

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038500.D
 Acq On : 26 Oct 2023 05:57
 Operator : JC/MD
 Sample : 05040-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 08:38:37 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)

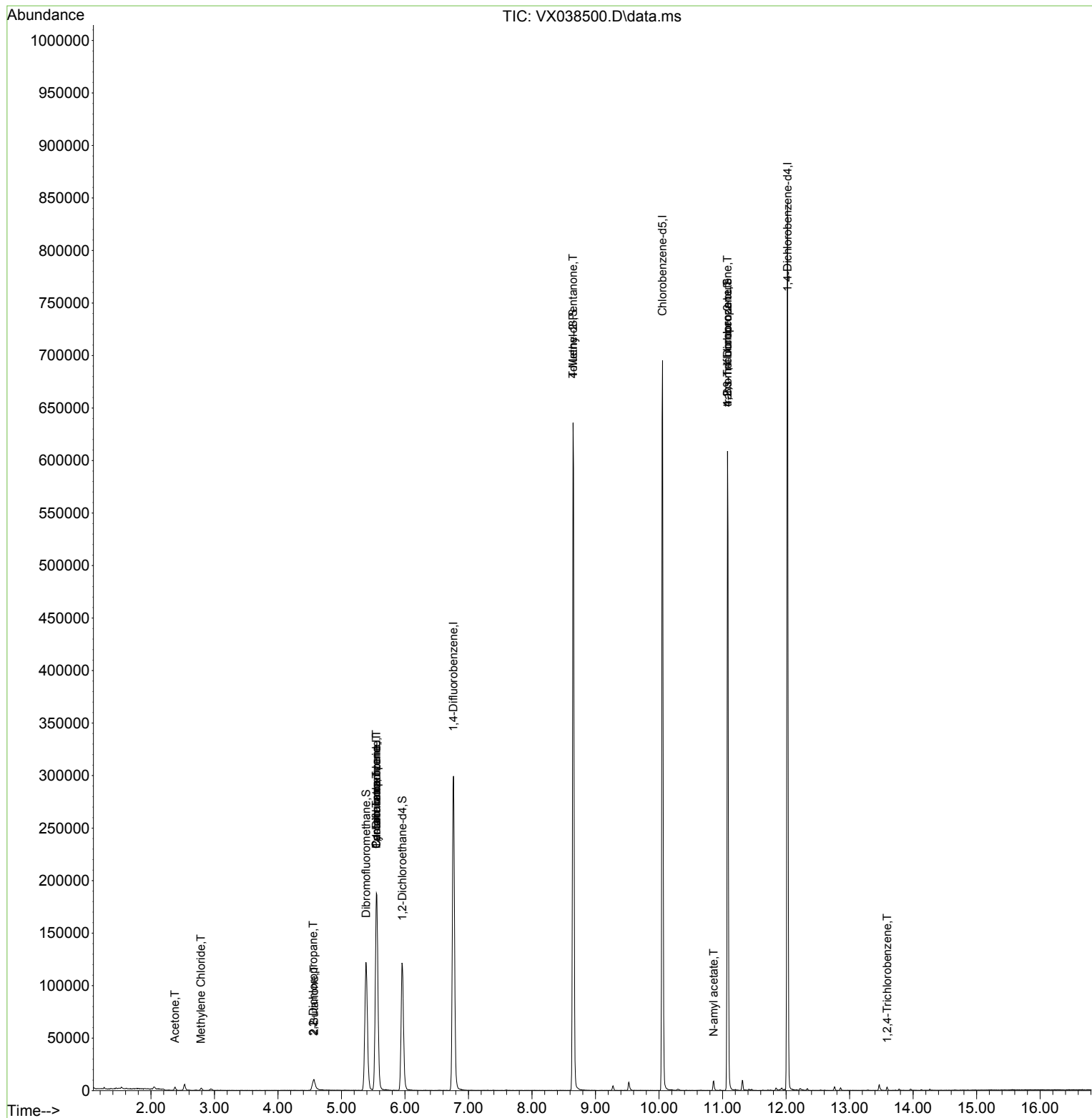
Internal Standards						
1) Pentafluorobenzene	5.550	168	188286	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	320734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116826	38.576	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	77.160%	#	
35) Dibromofluoromethane	5.385	113	103842	44.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.860%		
50) Toluene-d8	8.647	98	388540	43.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.000%	#	
62) 4-Bromofluorobenzene	11.079	95	153145	45.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	118	Below Cal	#	70
6) Chloroethane	1.685	64	93	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	1042	Below Cal	#	78
16) Acetone	2.380	43	2931	2.319	ug/l	100
20) Methylene Chloride	2.788	84	976	0.411	ug/l	# 79
25) 2-Butanone	4.568	43	574	0.281	ug/l	# 51
26) 2,2-Dichloropropane	4.556	77	916	0.299	ug/l	# 54
31) Cyclohexane	5.550	56	3670	1.119	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	14202	4.456	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	18122	5.780	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1515	0.389	ug/l	# 1
74) N-amyl acetate	10.860	43	1214	0.234	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	79806	19.413	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	79806	56.147	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	856	0.223	ug/l	93

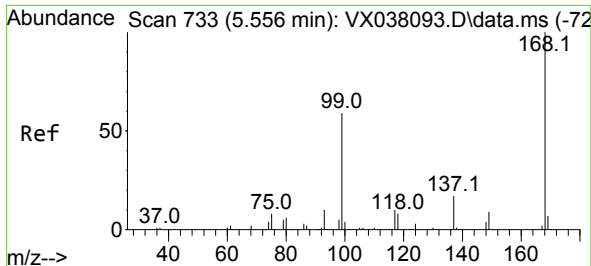
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

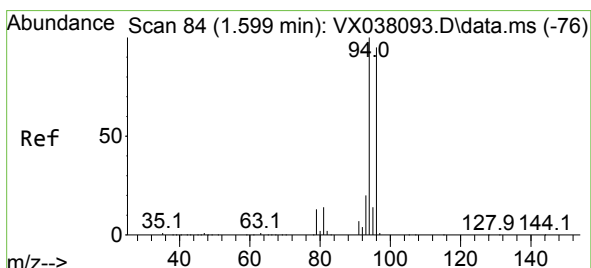
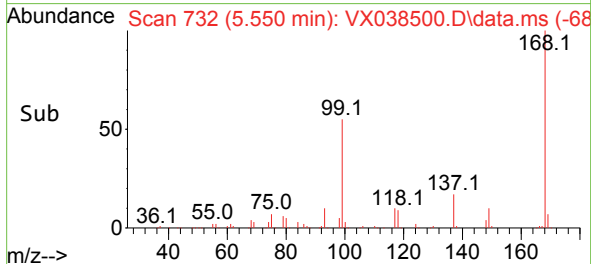
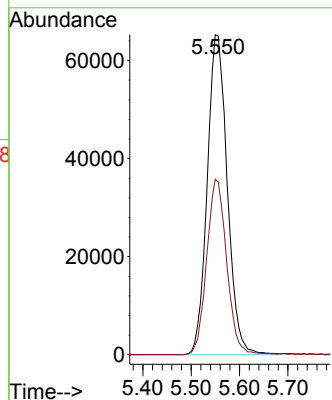
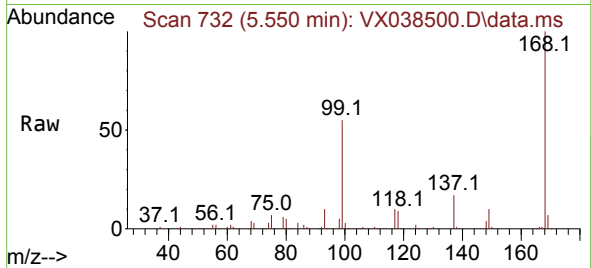




