

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038303.D
 Acq On : 16 Oct 2023 14:57
 Operator : JC/MD
 Sample : 04899-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:23:09 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)

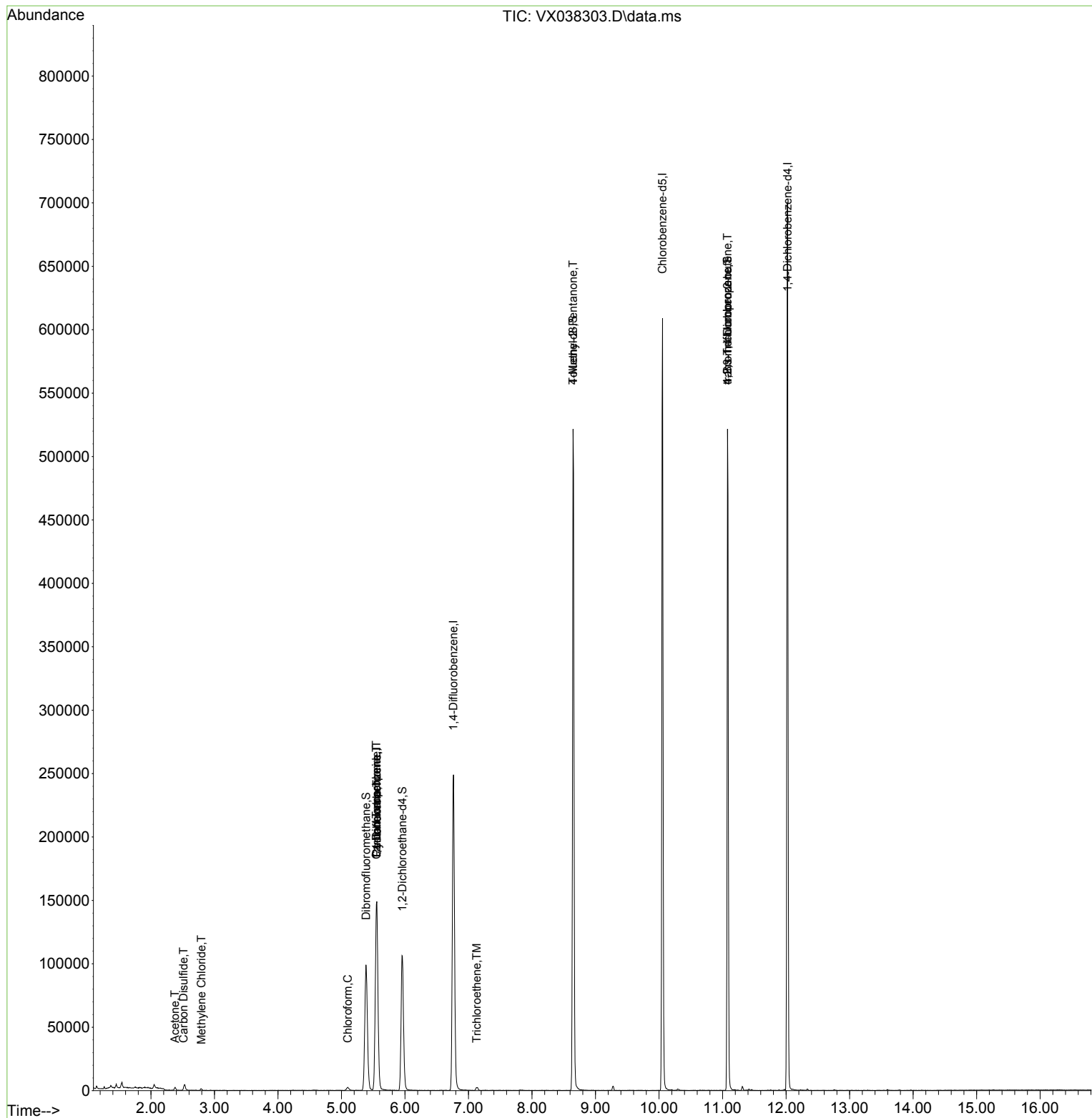
Internal Standards						
1) Pentafluorobenzene	5.556	168	141270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102440	45.083	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.160%
35) Dibromofluoromethane	5.385	113	83845	45.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	314055	44.762	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.520%#
62) 4-Bromofluorobenzene	11.079	95	133445	50.169	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.340%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	76	Below Cal	#	3
6) Chloroethane	1.672	64	230	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	65	Below Cal	#	78
16) Acetone	2.380	43	2511	2.648	ug/l #	85
17) Carbon Disulfide	2.514	76	820	0.220	ug/l #	81
20) Methylene Chloride	2.794	84	521	0.292	ug/l #	79
30) Chloroform	5.099	83	2916	0.907	ug/l	90
31) Cyclohexane	5.556	56	3592	1.459	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	11809	4.664	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14584	5.855	ug/l #	14
44) Trichloroethene	7.129	130	1139	0.615	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1390	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	72395	21.489	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	72395	61.718	ug/l #	5

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

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MSVOA_X
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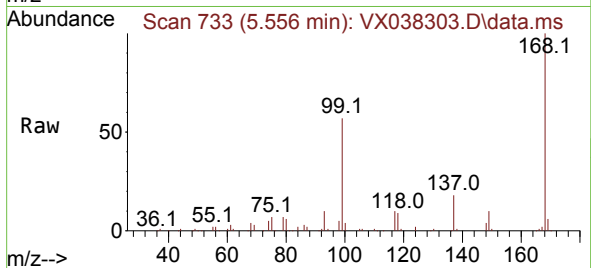
Quant Time: Oct 17 01:23:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



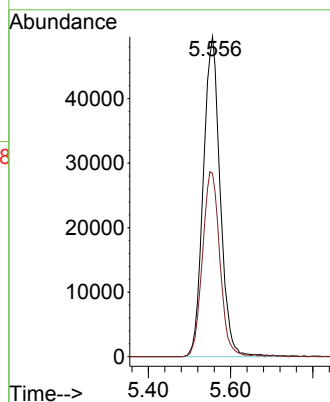
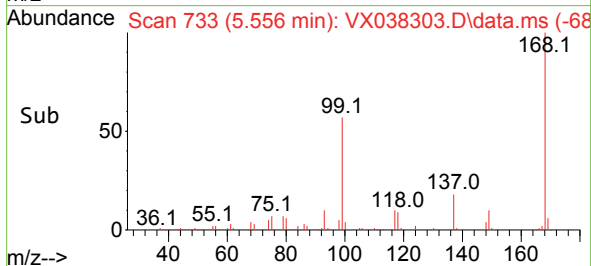


