

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038502.D
 Acq On : 26 Oct 2023 06:44
 Operator : JC/MD
 Sample : 05049-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 08:39:22 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)

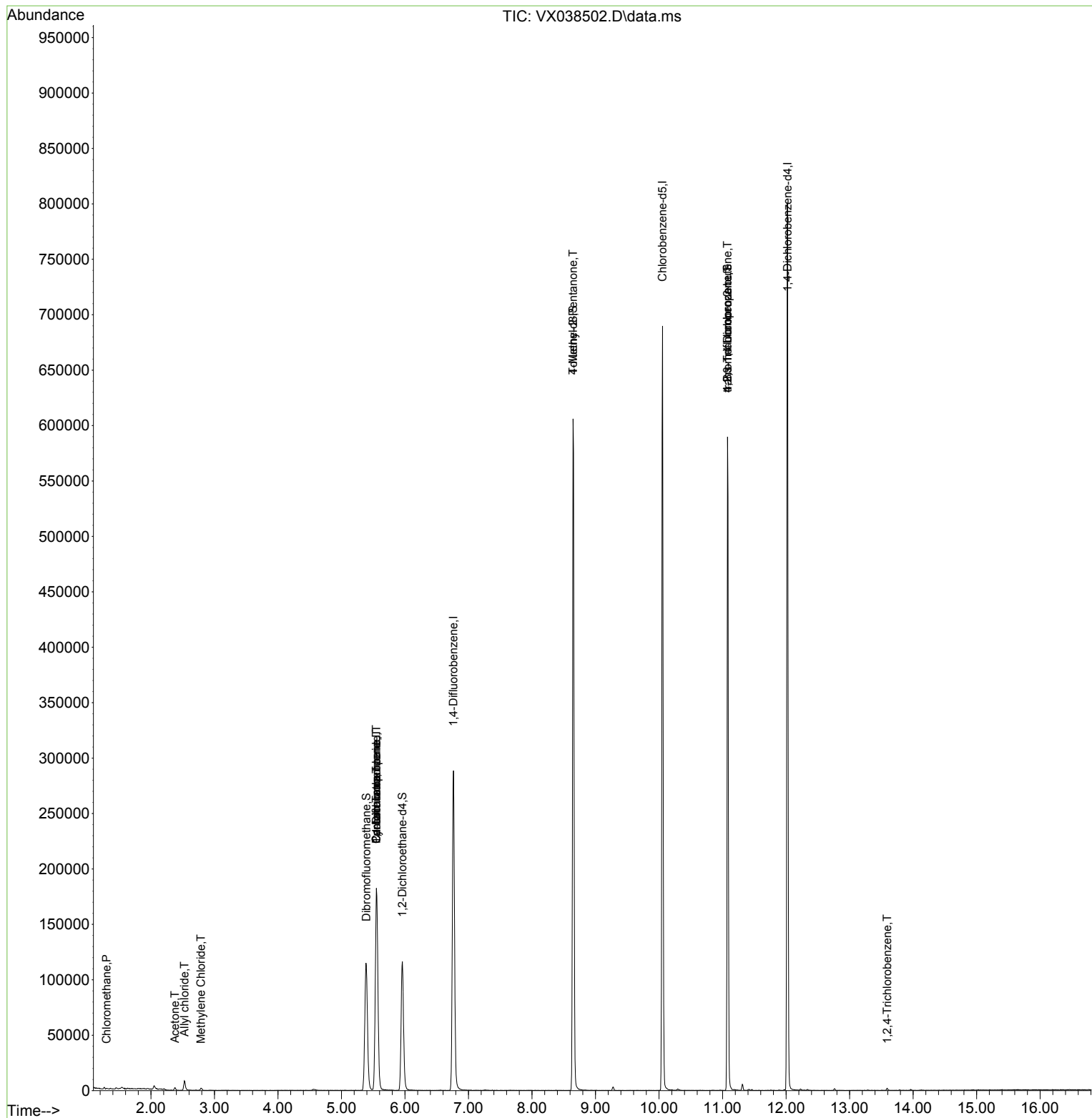
Internal Standards						
1) Pentafluorobenzene	5.550	168	178444	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	308173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113415	39.515	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.040%
35) Dibromofluoromethane	5.391	113	101575	45.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	376579	44.380	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.760%#
62) 4-Bromofluorobenzene	11.079	95	152093	47.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	439	0.250	ug/l	# 83
5) Bromomethane	1.575	94	19	Below Cal	#	3
6) Chloroethane	1.697	64	177	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	147	Below Cal	#	78
14) Allyl chloride	2.526	41	948	0.325	ug/l	# 70
16) Acetone	2.380	43	2390	1.995	ug/l	92
20) Methylene Chloride	2.788	84	1043	0.463	ug/l	# 70
31) Cyclohexane	5.550	56	3714	1.194	ug/l	# 8
36) 1,1-Dichloropropene	5.550	75	12890	4.209	ug/l	# 47
38) Carbon Tetrachloride	5.550	117	18090	6.005	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1317	0.352	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	78901	19.174	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	78901	55.503	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	780	0.203	ug/l	92

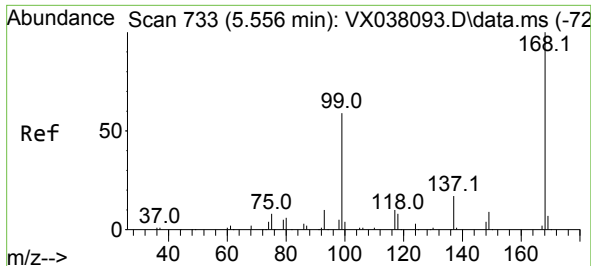
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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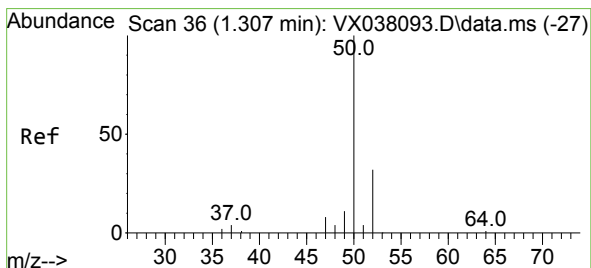
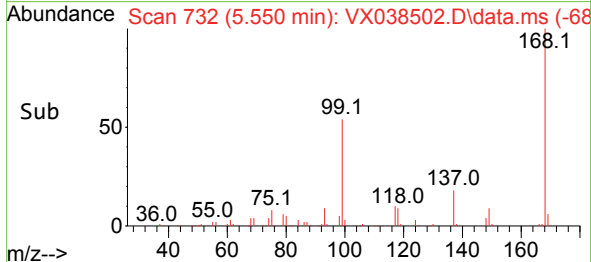
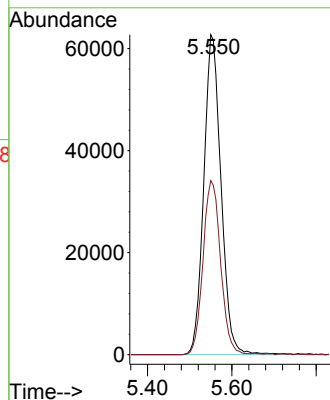
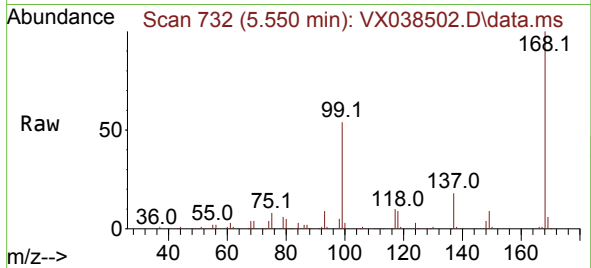