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

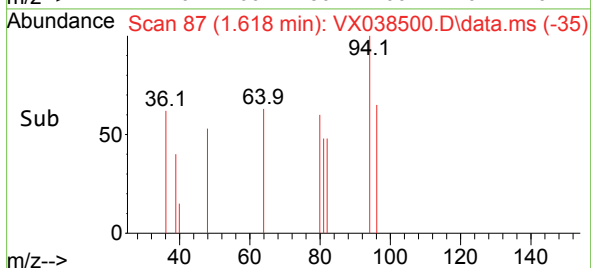
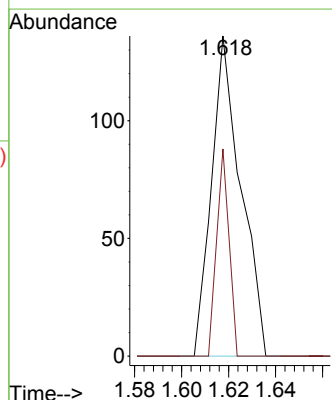
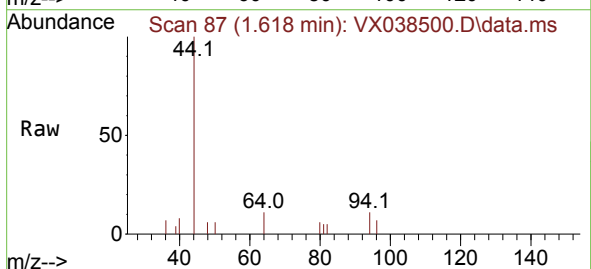
Instrument :
MSVOA_X
ClientSampleId :

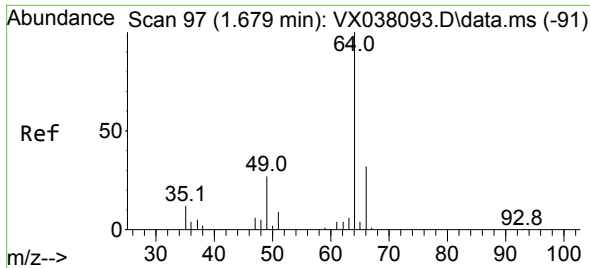
Tgt Ion:168 Resp: 188286
Ion Ratio Lower Upper
168 100
99 54.9 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

Tgt Ion: 94 Resp: 118
Ion Ratio Lower Upper
94 100
96 64.7 74.6 111.8#

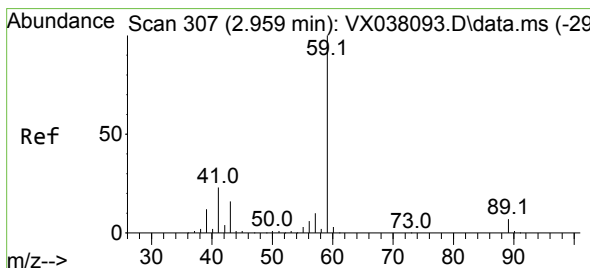
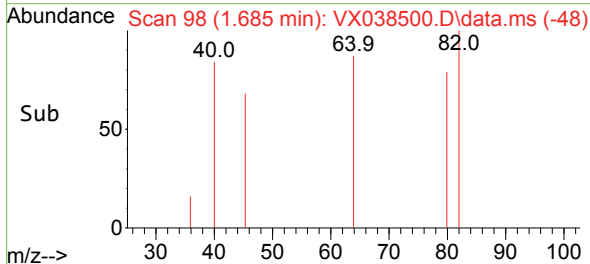
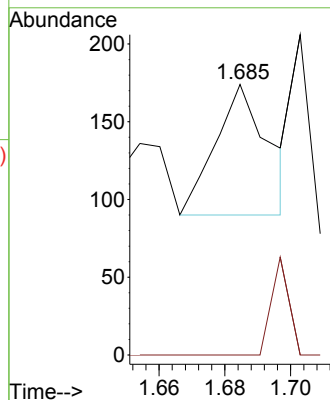
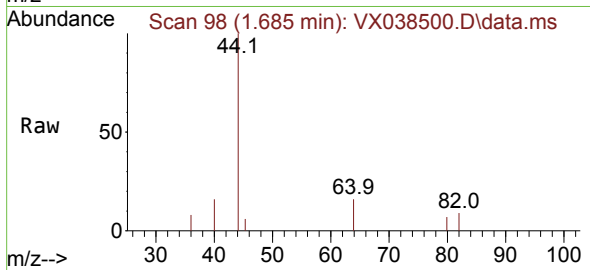




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

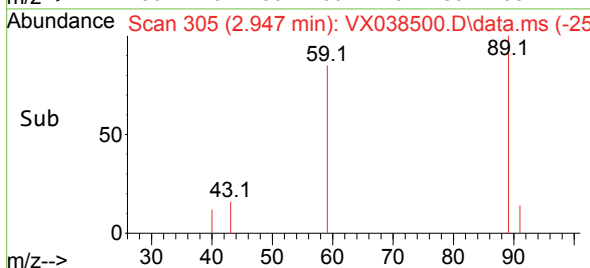
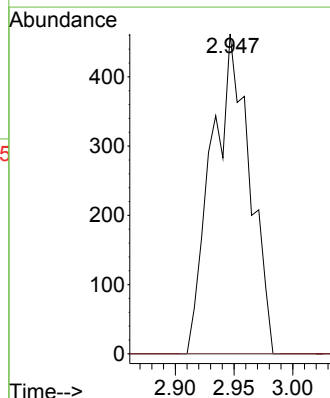
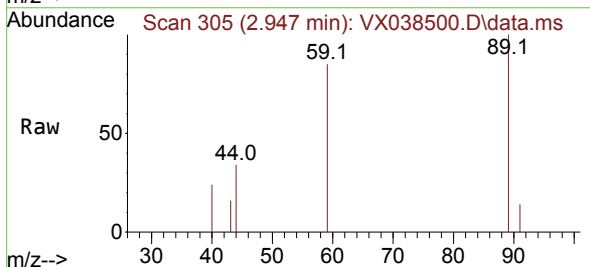
Instrument :
MSVOA_X
ClientSampleId :

