

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038407.D
 Acq On : 20 Oct 2023 17:02
 Operator : JC/MD
 Sample : 04986-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-06-230-250-101923

Quant Time: Oct 21 01:46:19 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)

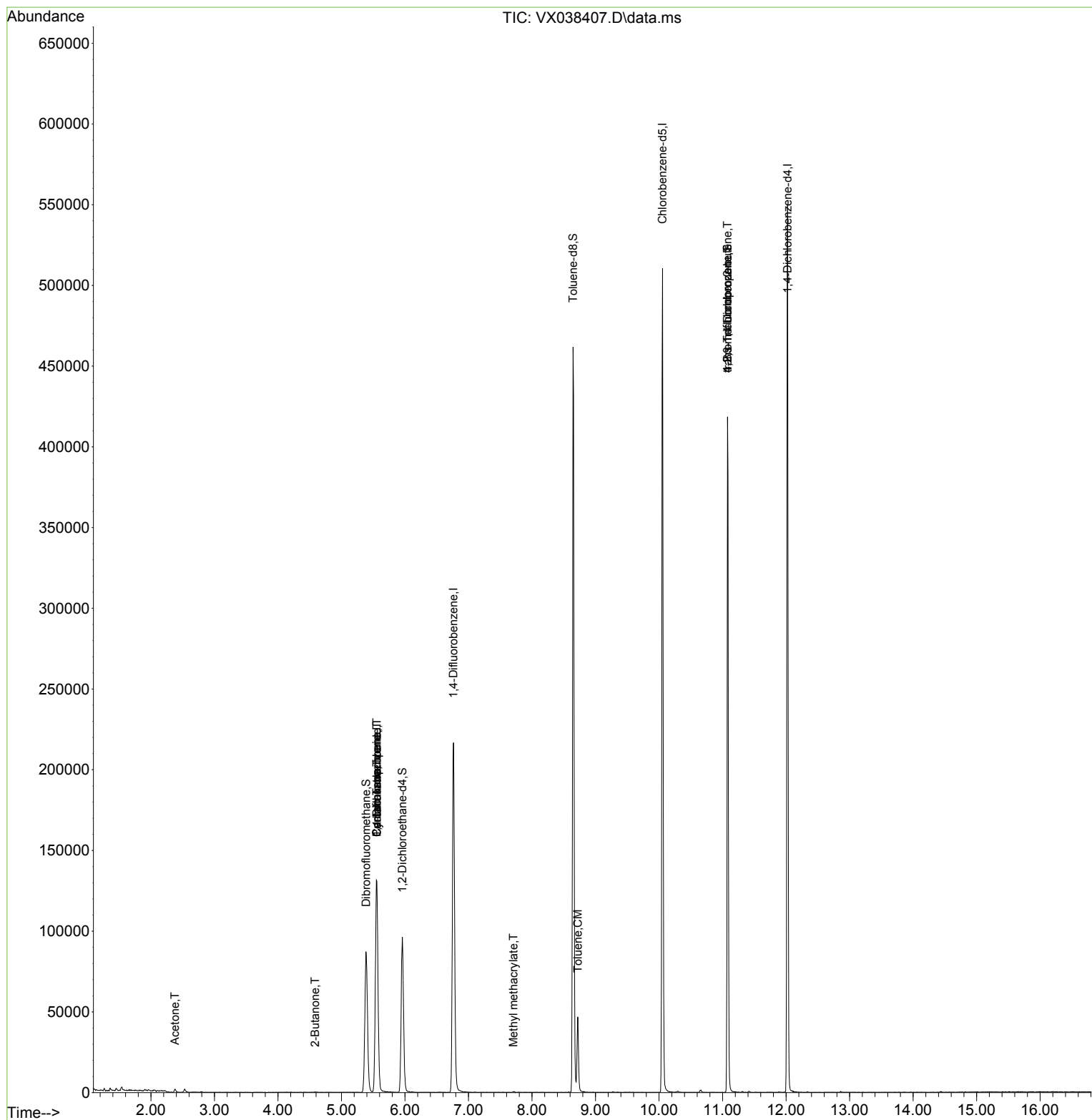
Internal Standards						
1) Pentafluorobenzene	5.556	168	123394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90104	45.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.800%
35) Dibromofluoromethane	5.385	113	74335	46.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.646	98	279495	45.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	103873	45.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	22	Below Cal	#	3
6) Chloroethane	1.715	64	33	Below Cal	#	43
16) Acetone	2.379	43	2092	2.526	ug/l	98
25) 2-Butanone	4.586	43	405	0.303	ug/l #	51
31) Cyclohexane	5.556	56	2959	1.376	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	10058	4.579	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13450	6.225	ug/l #	15
48) Methyl methacrylate	7.708	41	372	0.200	ug/l	89
52) Toluene	8.720	92	17248	4.310	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	57014	21.351	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57014	61.348	ug/l #	5

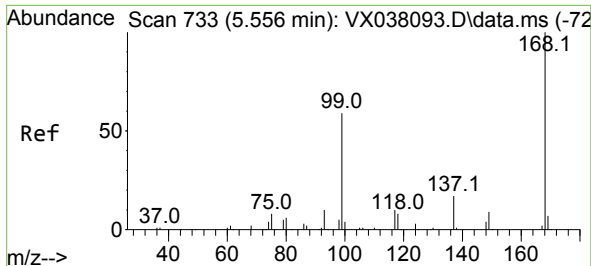
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

