

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038392.D
 Acq On : 20 Oct 2023 10:06
 Operator : JC/MD
 Sample : VX1020MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020MBL01

Quant Time: Oct 21 01:25:35 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)

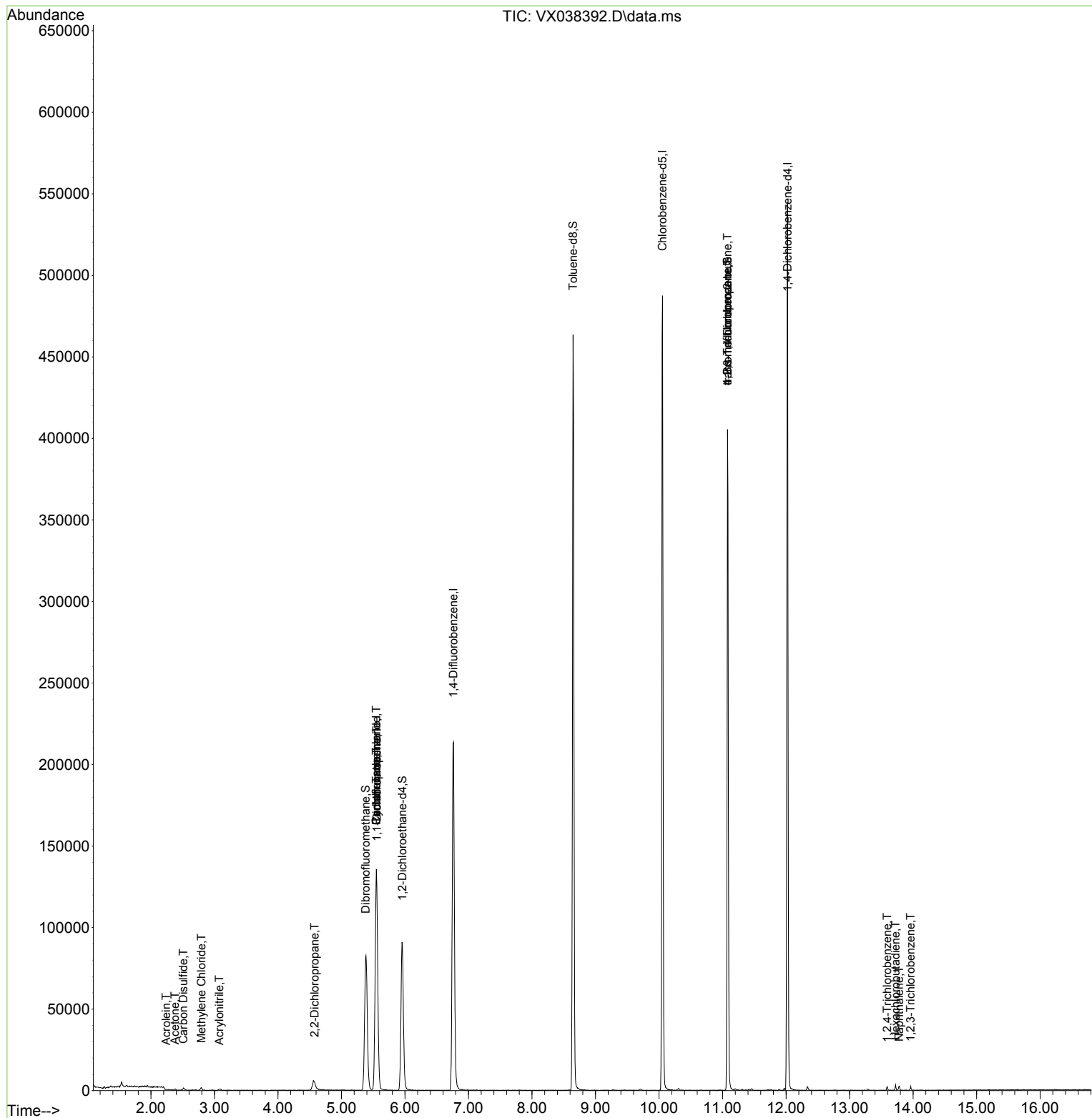
Internal Standards						
1) Pentafluorobenzene	5.550	168	124891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88454	44.033	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.060%		
35) Dibromofluoromethane	5.379	113	71492	45.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.040%		
50) Toluene-d8	8.647	98	276826	45.618	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.240%#		
62) 4-Bromofluorobenzene	11.079	95	103323	44.911	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.820%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	203	Below Cal	#	3
6) Chloroethane	1.660	64	53	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	156	Below Cal	#	78
13) Acrolein	2.239	56	135	0.473	ug/l	90
15) Acrylonitrile	3.074	53	507	0.555	ug/l #	84
16) Acetone	2.379	43	684	0.816	ug/l #	69
17) Carbon Disulfide	2.508	76	1478	0.449	ug/l	98
20) Methylene Chloride	2.794	84	793	0.503	ug/l #	80
26) 2,2-Dichloropropane	4.574	77	489	0.241	ug/l #	54
31) Cyclohexane	5.550	56	3225	1.482	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10692	4.882	ug/l #	52
38) Carbon Tetrachloride	5.550	117	12778	5.931	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	56076	21.920	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56076	62.875	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	662	0.277	ug/l	90
94) Hexachlorobutadiene	13.725	225	447	0.465	ug/l	96
95) Naphthalene	13.780	128	2017	0.243	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	747	0.323	ug/l	92

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

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Quant Time: Oct 21 01:25:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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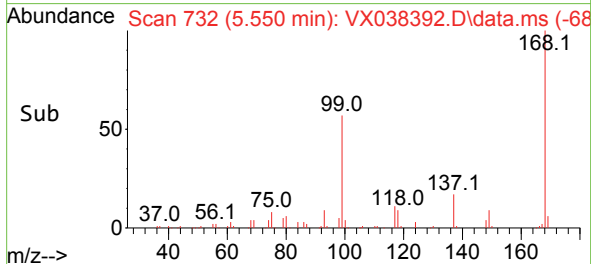
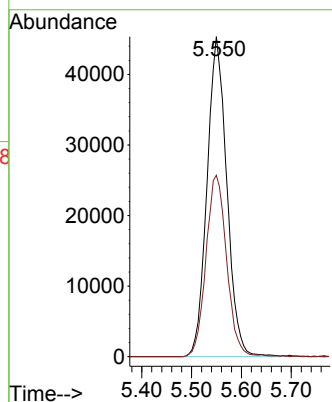
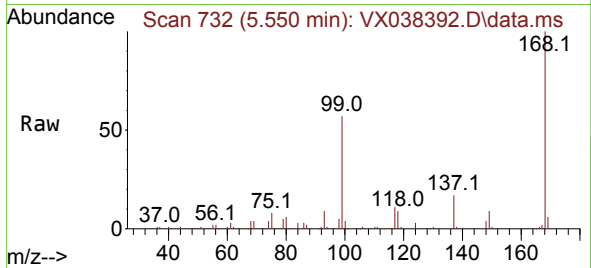




