

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038408.D
 Acq On : 20 Oct 2023 17:26
 Operator : JC/MD
 Sample : 04986-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-06-252-272-101923

Quant Time: Oct 21 01:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

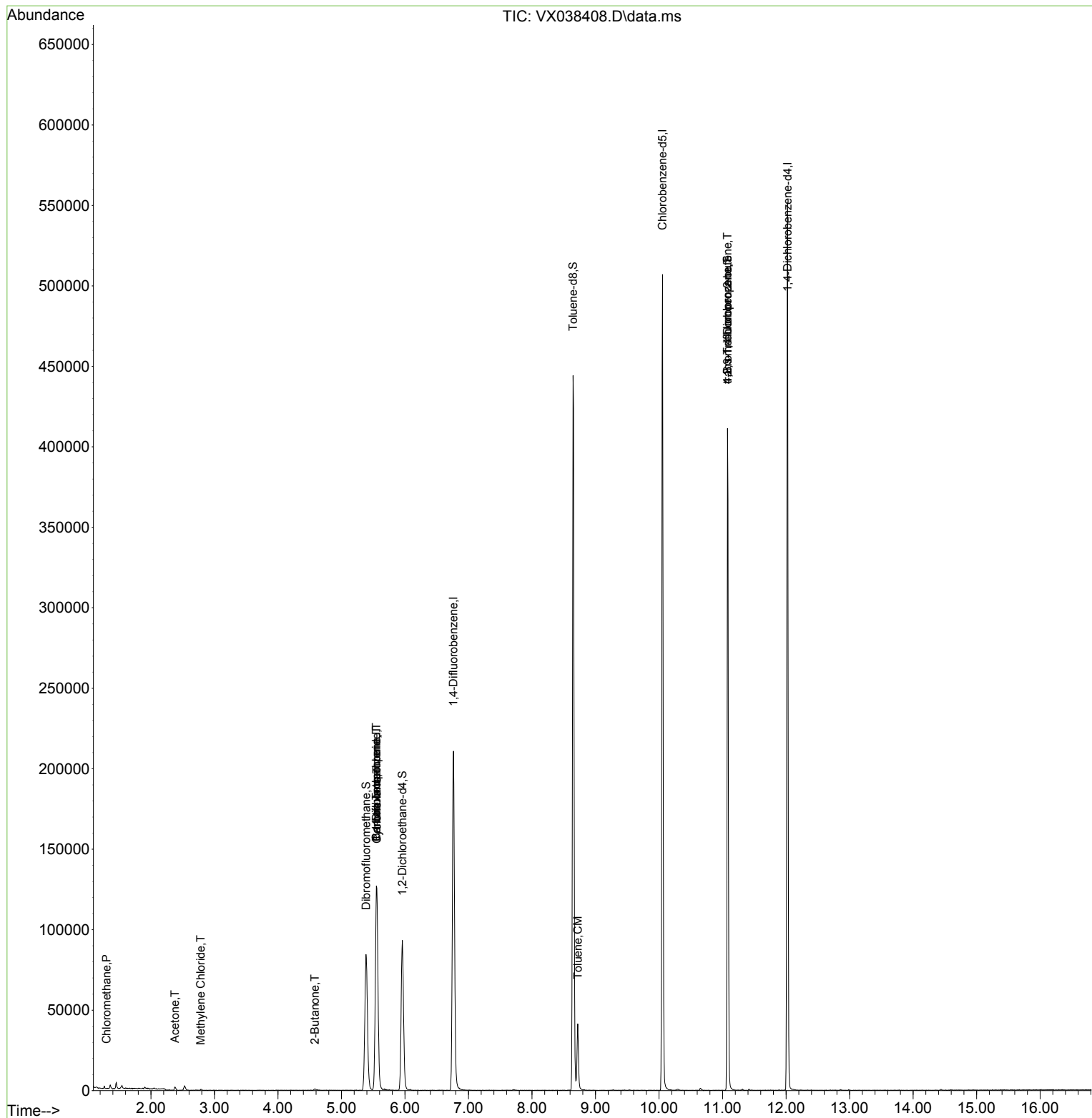
Internal Standards						
1) Pentafluorobenzene	5.550	168	121515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87962	45.005	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.020%		
35) Dibromofluoromethane	5.385	113	72098	45.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.780%		
50) Toluene-d8	8.647	98	273685	45.587	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.180%#		
62) 4-Bromofluorobenzene	11.079	95	103922	45.660	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.320%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	287	0.240	ug/l #	43
5) Bromomethane	1.624	94	89	Below Cal	#	3
6) Chloroethane	1.550	64	18	Below Cal	#	43
16) Acetone	2.380	43	2183	2.676	ug/l	91
20) Methylene Chloride	2.782	84	343	0.224	ug/l #	54
25) 2-Butanone	4.580	43	1601	1.216	ug/l	98
31) Cyclohexane	5.556	56	2802	1.323	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	9530	4.399	ug/l #	52
38) Carbon Tetrachloride	5.550	117	13055	6.125	ug/l #	15
52) Toluene	8.720	92	14973	3.793	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	56112	21.103	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56112	60.681	ug/l #	5