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

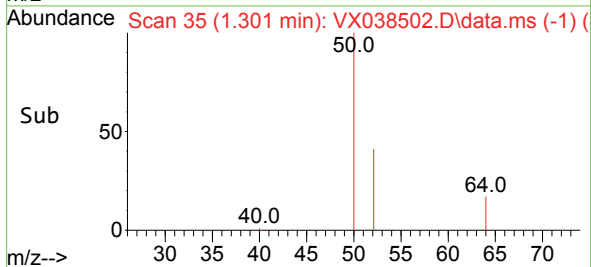
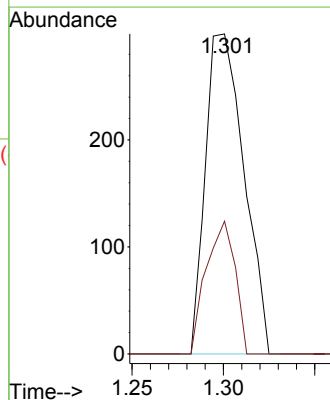
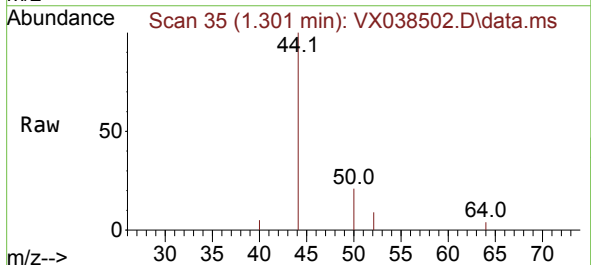
Instrument :
MSVOA_X
ClientSampleId :

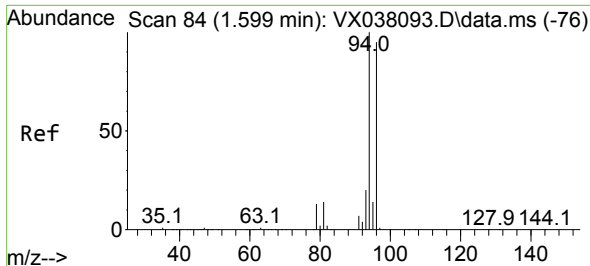
Tgt Ion:168 Resp: 178444
Ion Ratio Lower Upper
168 100
99 54.4 56.6 85.0#



#3
Chloromethane
Concen: 0.250 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 41.5 25.5 38.3#

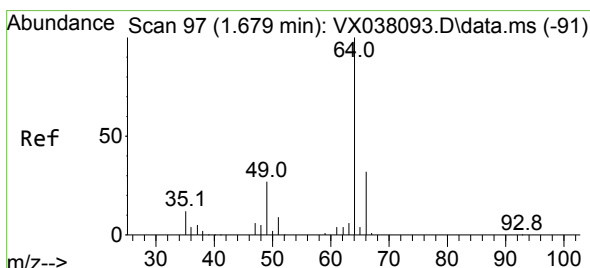
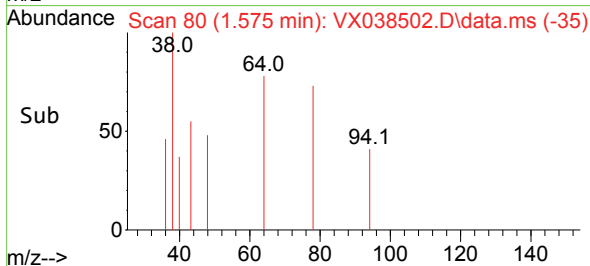
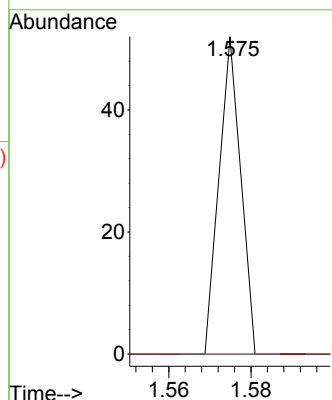
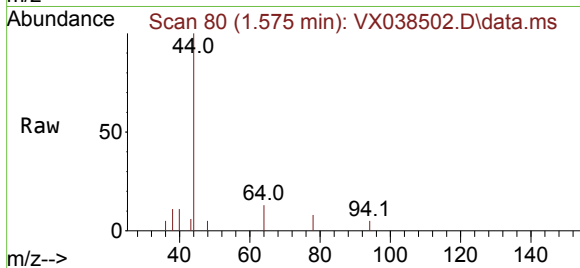




#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

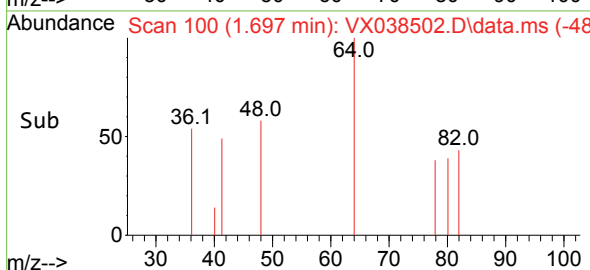
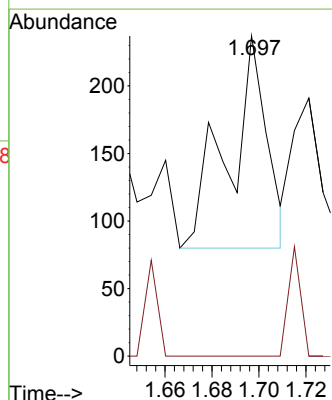
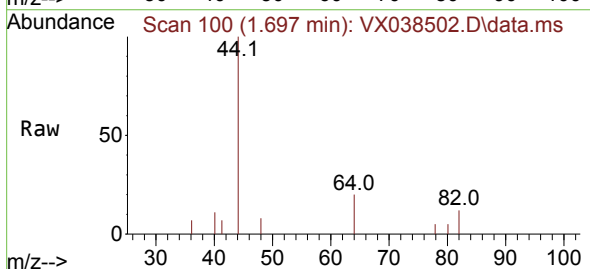
Instrument :
MSVOA_X
ClientSampleId :

