

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038491.D
 Acq On : 25 Oct 2023 19:35
 Operator : JC/MD
 Sample : 05010-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:11:12 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)

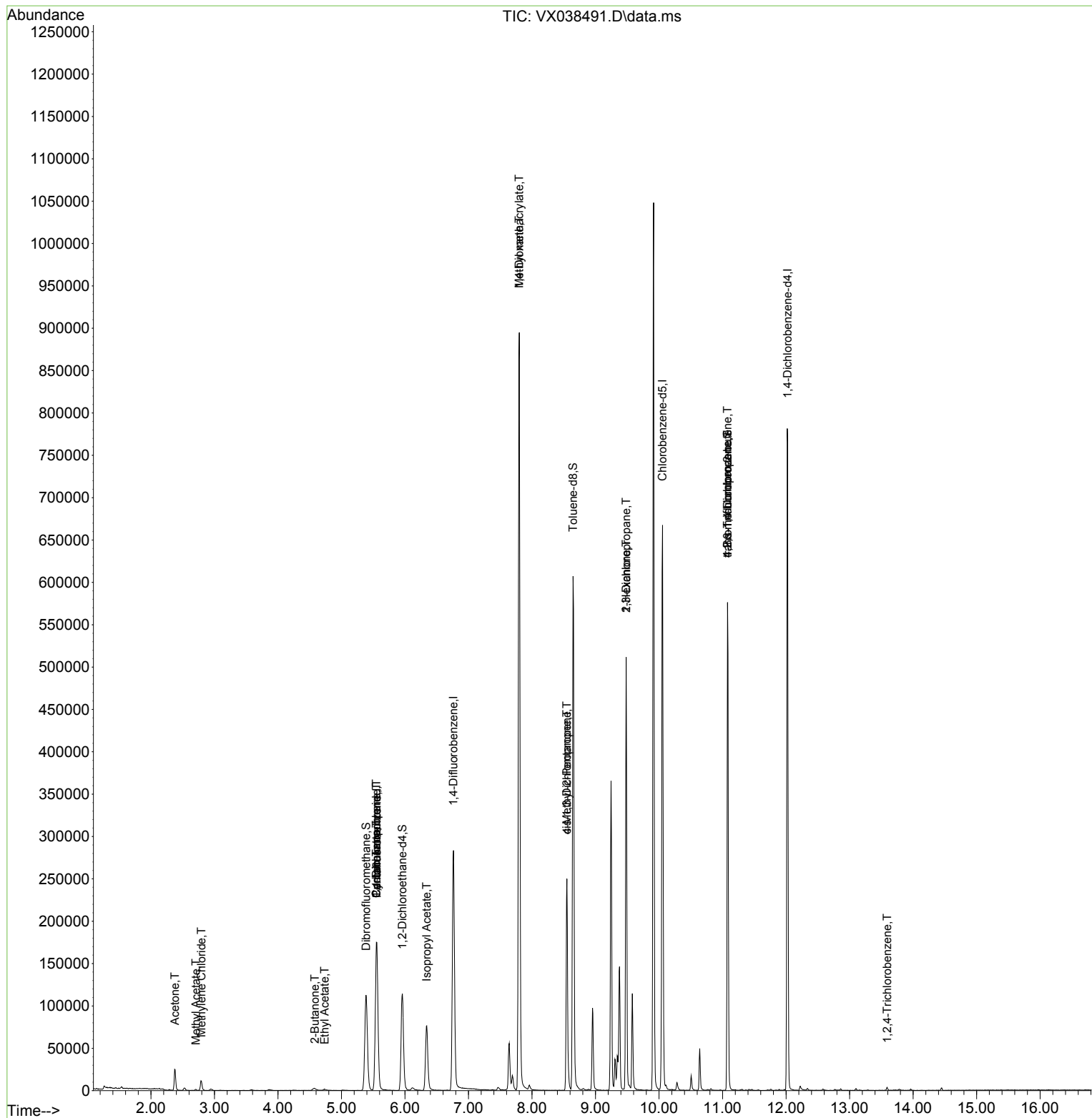
Internal Standards						
1) Pentafluorobenzene	5.556	168	173994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	305396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110556	39.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.000%
35) Dibromofluoromethane	5.385	113	99088	45.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.647	98	375005	44.596	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.200%#
62) 4-Bromofluorobenzene	11.079	95	147153	46.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.581	94	21	Below Cal	#	3
6) Chloroethane	1.666	64	346	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	1109	Below Cal	#	78
16) Acetone	2.380	43	26111	22.356	ug/l	90
18) Methyl Acetate	2.709	43	1512	0.302	ug/l	# 91
20) Methylene Chloride	2.794	84	5854	2.665	ug/l	# 78
25) 2-Butanone	4.580	43	2201	1.168	ug/l	95
31) Cyclohexane	5.550	56	3907	1.289	ug/l	# 4
36) 1,1-Dichloropropene	5.550	75	12862	4.239	ug/l	# 51
37) Ethyl Acetate	4.733	43	2182	0.605	ug/l	# 83
38) Carbon Tetrachloride	5.550	117	17347	5.811	ug/l	# 16
43) Isopropyl Acetate	6.342	43	103102	19.164	ug/l	# 95
48) Methyl methacrylate	7.799	41	78099	30.408	ug/l	# 50
49) 1,4-Dioxane	7.799	88	90	1.422	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	84768	22.843	ug/l	# 52
54) cis-1,3-Dichloropropene	8.549	75	40866	11.956	ug/l	# 59
57) 1,3-Dichloropropane	9.482	76	4443	1.162	ug/l	# 44
59) 2-Hexanone	9.482	43	54689	18.331	ug/l	# 56
76) 1,2,3-Trichloropropane	11.079	75	76236	19.562	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	76236	56.546	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1007	0.277	ug/l	97

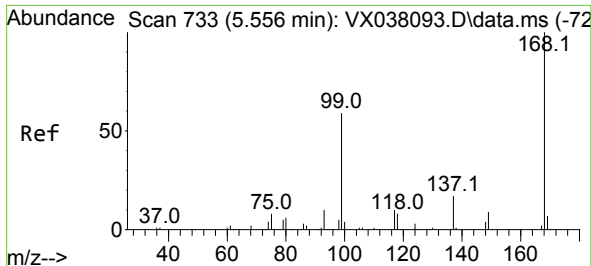
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
Data File : VX038491.D
Acq On : 25 Oct 2023 19:35
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

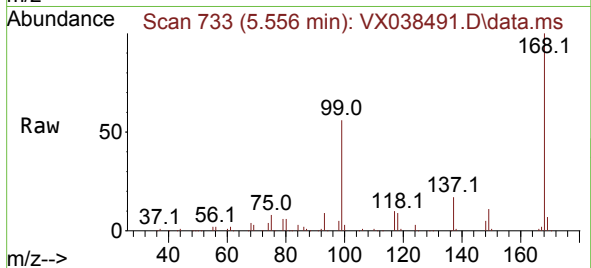
Quant Time: Oct 26 04:11:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



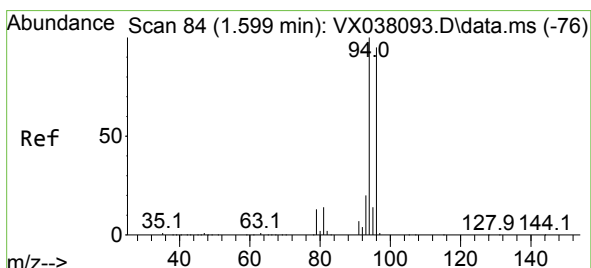
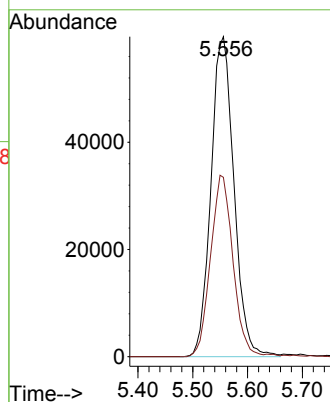
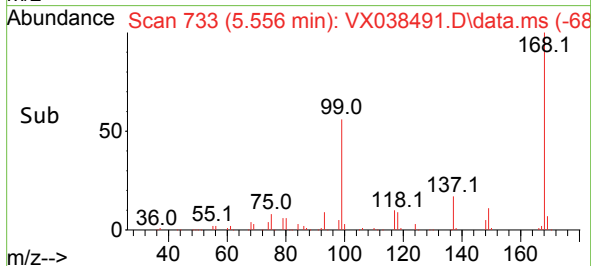


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Instrument :
MSVOA_X
ClientSampleId :

