

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038532.D
 Acq On : 26 Oct 2023 20:48
 Operator : JC/MD
 Sample : 05063-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:23:23 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)

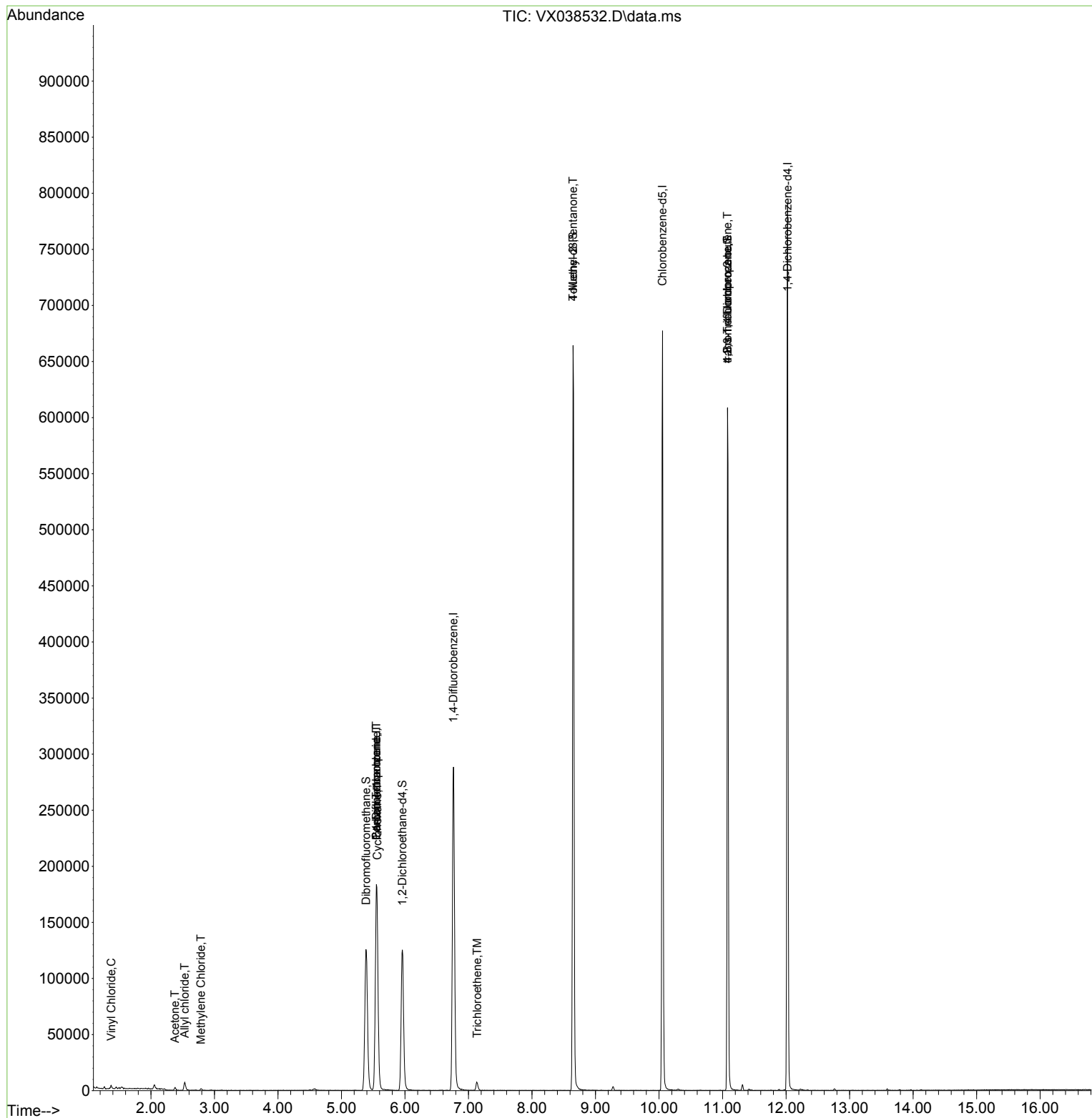
Internal Standards						
1) Pentafluorobenzene	5.550	168	184715	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	312366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123309	41.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.000%
35) Dibromofluoromethane	5.385	113	111394	49.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.647	98	401888	46.727	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.079	95	159633	48.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.920%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	1802	0.894	ug/l	97
5) Bromomethane	1.672	94	26	Below Cal	#	3
6) Chloroethane	1.697	64	177	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	155	Below Cal	#	78
14) Allyl chloride	2.532	41	803	0.266	ug/l	# 70
16) Acetone	2.380	43	2259	1.822	ug/l	# 82
20) Methylene Chloride	2.788	84	846	0.363	ug/l	# 70
31) Cyclohexane	5.562	56	3463	1.076	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	13153	4.238	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	18238	5.973	ug/l	# 16
44) Trichloroethene	7.135	130	2960	1.304	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1558	0.410	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	81231	20.503	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	81231	59.072	ug/l	# 5

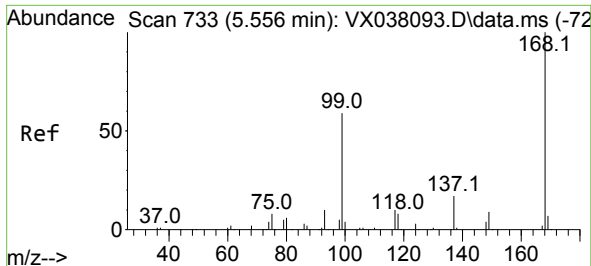
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 27 05:23:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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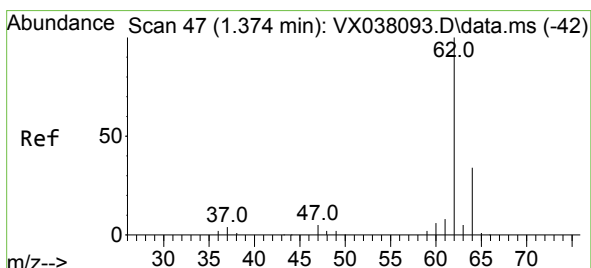
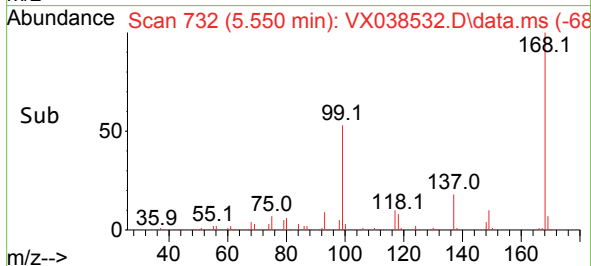
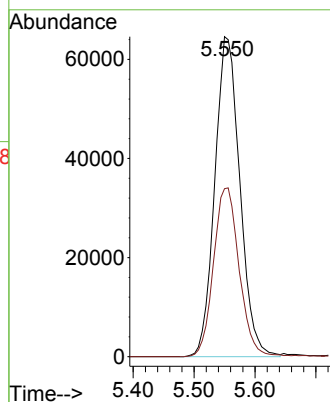
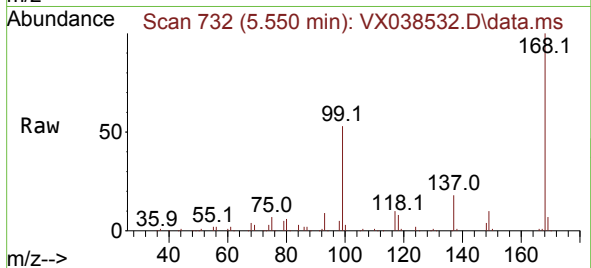




