

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038318.D
 Acq On : 17 Oct 2023 10:41
 Operator : JC/MD
 Sample : VX1017MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 03:54:01 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)

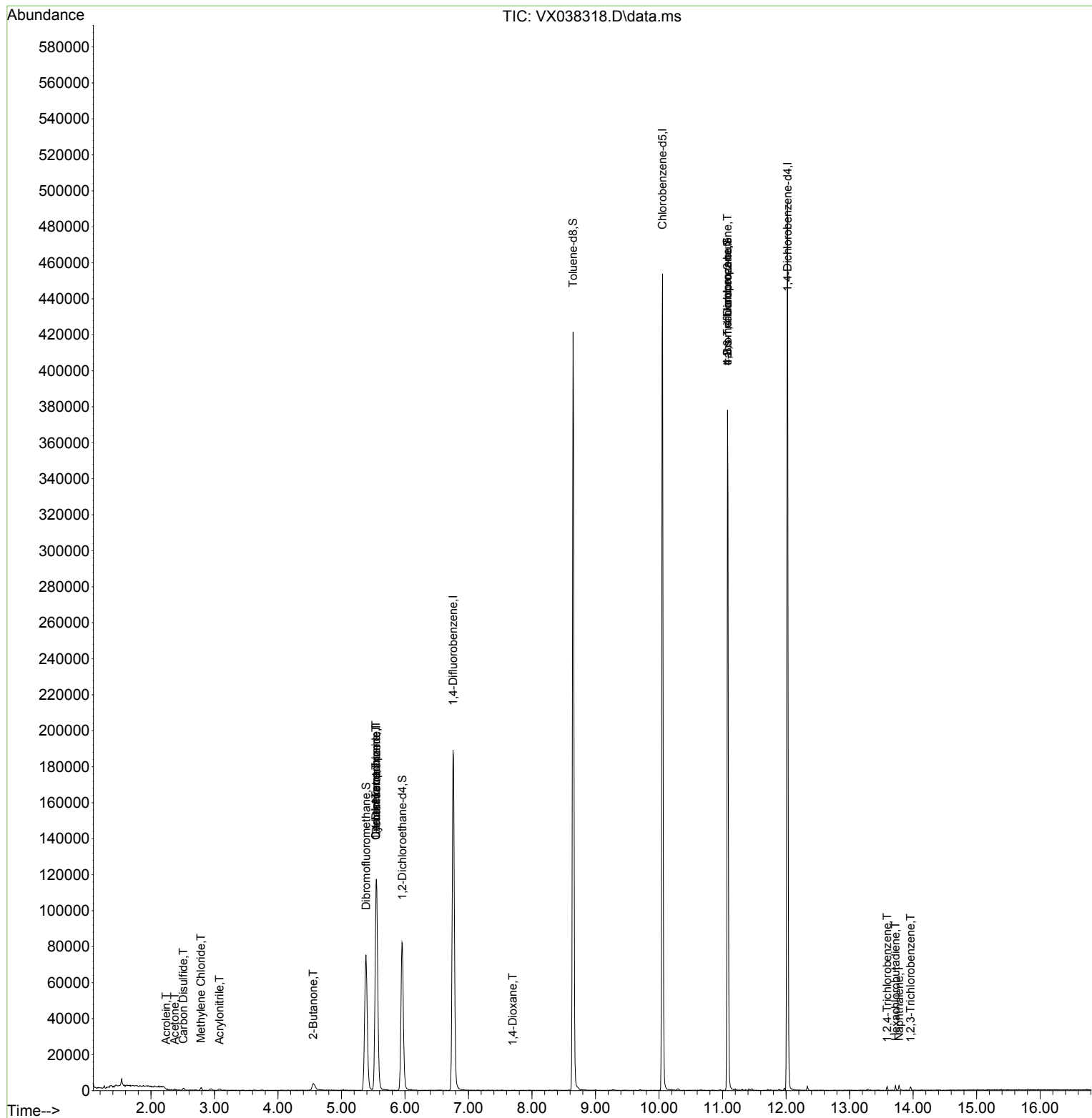
Internal Standards						
1) Pentafluorobenzene	5.550	168	110149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80518	45.447	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.900%		
35) Dibromofluoromethane	5.385	113	64818	45.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.820%		
50) Toluene-d8	8.647	98	249789	46.304	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.600%		
62) 4-Bromofluorobenzene	11.079	95	93601	45.768	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.540%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	112	Below Cal	#	45
6) Chloroethane	1.672	64	67	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	673	Below Cal	#	78
13) Acrolein	2.239	56	68	0.270	ug/l #	1
15) Acrylonitrile	3.081	53	498	0.618	ug/l #	89
16) Acetone	2.373	43	525	0.710	ug/l	100
17) Carbon Disulfide	2.508	76	1272	0.438	ug/l #	76
20) Methylene Chloride	2.788	84	643	0.462	ug/l #	60
25) 2-Butanone	4.556	43	380	0.319	ug/l #	51
31) Cyclohexane	5.544	56	2816	1.467	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	8786	4.513	ug/l #	50
38) Carbon Tetrachloride	5.544	117	11610	6.062	ug/l #	14
49) 1,4-Dioxane	7.696	88	20	0.493	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	51804	21.630	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51804	62.096	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	707	0.317	ug/l	74
94) Hexachlorobutadiene	13.725	225	499	0.555	ug/l	92
95) Naphthalene	13.780	128	2083	0.268	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	657	0.304	ug/l	96

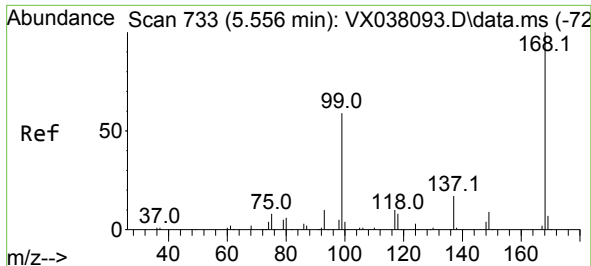
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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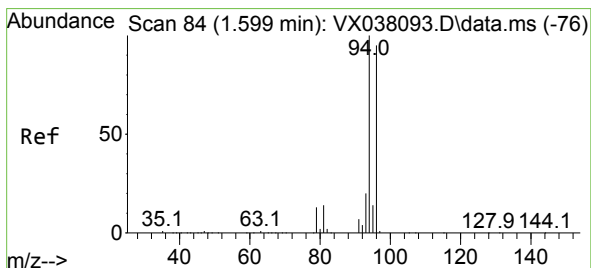
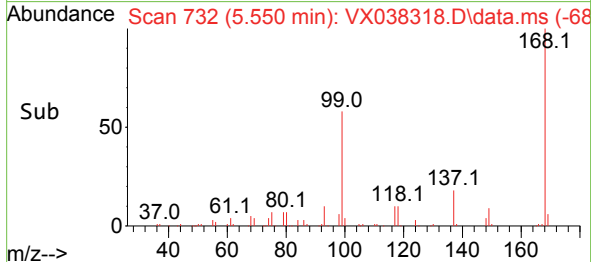
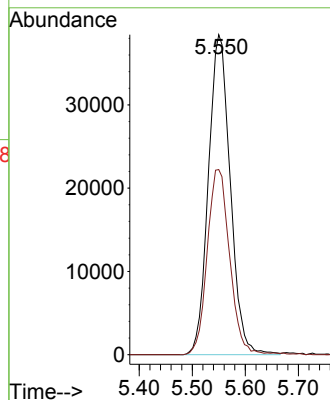
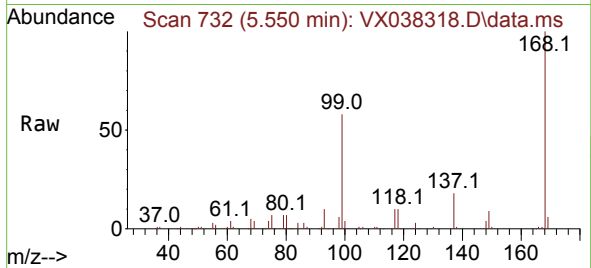




