

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062823\
 Data File : VX036362.D
 Acq On : 28 Jun 2023 12:35
 Operator : JC/MD
 Sample : 03445-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-05-462-482-062723

Quant Time: Jun 29 01:28:25 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)

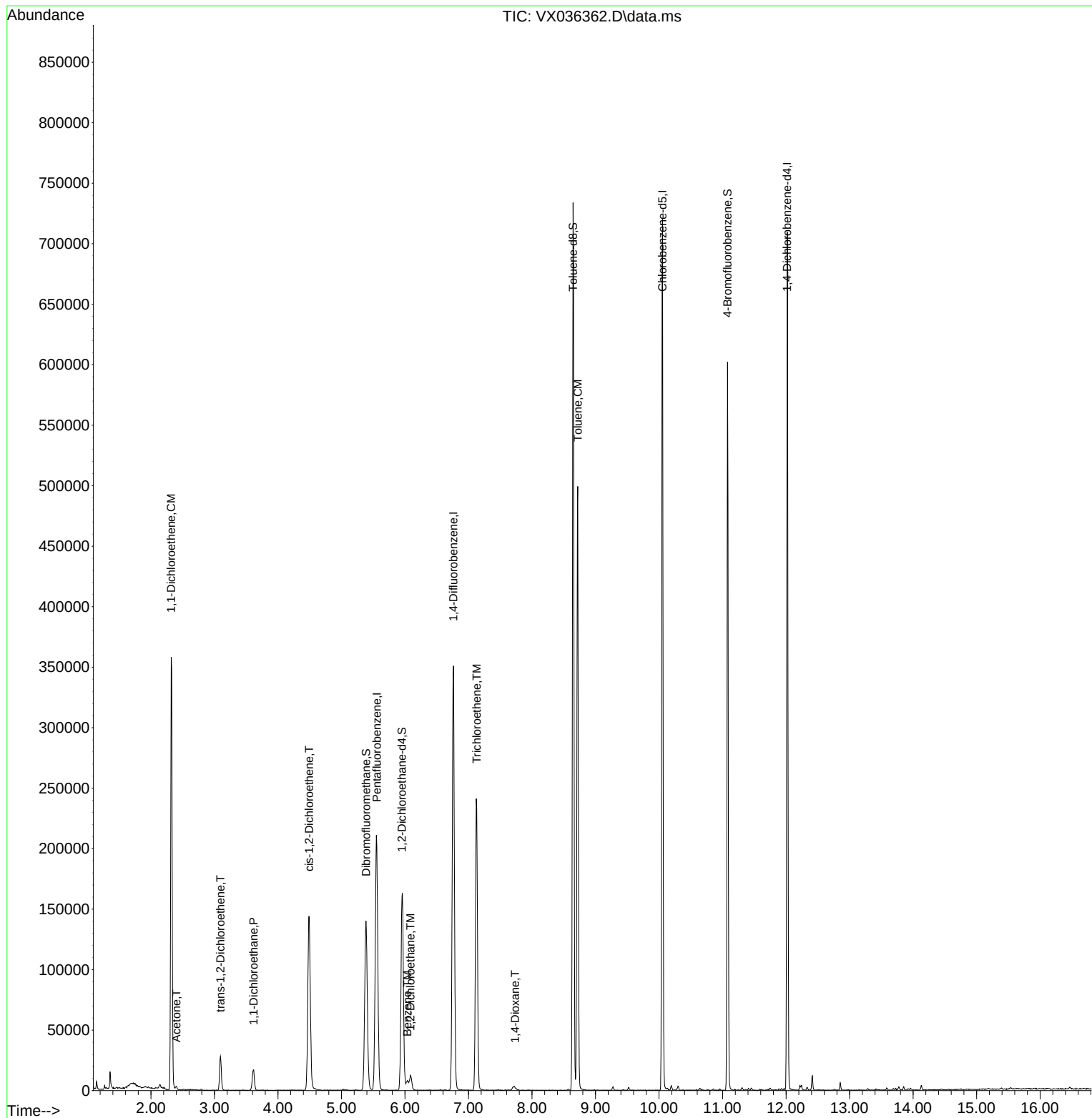
Internal Standards						
1) Pentafluorobenzene	5.556	168	198950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	359608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	144727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158160	55.460	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.920%
35) Dibromofluoromethane	5.385	113	123584	52.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.240%
50) Toluene-d8	8.647	98	440806	49.773	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.540%
62) 4-Bromofluorobenzene	11.079	95	155721	49.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.840%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	115974	51.293	ug/l	93
16) Acetone	2.398	43	3548	2.911	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	11573	4.797	ug/l	92
24) 1,1-Dichloroethane	3.617	63	19447	4.482	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	90046	33.278	ug/l	84
40) Benzene	6.038	78	8859	0.897	ug/l	96
42) 1,2-Dichloroethane	6.086	62	13421	3.574	ug/l	98
44) Trichloroethene	7.129	130	91847	33.444	ug/l	94
49) 1,4-Dioxane	7.732	88	4119	64.844	ug/l #	65
52) Toluene	8.720	92	185101	29.582	ug/l	95

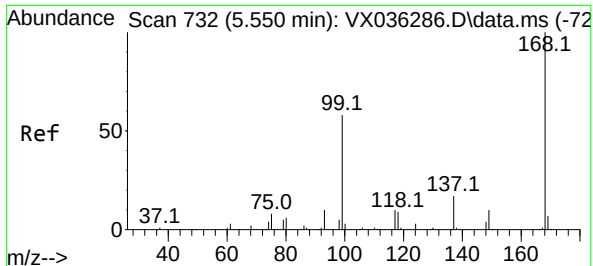
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

