

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036387.D
 Acq On : 30 Jun 2023 12:15
 Operator : JC/MD
 Sample : 03491-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-05-167-187-062923

Quant Time: Jul 01 01:19:35 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)

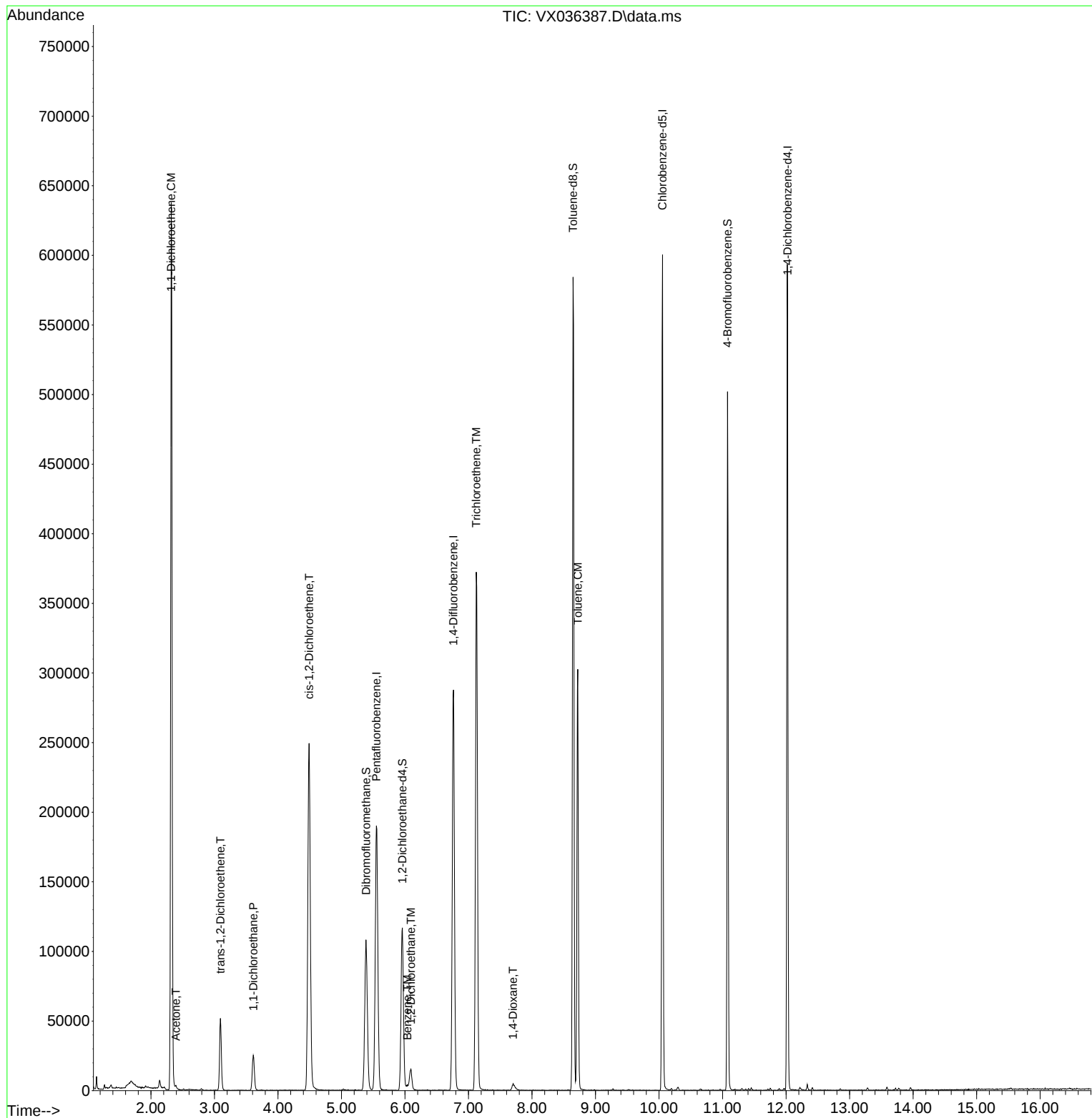
Internal Standards						
1) Pentafluorobenzene	5.550	168	177889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111099	43.570	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.140%		
35) Dibromofluoromethane	5.385	113	92579	46.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	8.647	98	352185	47.466	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.940%		
62) 4-Bromofluorobenzene	11.079	95	125502	48.021	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	201620	99.730	ug/l	92
16) Acetone	2.392	43	3133	2.875	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	20329	9.423	ug/l	94
24) 1,1-Dichloroethane	3.611	63	27920	7.196	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	152693	63.112	ug/l	84
40) Benzene	6.037	78	3230	0.390	ug/l	95
42) 1,2-Dichloroethane	6.092	62	16807	5.342	ug/l	99
44) Trichloroethene	7.123	130	143276	62.271	ug/l	100
49) 1,4-Dioxane	7.702	88	5468	102.746	ug/l #	89
52) Toluene	8.720	92	114127	21.770	ug/l	95