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

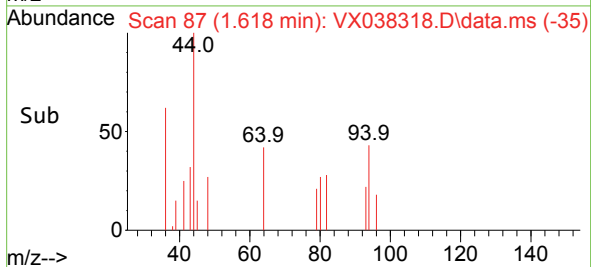
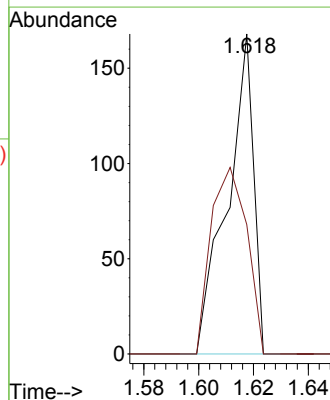
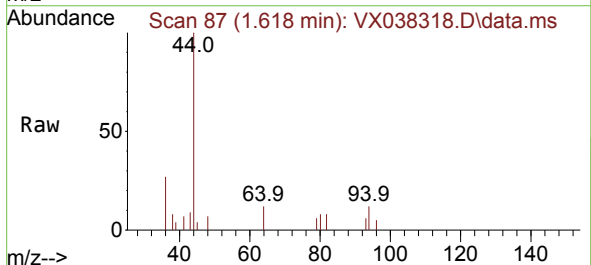
Instrument :
MSVOA_X
ClientSampleId :

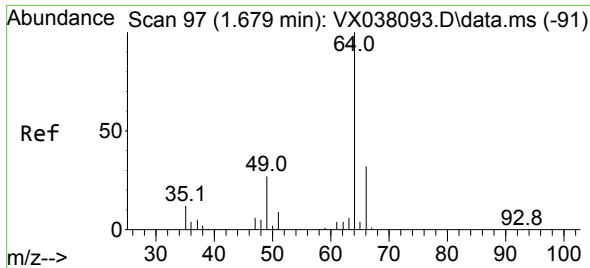
Tgt Ion:168 Resp: 110149
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

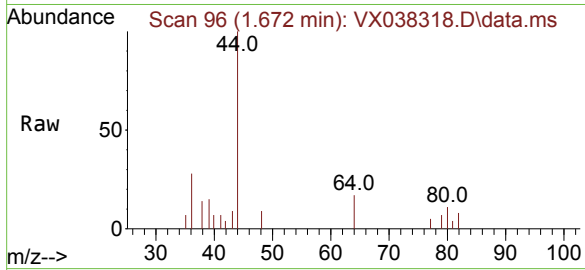
Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 40.5 74.6 111.8#



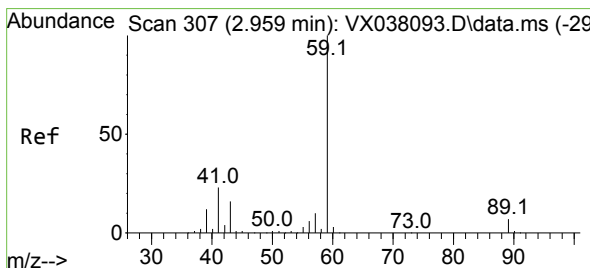
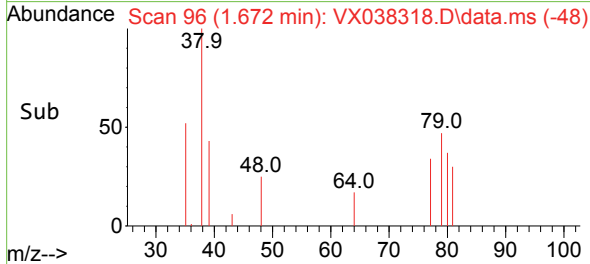
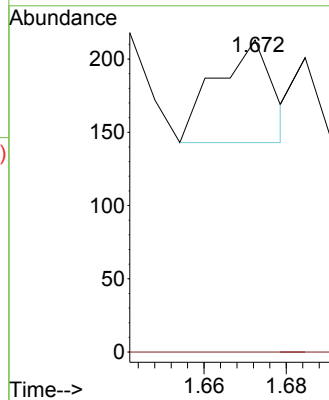


#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :

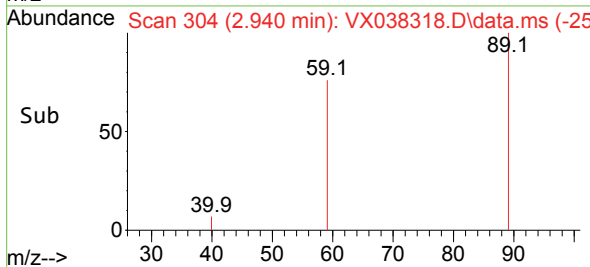
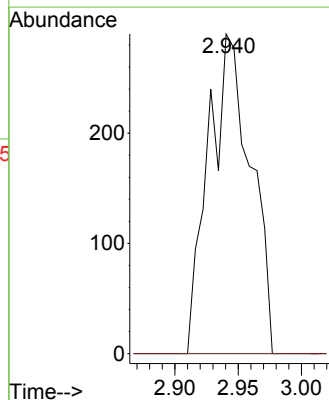
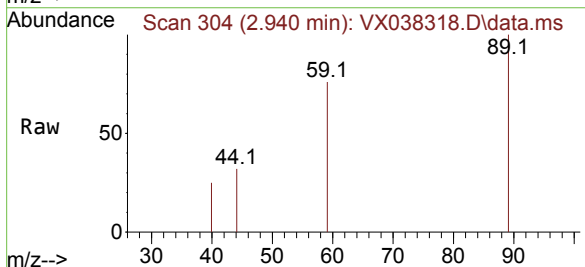


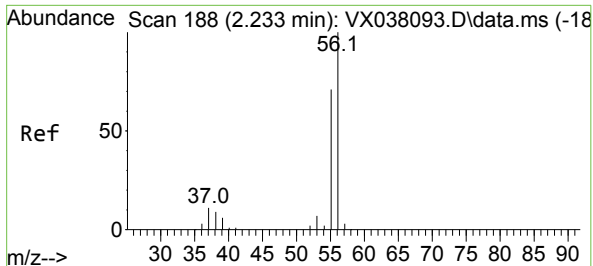
Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

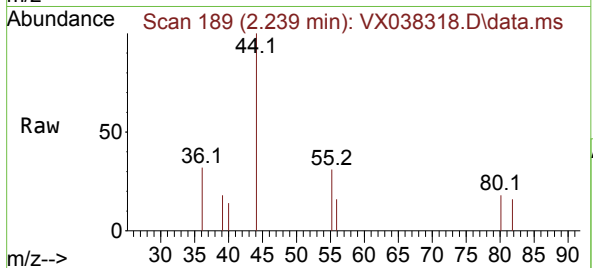
Tgt Ion: 59 Resp: 673
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



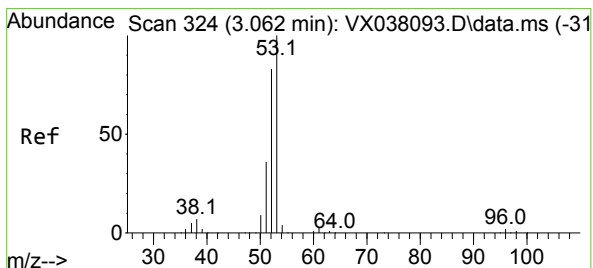
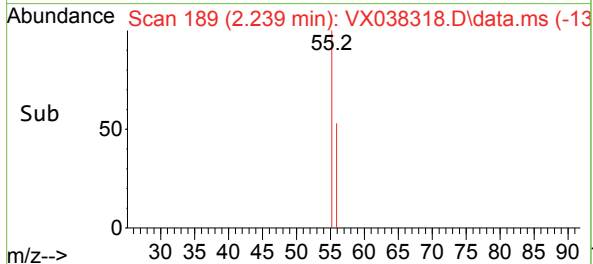
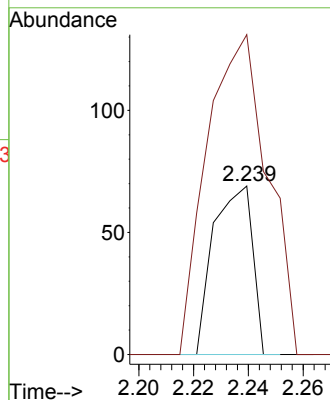