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

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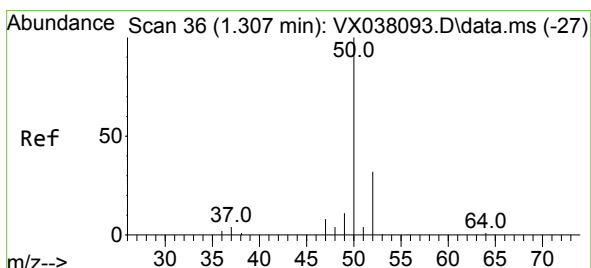
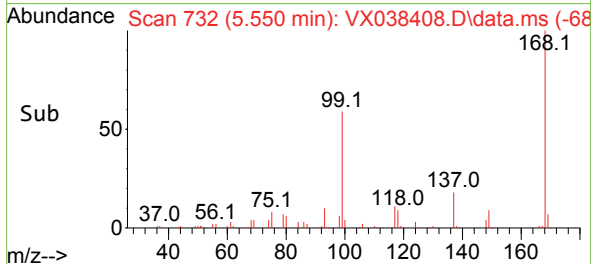
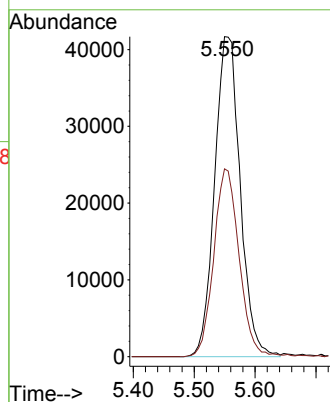
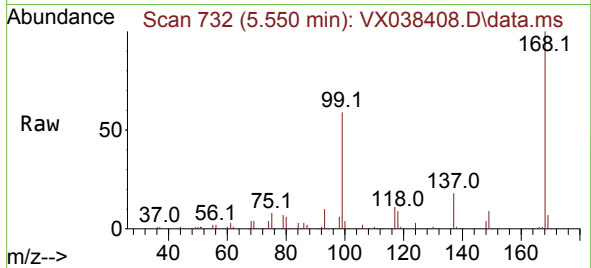




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

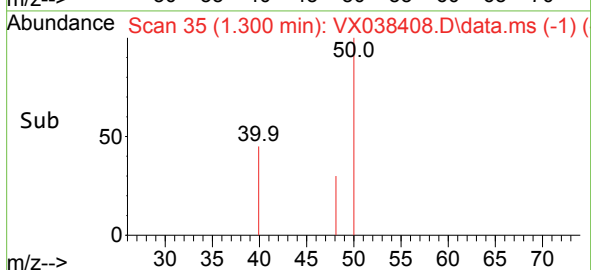
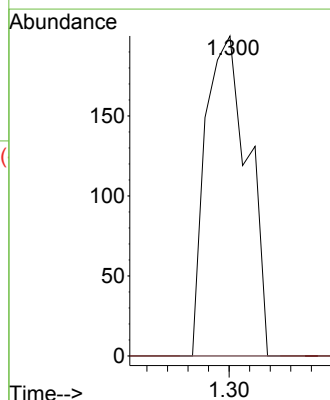
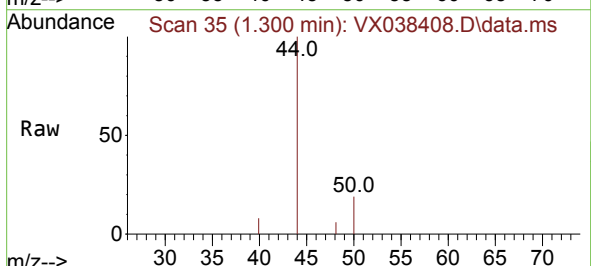
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-252-272-101923

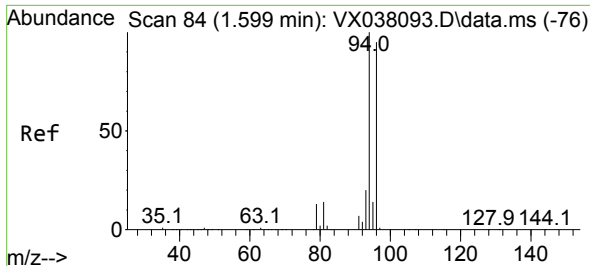
Tgt Ion:168 Resp: 121515
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion: 50 Resp: 287
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

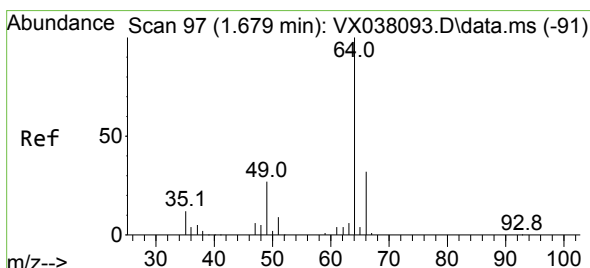
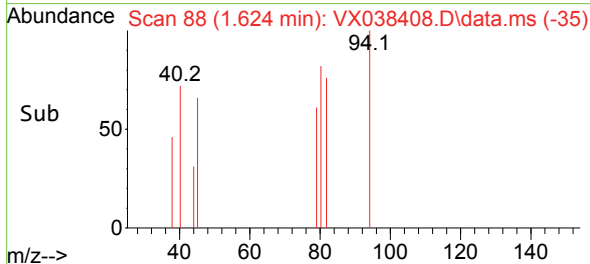
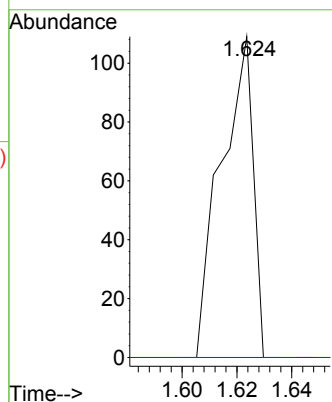
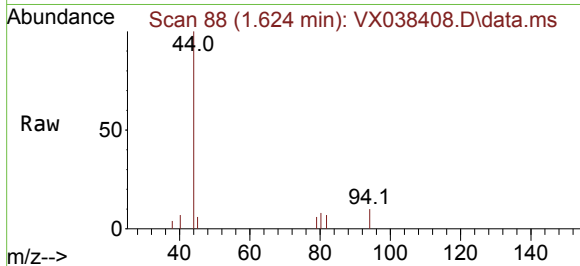




