

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036317.D
 Acq On : 24 Jun 2023 17:24
 Operator : JC/MD
 Sample : 03408-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-05-390-410-062323

Quant Time: Jun 26 03:27:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

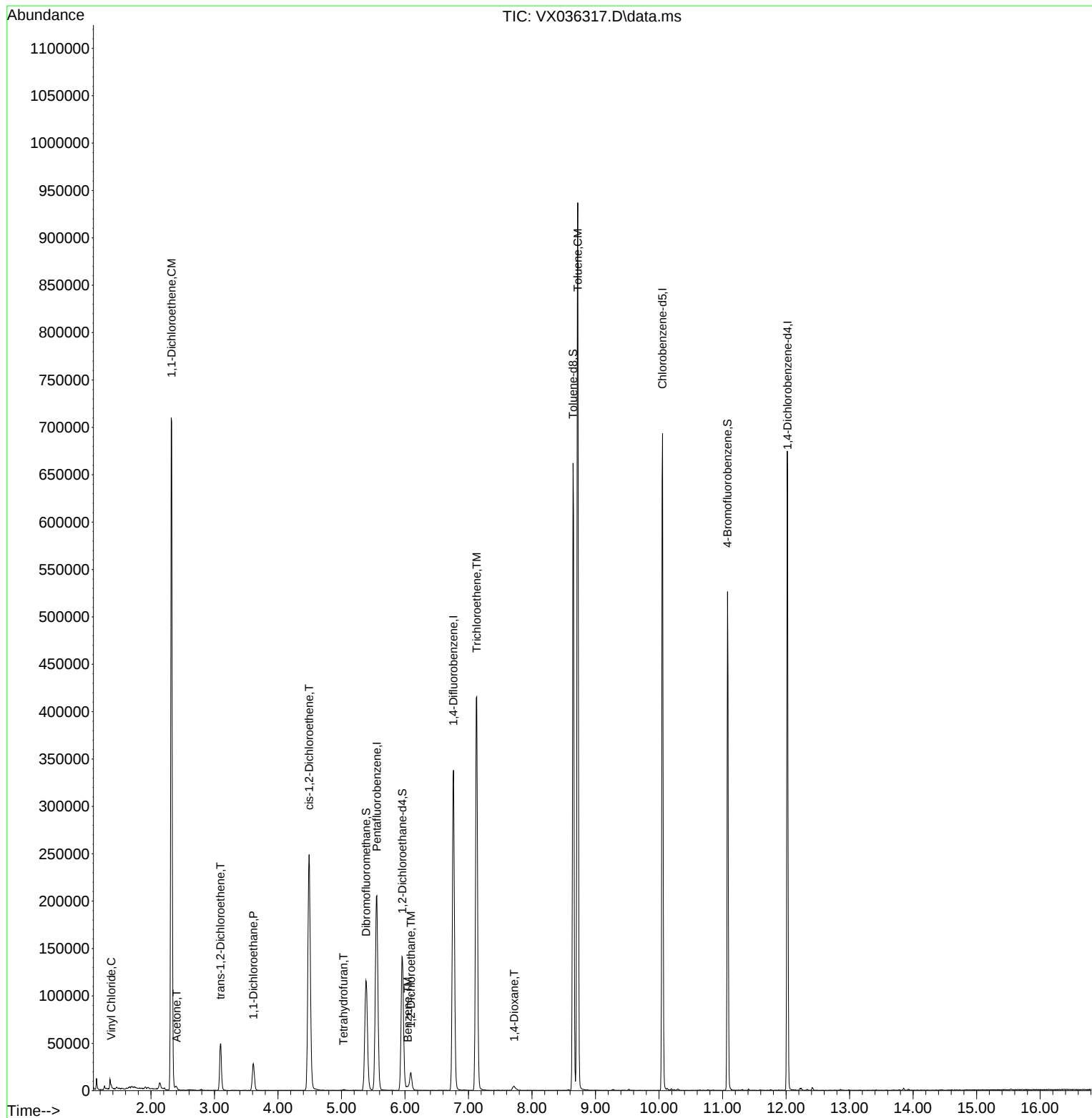
Internal Standards						
1) Pentafluorobenzene	5.556	168	193352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	340414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138686	50.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.080%
35) Dibromofluoromethane	5.385	113	103924	46.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
50) Toluene-d8	8.647	98	399119	47.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.220%
62) 4-Bromofluorobenzene	11.079	95	135716	45.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.920%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1924	0.554	ug/l #	82
12) 1,1-Dichloroethene	2.325	96	231589	105.393	ug/l	92
16) Acetone	2.404	43	4862	4.104	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	19895	8.485	ug/l	99
24) 1,1-Dichloroethane	3.611	63	31859	7.555	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	153513	58.376	ug/l	86
29) Tetrahydrofuran	5.032	42	756	0.698	ug/l #	68
40) Benzene	6.044	78	4071	0.436	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	20131	5.663	ug/l	100
44) Trichloroethene	7.129	130	158665	61.032	ug/l	96
49) 1,4-Dioxane	7.720	88	5473	91.017	ug/l #	93
52) Toluene	8.720	92	353543	59.687	ug/l	97