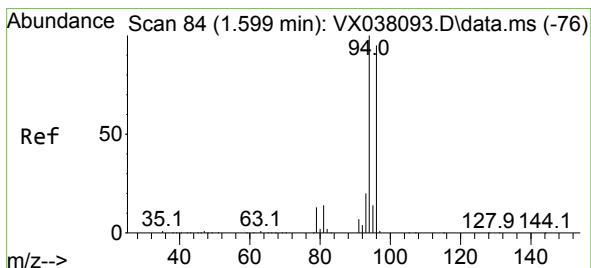
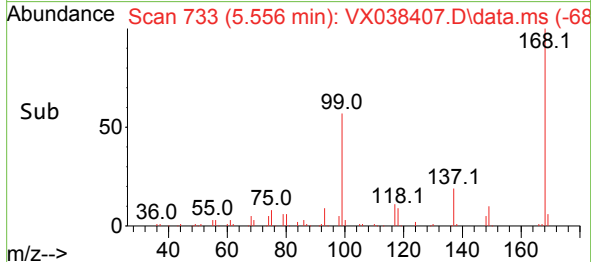
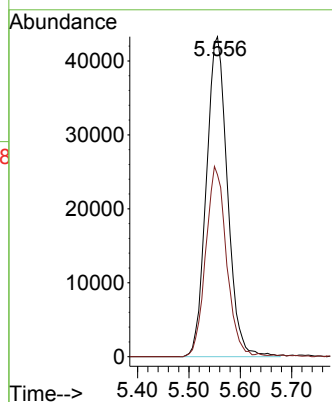
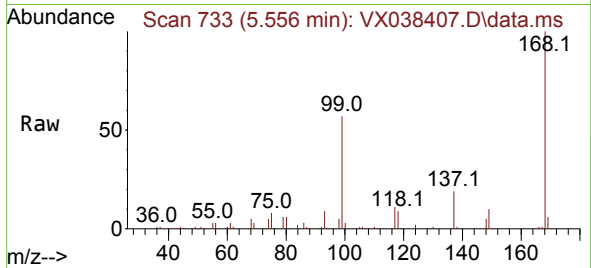




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

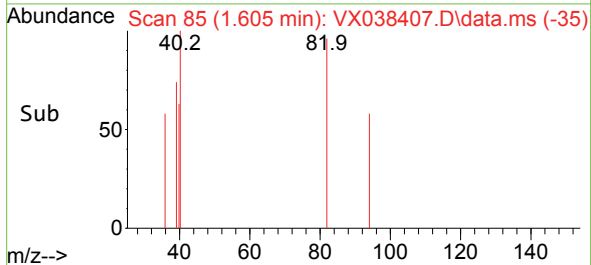
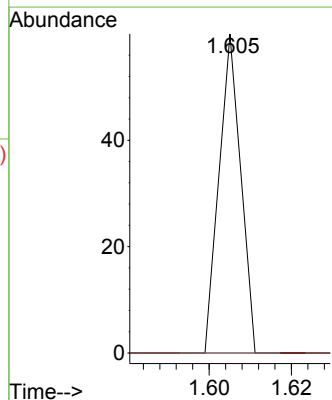
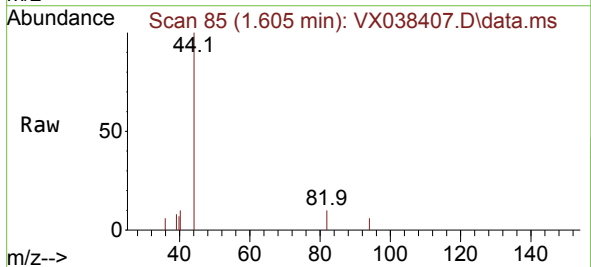
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-230-250-101923

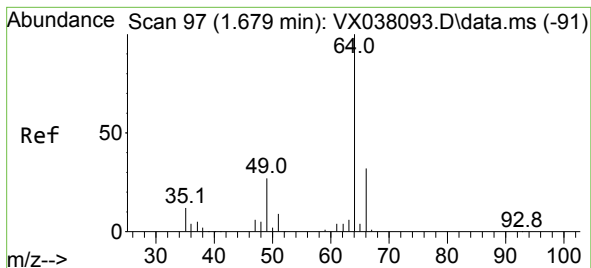
Tgt Ion:168 Resp: 123394
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

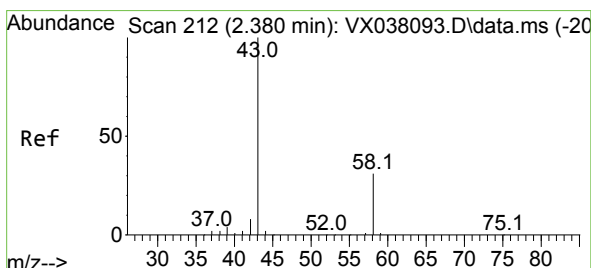
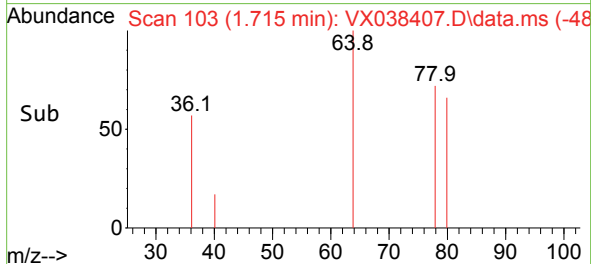
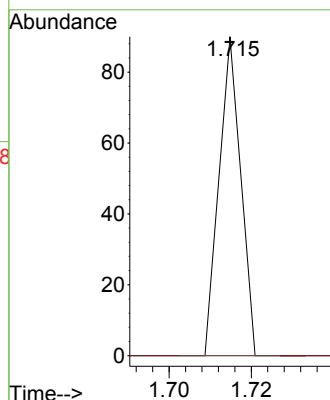
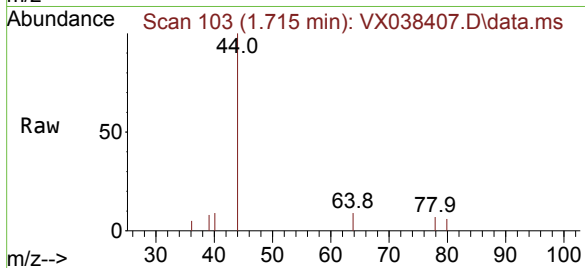