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

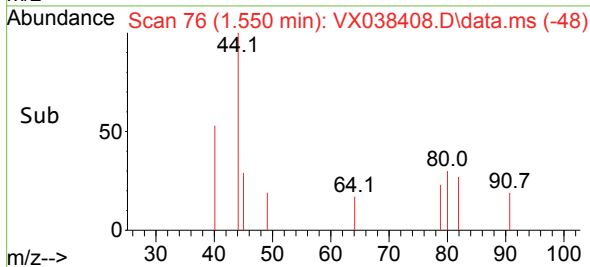
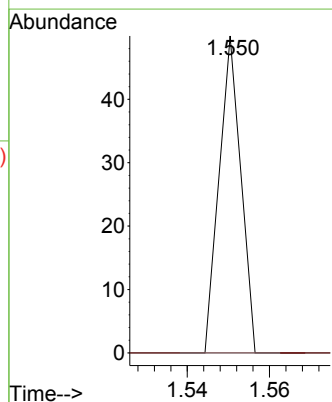
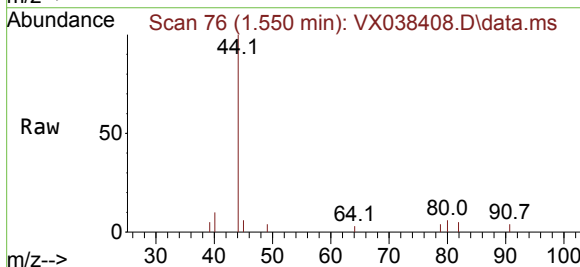
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-252-272-101923

Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.550 min Scan# 76
Delta R.T. -0.129 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion: 64 Resp: 18
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

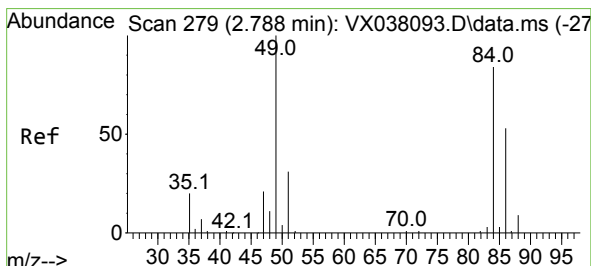
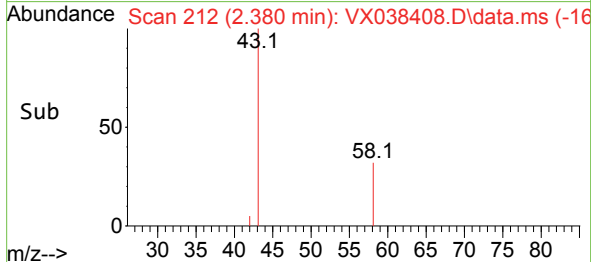
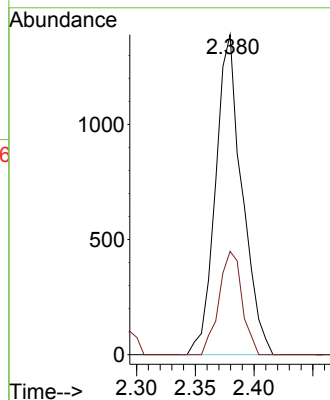
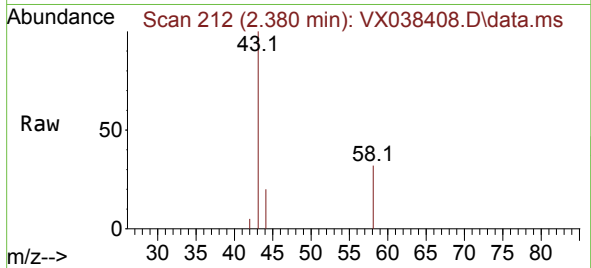




#16
Acetone
Concen: 2.676 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

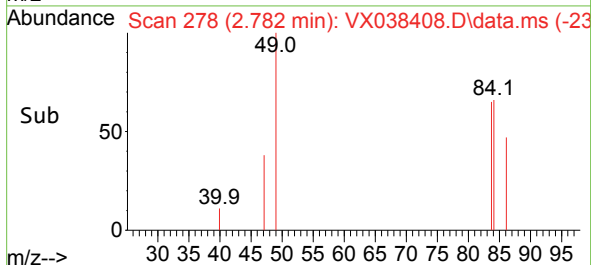
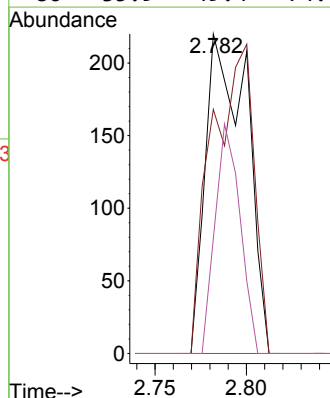
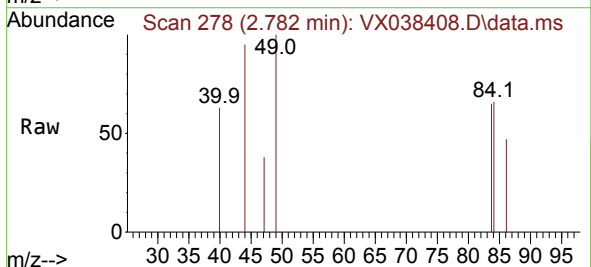
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-252-272-101923

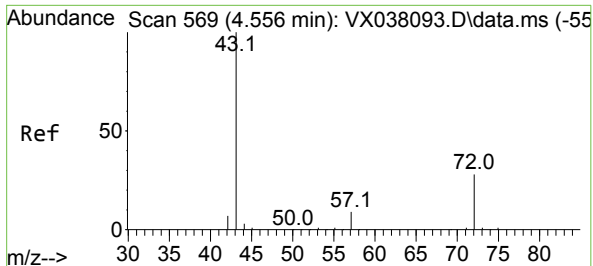
Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion: 84 Resp: 343
Ion Ratio Lower Upper
84 100
49 76.4 103.6 155.4#
51 0.0 33.8 50.6#
86 35.9 49.4 74.0#