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

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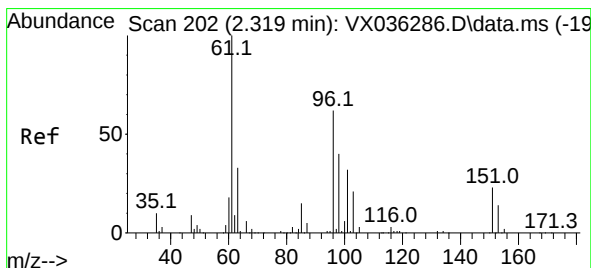
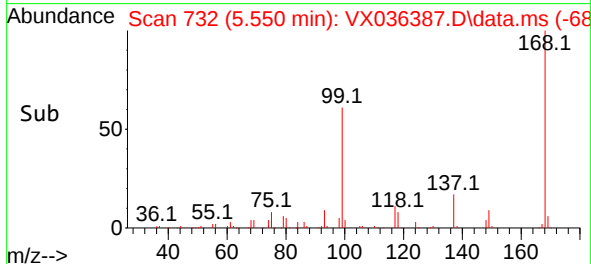
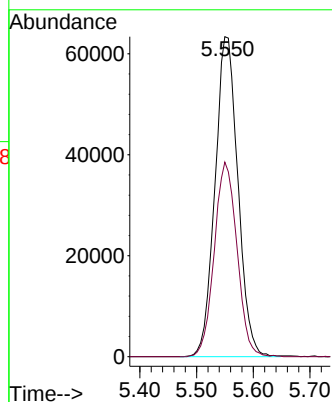
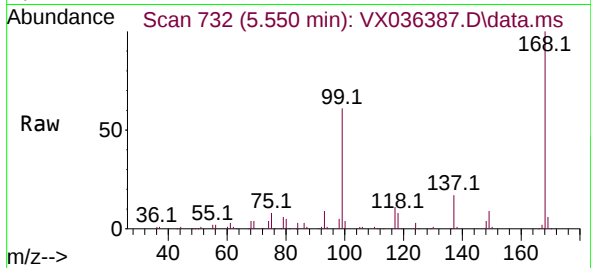




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036387.D
Acq: 30 Jun 2023 12:15

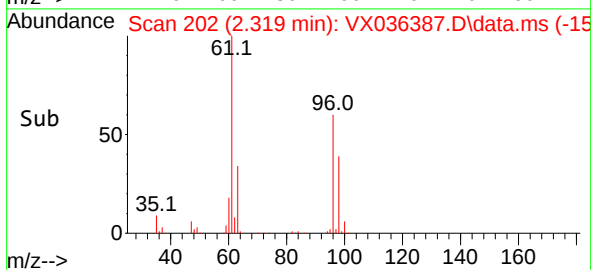
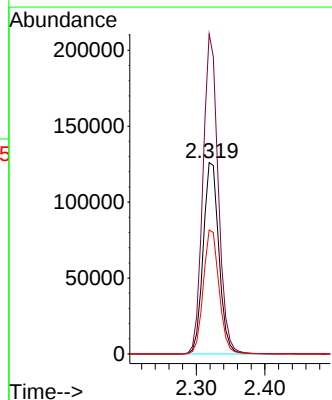
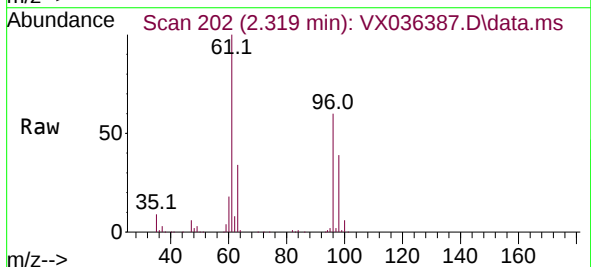
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-05-167-187-062923

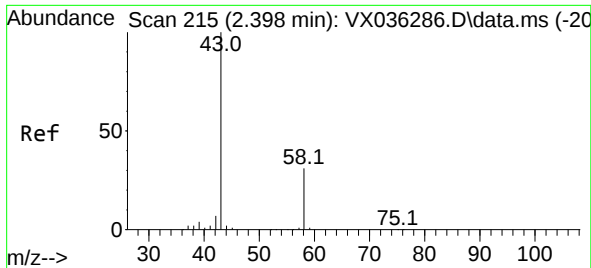
Tgt Ion:168 Resp: 177889
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 99.730 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036387.D
Acq: 30 Jun 2023 12:15

Tgt Ion: 96 Resp: 201620
Ion Ratio Lower Upper
96 100
61 167.2 144.6 216.8
98 64.8 50.4 75.6





#16

Acetone

Concen: 2.875 ug/l

RT: 2.392 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX036387.D

Acq: 30 Jun 2023 12:15

Instrument :

MSVOA_X

ClientSampleId :

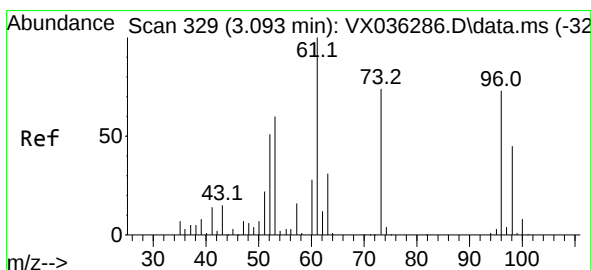
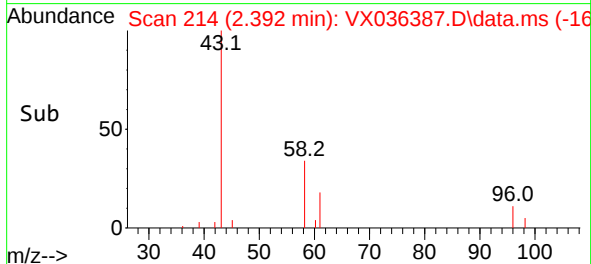
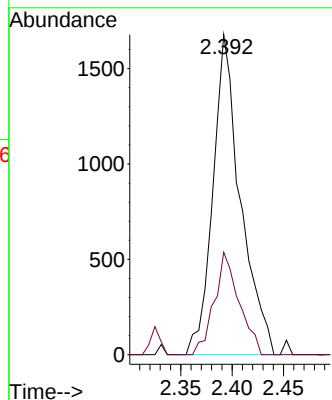
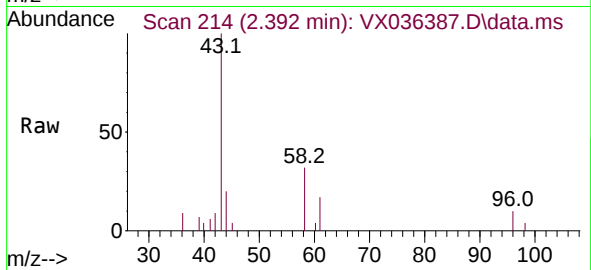
GWOW-BR-05-167-187-062923