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

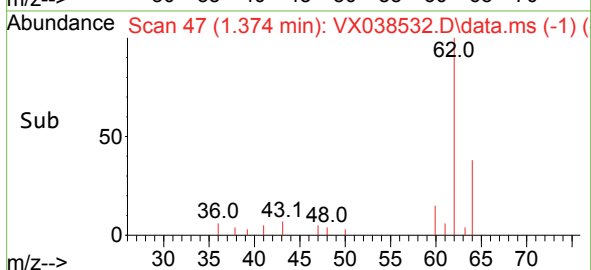
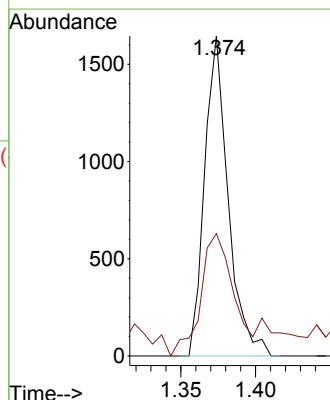
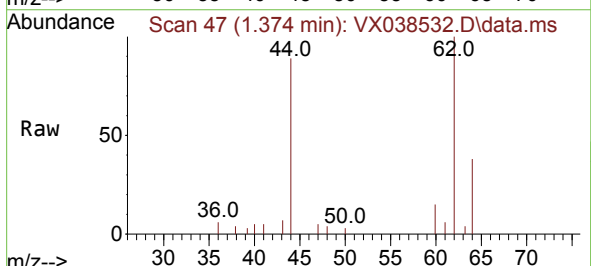
Instrument :
MSVOA_X
ClientSampleId :

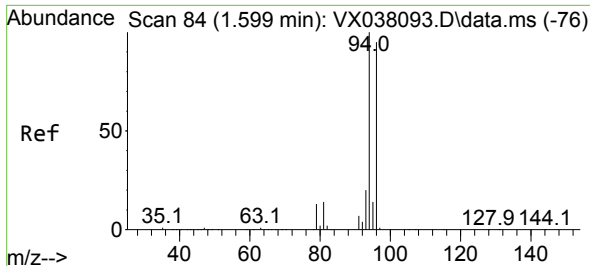
Tgt Ion:168 Resp: 184715
Ion Ratio Lower Upper
168 100
99 52.5 56.6 85.0#



#4
Vinyl Chloride
Concen: 0.894 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

Tgt Ion: 62 Resp: 1802
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

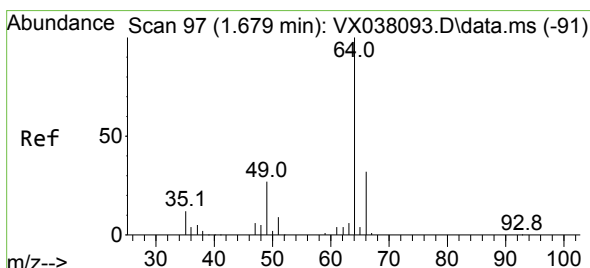
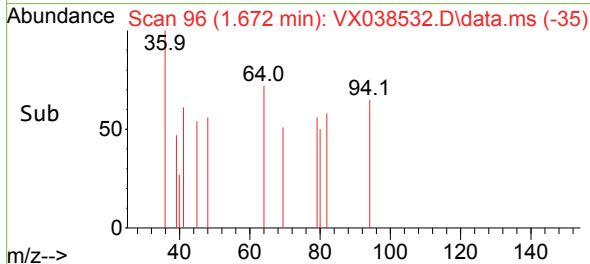
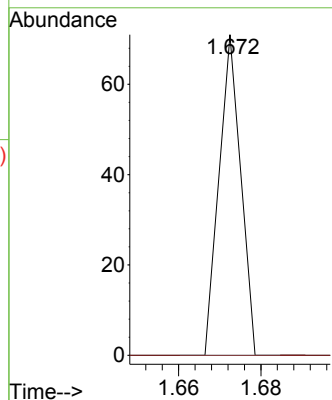
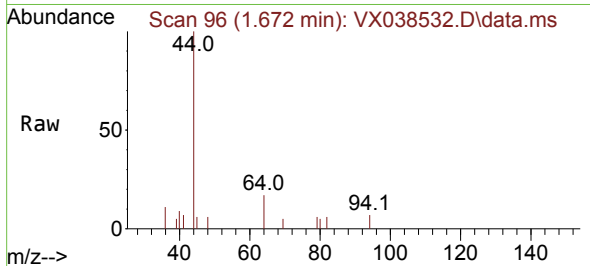




#5
Bromomethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. 0.073 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

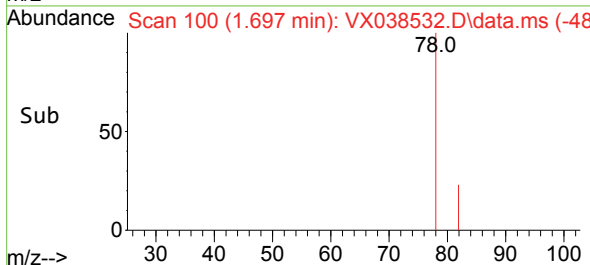
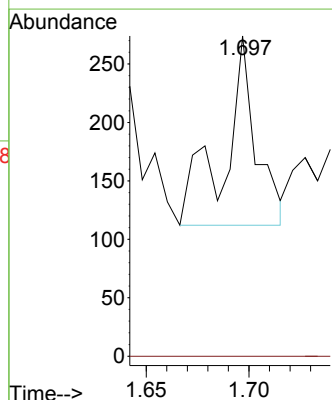
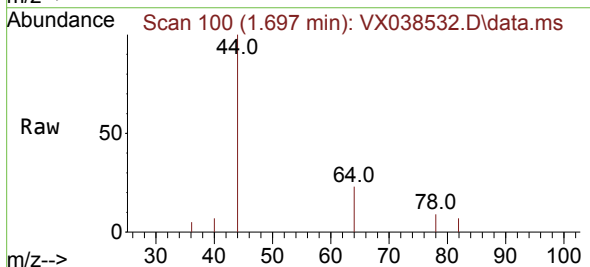
Instrument :
MSVOA_X
ClientSampleId :