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Instrument :
MSVOA_X
ClientSampleId :

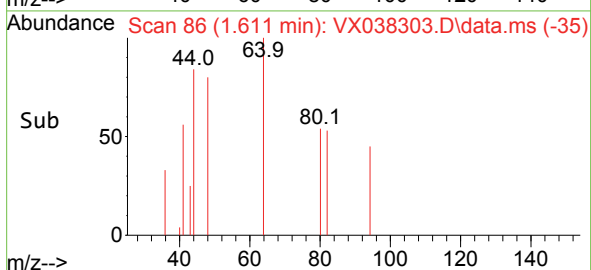
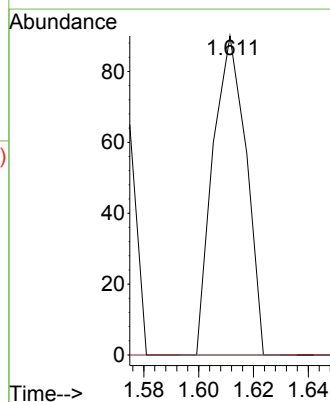
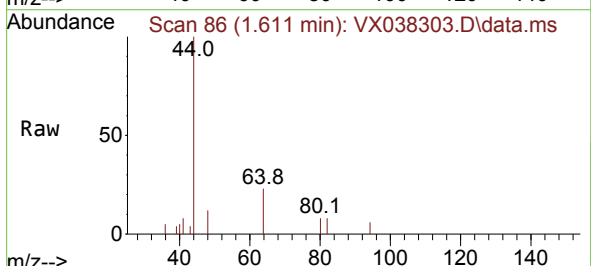


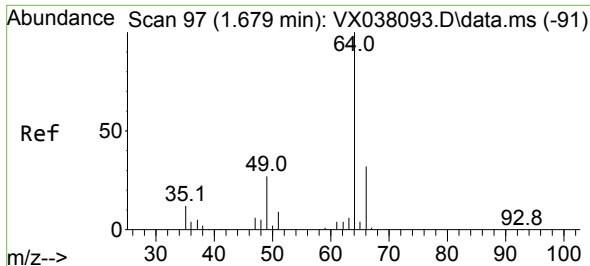
Tgt Ion:168 Resp: 141270
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Tgt Ion: 94 Resp: 76
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

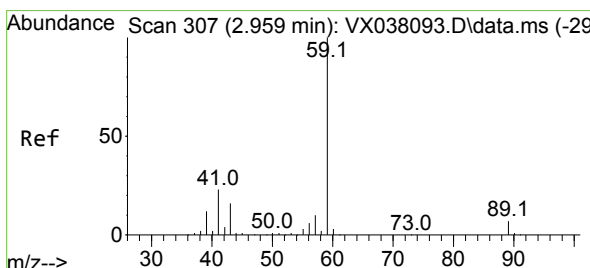
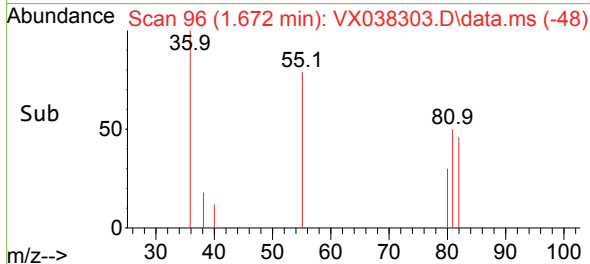
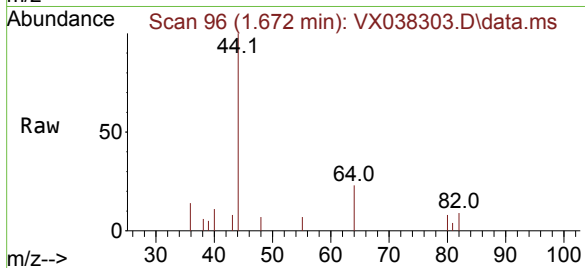




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

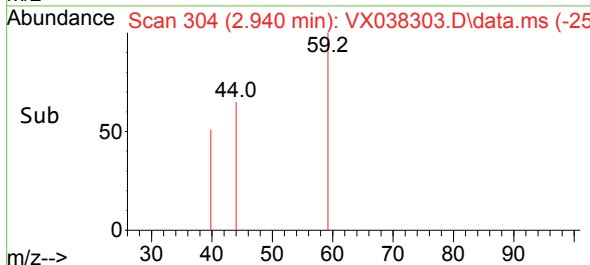
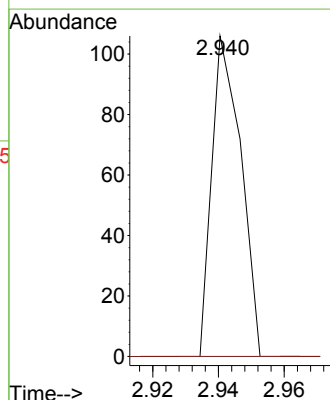
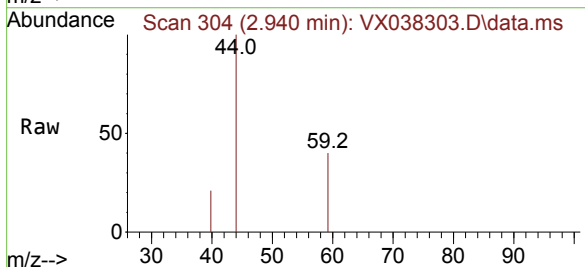
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 230
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