Tgt Ion: 43 Resp: 3133

Ion Ratio Lower Upper

43 100

58 32.0 21.9 32.9



#21

trans-1,2-Dichloroethene

Concen: 9.423 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX036387.D

Acq: 30 Jun 2023 12:15

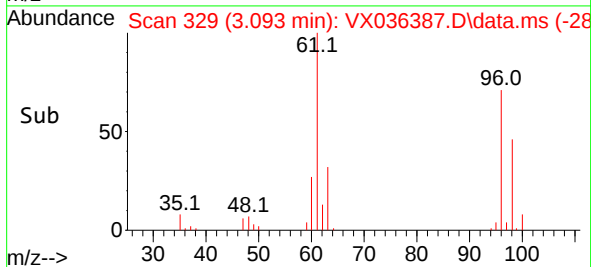
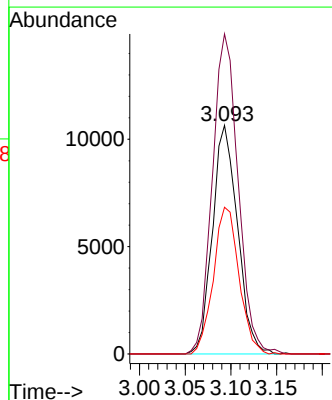
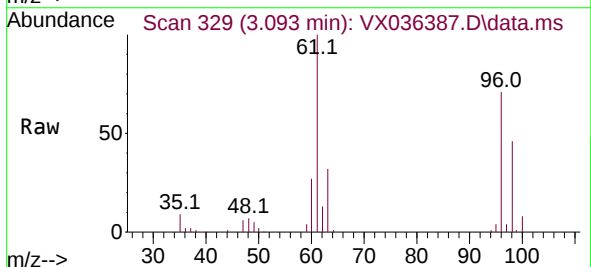
Tgt Ion: 96 Resp: 20329

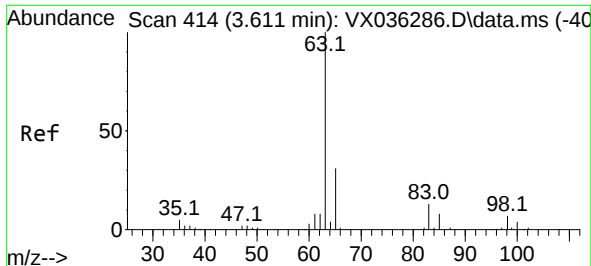
Ion Ratio Lower Upper

96 100

61 140.0 119.2 178.8

98 64.2 48.7 73.1

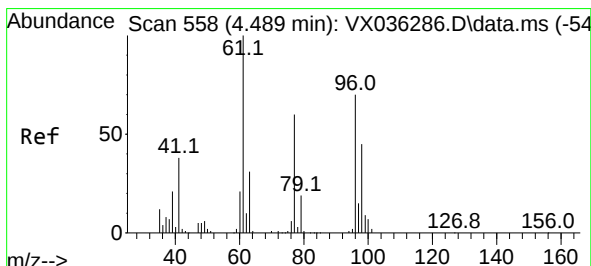
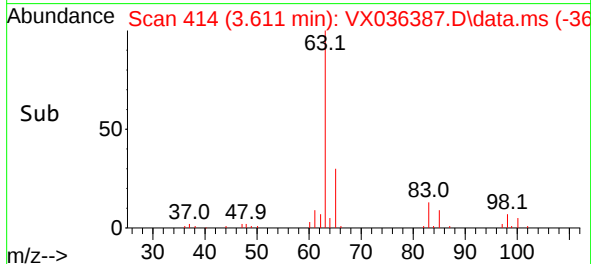
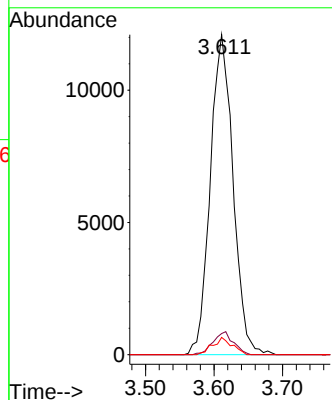
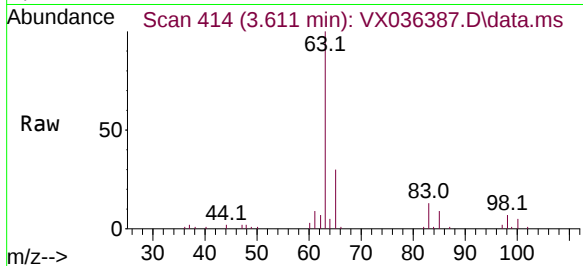




#24
 1,1-Dichloroethane
 Concen: 7.196 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036387.D
 Acq: 30 Jun 2023 12:15