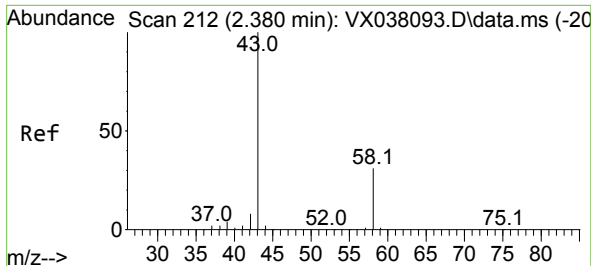
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

Tgt Ion: 59 Resp: 1042
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.319 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038500.D

Acq: 26 Oct 2023 05:57

Instrument :

MSVOA_X

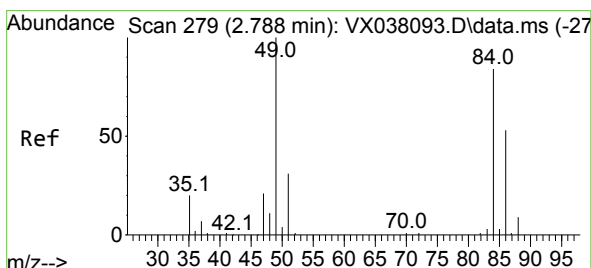
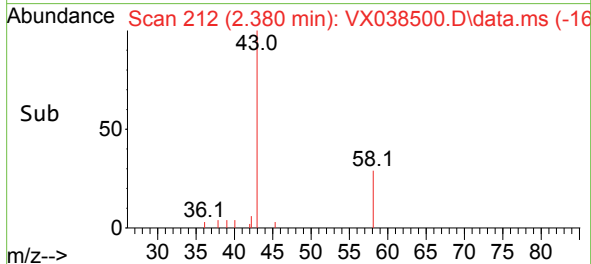
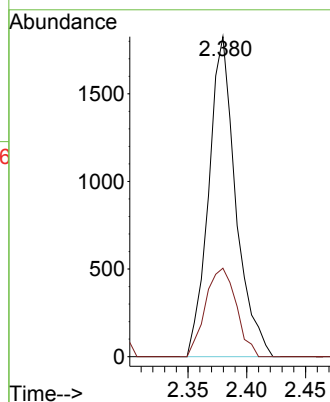
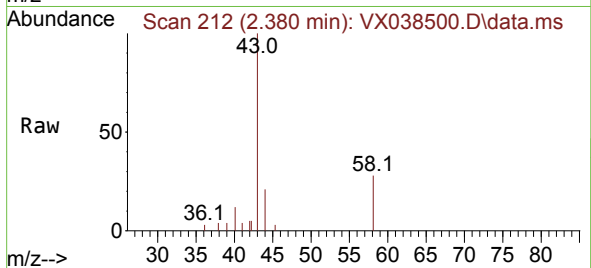
ClientSampleId :

Tgt Ion: 43 Resp: 2931

Ion Ratio Lower Upper

43 100

58 27.7 21.9 32.9



#20

Methylene Chloride

Concen: 0.411 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038500.D

Acq: 26 Oct 2023 05:57

Tgt Ion: 84 Resp: 976

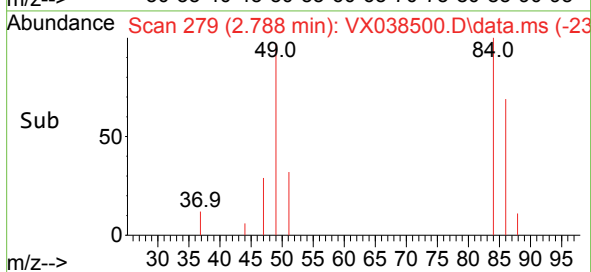
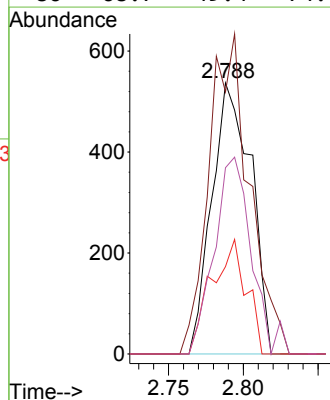
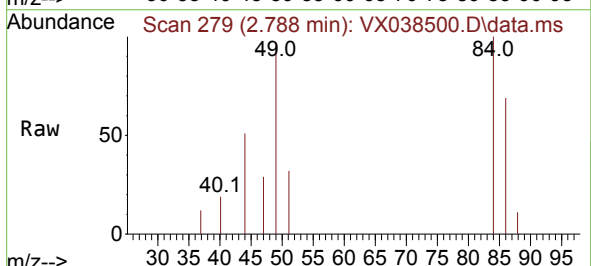
Ion Ratio Lower Upper

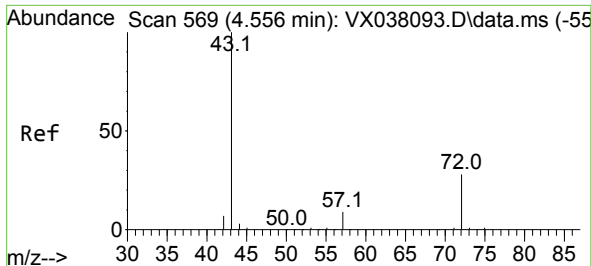
84 100

49 96.6 103.6 155.4#

51 32.2 33.8 50.6#

86 68.7 49.4 74.0





#25

2-Butanone

Concen: 0.281 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX038500.D

Acq: 26 Oct 2023 05:57

Instrument :

MSVOA_X

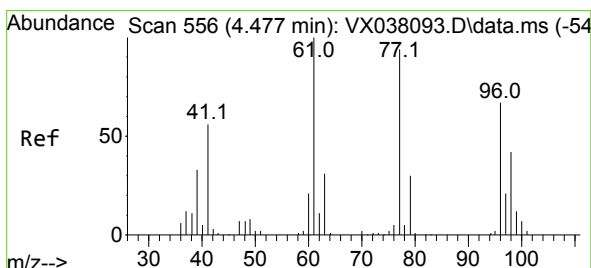
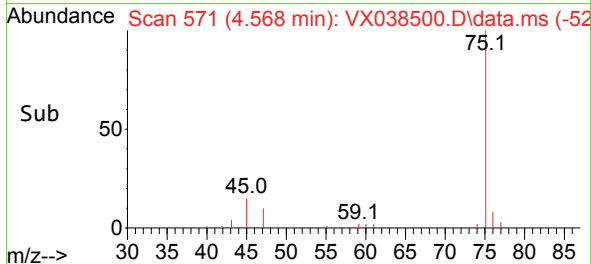
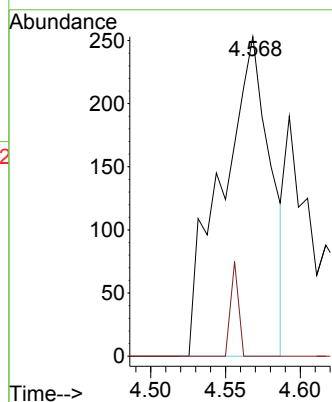
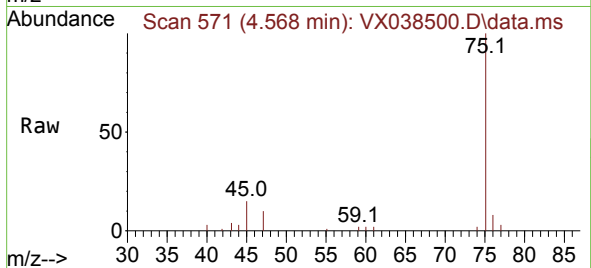
ClientSampleId :