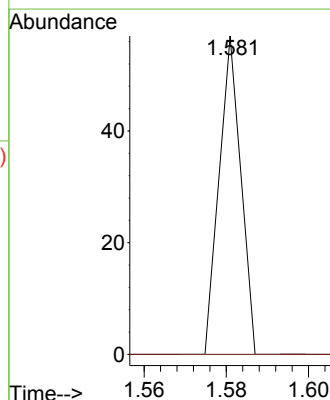
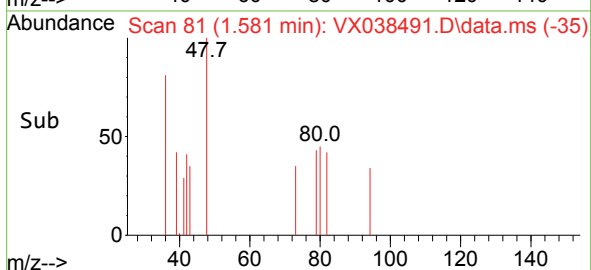
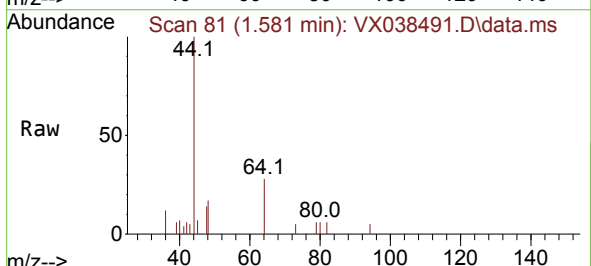


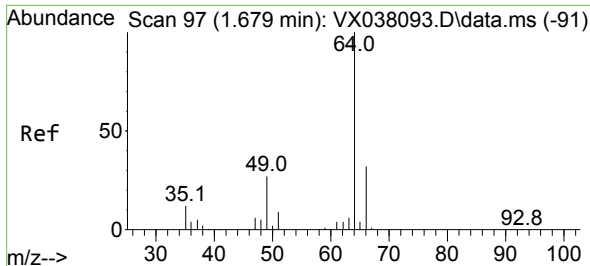
Tgt Ion:168 Resp: 173994
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

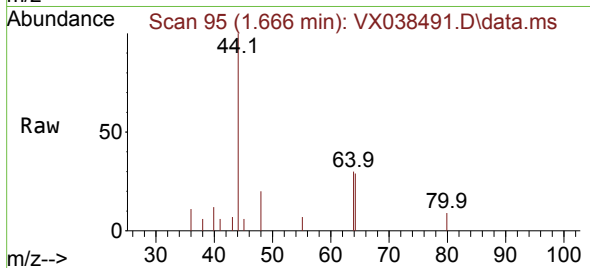
Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



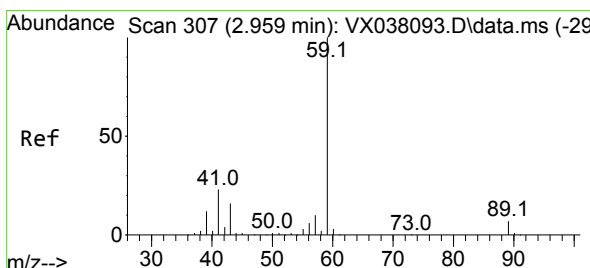
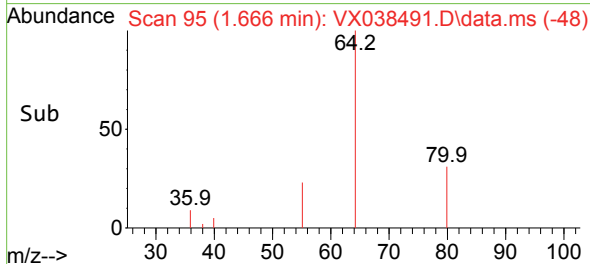
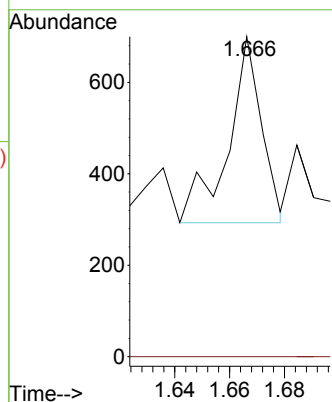


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Instrument :
MSVOA_X
ClientSampleId :

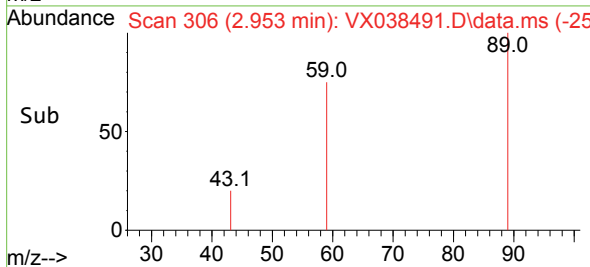
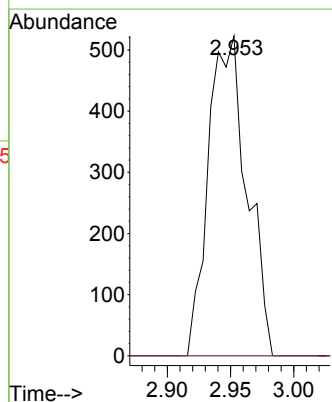
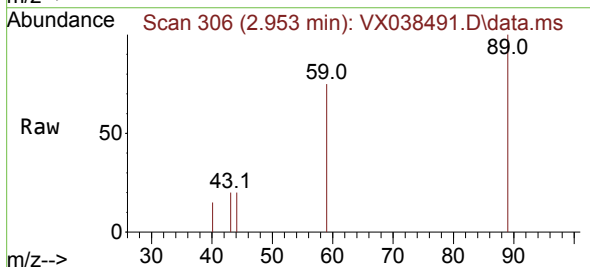


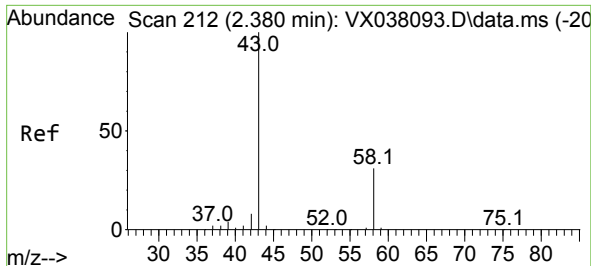
Tgt Ion: 64 Resp: 346
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Tgt Ion: 59 Resp: 1109
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

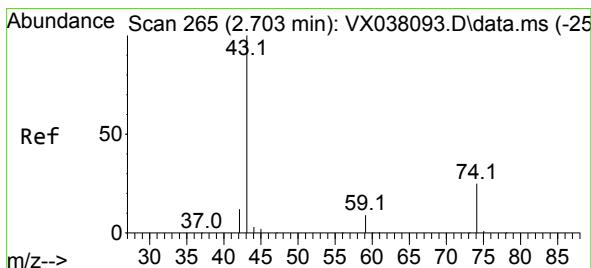
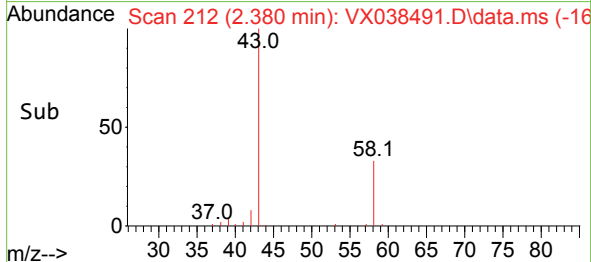
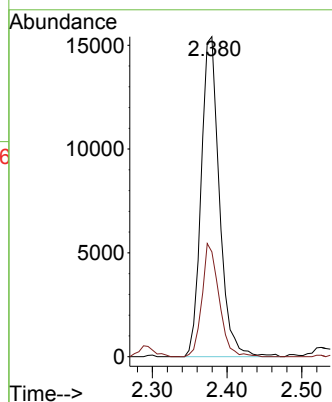
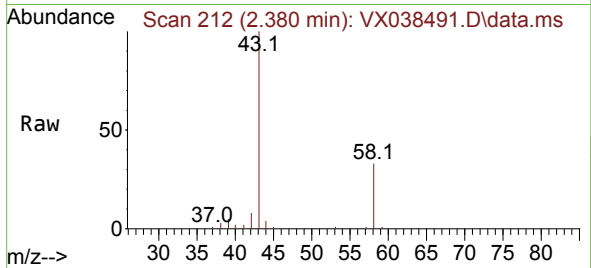