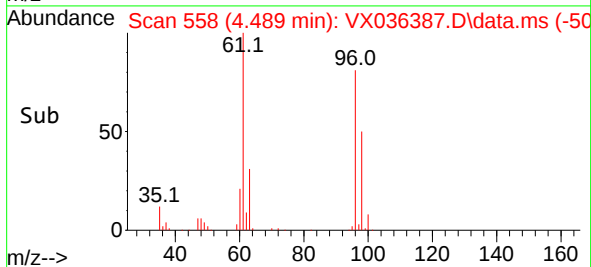
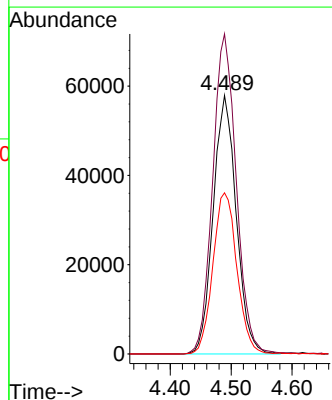
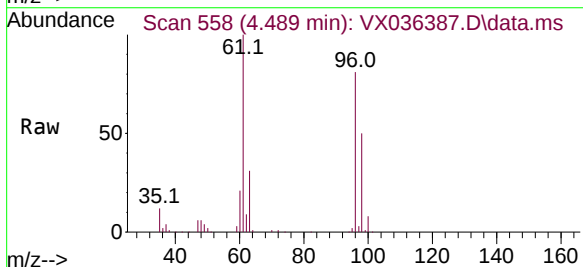
Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-05-167-187-062923

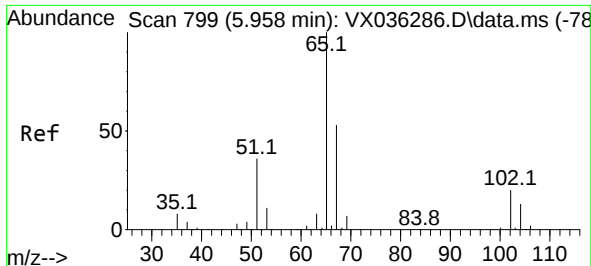
Tgt Ion: 63 Resp: 27920
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 5.4 2.1 6.5



#27
 cis-1,2-Dichloroethene
 Concen: 63.112 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX036387.D
 Acq: 30 Jun 2023 12:15

Tgt Ion: 96 Resp: 152693
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 312.2
 98 64.7 0.0 129.0

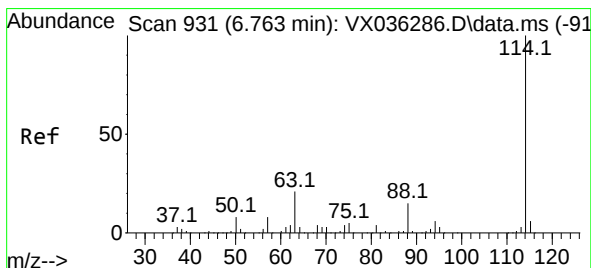
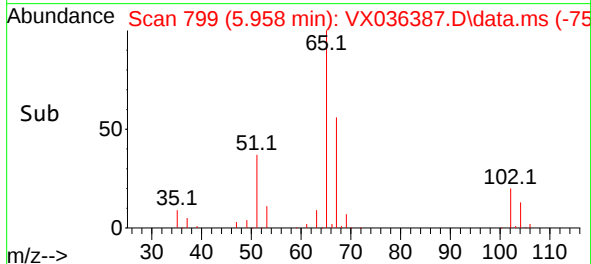
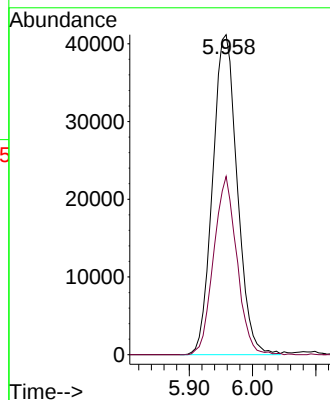
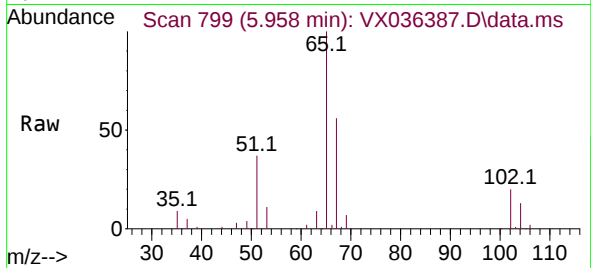




#33
 1,2-Dichloroethane-d4
 Concen: 43.570 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036387.D
 Acq: 30 Jun 2023 12:15

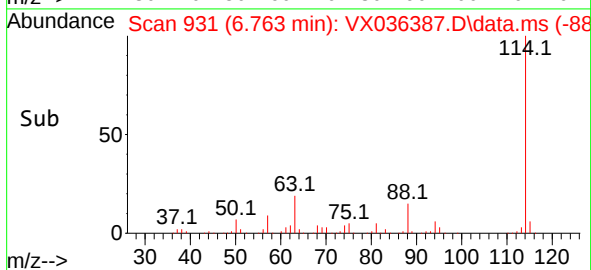
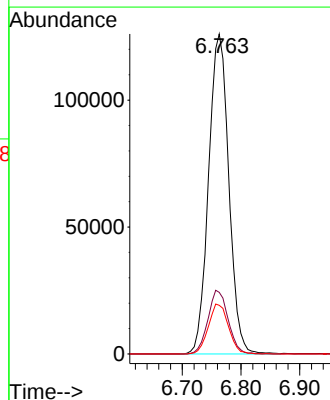
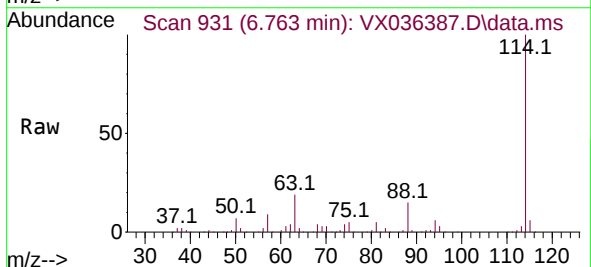
Instrument :
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 ClientSampleId :
 GWOW-BR-05-167-187-062923