Tgt Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.299 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.079 min

Lab File: VX038500.D

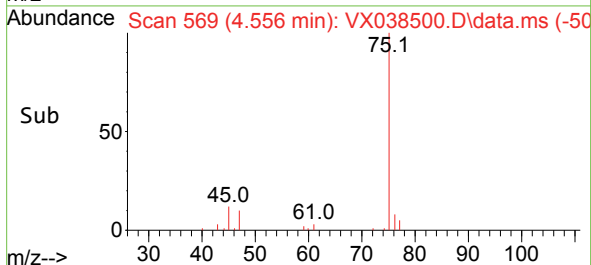
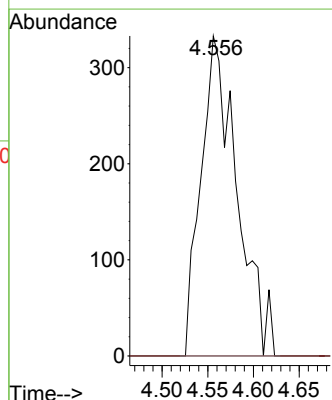
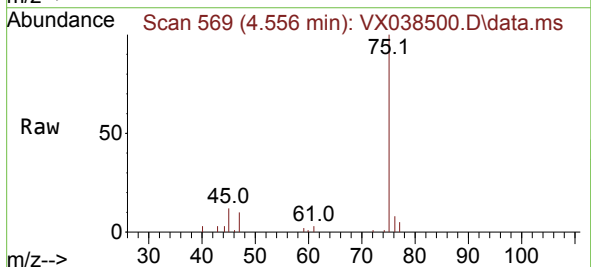
Acq: 26 Oct 2023 05:57

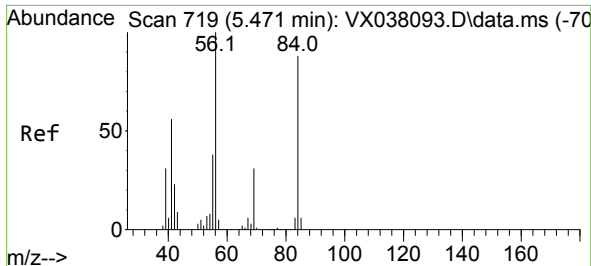
Tgt Ion: 77 Resp: 916

Ion Ratio Lower Upper

77 100

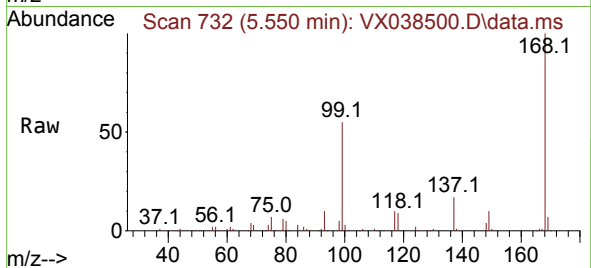
97 0.0 10.8 32.3#



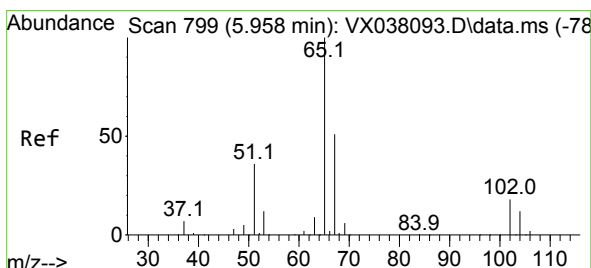
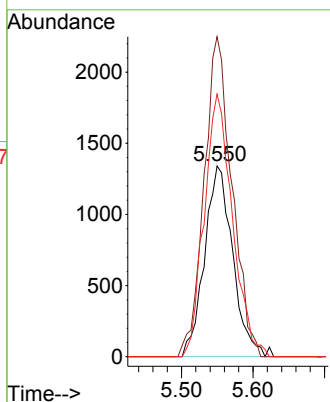
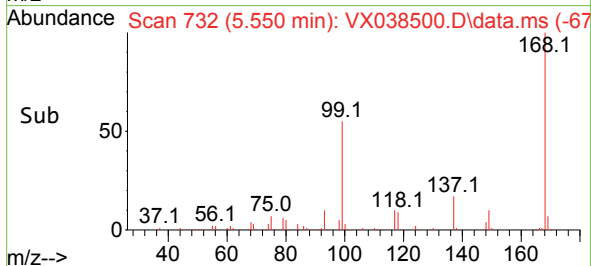


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

Instrument :
MSVOA_X
ClientSampleId :

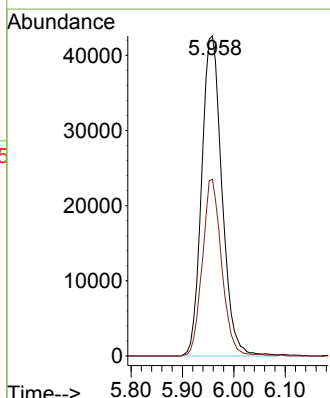
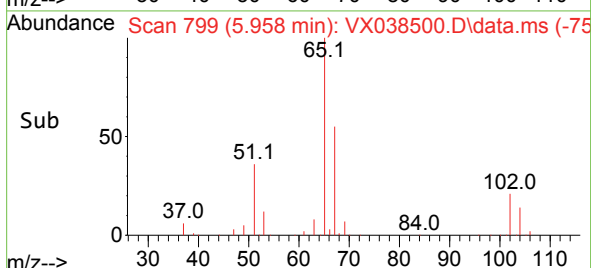
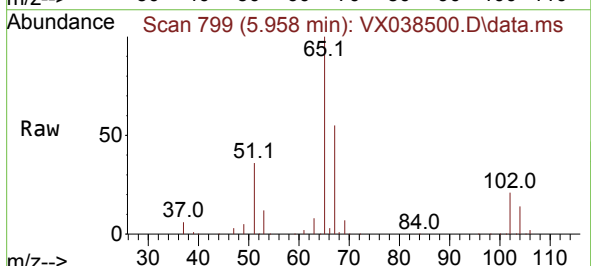


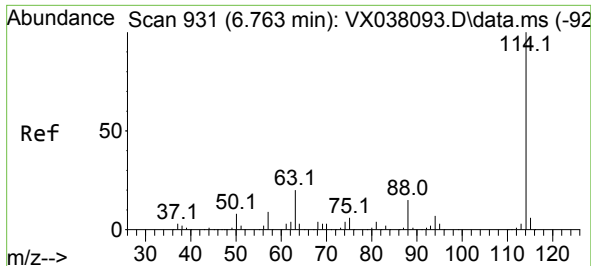
Tgt Ion: 56 Resp: 3670
Ion Ratio Lower Upper
56 100
69 167.7 23.4 35.2#
84 137.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 38.576 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