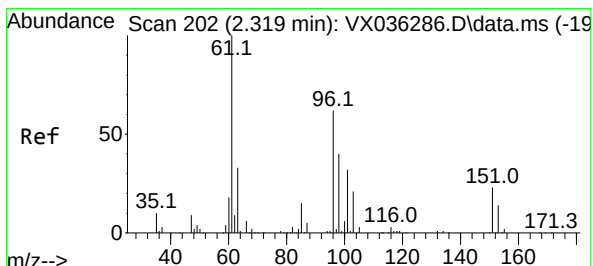
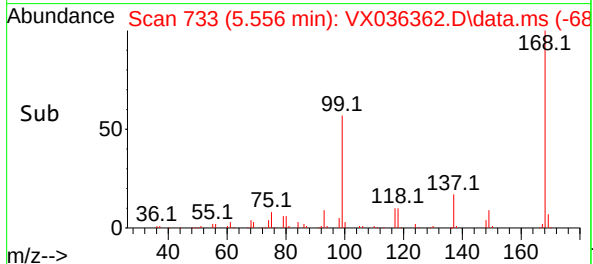
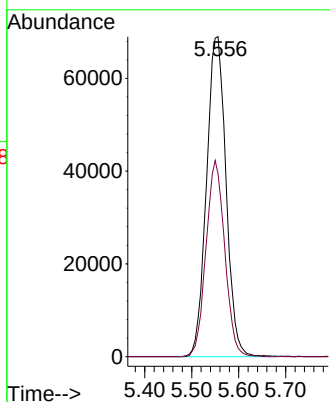
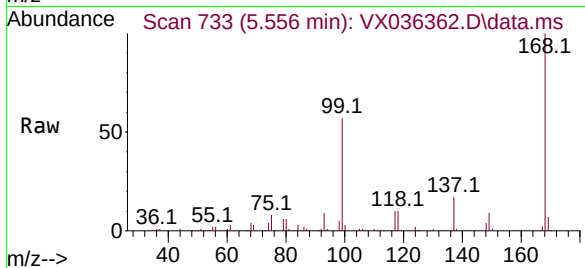




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX036362.D
Acq: 28 Jun 2023 12:35

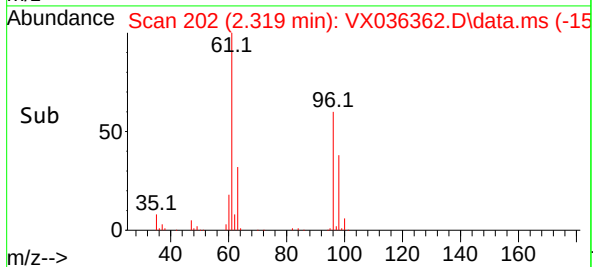
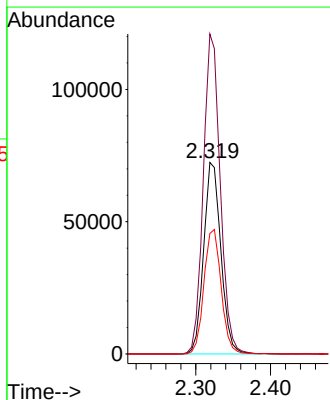
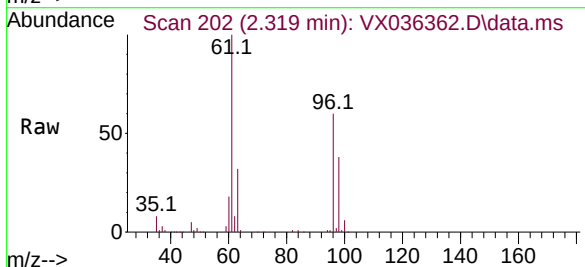
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-05-462-482-062723

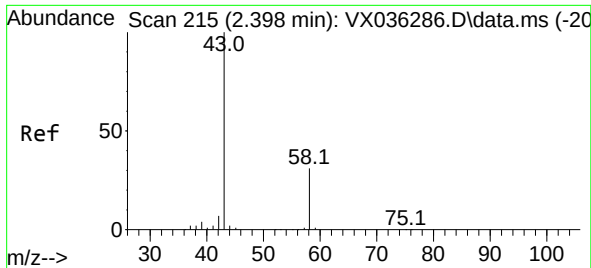
Tgt Ion:168 Resp: 198950
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#12
1,1-Dichloroethene
Concen: 51.293 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036362.D
Acq: 28 Jun 2023 12:35

Tgt Ion: 96 Resp: 115974
Ion Ratio Lower Upper
96 100
61 167.1 144.6 216.8
98 62.9 50.4 75.6