#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

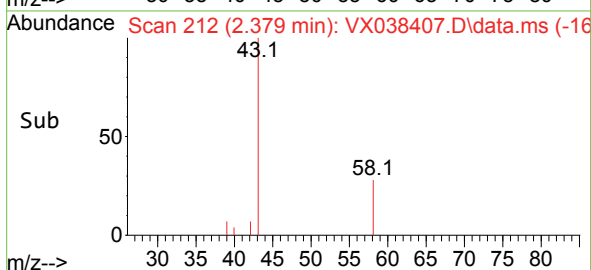
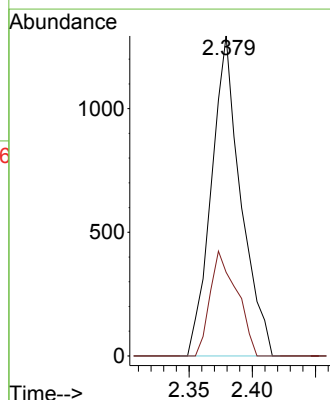
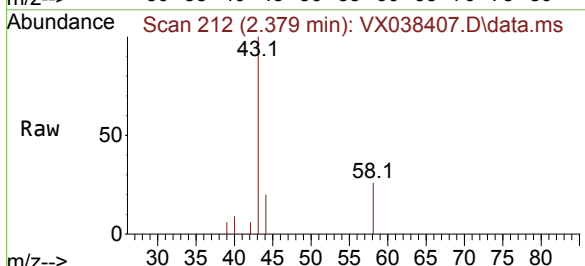
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-230-250-101923

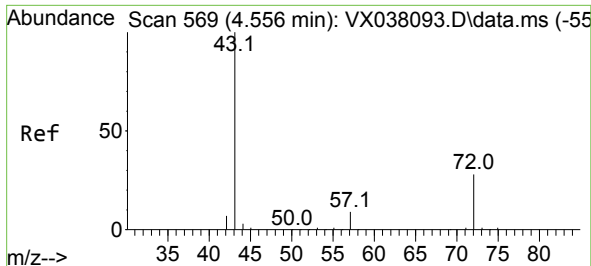
Tgt Ion: 64 Resp: 33
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.526 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
58 26.1 21.9 32.9

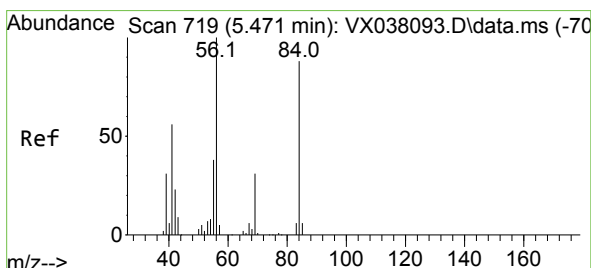
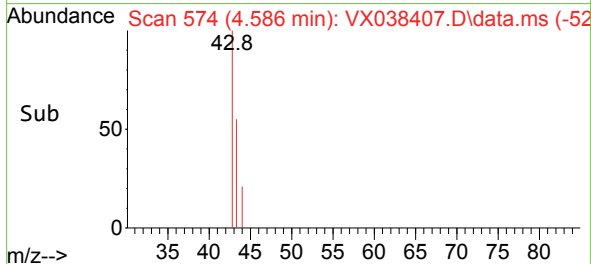
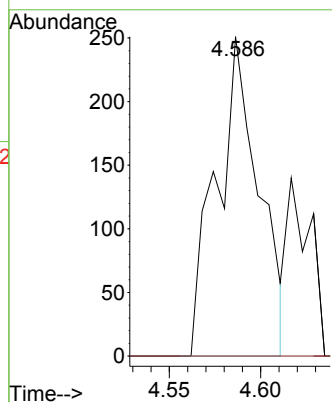
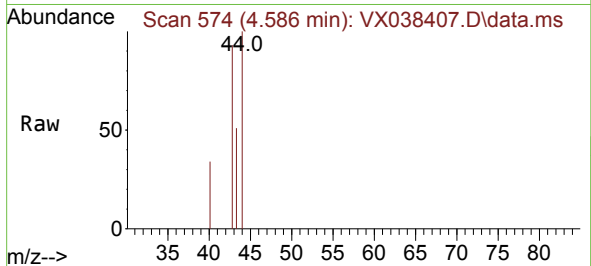




#25
2-Butanone
Concen: 0.303 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

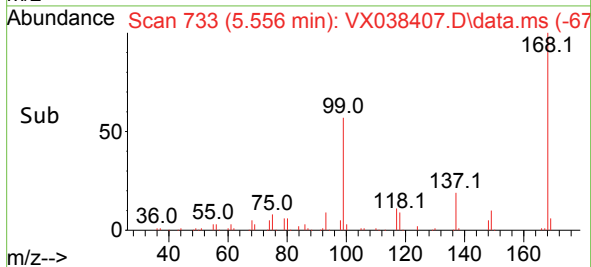
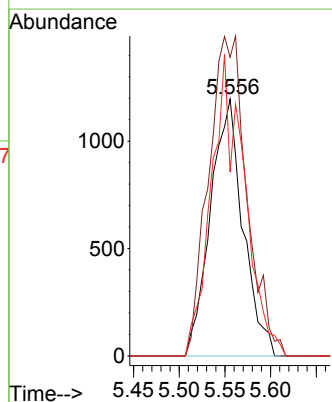
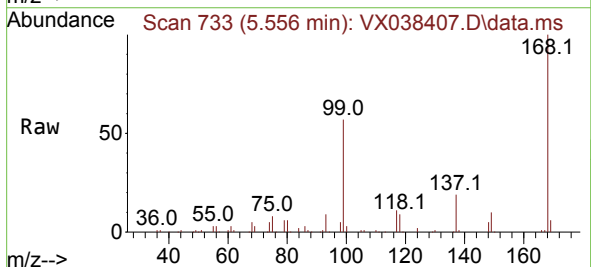
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-230-250-101923