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

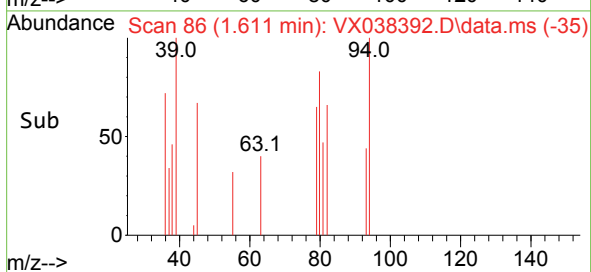
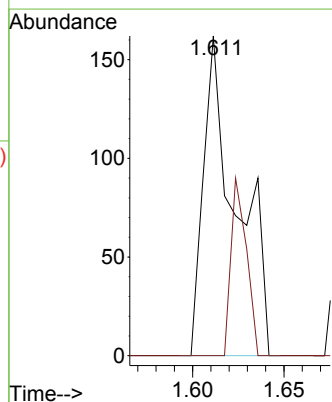
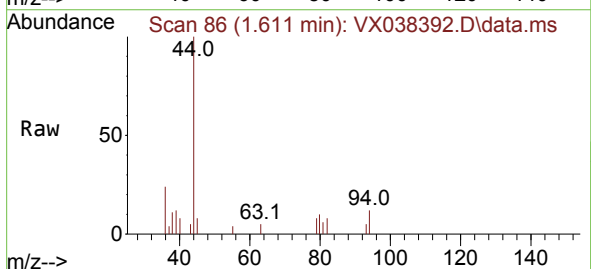
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:168 Resp: 124891
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

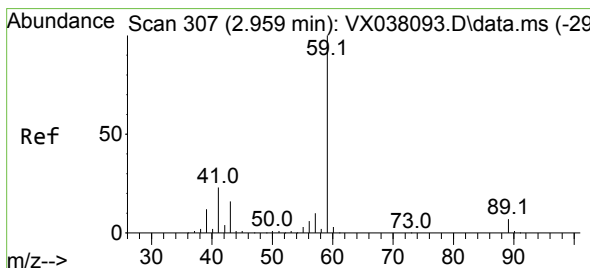
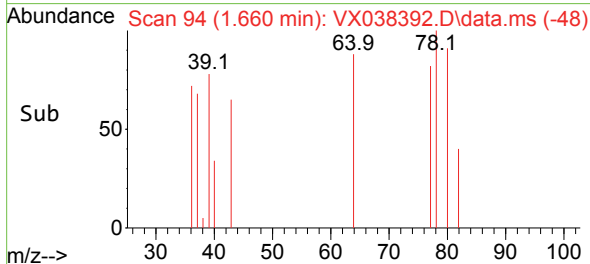
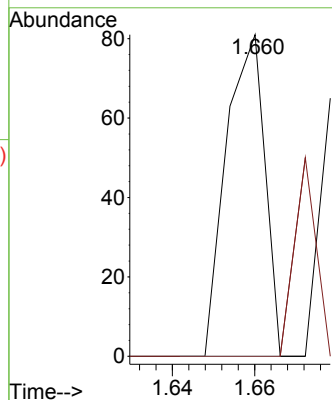
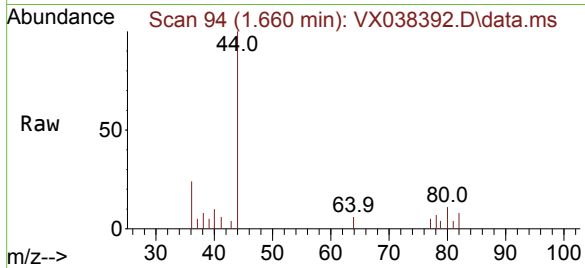




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

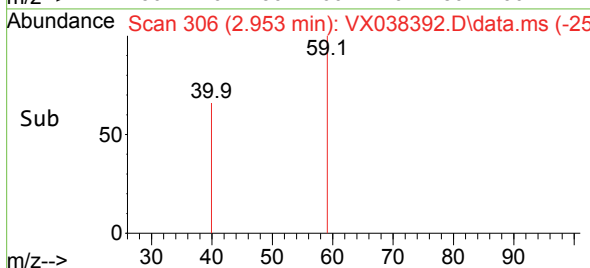
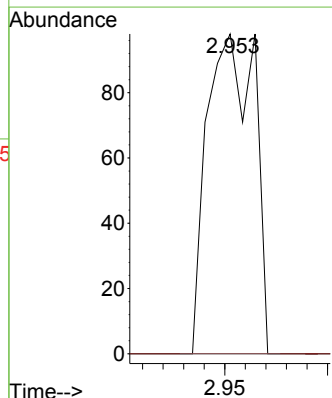
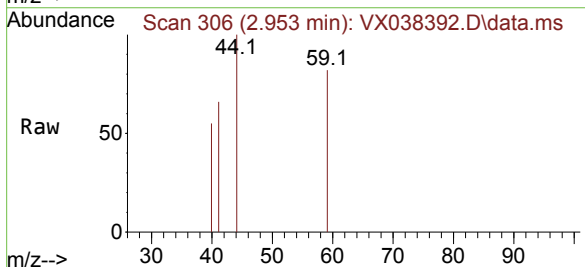
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

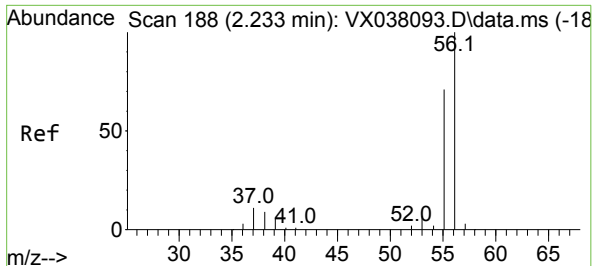
Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.473 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

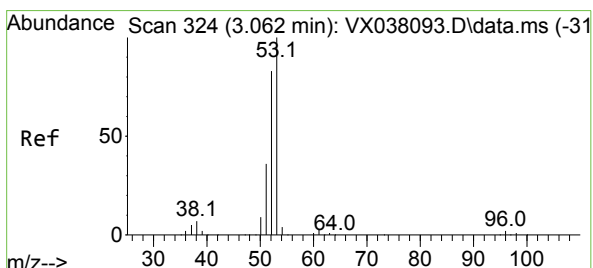
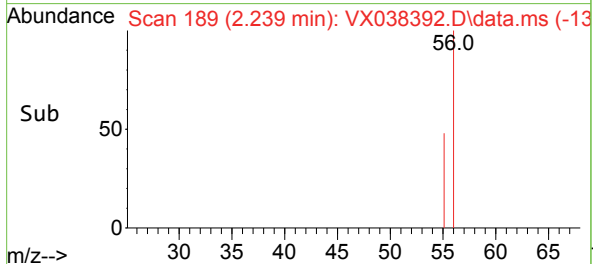
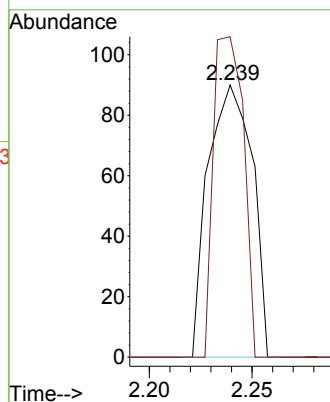
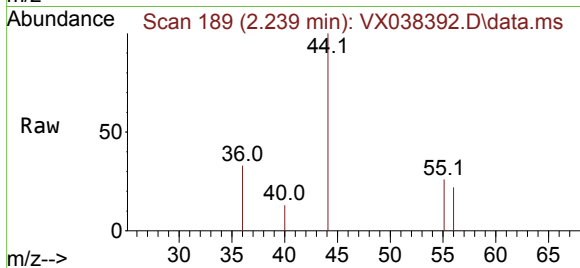
VX1020MBL01

Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

55 80.0 57.1 85.7



#15

Acrylonitrile

Concen: 0.555 ug/l

RT: 3.074 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

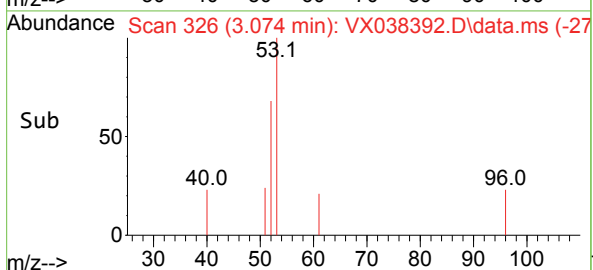
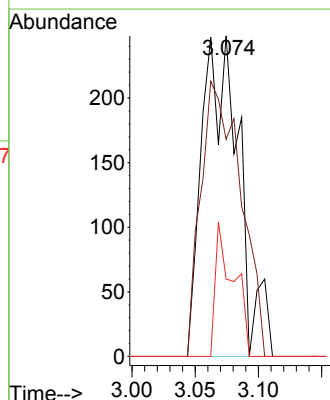
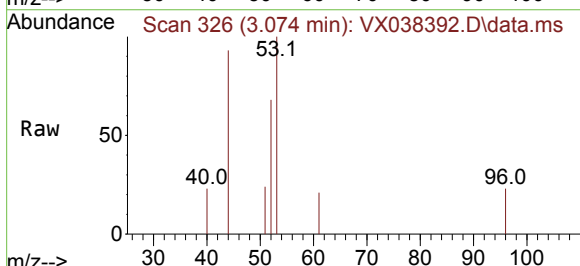
Tgt Ion: 53 Resp: 507

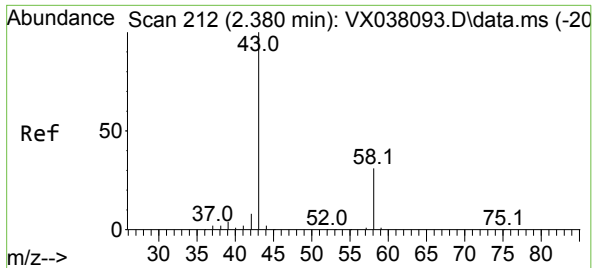
Ion Ratio Lower Upper

53 100

52 91.9 66.0 99.0

51 20.7 29.8 44.6#

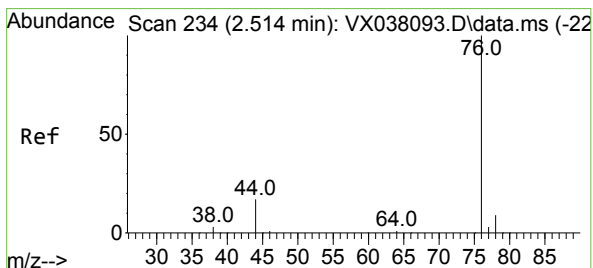
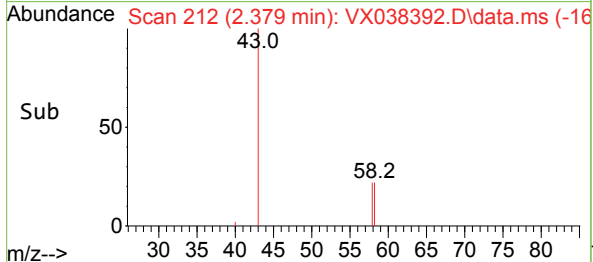
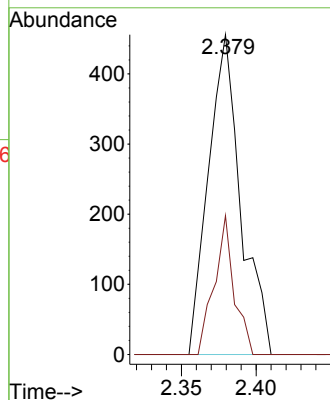
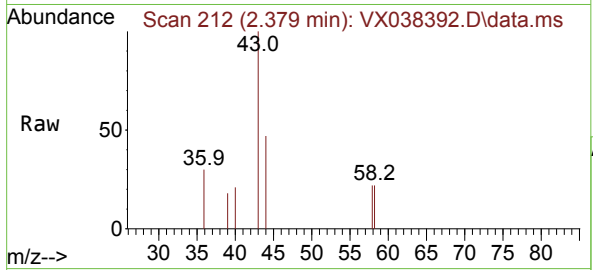




#16
Acetone
Concen: 0.816 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

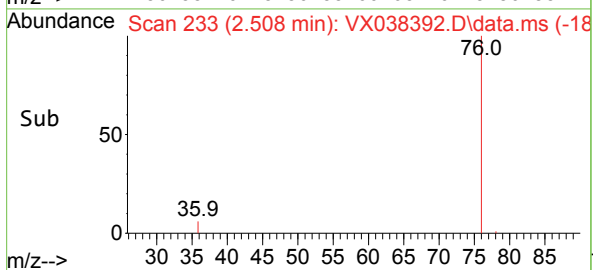
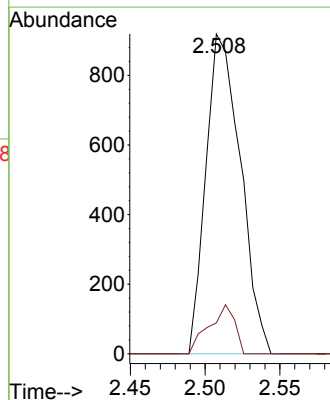
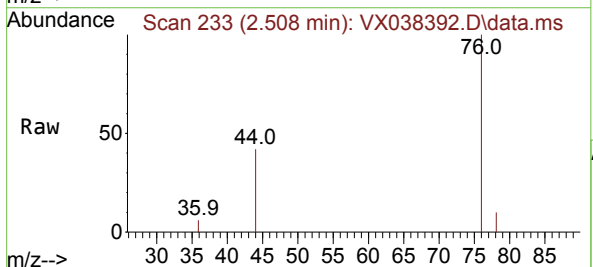
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

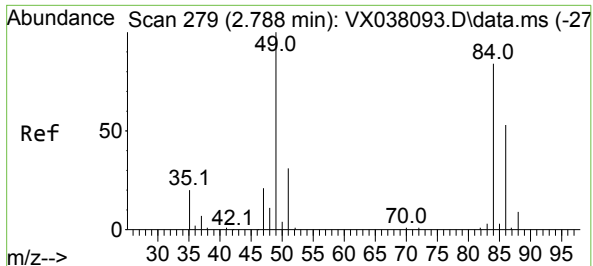
Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 43.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.449 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion: 76 Resp: 1478
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6