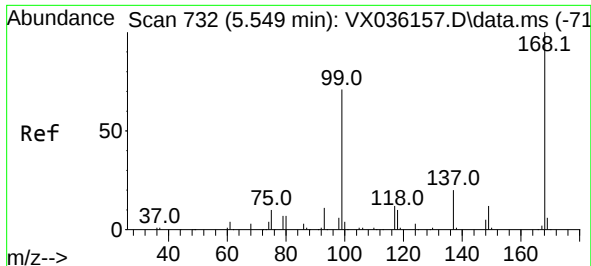
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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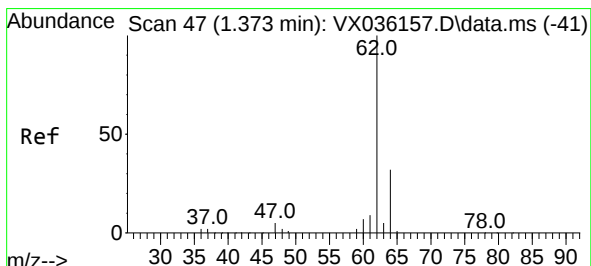
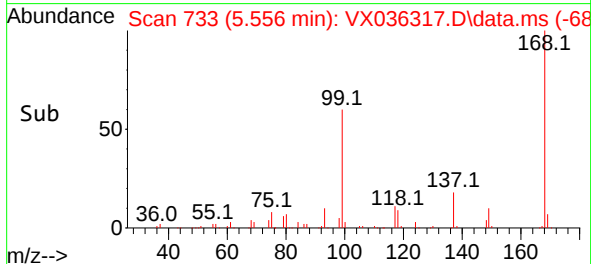
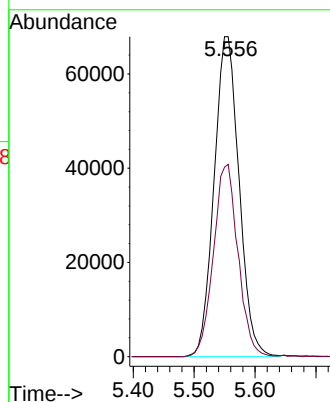
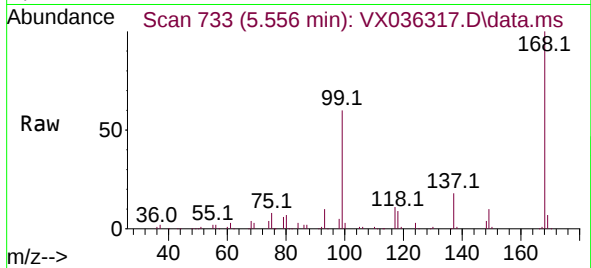




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036317.D
Acq: 24 Jun 2023 17:24

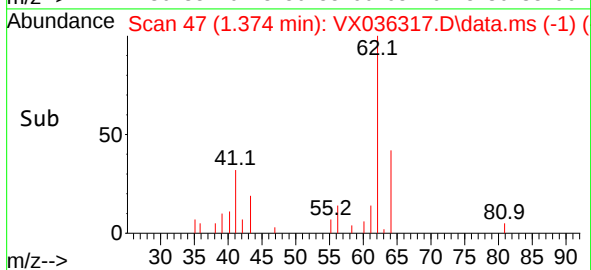
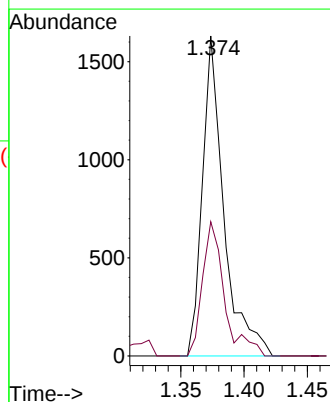
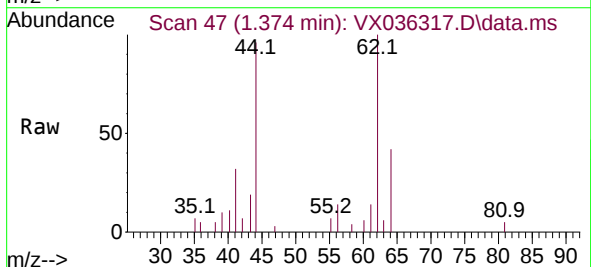
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-05-390-410-062323

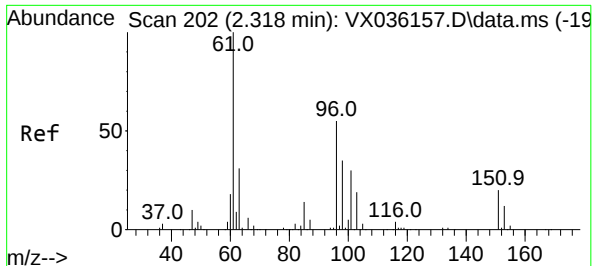
Tgt Ion:168 Resp: 193352
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#4
Vinyl Chloride
Concen: 0.554 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036317.D
Acq: 24 Jun 2023 17:24

Tgt Ion: 62 Resp: 1924
Ion Ratio Lower Upper
62 100
64 41.9 25.4 38.0#





#12

1,1-Dichloroethene

Concen: 105.393 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.007 min

Lab File: VX036317.D

Acq: 24 Jun 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-05-390-410-062323

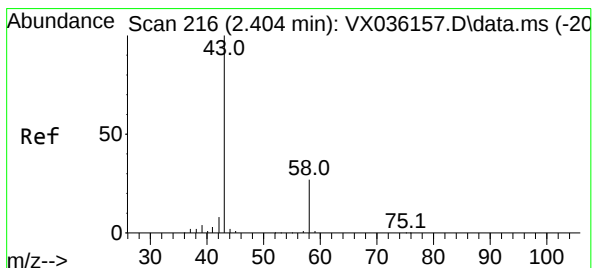
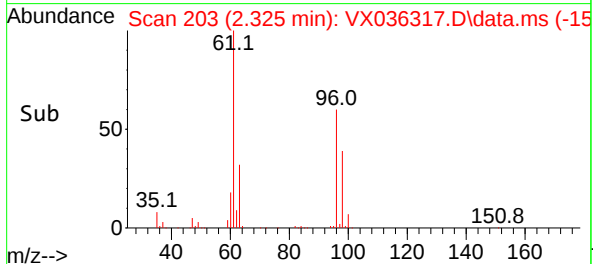
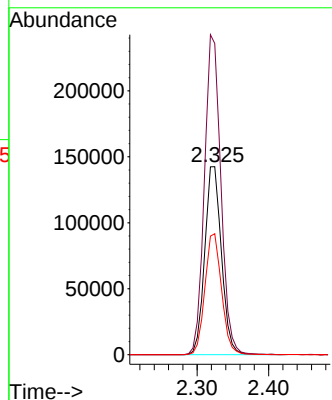
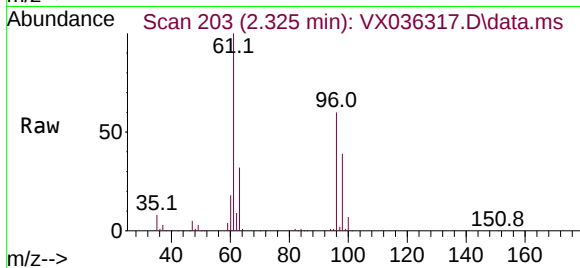
Tgt Ion: 96 Resp: 231589