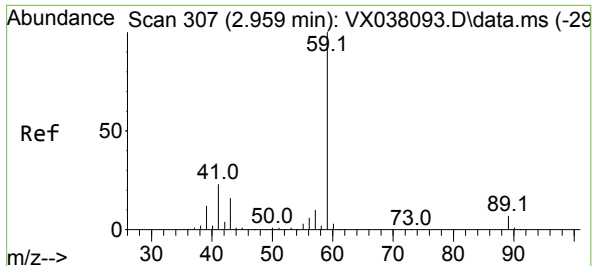
Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

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: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

Instrument :

MSVOA_X

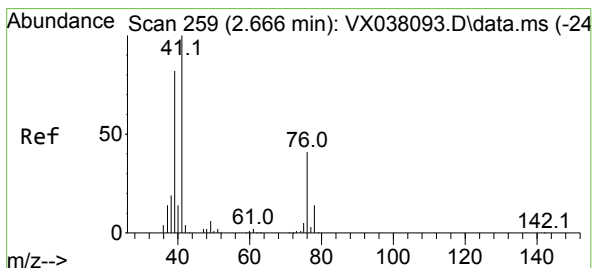
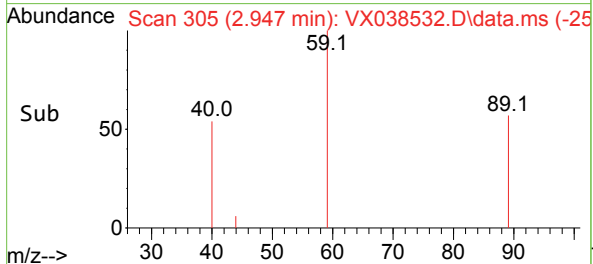
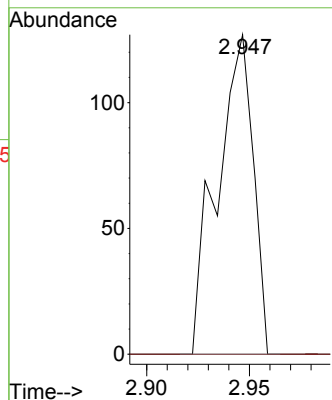
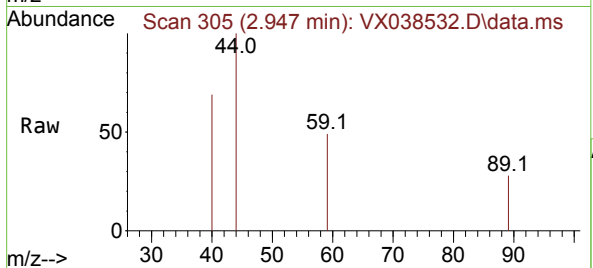
ClientSampleId :

Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.266 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

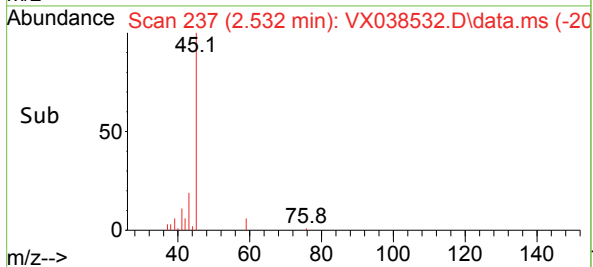
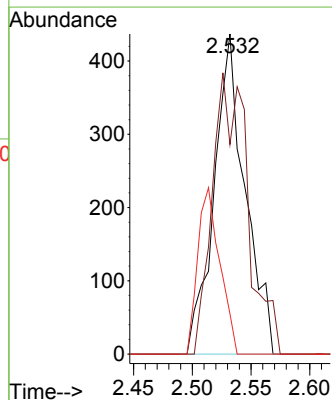
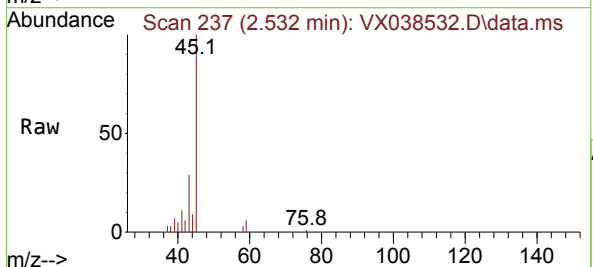
Tgt Ion: 41 Resp: 803

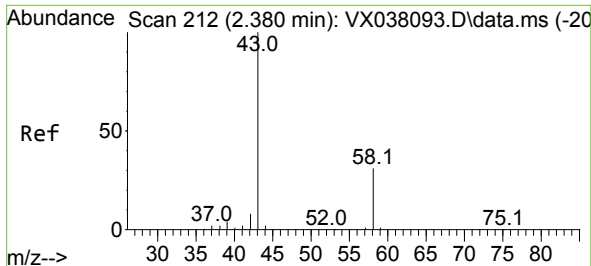
Ion Ratio Lower Upper

41 100

39 100.2 55.8 83.6#

76 37.0 24.3 36.5#





#16

Acetone

Concen: 1.822 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

Instrument :