#25

2-Butanone

Concen: 1.216 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX038408.D

Acq: 20 Oct 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

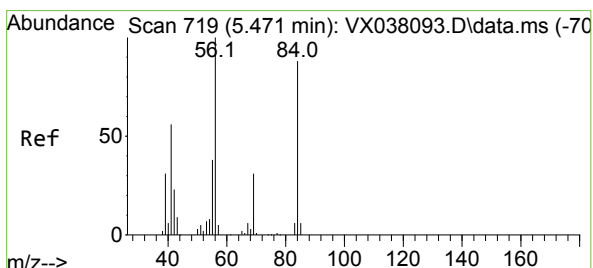
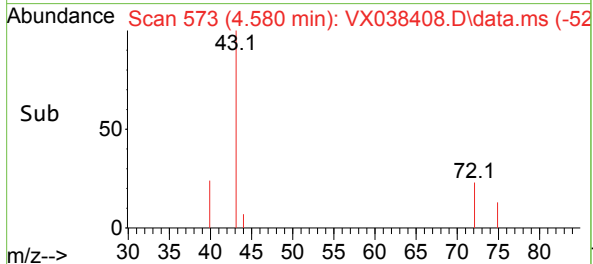
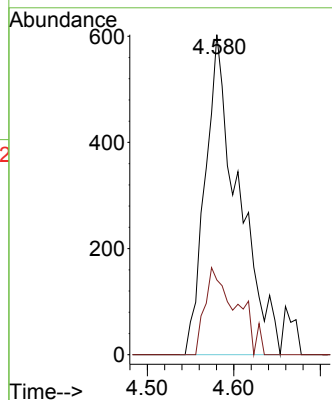
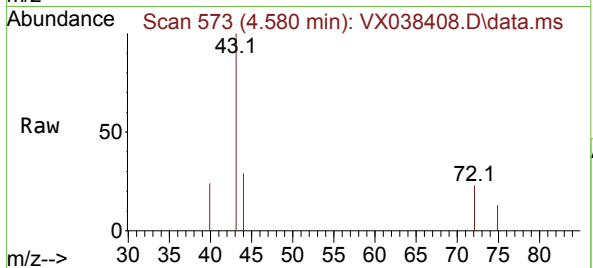
GWOW-BR-06-252-272-101923

Tgt Ion: 43 Resp: 1601

Ion Ratio Lower Upper

43 100

72 23.4 19.4 29.2



#31

Cyclohexane

Concen: 1.323 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038408.D

Acq: 20 Oct 2023 17:26

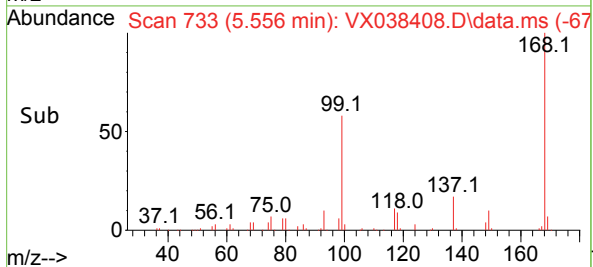
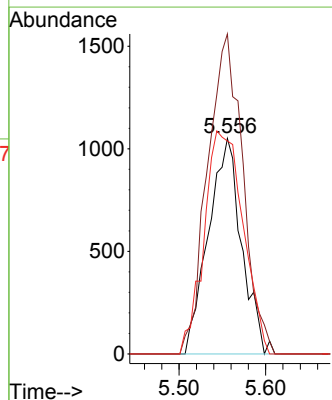
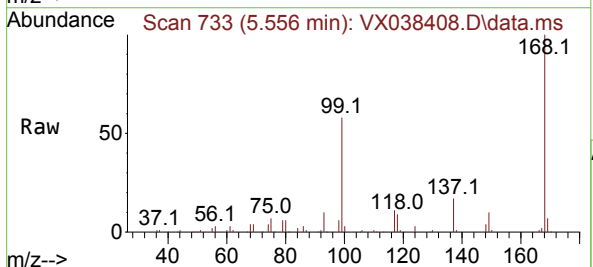
Tgt Ion: 56 Resp: 2802

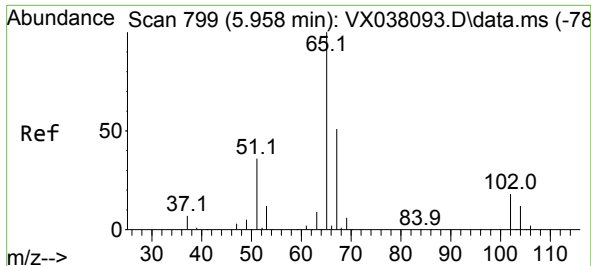
Ion Ratio Lower Upper

56 100

69 148.4 23.4 35.2#

84 98.8 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 45.005 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038408.D

