

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042035.D
 Acq On : 25 Jun 2024 16:20
 Operator : JC/MD
 Sample : P3054-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR-05-257-278-062424

Quant Time: Jun 26 05:40:29 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)

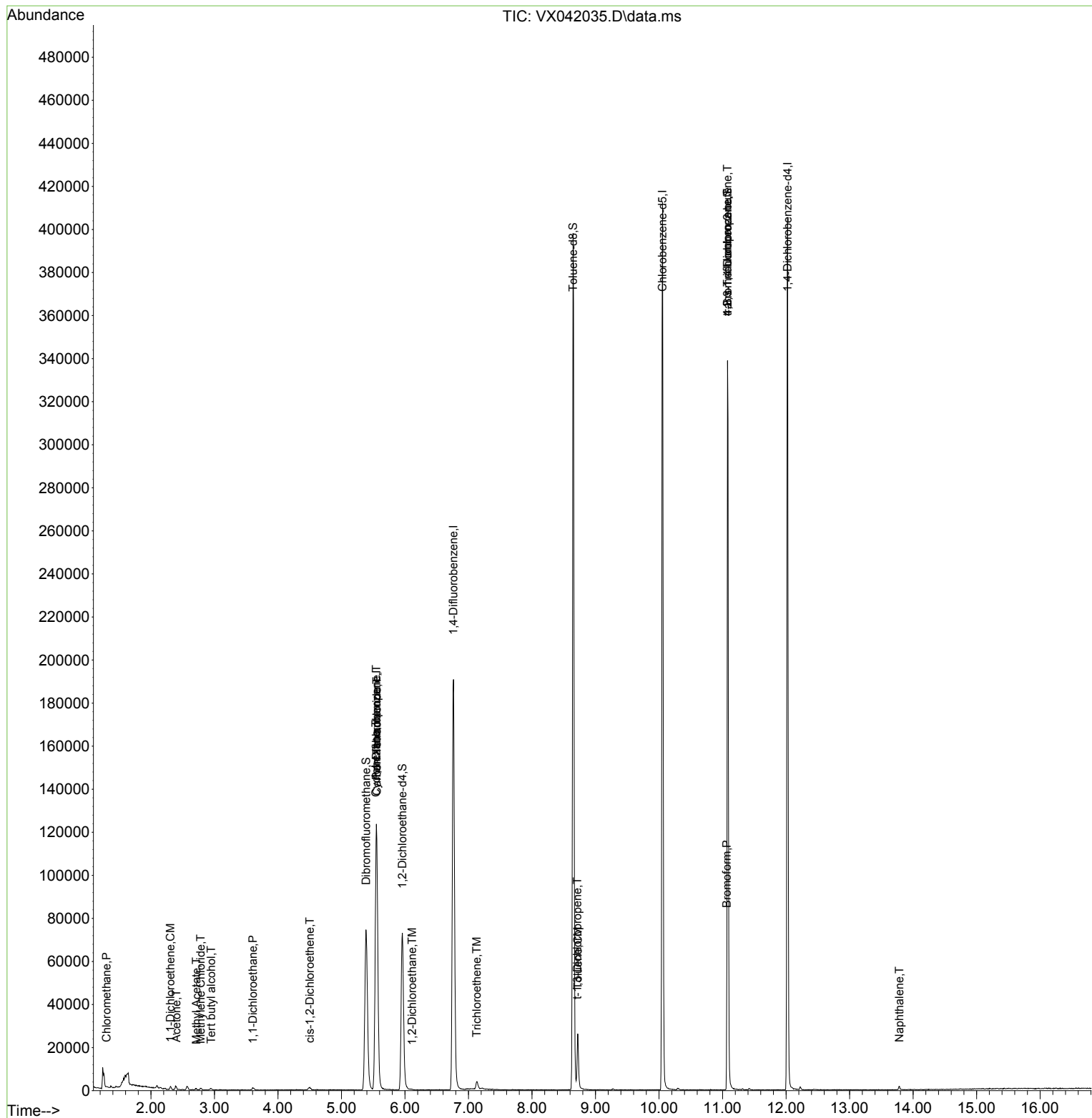
Internal Standards						
1) Pentafluorobenzene	5.550	168	136961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	211848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70532	44.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.320%
35) Dibromofluoromethane	5.385	113	67111	44.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.300%
50) Toluene-d8	8.647	98	246799	46.736	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.480%
62) 4-Bromofluorobenzene	11.079	95	90659	46.573	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	405	0.309	ug/l	# 43
6) Chloroethane	1.685	64	458	Below Cal		# 43
11) Tert butyl alcohol	2.947	59	466	1.555	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	590	0.499	ug/l	# 70
16) Acetone	2.398	43	1894	2.731	ug/l	94
18) Methyl Acetate	2.715	43	776	0.410	ug/l	96
20) Methylene Chloride	2.782	84	458	0.302	ug/l	# 73
24) 1,1-Dichloroethane	3.605	63	1360	0.613	ug/l	# 83
27) cis-1,2-Dichloroethene	4.501	96	806	0.537	ug/l	80
31) Cyclohexane	5.544	56	1855	1.004	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7976	4.997	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	11553	6.551	ug/l	# 16
42) 1,2-Dichloroethane	6.111	62	381	0.220	ug/l	# 77
44) Trichloroethene	7.129	130	1754	1.215	ug/l	84
52) Toluene	8.720	92	10167	2.966	ug/l	97
53) t-1,3-Dichloropropene	8.714	75	94	0.942	ug/l	# 1
71) Bromoform	11.067	173	41	0.904	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	41902	23.379	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	41902	66.393	ug/l	# 5
95) Naphthalene	13.786	128	1842	1.004	ug/l	# 92

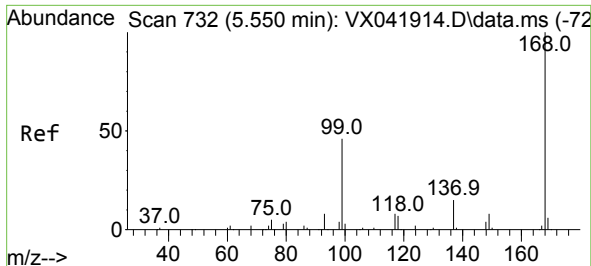
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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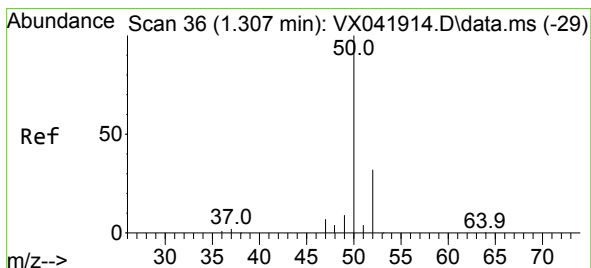
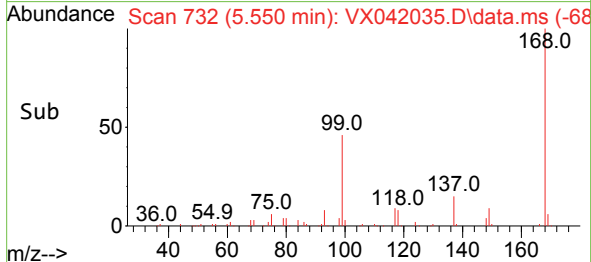
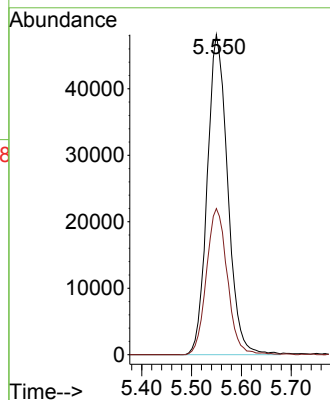
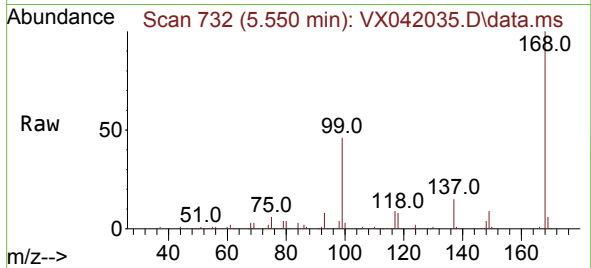




