

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042032.D
 Acq On : 25 Jun 2024 15:10
 Operator : JC/MD
 Sample : P3054-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR-05-281-302-062424

Quant Time: Jun 26 05:39:16 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)

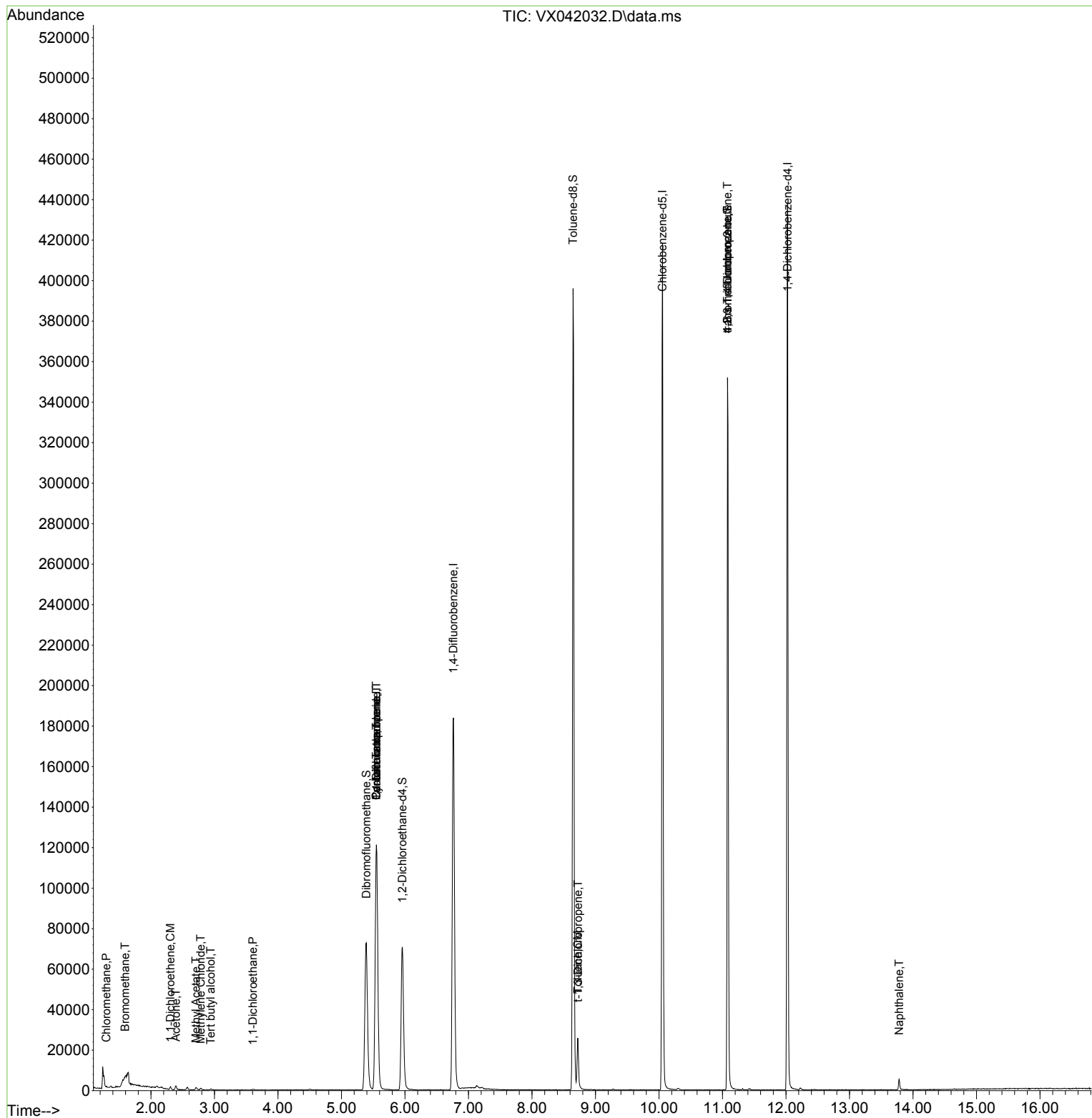
Internal Standards						
1) Pentafluorobenzene	5.550	168	136684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	210575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68470	43.442	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.880%
35) Dibromofluoromethane	5.391	113	65276	43.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	8.647	98	248074	47.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.520%
62) 4-Bromofluorobenzene	11.079	95	93845	48.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	431	0.330	ug/l	# 82
5) Bromomethane	1.593	94	153	0.237	ug/l	# 71
6) Chloroethane	1.666	64	308	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	285	0.953	ug/l	# 78
12) 1,1-Dichloroethene	2.307	96	484	0.411	ug/l	79
16) Acetone	2.392	43	2082	3.008	ug/l	90
18) Methyl Acetate	2.709	43	1650	0.874	ug/l	93
20) Methylene Chloride	2.782	84	489	0.323	ug/l	# 54
24) 1,1-Dichloroethane	3.605	63	618	0.279	ug/l	# 83
31) Cyclohexane	5.550	56	1934	1.049	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7841	4.942	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11364	6.482	ug/l	# 16
52) Toluene	8.720	92	10208	2.996	ug/l	99
53) t-1,3-Dichloropropene	8.726	75	44	0.915	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	42541	21.639	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42541	61.453	ug/l	# 5
95) Naphthalene	13.780	128	4536	1.323	ug/l	99

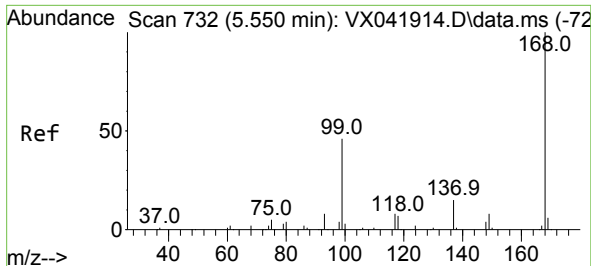
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GWBR-05-281-302-062424

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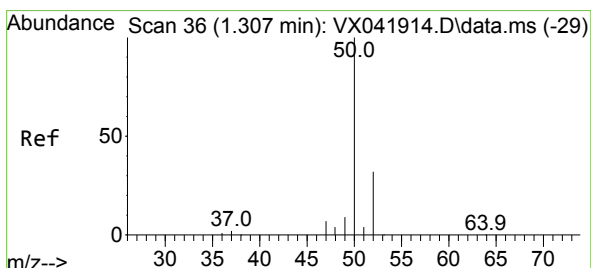
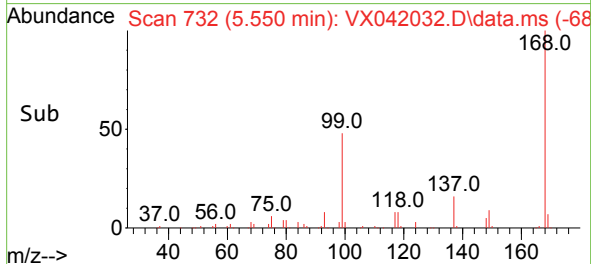
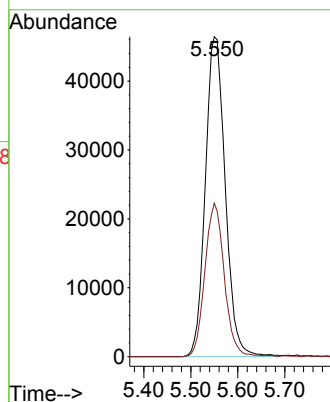
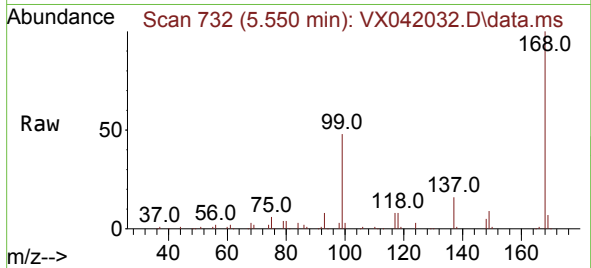




