

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034510.D
 Acq On : 15 Mar 2023 15:58
 Operator : JC/MD
 Sample : 01909-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04

Quant Time: Mar 16 05:20:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

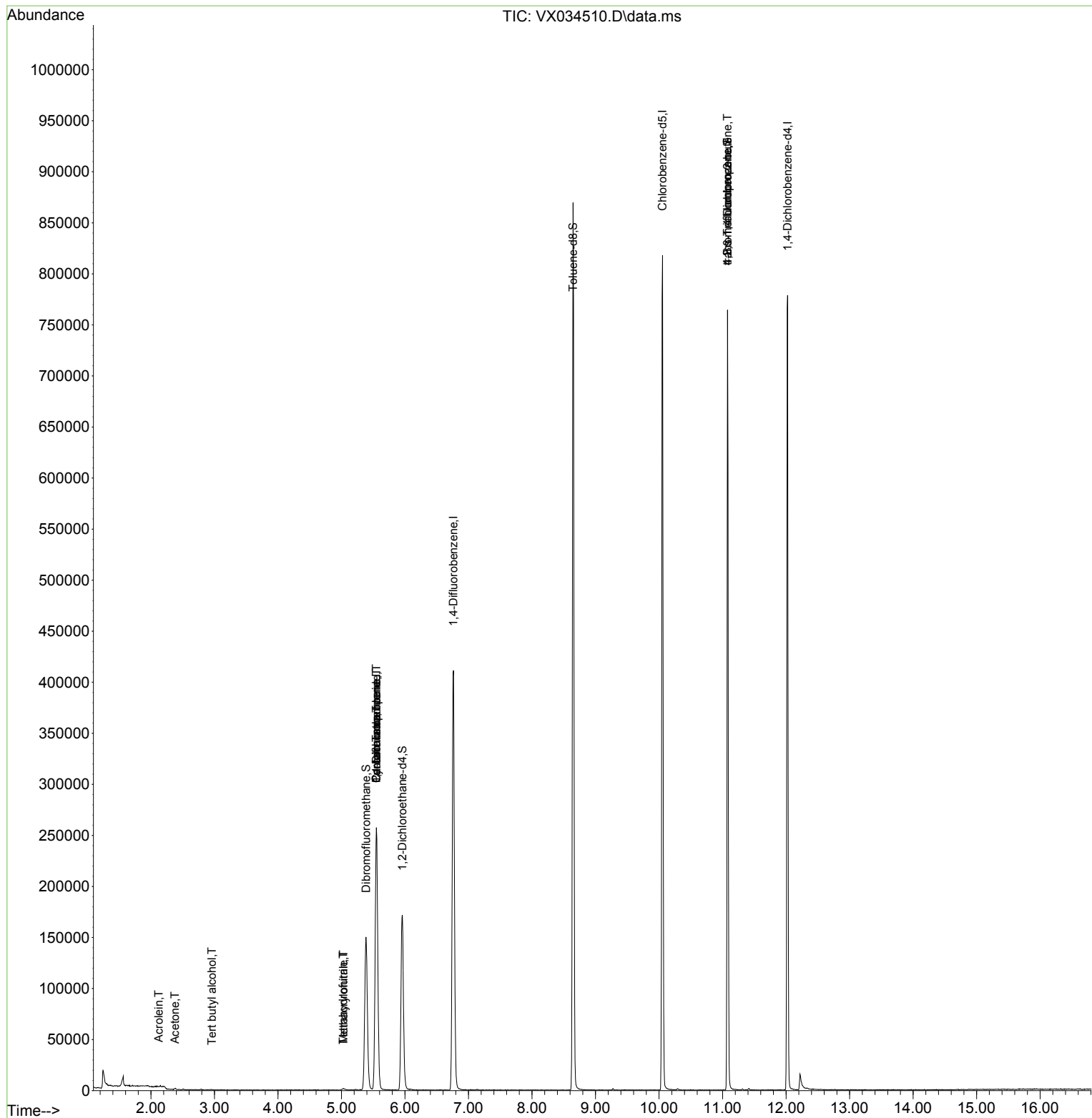
Internal Standards						
1) Pentafluorobenzene	5.550	168	245450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164147	45.969	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.940%
35) Dibromofluoromethane	5.385	113	128915	46.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	503933	49.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	190556	45.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1219	Below Cal	#	82
11) Tert butyl alcohol	2.959	59	350	0.471	ug/l #	73
13) Acrolein	2.124	56	135	0.229	ug/l	96
16) Acetone	2.380	43	1203	0.715	ug/l #	82
29) Tetrahydrofuran	5.025	42	1458	0.982	ug/l	90
31) Cyclohexane	5.550	56	5594	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19800	4.680	ug/l #	49
38) Carbon Tetrachloride	5.550	117	24546	5.832	ug/l #	16
41) Methacrylonitrile	5.032	41	937	0.370	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	99886	27.359	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	99886	74.014	ug/l #	8