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

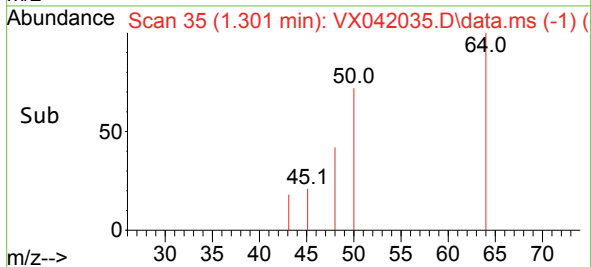
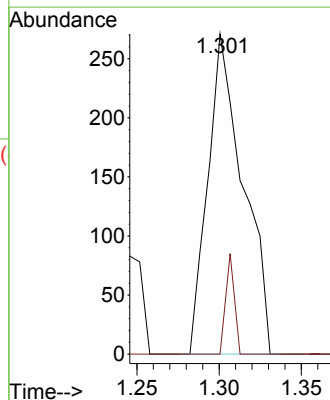
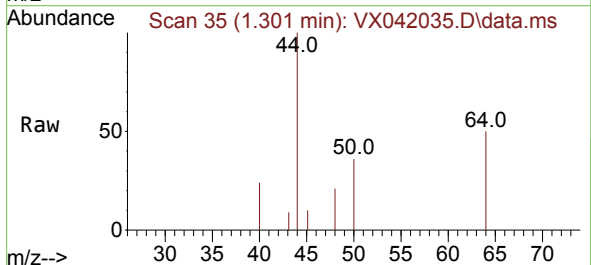
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

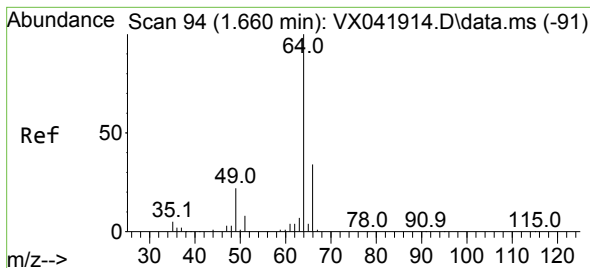
Tgt Ion:168 Resp: 136961
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0#



#3
Chloromethane
Concen: 0.309 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion: 50 Resp: 405
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.685 min Scan# 91

Delta R.T. 0.025 min

Lab File: VX042035.D

Acq: 25 Jun 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

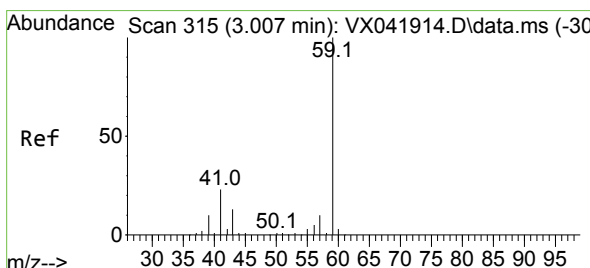
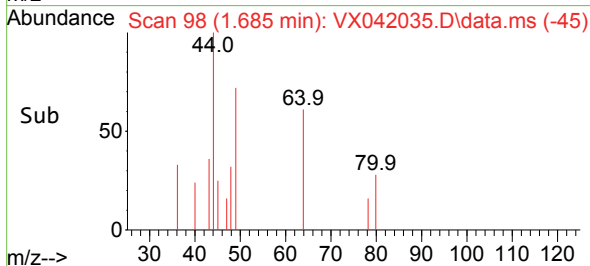
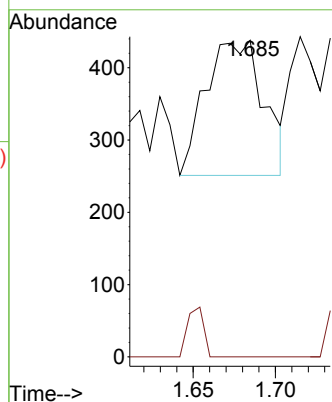
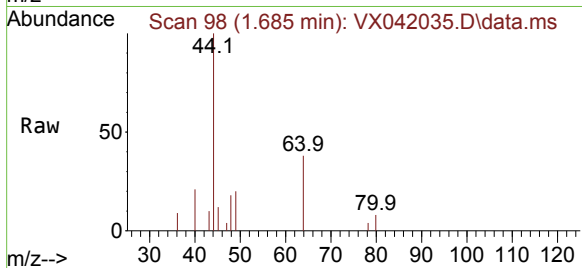
GWBR-05-257-278-062424

Tgt Ion: 64 Resp: 458

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 1.555 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX042035.D

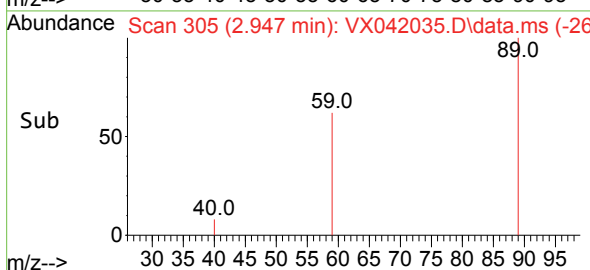
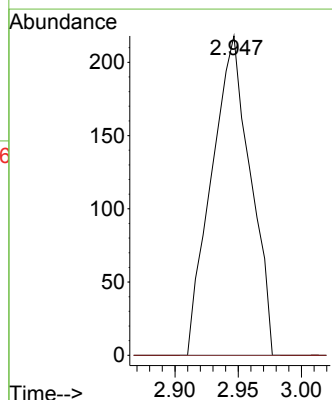
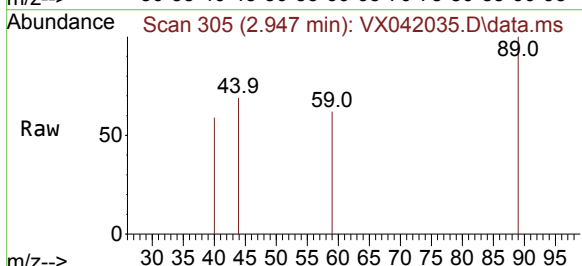
Acq: 25 Jun 2024 16:20

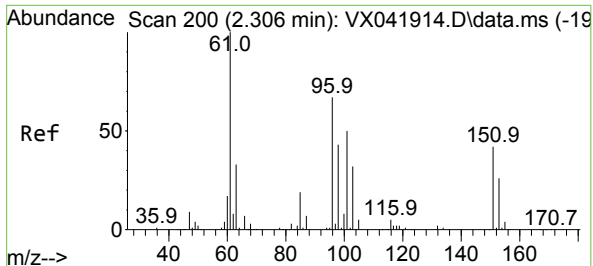
Tgt Ion: 59 Resp: 466

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.499 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX042035.D

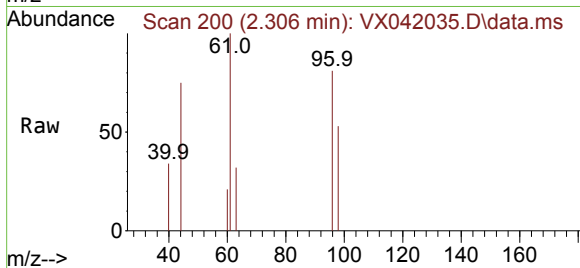
Acq: 25 Jun 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

GWBR-05-257-278-062424



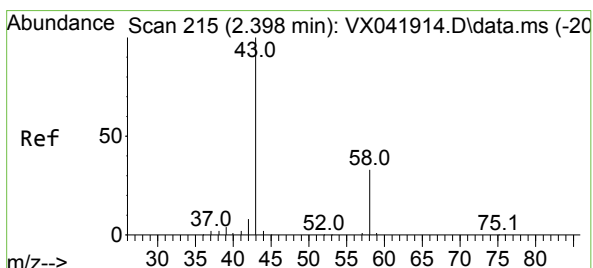
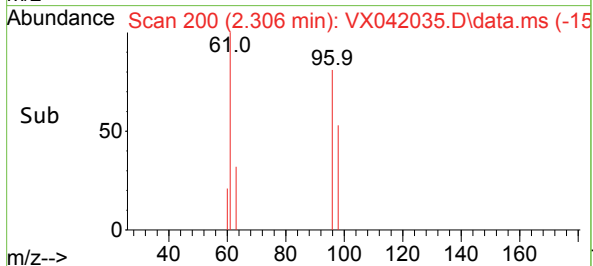
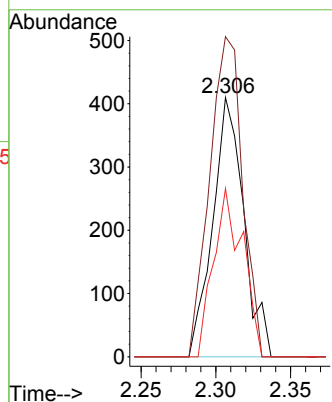
Tgt Ion: 96 Resp: 590