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

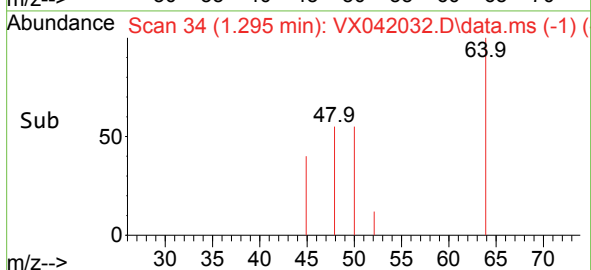
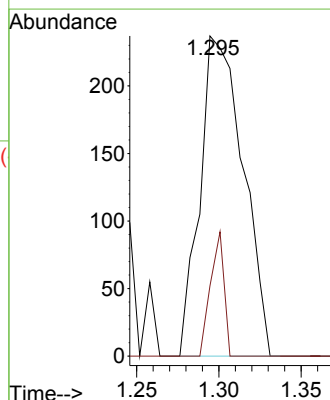
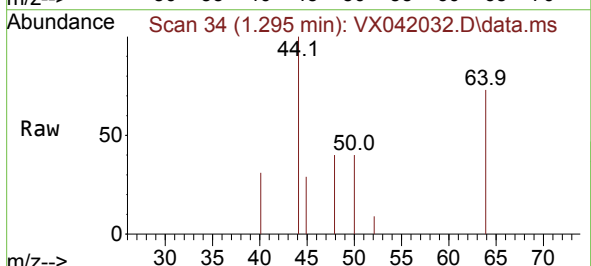
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

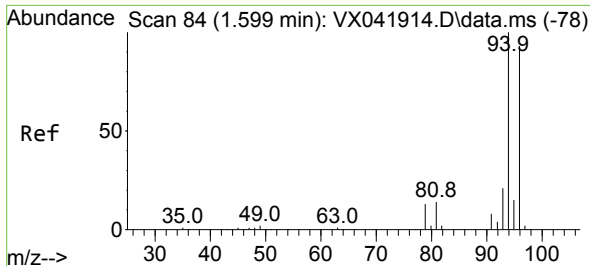
Tgt Ion:168 Resp: 136684
Ion Ratio Lower Upper
168 100
99 48.0 56.6 85.0#



#3
Chloromethane
Concen: 0.330 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 50 Resp: 431
Ion Ratio Lower Upper
50 100
52 21.9 25.5 38.3#

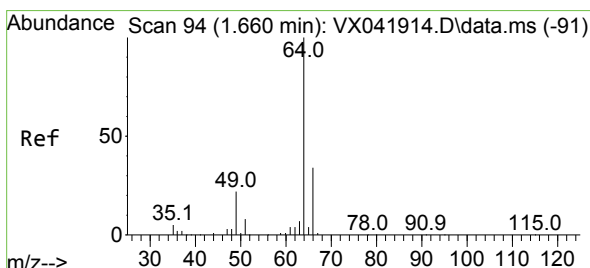
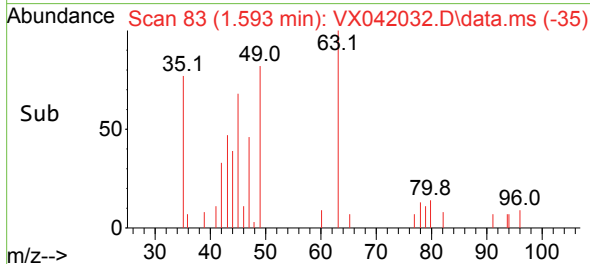
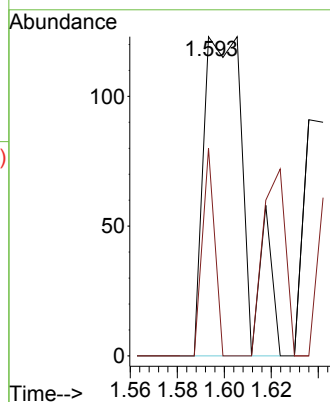
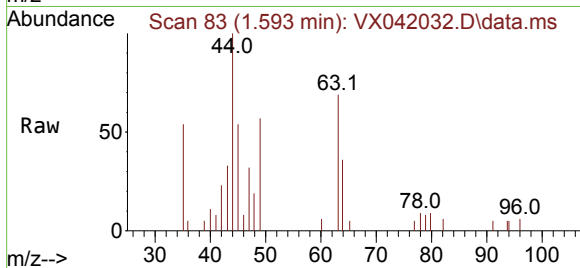




#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

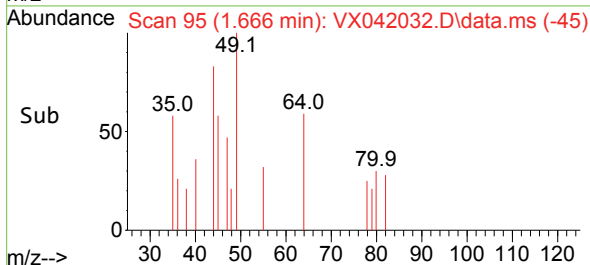
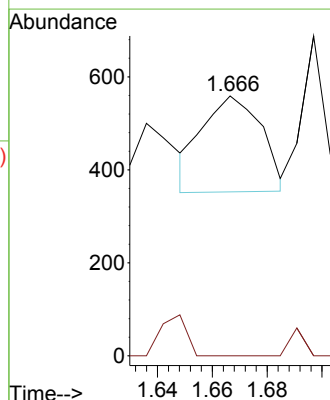
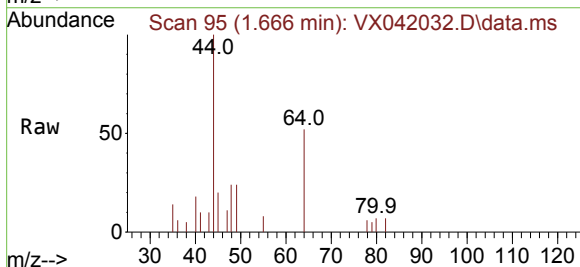
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

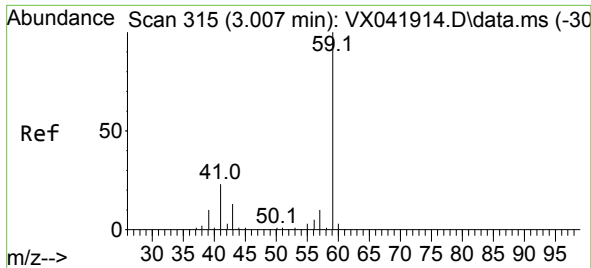
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 65.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 64 Resp: 308
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