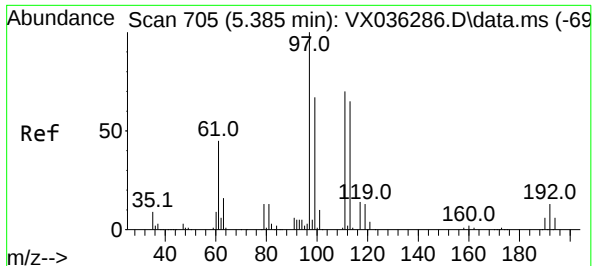
Tgt Ion: 65 Resp: 111099
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036387.D
 Acq: 30 Jun 2023 12:15

Tgt Ion: 114 Resp: 301281
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.0
 88 15.2 0.0 36.6

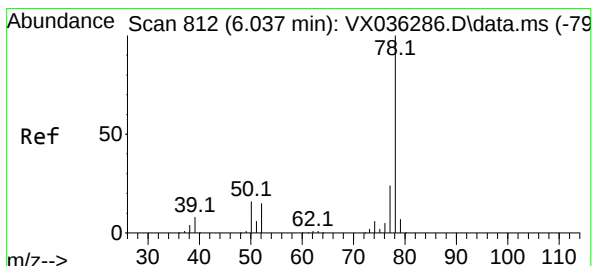
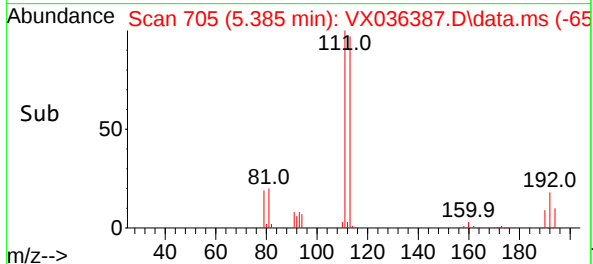
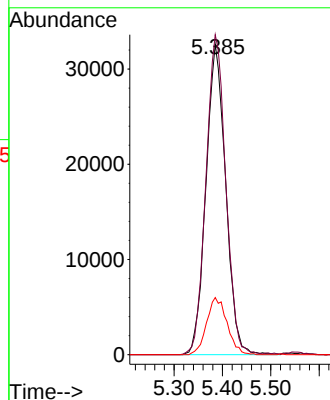
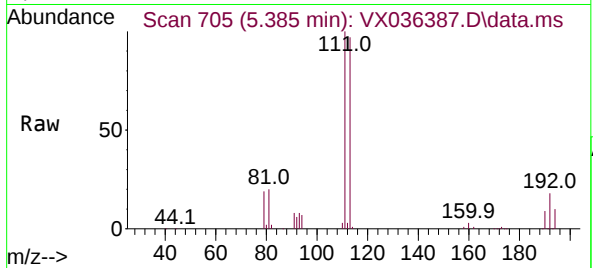




#35
Dibromofluoromethane
Concen: 46.603 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036387.D
Acq: 30 Jun 2023 12:15

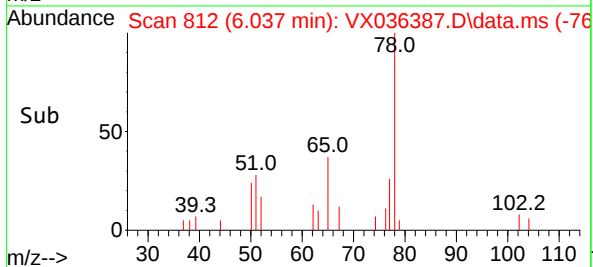
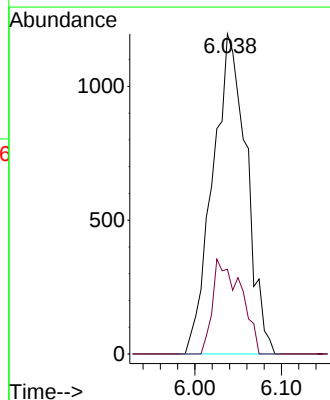
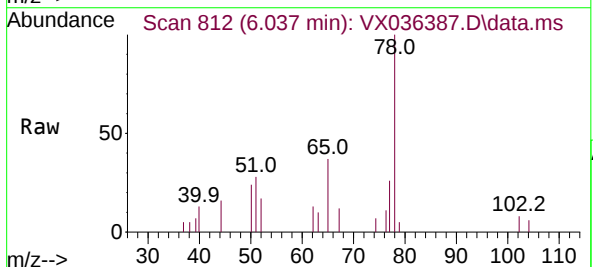
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MSVOA_X
ClientSampleId :
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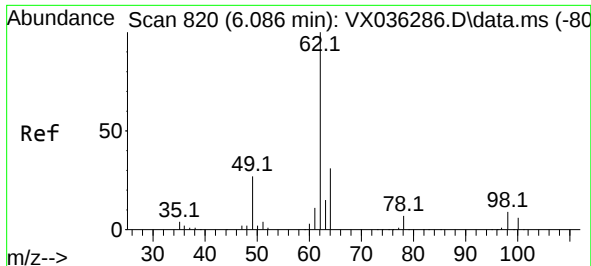
Tgt Ion:113 Resp: 92579
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.1 13.3 19.9