Ion Ratio Lower Upper

96 100

61 123.4 144.6 216.8#

98 64.9 50.4 75.6



#16

Acetone

Concen: 2.731 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX042035.D

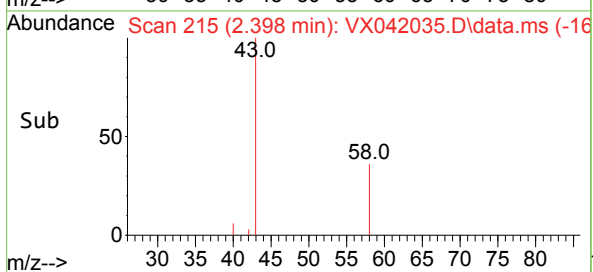
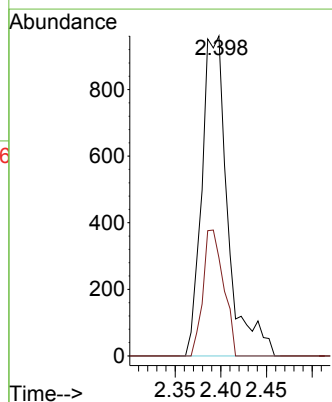
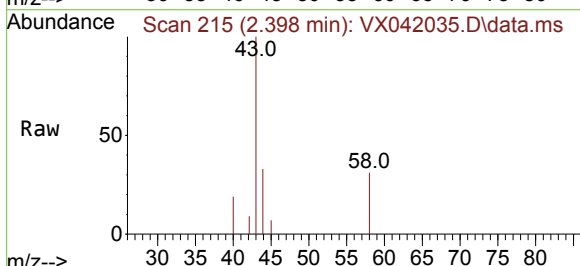
Acq: 25 Jun 2024 16:20

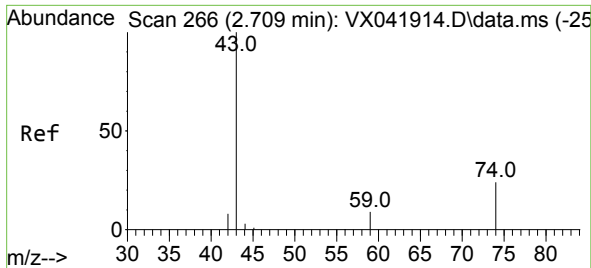
Tgt Ion: 43 Resp: 1894

Ion Ratio Lower Upper

43 100

58 30.7 21.9 32.9

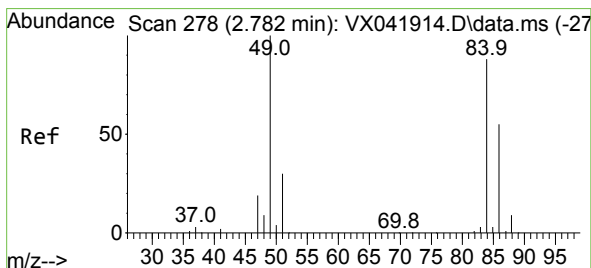
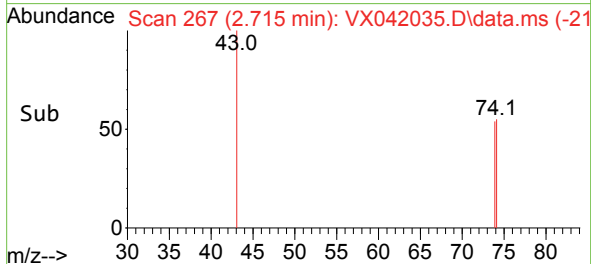
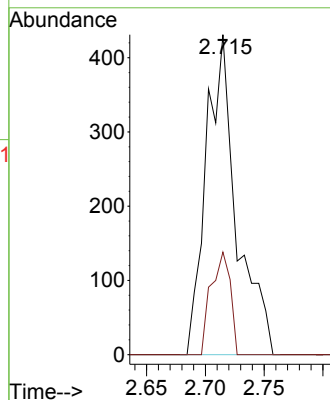
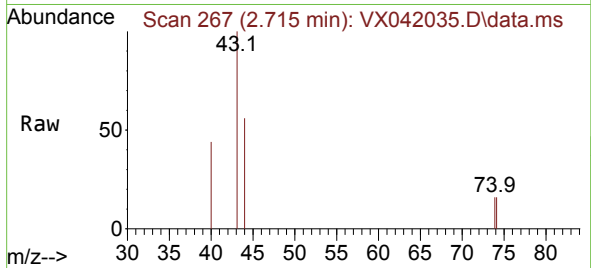




#18
Methyl Acetate
Concen: 0.410 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

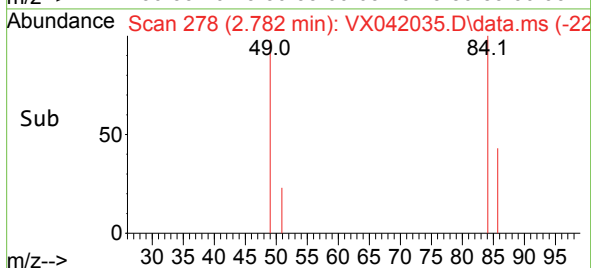
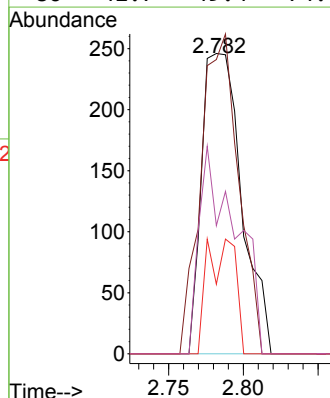
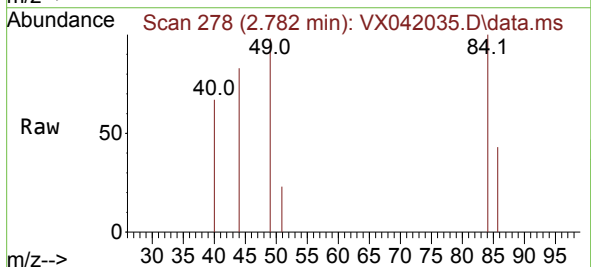
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

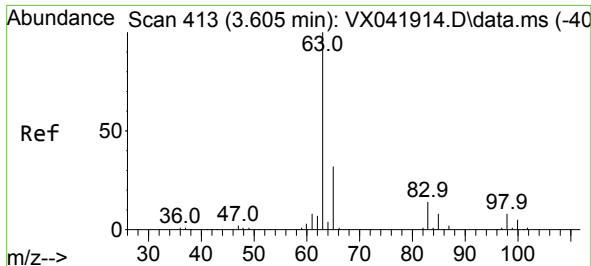
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
74 20.2 17.8 26.8



#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 98.0 103.6 155.4#
51 23.2 33.8 50.6#
86 42.7 49.4 74.0#