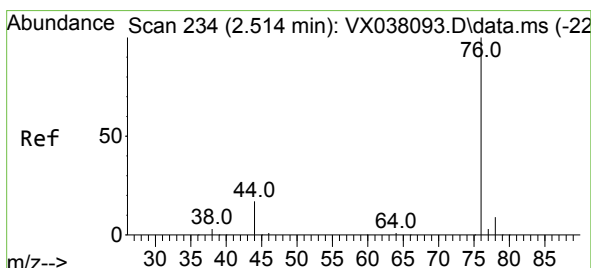
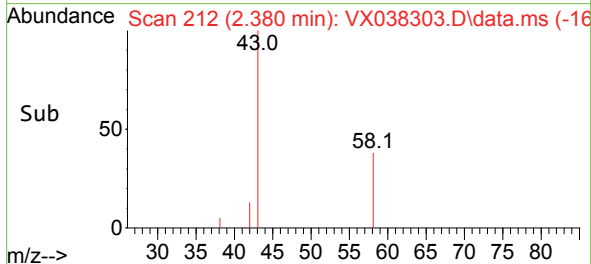
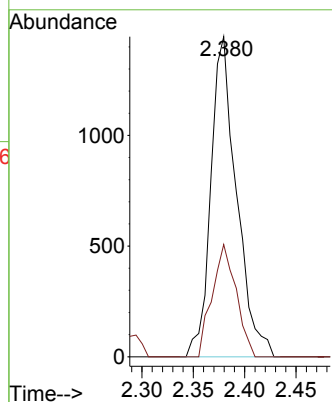
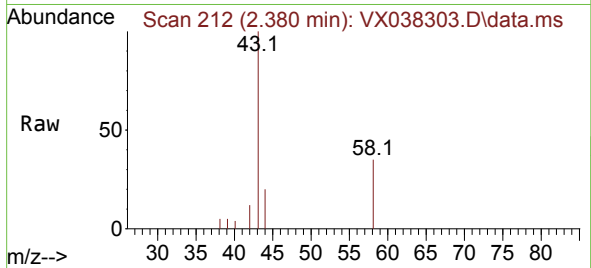




#16
Acetone
Concen: 2.648 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

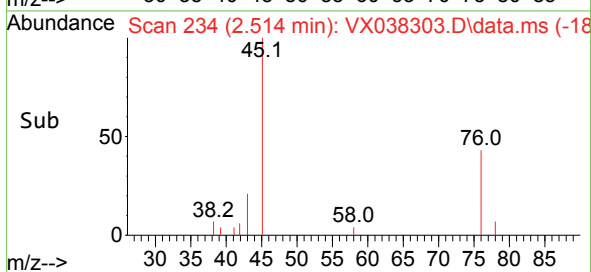
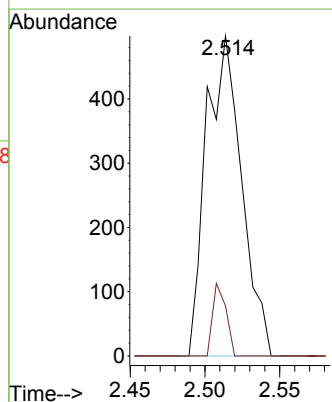
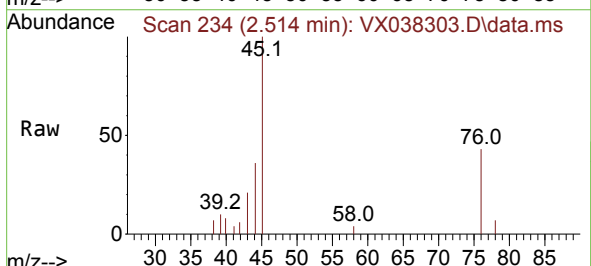
Instrument :
MSVOA_X
ClientSampleId :

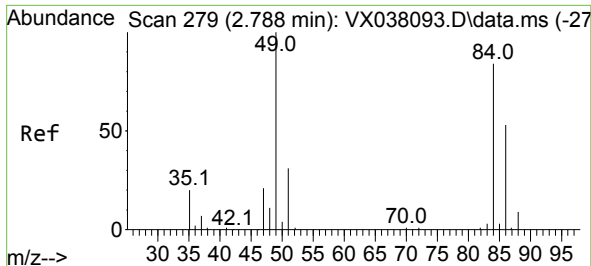
Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Tgt Ion: 76 Resp: 820
Ion Ratio Lower Upper
76 100
78 15.7 7.0 10.6#





#20

Methylene Chloride

Concen: 0.292 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

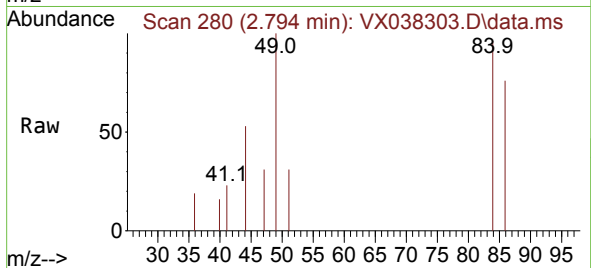
Lab File: VX038303.D

Acq: 16 Oct 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 521

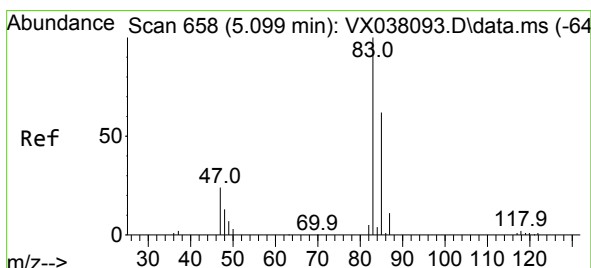
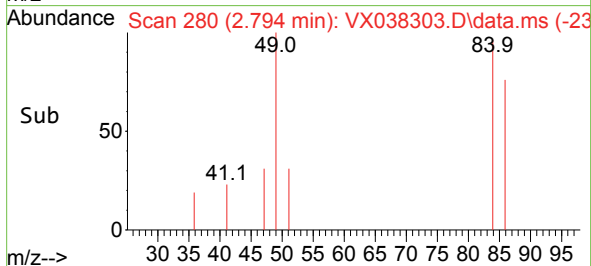
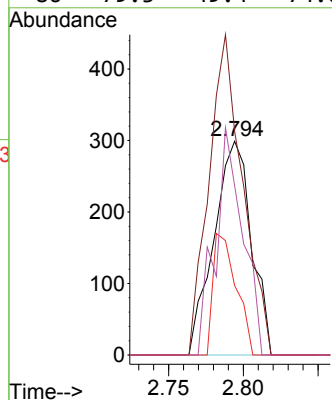
Ion Ratio Lower Upper