MSVOA_X

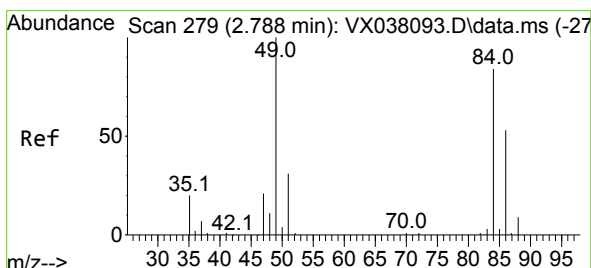
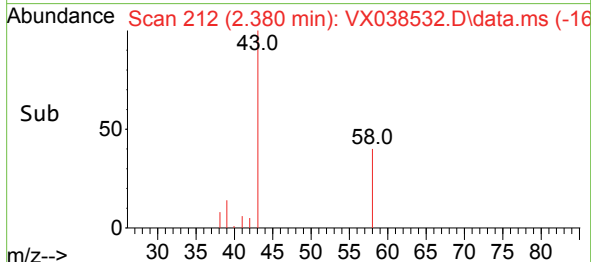
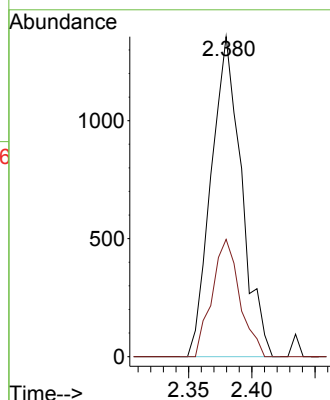
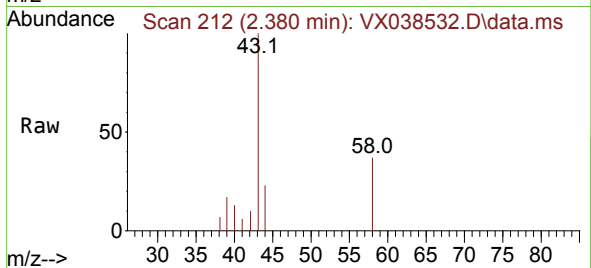
ClientSampleId :

Tgt Ion: 43 Resp: 2259

Ion Ratio Lower Upper

43 100

58 36.7 21.9 32.9#



#20

Methylene Chloride

Concen: 0.363 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

Tgt Ion: 84 Resp: 846

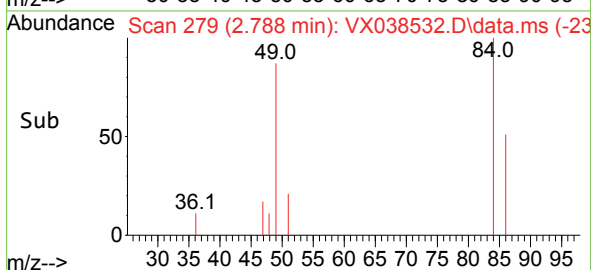
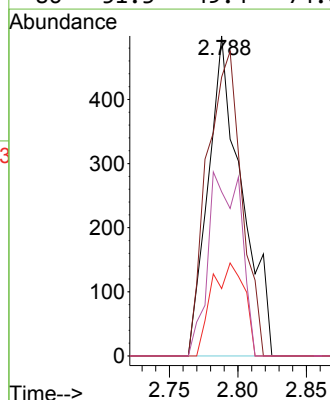
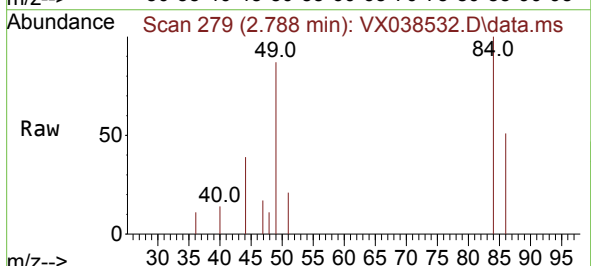
Ion Ratio Lower Upper

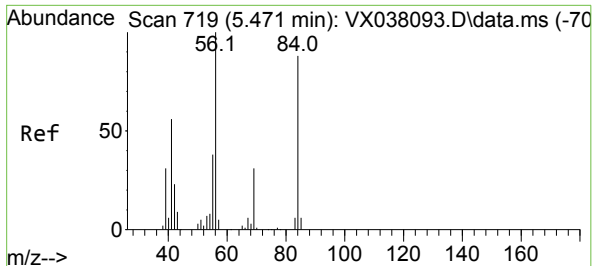
84 100

49 87.2 103.6 155.4#

51 21.0 33.8 50.6#

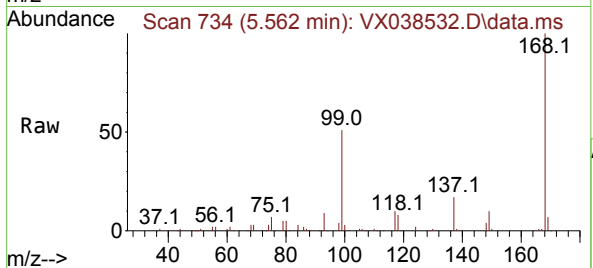
86 51.3 49.4 74.0



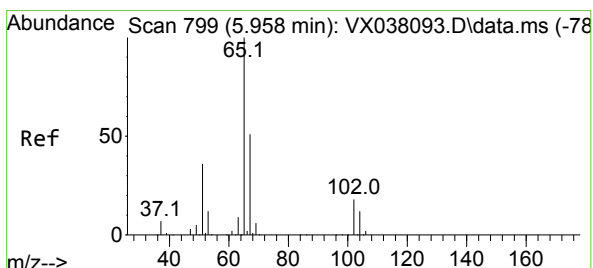
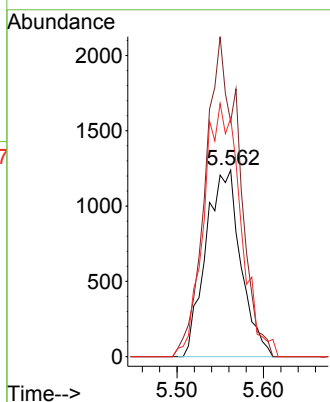
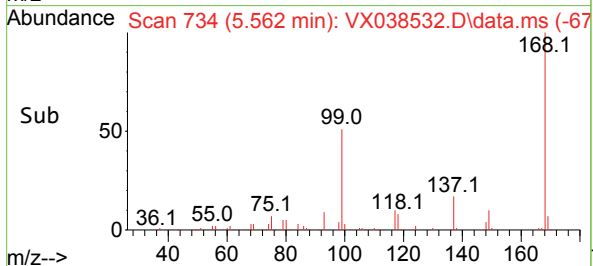


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

Instrument :
MSVOA_X
ClientSampleId :