#20

Methylene Chloride

Concen: 0.503 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBL01

Tgt Ion: 84 Resp: 793

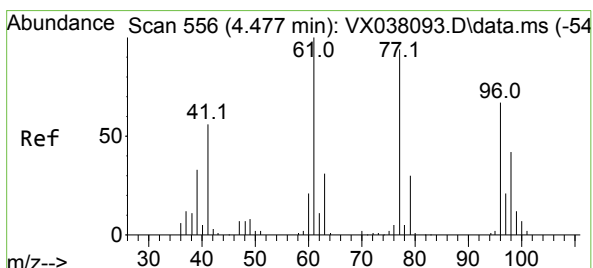
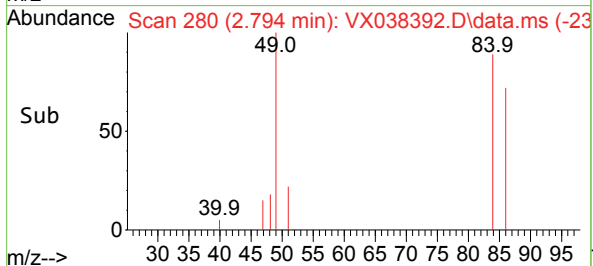
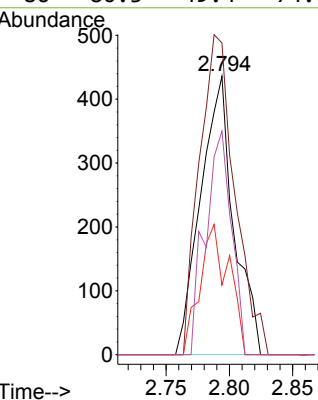
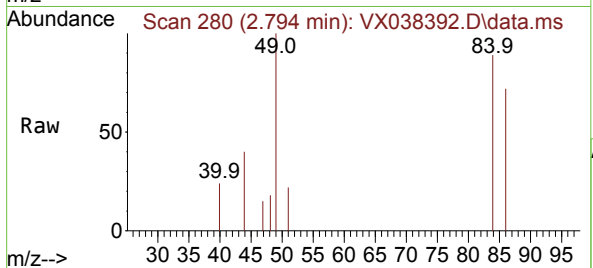
Ion Ratio Lower Upper

84 100

49 111.9 103.6 155.4

51 25.0 33.8 50.6#

86 80.3 49.4 74.0#



#26

2,2-Dichloropropane

Concen: 0.241 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.097 min

Lab File: VX038392.D

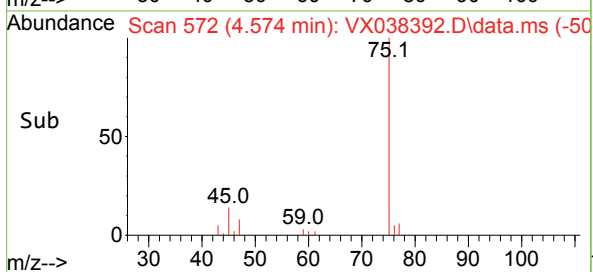
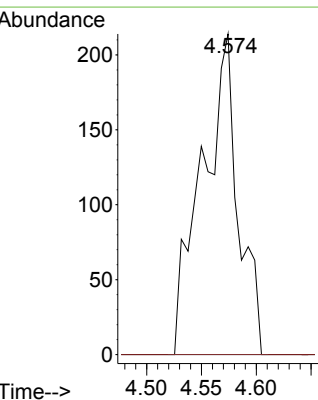
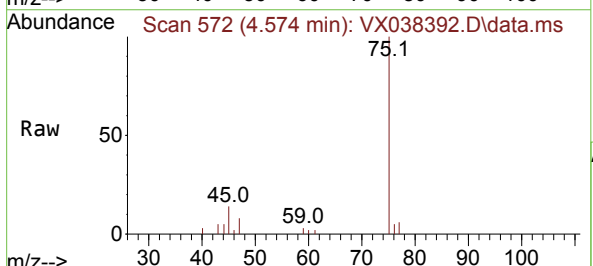
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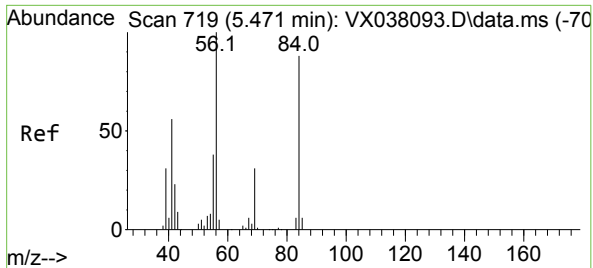
Tgt Ion: 77 Resp: 489

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#

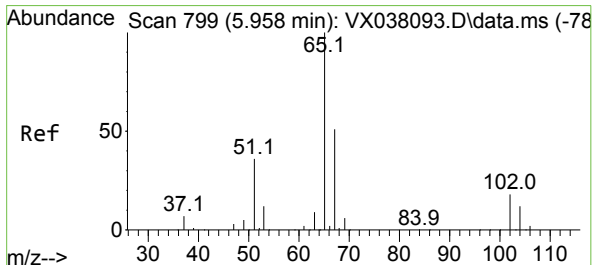
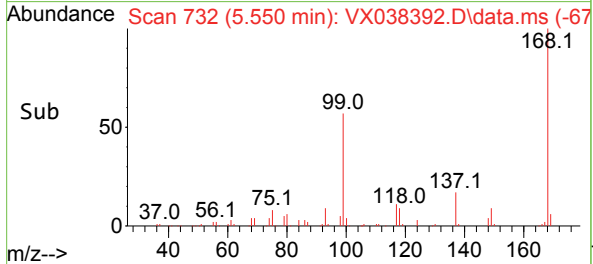
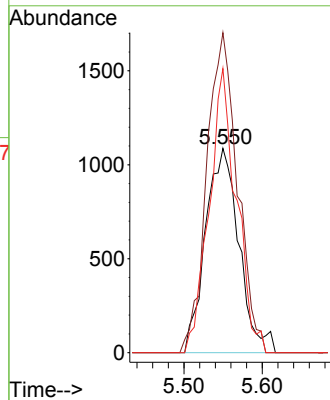
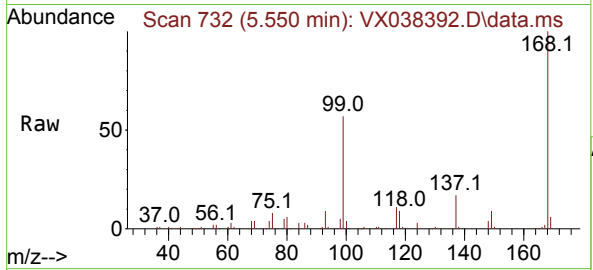




#31
Cyclohexane
Concen: 1.482 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

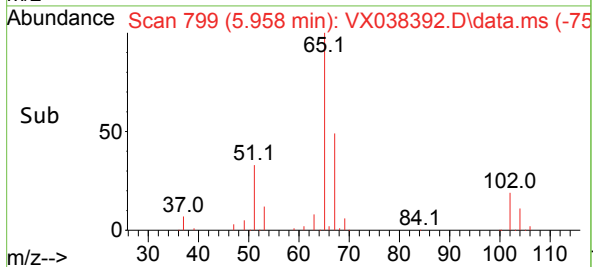
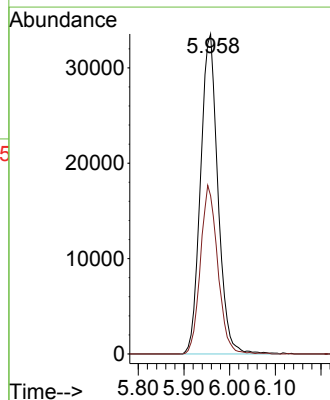
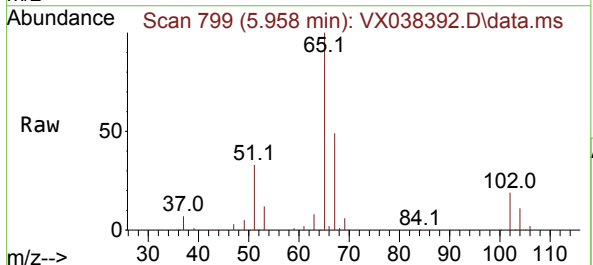
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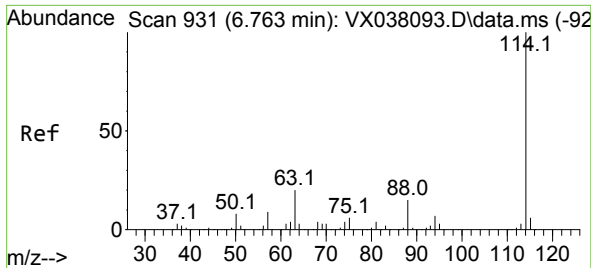
Tgt Ion: 56 Resp: 3225
Ion Ratio Lower Upper
56 100
69 156.7 23.4 35.2#
84 139.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.033 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion: 65 Resp: 88454
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