#24

1,1-Dichloroethane

Concen: 0.613 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042035.D

Acq: 25 Jun 2024 16:20

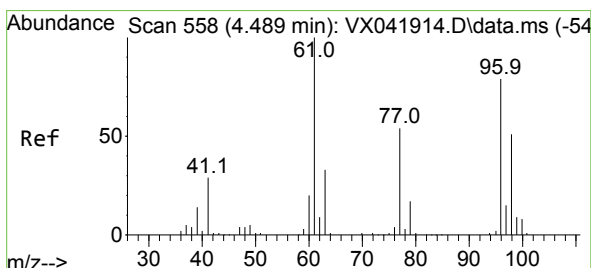
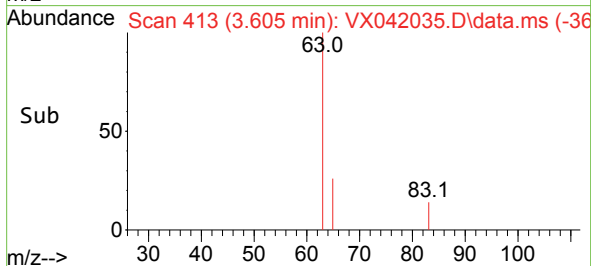
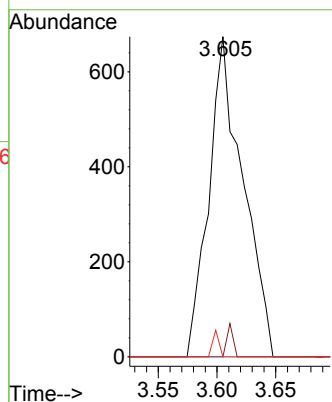
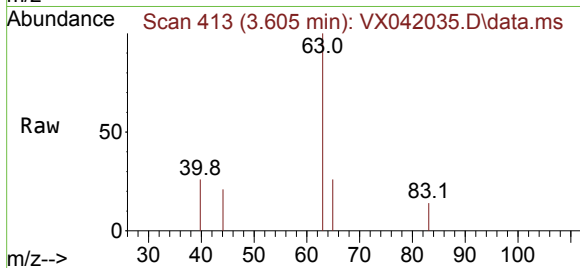
Instrument :

MSVOA_X

ClientSampleId :

GWBR-05-257-278-062424

Tgt Ion: 63	Resp:	1360
Ion Ratio	Lower	Upper
63	100	
98	0.0	3.3
100	0.0	2.1



#27

cis-1,2-Dichloroethene

Concen: 0.537 ug/l

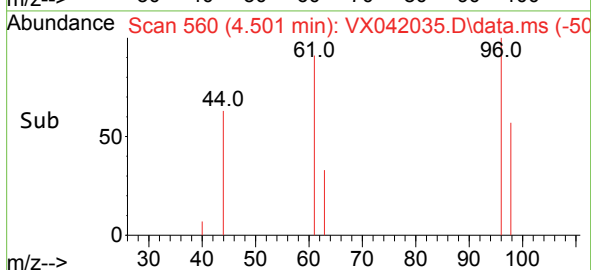
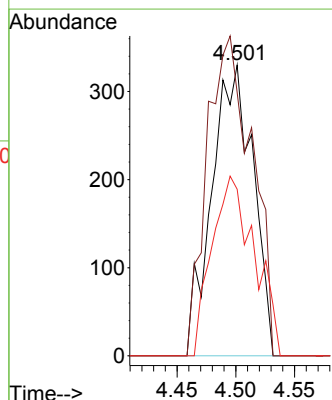
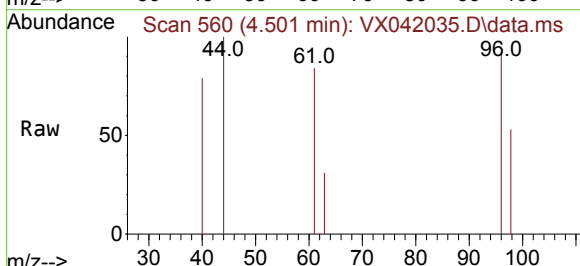
RT: 4.501 min Scan# 560

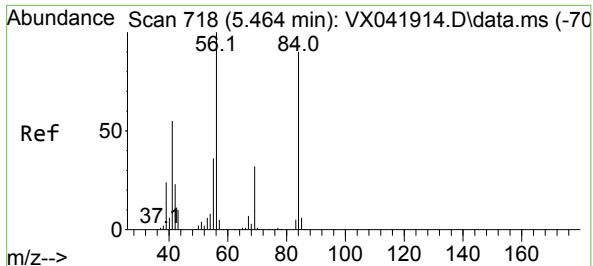
Delta R.T. 0.012 min

Lab File: VX042035.D

Acq: 25 Jun 2024 16:20

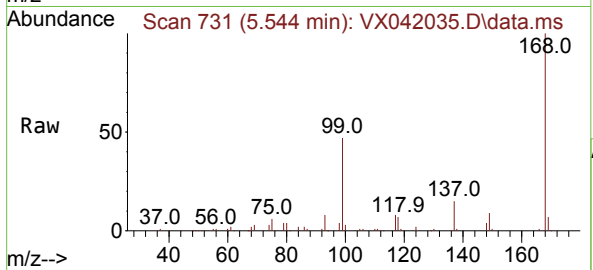
Tgt Ion: 96	Resp:	806
Ion Ratio	Lower	Upper
96	100	
61	119.9	0.0
98	63.8	0.0



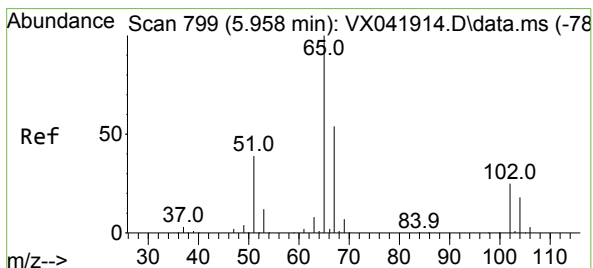
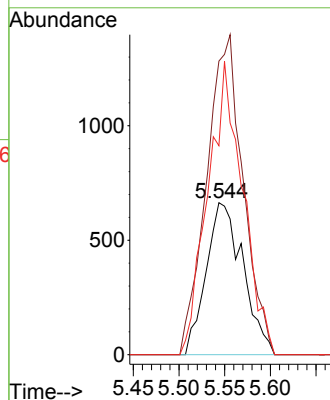
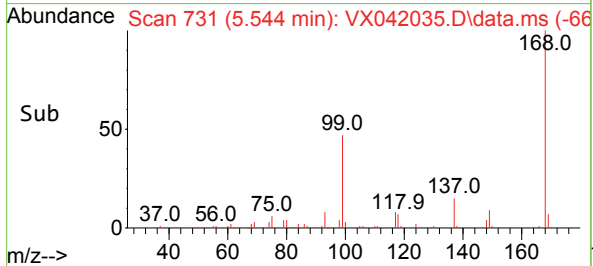


#31
Cyclohexane
Concen: 1.004 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

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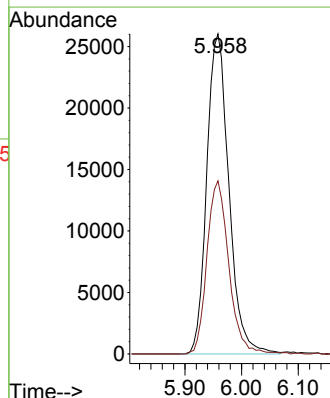
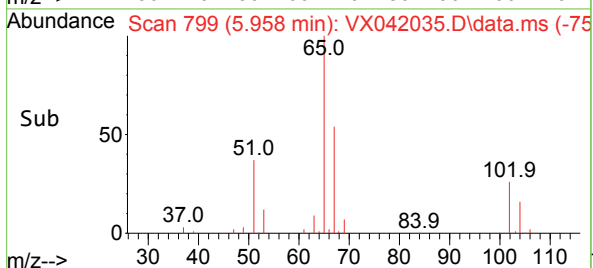
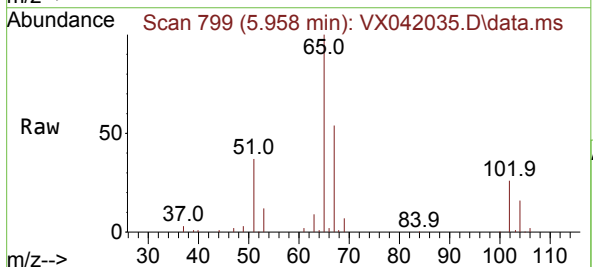


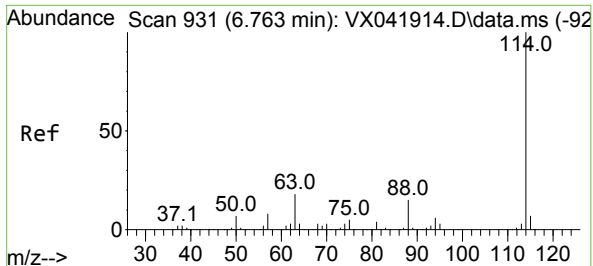
Tgt Ion: 56 Resp: 1855
Ion Ratio Lower Upper
56 100
69 193.2 23.4 35.2#
84 137.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.659 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion: 65 Resp: 70532
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