#16
Acetone
Concen: 22.356 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

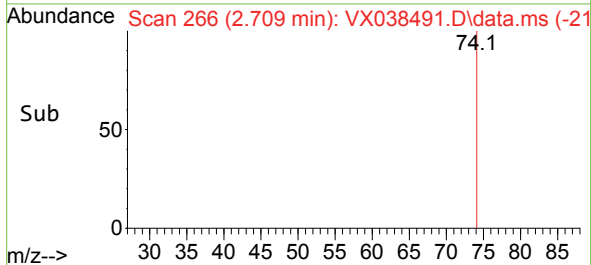
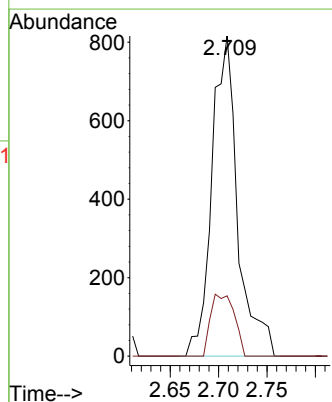
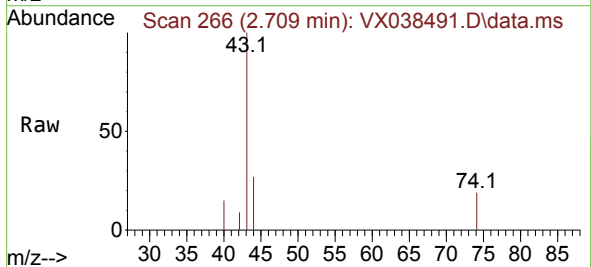
Instrument :
MSVOA_X
ClientSampleId :

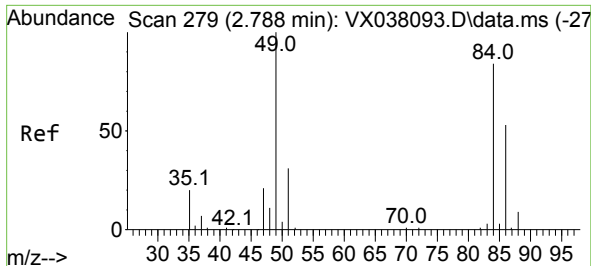
Tgt Ion: 43 Resp: 26111
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9



#18
Methyl Acetate
Concen: 0.302 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
74 17.8 17.8 26.8#

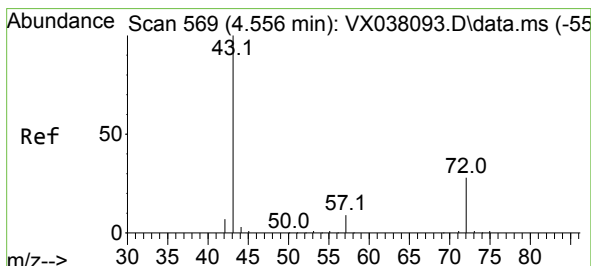
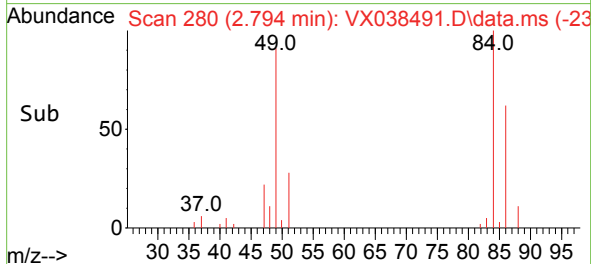
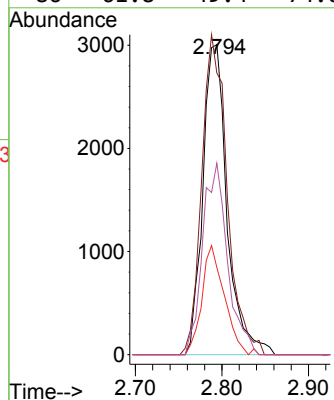
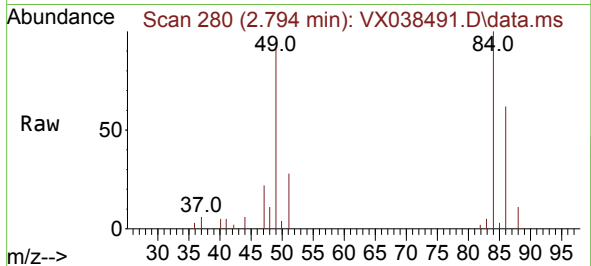




#20
Methylene Chloride
Concen: 2.665 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

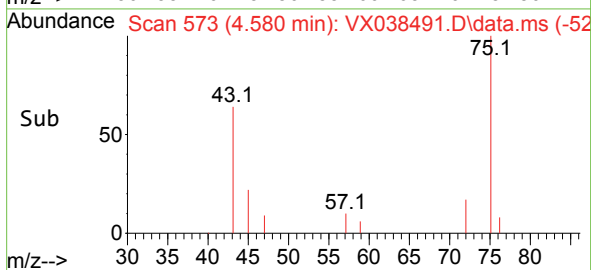
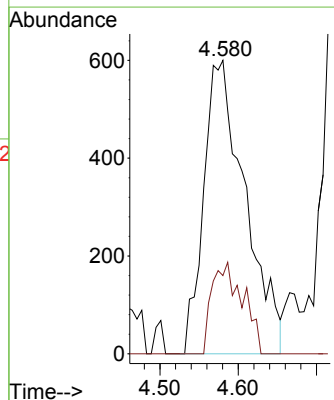
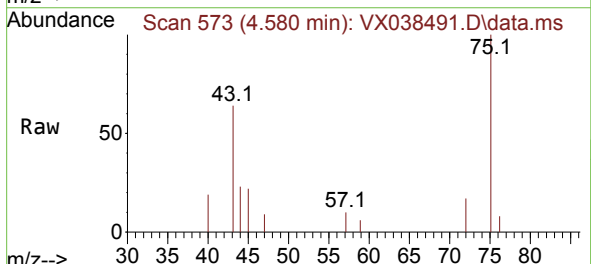
Instrument :
MSVOA_X
ClientSampleId :

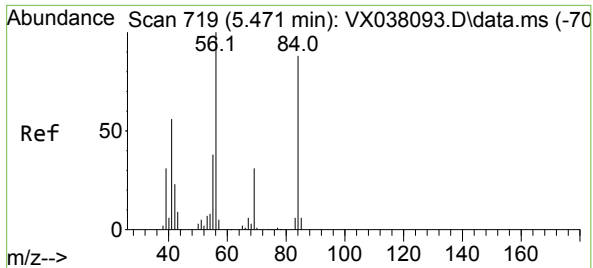
Tgt Ion: 84 Resp: 5854
Ion Ratio Lower Upper
84 100
49 90.9 103.6 155.4#
51 28.1 33.8 50.6#
86 61.8 49.4 74.0



#25
2-Butanone
Concen: 1.168 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

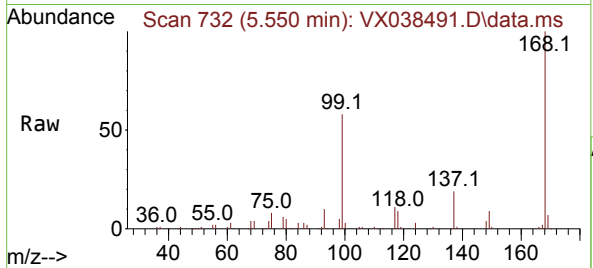
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2



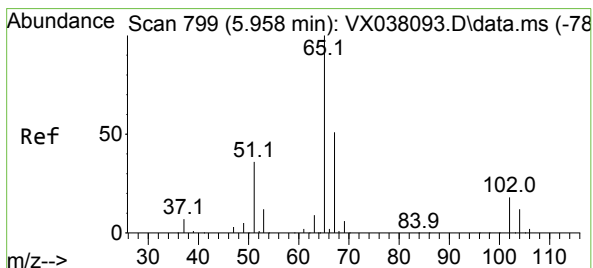
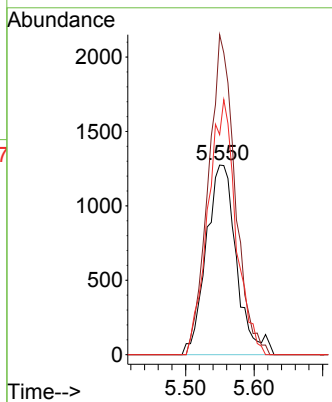
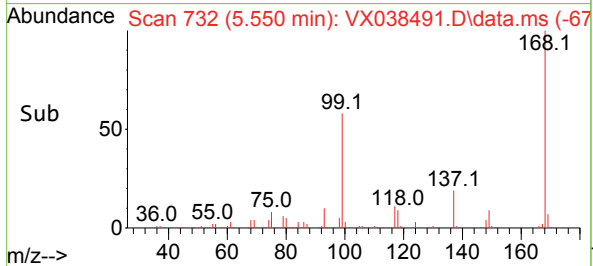


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Instrument :
MSVOA_X
ClientSampleId :