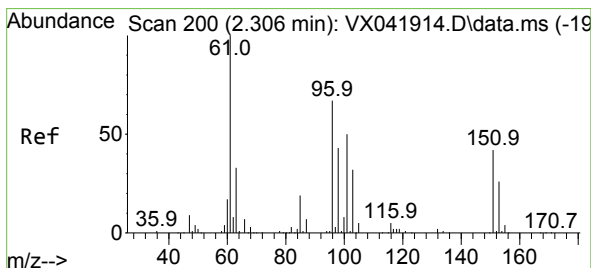
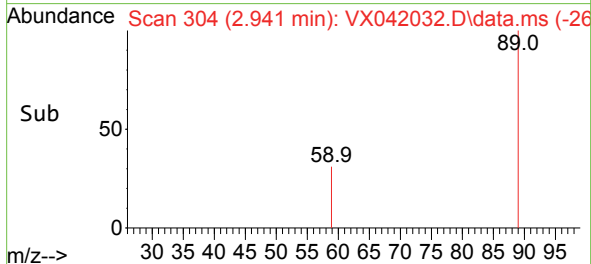
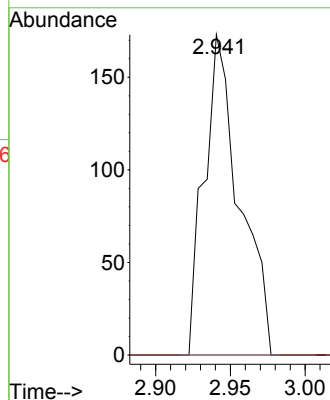
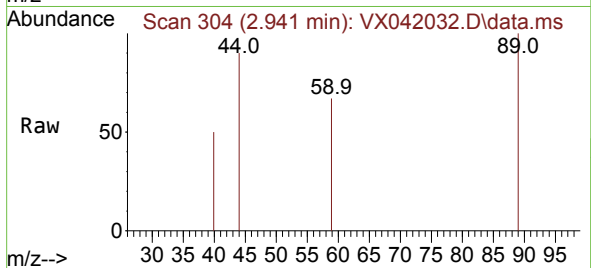




#11
Tert butyl alcohol
Concen: 0.953 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.067 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

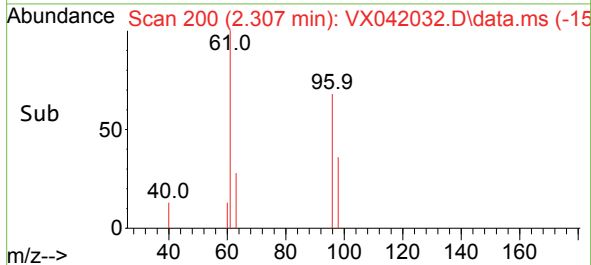
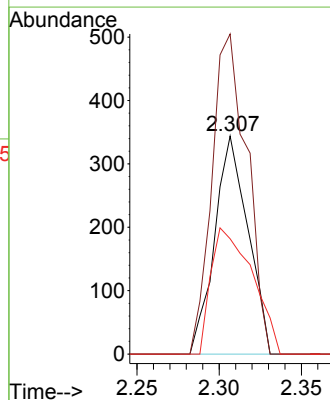
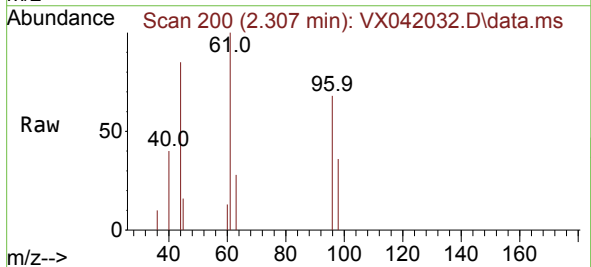
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

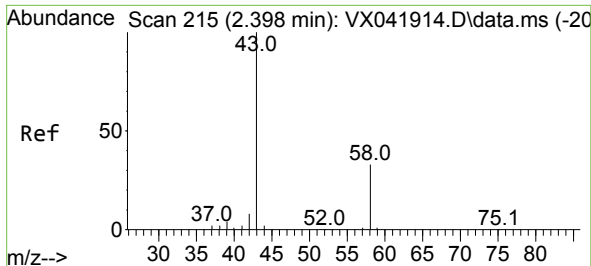
Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.411 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 96 Resp: 484
Ion Ratio Lower Upper
96 100
61 146.8 144.6 216.8
98 52.9 50.4 75.6

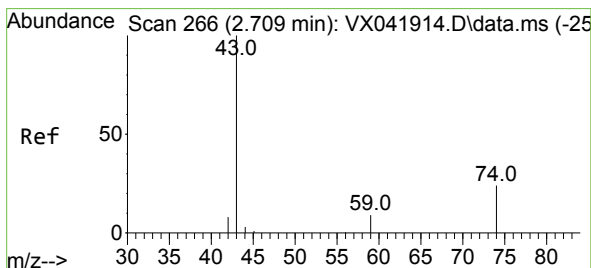
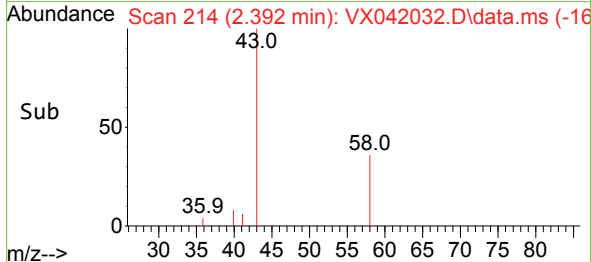
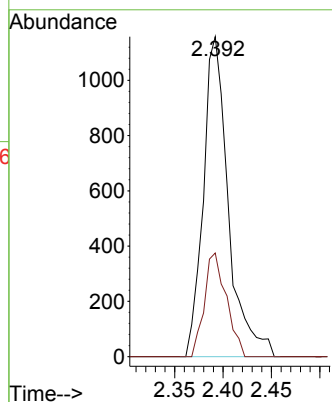
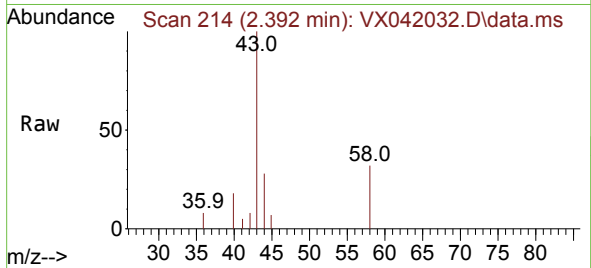




#16
Acetone
Concen: 3.008 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

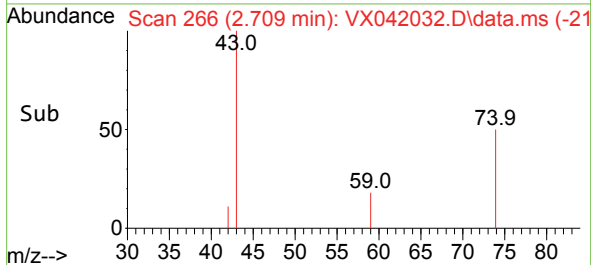
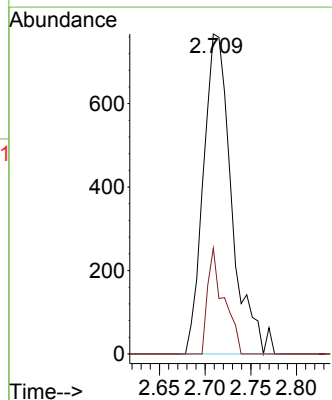
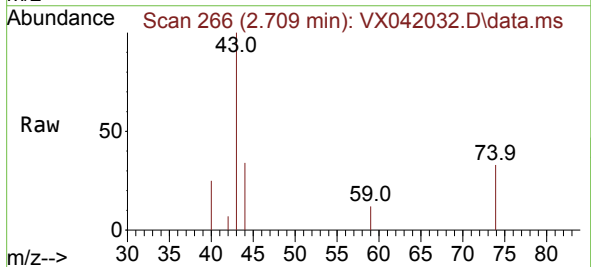
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