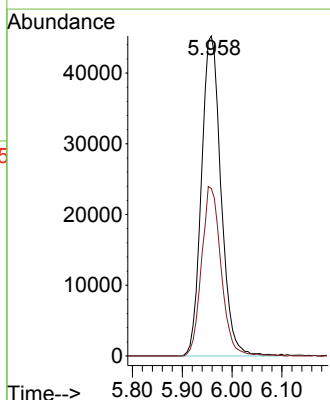
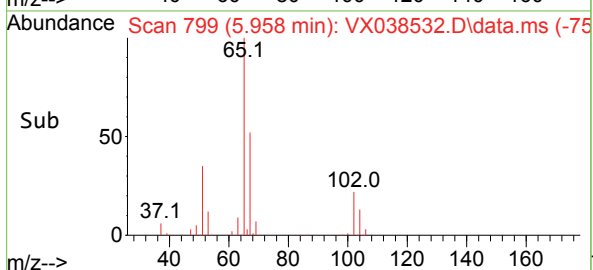
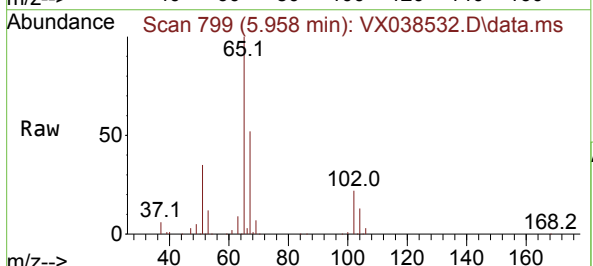


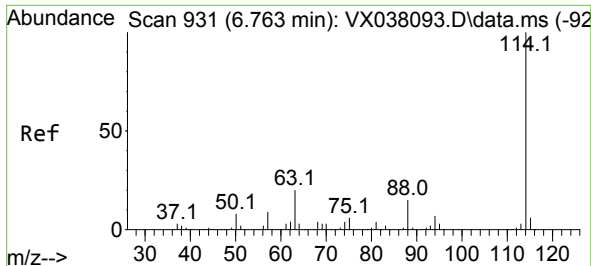
Tgt Ion: 56 Resp: 3463
Ion Ratio Lower Upper
56 100
69 126.0 23.4 35.2#
84 127.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.504 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

Tgt Ion: 65 Resp: 123309
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

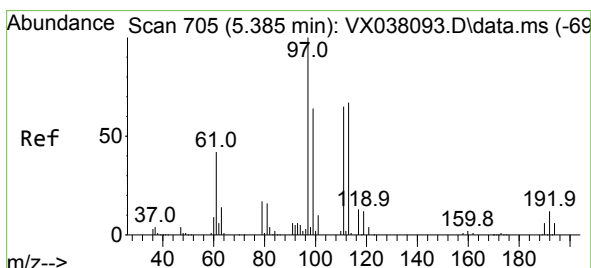
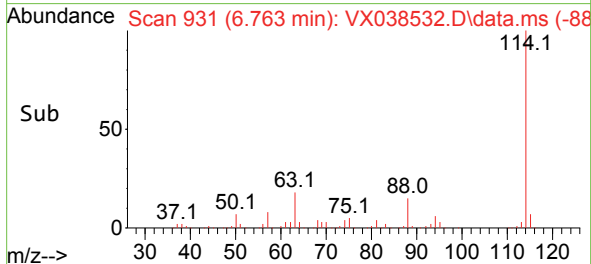
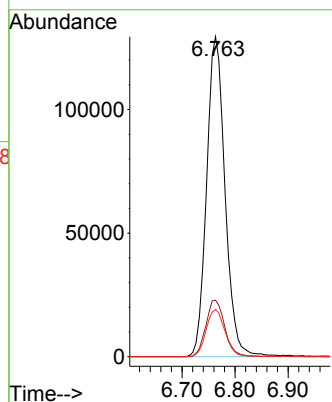
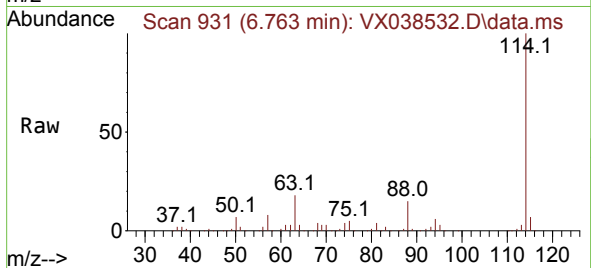




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

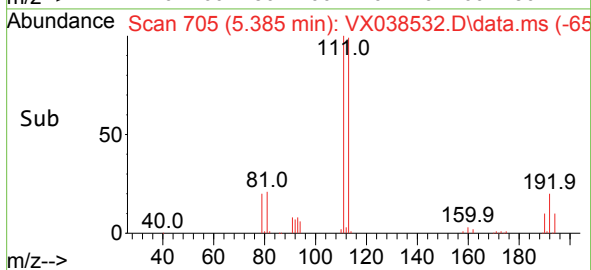
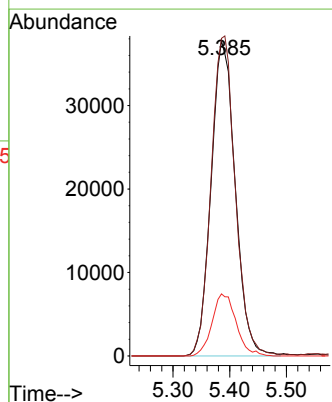
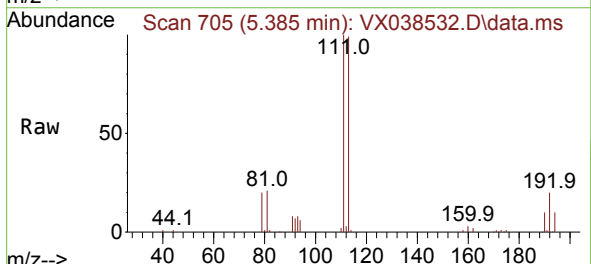
Instrument :
MSVOA_X
ClientSampleId :

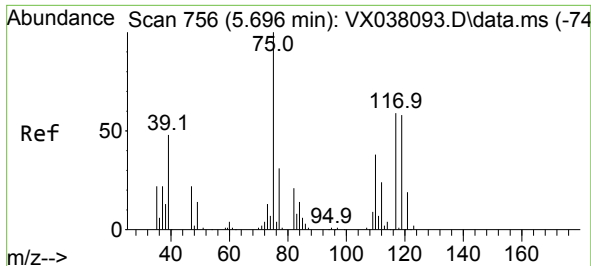
Tgt Ion:114 Resp: 312366
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

Tgt Ion:113 Resp: 111394
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.7 13.3 19.9