#13
Acrolein
Concen: 0.270 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :

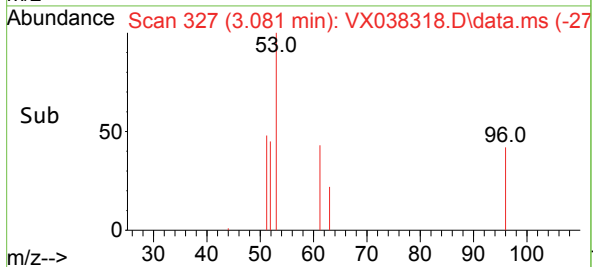
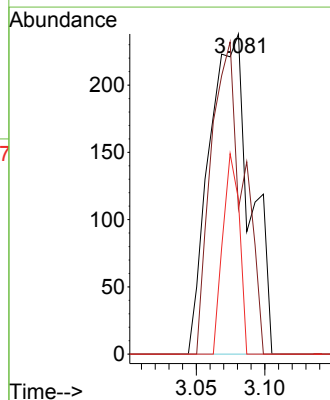
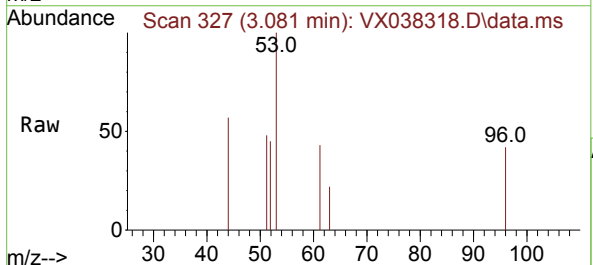


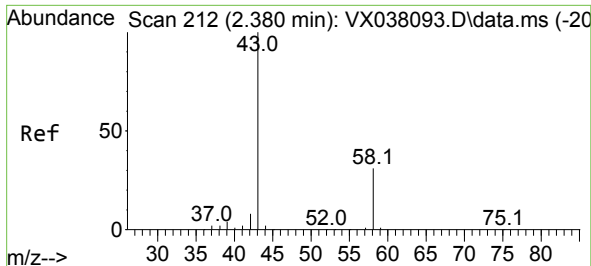
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 297.1 57.1 85.7#



#15
Acrylonitrile
Concen: 0.618 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.019 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Tgt Ion: 53 Resp: 498
Ion Ratio Lower Upper
53 100
52 76.1 66.0 99.0
51 25.1 29.8 44.6#





#16

Acetone

Concen: 0.710 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038318.D

Acq: 17 Oct 2023 10:41

Instrument :

MSVOA_X

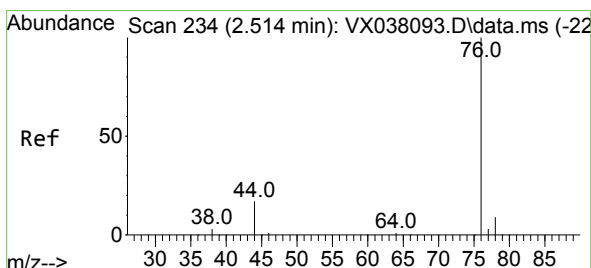
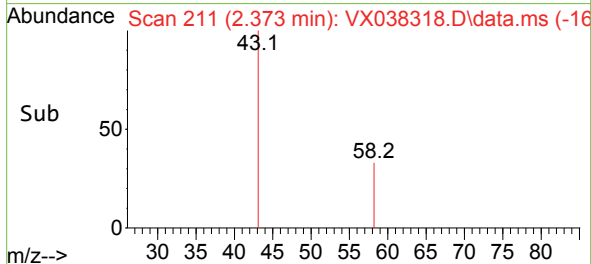
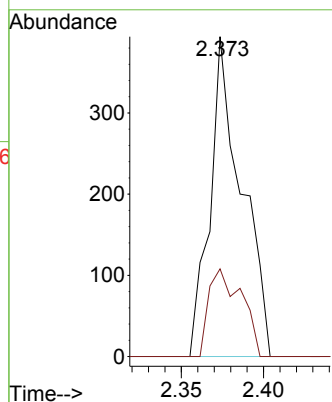
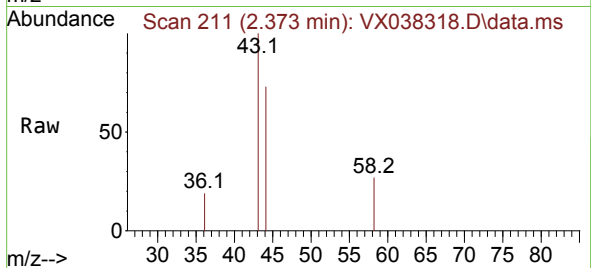
ClientSampleId :

Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

58 27.4 21.9 32.9



#17

Carbon Disulfide

Concen: 0.438 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX038318.D

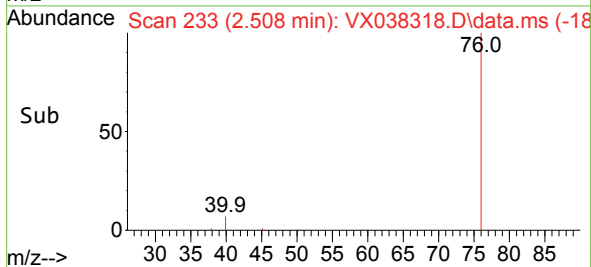
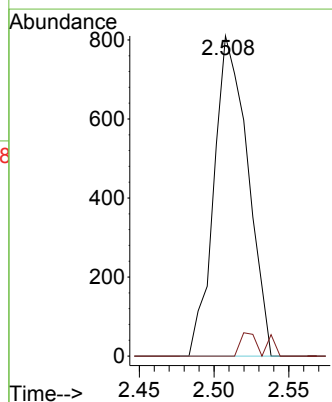
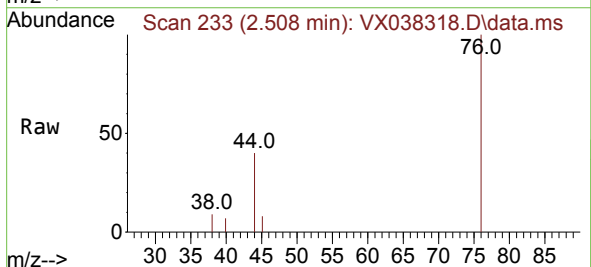
Acq: 17 Oct 2023 10:41