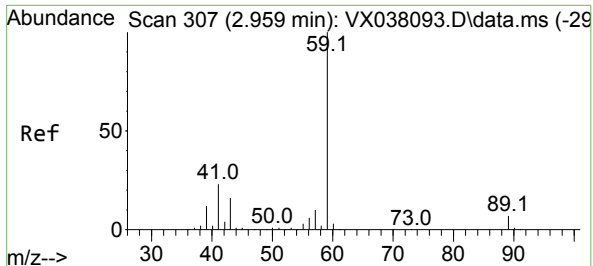
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Tgt Ion: 64 Resp: 177
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# 307

Delta R.T. -0.006 min

Lab File: VX038502.D

Acq: 26 Oct 2023 06:44

Instrument :

MSVOA_X

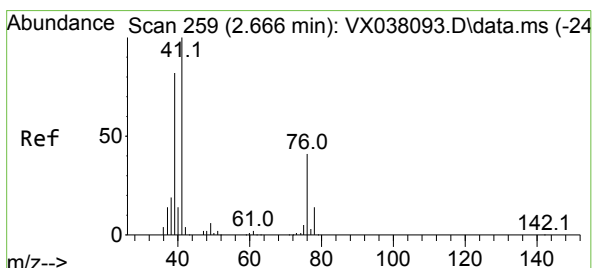
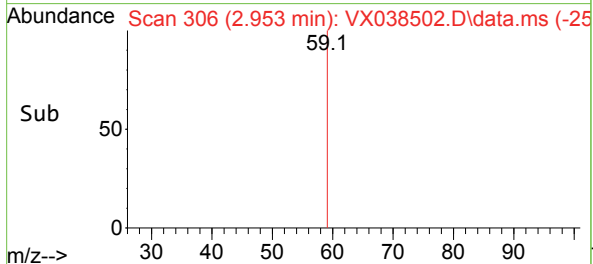
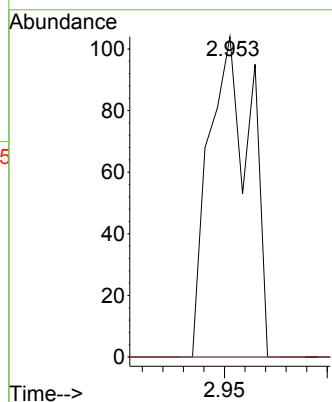
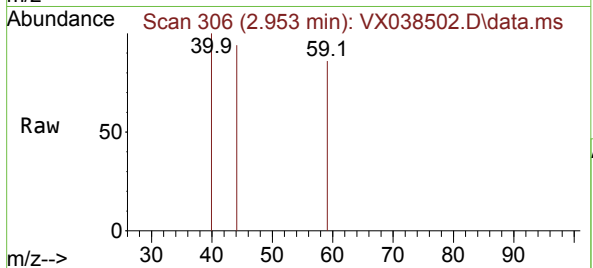
ClientSampleId :

Tgt Ion: 59 Resp: 147

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.325 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.134 min

Lab File: VX038502.D

Acq: 26 Oct 2023 06:44

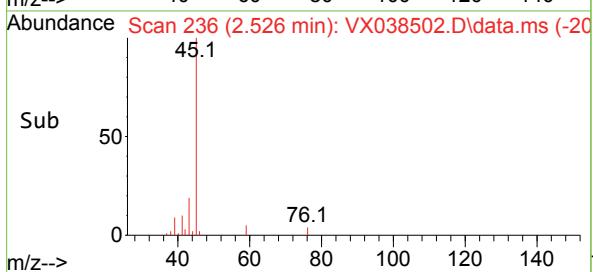
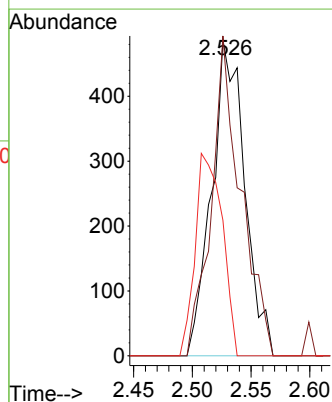
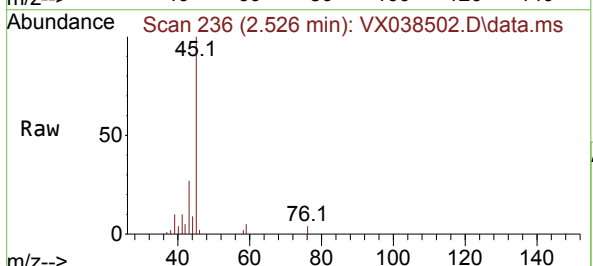
Tgt Ion: 41 Resp: 948

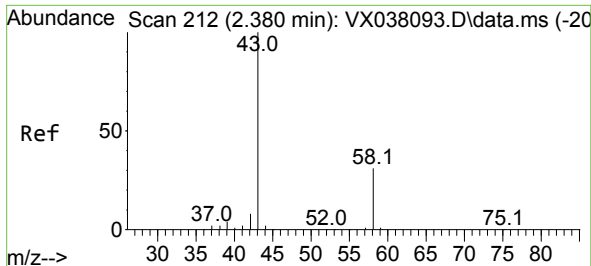
Ion Ratio Lower Upper

41 100

39 90.5 55.8 83.6#

76 52.7 24.3 36.5#





#16

Acetone

Concen: 1.995 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038502.D

Acq: 26 Oct 2023 06:44

Instrument :