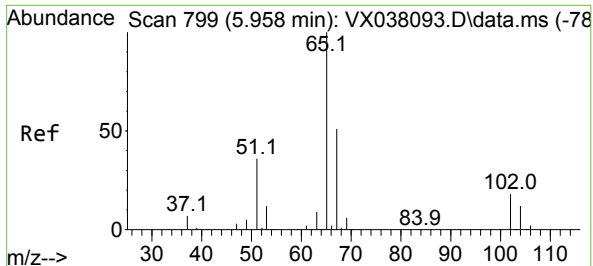
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.376 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

Tgt Ion: 56 Resp: 2959
Ion Ratio Lower Upper
56 100
69 116.3 23.4 35.2#
84 71.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 45.399 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038407.D

Acq: 20 Oct 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

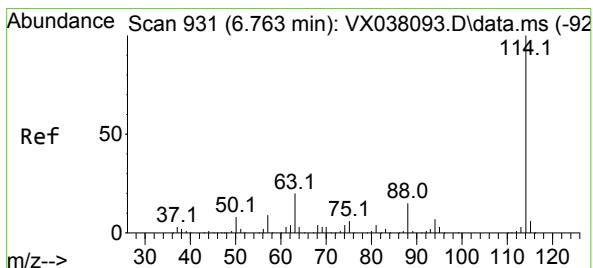
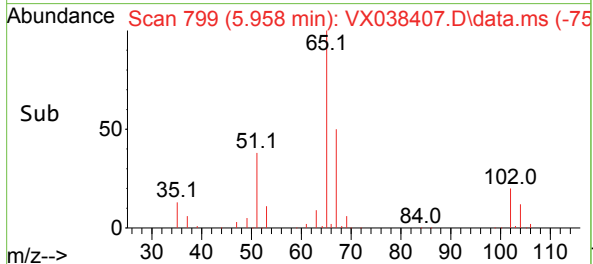
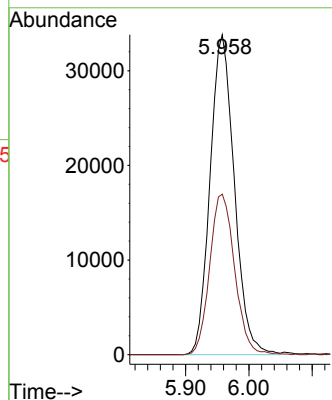
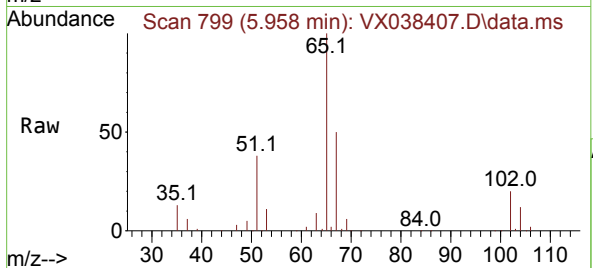
GWOW-BR-06-230-250-101923

Tgt Ion: 65 Resp: 90104

Ion Ratio Lower Upper

65 100

67 51.7 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: VX038407.D

Acq: 20 Oct 2023 17:02

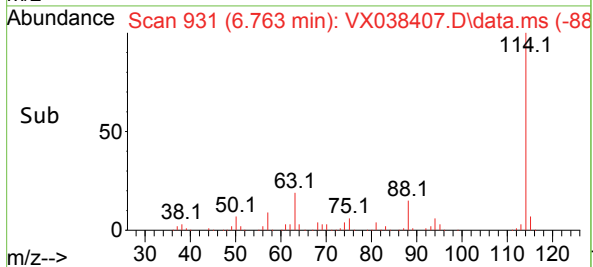
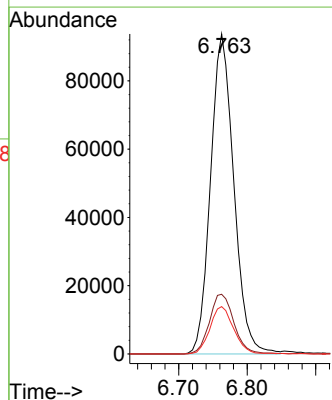
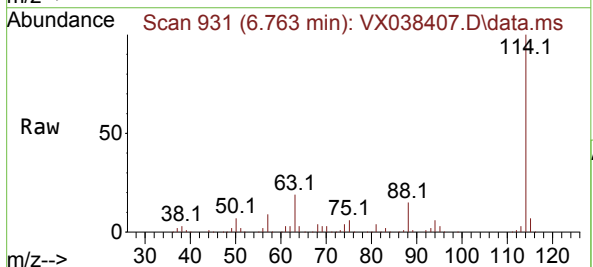
Tgt Ion: 114 Resp: 221050