#16

Acetone

Concen: 2.911 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX036362.D

Acq: 28 Jun 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

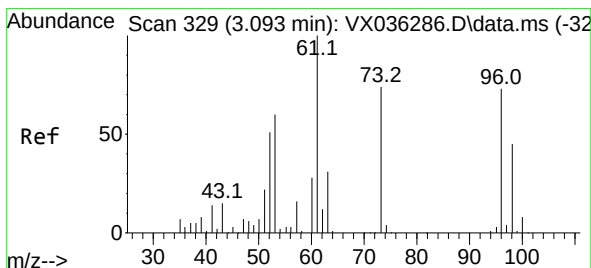
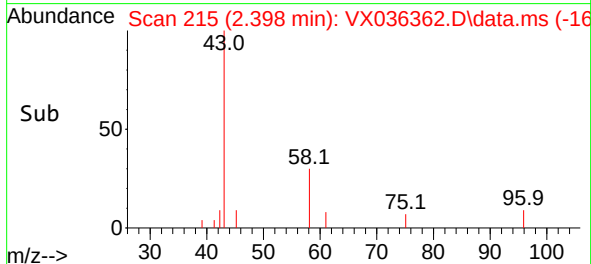
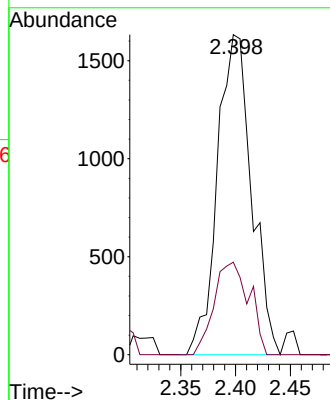
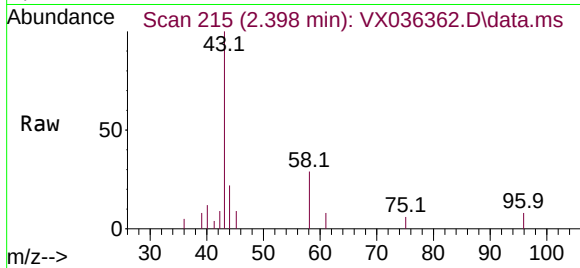
GWOW-BR-05-462-482-062723

Tgt Ion: 43 Resp: 3548

Ion Ratio Lower Upper

43 100

58 28.9 21.9 32.9



#21

trans-1,2-Dichloroethene

Concen: 4.797 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX036362.D

Acq: 28 Jun 2023 12:35

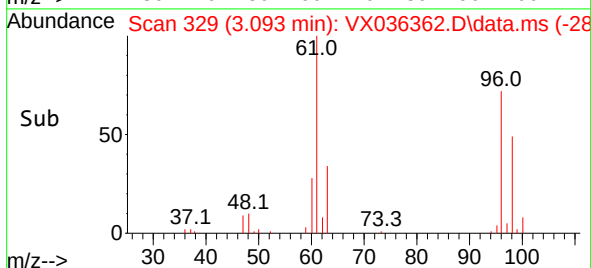
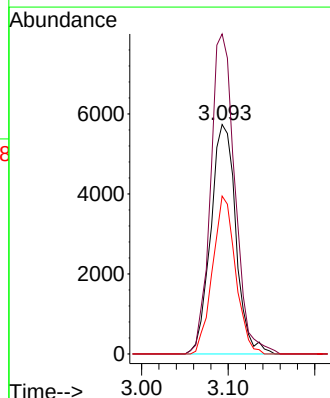
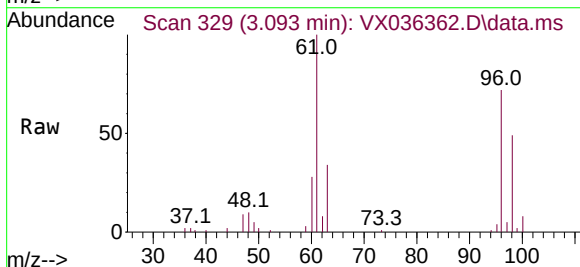
Tgt Ion: 96 Resp: 11573

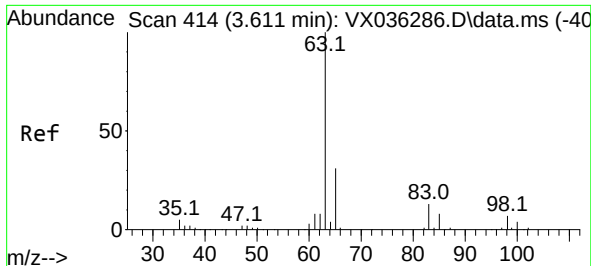
Ion Ratio Lower Upper

96 100

61 139.5 119.2 178.8

98 68.9 48.7 73.1

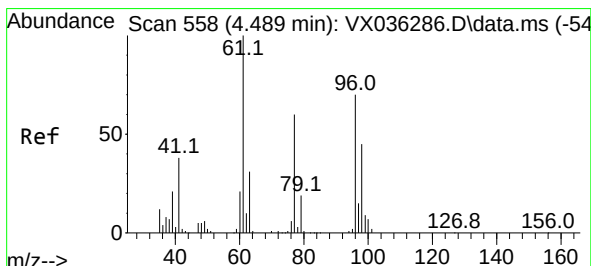
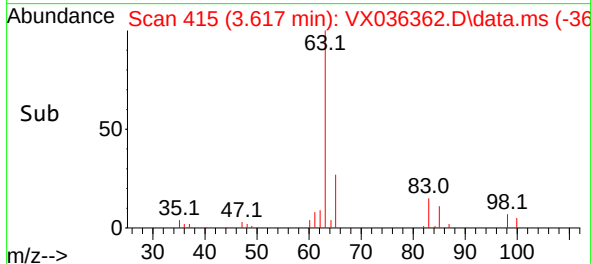
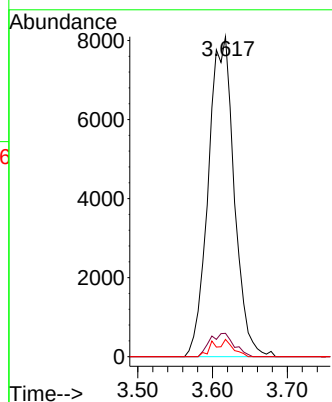
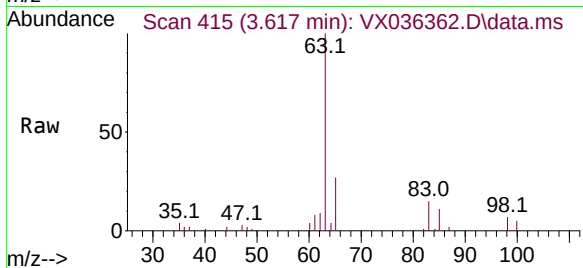