Acq: 20 Oct 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

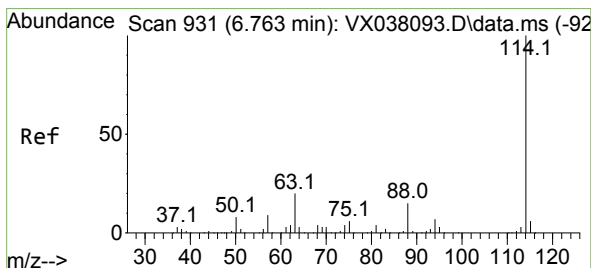
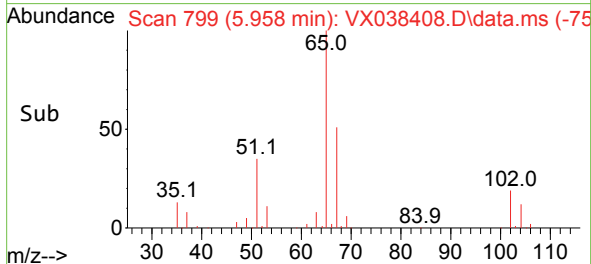
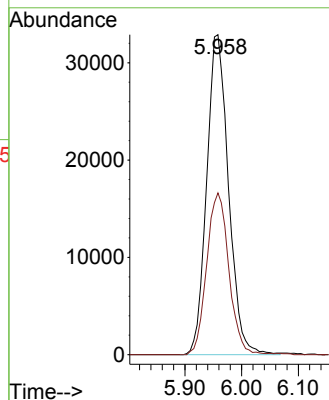
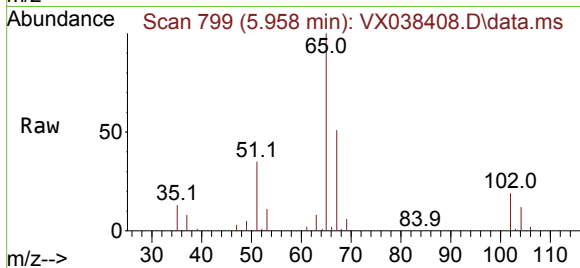
GWOW-BR-06-252-272-101923

Tgt Ion: 65 Resp: 87962

Ion Ratio Lower Upper

65 100

67 51.5 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: VX038408.D

Acq: 20 Oct 2023 17:26

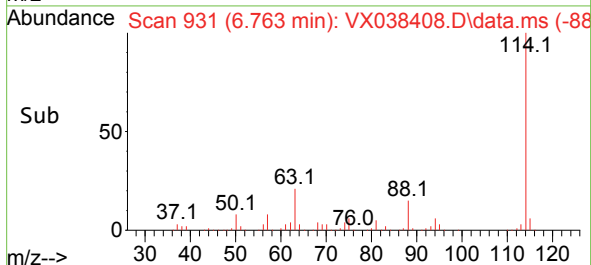
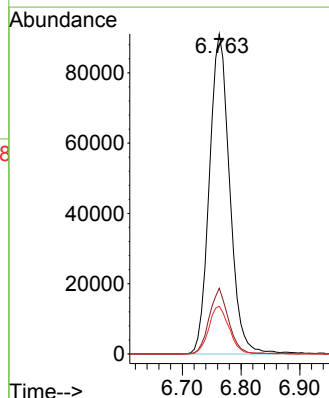
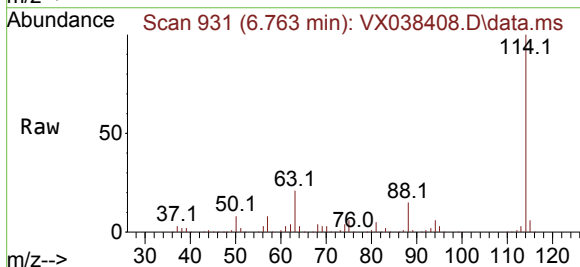
Tgt Ion: 114 Resp: 218038

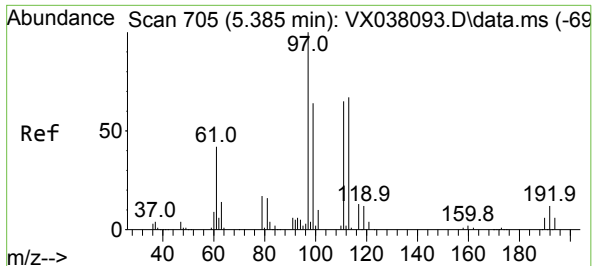
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 14.9 0.0 36.6

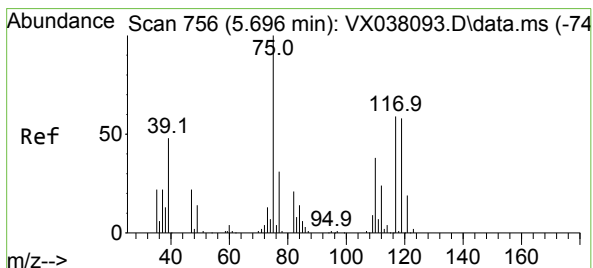
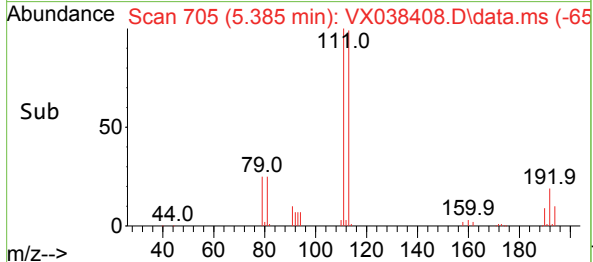
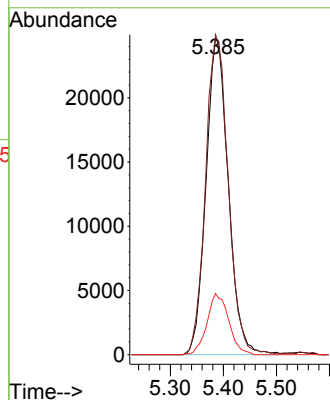
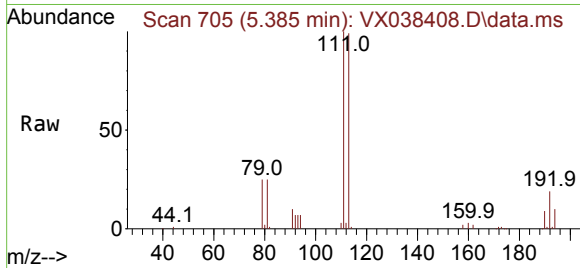




#35
Dibromofluoromethane
Concen: 45.890 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