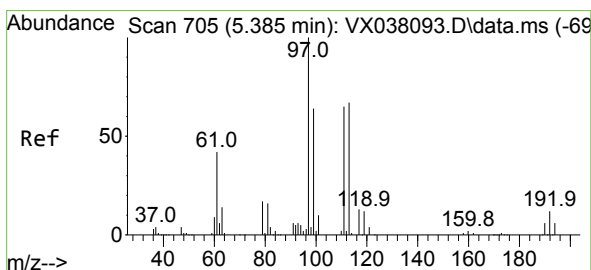
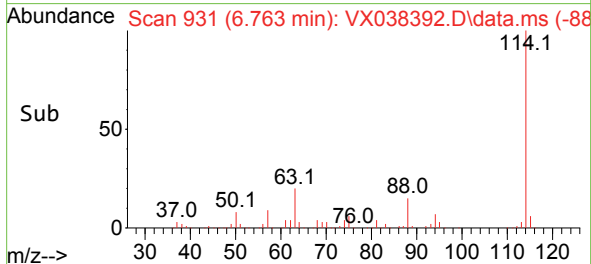
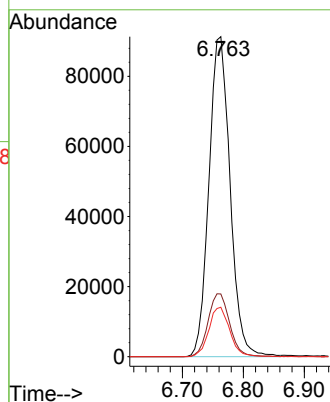
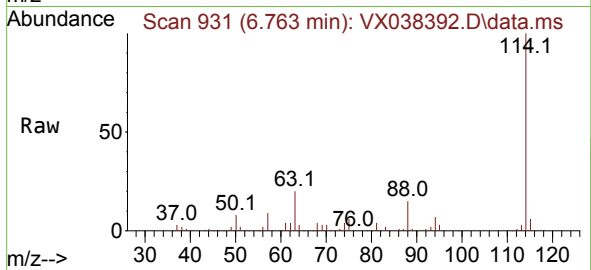




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

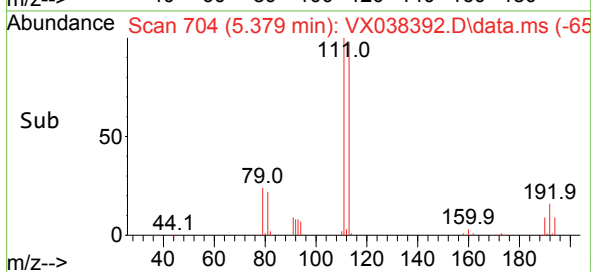
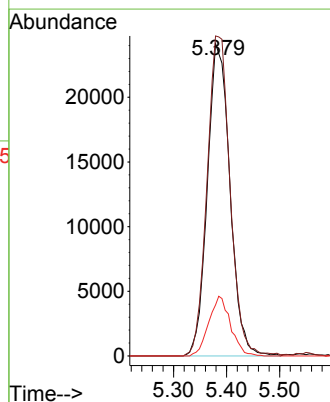
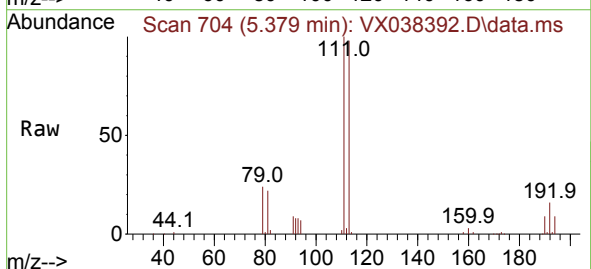
Instrument :
MSVOA_X
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VX1020MBL01

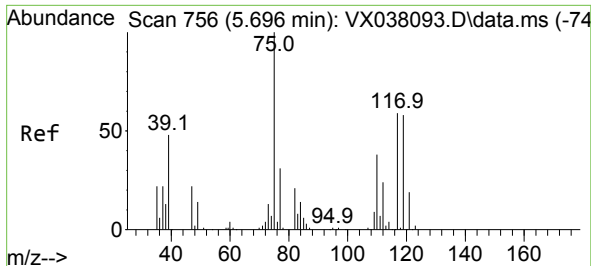
Tgt Ion:114 Resp: 220393
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.018 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion:113 Resp: 71492
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 18.4 13.3 19.9

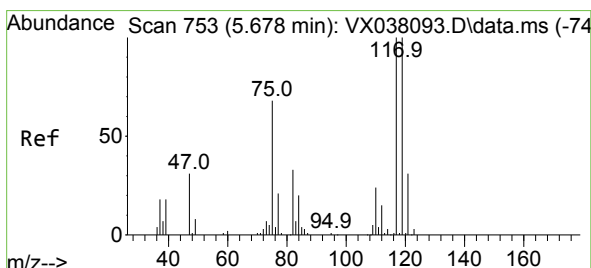
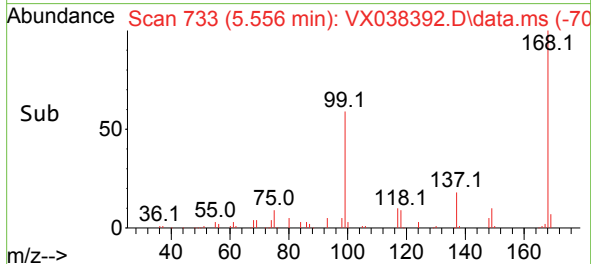
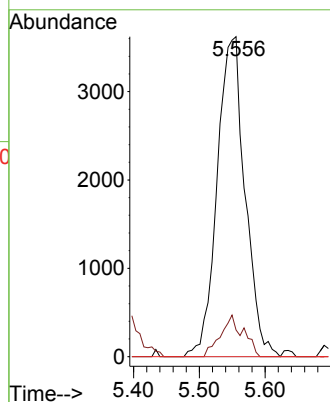
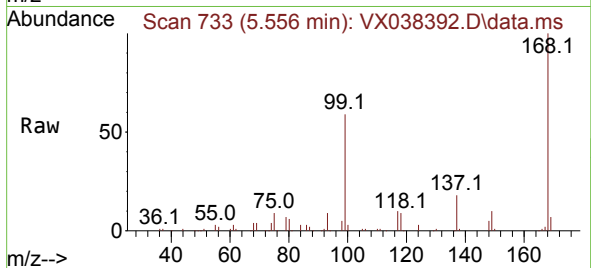