#24
 1,1-Dichloroethane
 Concen: 4.482 ug/l
 RT: 3.617 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX036362.D
 Acq: 28 Jun 2023 12:35

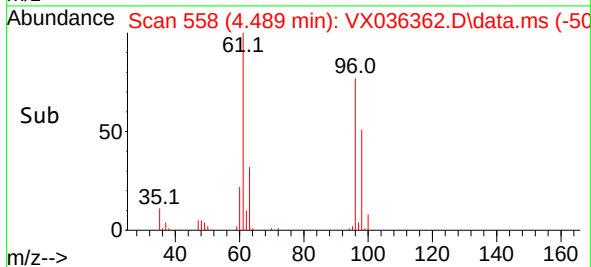
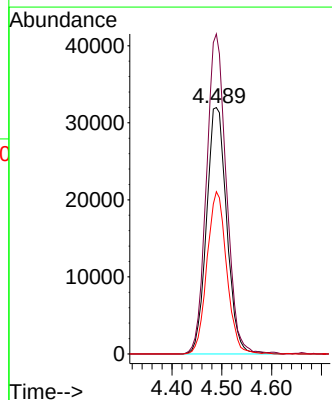
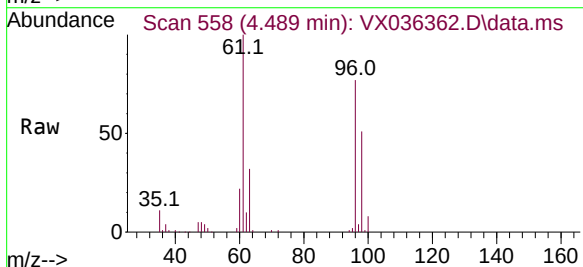
Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-05-462-482-062723

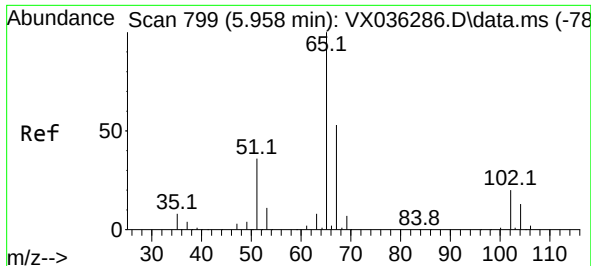
Tgt Ion:	63	Resp:	19447
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.3	9.8
100	5.4	2.1	6.5



#27
 cis-1,2-Dichloroethene
 Concen: 33.278 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX036362.D
 Acq: 28 Jun 2023 12:35

Tgt Ion:	96	Resp:	90046
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	312.2
98	64.0	0.0	129.0





#33

1,2-Dichloroethane-d4

Concen: 55.460 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036362.D

Acq: 28 Jun 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

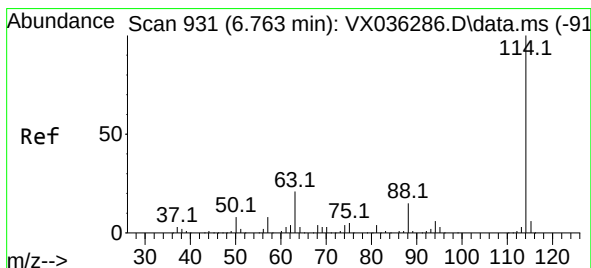
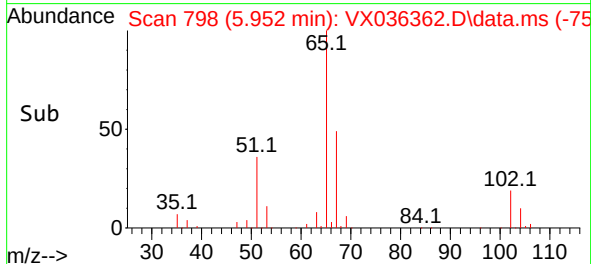
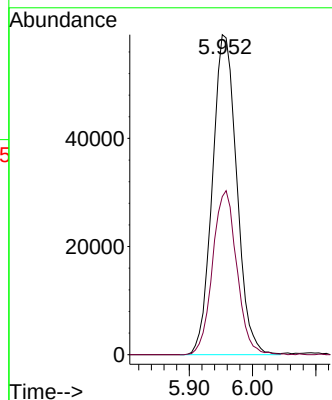
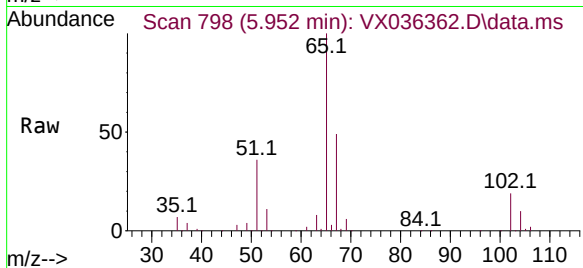
GWOW-BR-05-462-482-062723