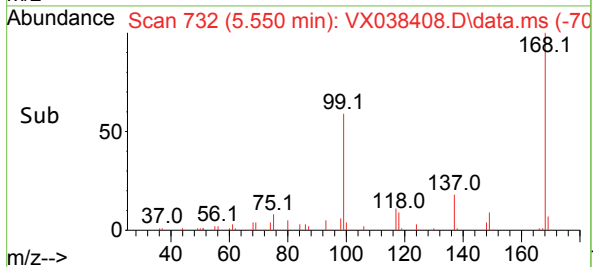
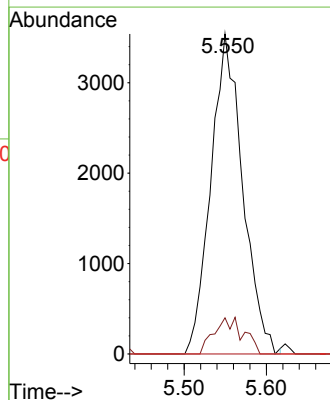
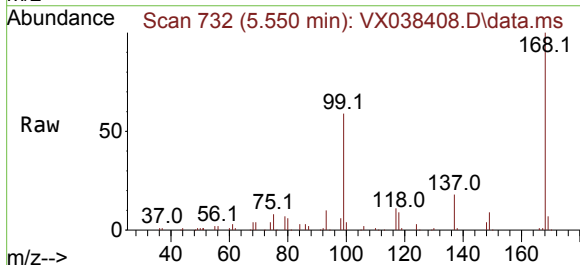
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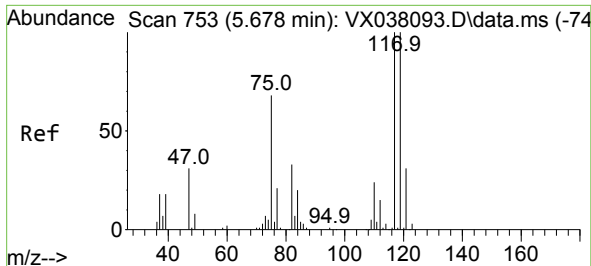
Tgt Ion:	113	Resp:	72098
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	18.8	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

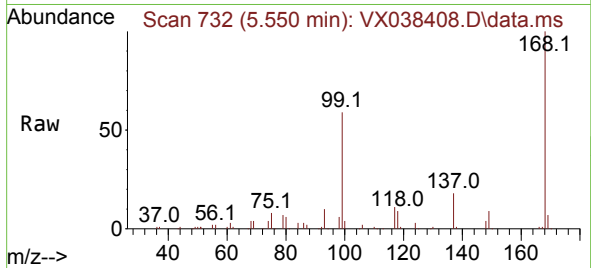
Tgt Ion:	75	Resp:	9530
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.0	50.9#
77	0.0	24.7	37.1#



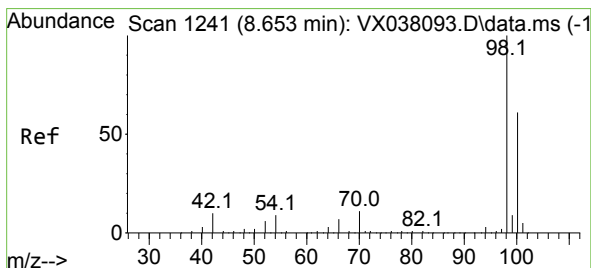
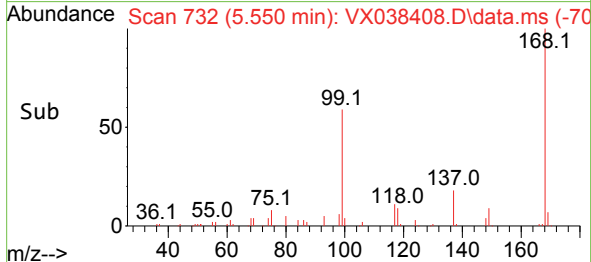
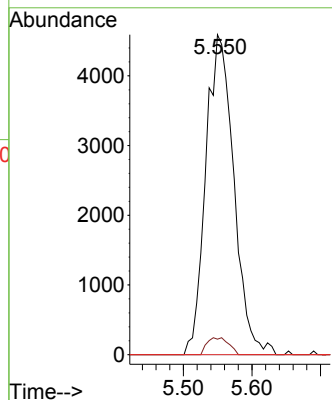


#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-252-272-101923

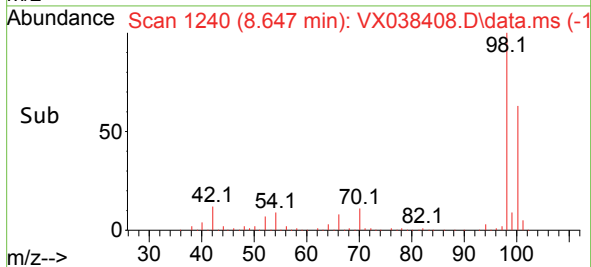
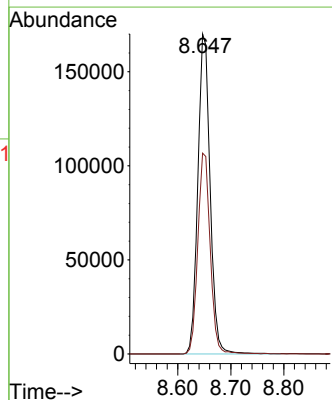
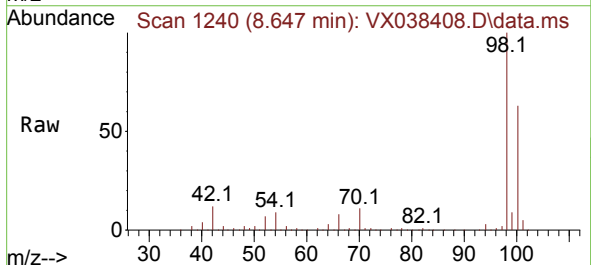