#36
1,1-Dichloropropene
Concen: 4.882 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

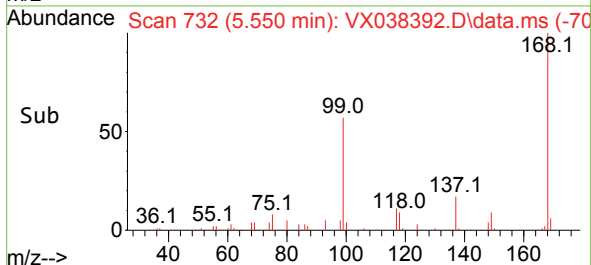
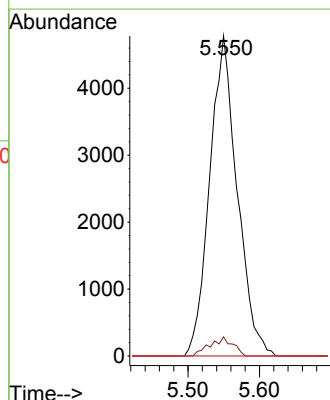
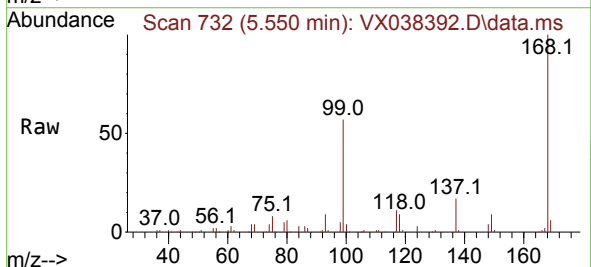
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

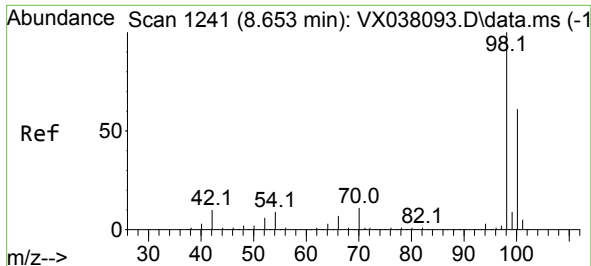
Tgt Ion: 75 Resp: 10692
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion: 117 Resp: 12778
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

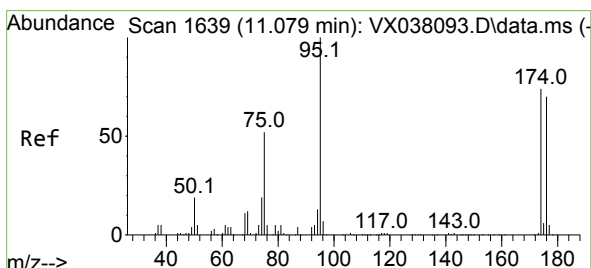
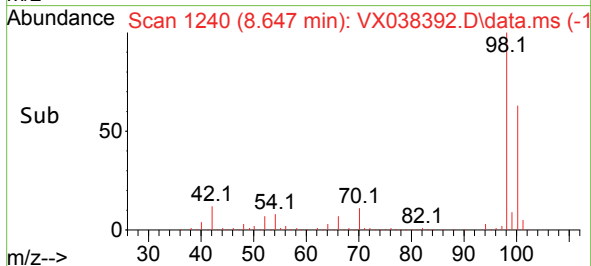
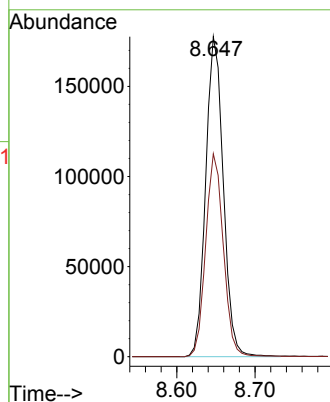
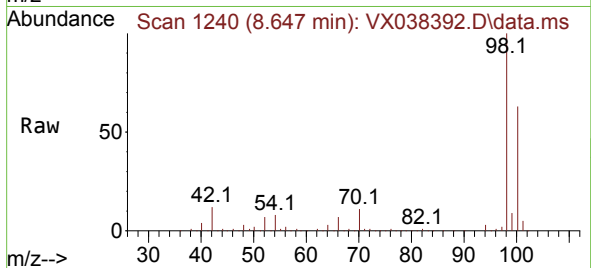




#50
Toluene-d8
Concen: 45.618 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

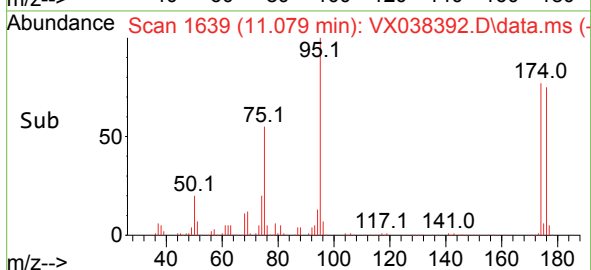
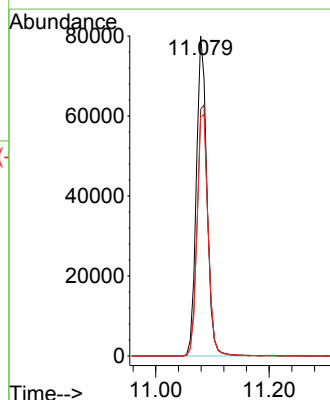
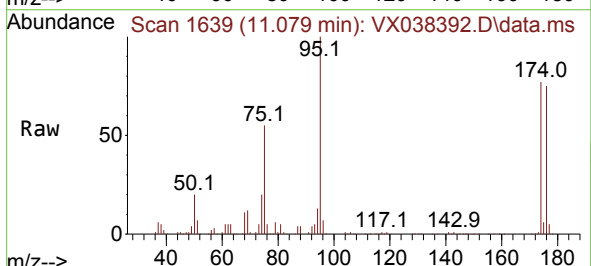
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

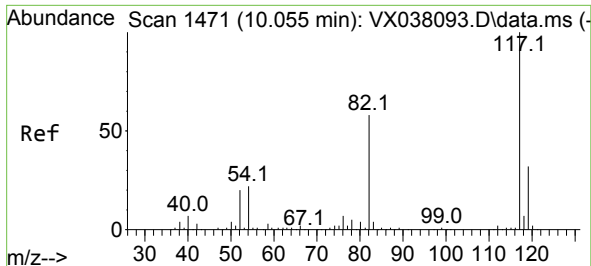
Tgt Ion: 98 Resp: 276826
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.911 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion: 95 Resp: 103323
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 78.6 0.0 131.0