Ion Ratio Lower Upper

96 100

61 165.5 144.6 216.8

98 64.3 50.4 75.6



#16

Acetone

Concen: 4.104 ug/l

RT: 2.404 min Scan# 216

Delta R.T. -0.000 min

Lab File: VX036317.D

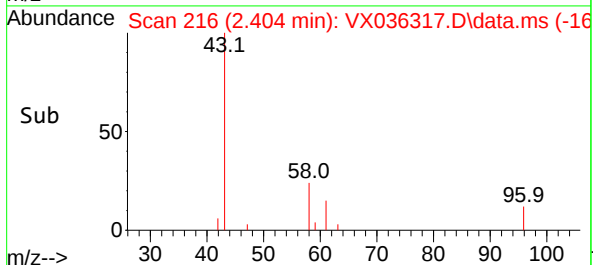
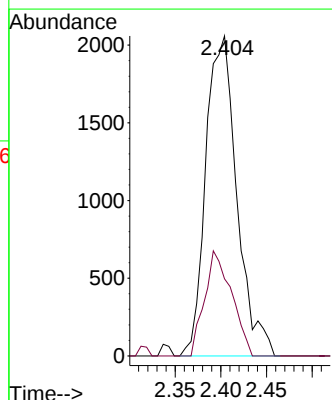
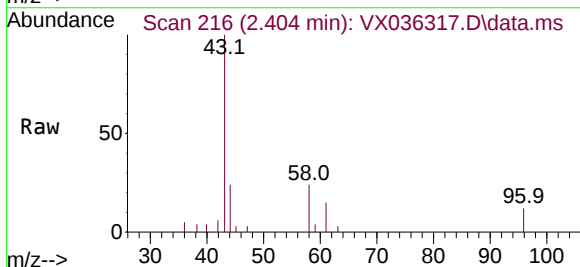
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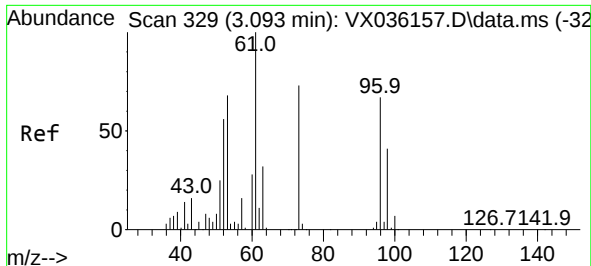
Tgt Ion: 43 Resp: 4862

Ion Ratio Lower Upper

43 100

58 24.1 21.9 32.9

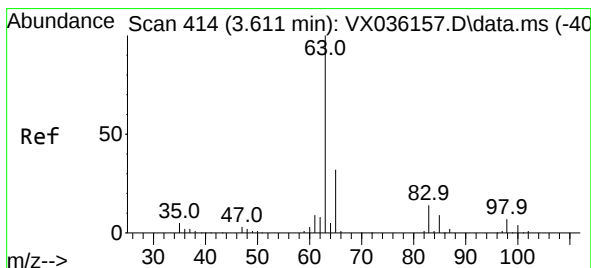
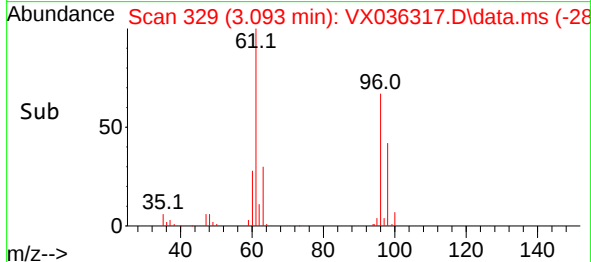
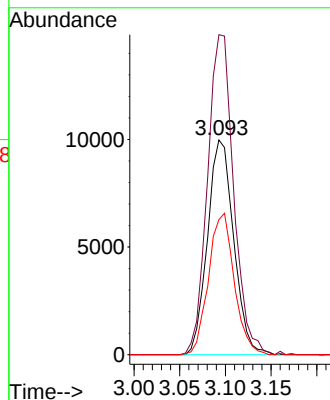
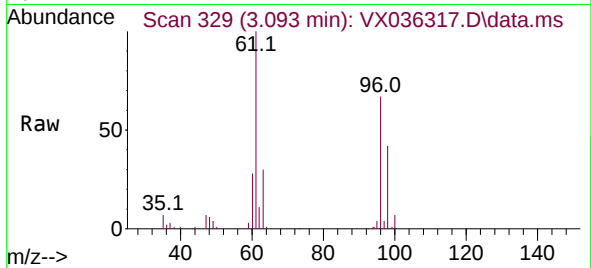




#21
trans-1,2-Dichloroethene
Concen: 8.485 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036317.D
Acq: 24 Jun 2023 17:24

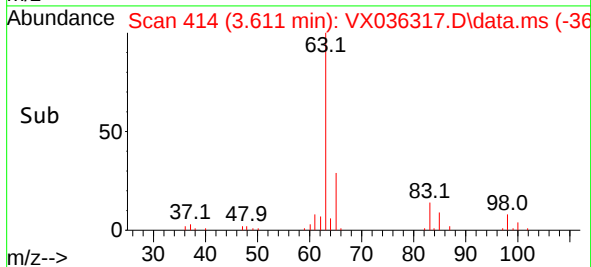
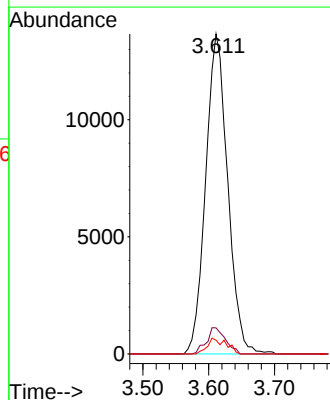
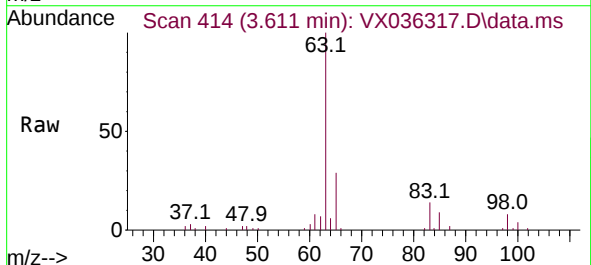
Instrument :
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GWOW-BR-05-390-410-062323