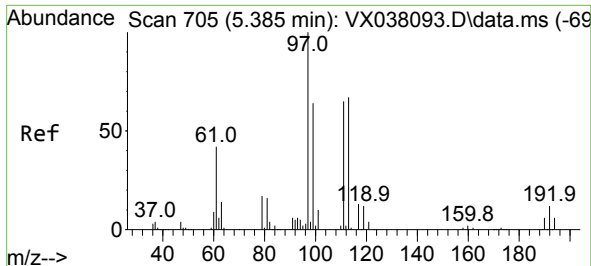
Ion Ratio Lower Upper

114 100

63 18.6 0.0 45.0

88 14.8 0.0 36.6

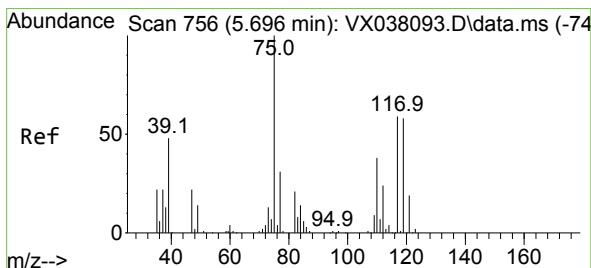
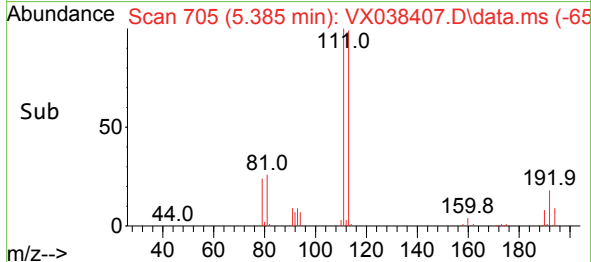
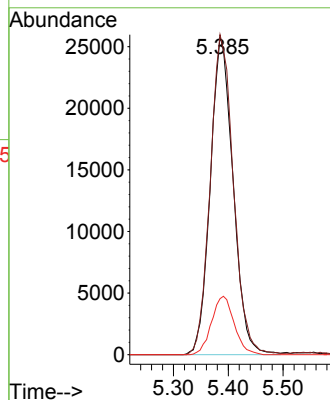
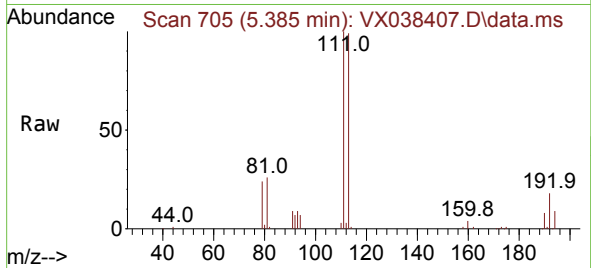




#35
Dibromofluoromethane
Concen: 46.669 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

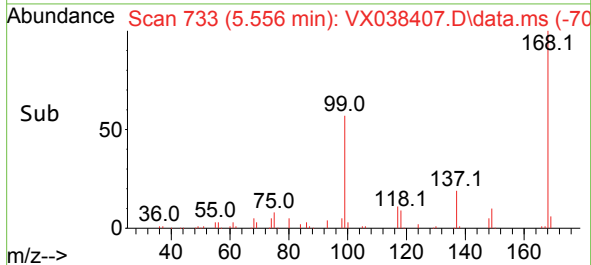
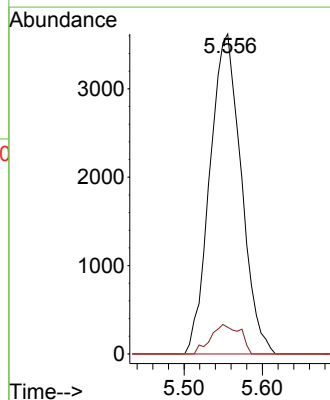
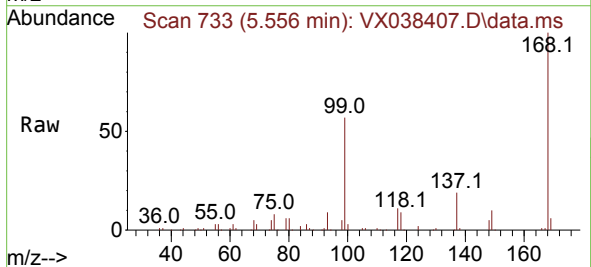
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-230-250-101923

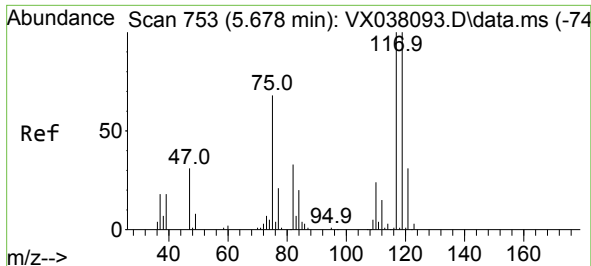
Tgt Ion:	113	Resp:	74335
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.9	124.3
192	18.3	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.579 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

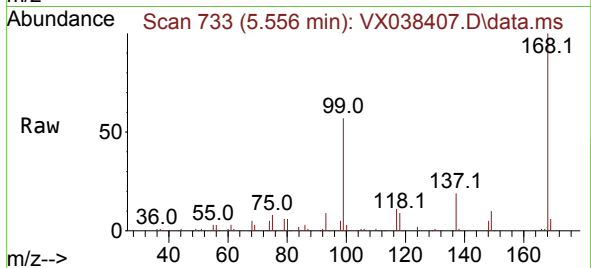
Tgt Ion:	75	Resp:	10058
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.0	50.9#
77	0.0	24.7	37.1#



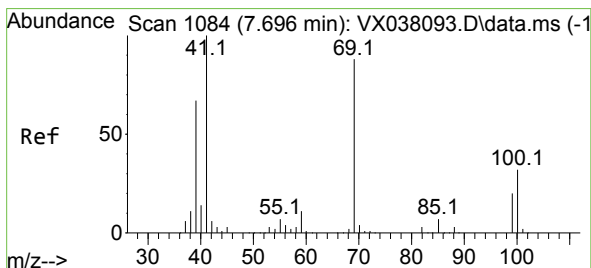
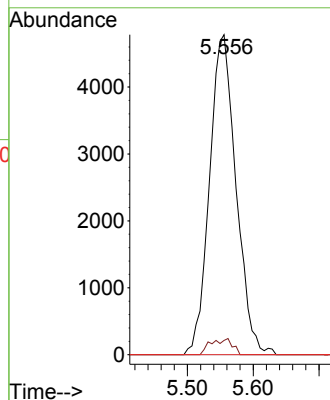
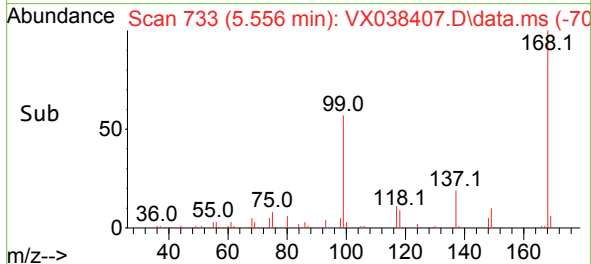