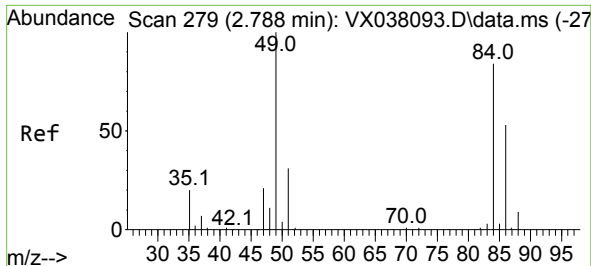
Tgt Ion: 76 Resp: 1272

Ion Ratio Lower Upper

76 100

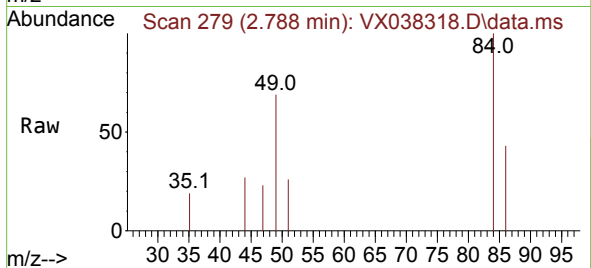
78 0.0 7.0 10.6#





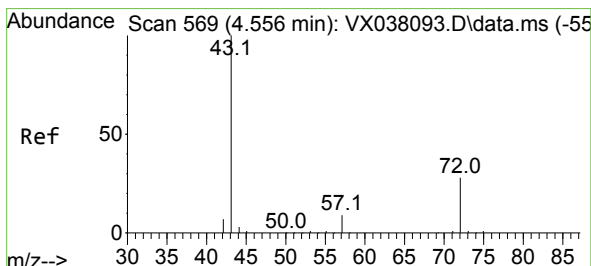
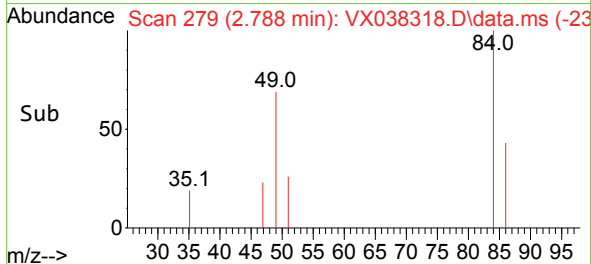
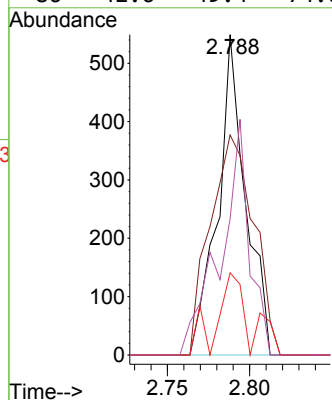
#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 643

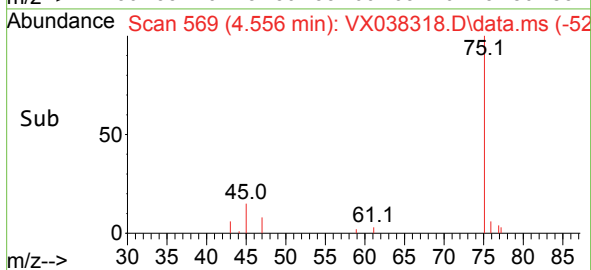
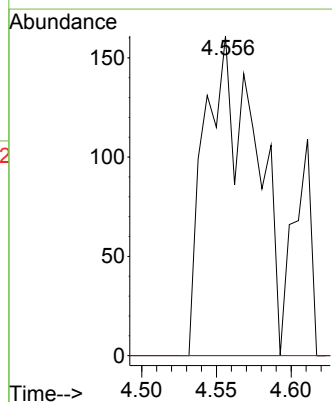
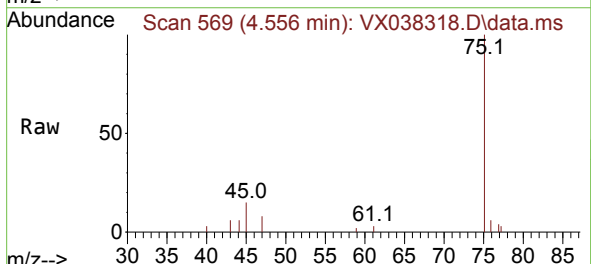
Ion	Ratio	Lower	Upper
84	100		
49	68.7	103.6	155.4#
51	25.7	33.8	50.6#
86	42.6	49.4	74.0#

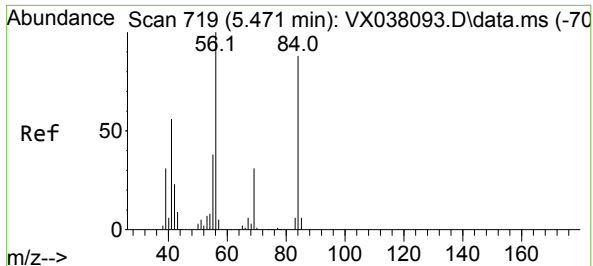


#25
2-Butanone
Concen: 0.319 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Tgt Ion: 43 Resp: 380

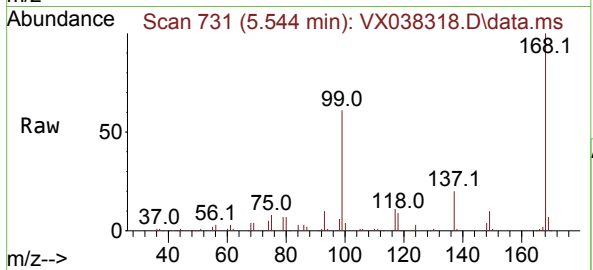
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



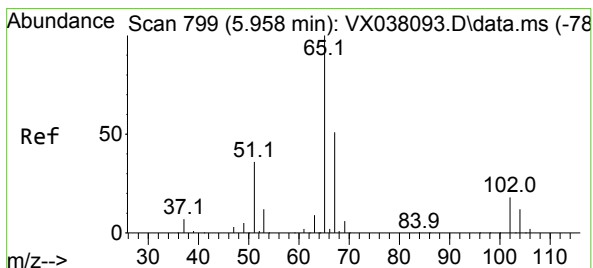
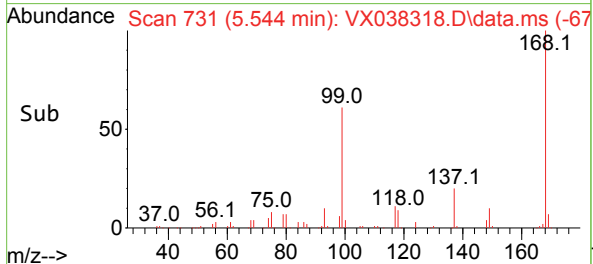
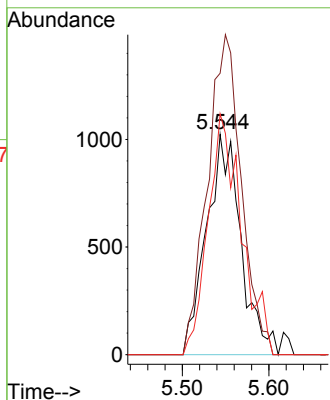


#31
Cyclohexane
Concen: 1.467 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Instrument :
MSVOA_X
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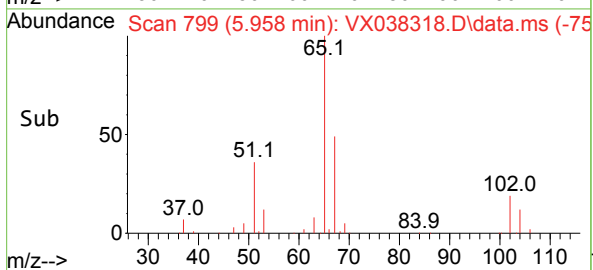
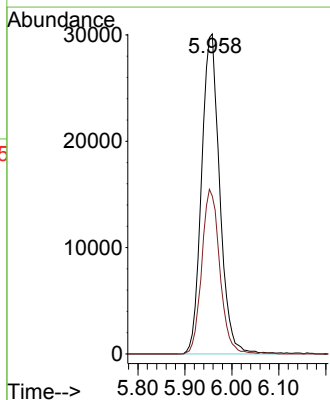
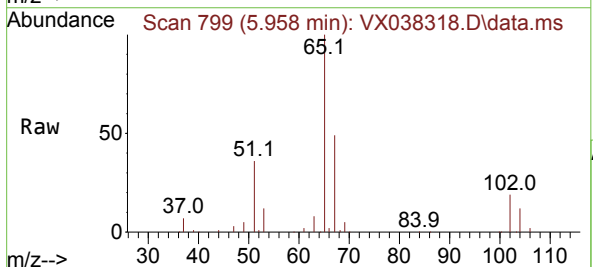


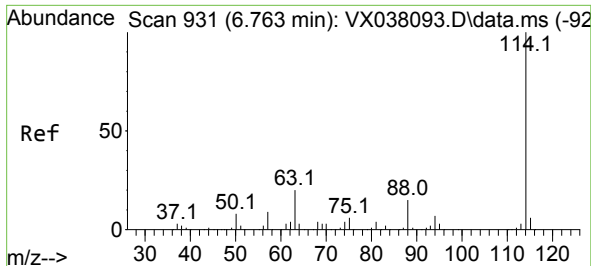
Tgt Ion: 56 Resp: 2816
Ion Ratio Lower Upper
56 100
69 127.7 23.4 35.2#
84 109.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.447 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Tgt Ion: 65 Resp: 80518
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