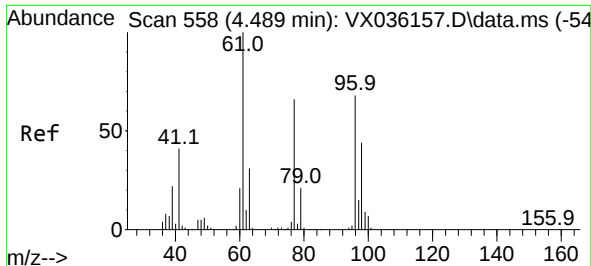
Tgt Ion: 96 Resp: 19895
Ion Ratio Lower Upper
96 100
61 149.1 119.2 178.8
98 62.9 48.7 73.1



#24
1,1-Dichloroethane
Concen: 7.555 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036317.D
Acq: 24 Jun 2023 17:24

Tgt Ion: 63 Resp: 31859
Ion Ratio Lower Upper
63 100
98 8.2 3.3 9.8
100 4.3 2.1 6.5

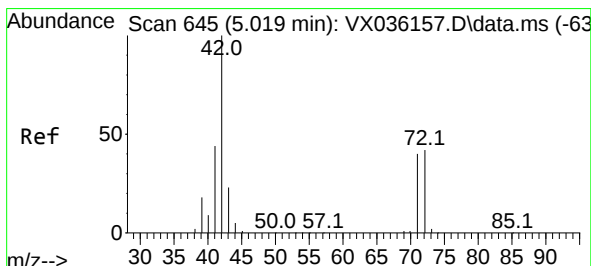
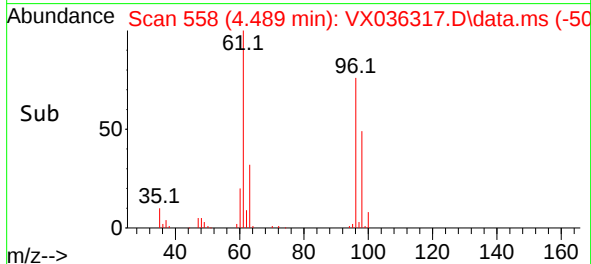
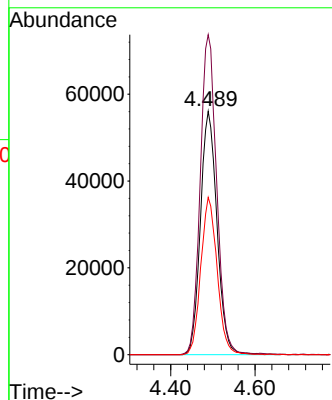
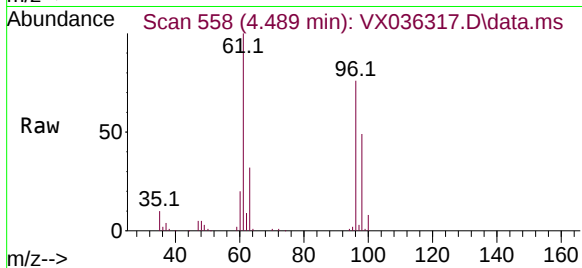




#27
 cis-1,2-Dichloroethene
 Concen: 58.376 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX036317.D
 Acq: 24 Jun 2023 17:24

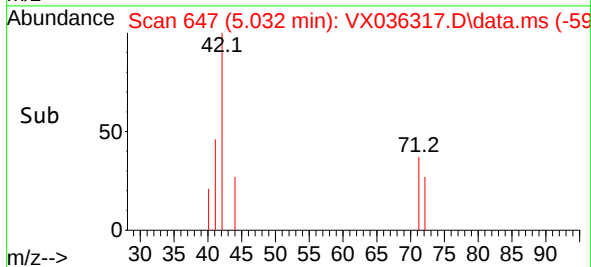
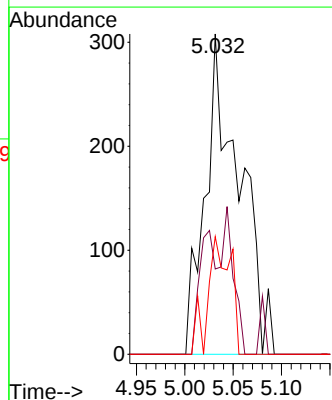
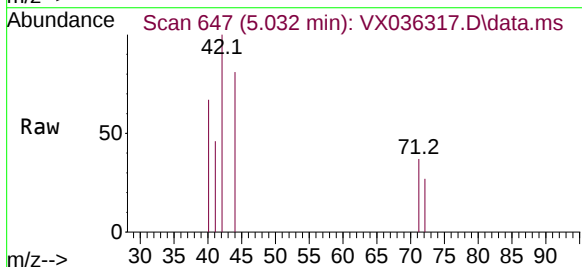
Instrument :
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 ClientSampleId :
 GWOW-BR-05-390-410-062323

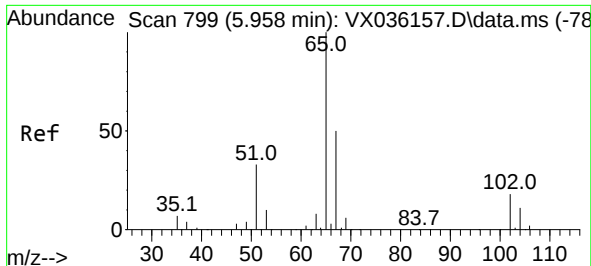
Tgt Ion: 96 Resp: 153513
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 312.2
 98 63.7 0.0 129.0



#29
 Tetrahydrofuran
 Concen: 0.698 ug/l
 RT: 5.032 min Scan# 647
 Delta R.T. 0.013 min
 Lab File: VX036317.D
 Acq: 24 Jun 2023 17:24

Tgt Ion: 42 Resp: 756
 Ion Ratio Lower Upper
 42 100
 72 18.3 34.2 51.4#
 71 24.3 32.2 48.2#