Tgt Ion: 65 Resp: 116826
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

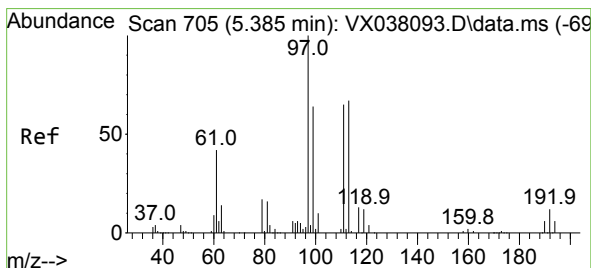
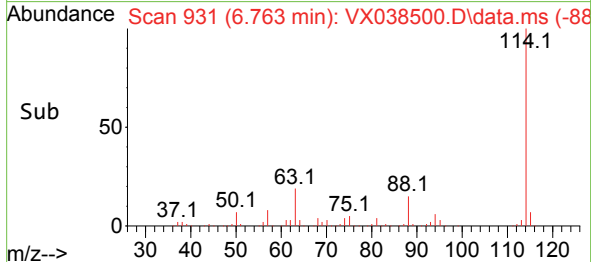
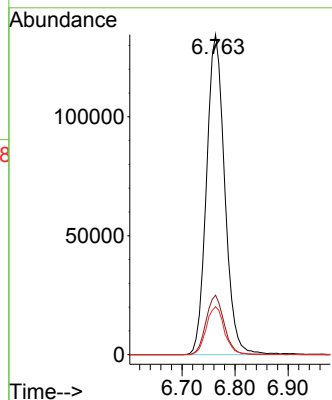
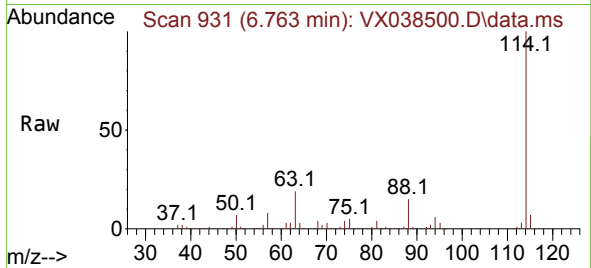




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

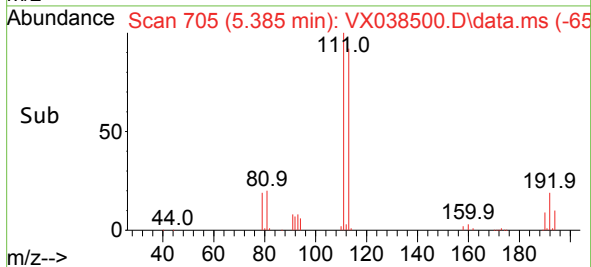
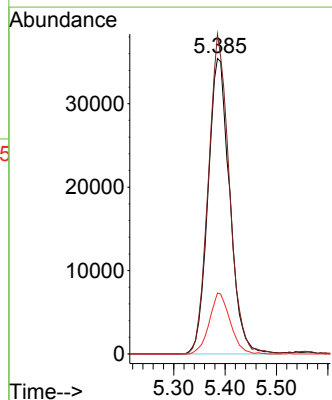
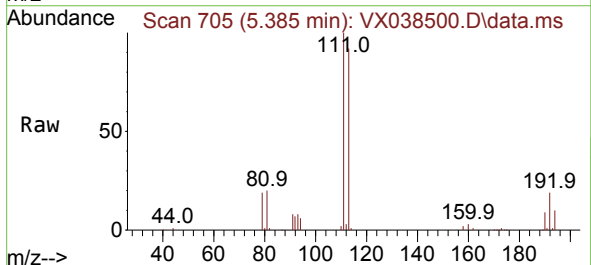
Instrument :
MSVOA_X
ClientSampleId :

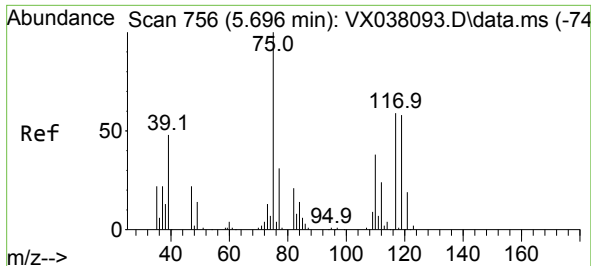
Tgt Ion:114 Resp: 320734
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.932 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

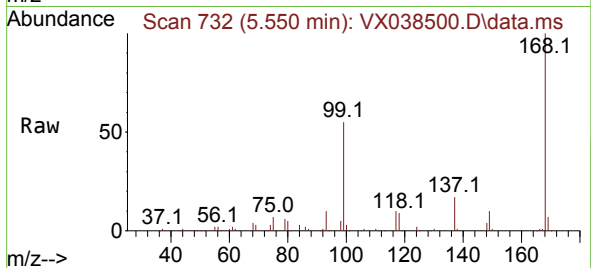
Tgt Ion:113 Resp: 103842
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.8 13.3 19.9



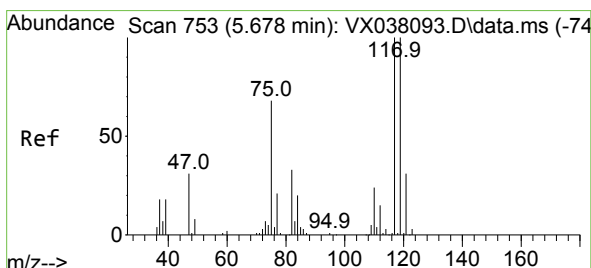
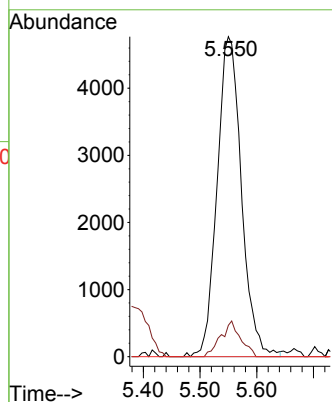
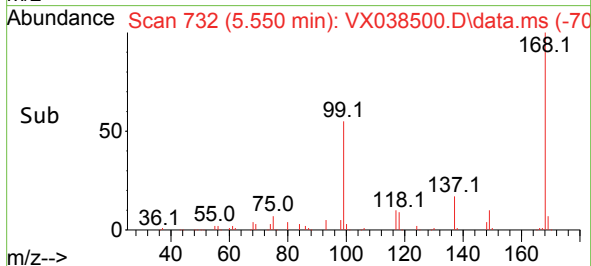