#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-230-250-101923

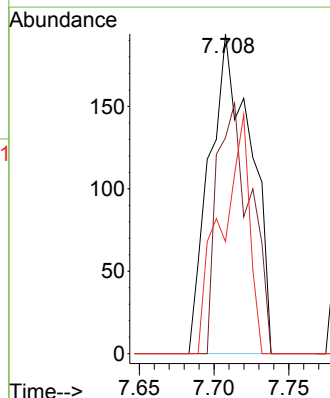
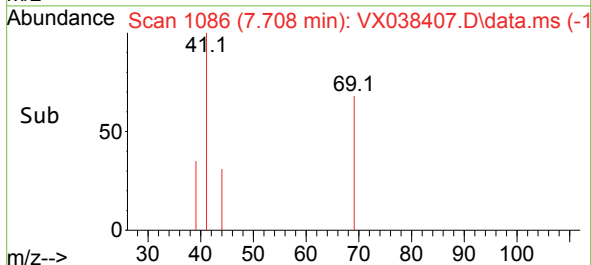
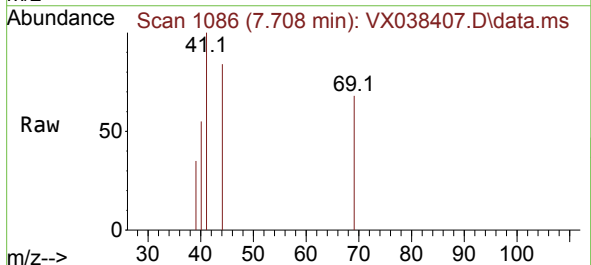


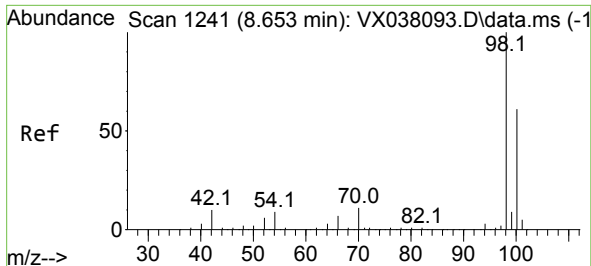
Tgt Ion:117 Resp: 13450
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.200 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

Tgt Ion: 41 Resp: 372
Ion Ratio Lower Upper
41 100
69 64.2 59.2 88.8
39 51.3 47.7 71.5





#50

Toluene-d8

Concen: 45.920 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.007 min

Lab File: VX038407.D

Acq: 20 Oct 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

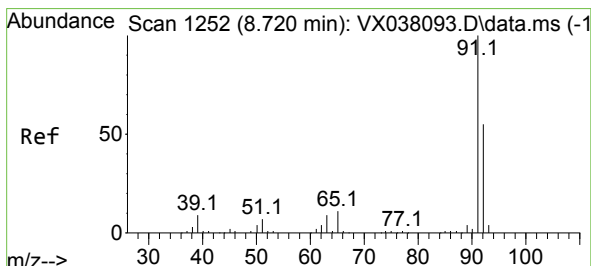
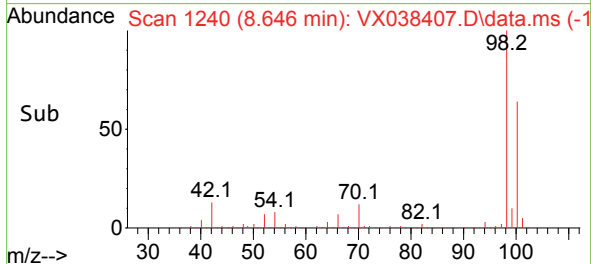
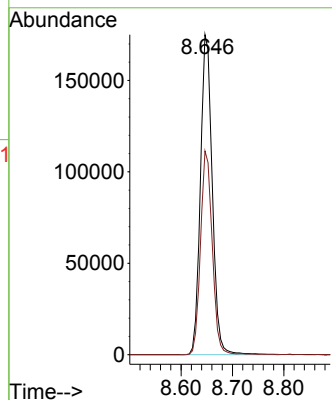
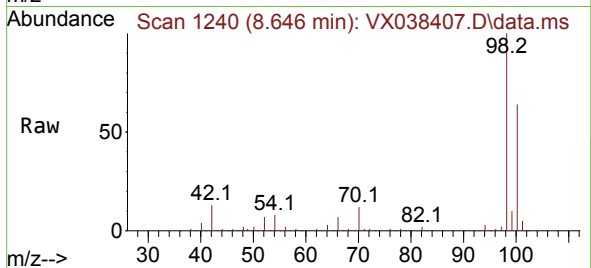
GWOW-BR-06-230-250-101923