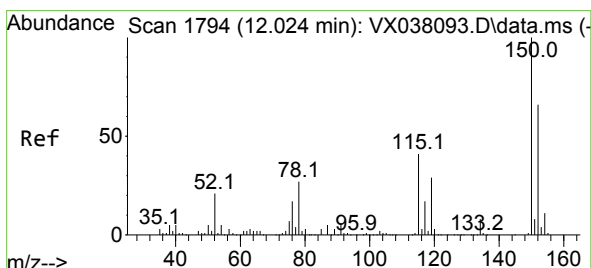
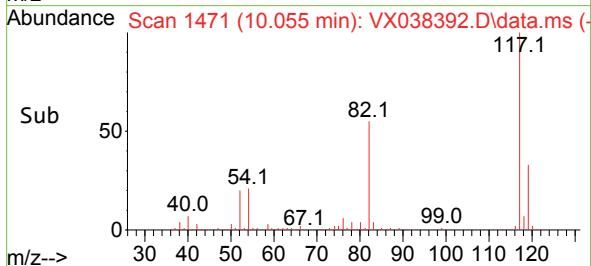
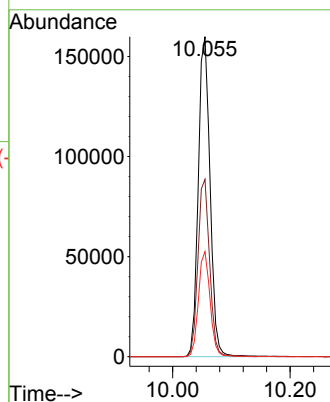
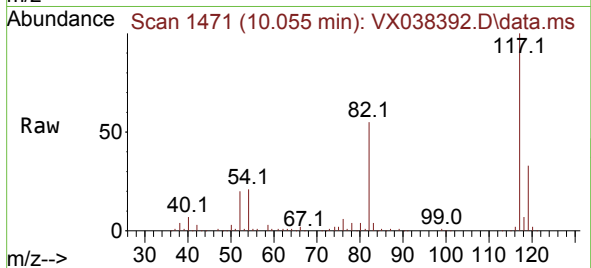




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

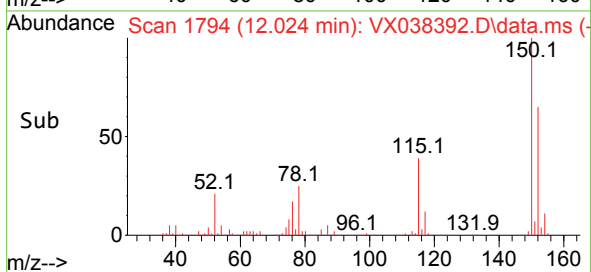
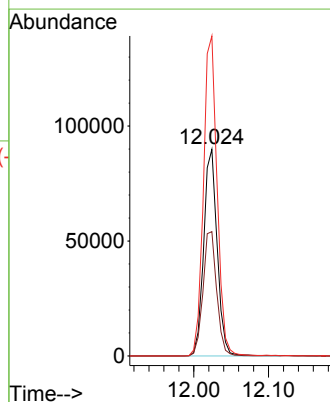
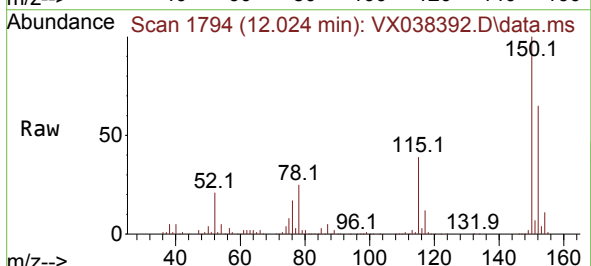
Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

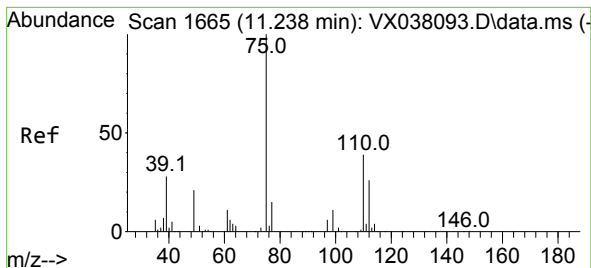
Tgt Ion:117 Resp: 222265
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038392.D
Acq: 20 Oct 2023 10:06

Tgt Ion:152 Resp: 112530
Ion Ratio Lower Upper
152 100
115 61.2 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.920 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

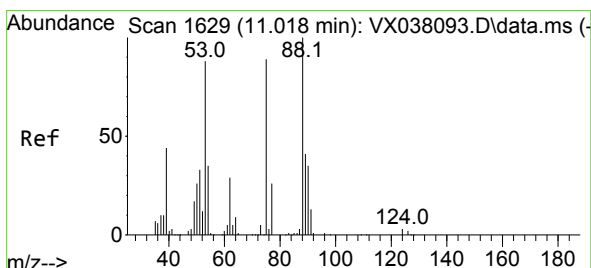
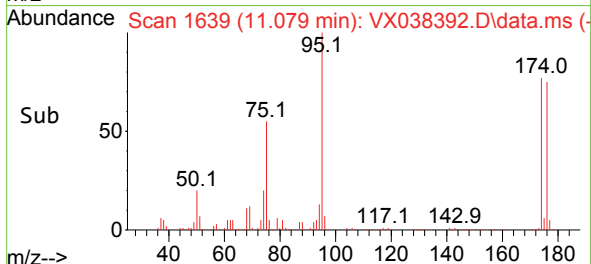
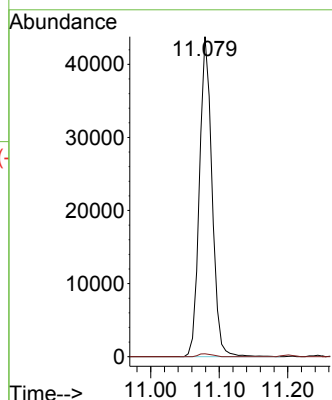
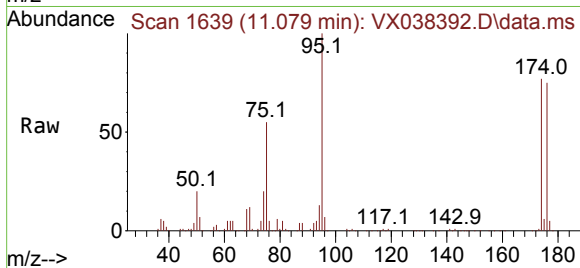
VX1020MBL01

Tgt Ion: 75 Resp: 56076

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.875 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

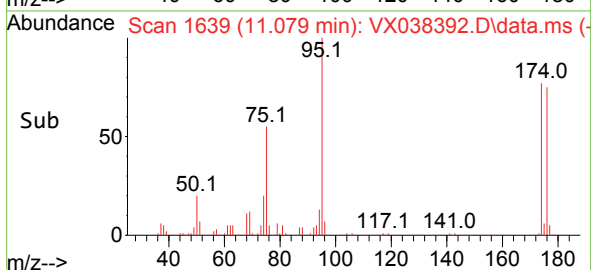
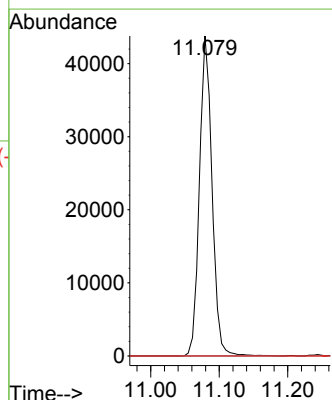
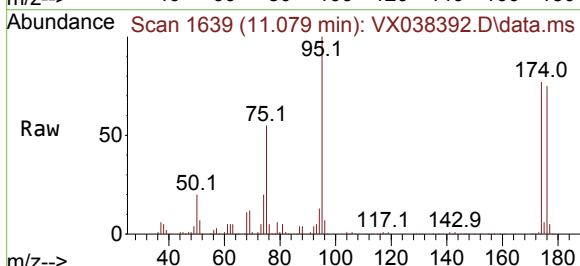
Tgt Ion: 75 Resp: 56076