#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

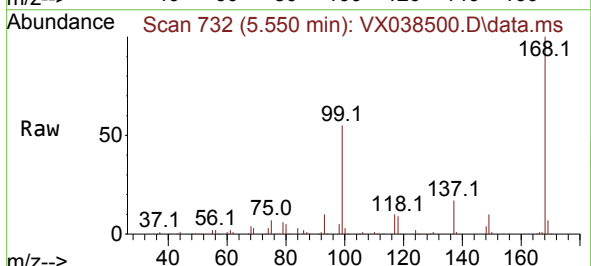
Instrument :
MSVOA_X
ClientSampleId :



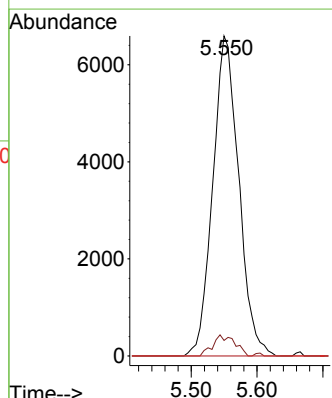
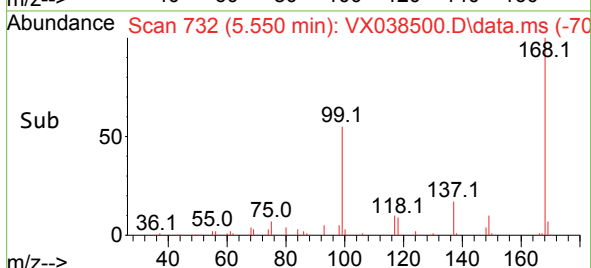
Tgt Ion: 75 Resp: 14202
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#

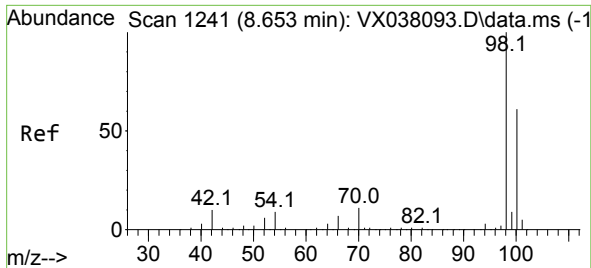


#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57



Tgt Ion: 117 Resp: 18122
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

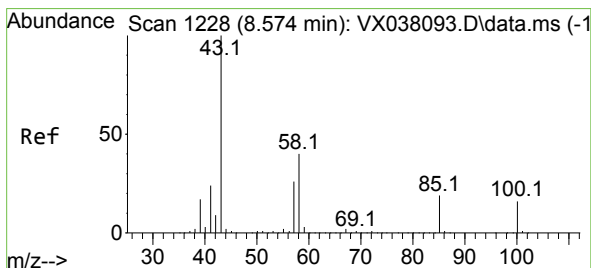
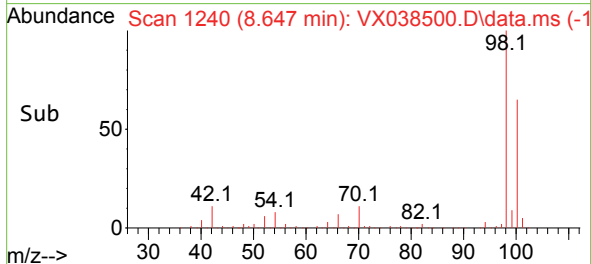
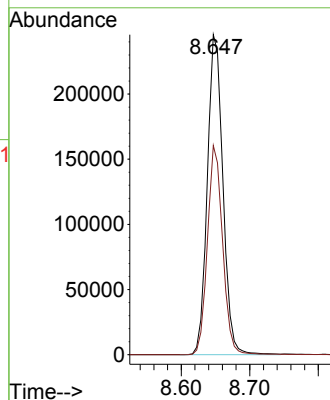
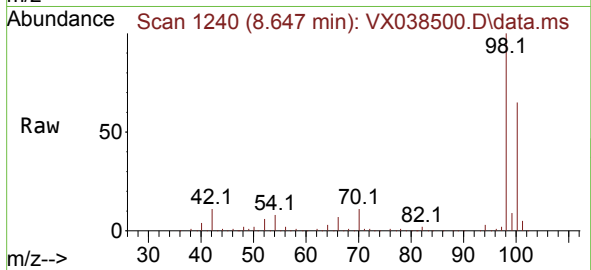




#50
Toluene-d8
Concen: 43.996 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

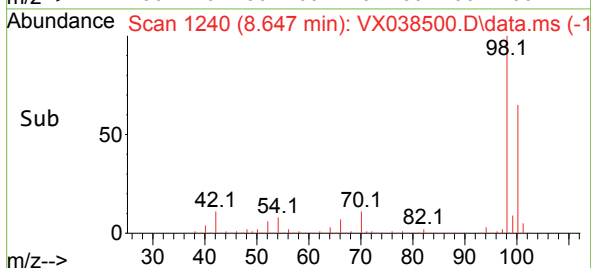
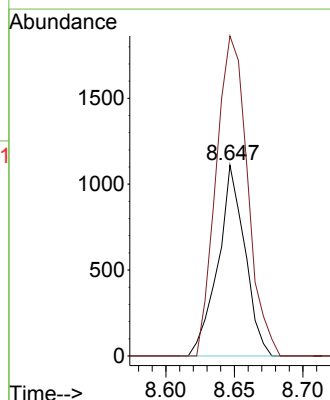
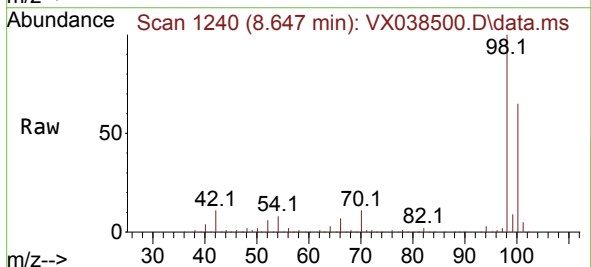
Instrument :
MSVOA_X
ClientSampleId :

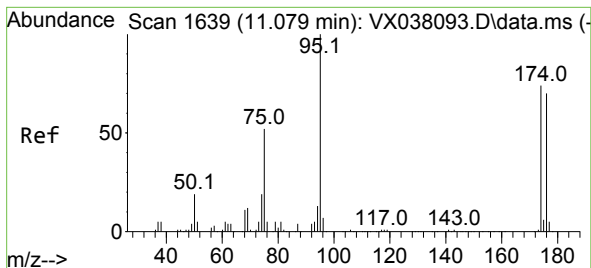
Tgt Ion: 98 Resp: 388540
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.389 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 196.4 30.4 45.6#