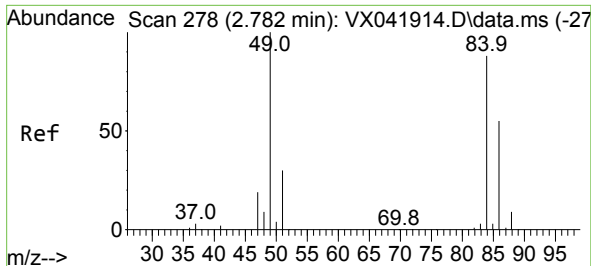
Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9



#18
Methyl Acetate
Concen: 0.874 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
74 18.9 17.8 26.8

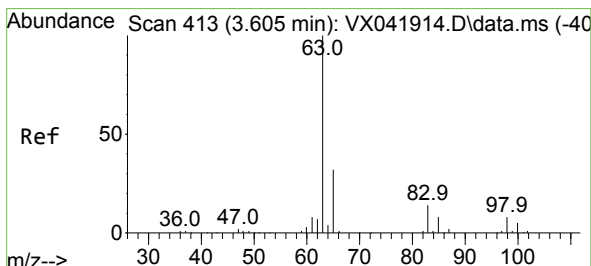
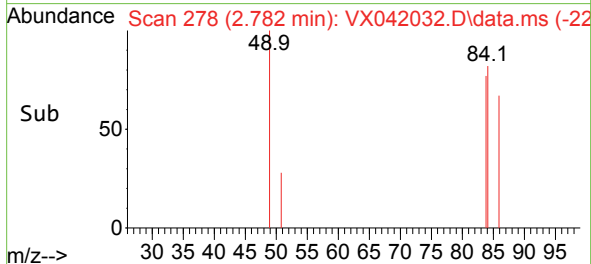
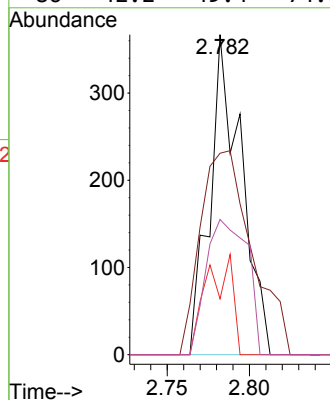
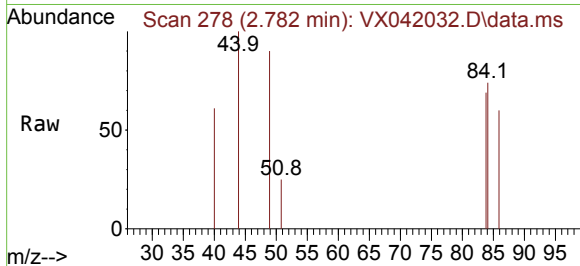




#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

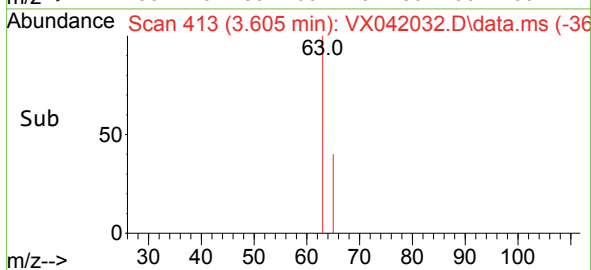
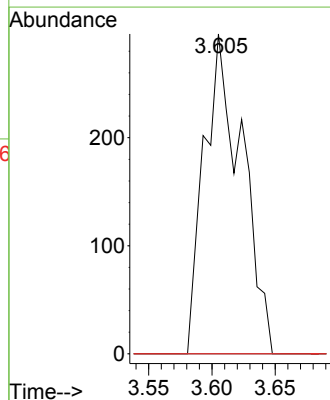
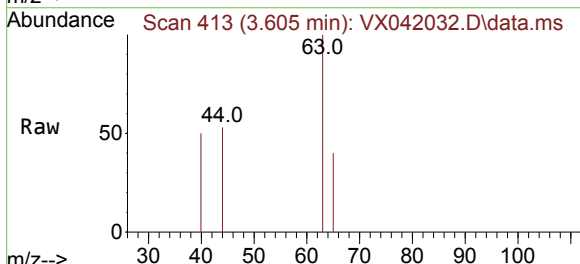
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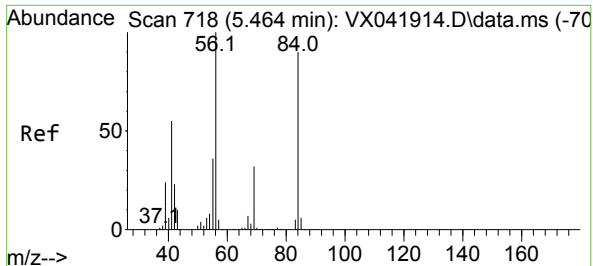
Tgt Ion:	84	Resp:	489
Ion	Ratio	Lower	Upper
84	100		
49	62.9	103.6	155.4#
51	17.4	33.8	50.6#
86	42.2	49.4	74.0#



#24
1,1-Dichloroethane
Concen: 0.279 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

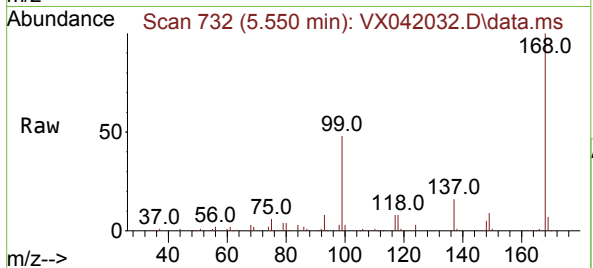
Tgt Ion:	63	Resp:	618
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#



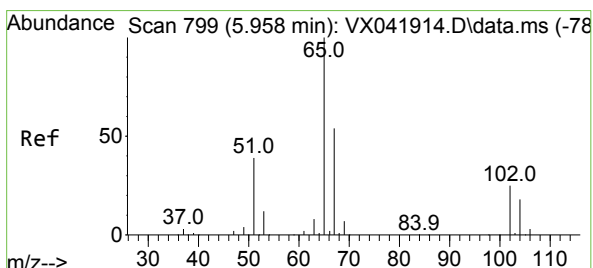
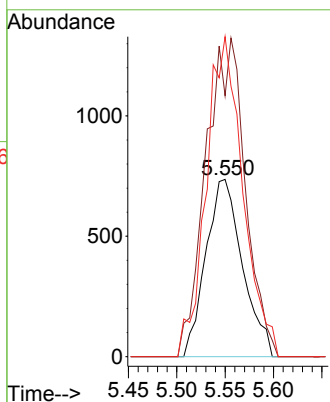
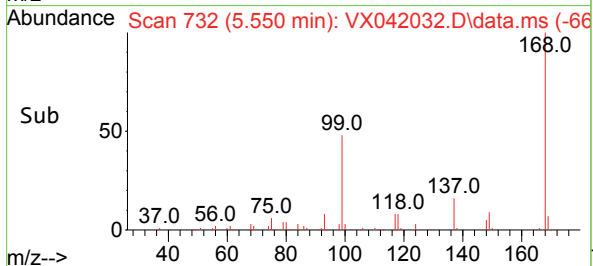