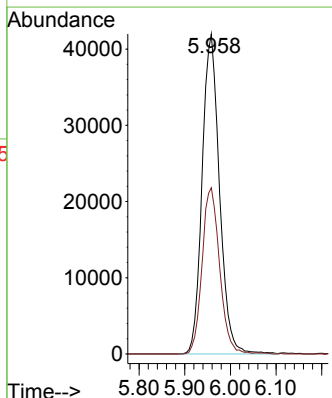
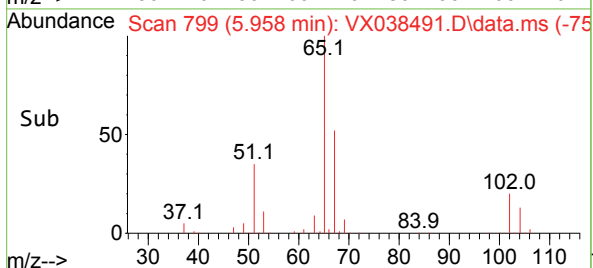
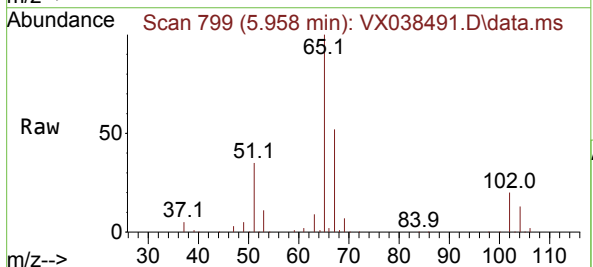


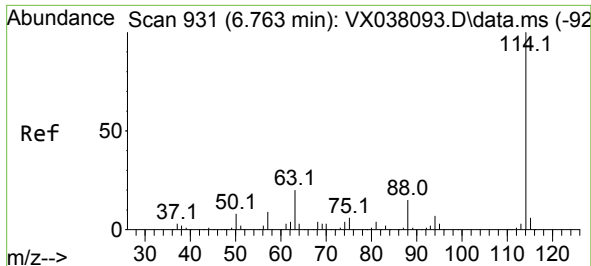
Tgt Ion: 56 Resp: 3907
Ion Ratio Lower Upper
56 100
69 168.8 23.4 35.2#
84 116.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.504 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Tgt Ion: 65 Resp: 110556
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

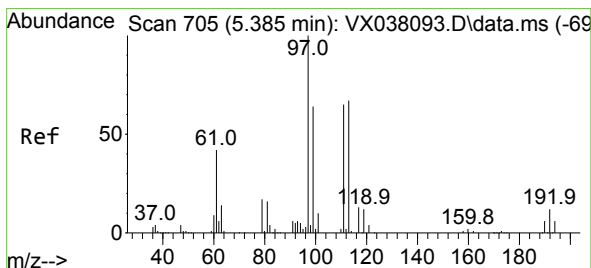
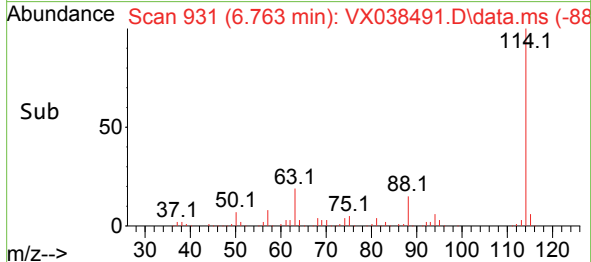
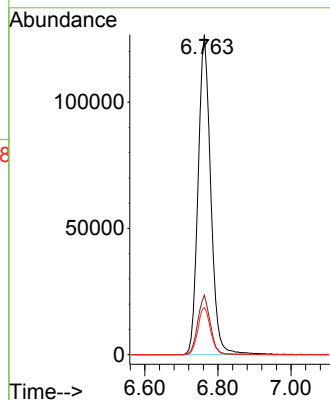
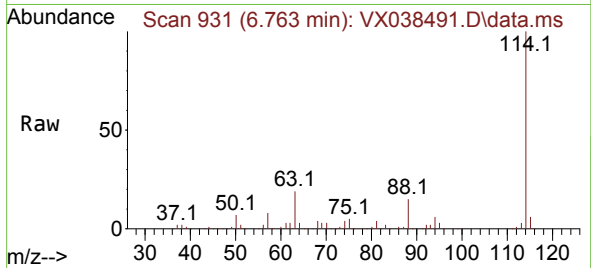




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

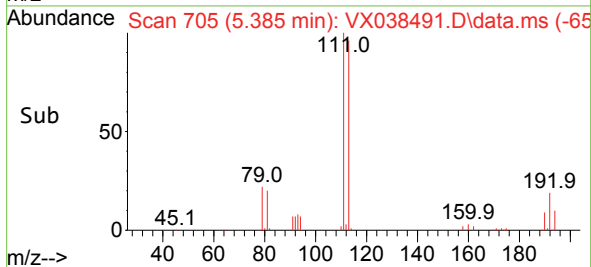
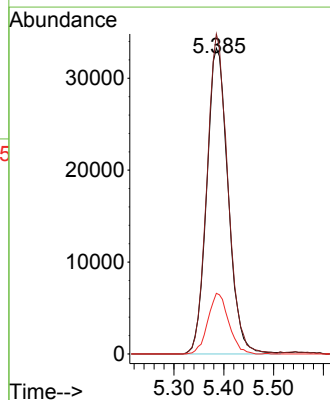
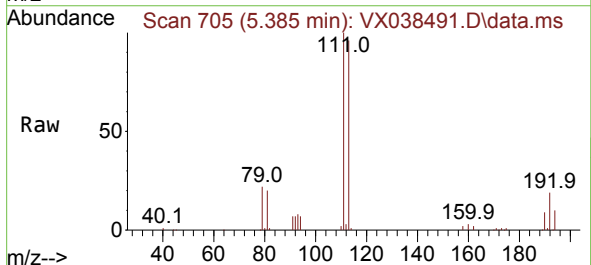
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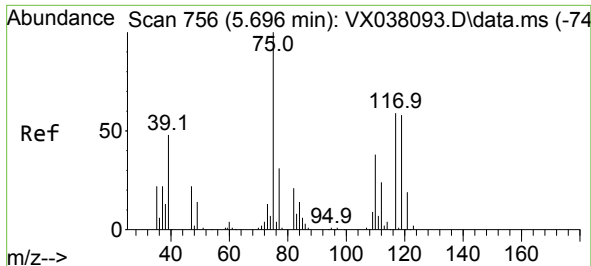
Tgt Ion:114 Resp: 305396
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.028 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

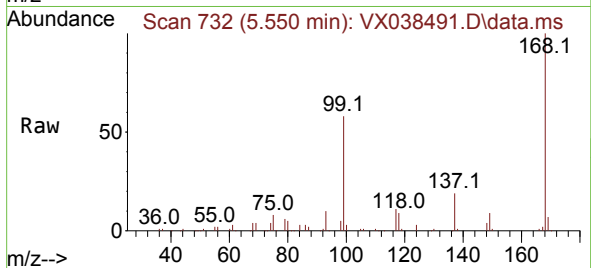
Tgt Ion:113 Resp: 99088
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 19.3 13.3 19.9



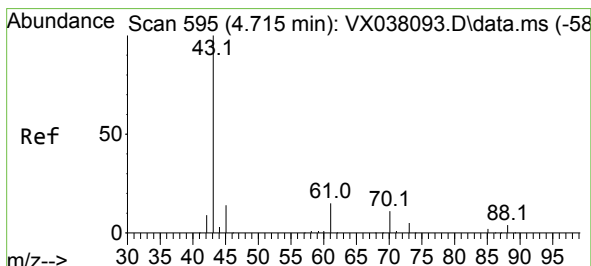
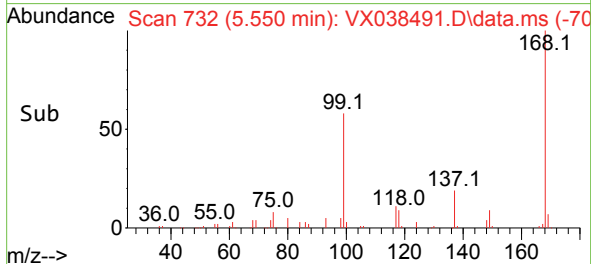
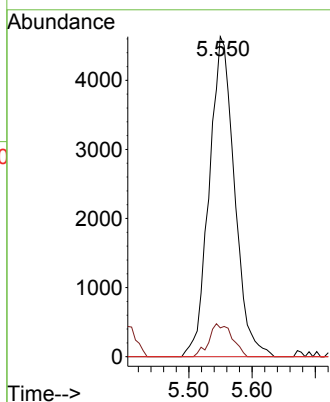