MSVOA_X

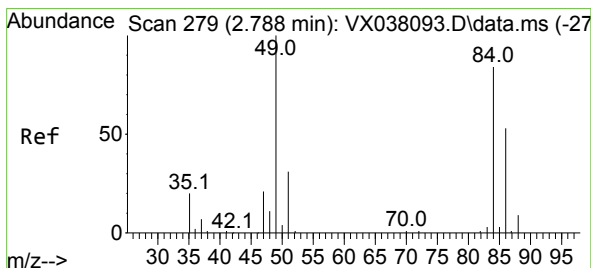
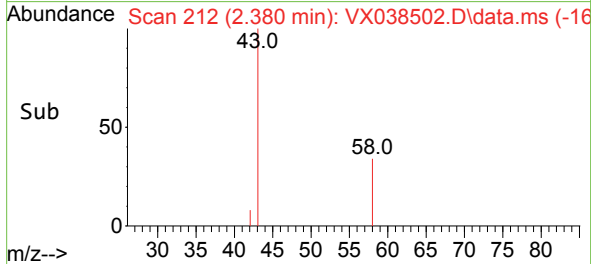
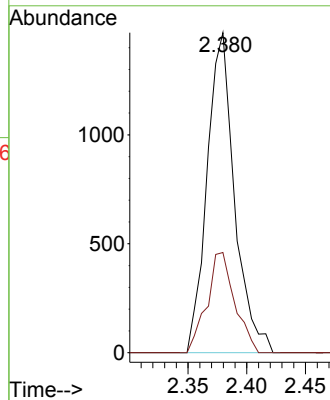
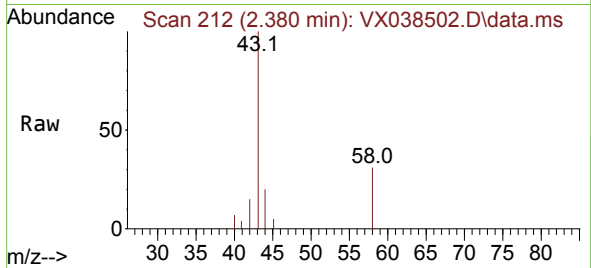
ClientSampleId :

Tgt Ion: 43 Resp: 2390

Ion Ratio Lower Upper

43 100

58 31.3 21.9 32.9



#20

Methylene Chloride

Concen: 0.463 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038502.D

Acq: 26 Oct 2023 06:44

Tgt Ion: 84 Resp: 1043

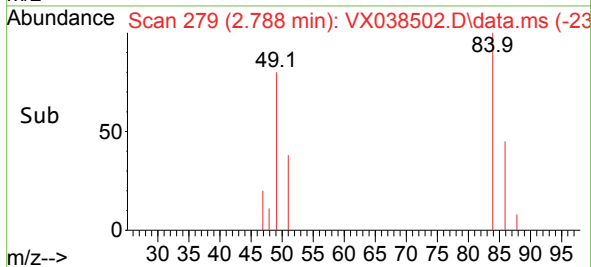
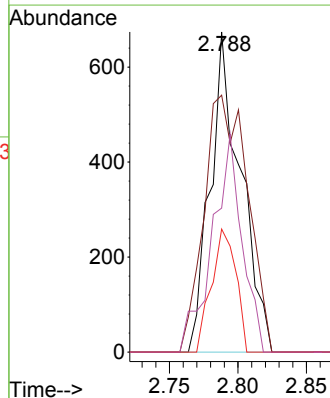
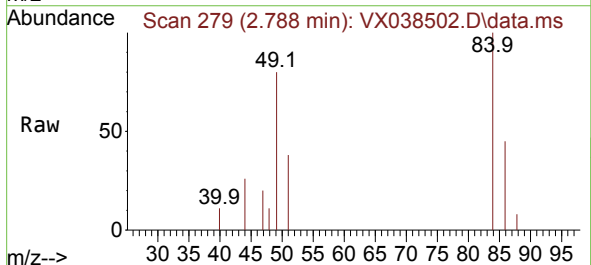
Ion Ratio Lower Upper

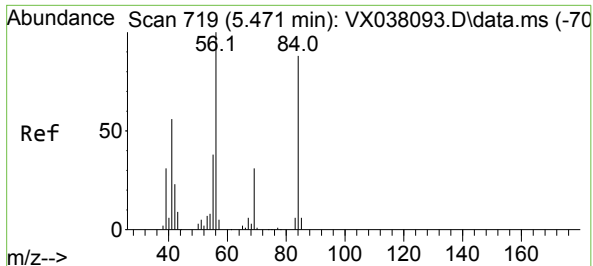
84 100

49 80.3 103.6 155.4#

51 38.4 33.8 50.6

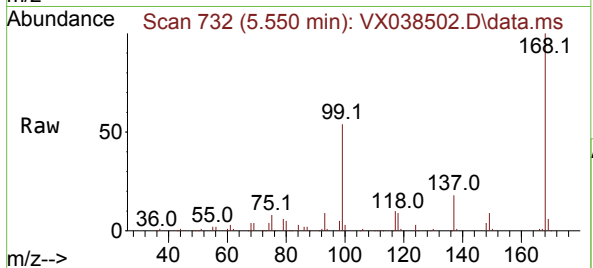
86 45.0 49.4 74.0#



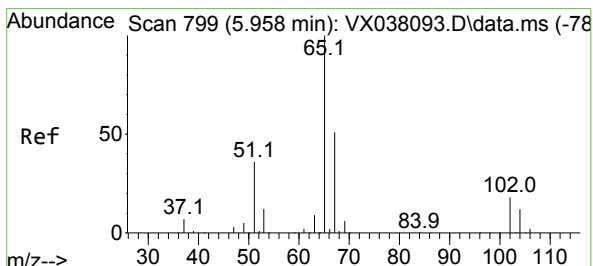
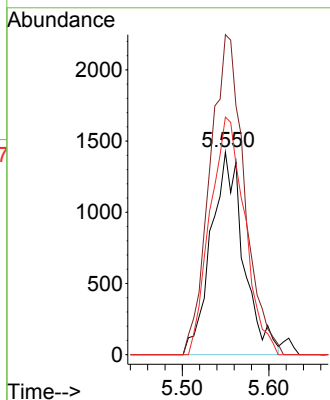
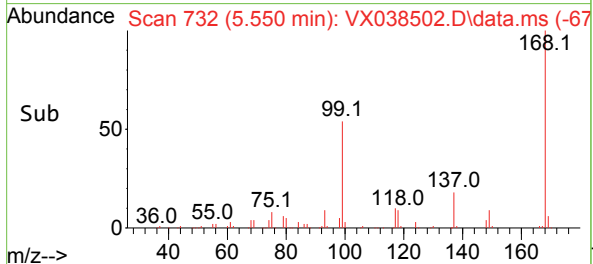


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Instrument :
MSVOA_X
ClientSampleId :