Tgt Ion: 65 Resp: 158160

Ion Ratio Lower Upper

65 100

67 51.0 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: VX036362.D

Acq: 28 Jun 2023 12:35

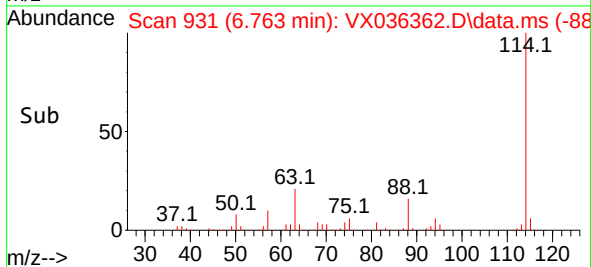
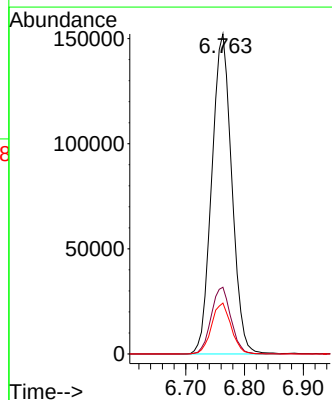
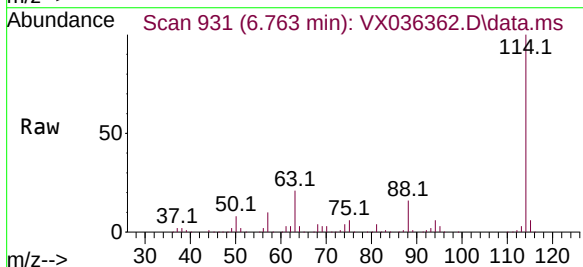
Tgt Ion:114 Resp: 359608

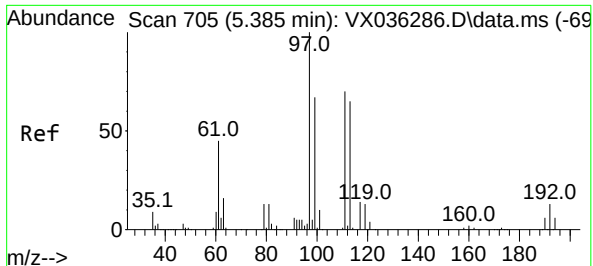
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

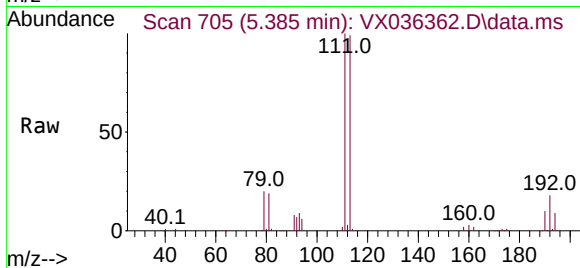
88 15.9 0.0 36.6



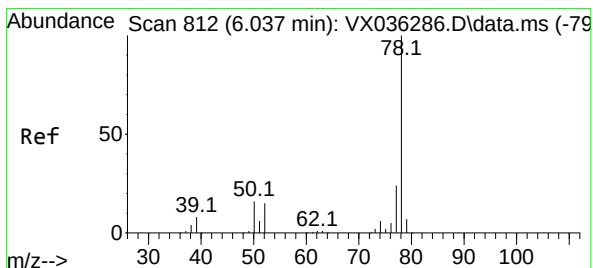
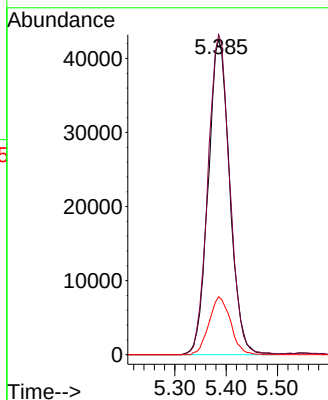
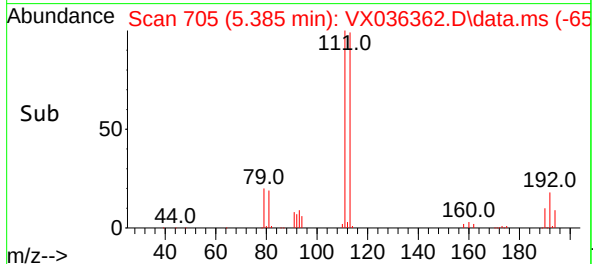


#35
 Dibromofluoromethane
 Concen: 52.120 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036362.D
 Acq: 28 Jun 2023 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-05-462-482-062723

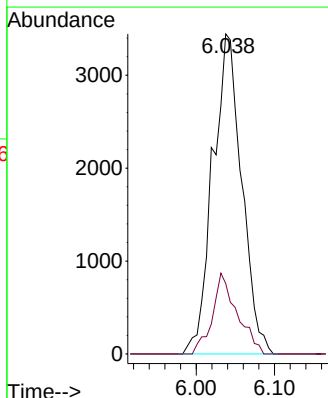
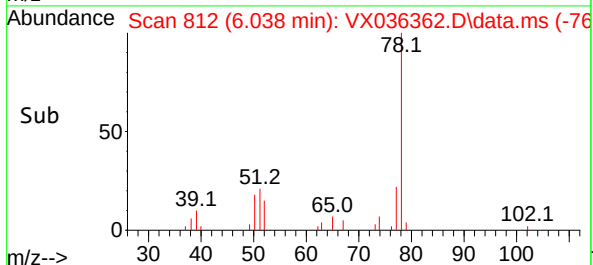
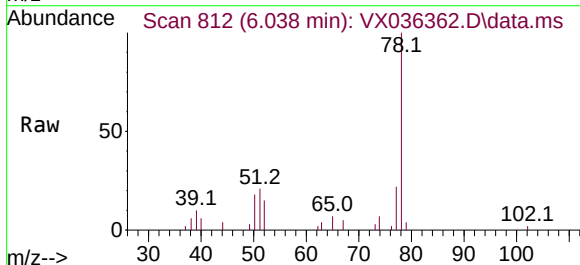