#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

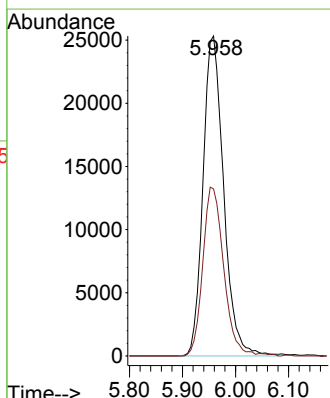
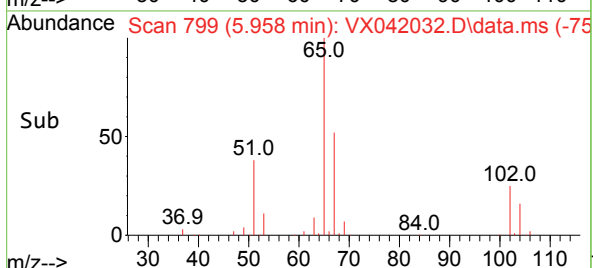
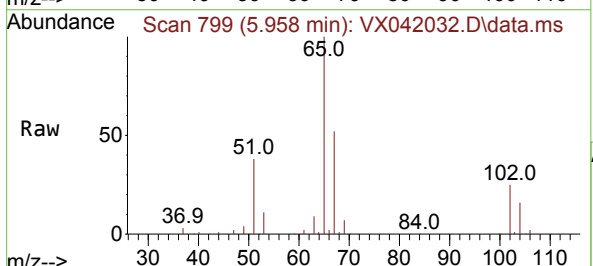


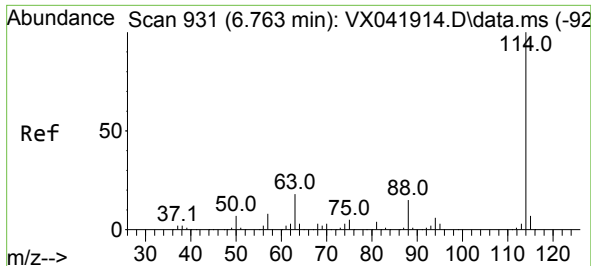
Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
69 147.3 23.4 35.2#
84 180.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.442 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 65 Resp: 68470
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2

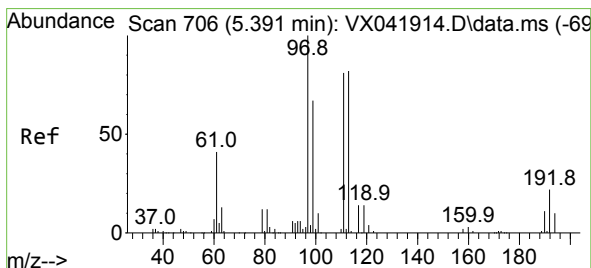
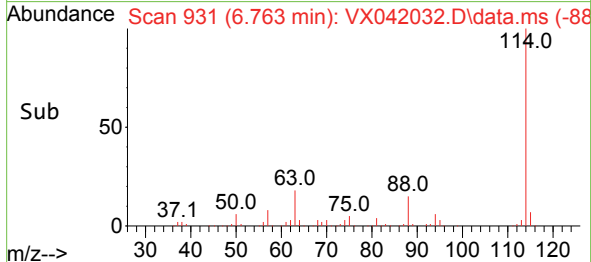
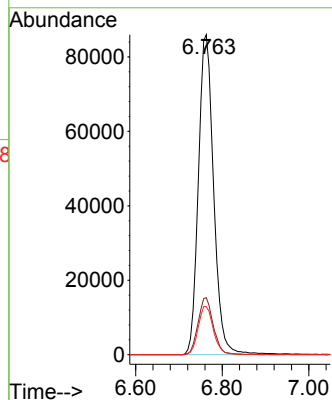
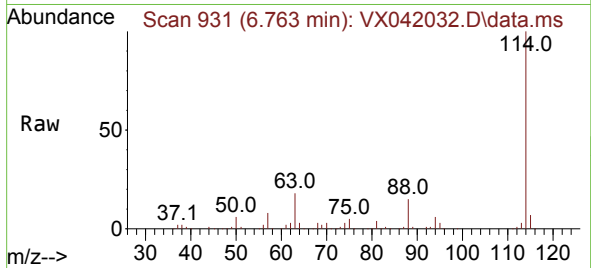




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

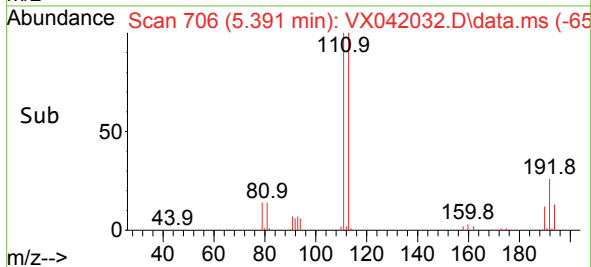
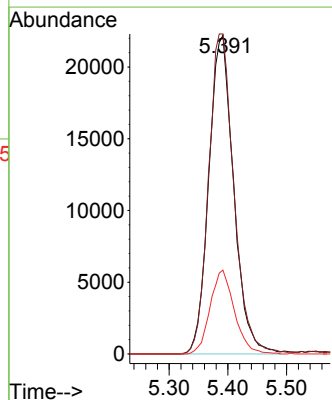
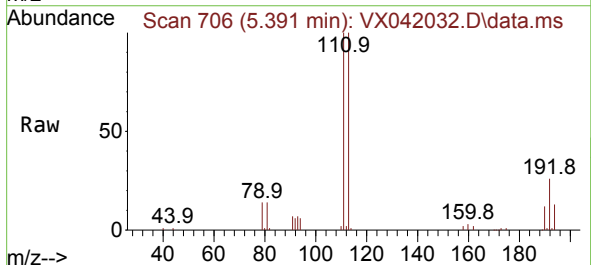
Instrument :
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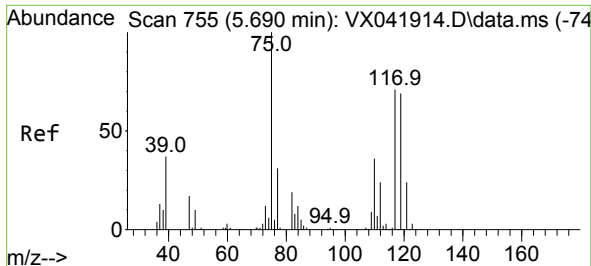
Tgt Ion:114 Resp: 210575
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.688 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion:113 Resp: 65276
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.7 13.3 19.9#