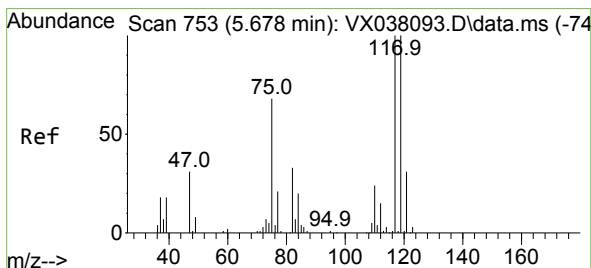
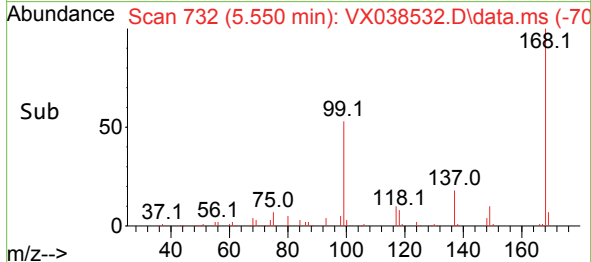
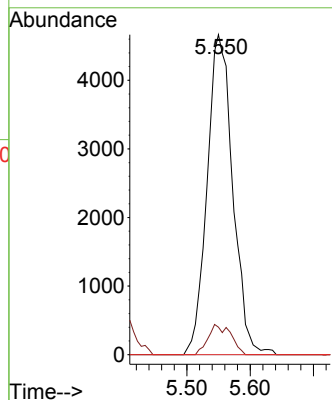
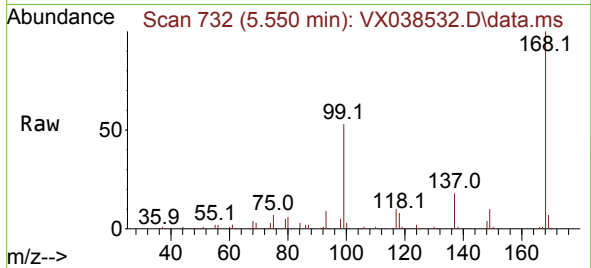




#36
1,1-Dichloropropene
Concen: 4.238 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

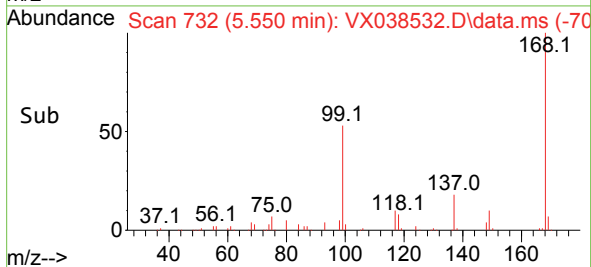
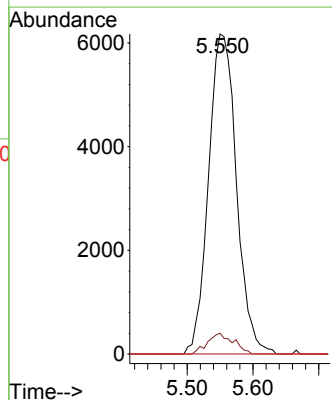
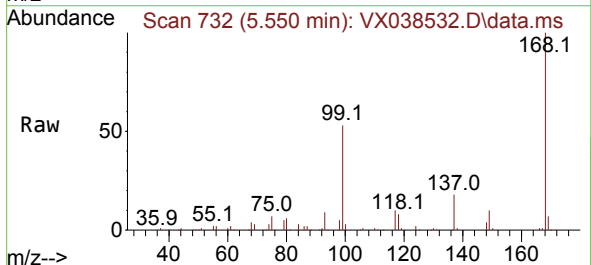
Instrument :
MSVOA_X
ClientSampleId :

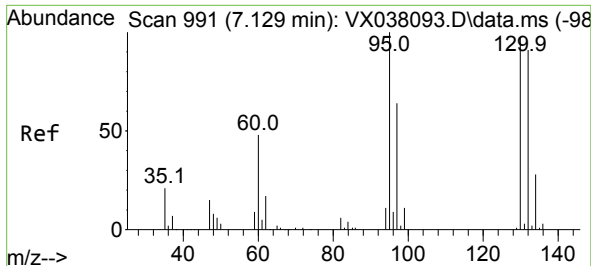
Tgt Ion: 75 Resp: 13153
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.973 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

Tgt Ion: 117 Resp: 18238
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#

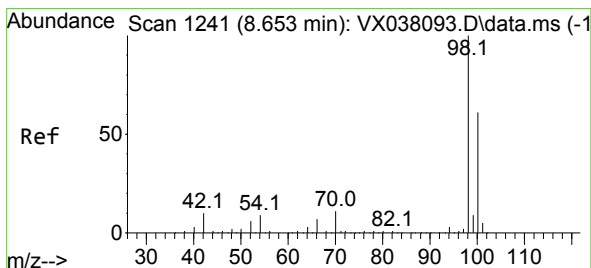
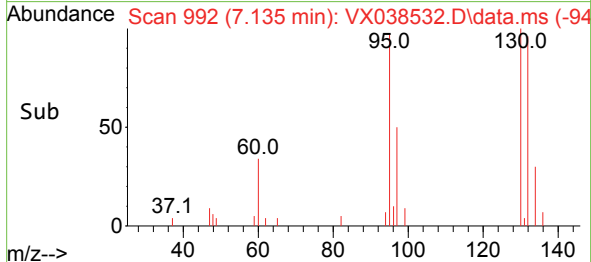
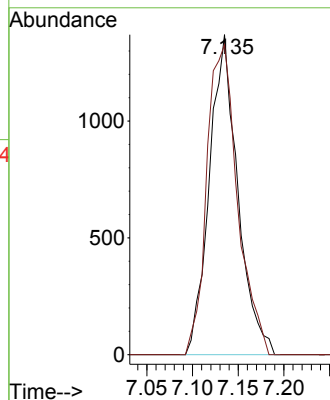
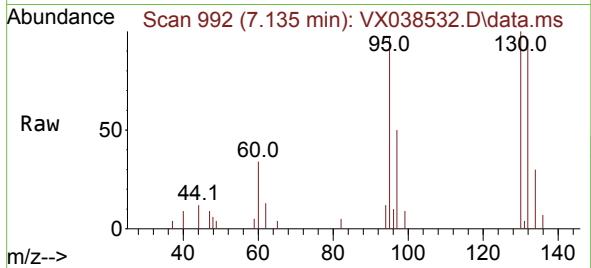




#44
Trichloroethene
Concen: 1.304 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