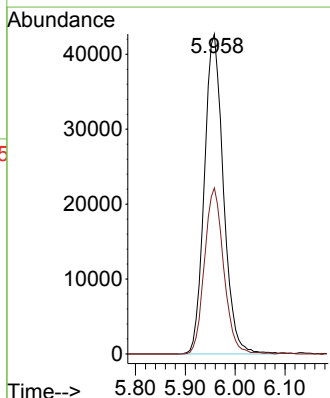
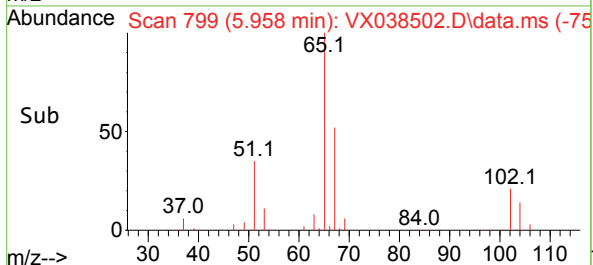
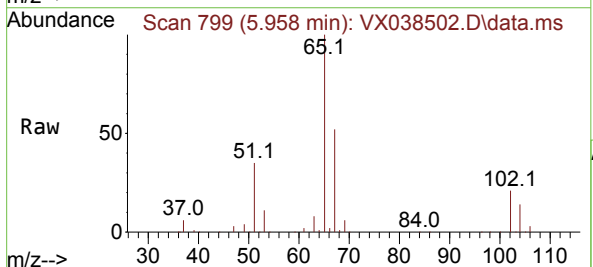


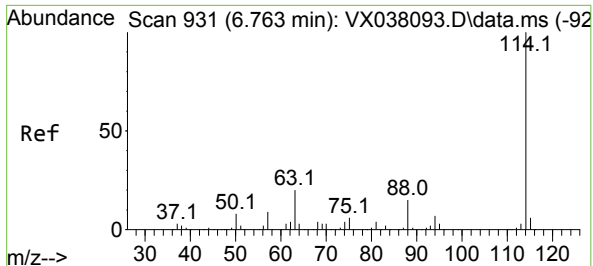
Tgt Ion: 56 Resp: 3714
Ion Ratio Lower Upper
56 100
69 157.9 23.4 35.2#
84 117.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.515 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

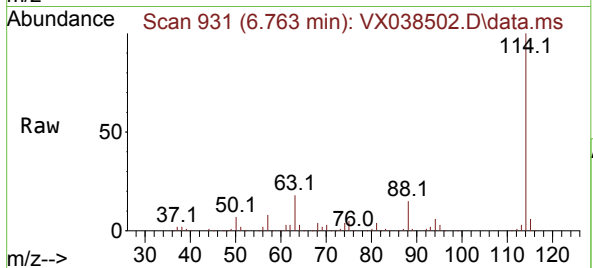
Tgt Ion: 65 Resp: 113415
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



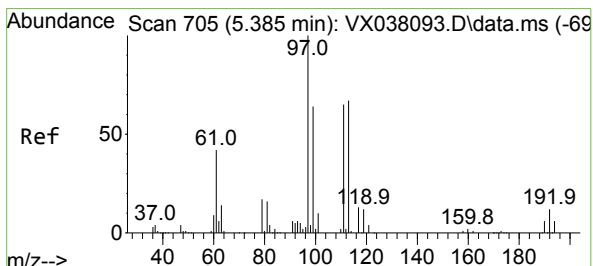
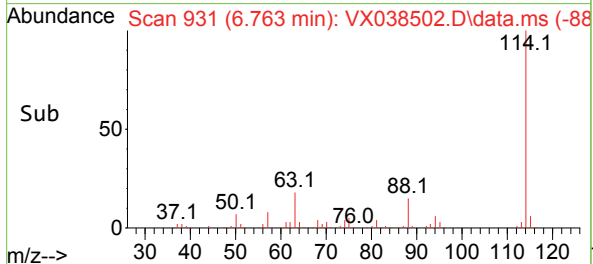
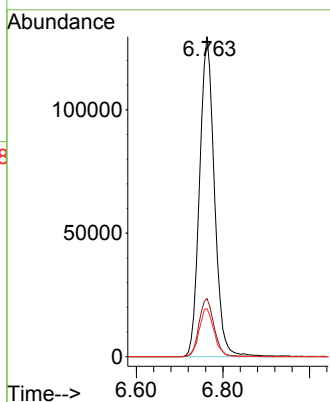


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Instrument :
MSVOA_X
ClientSampleId :

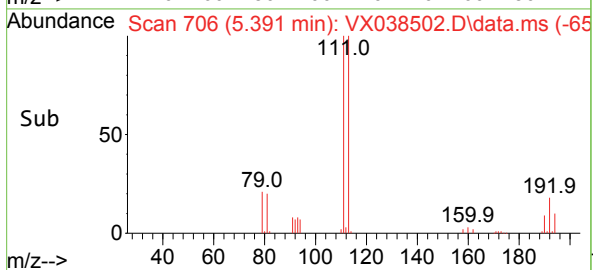
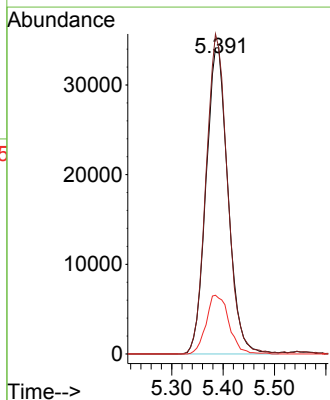
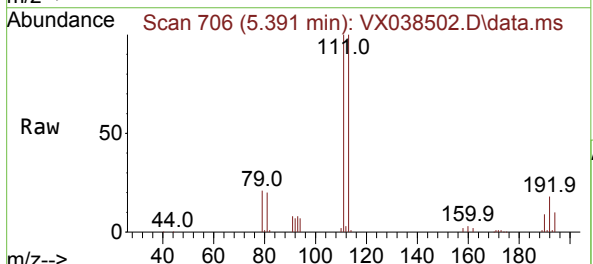


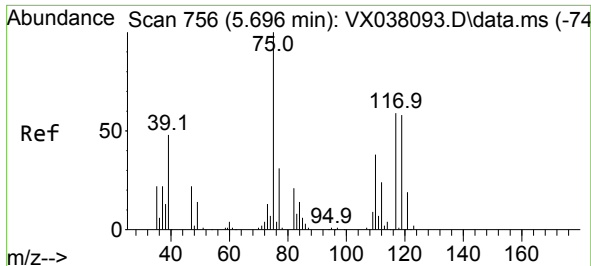
Tgt Ion:114 Resp: 308173
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.743 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

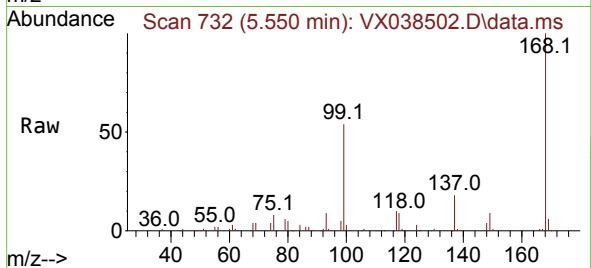
Tgt Ion:113 Resp: 101575
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.8 13.3 19.9