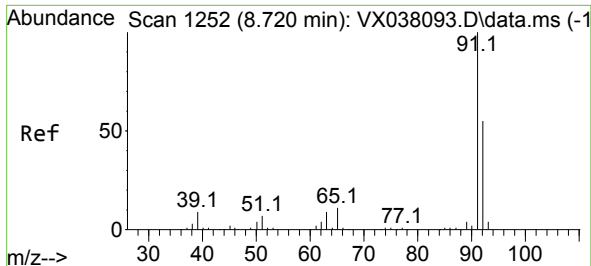
Tgt Ion:117 Resp: 13055
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.587 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion: 98 Resp: 273685
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

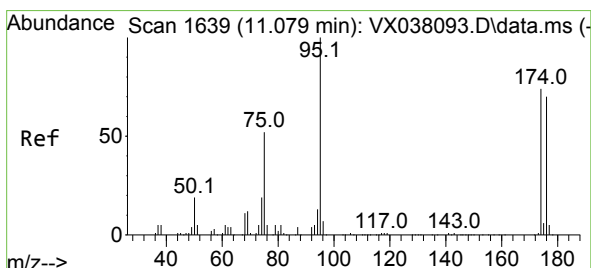
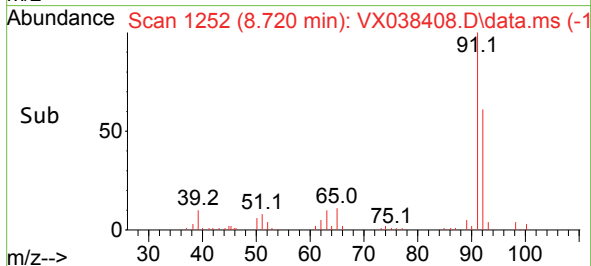
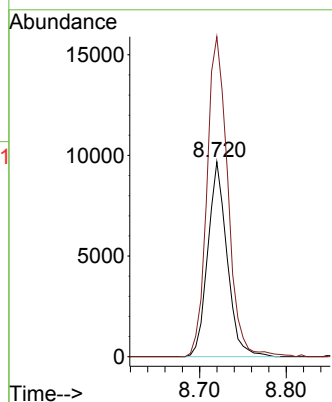
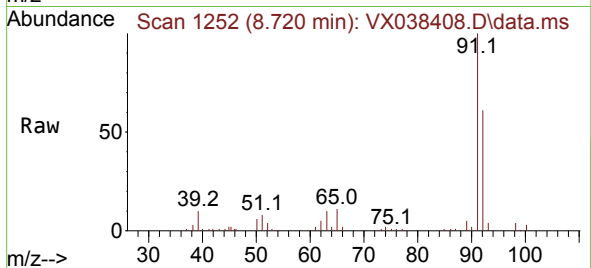




#52
Toluene
Concen: 3.793 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

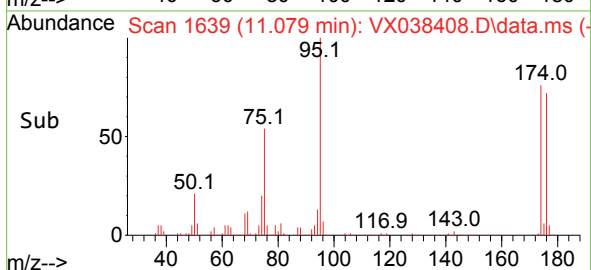
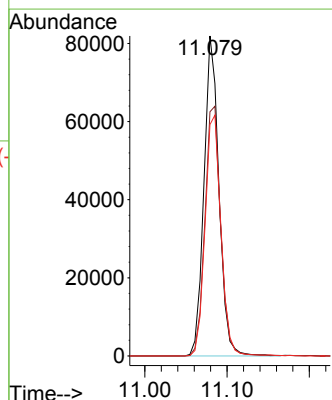
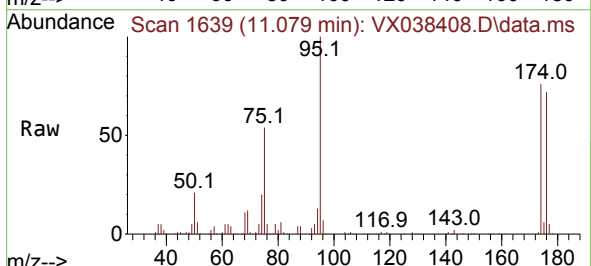
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-252-272-101923

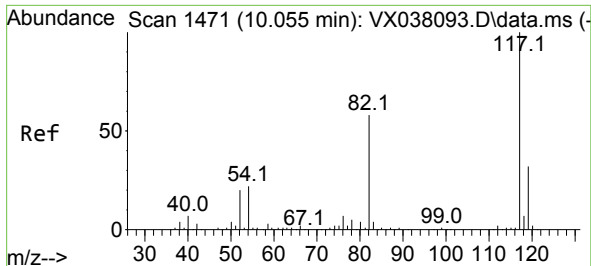
Tgt Ion: 92 Resp: 14973
Ion Ratio Lower Upper
92 100
91 177.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion: 95 Resp: 103922
Ion Ratio Lower Upper
95 100
174 82.5 0.0 135.6
176 79.9 0.0 131.0