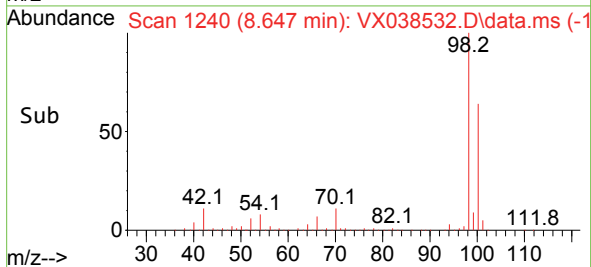
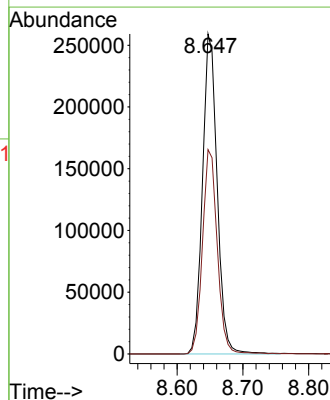
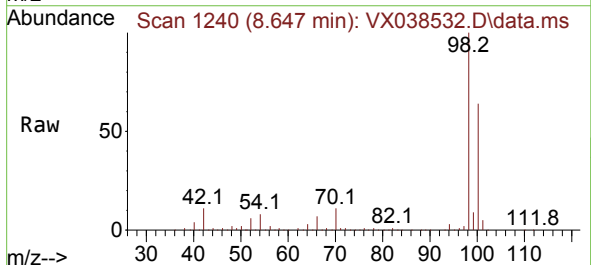
Instrument :
MSVOA_X
ClientSampleId :

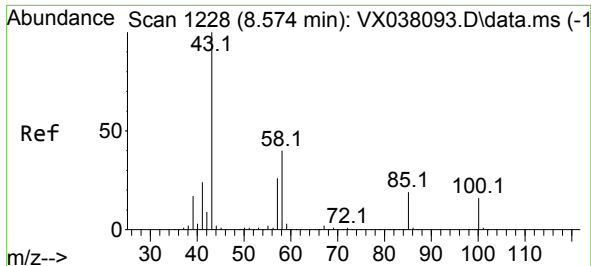
Tgt Ion:130 Resp: 2960
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.4



#50
Toluene-d8
Concen: 46.727 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038532.D
Acq: 26 Oct 2023 20:48

Tgt Ion: 98 Resp: 401888
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.410 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

Instrument :

MSVOA_X

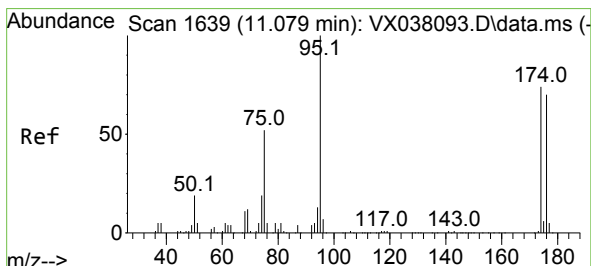
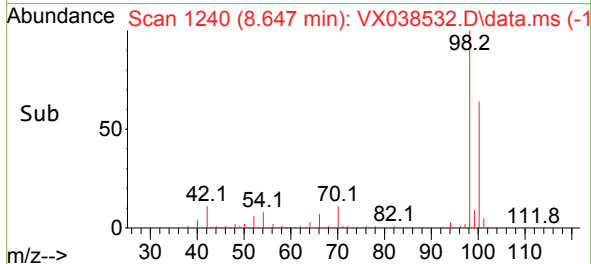
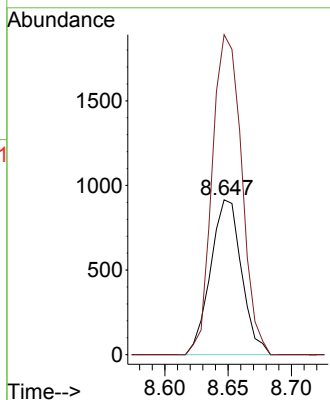
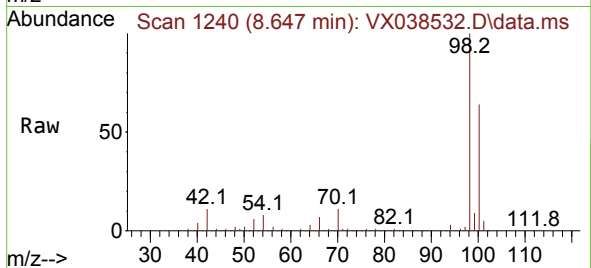
ClientSampleId :

Tgt Ion: 43 Resp: 1558

Ion Ratio Lower Upper

43 100

58 196.5 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.957 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

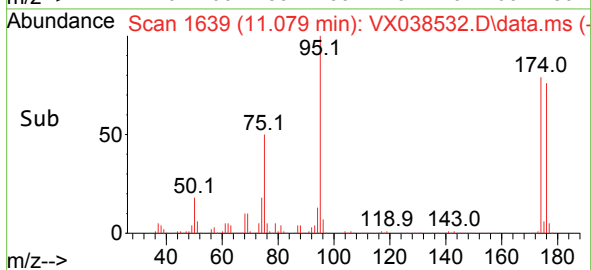
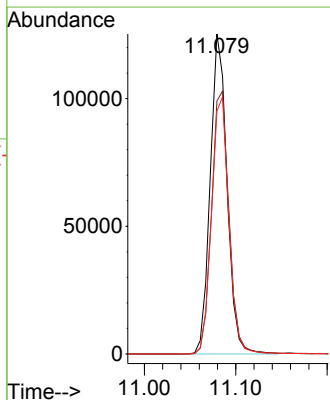
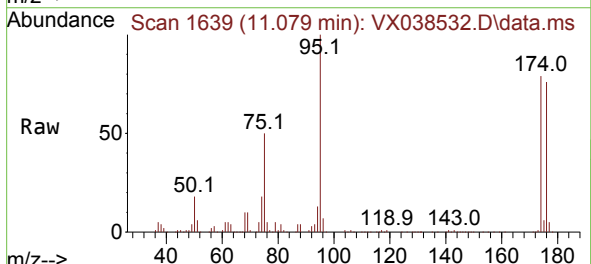
Tgt Ion: 95 Resp: 159633

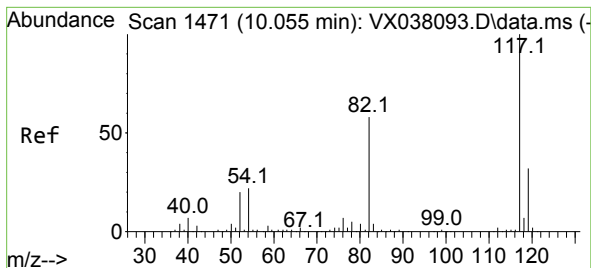
Ion Ratio Lower Upper

95 100

174 85.6 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: VX038532.D

Acq: 26 Oct 2023 20:48

Instrument :

MSVOA_X

ClientSampleId :