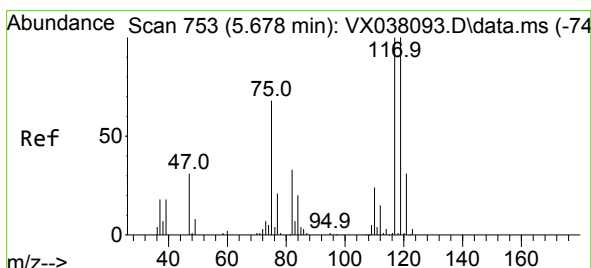
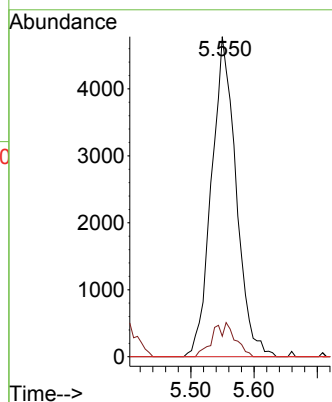
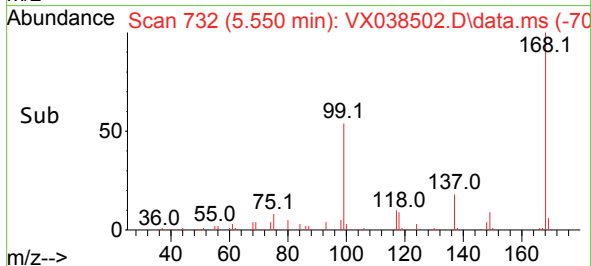


#36
1,1-Dichloropropene
Concen: 4.209 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Instrument :
MSVOA_X
ClientSampleId :

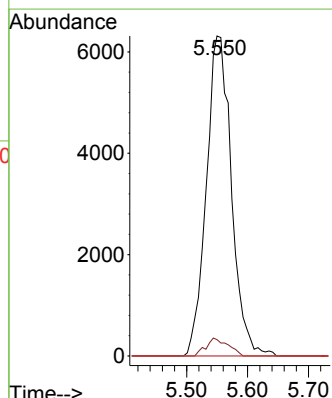
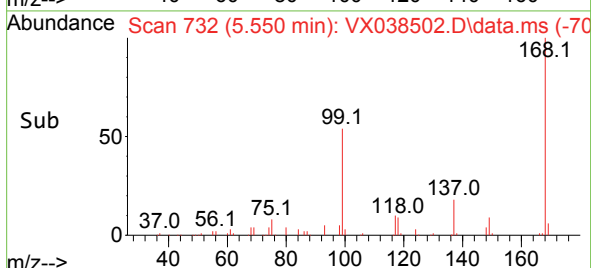
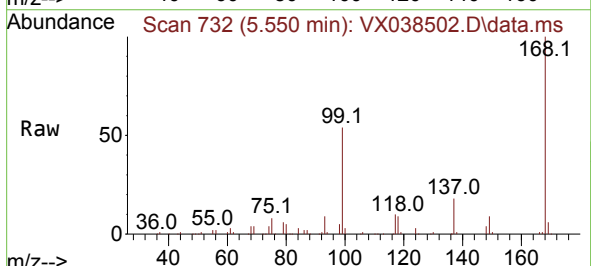


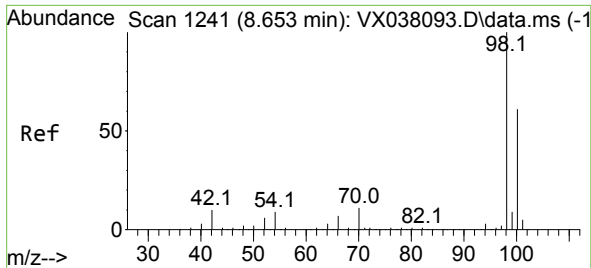
Tgt Ion: 75 Resp: 12890
Ion Ratio Lower Upper
75 100
110 4.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Tgt Ion: 117 Resp: 18090
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

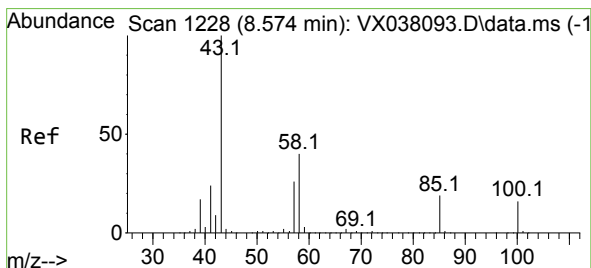
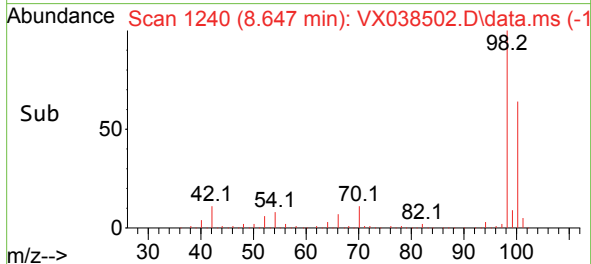
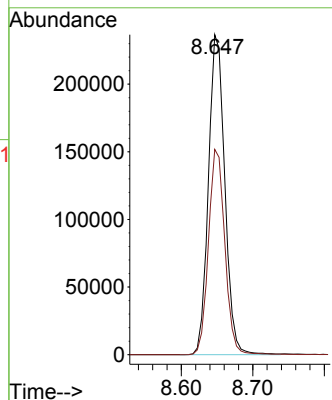
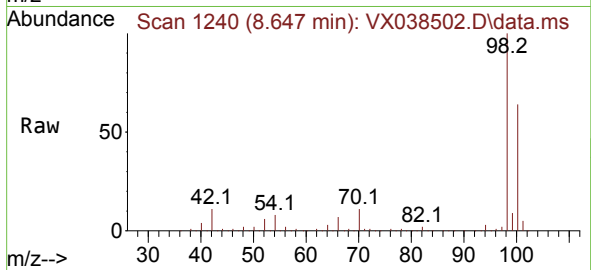




#50
Toluene-d8
Concen: 44.380 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