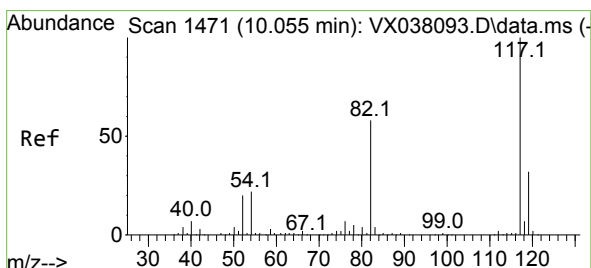
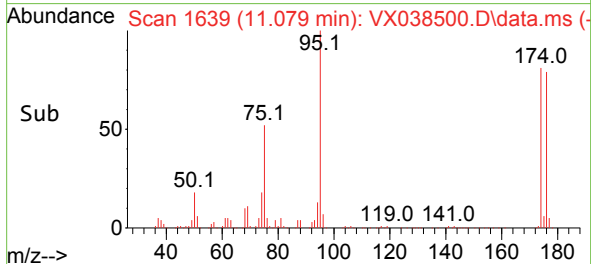
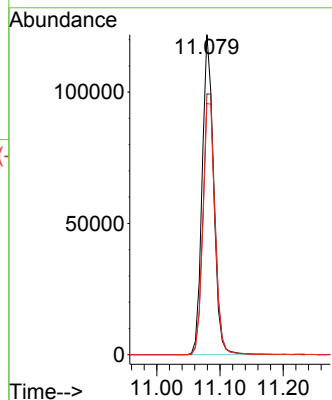
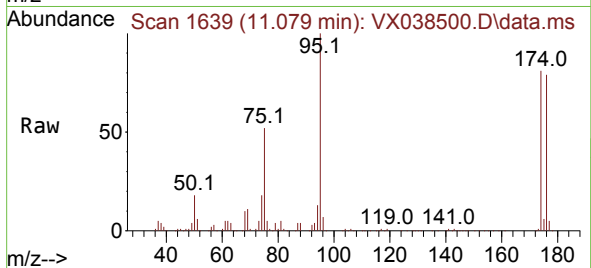




#62
4-Bromofluorobenzene
Concen: 45.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

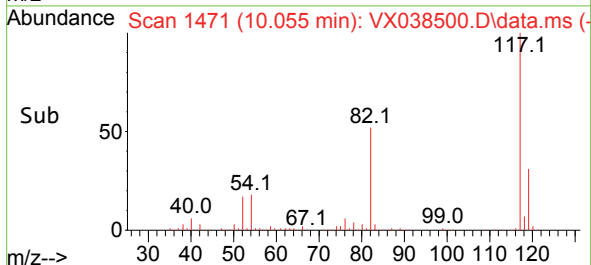
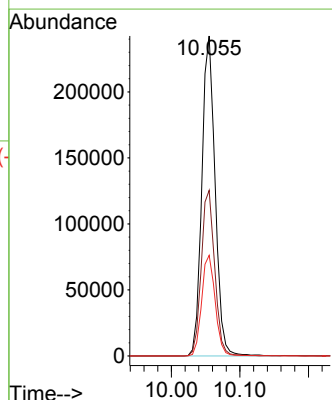
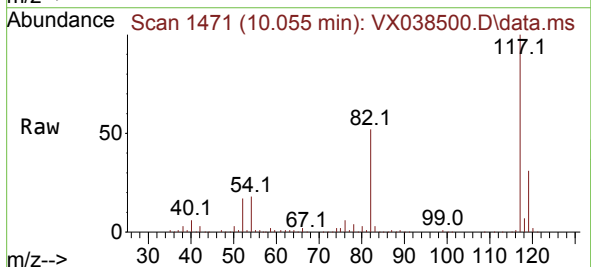
Instrument :
MSVOA_X
ClientSampleId :

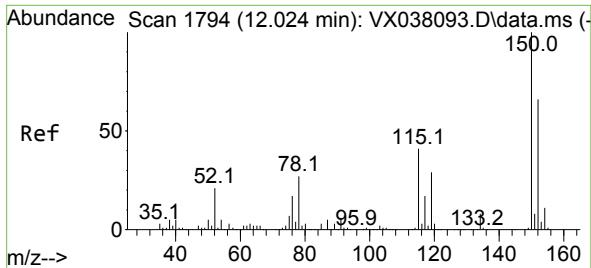
Tgt Ion: 95 Resp: 153145
Ion Ratio Lower Upper
95 100
174 87.1 0.0 135.6
176 83.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038500.D
Acq: 26 Oct 2023 05:57

Tgt Ion: 117 Resp: 327564
Ion Ratio Lower Upper
117 100
82 51.7 46.2 69.4
119 31.5 25.5 38.3

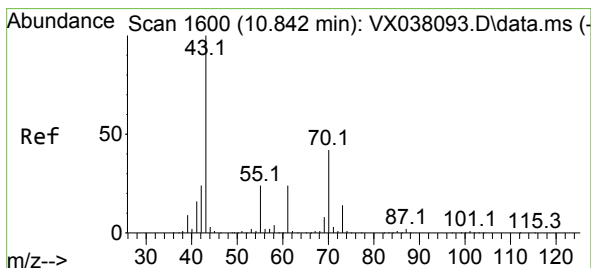
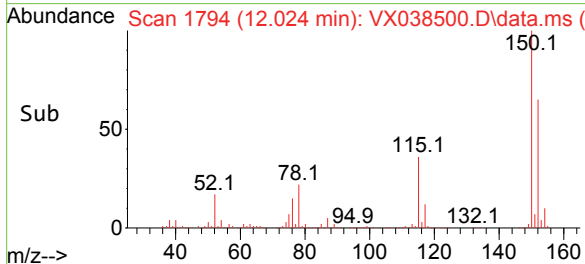
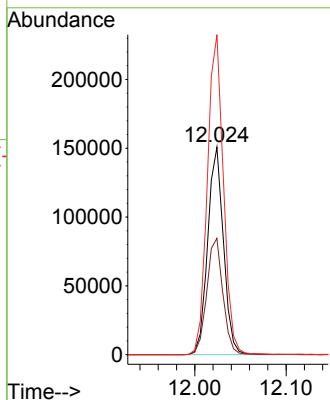
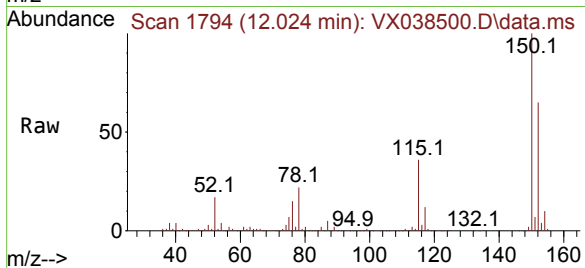




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038500.D
 Acq: 26 Oct 2023 05:57

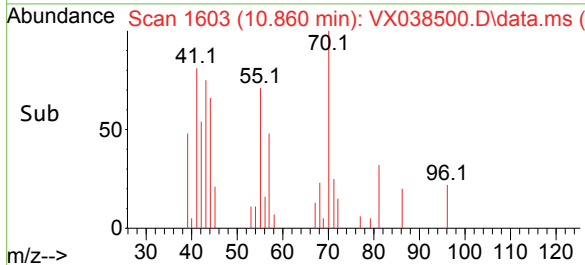
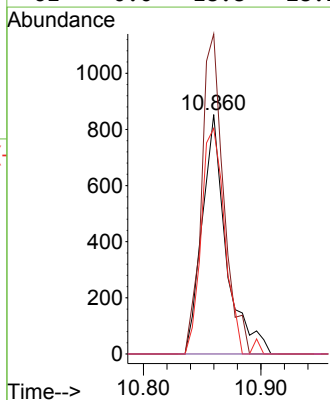
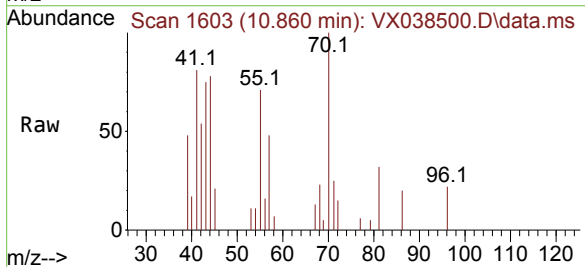
Instrument :
 MSVOA_X
 ClientSampleId :