84 100

49 104.7 103.6 155.4

51 32.4 33.8 50.6#

86 79.3 49.4 74.0#



#30

Chloroform

Concen: 0.907 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX038303.D

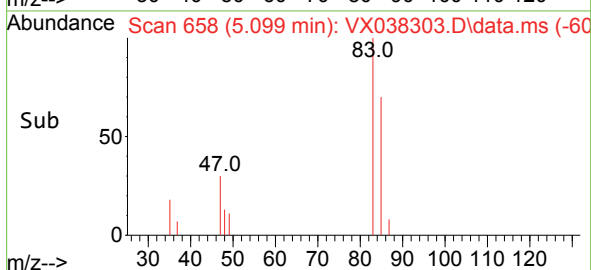
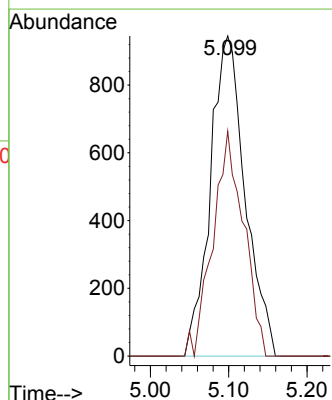
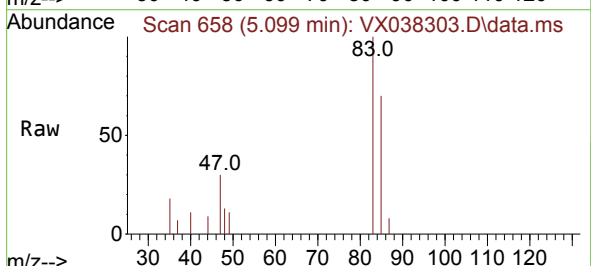
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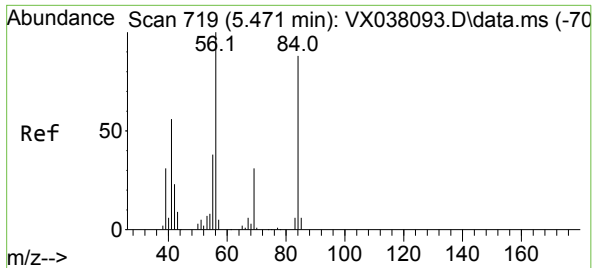
Tgt Ion: 83 Resp: 2916

Ion Ratio Lower Upper

83 100

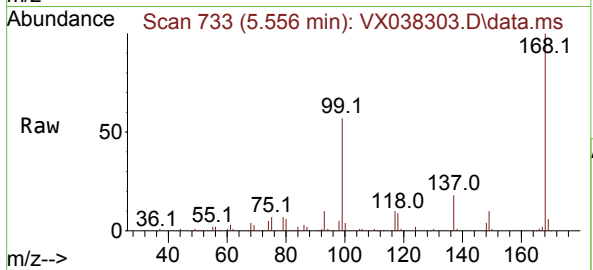
85 70.3 50.3 75.5



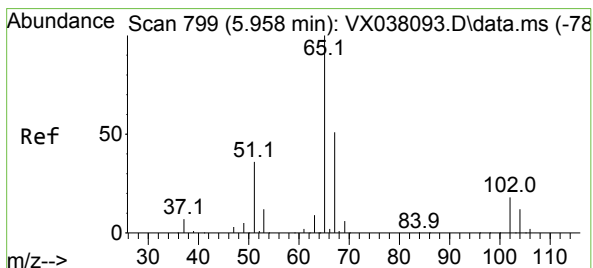
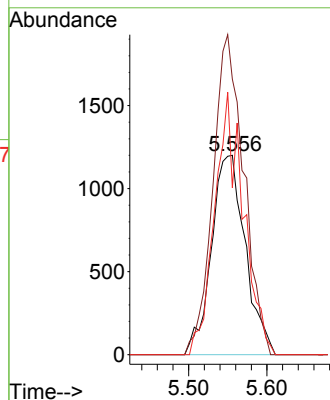
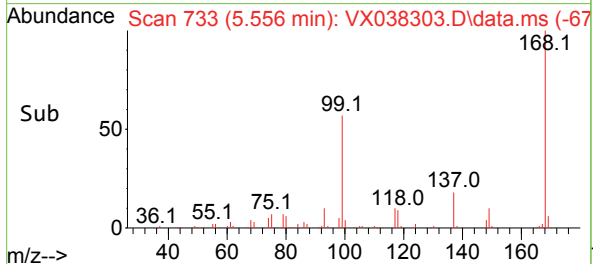


#31
Cyclohexane
Concen: 1.459 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Instrument :
MSVOA_X
ClientSampleId :

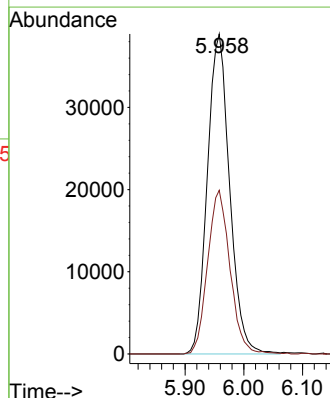
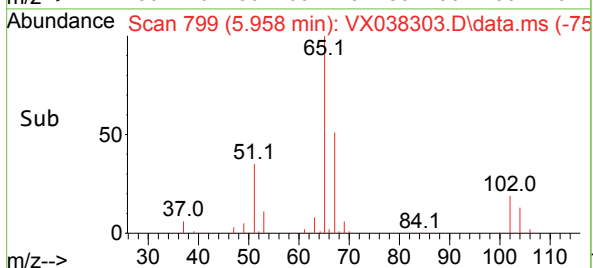
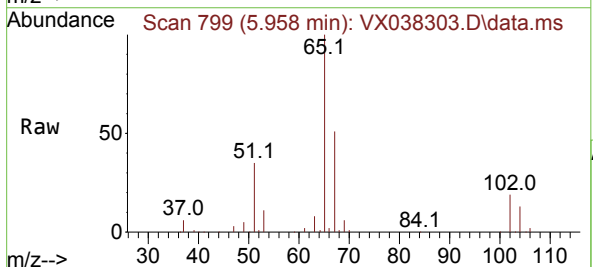