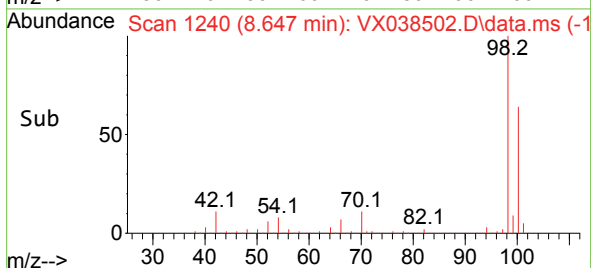
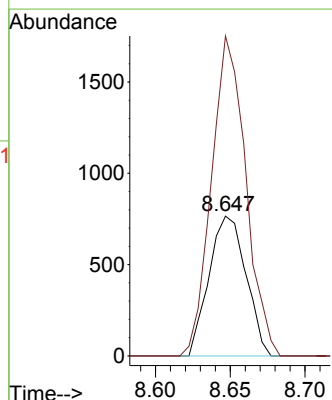
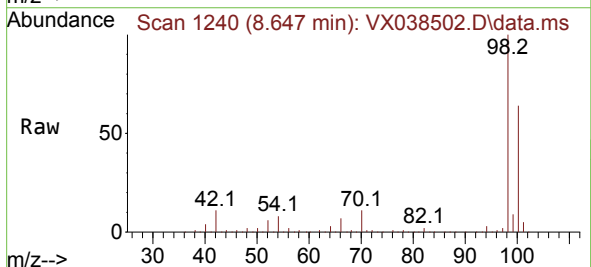
Instrument :
MSVOA_X
ClientSampleId :

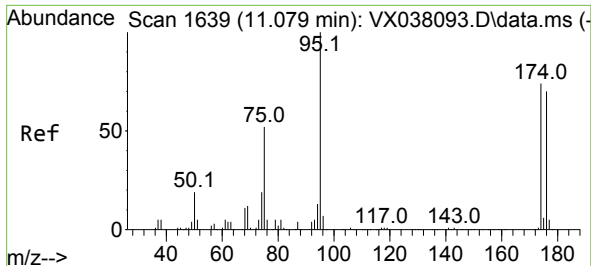
Tgt Ion: 98 Resp: 376579
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 212.5 30.4 45.6#

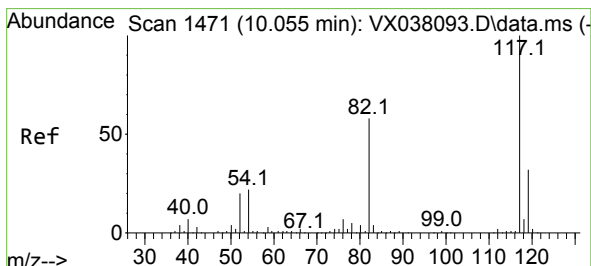
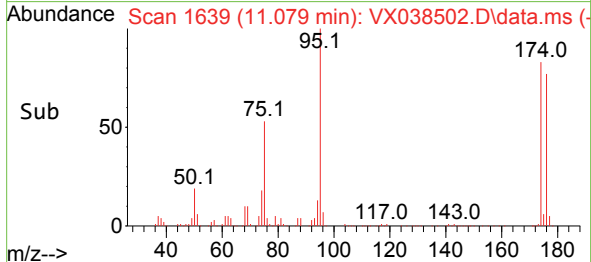
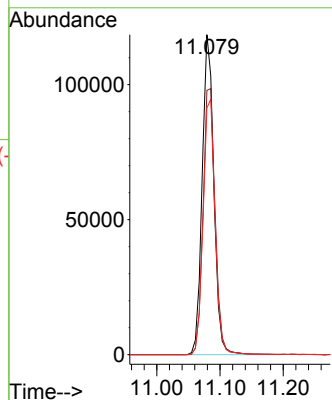
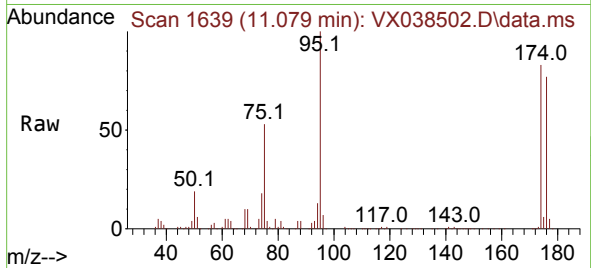




#62
4-Bromofluorobenzene
Concen: 47.279 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

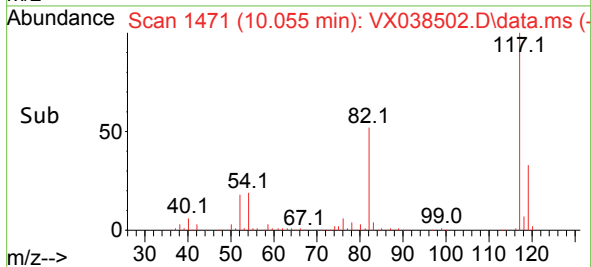
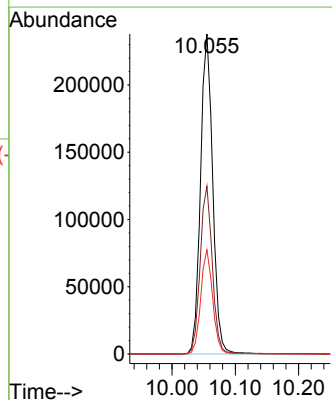
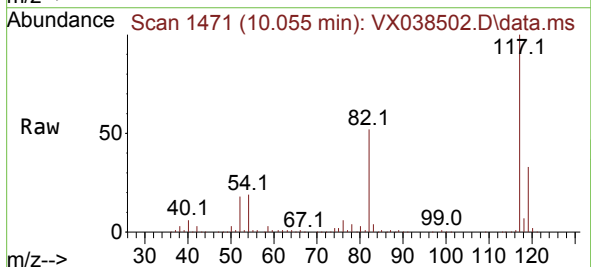
Instrument :
MSVOA_X
ClientSampleId :

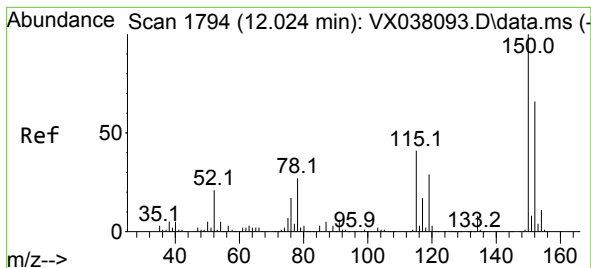
Tgt Ion: 95 Resp: 152093
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 82.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Tgt Ion: 117 Resp: 320215
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 32.6 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: VX038502.D

Acq: 26 Oct 2023 06:44

Instrument :

MSVOA_X

ClientSampleId :