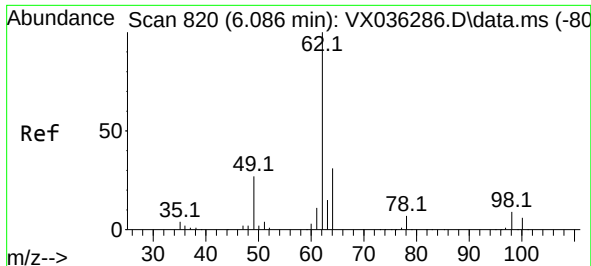
Tgt Ion:113 Resp: 123584
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 18.4 13.3 19.9



#40
 Benzene
 Concen: 0.897 ug/l
 RT: 6.038 min Scan# 812
 Delta R.T. 0.001 min
 Lab File: VX036362.D
 Acq: 28 Jun 2023 12:35

Tgt Ion: 78 Resp: 8859
 Ion Ratio Lower Upper
 78 100
 77 22.0 19.3 28.9





#42

1,2-Dichloroethane

Concen: 3.574 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036362.D

Acq: 28 Jun 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

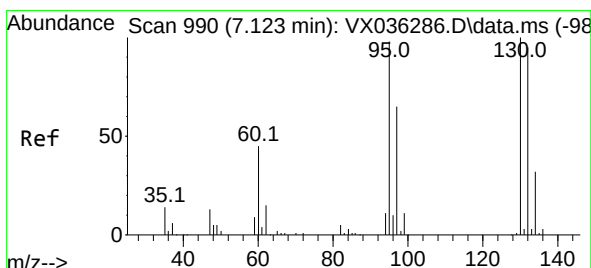
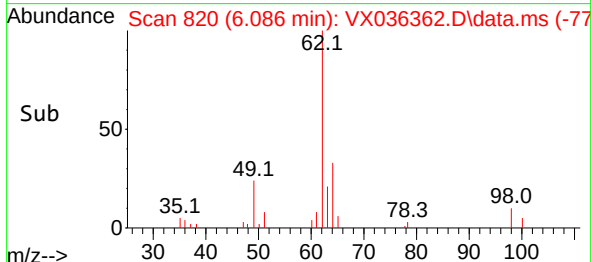
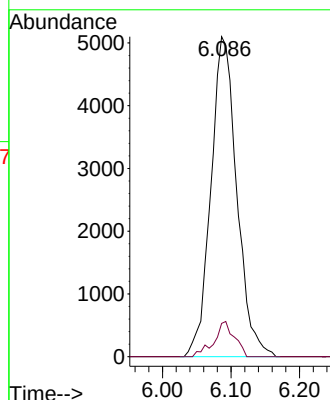
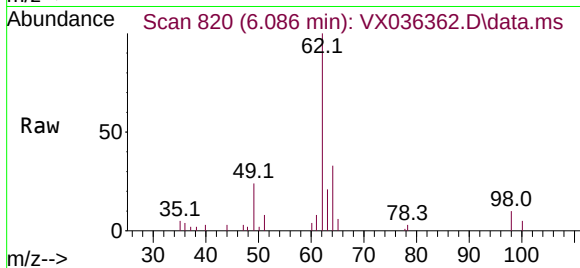
GWOW-BR-05-462-482-062723

Tgt Ion: 62 Resp: 13421

Ion Ratio Lower Upper

62 100

98 8.6 0.0 16.0



#44

Trichloroethene

Concen: 33.444 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX036362.D

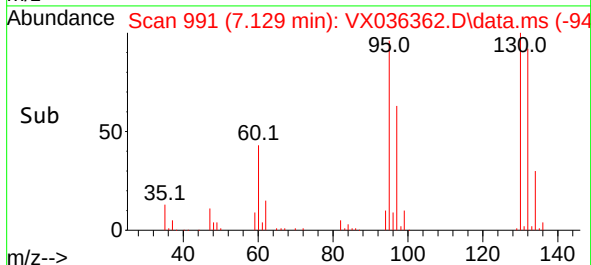
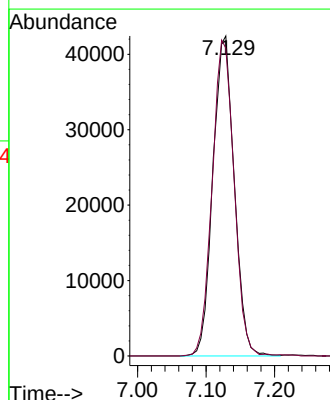
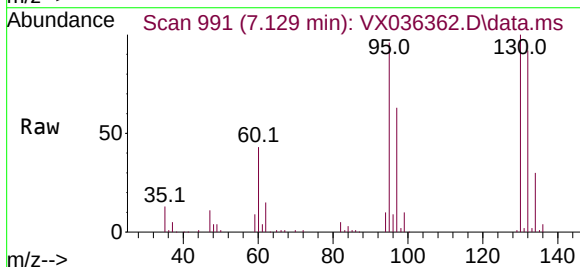
Acq: 28 Jun 2023 12:35

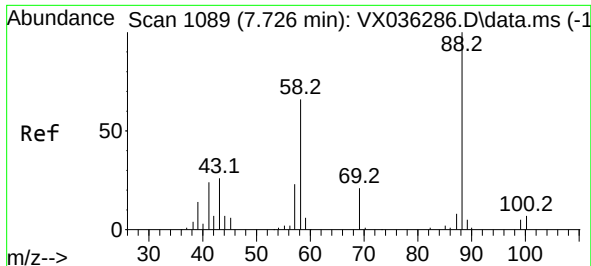
Tgt Ion:130 Resp: 91847

Ion Ratio Lower Upper

130 100

95 96.2 0.0 204.4





#49

1,4-Dioxane

Concen: 64.844 ug/l

RT: 7.732 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VX036362.D

Acq: 28 Jun 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-05-462-482-062723