#36
1,1-Dichloropropene
Concen: 4.239 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Instrument :
MSVOA_X
ClientSampleId :

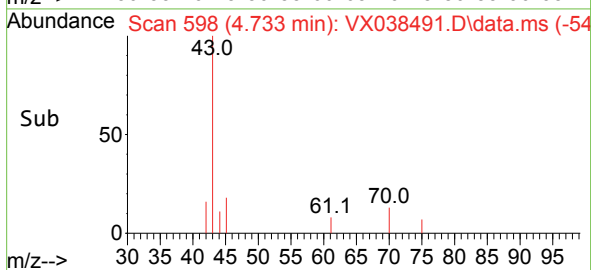
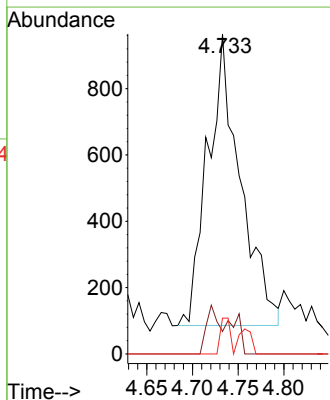
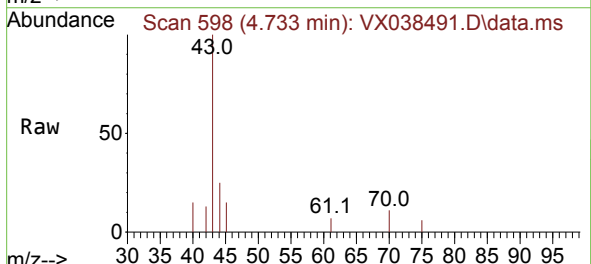


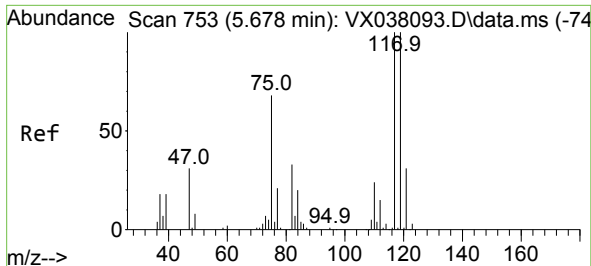
Tgt Ion: 75 Resp: 12862
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.605 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

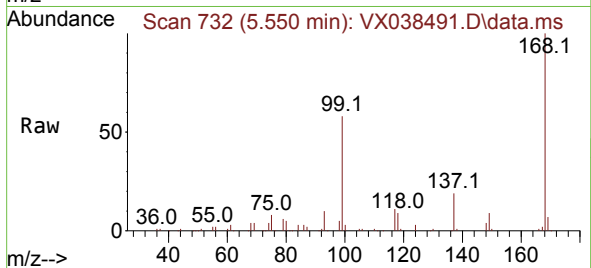
Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
61 6.6 10.6 16.0#
70 3.6 8.3 12.5#



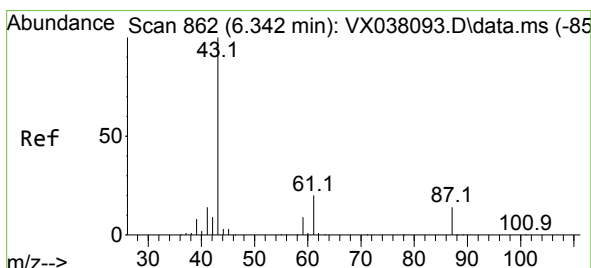
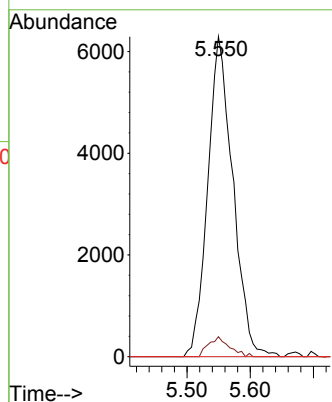
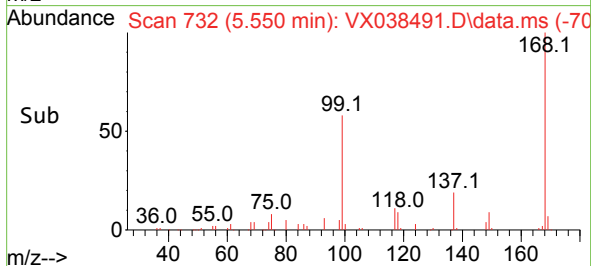


#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Instrument :
MSVOA_X
ClientSampleId :

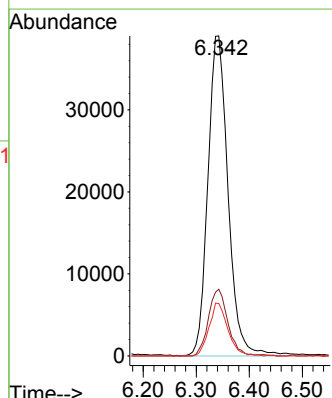
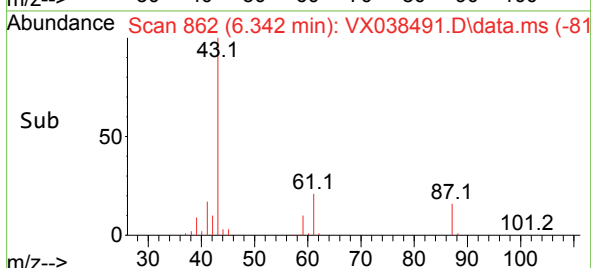
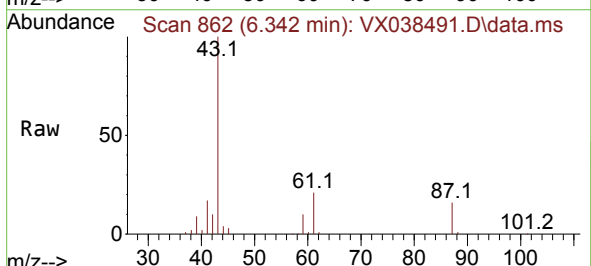


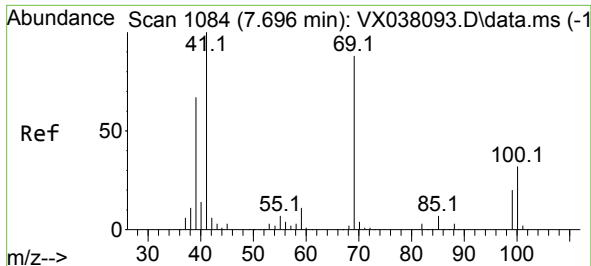
Tgt Ion:117 Resp: 17347
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 19.164 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Tgt Ion: 43 Resp: 103102
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 15.4 9.8 14.6#

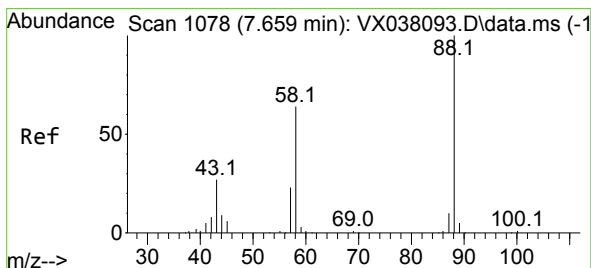
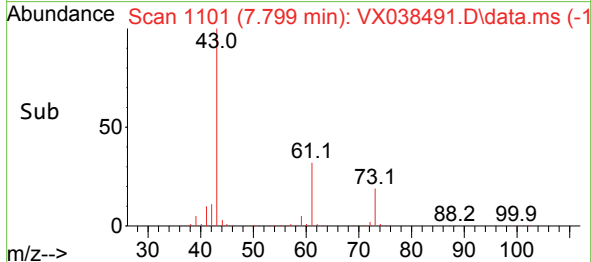
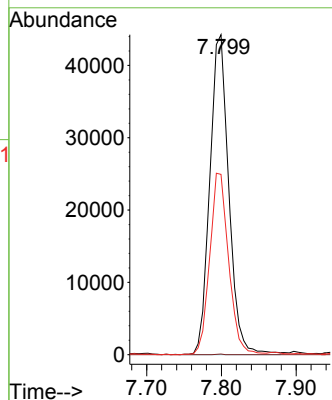
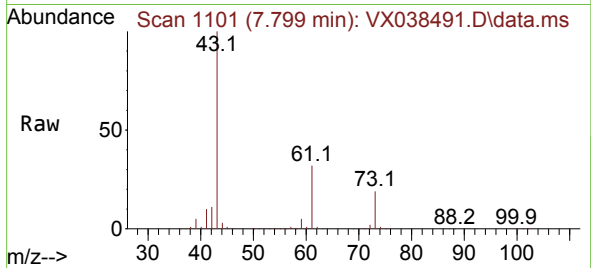