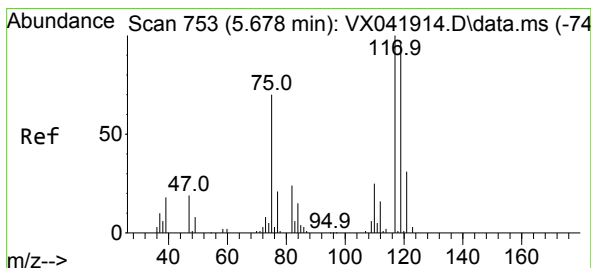
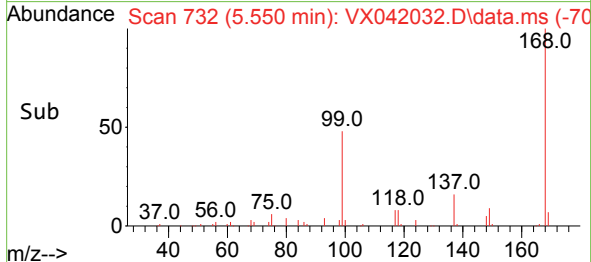
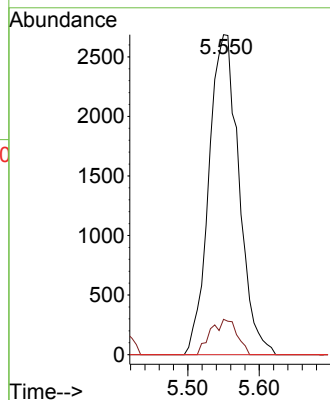
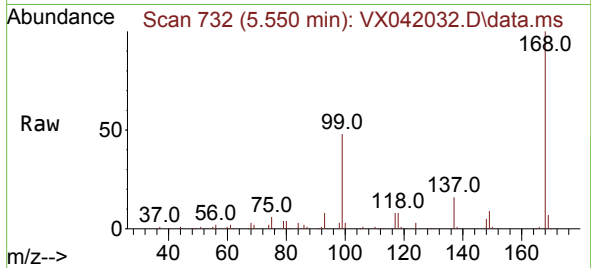




#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

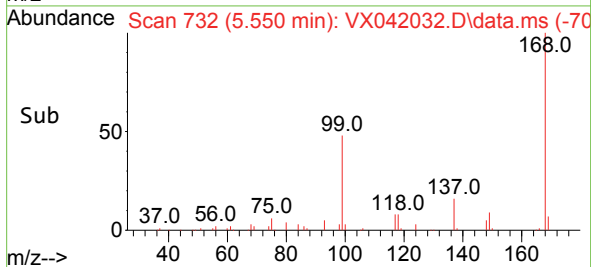
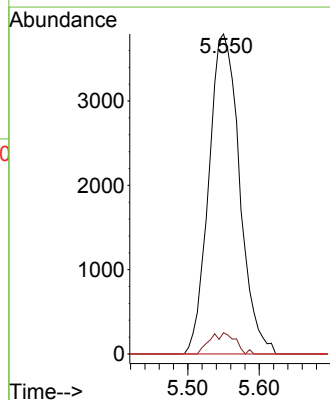
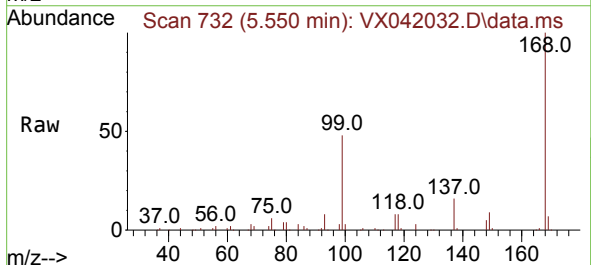
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

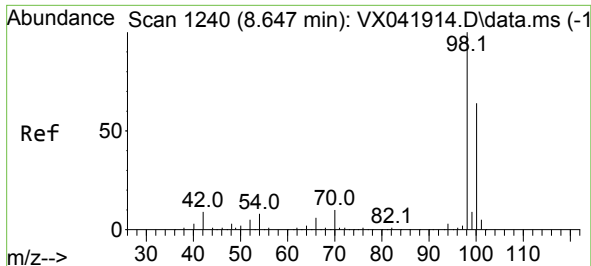
Tgt Ion: 75 Resp: 7841
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.482 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 117 Resp: 11364
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#

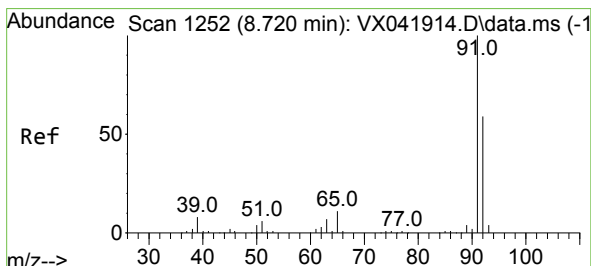
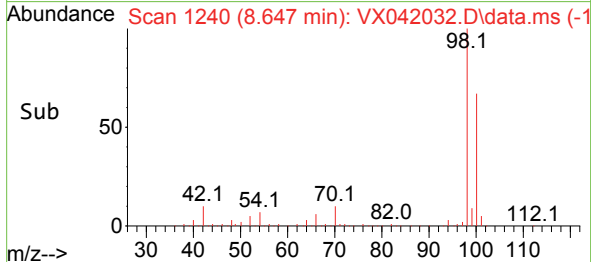
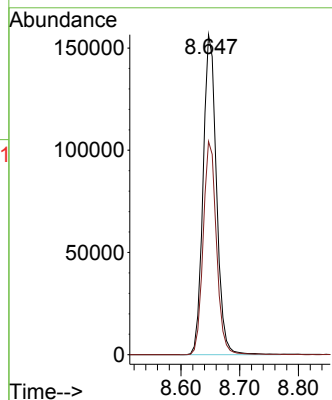
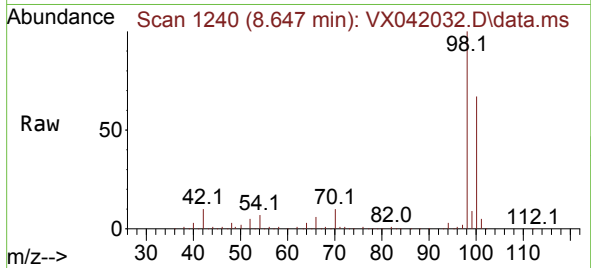




#50
Toluene-d8
Concen: 47.261 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

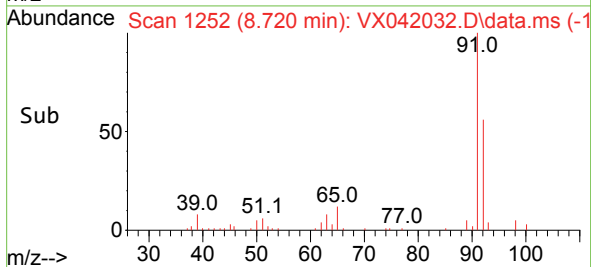
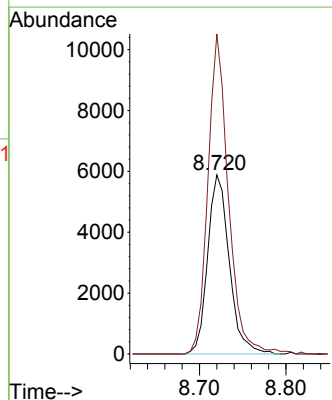
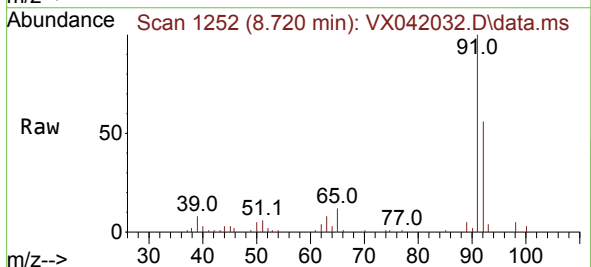
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