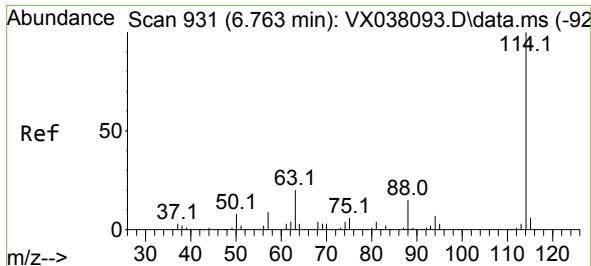
Tgt Ion: 56 Resp: 3592
Ion Ratio Lower Upper
56 100
69 138.2 23.4 35.2#
84 83.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.083 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Tgt Ion: 65 Resp: 102440
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

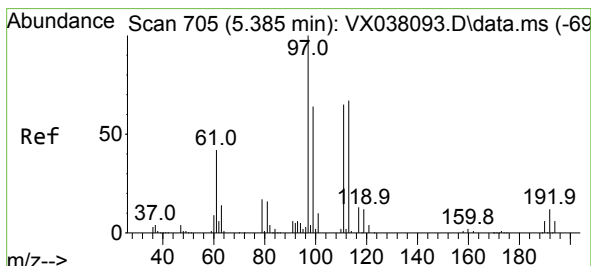
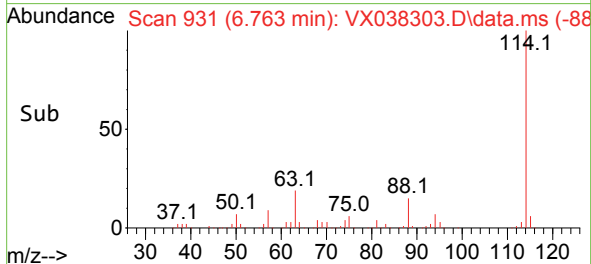
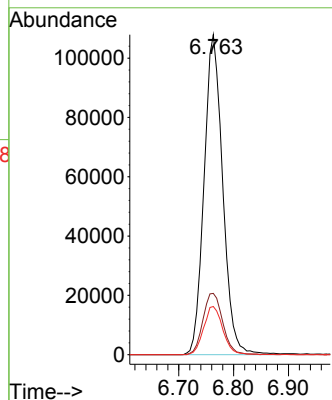
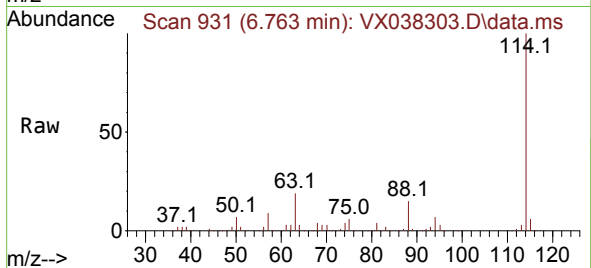




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

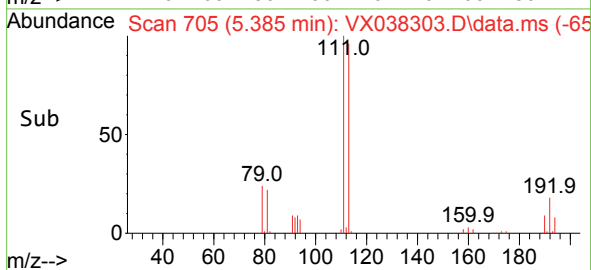
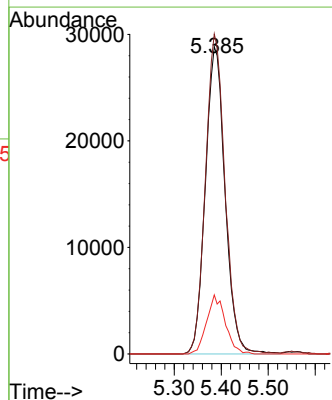
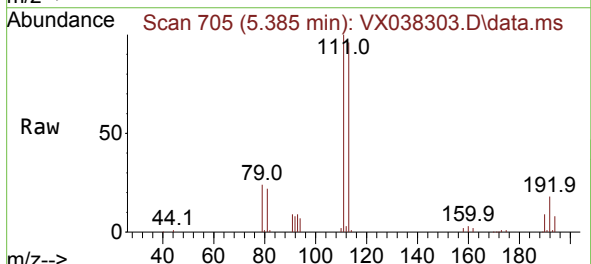
Instrument :
MSVOA_X
ClientSampleId :

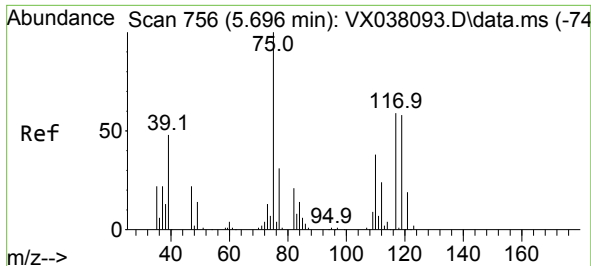
Tgt Ion:114 Resp: 254812
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.665 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

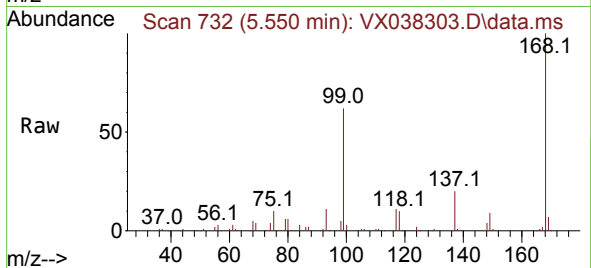
Tgt Ion:113 Resp: 83845
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.3 13.3 19.9



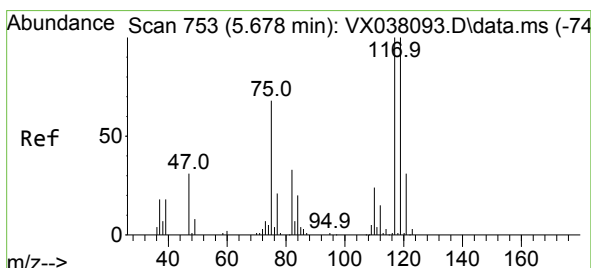
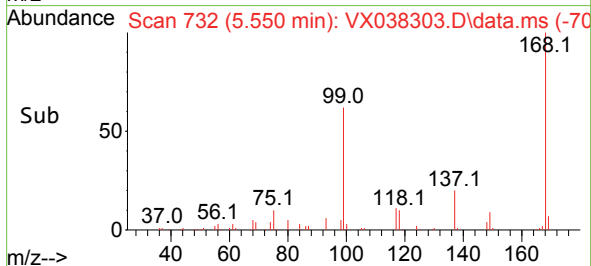
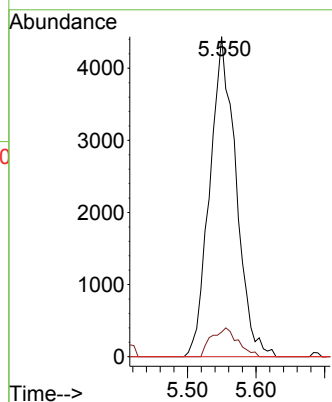


