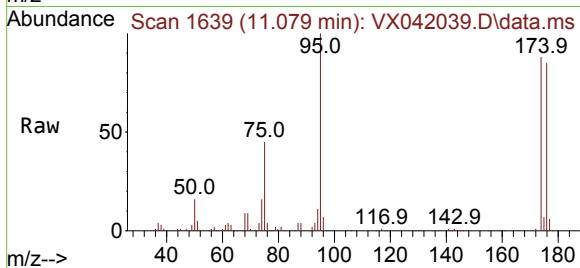
BP-VPB-196-GW-680-682

Tgt Ion: 75 Resp: 38545

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.885 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042039.D

Acq: 25 Jun 2024 17:54

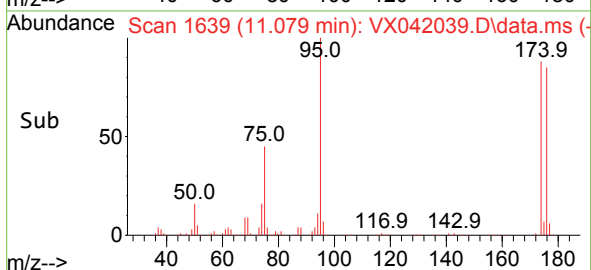
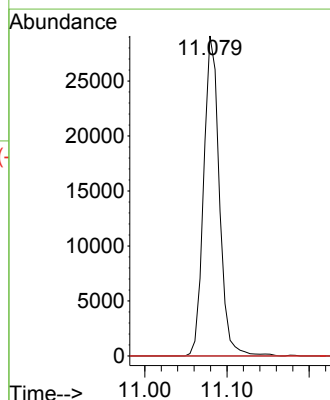
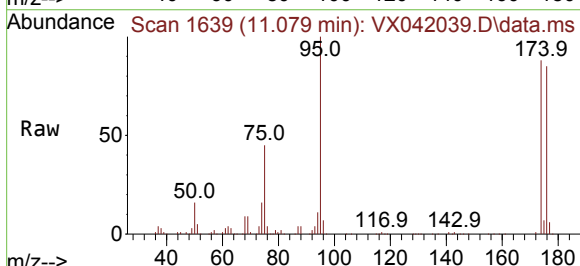
Tgt Ion: 75 Resp: 38545

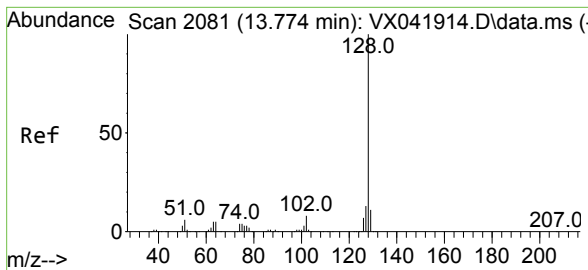
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

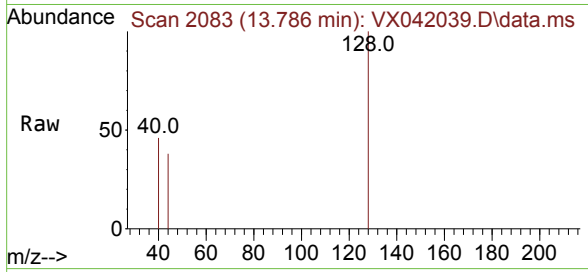
89 0.0 36.9 55.3#





#95
 Naphthalene
 Concen: 0.873 ug/l
 RT: 13.786 min Scan# 2083
 Delta R.T. 0.012 min
 Lab File: VX042039.D
 Acq: 25 Jun 2024 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-680-682



Tgt Ion:	128	Resp:	861
Ion	Ratio	Lower	Upper
128	100		
127	2.6	10.3	15.5#
129	0.0	8.8	13.2#