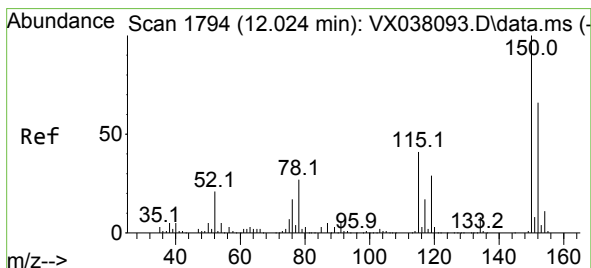
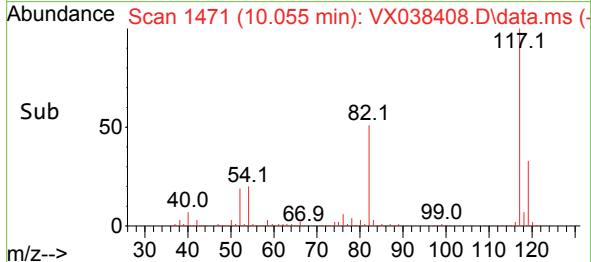
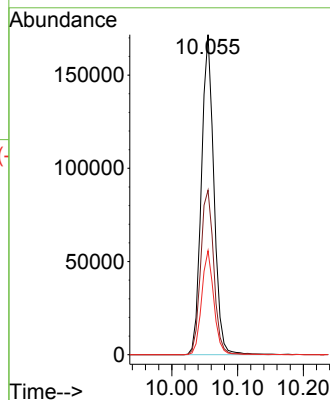
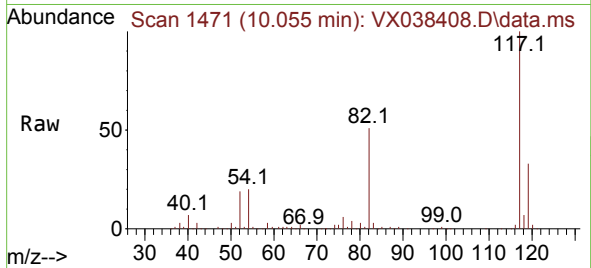




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

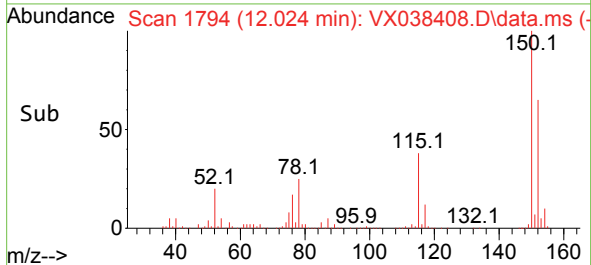
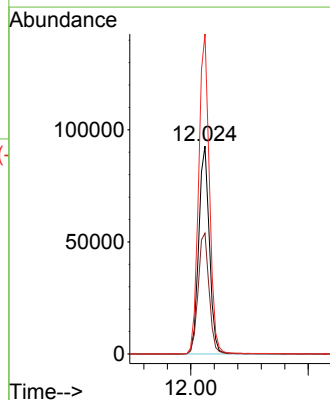
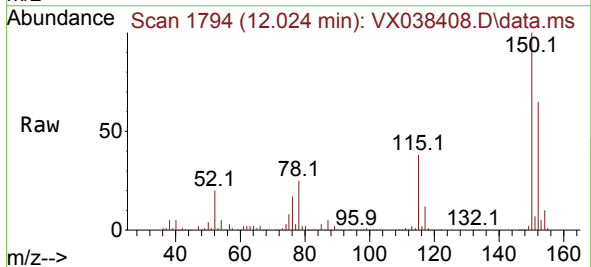
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-252-272-101923

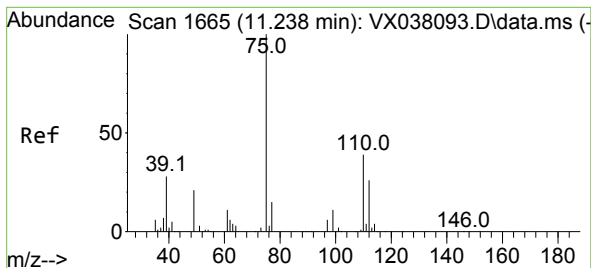
Tgt Ion:117 Resp: 227314
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038408.D
Acq: 20 Oct 2023 17:26

Tgt Ion:152 Resp: 116963
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 155.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.103 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038408.D

Acq: 20 Oct 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

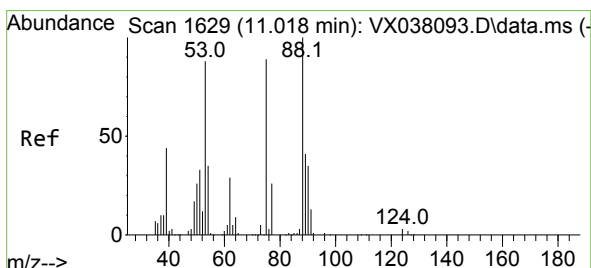
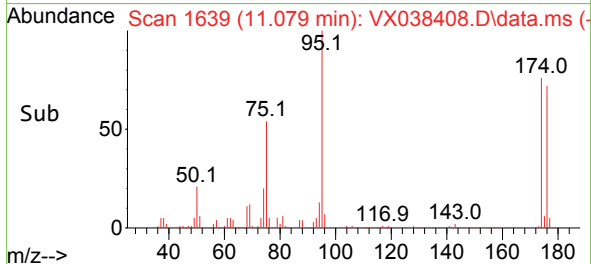
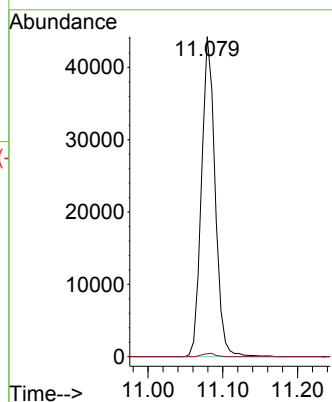
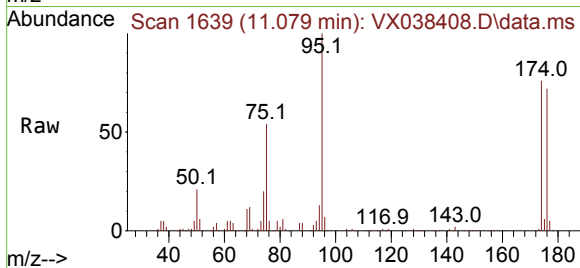
GWOW-BR-06-252-272-101923

Tgt Ion: 75 Resp: 56112

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.681 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038408.D

Acq: 20 Oct 2023 17:26

Tgt Ion: 75 Resp: 56112

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