#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Instrument :
MSVOA_X
ClientSampleId :

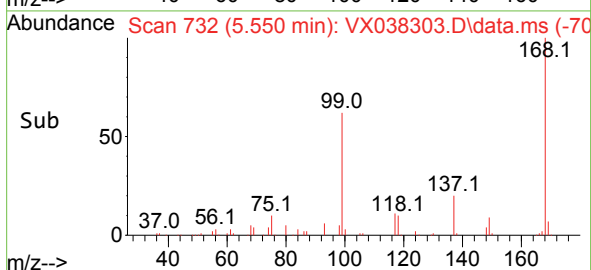
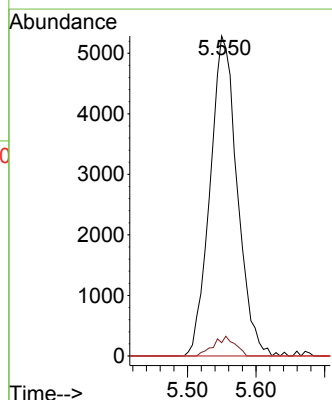
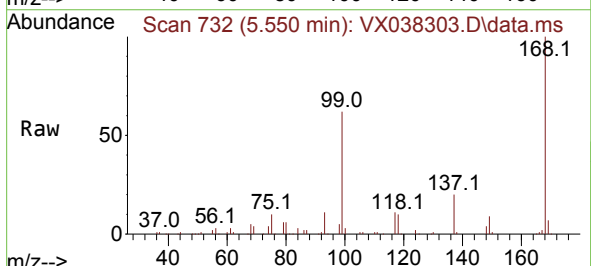


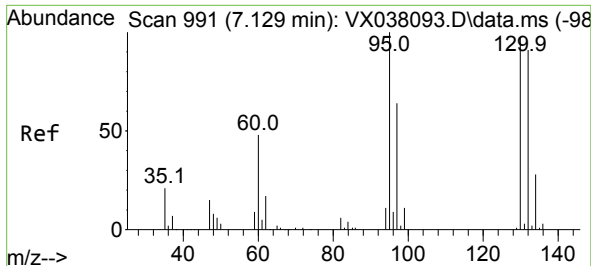
Tgt Ion: 75 Resp: 11809
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.855 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

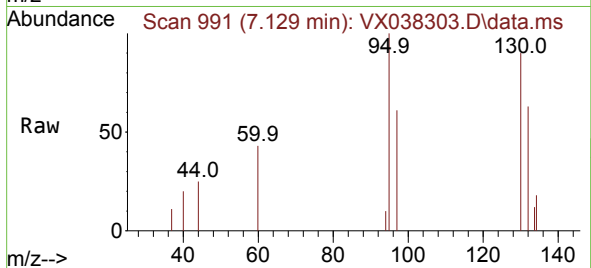
Tgt Ion: 117 Resp: 14584
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



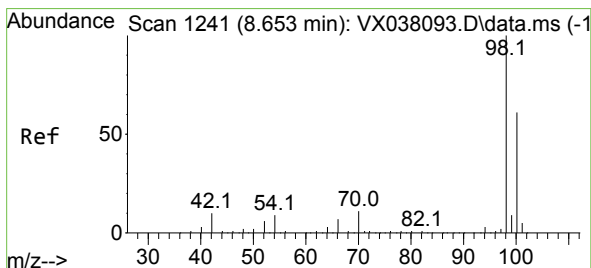
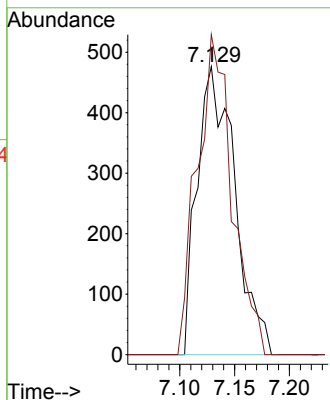
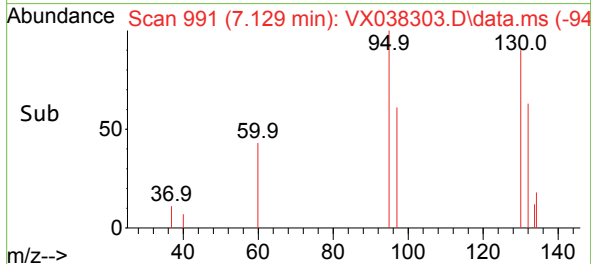


#44
Trichloroethene
Concen: 0.615 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Instrument :
MSVOA_X
ClientSampleId :

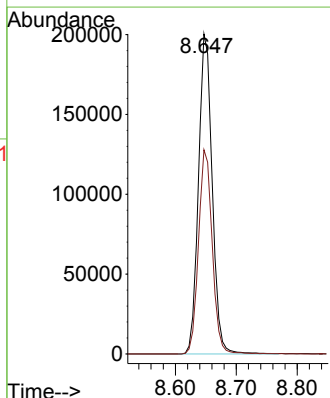
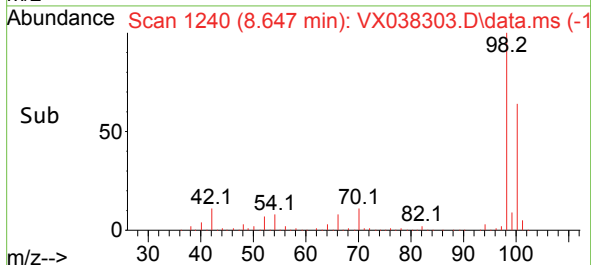
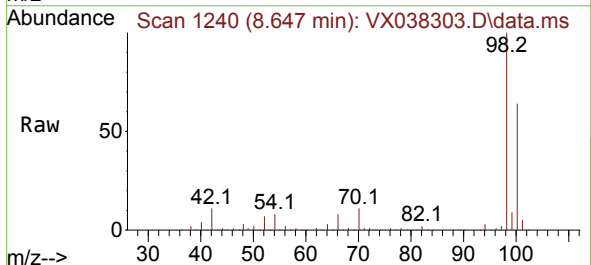