#40
Benzene
Concen: 0.390 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036387.D
Acq: 30 Jun 2023 12:15

Tgt Ion: 78 Resp: 3230
Ion Ratio Lower Upper
78 100
77 26.4 19.3 28.9





#42

1,2-Dichloroethane

Concen: 5.342 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036387.D

Acq: 30 Jun 2023 12:15

Instrument :

MSVOA_X

ClientSampleId :

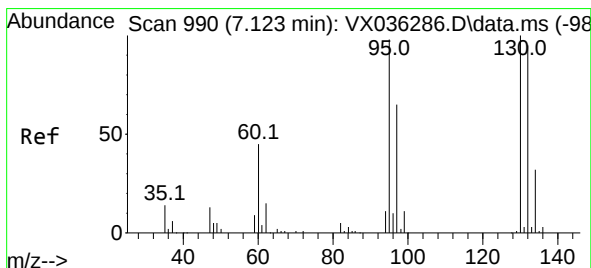
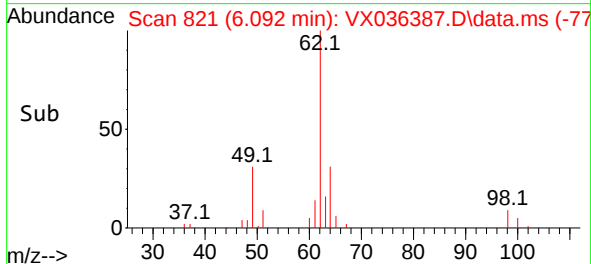
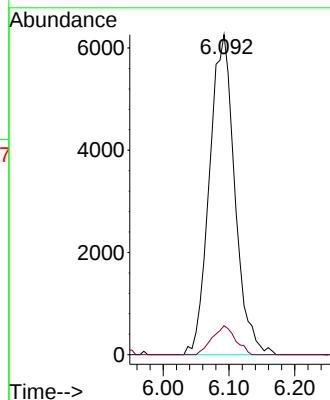
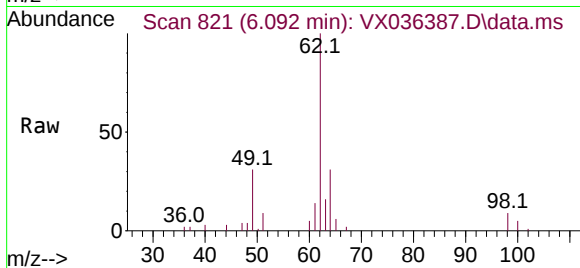
GWOW-BR-05-167-187-062923

Tgt Ion: 62 Resp: 16807

Ion Ratio Lower Upper

62 100

98 8.3 0.0 16.0



#44

Trichloroethene

Concen: 62.271 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036387.D

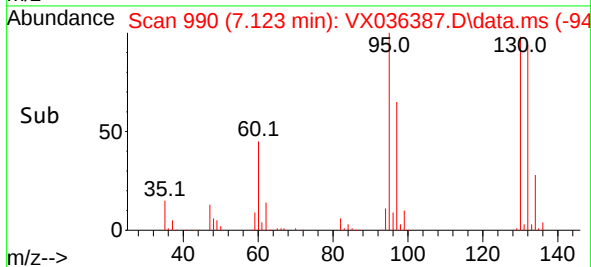
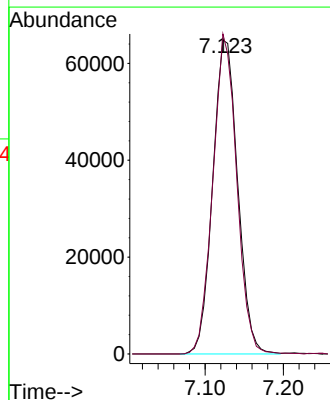
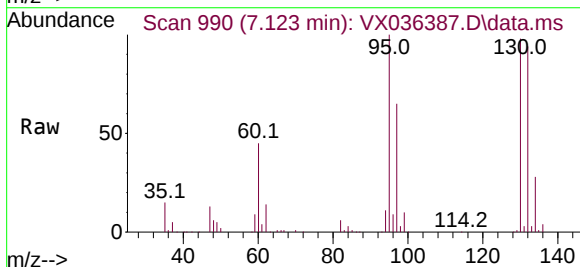
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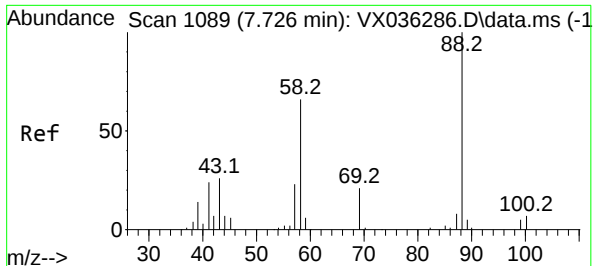
Tgt Ion:130 Resp: 143276