#48
Methyl methacrylate
Concen: 30.408 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

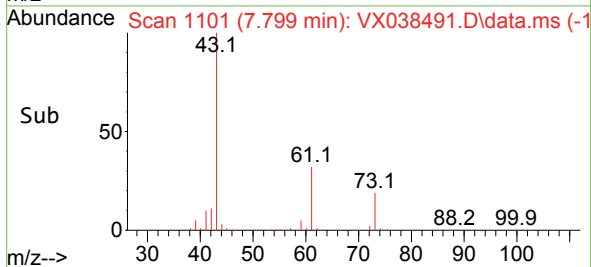
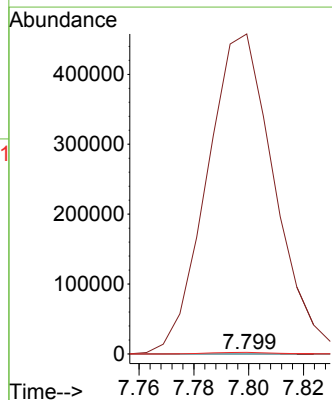
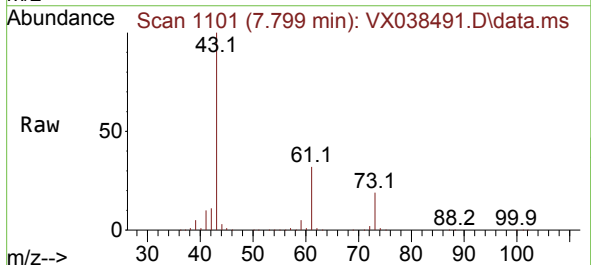
Instrument :
MSVOA_X
ClientSampleId :

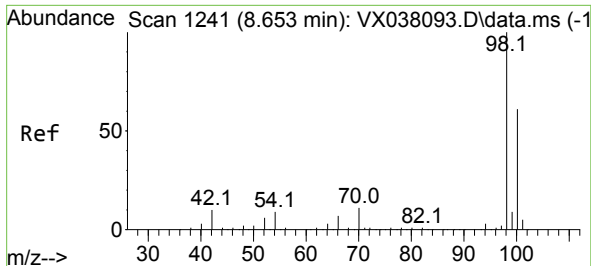
Tgt Ion: 41 Resp: 78099
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 56.5 47.7 71.5



#49
1,4-Dioxane
Concen: 1.422 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Tgt Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
43 889203.3 0.0 0.0#
58 4241.1 60.1 90.1#

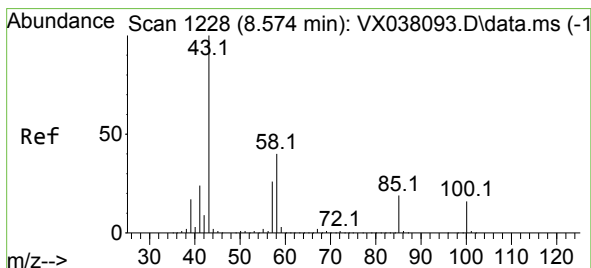
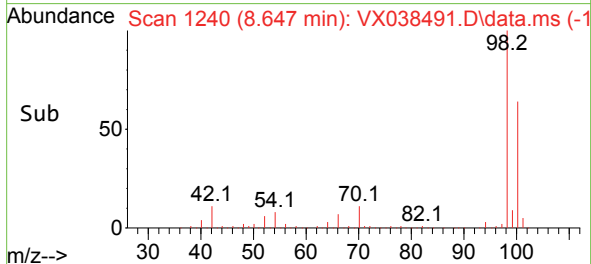
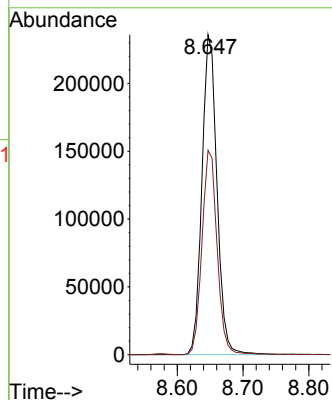
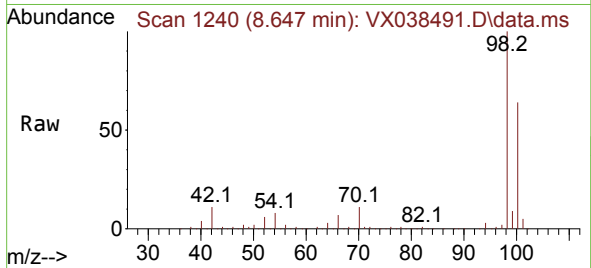




#50
Toluene-d8
Concen: 44.596 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

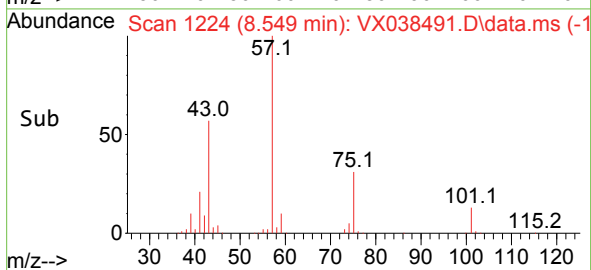
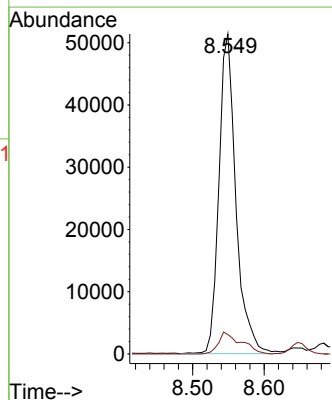
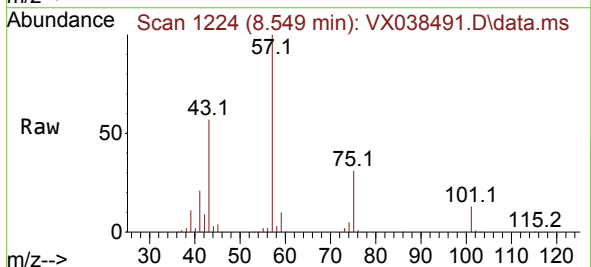
Instrument :
MSVOA_X
ClientSampleId :

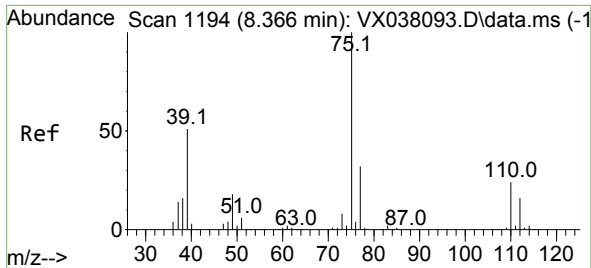
Tgt Ion: 98 Resp: 375005
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 22.843 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Tgt Ion: 43 Resp: 84768
Ion Ratio Lower Upper
43 100
58 9.0 30.4 45.6#

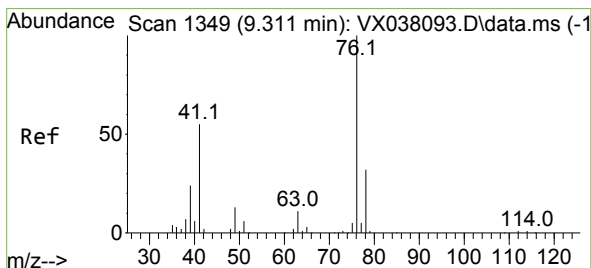
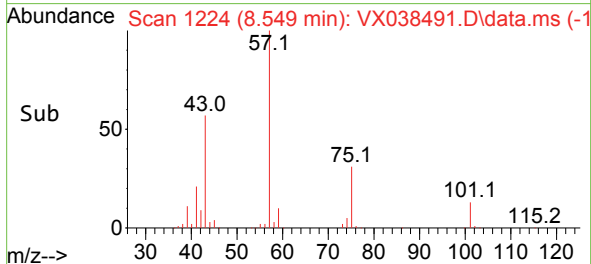
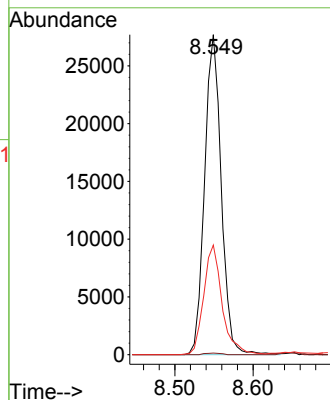
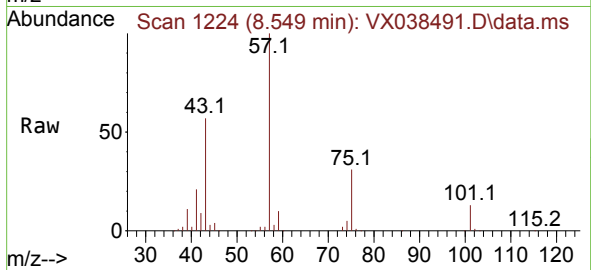