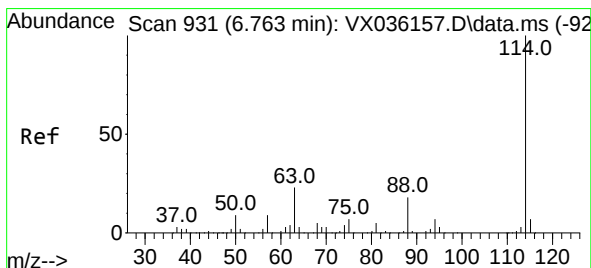
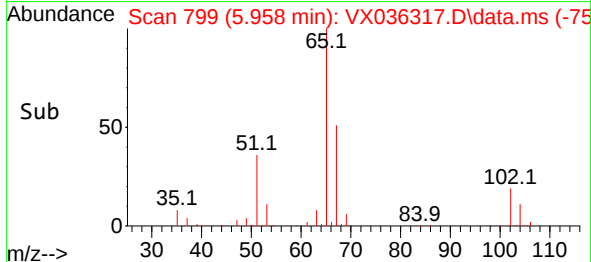
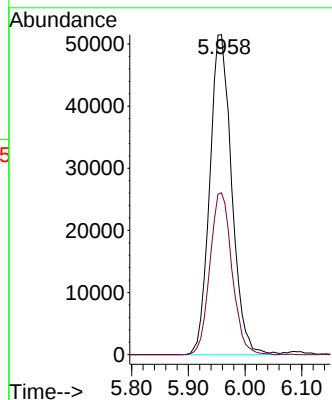
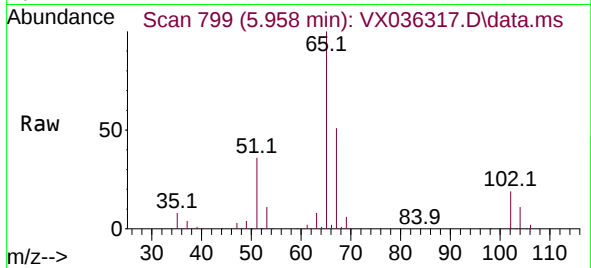




#33
 1,2-Dichloroethane-d4
 Concen: 50.039 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036317.D
 Acq: 24 Jun 2023 17:24

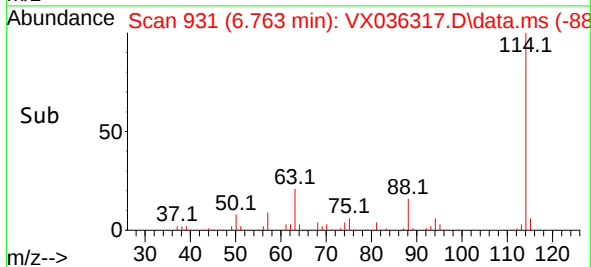
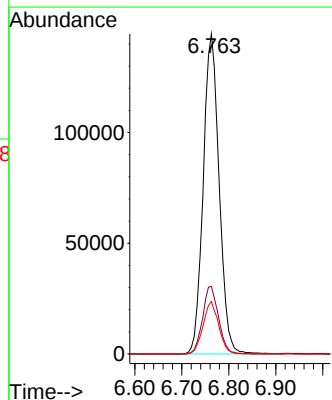
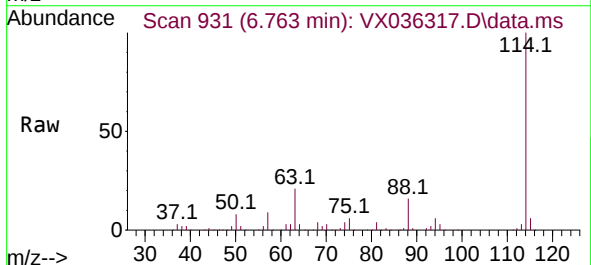
Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-05-390-410-062323

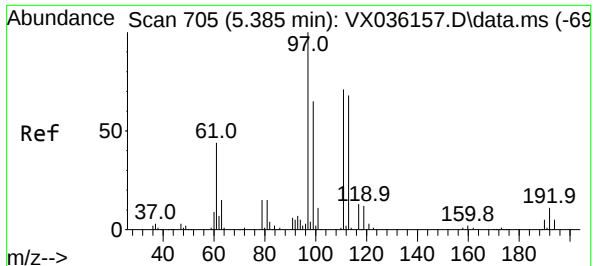
Tgt Ion: 65 Resp: 138686
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036317.D
 Acq: 24 Jun 2023 17:24

Tgt Ion: 114 Resp: 340414
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.300 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036317.D

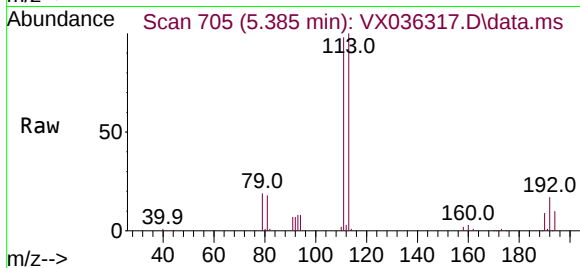
Acq: 24 Jun 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-05-390-410-062323



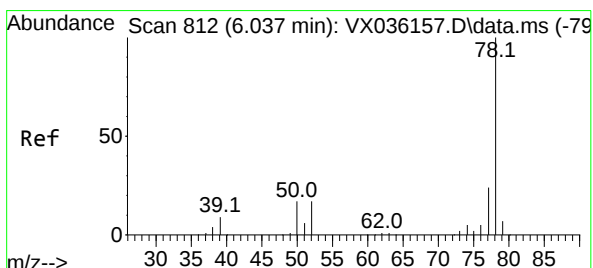
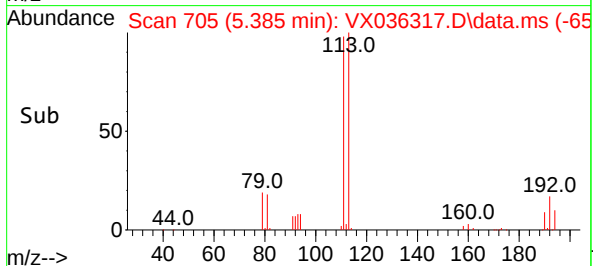
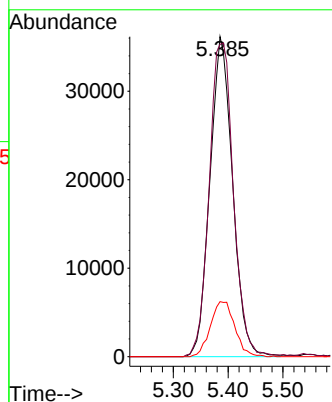
Tgt Ion:113 Resp: 103924