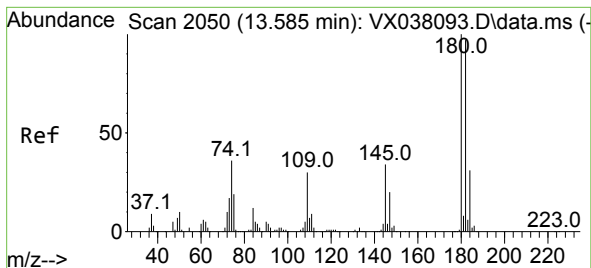
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.277 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBL01

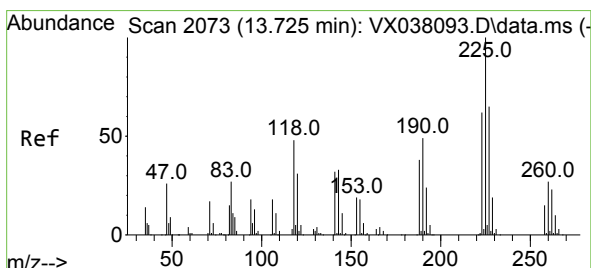
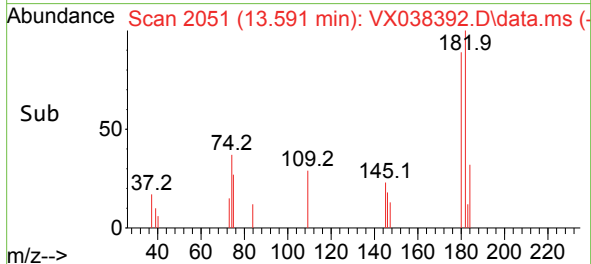
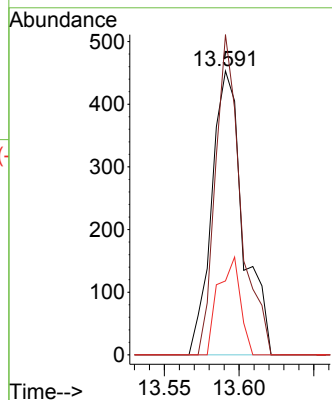
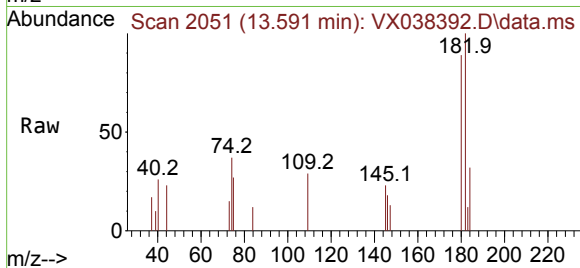
Tgt Ion:180 Resp: 662

Ion Ratio Lower Upper

180 100

182 90.6 48.3 144.8

145 24.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.465 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

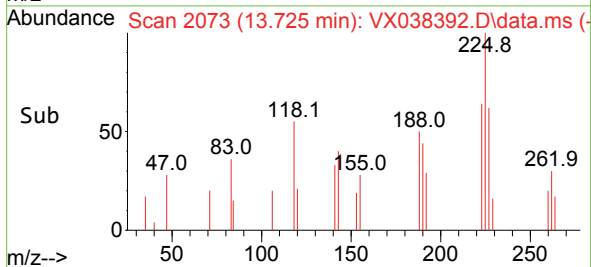
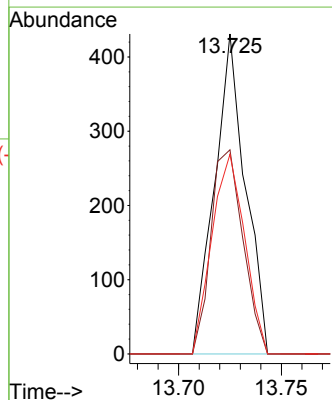
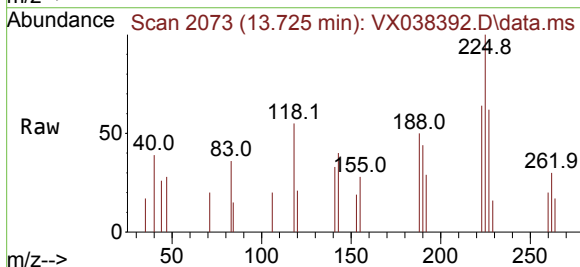
Tgt Ion:225 Resp: 447

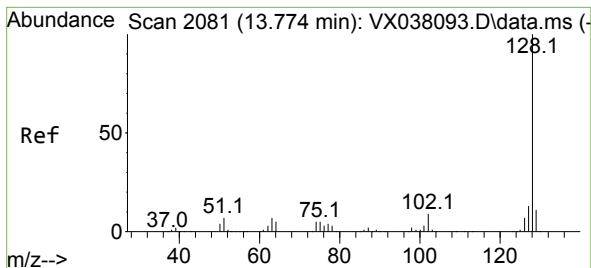
Ion Ratio Lower Upper

225 100

223 67.1 31.1 93.2

227 66.9 32.5 97.5





#95

Naphthalene

Concen: 0.243 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

VX1020MBL01

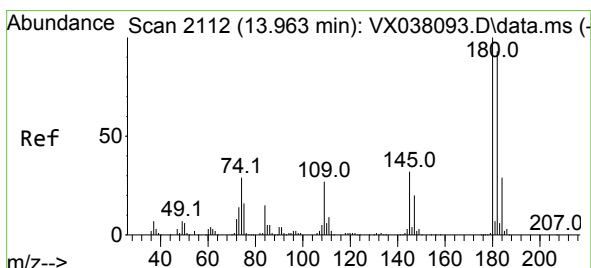
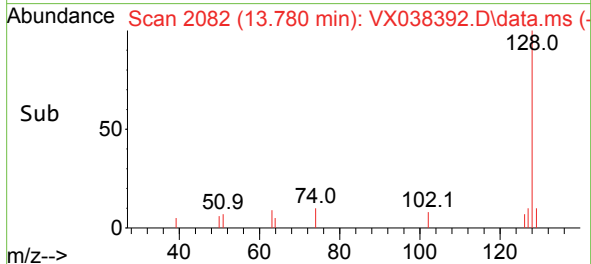
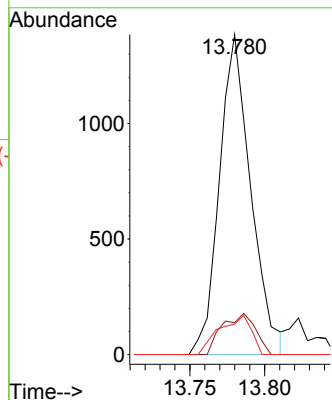
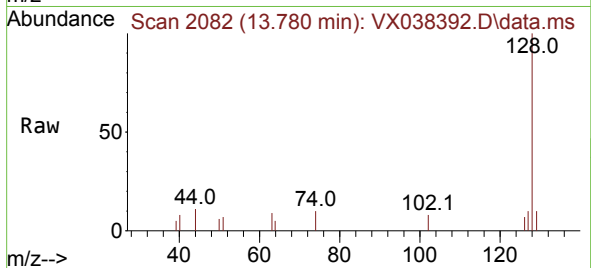
Tgt Ion:128 Resp: 2017

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 12.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.323 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038392.D

Acq: 20 Oct 2023 10:06

Tgt Ion:180 Resp: 747

Ion Ratio Lower Upper

180 100

182 86.2 46.9 140.6

145 29.7 17.8 53.5