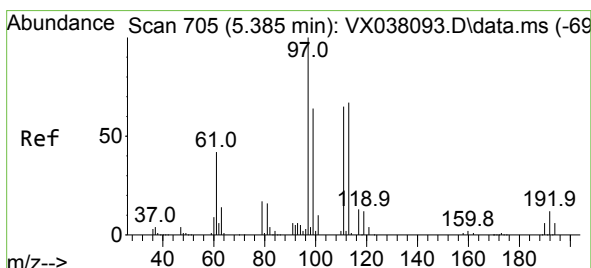
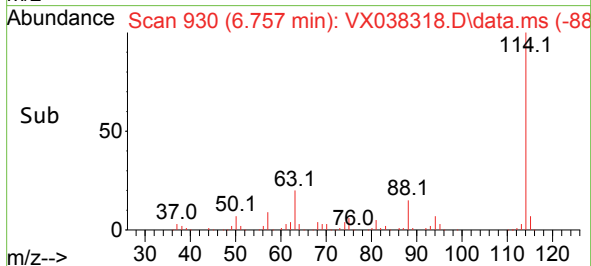
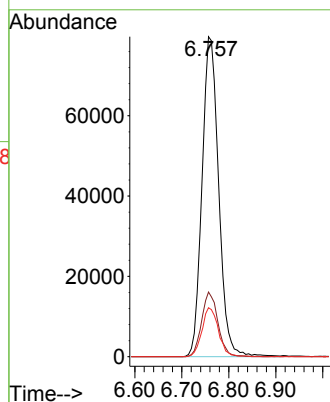
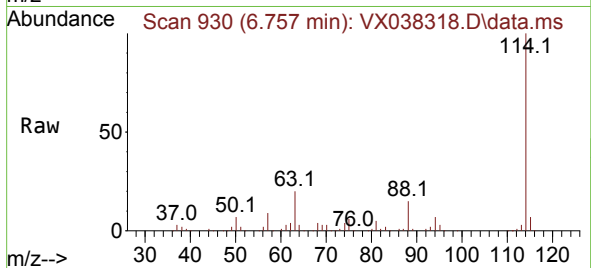




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

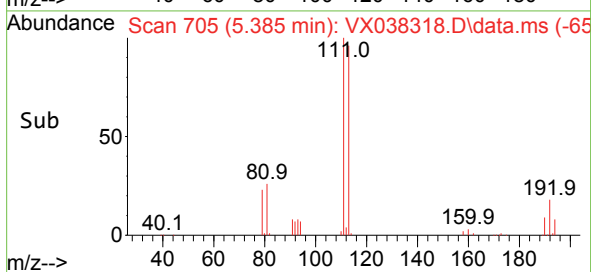
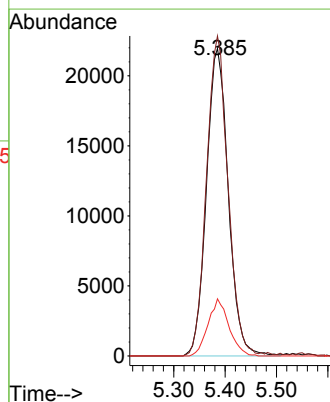
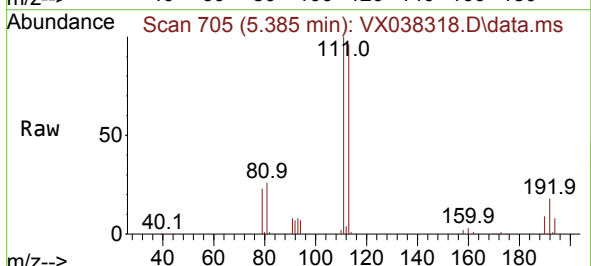
Instrument :
MSVOA_X
ClientSampleId :

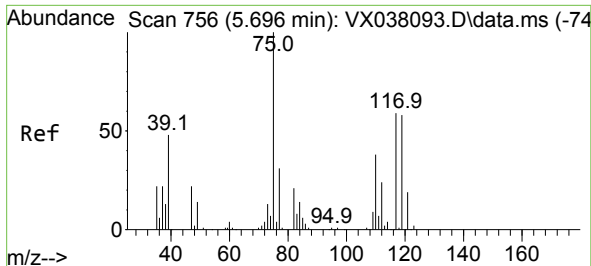
Tgt Ion:114 Resp: 195918
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.914 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Tgt Ion:113 Resp: 64818
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.8 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.513 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

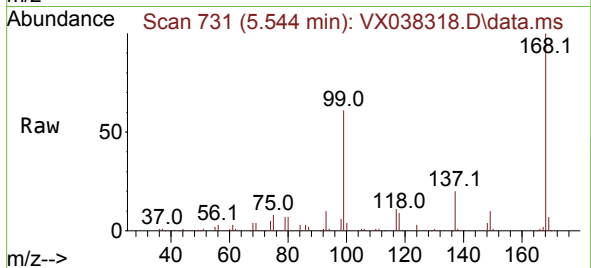
Lab File: VX038318.D

Acq: 17 Oct 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :



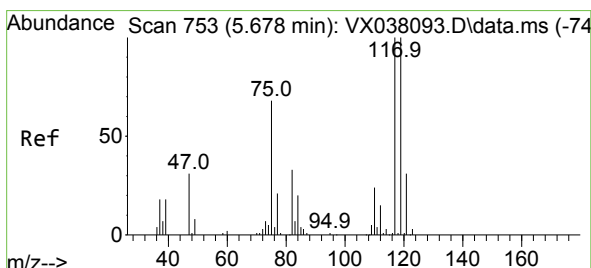
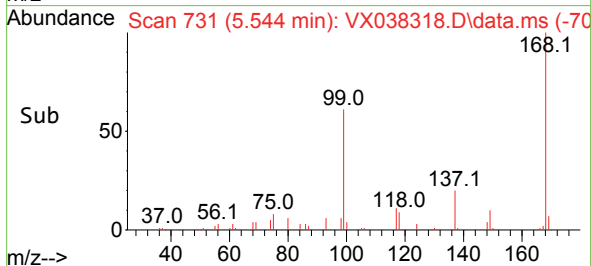
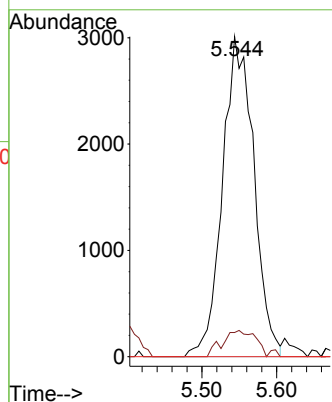
Tgt Ion: 75 Resp: 8786

Ion Ratio Lower Upper

75 100

110 8.6 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.062 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX038318.D

Acq: 17 Oct 2023 10:41

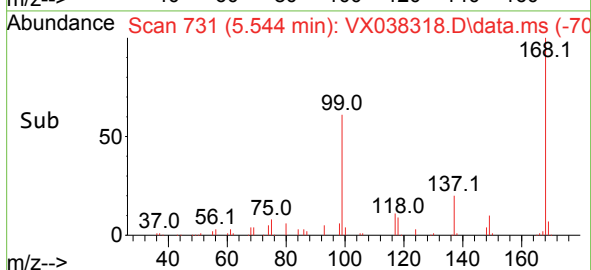
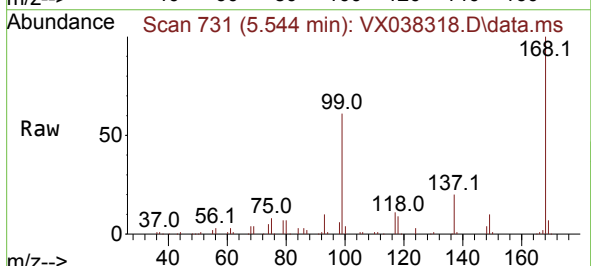
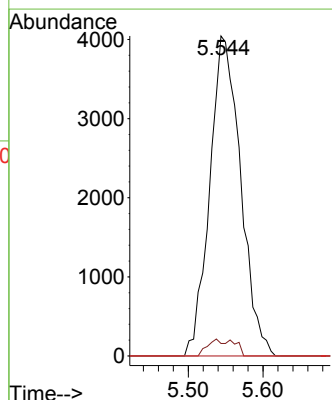
Tgt Ion: 117 Resp: 11610