Tgt Ion: 98 Resp: 279495

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7



#52

Toluene

Concen: 4.310 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038407.D

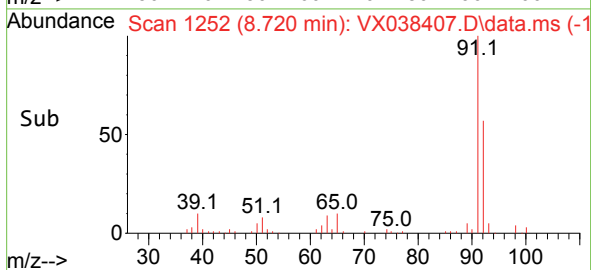
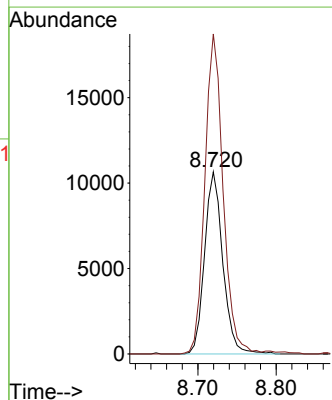
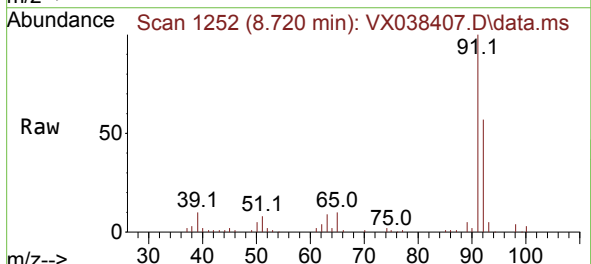
Acq: 20 Oct 2023 17:02

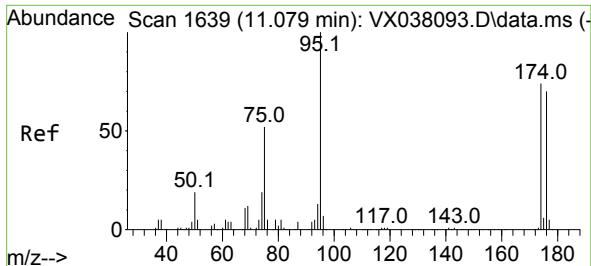
Tgt Ion: 92 Resp: 17248

Ion Ratio Lower Upper

92 100

91 175.2 134.2 201.2

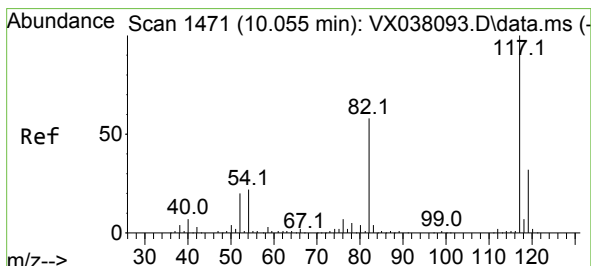
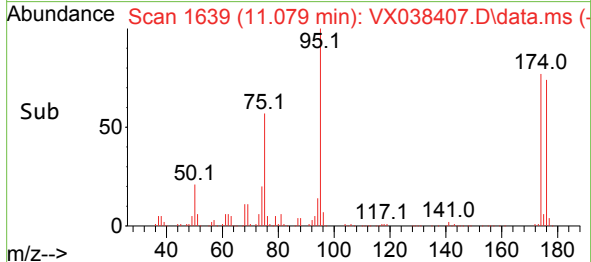
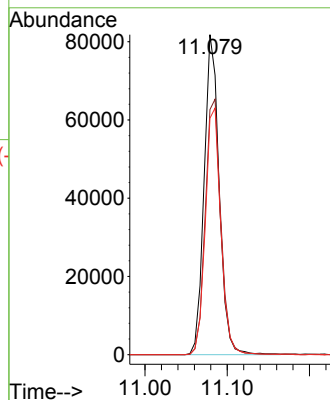
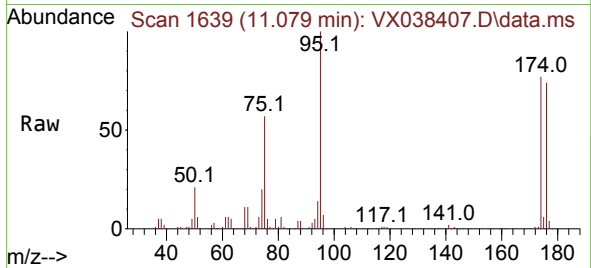




#62
4-Bromofluorobenzene
Concen: 45.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

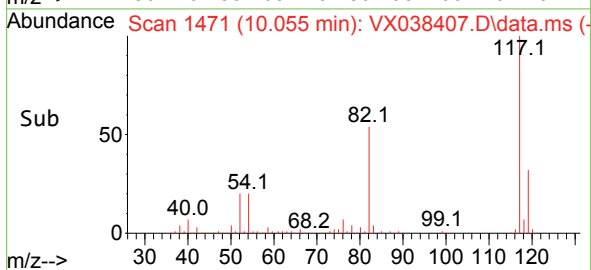
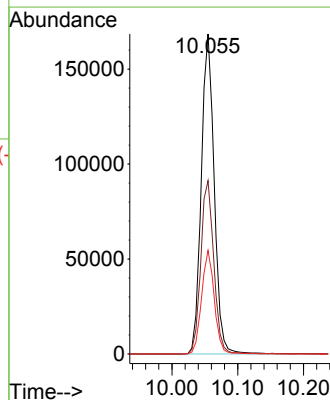
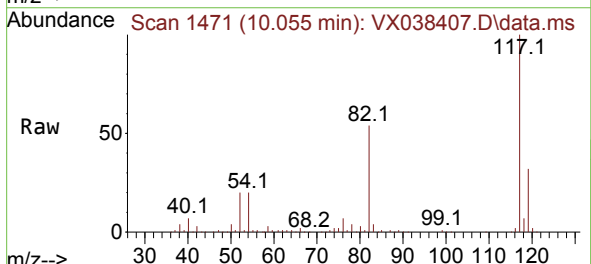
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-230-250-101923