#54
 cis-1,3-Dichloropropene
 Concen: 11.956 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX038491.D
 Acq: 25 Oct 2023 19:35

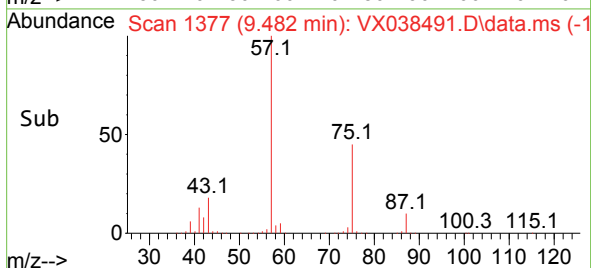
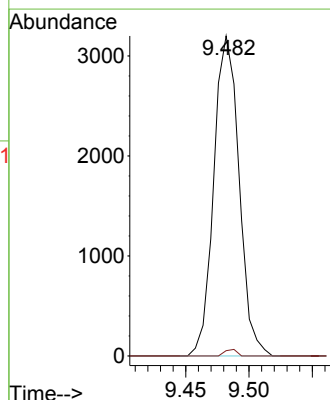
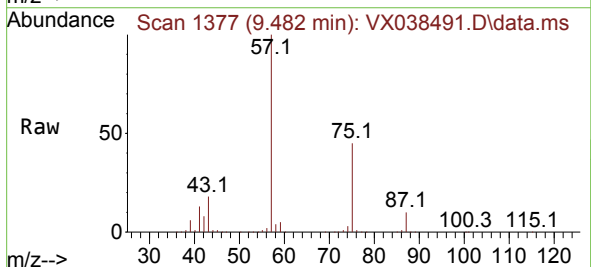
Instrument :
 MSVOA_X
 ClientSampleId :

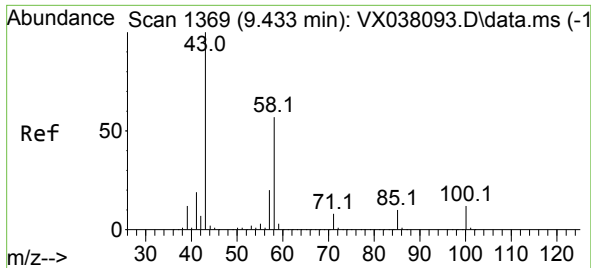
Tgt Ion: 75 Resp: 40866
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 34.3 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.162 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX038491.D
 Acq: 25 Oct 2023 19:35

Tgt Ion: 76 Resp: 4443
 Ion Ratio Lower Upper
 76 100
 78 1.0 26.1 39.1#

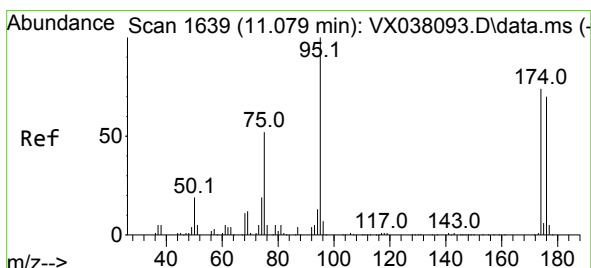
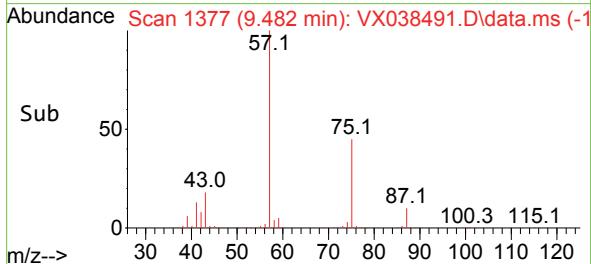
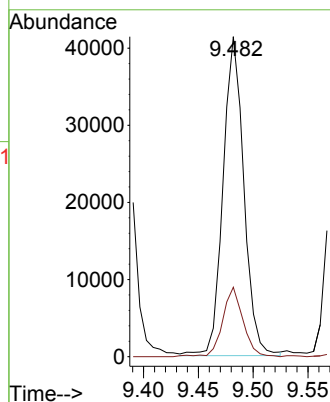
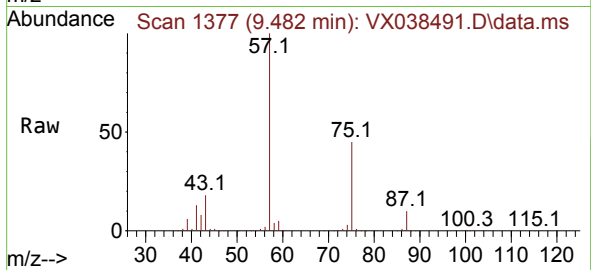




#59
2-Hexanone
Concen: 18.331 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

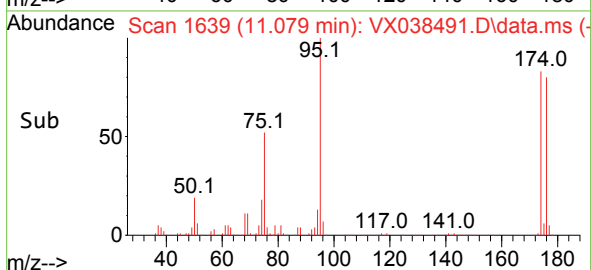
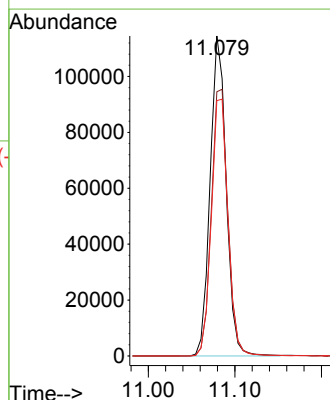
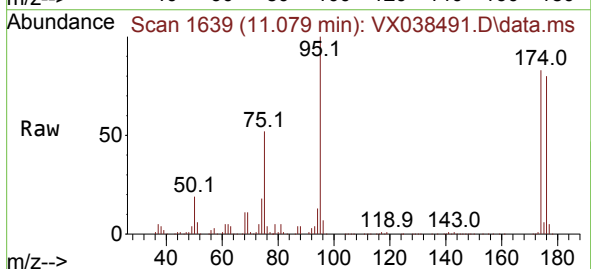
Instrument :
MSVOA_X
ClientSampleId :

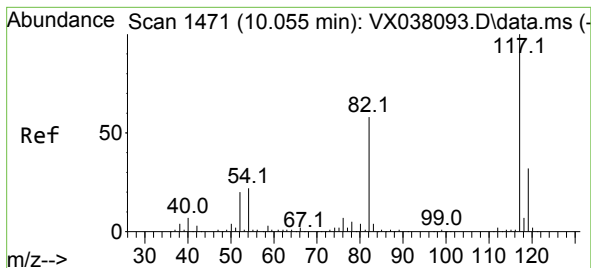
Tgt Ion: 43 Resp: 54689
Ion Ratio Lower Upper
43 100
58 21.4 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 46.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038491.D
Acq: 25 Oct 2023 19:35

Tgt Ion: 95 Resp: 147153
Ion Ratio Lower Upper
95 100
174 86.5 0.0 135.6
176 83.7 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: VX038491.D

Acq: 25 Oct 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

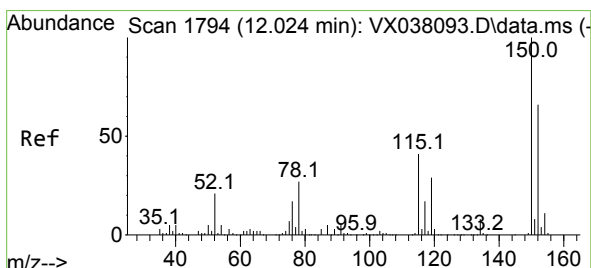
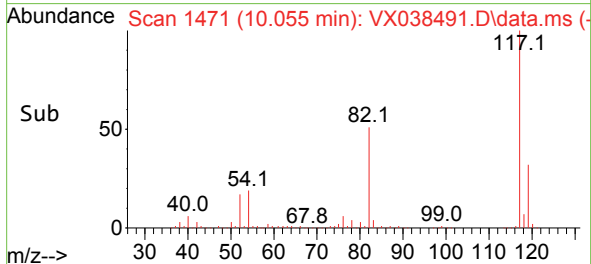
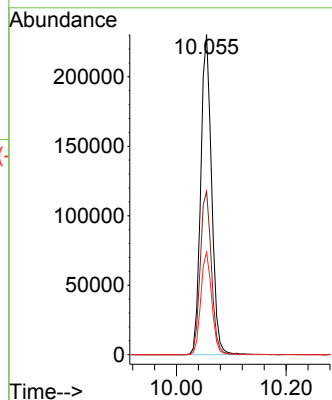
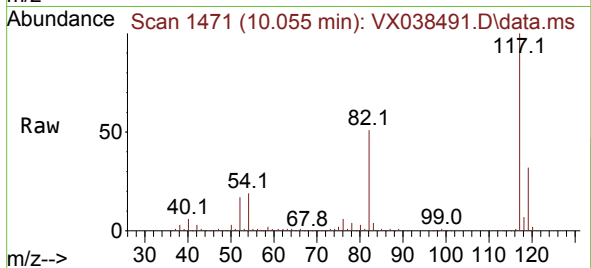
Tgt Ion:117 Resp: 317391