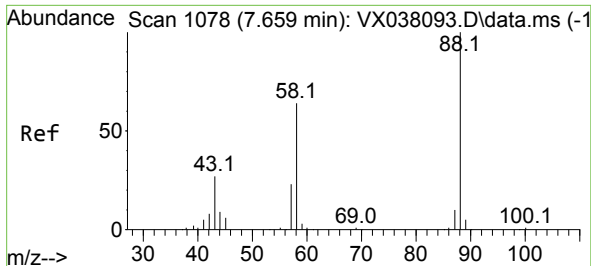
Ion Ratio Lower Upper

117 100

119 3.9 78.2 117.2#

121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 0.493 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.037 min

Lab File: VX038318.D

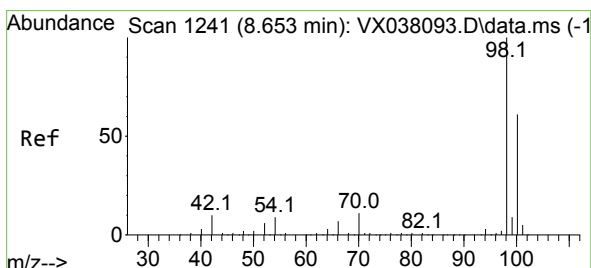
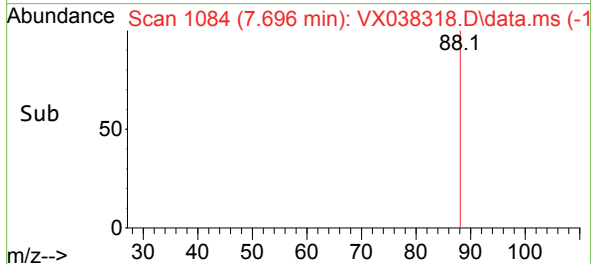
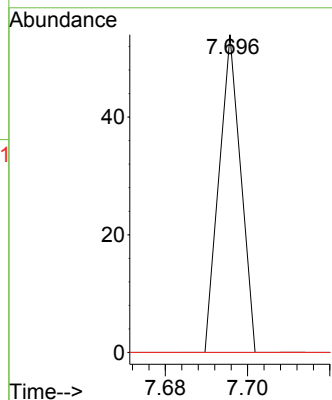
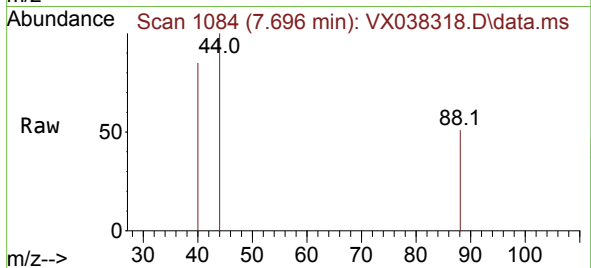
Acq: 17 Oct 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp: 20
Ion Ratio	Lower Upper
88 100	
43 0.0	0.0 0.0
58 0.0	60.1 90.1#



#50

Toluene-d8

Concen: 46.304 ug/l

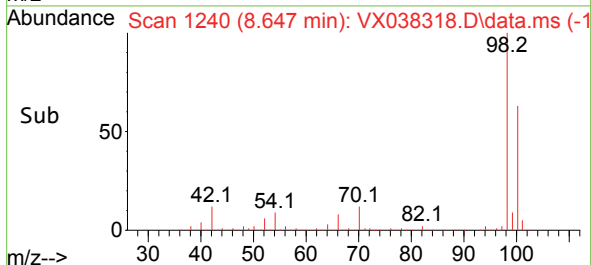
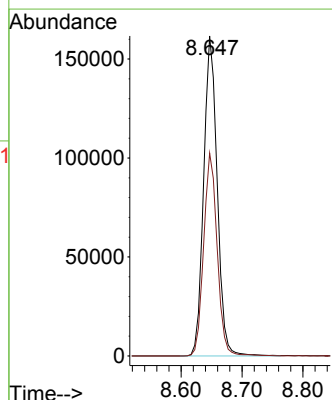
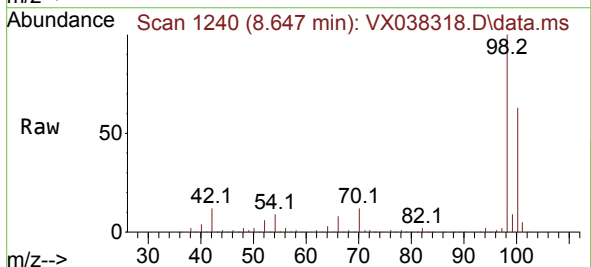
RT: 8.647 min Scan# 1240

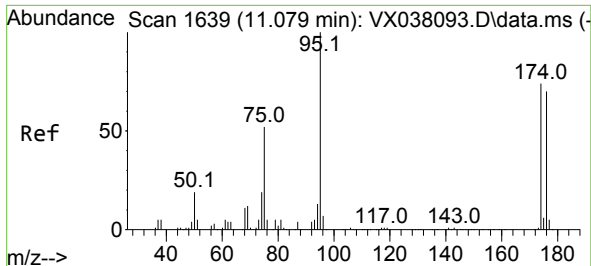
Delta R.T. -0.006 min

Lab File: VX038318.D

Acq: 17 Oct 2023 10:41

Tgt Ion: 98	Resp: 249789
Ion Ratio	Lower Upper
98 100	
100 63.4	53.1 79.7

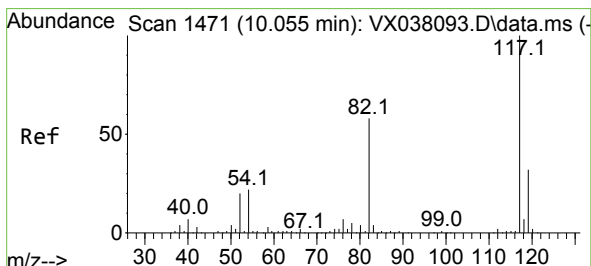
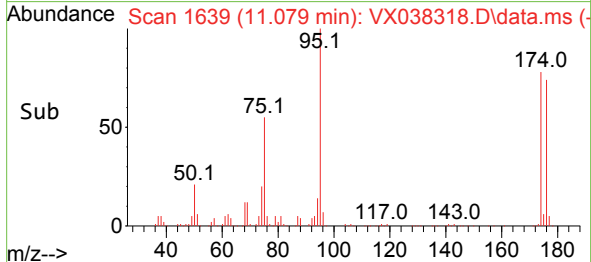
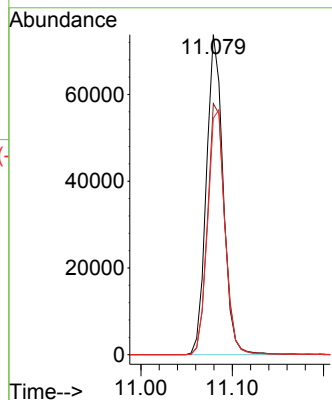
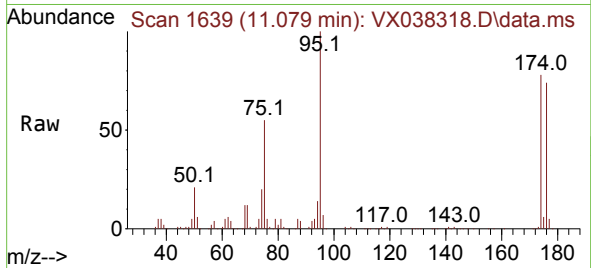




#62
4-Bromofluorobenzene
Concen: 45.768 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