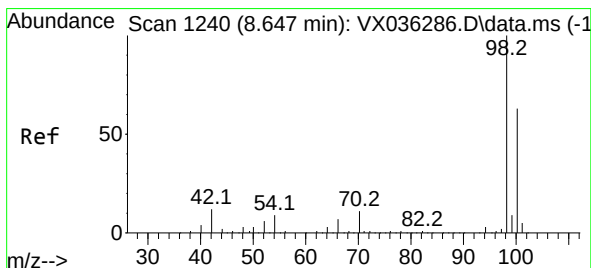
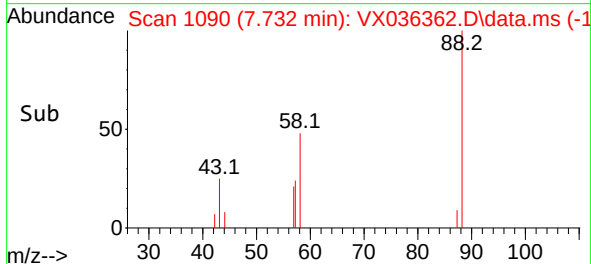
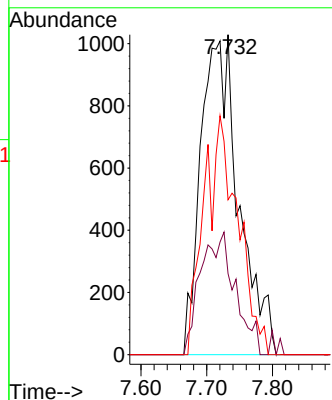
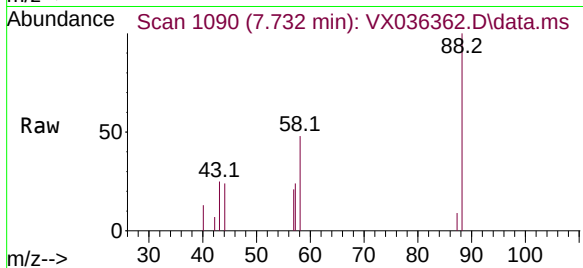
Tgt Ion: 88 Resp: 4119

Ion Ratio Lower Upper

88 100

43 35.0 0.0 0.0#

58 45.0 60.1 90.1#



#50

Toluene-d8

Concen: 49.773 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036362.D

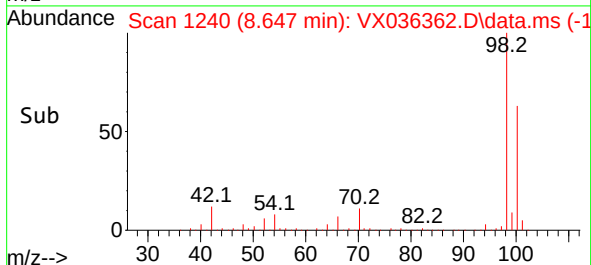
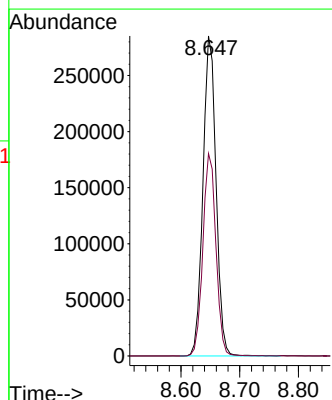
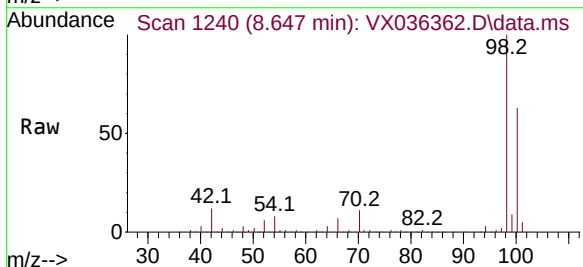
Acq: 28 Jun 2023 12:35

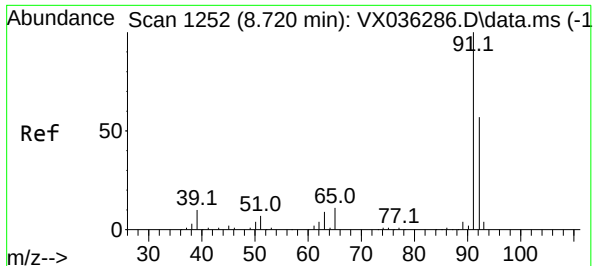
Tgt Ion: 98 Resp: 440806

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7

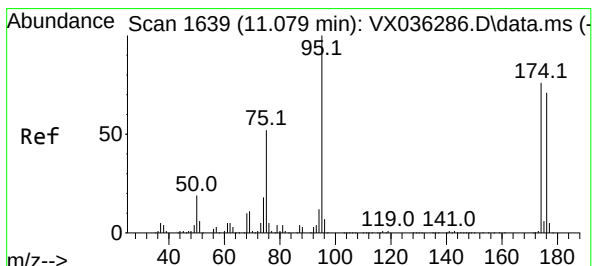
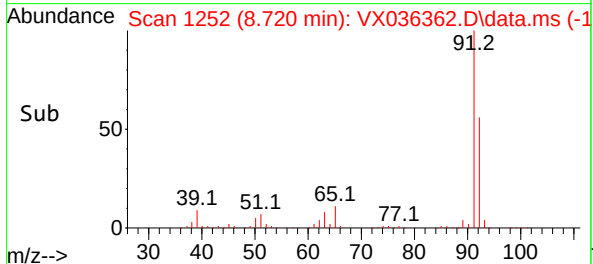
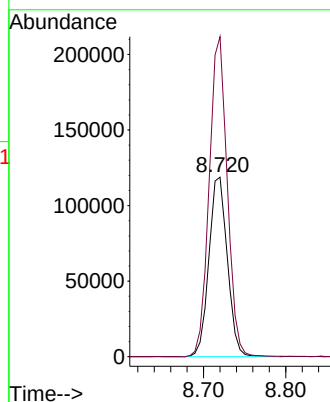
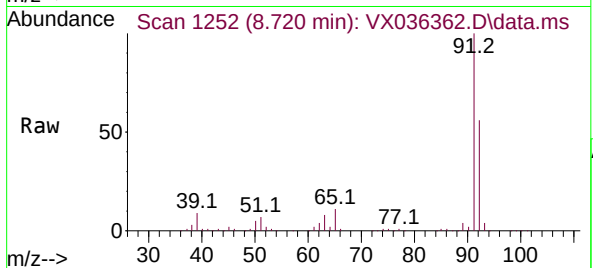