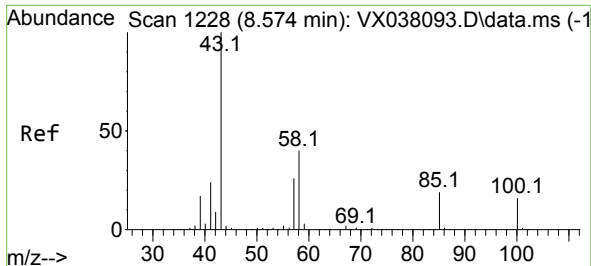
Tgt Ion:130 Resp: 1139
Ion Ratio Lower Upper
130 100
95 111.1 0.0 204.4



#50
Toluene-d8
Concen: 44.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038303.D
Acq: 16 Oct 2023 14:57

Tgt Ion: 98 Resp: 314055
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.449 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038303.D

Acq: 16 Oct 2023 14:57

Instrument :

MSVOA_X

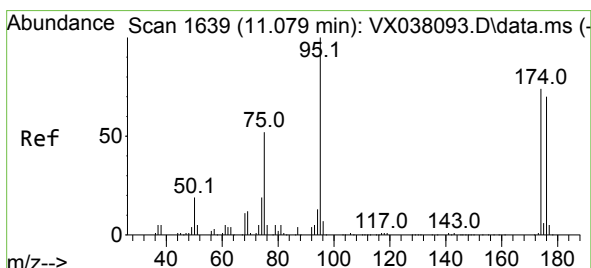
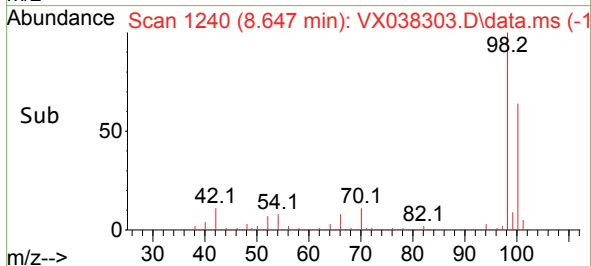
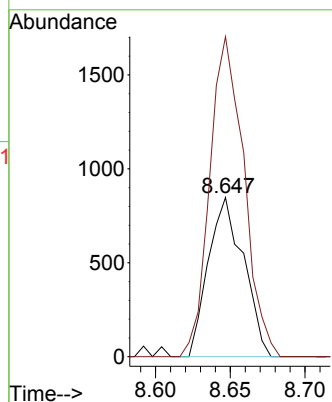
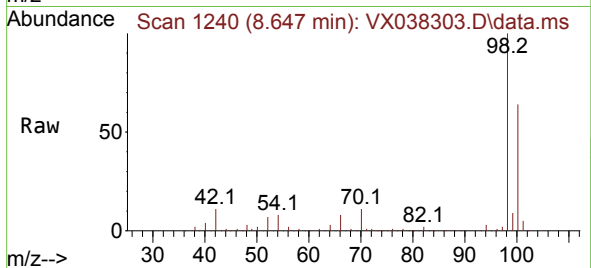
ClientSampleId :

Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

58 194.9 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 50.169 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038303.D

Acq: 16 Oct 2023 14:57

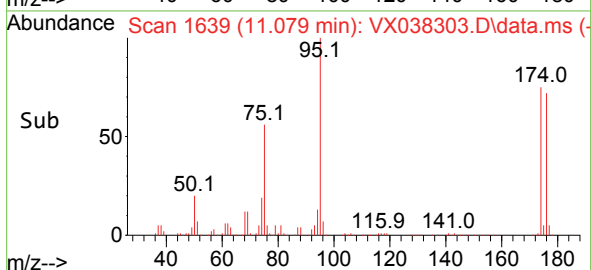
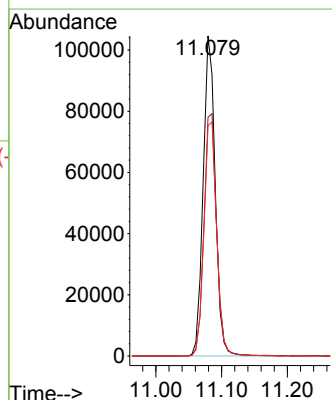
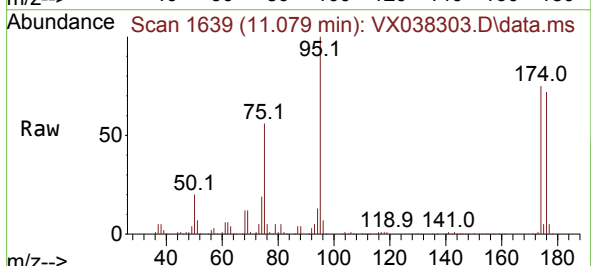
Tgt Ion: 95 Resp: 133445

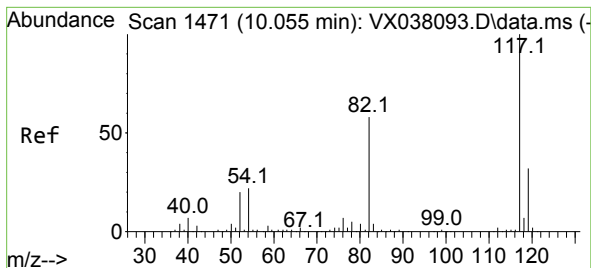
Ion Ratio Lower Upper

95 100

174 79.5 0.0 135.6

176 77.3 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: VX038303.D

Acq: 16 Oct 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :

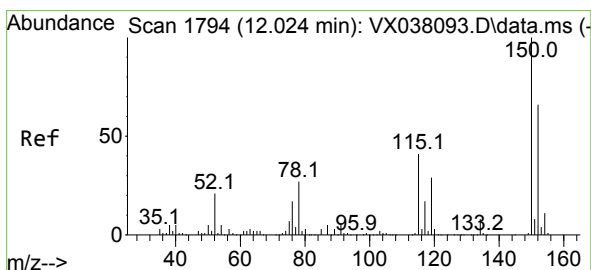
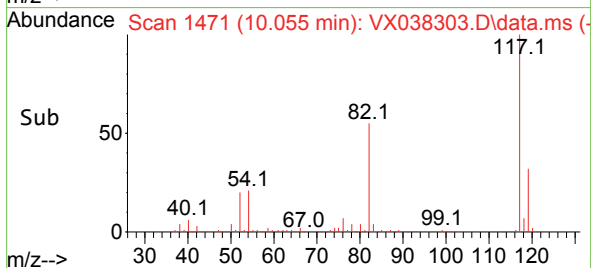
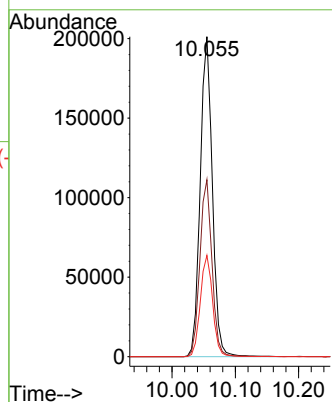
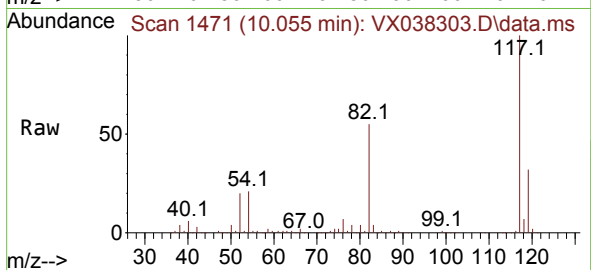
Tgt Ion:117 Resp: 268607

Ion Ratio Lower Upper

117 100

82 55.3 46.2 69.4

119 31.7 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: VX038303.D

Acq: 16 Oct 2023 14:57

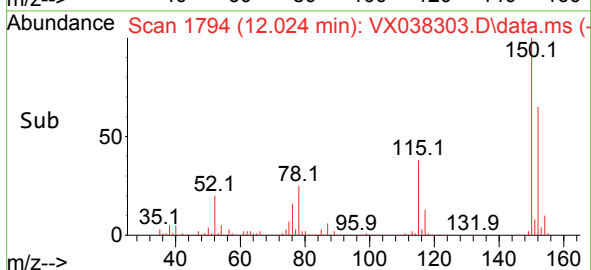
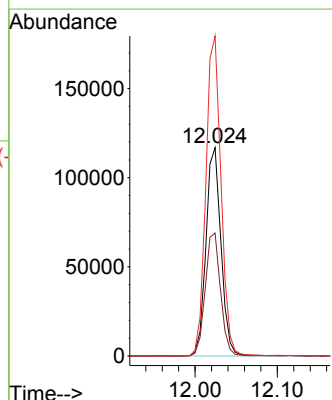
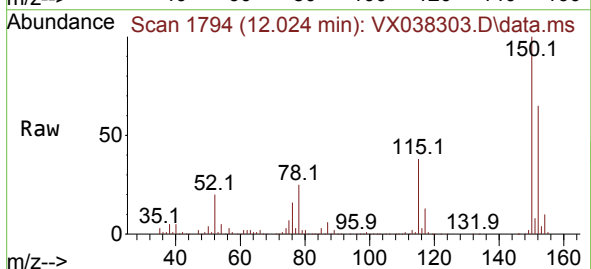
Tgt Ion:152 Resp: 148193

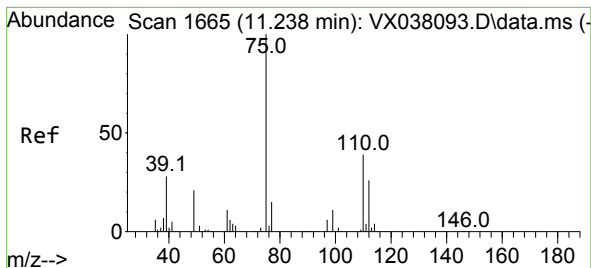
Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 154.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.489 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038303.D

Acq: 16 Oct 2023 14:57

Instrument :

MSVOA_X

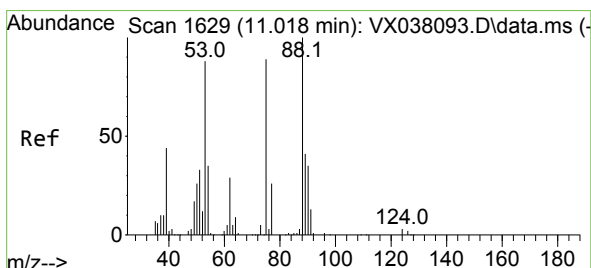
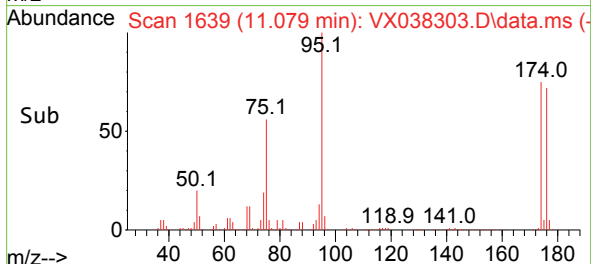
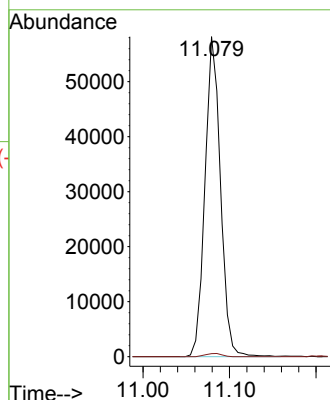
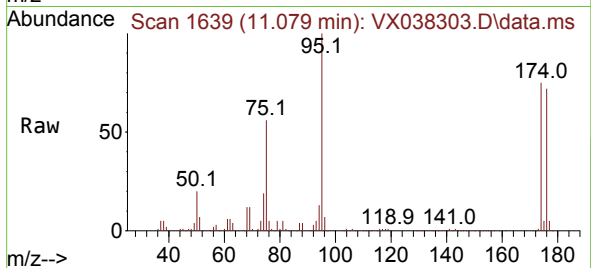
ClientSampleId :

Tgt Ion: 75 Resp: 72395

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.718 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038303.D

Acq: 16 Oct 2023 14:57

Tgt Ion: 75 Resp: 72395

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