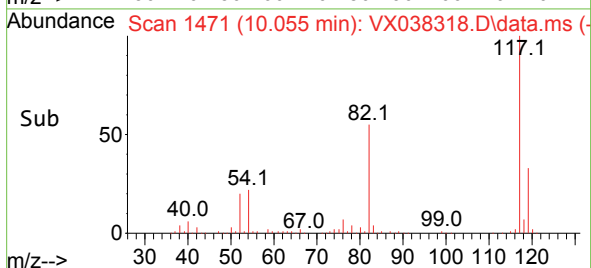
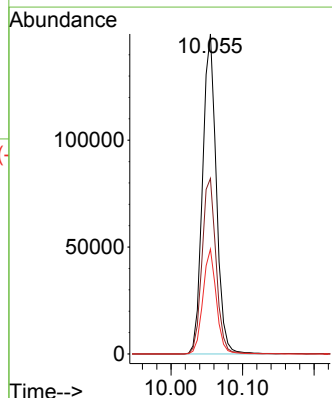
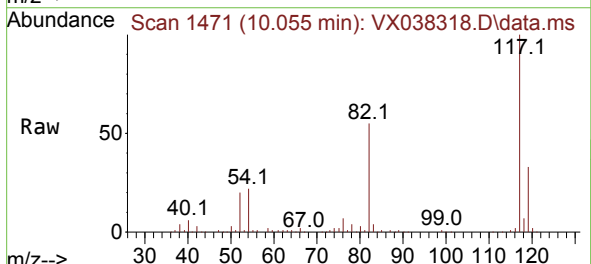
Instrument :
MSVOA_X
ClientSampleId :

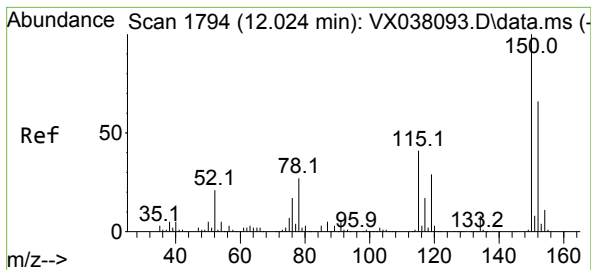
Tgt Ion: 95 Resp: 93601
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 79.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038318.D
Acq: 17 Oct 2023 10:41

Tgt Ion: 117 Resp: 199745
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.7 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: VX038318.D

Acq: 17 Oct 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :

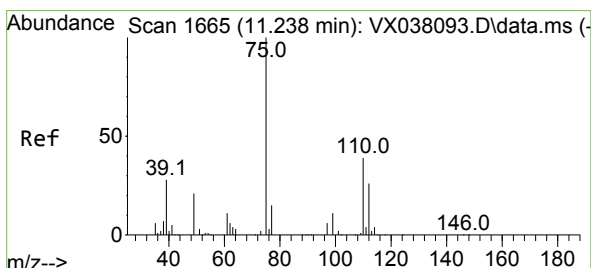
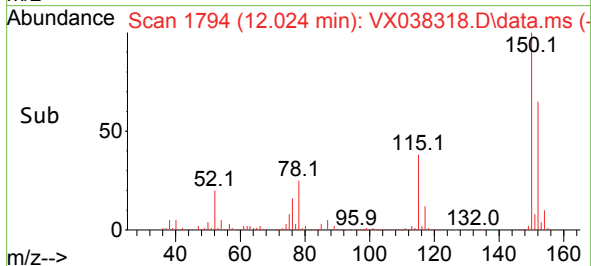
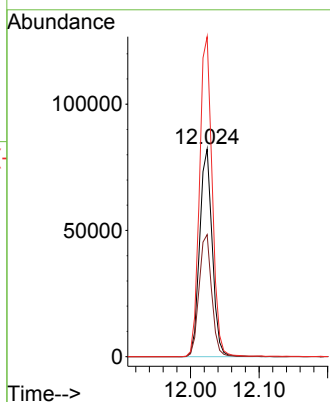
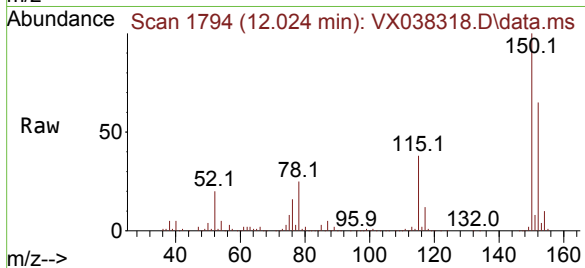
Tgt Ion:152 Resp: 105352

Ion Ratio Lower Upper

152 100

115 59.1 43.3 129.9

150 155.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.630 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038318.D

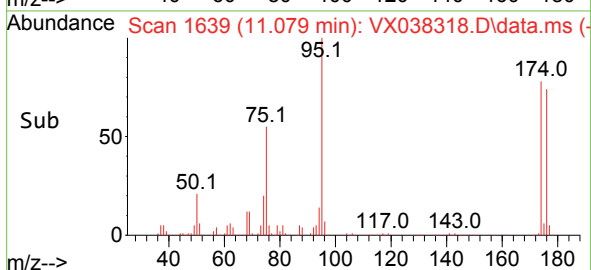
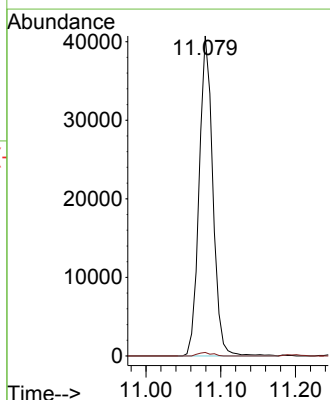
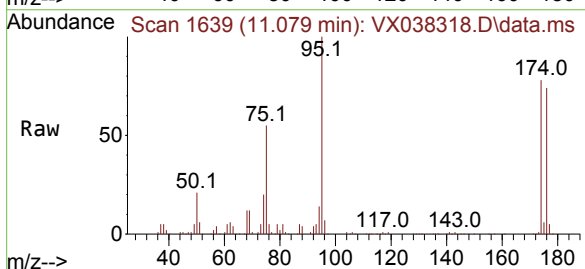
Acq: 17 Oct 2023 10:41

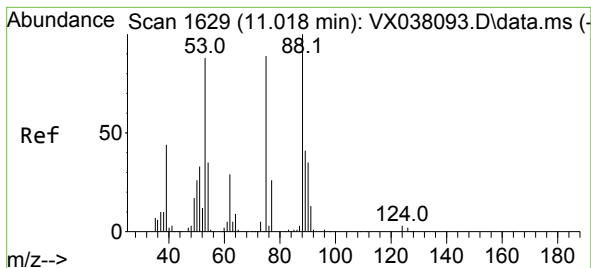
Tgt Ion: 75 Resp: 51804

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

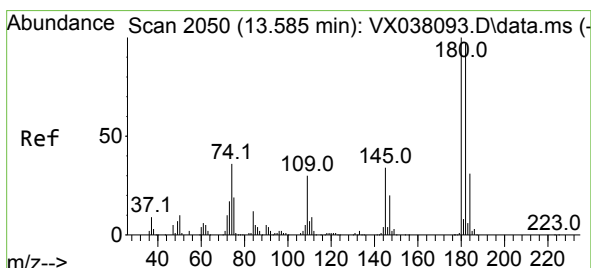
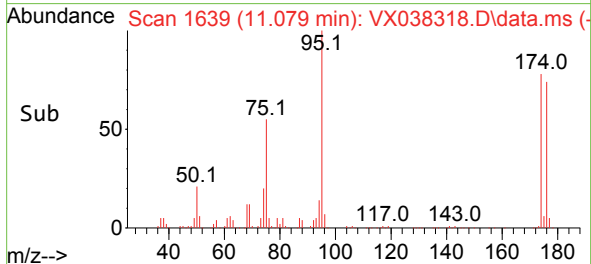
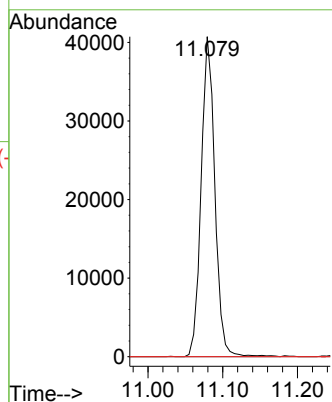
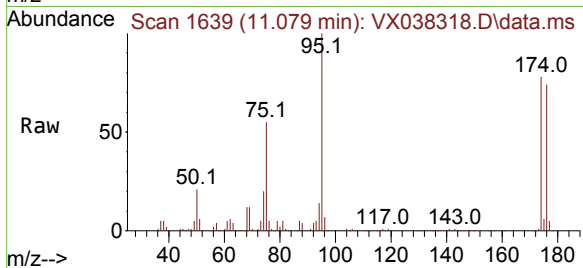