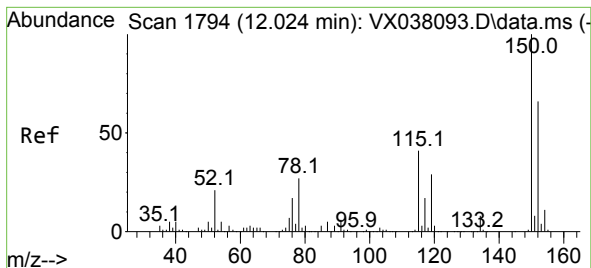
Tgt Ion: 95 Resp: 103873
Ion Ratio Lower Upper
95 100
174 83.1 0.0 135.6
176 79.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038407.D
Acq: 20 Oct 2023 17:02

Tgt Ion: 117 Resp: 229775
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038407.D

Acq: 20 Oct 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-06-230-250-101923

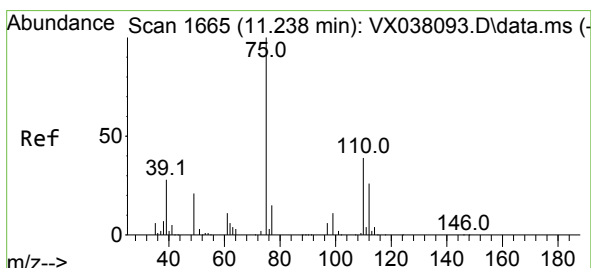
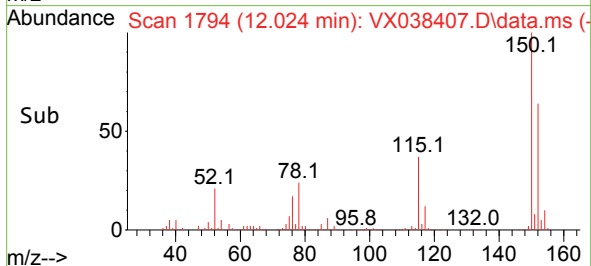
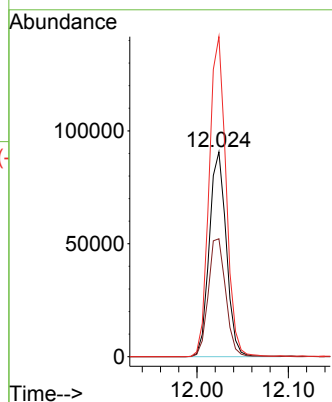
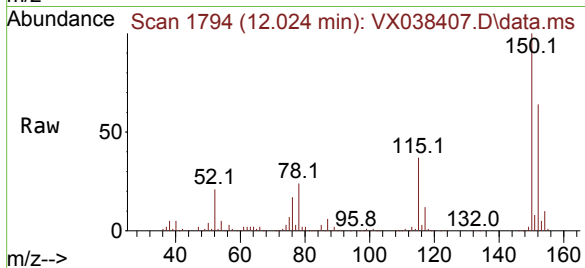
Tgt Ion:152 Resp: 117460

Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 155.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.351 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038407.D

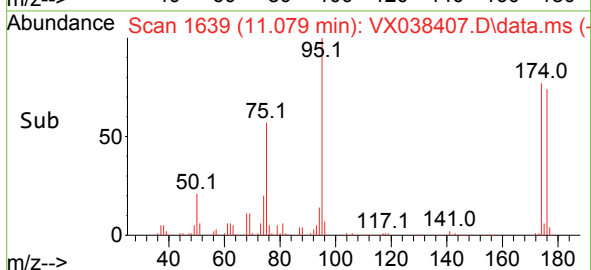
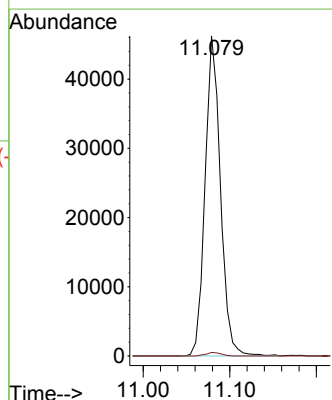
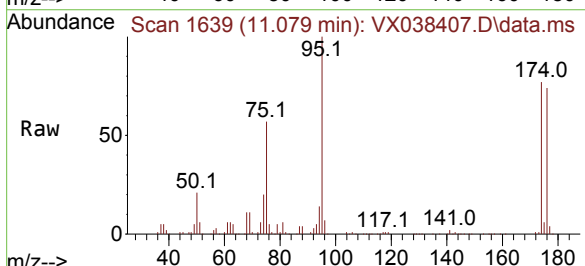
Acq: 20 Oct 2023 17:02

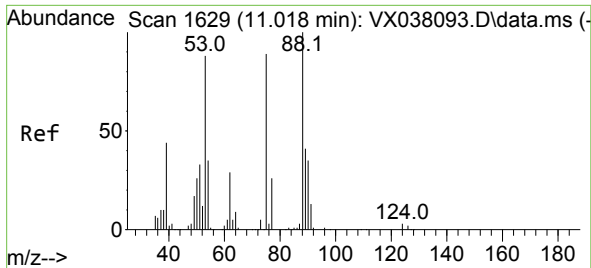
Tgt Ion: 75 Resp: 57014

Ion Ratio Lower Upper

75 100

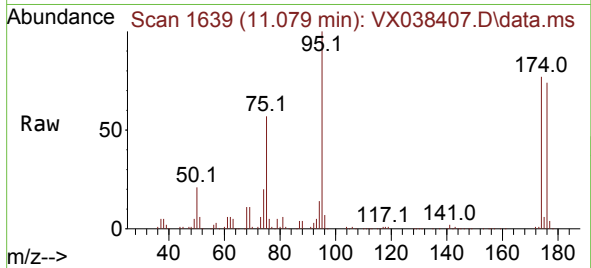
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.348 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038407.D
 Acq: 20 Oct 2023 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-06-230-250-101923



Tgt Ion: 75 Resp: 57014
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