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

192 18.5 13.3 19.9



#40

Benzene

Concen: 0.436 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX036317.D

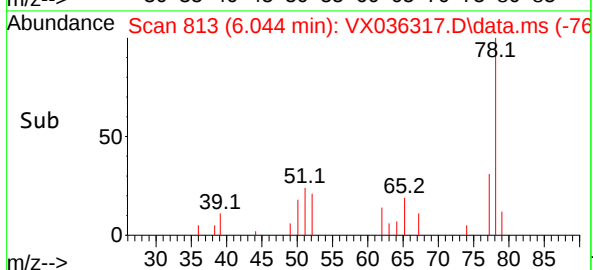
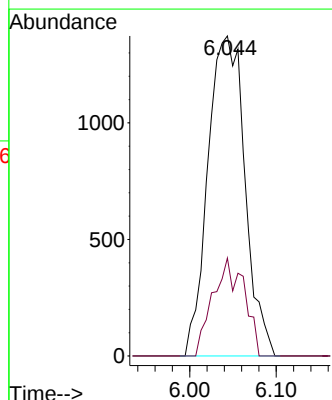
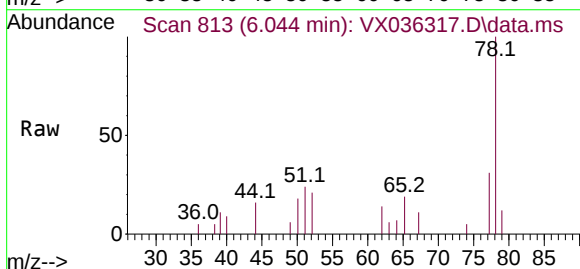
Acq: 24 Jun 2023 17:24

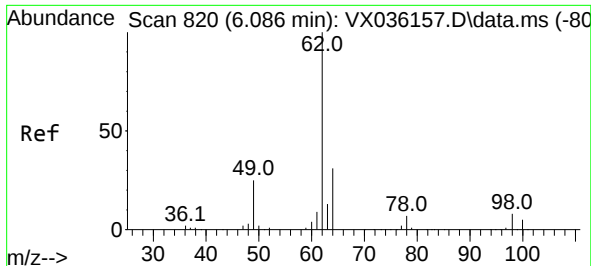
Tgt Ion: 78 Resp: 4071

Ion Ratio Lower Upper

78 100

77 30.6 19.3 28.9#





#42

1,2-Dichloroethane

Concen: 5.663 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036317.D

Acq: 24 Jun 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

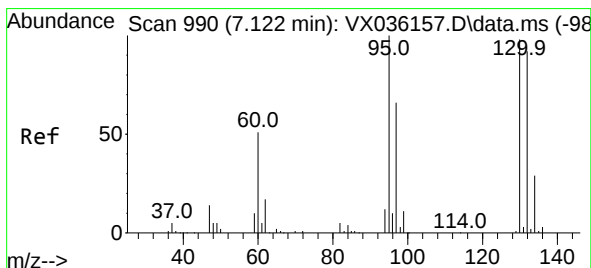
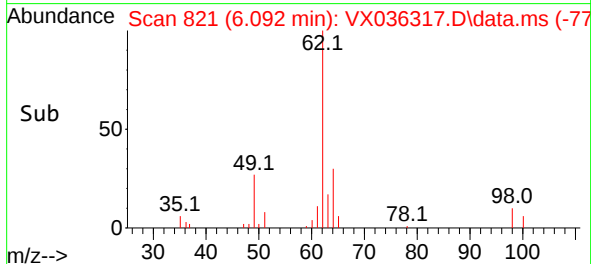
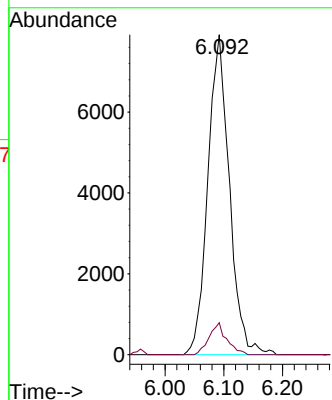
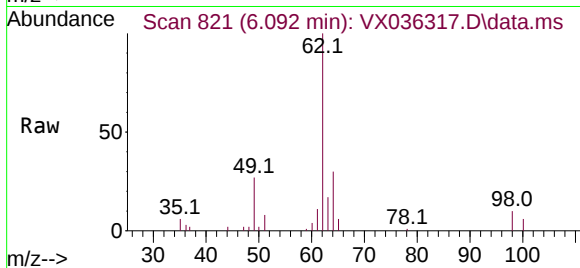
GWOW-BR-05-390-410-062323

Tgt Ion: 62 Resp: 20131

Ion Ratio Lower Upper

62 100

98 8.2 0.0 16.0



#44

Trichloroethene

Concen: 61.032 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX036317.D

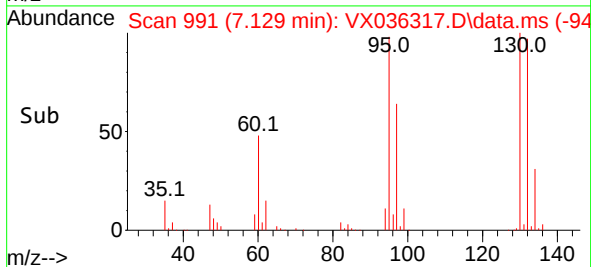
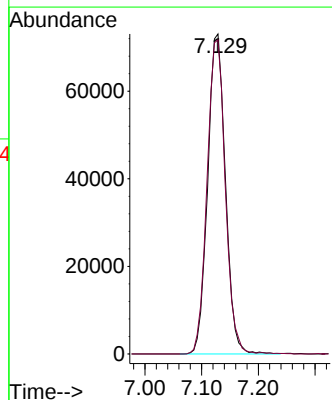
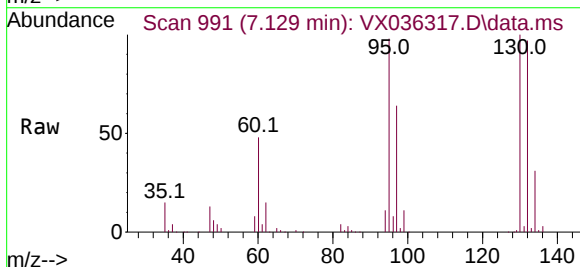
Acq: 24 Jun 2023 17:24