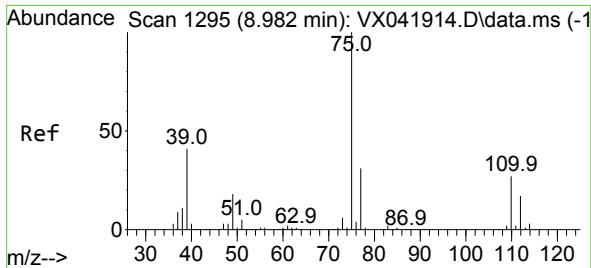
Tgt Ion: 98 Resp: 248074
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#52
Toluene
Concen: 2.996 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 92 Resp: 10208
Ion Ratio Lower Upper
92 100
91 169.5 134.2 201.2

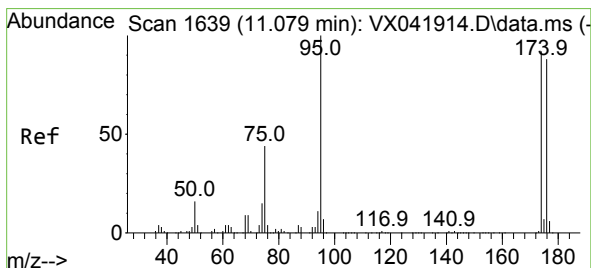
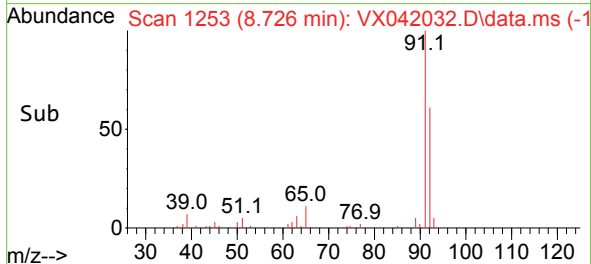
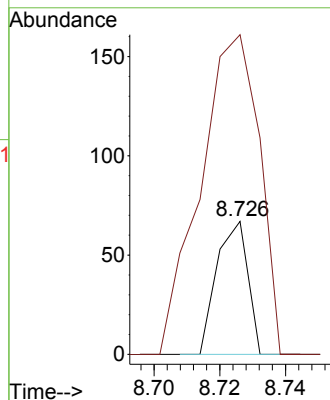
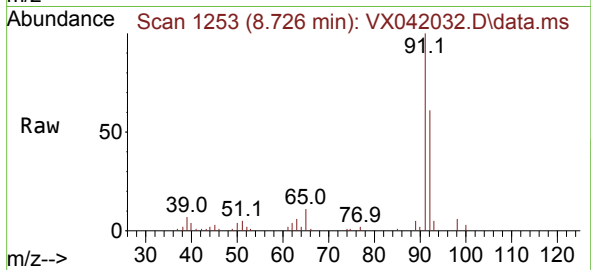




#53
t-1,3-Dichloropropene
Concen: 0.915 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.256 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

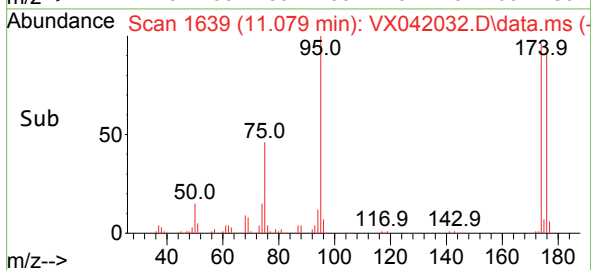
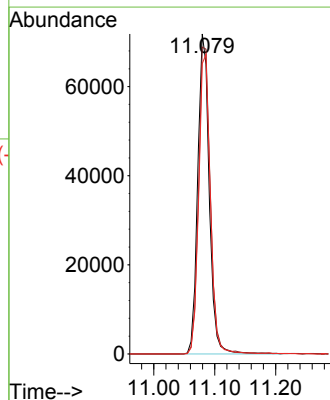
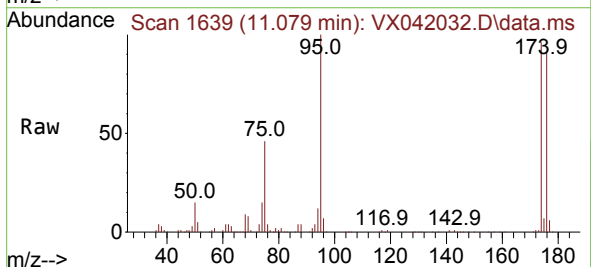
Instrument : MSVOA_X
ClientSampleId : GWBR-05-281-302-062424

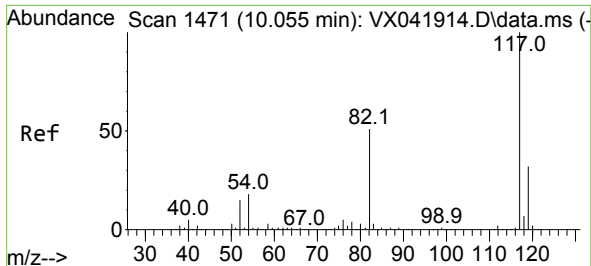
Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 240.3 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 48.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion: 95 Resp: 93845
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 95.1 0.0 131.0

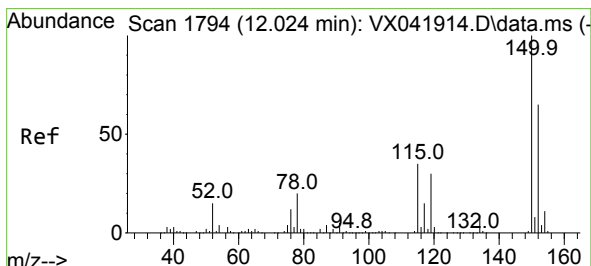
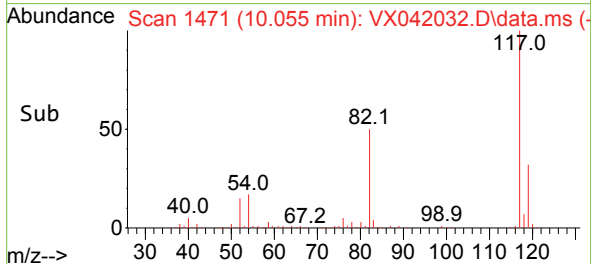
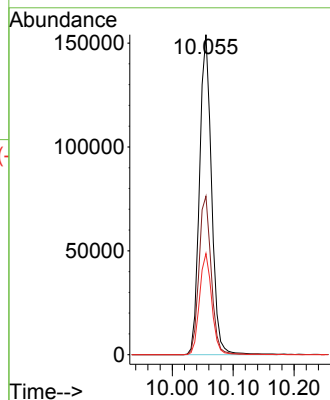
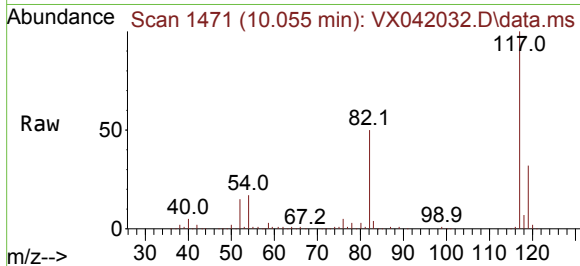