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.096 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038318.D
 Acq: 17 Oct 2023 10:41

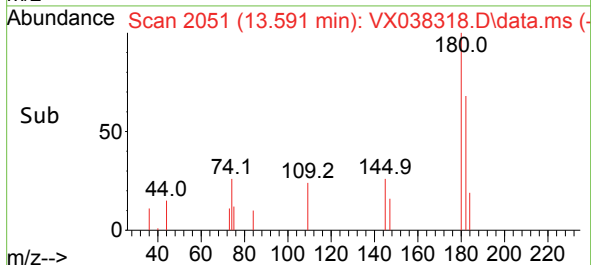
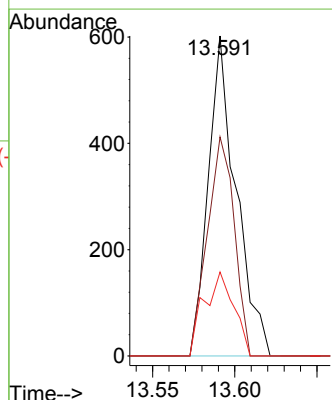
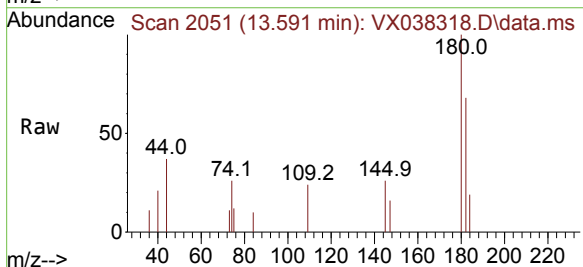
Instrument :
 MSVOA_X
 ClientSampleId :

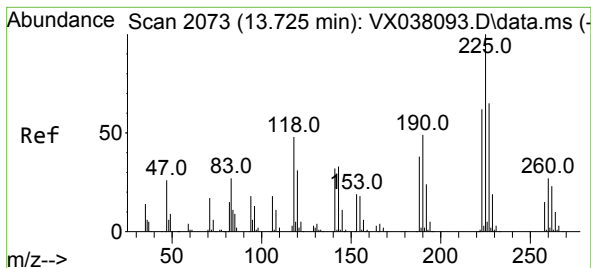
Tgt Ion: 75 Resp: 51804
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.317 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038318.D
 Acq: 17 Oct 2023 10:41

Tgt Ion:180 Resp: 707
 Ion Ratio Lower Upper
 180 100
 182 66.1 48.3 144.8
 145 28.0 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.555 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038318.D

Acq: 17 Oct 2023 10:41

Instrument :

MSVOA_X

ClientSampleId :

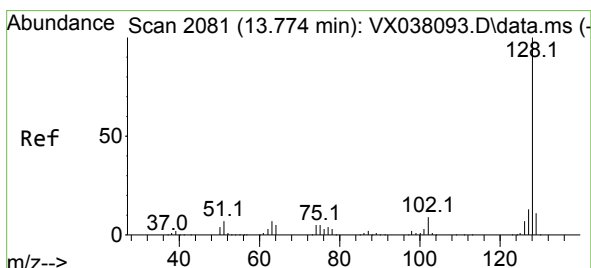
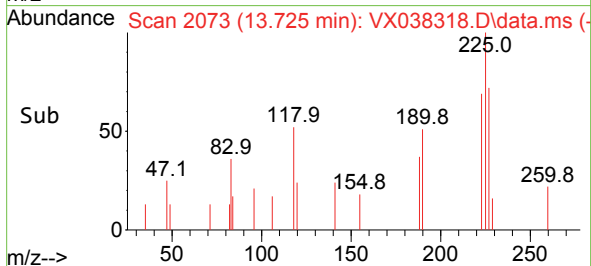
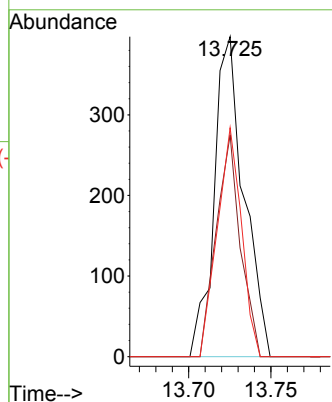
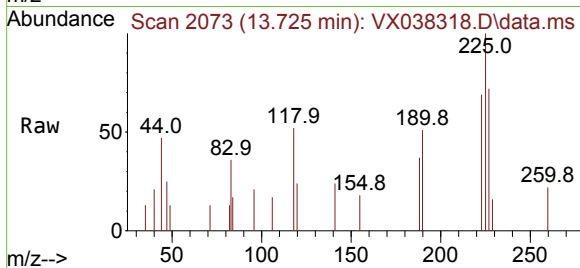
Tgt Ion:225 Resp: 499

Ion Ratio Lower Upper

225 100

223 56.5 31.1 93.2

227 58.3 32.5 97.5



#95

Naphthalene

Concen: 0.268 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX038318.D

Acq: 17 Oct 2023 10:41

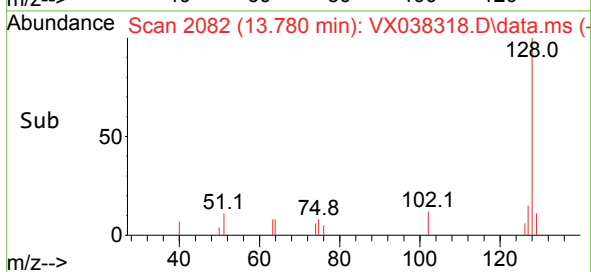
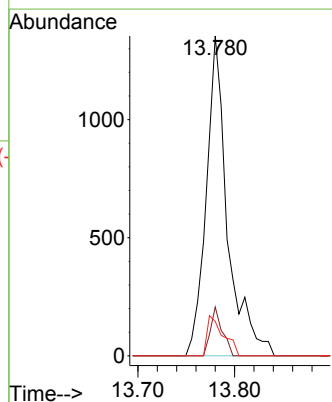
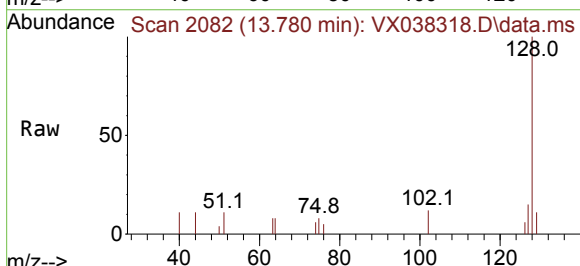
Tgt Ion:128 Resp: 2083

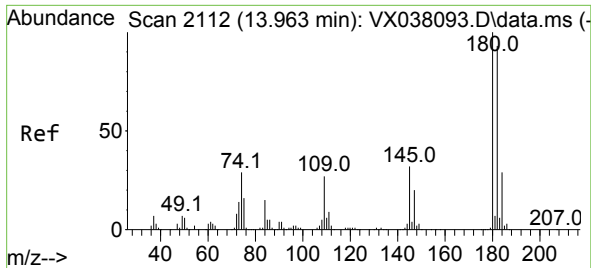
Ion Ratio Lower Upper

128 100

127 8.4 10.3 15.5#

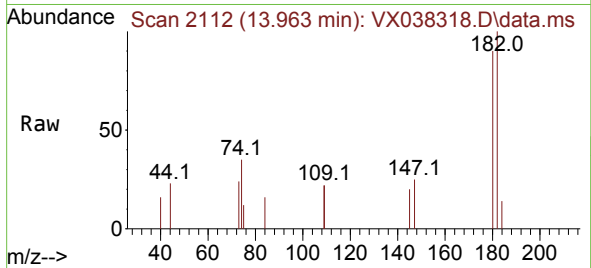
129 9.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.304 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038318.D
 Acq: 17 Oct 2023 10:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	657
Ion	Ratio	Lower	Upper
180	100		
182	88.7	46.9	140.6
145	34.4	17.8	53.5