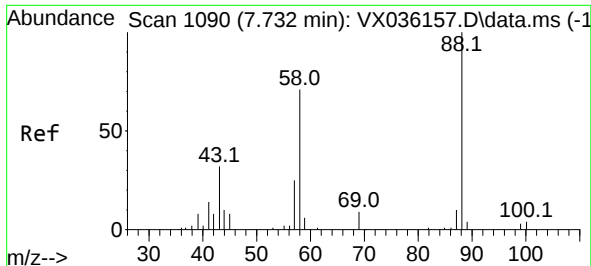
Tgt Ion:130 Resp: 158665

Ion Ratio Lower Upper

130 100

95 98.2 0.0 204.4





#49

1,4-Dioxane

Concen: 91.017 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VX036317.D

Acq: 24 Jun 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-05-390-410-062323

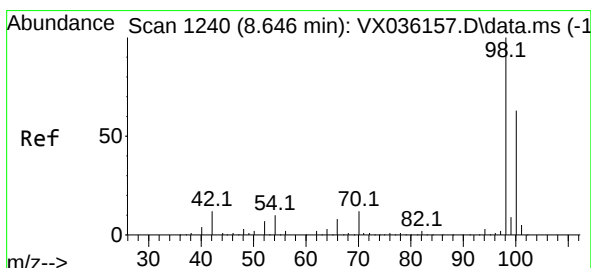
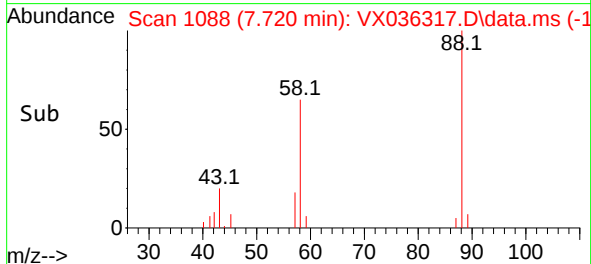
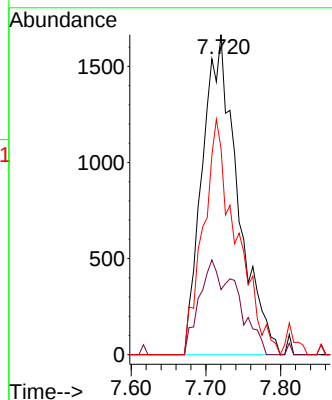
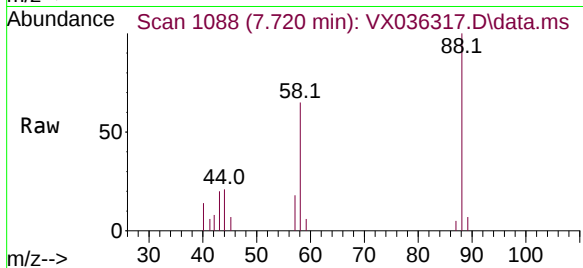
Tgt Ion: 88 Resp: 5473

Ion Ratio Lower Upper

88 100

43 17.4 0.0 0.0#

58 69.2 60.1 90.1



#50

Toluene-d8

Concen: 47.607 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036317.D

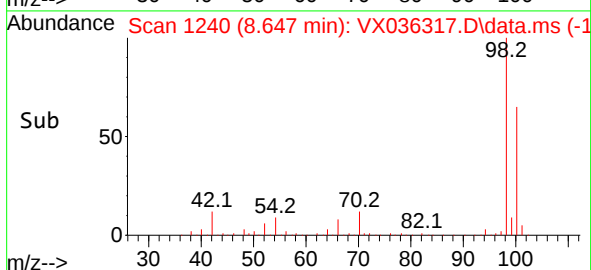
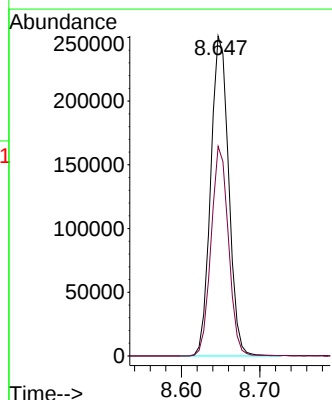
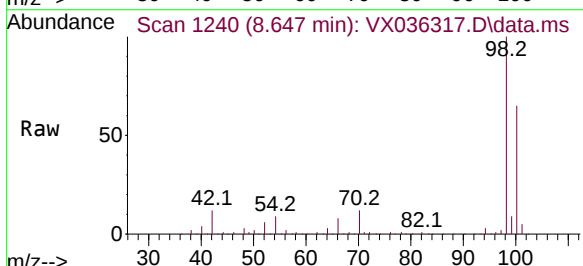
Acq: 24 Jun 2023 17:24