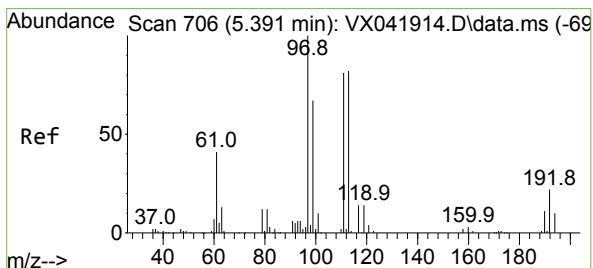
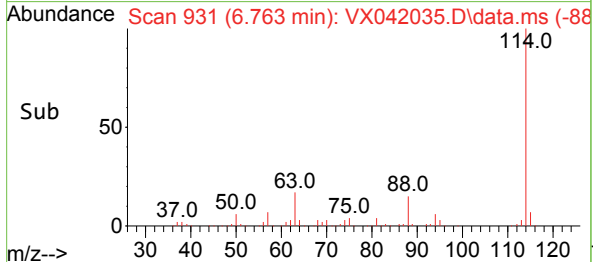
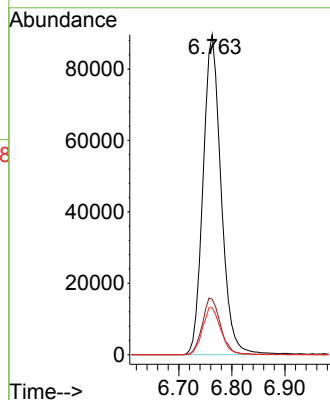
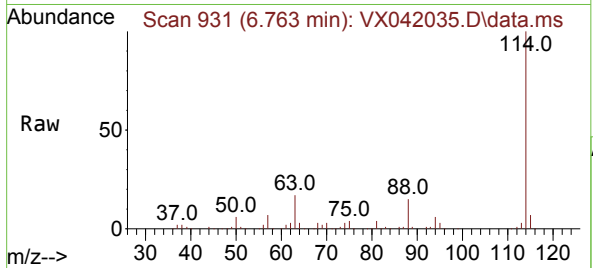




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

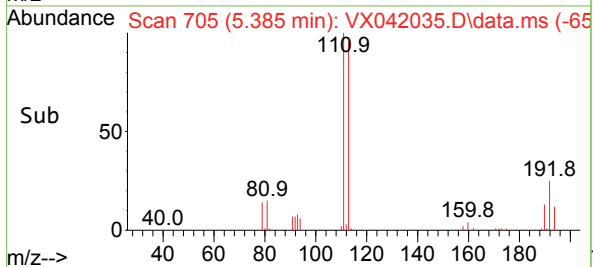
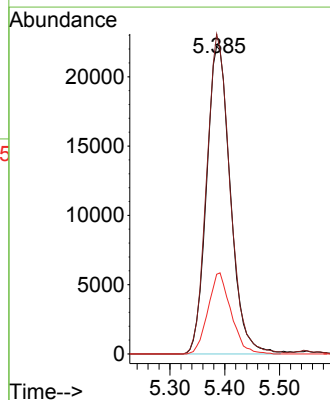
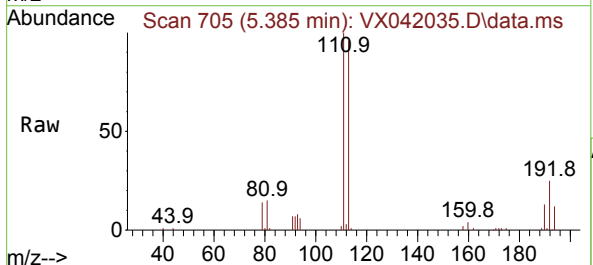
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

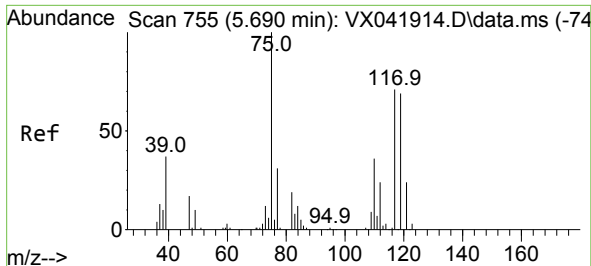
Tgt Ion:114 Resp: 211848
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.646 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion:113 Resp: 67111
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.4 13.3 19.9#

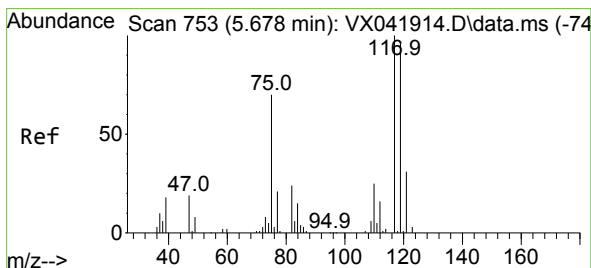
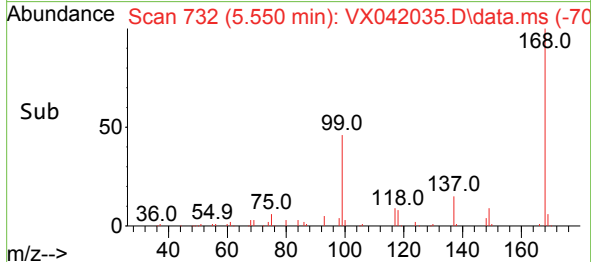
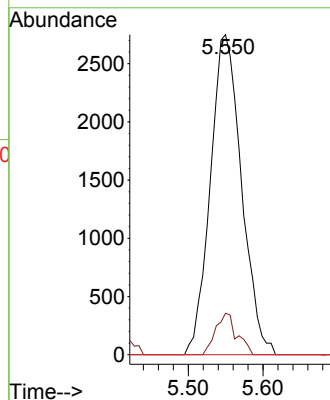
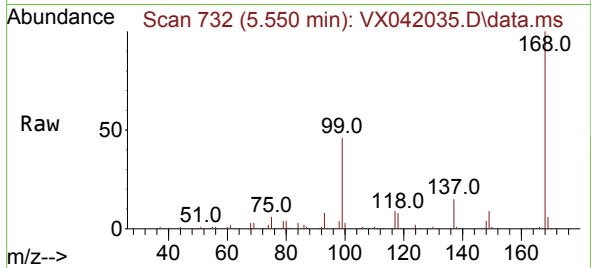




#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

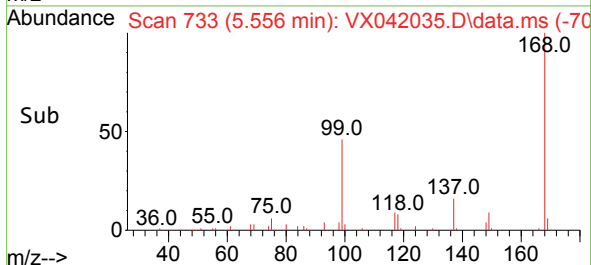
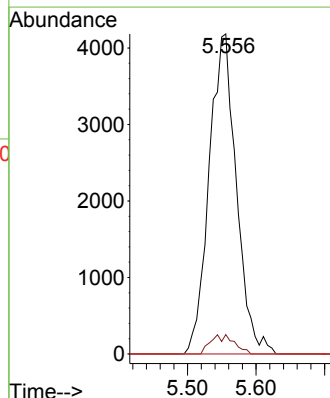
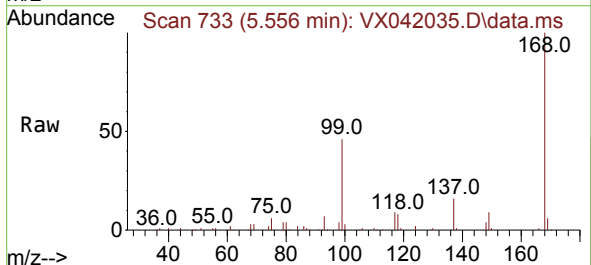
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

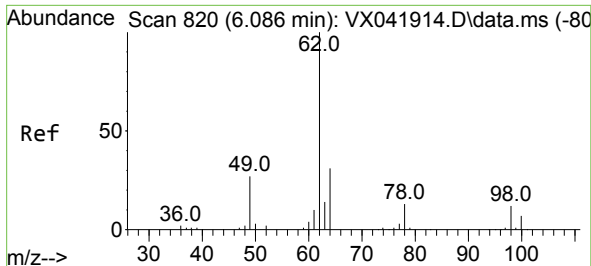
Tgt Ion: 75 Resp: 7976
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion: 117 Resp: 11553
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.220 ug/l