Ion Ratio Lower Upper

130 100

95 102.0 0.0 204.4





#49

1,4-Dioxane

Concen: 102.746 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.030 min

Lab File: VX036387.D

Acq: 30 Jun 2023 12:15

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-05-167-187-062923

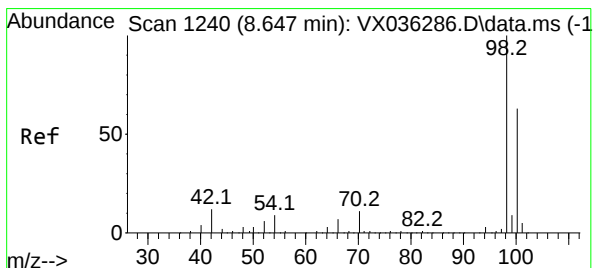
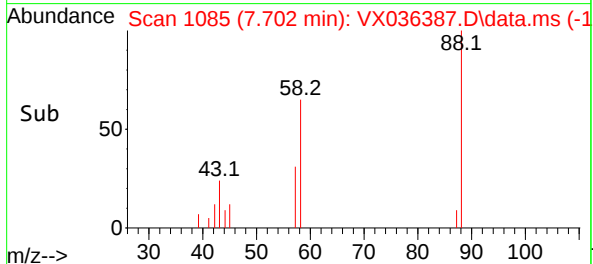
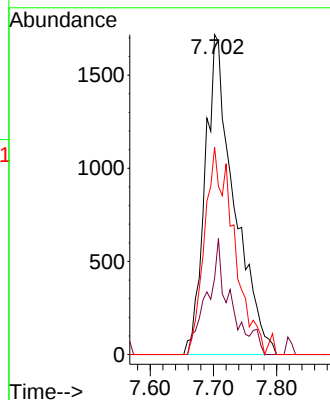
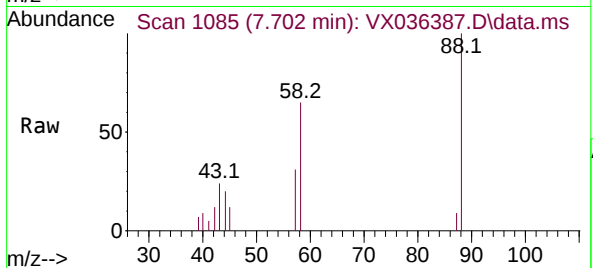
Tgt Ion: 88 Resp: 5468

Ion Ratio Lower Upper

88 100

43 27.4 0.0 0.0#

58 65.6 60.1 90.1



#50

Toluene-d8

Concen: 47.466 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036387.D

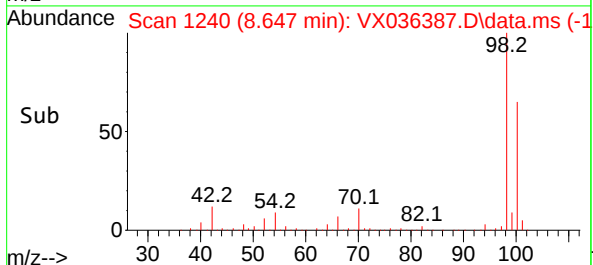
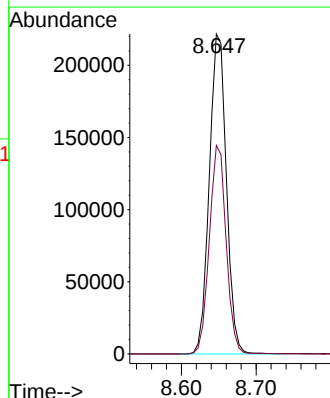
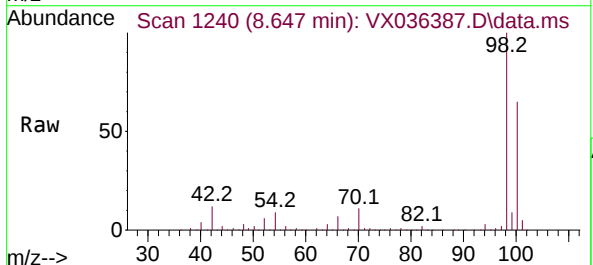
Acq: 30 Jun 2023 12:15

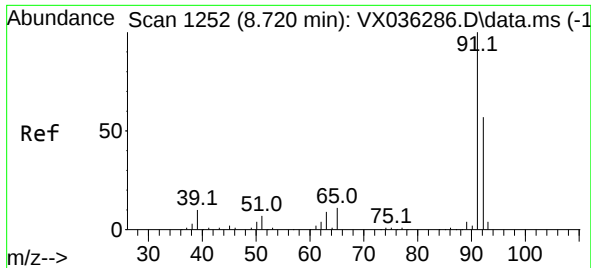
Tgt Ion: 98 Resp: 352185

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

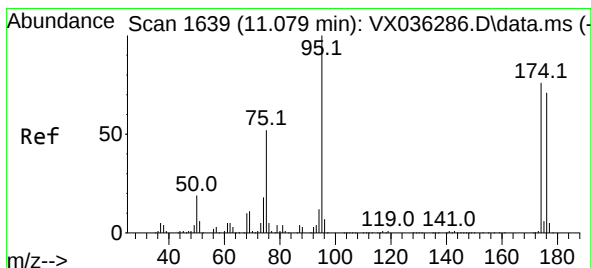
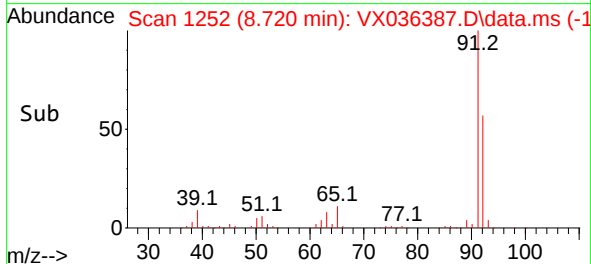
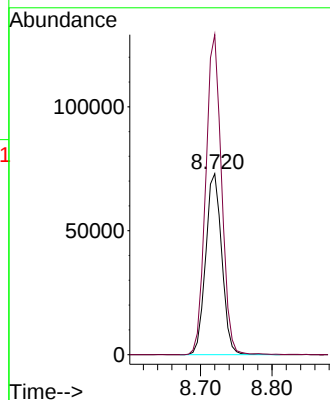
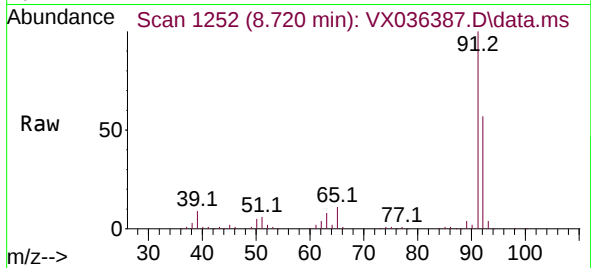