#52
Toluene
Concen: 29.582 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036362.D
Acq: 28 Jun 2023 12:35

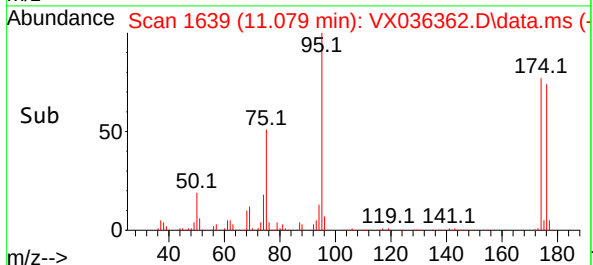
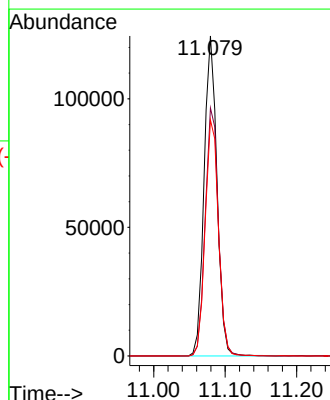
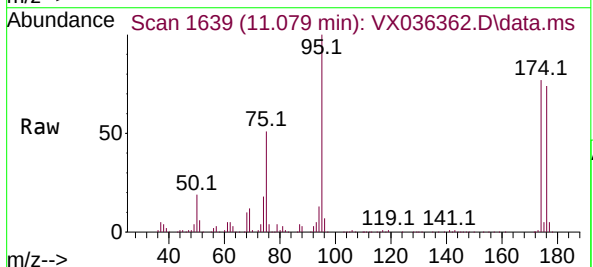
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-05-462-482-062723

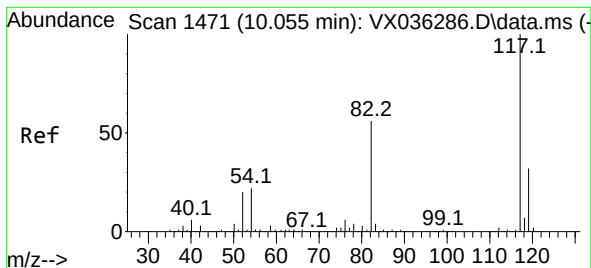
Tgt Ion: 92 Resp: 185101
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036362.D
Acq: 28 Jun 2023 12:35

Tgt Ion: 95 Resp: 155721
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 76.3 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: VX036362.D

Acq: 28 Jun 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-05-462-482-062723

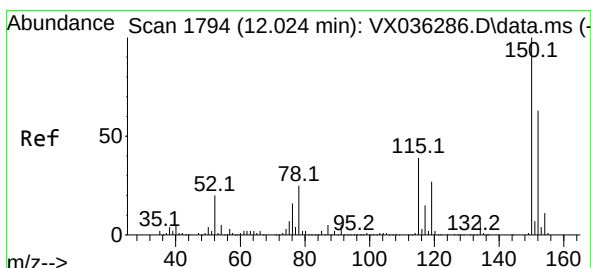
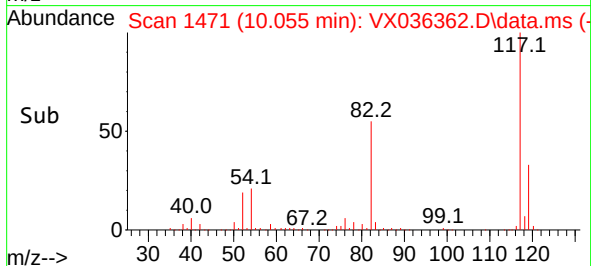
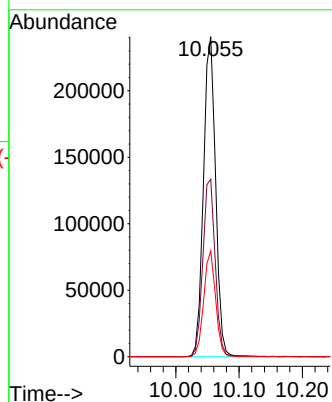
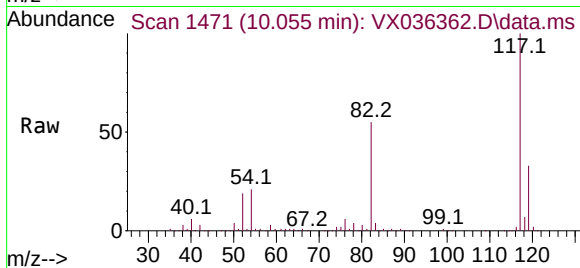
Tgt Ion:117 Resp: 322052

Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

119 33.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036362.D

Acq: 28 Jun 2023 12:35

Tgt Ion:152 Resp: 144727

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 158.9 0.0 345.0