RT: 6.111 min Scan# 81

Delta R.T. 0.024 min

Lab File: VX042035.D

Acq: 25 Jun 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

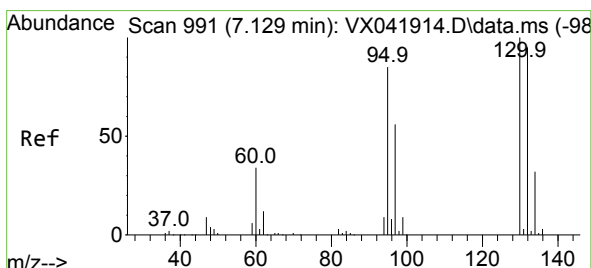
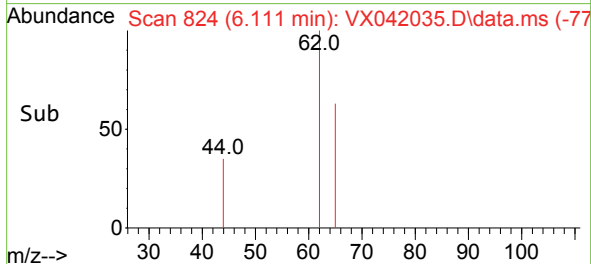
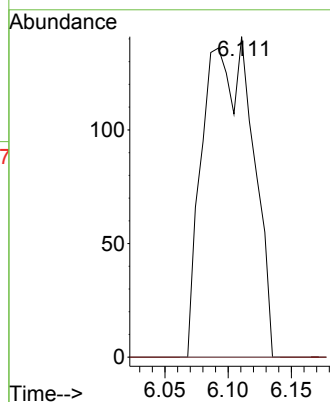
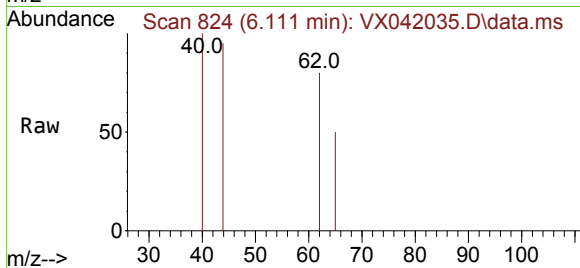
GWBR-05-257-278-062424

Tgt Ion: 62 Resp: 381

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 1.215 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX042035.D

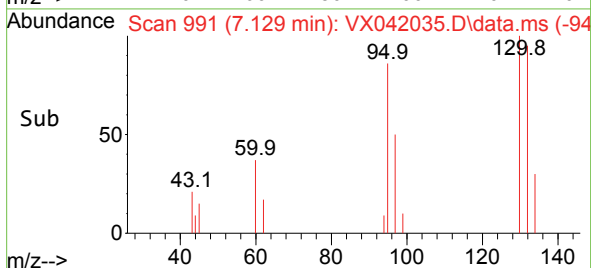
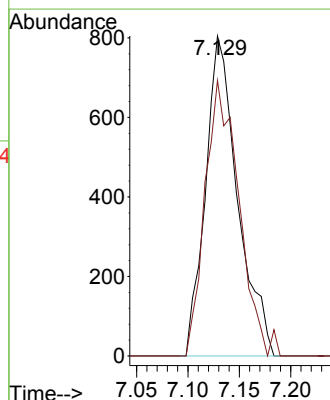
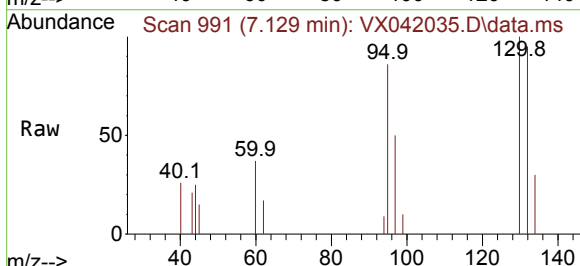
Acq: 25 Jun 2024 16:20

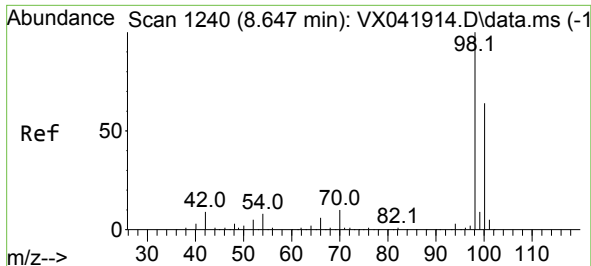
Tgt Ion:130 Resp: 1754

Ion Ratio Lower Upper

130 100

95 86.1 0.0 204.4

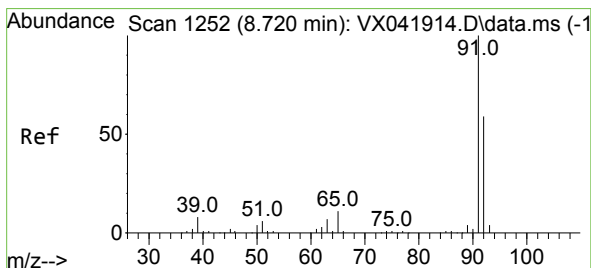
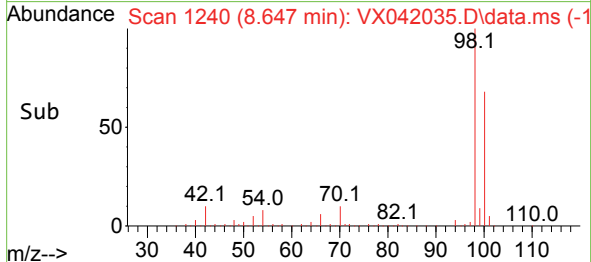
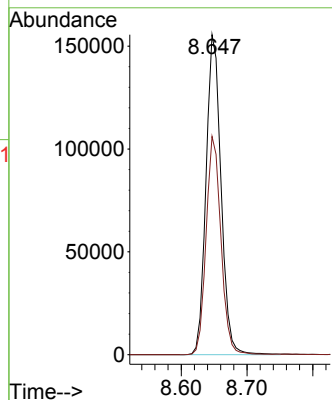
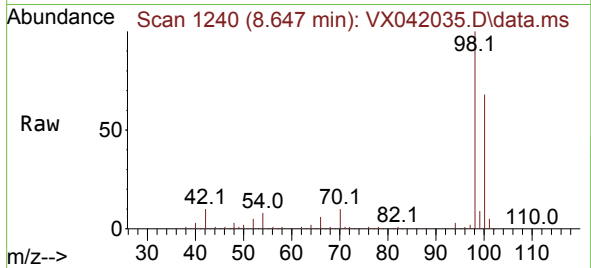




#50
Toluene-d8
Concen: 46.736 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

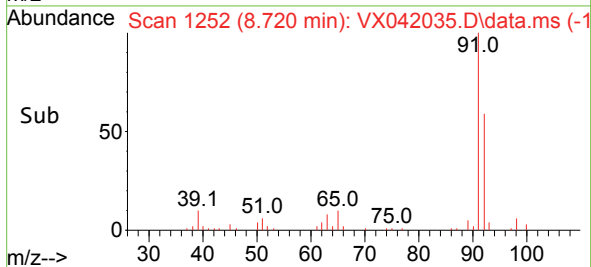
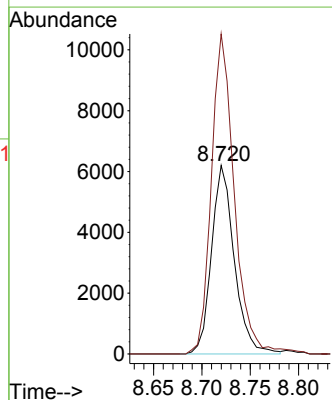
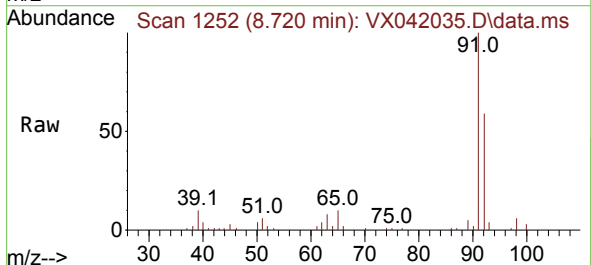
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