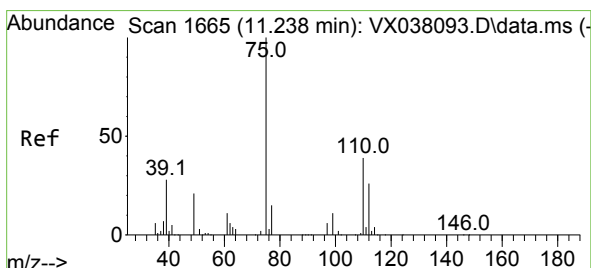
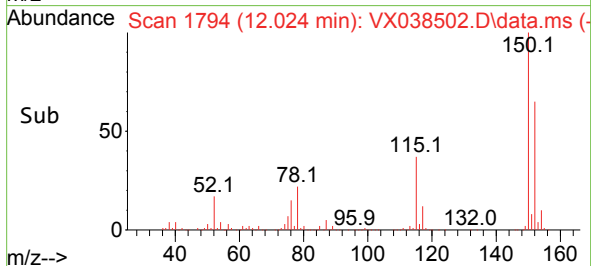
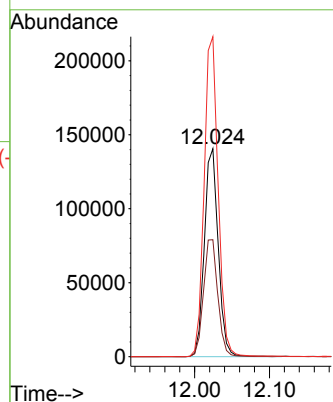
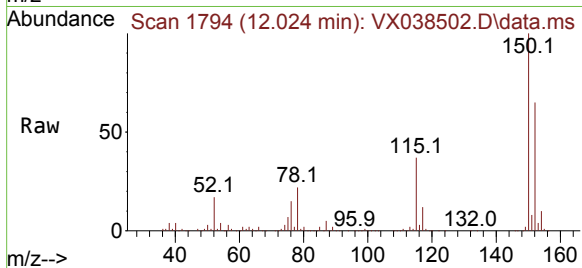
Tgt Ion:152 Resp: 181012

Ion Ratio Lower Upper

152 100

115 58.1 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.174 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038502.D

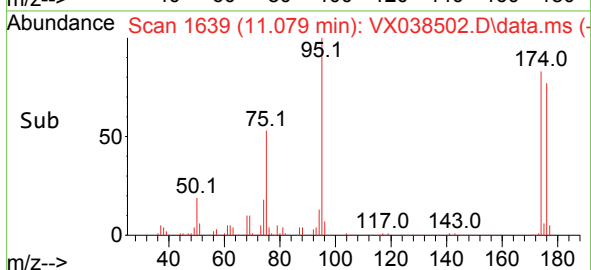
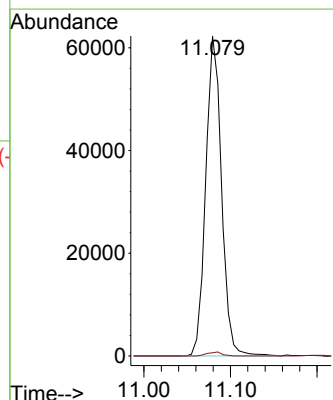
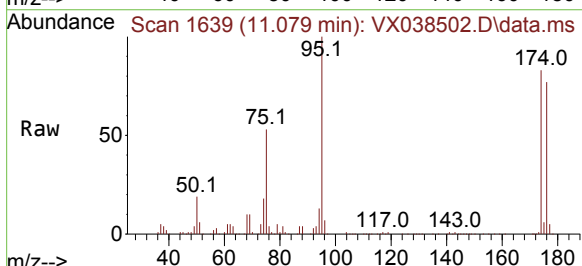
Acq: 26 Oct 2023 06:44

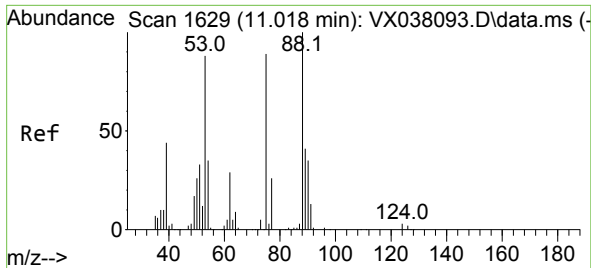
Tgt Ion: 75 Resp: 78901

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

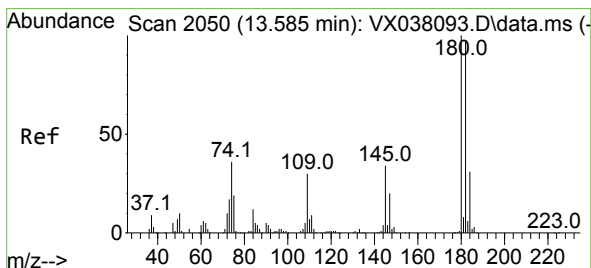
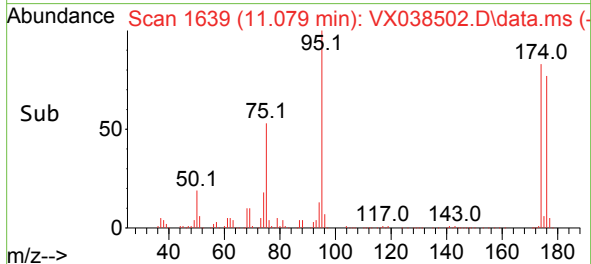
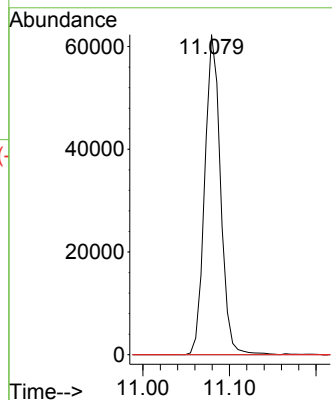
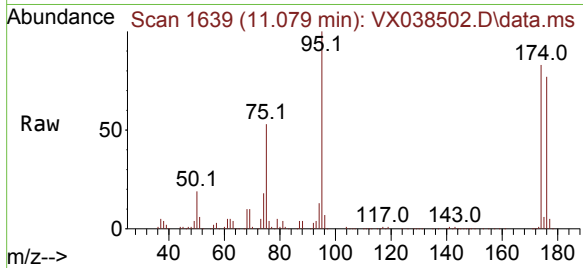




#81
trans-1,4-Dichloro-2-butene
Concen: 55.503 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 78901
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: 0.203 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038502.D
Acq: 26 Oct 2023 06:44

Tgt Ion:180 Resp: 780
Ion Ratio Lower Upper
180 100
182 100.8 48.3 144.8
145 25.3 18.0 54.0