Ion Ratio Lower Upper

117 100

82 51.1 46.2 69.4

119 32.0 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: VX038491.D

Acq: 25 Oct 2023 19:35

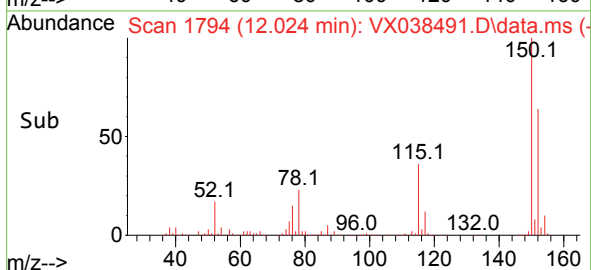
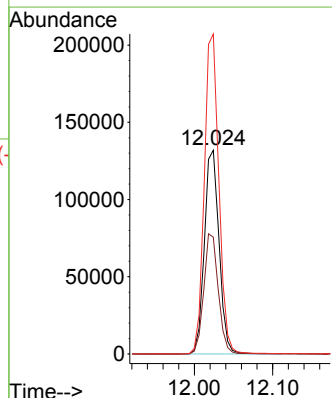
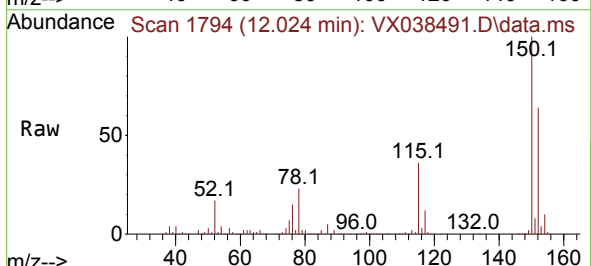
Tgt Ion:152 Resp: 171426

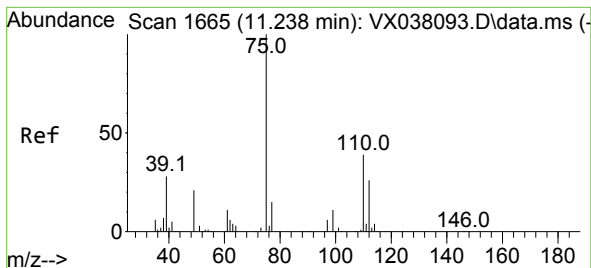
Ion Ratio Lower Upper

152 100

115 58.3 43.3 129.9

150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.562 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038491.D

Acq: 25 Oct 2023 19:35

Instrument :

MSVOA_X

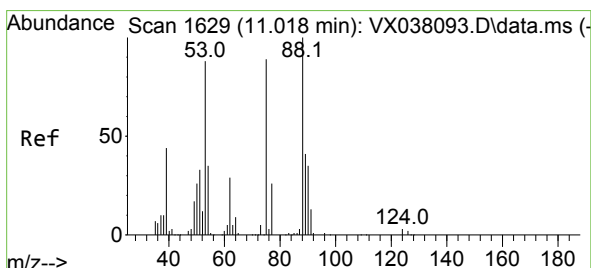
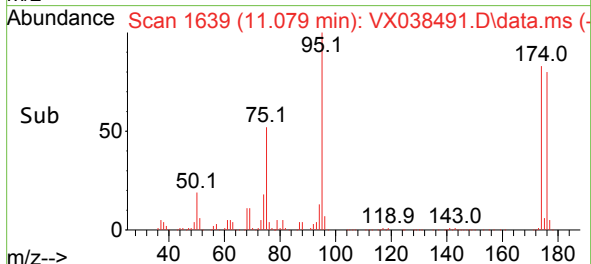
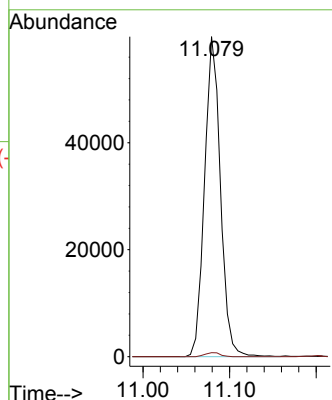
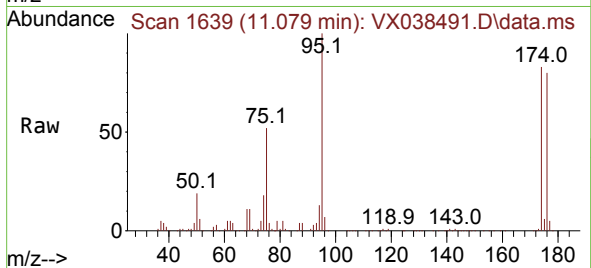
ClientSampleId :

Tgt Ion: 75 Resp: 76236

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.546 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038491.D

Acq: 25 Oct 2023 19:35

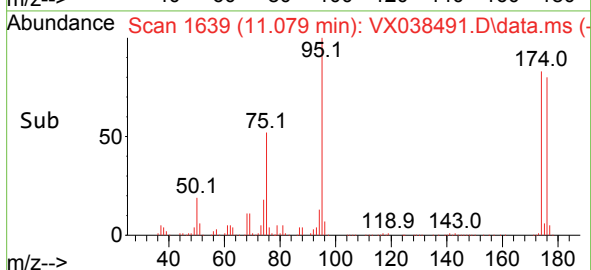
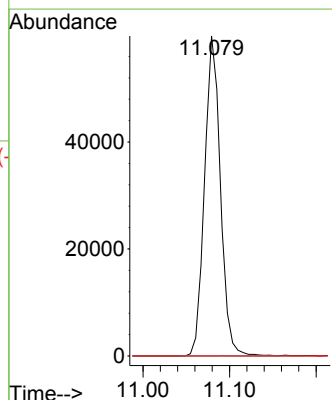
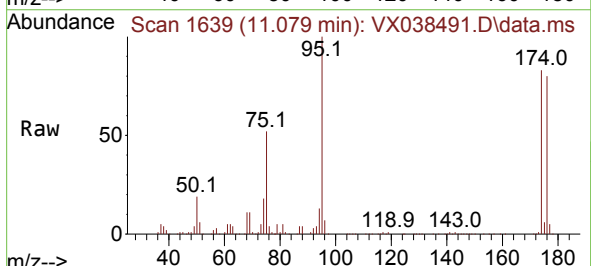
Tgt Ion: 75 Resp: 76236

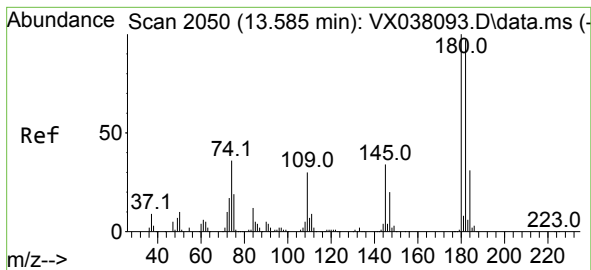
Ion Ratio Lower Upper

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# 20

Delta R.T. 0.006 min

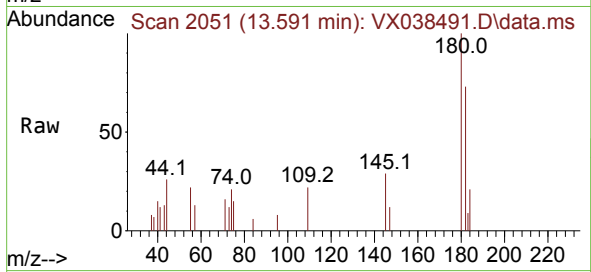
Lab File: VX038491.D

Acq: 25 Oct 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1007

Ion Ratio Lower Upper

180 100

182 92.9 48.3 144.8

145 35.5 18.0 54.0