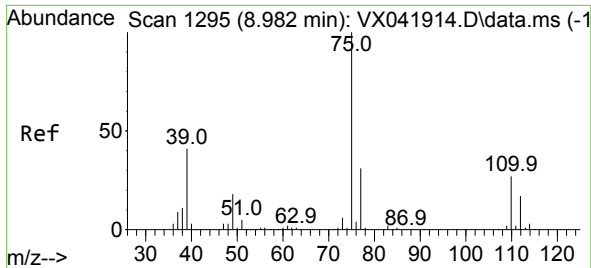
Tgt Ion: 98 Resp: 246799
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7



#52
Toluene
Concen: 2.966 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion: 92 Resp: 10167
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2

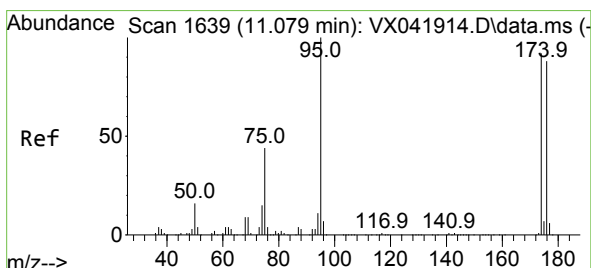
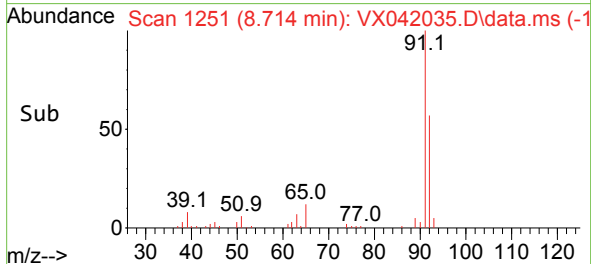
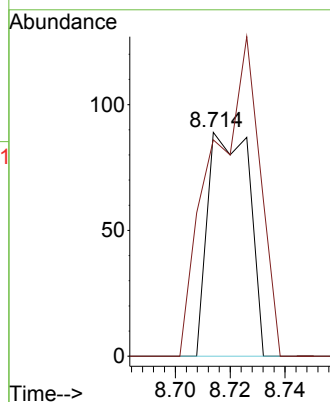
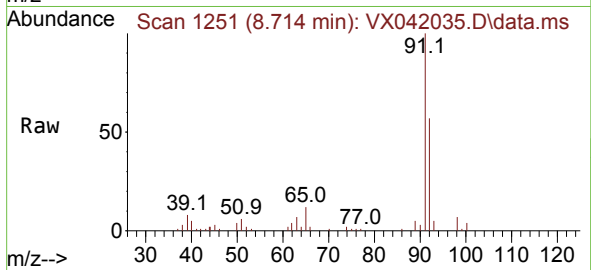




#53
t-1,3-Dichloropropene
Concen: 0.942 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.268 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

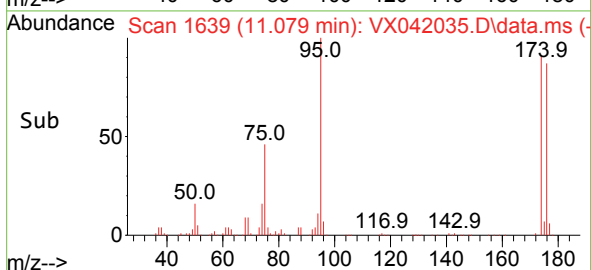
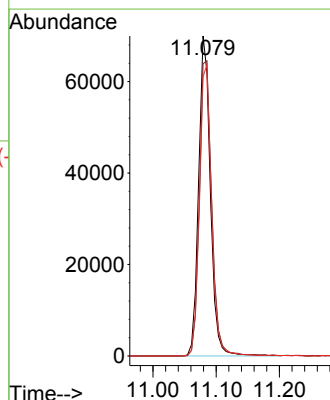
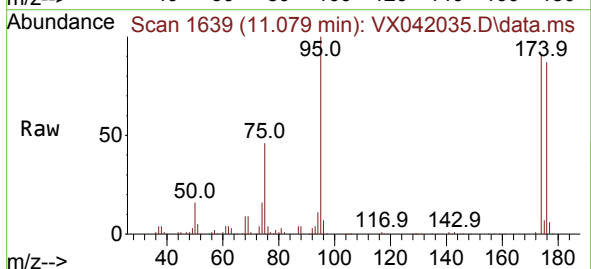
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

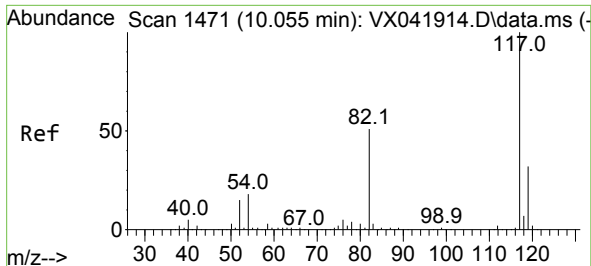
Tgt Ion: 75 Resp: 94
Ion Ratio Lower Upper
75 100
77 96.6 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 46.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion: 95 Resp: 90659
Ion Ratio Lower Upper
95 100
174 97.6 0.0 135.6
176 94.1 0.0 131.0

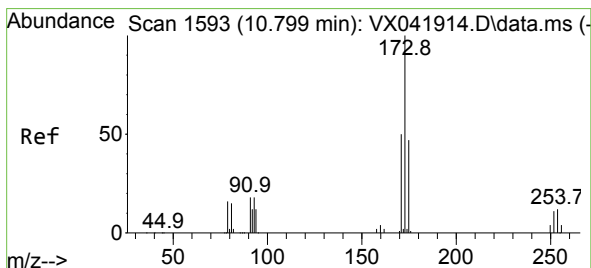
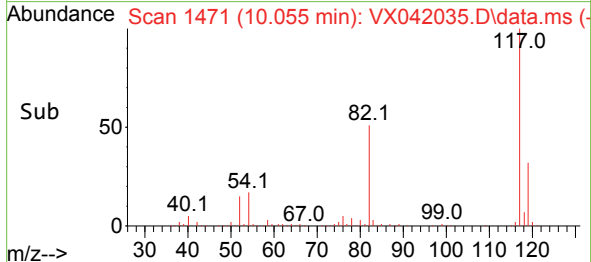
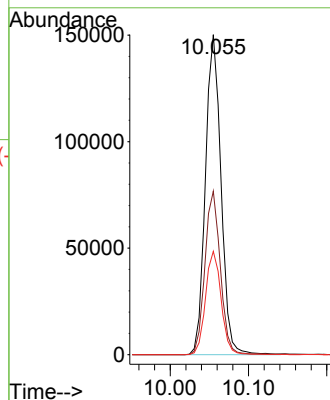
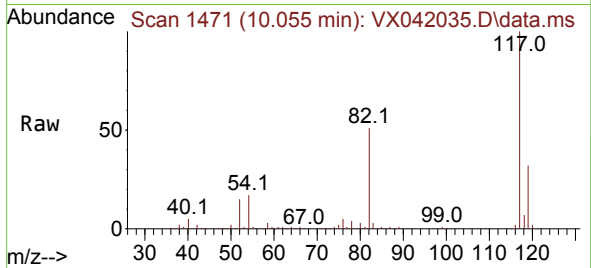




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

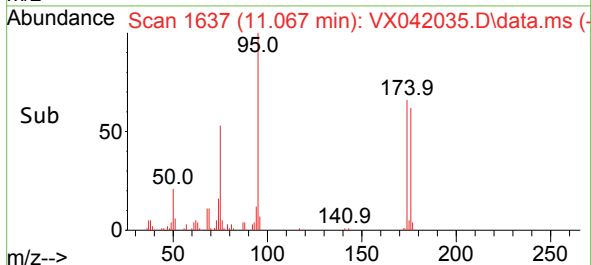
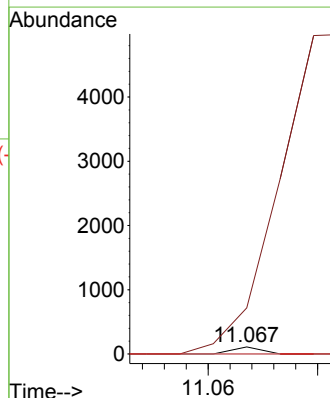
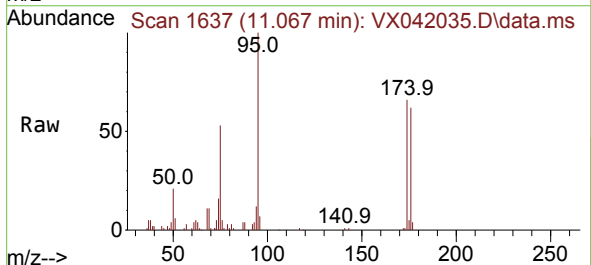
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