#52
Toluene
Concen: 21.770 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036387.D
Acq: 30 Jun 2023 12:15

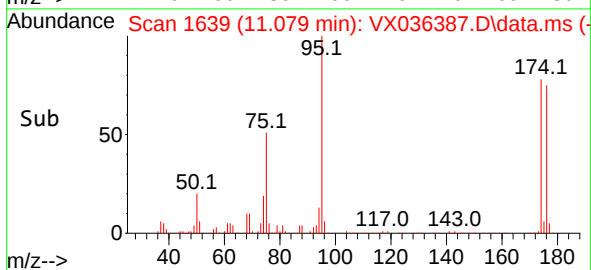
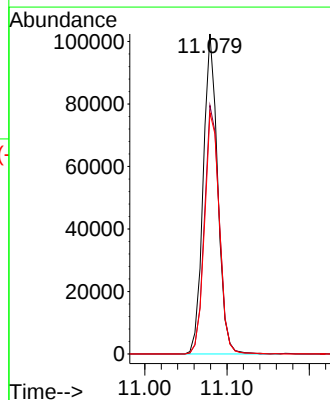
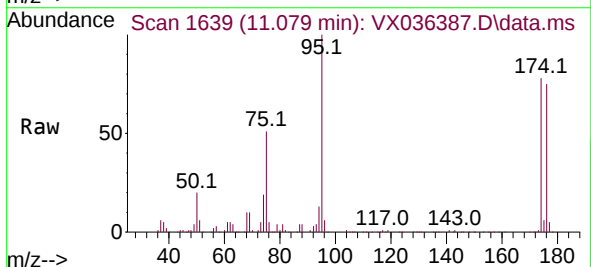
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-05-167-187-062923

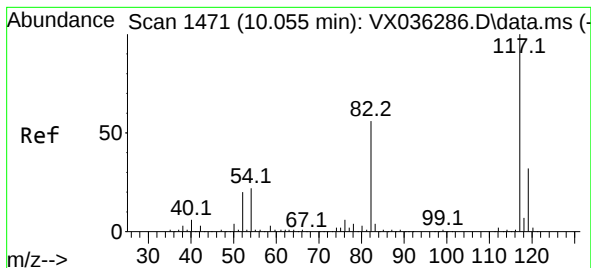
Tgt Ion: 92 Resp: 114127
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036387.D
Acq: 30 Jun 2023 12:15

Tgt Ion: 95 Resp: 125502
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 77.4 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: VX036387.D

Acq: 30 Jun 2023 12:15

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-05-167-187-062923

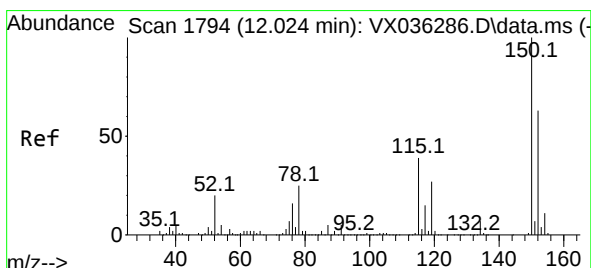
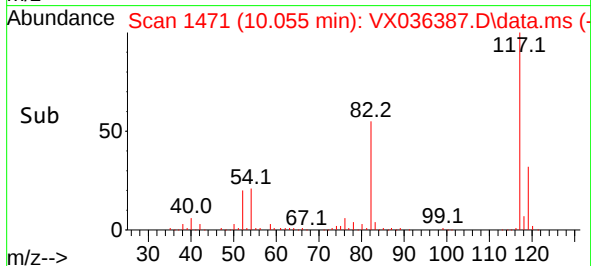
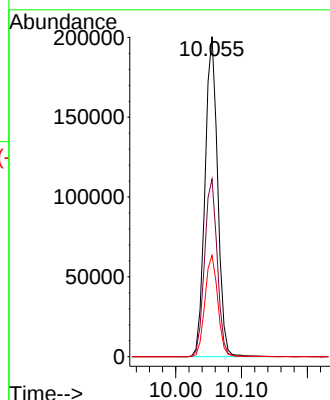
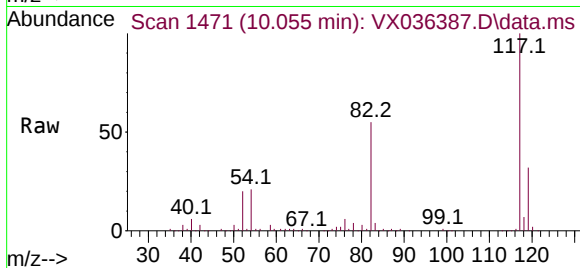
Tgt Ion:117 Resp: 268176

Ion Ratio Lower Upper

117 100

82 55.5 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: VX036387.D

Acq: 30 Jun 2023 12:15

Tgt Ion:152 Resp: 121064

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 157.7 0.0 345.0