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

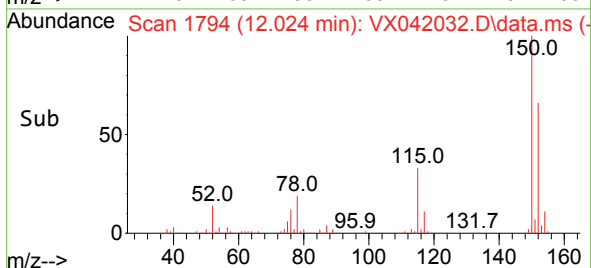
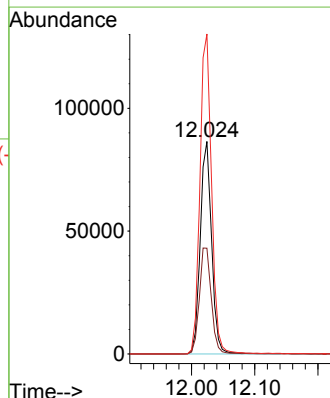
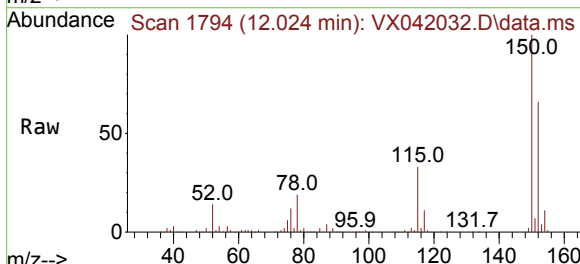
Instrument :
MSVOA_X
ClientSampleId :
GWBR-05-281-302-062424

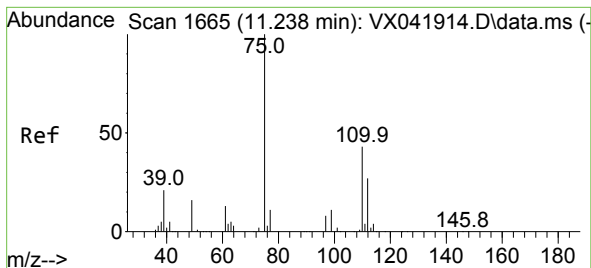
Tgt Ion:	117	Resp:	210783
Ion	Ratio	Lower	Upper
117	100		
82	49.5	46.2	69.4
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042032.D
Acq: 25 Jun 2024 15:10

Tgt Ion:	152	Resp:	108292
Ion	Ratio	Lower	Upper
152	100		
115	52.6	43.3	129.9
150	154.2	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 21.639 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042032.D

Acq: 25 Jun 2024 15:10

Instrument :

MSVOA_X

ClientSampleId :

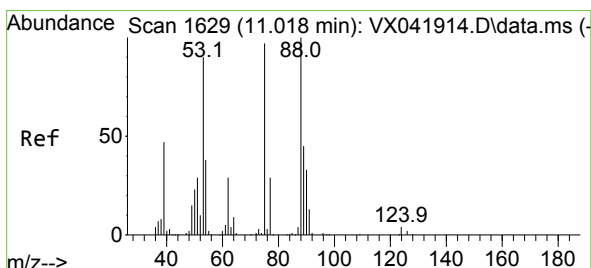
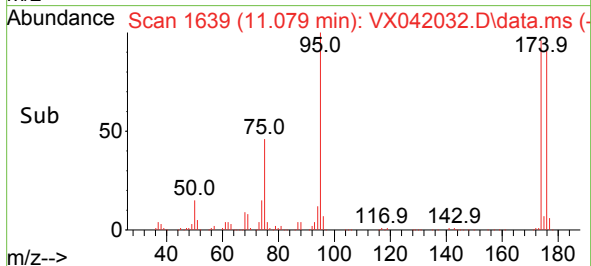
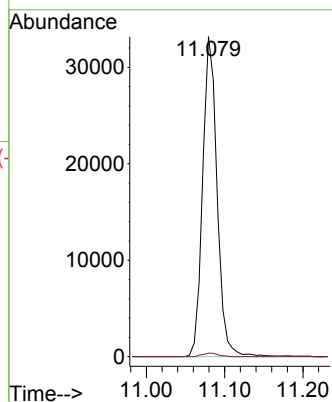
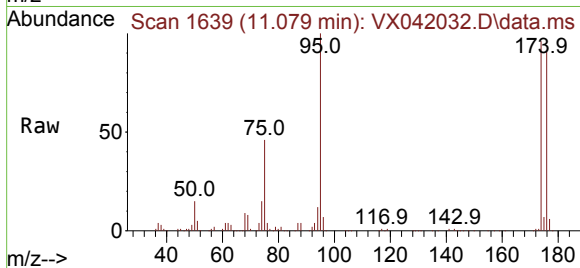
GWBR-05-281-302-062424

Tgt Ion: 75 Resp: 42541

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.453 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042032.D

Acq: 25 Jun 2024 15:10

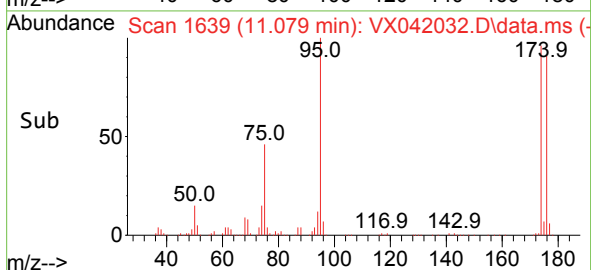
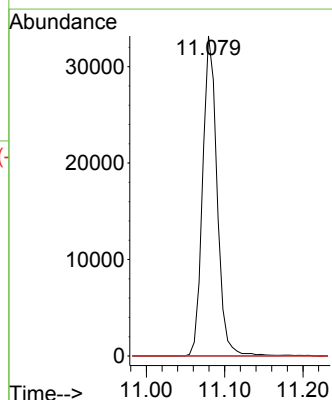
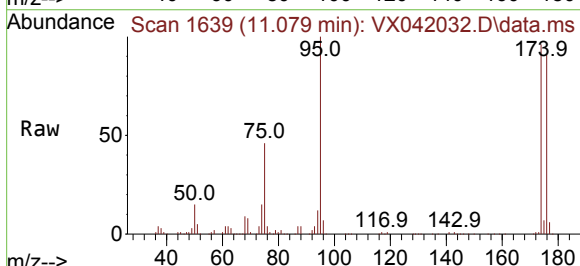
Tgt Ion: 75 Resp: 42541

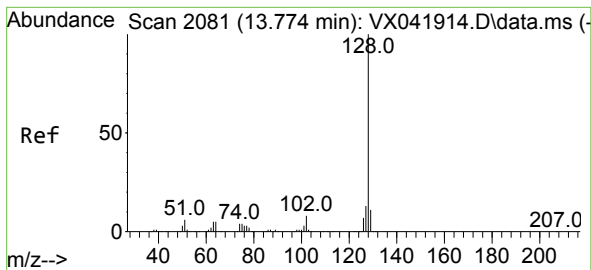
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 1.323 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042032.D

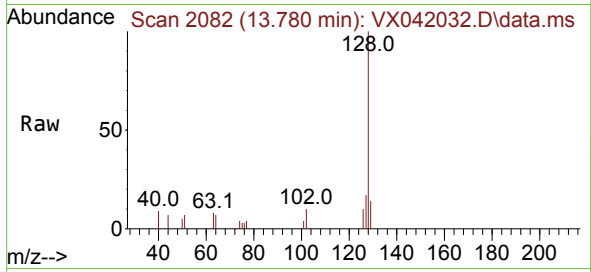
Acq: 25 Jun 2024 15:10

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:128 Resp: 4536

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.4 8.8 13.2