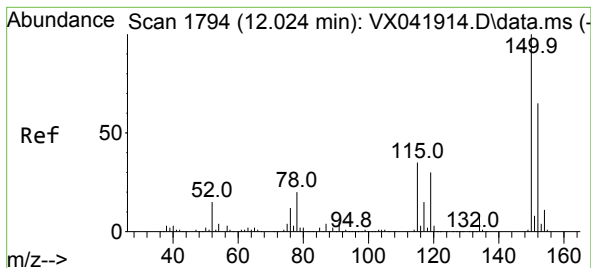
Tgt Ion:117	Resp:	207529	
Ion	Ratio	Lower	Upper
117	100		
82	51.1	46.2	69.4
119	32.3	25.5	38.3



#71
Bromoform
Concen: 0.904 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion:173	Resp:	41	
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.4#
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042035.D

Acq: 25 Jun 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

GWBR-05-257-278-062424

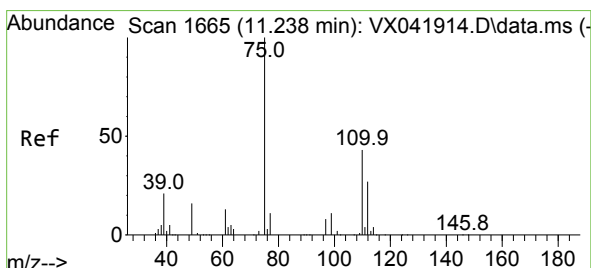
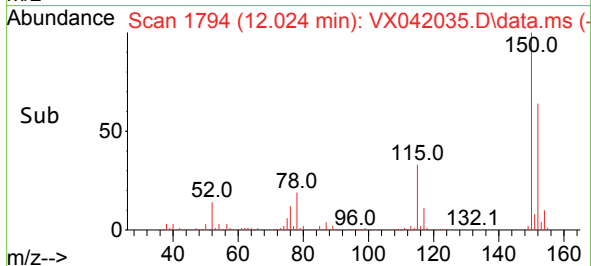
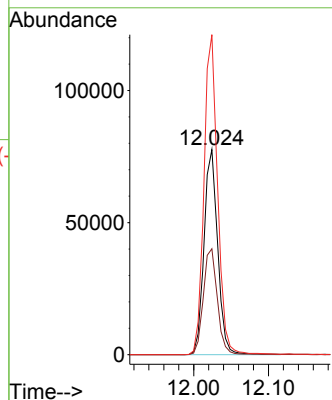
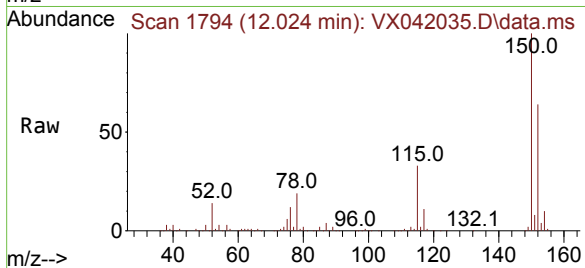
Tgt Ion:152 Resp: 98729

Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 155.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.379 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042035.D

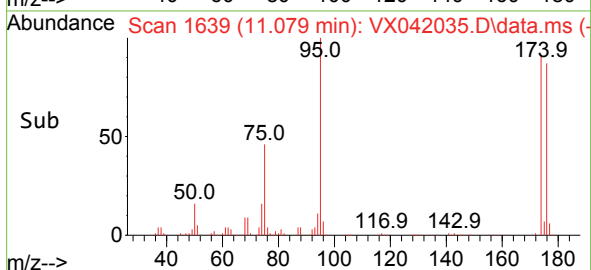
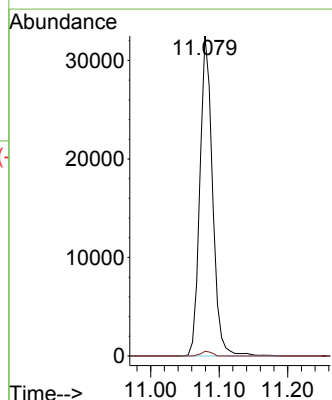
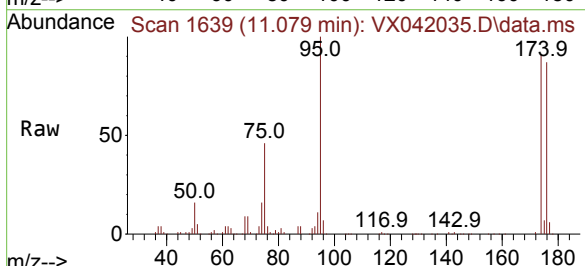
Acq: 25 Jun 2024 16:20

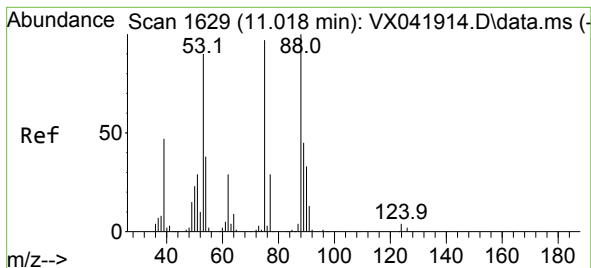
Tgt Ion: 75 Resp: 41902

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

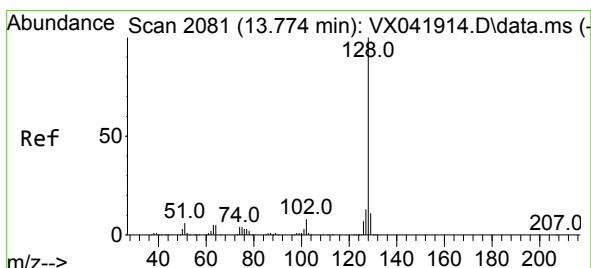
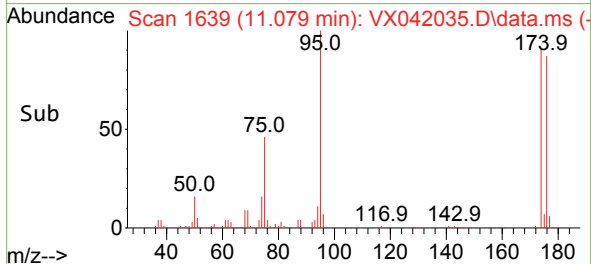
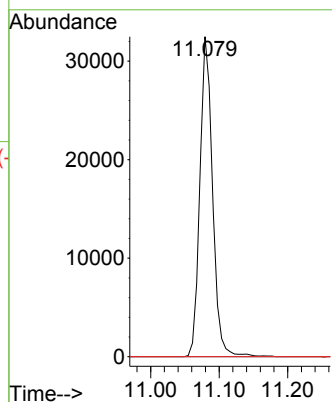
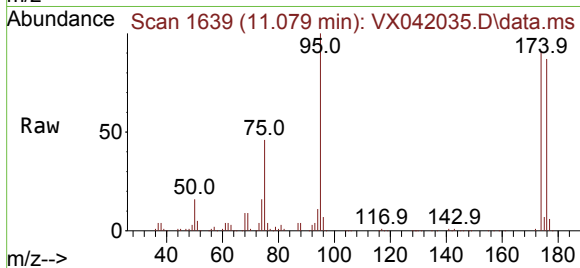




#81
trans-1,4-Dichloro-2-butene
Concen: 66.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-257-278-062424

Tgt Ion: 75 Resp: 41902
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.004 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042035.D
Acq: 25 Jun 2024 16:20

Tgt Ion: 128 Resp: 1842
Ion Ratio Lower Upper
128 100
127 9.8 10.3 15.5#
129 8.0 8.8 13.2#