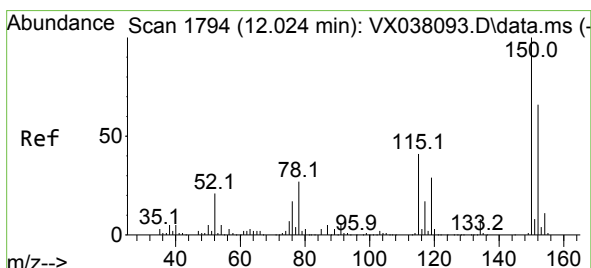
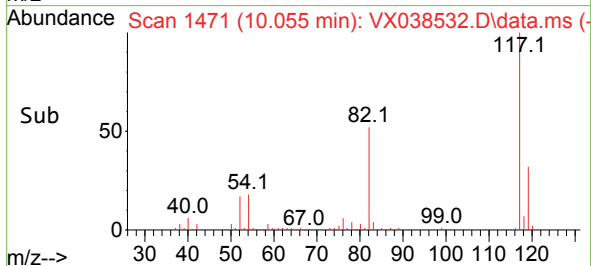
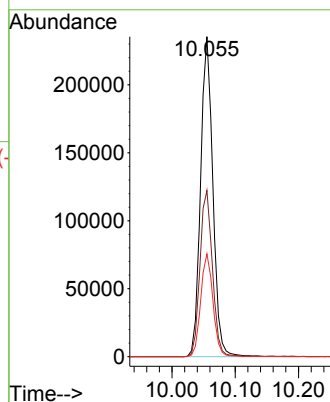
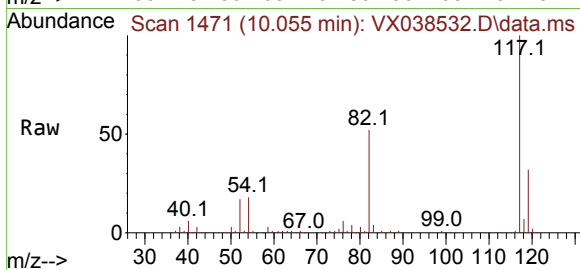
Tgt Ion:117 Resp: 319102

Ion Ratio Lower Upper

117 100

82 52.0 46.2 69.4

119 32.2 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: VX038532.D

Acq: 26 Oct 2023 20:48

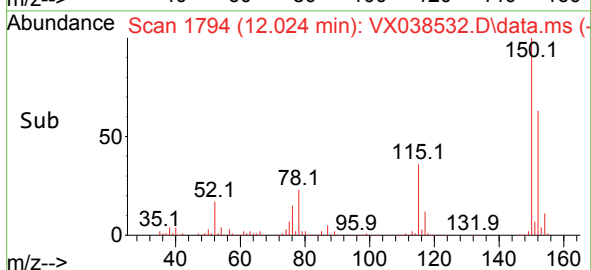
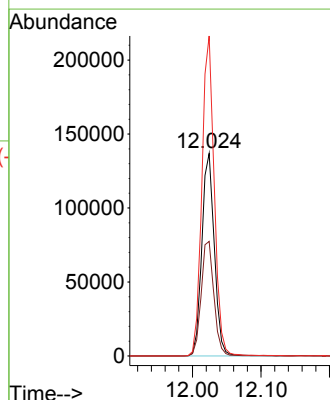
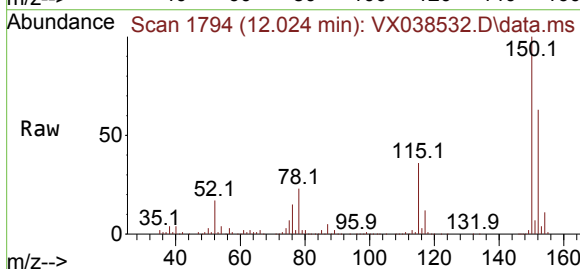
Tgt Ion:152 Resp: 174274

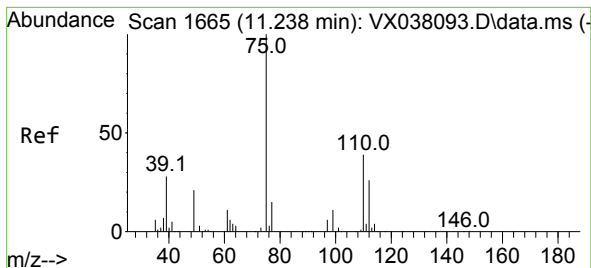
Ion Ratio Lower Upper

152 100

115 57.9 43.3 129.9

150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.503 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

Instrument :

MSVOA_X

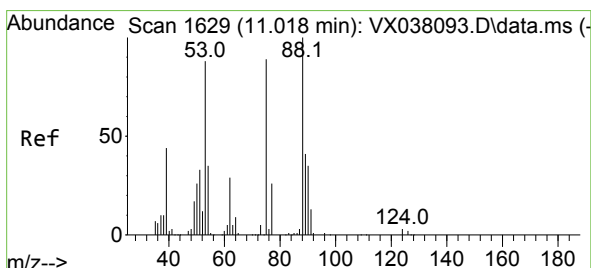
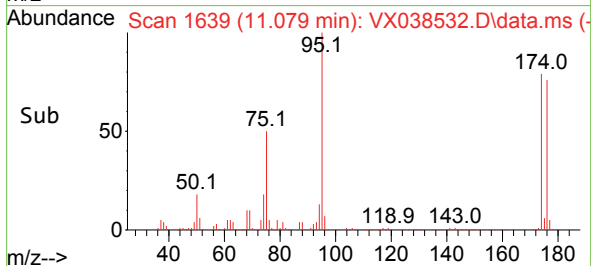
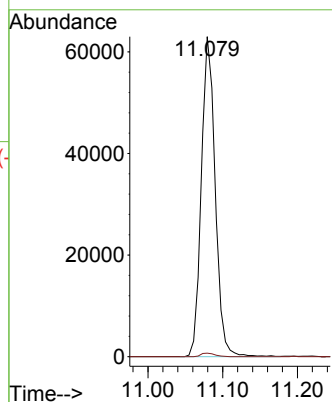
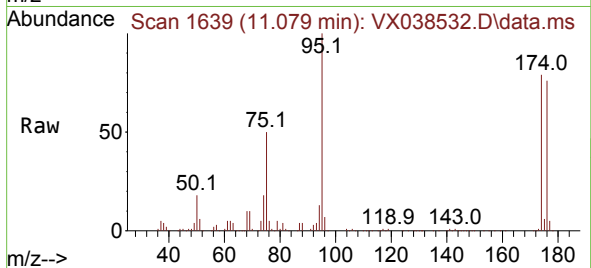
ClientSampleId :

Tgt Ion: 75 Resp: 81231

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.072 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038532.D

Acq: 26 Oct 2023 20:48

Tgt Ion: 75 Resp: 81231

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