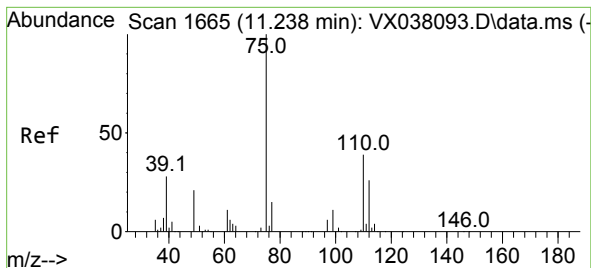
Tgt Ion:152 Resp: 180827
 Ion Ratio Lower Upper
 152 100
 115 57.5 43.3 129.9
 150 156.9 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.234 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.018 min
 Lab File: VX038500.D
 Acq: 26 Oct 2023 05:57

Tgt Ion: 43 Resp: 1214
 Ion Ratio Lower Upper
 43 100
 70 122.0 32.9 49.3#
 55 91.4 19.3 28.9#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 19.413 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038500.D

Acq: 26 Oct 2023 05:57

Instrument :

MSVOA_X

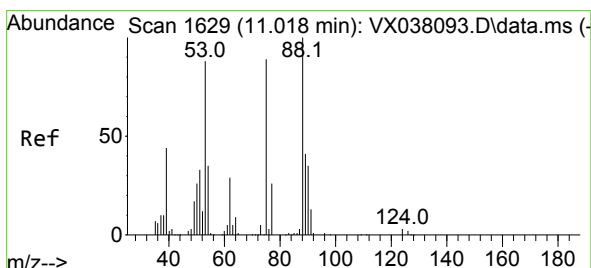
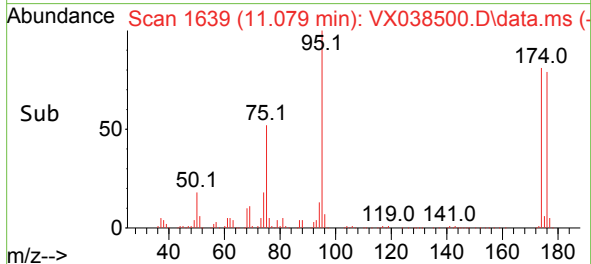
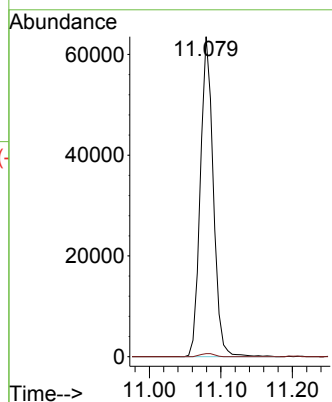
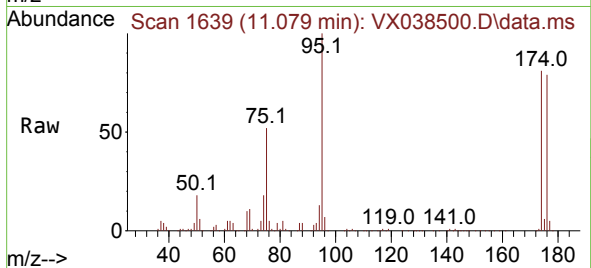
ClientSampleId :

Tgt Ion: 75 Resp: 79806

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.147 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038500.D

Acq: 26 Oct 2023 05:57

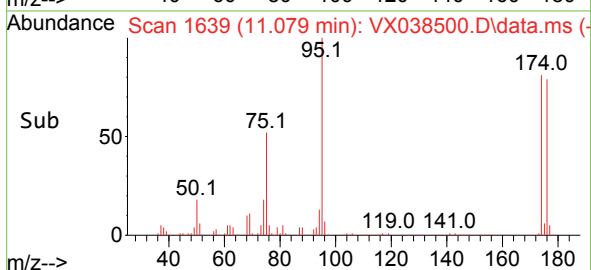
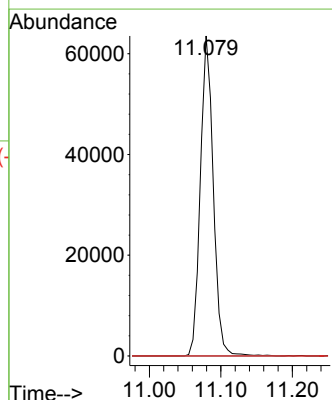
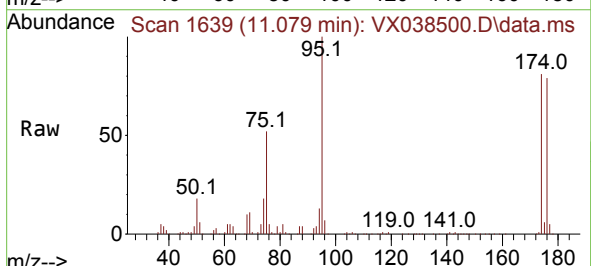
Tgt Ion: 75 Resp: 79806

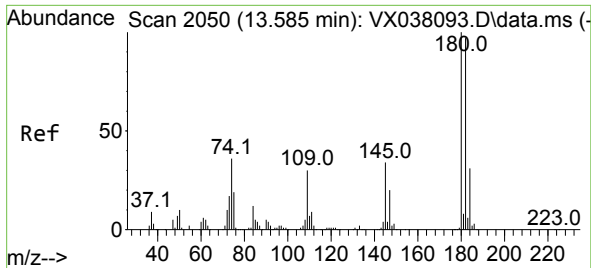
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.223 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

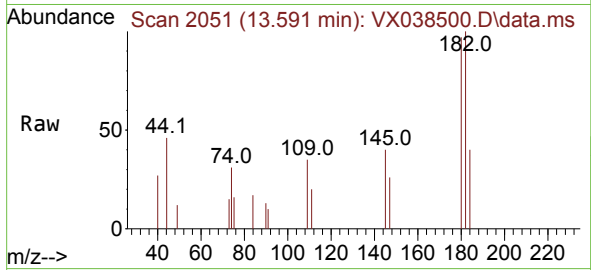
Lab File: VX038500.D

Acq: 26 Oct 2023 05:57

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 856

Ion Ratio Lower Upper

180 100

182 91.0 48.3 144.8

145 29.8 18.0 54.0