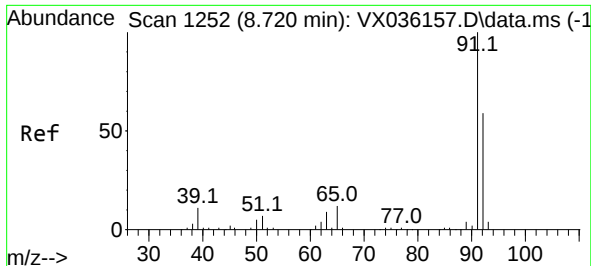
Tgt Ion: 98 Resp: 399119

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

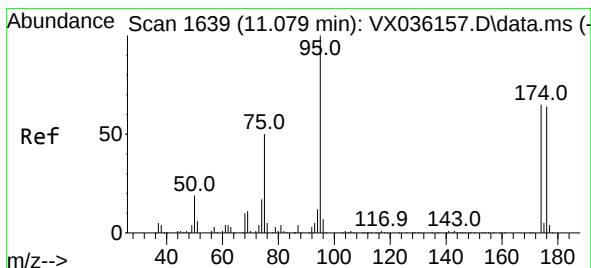
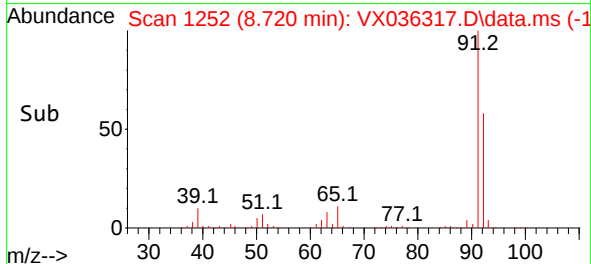
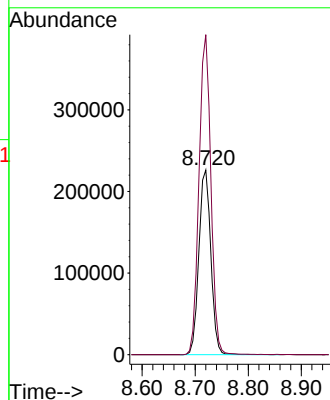
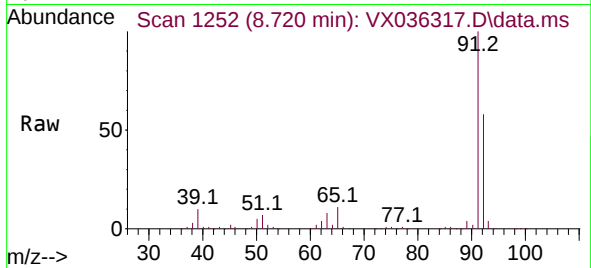




#52
Toluene
Concen: 59.687 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036317.D
Acq: 24 Jun 2023 17:24

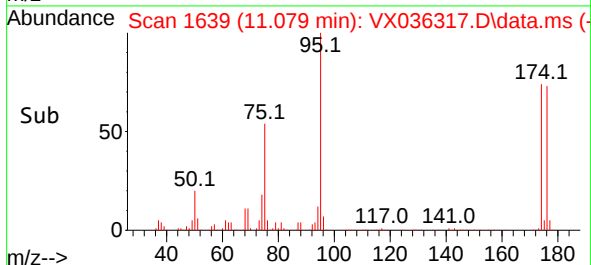
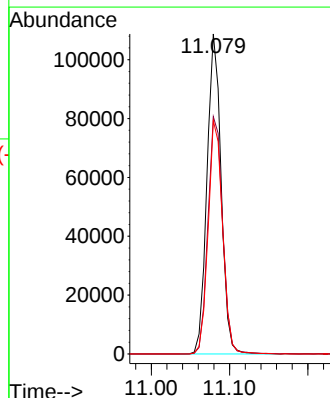
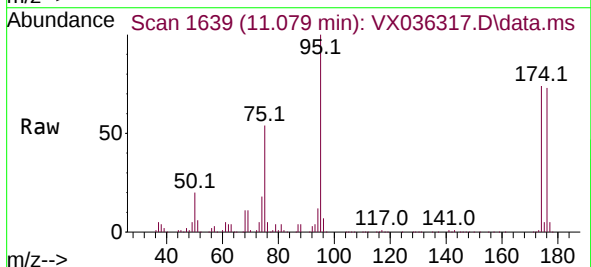
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-05-390-410-062323

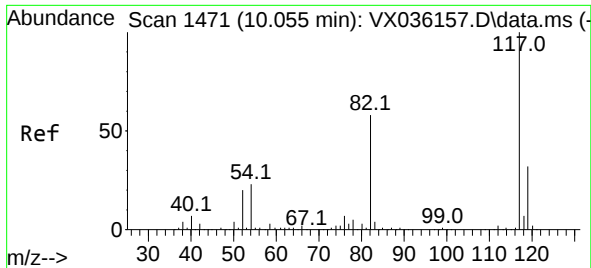
Tgt Ion: 92 Resp: 353543
Ion Ratio Lower Upper
92 100
91 172.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036317.D
Acq: 24 Jun 2023 17:24

Tgt Ion: 95 Resp: 135716
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 74.4 0.0 131.0

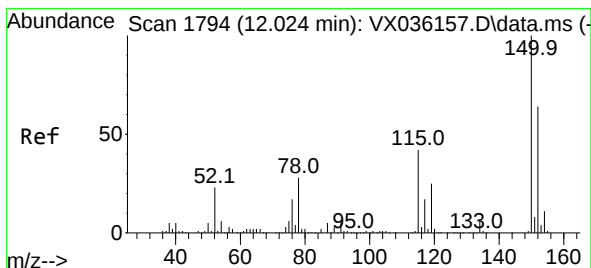
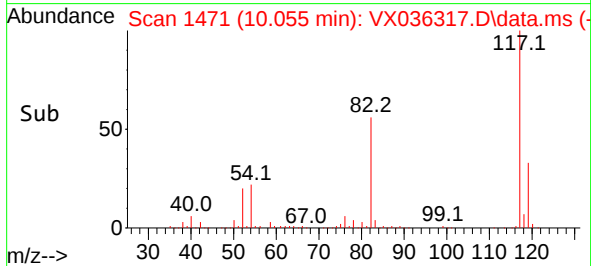
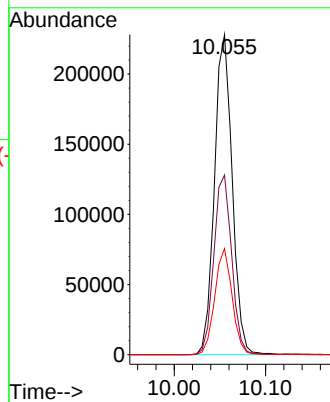
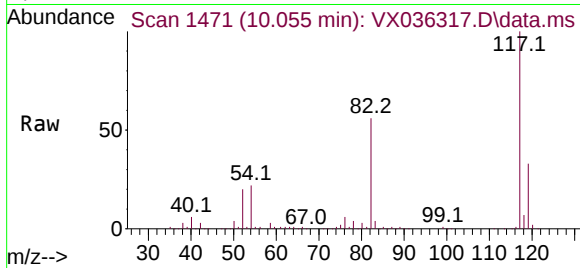




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036317.D
Acq: 24 Jun 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-05-390-410-062323

Tgt Ion:117 Resp: 307611
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 33.1 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: VX036317.D
Acq: 24 Jun 2023 17:24

Tgt Ion:152 Resp: 135825
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 158.6 0.0 345.0