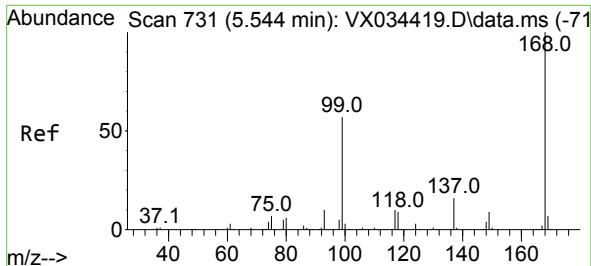
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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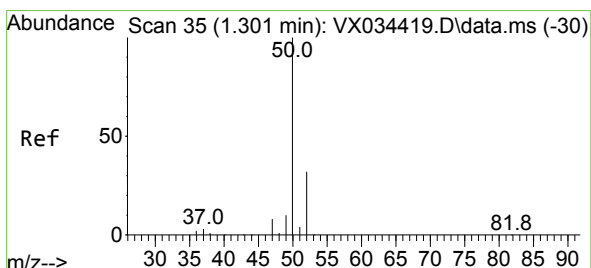
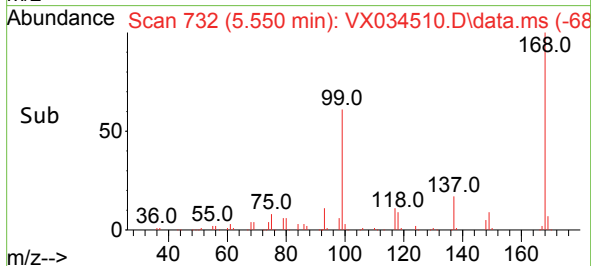
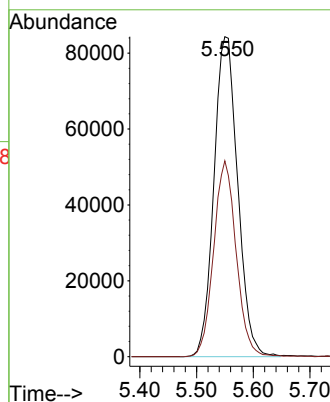
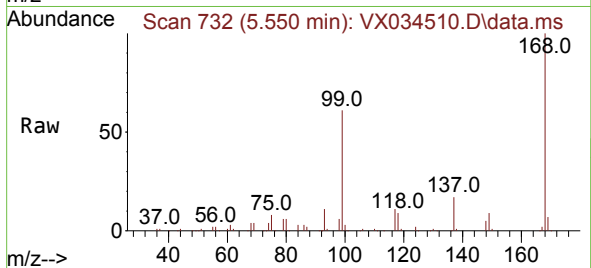




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

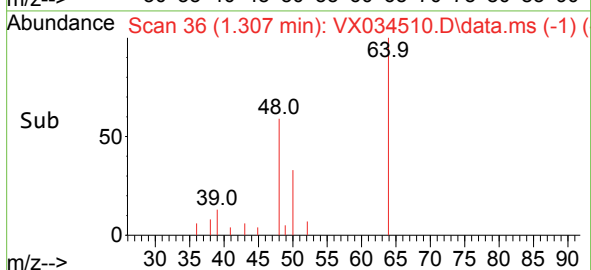
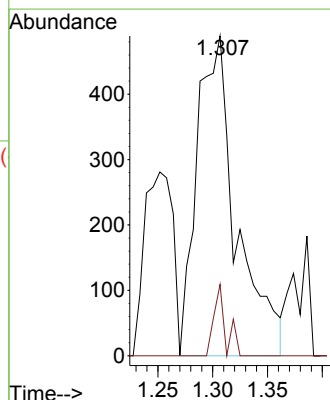
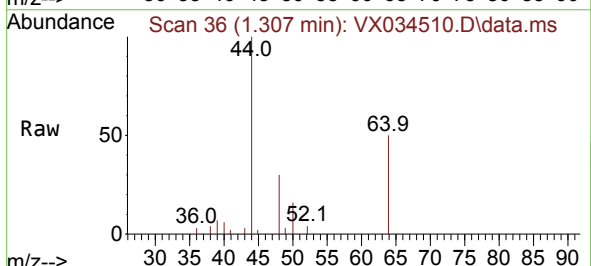
Instrument :
MSVOA_X
ClientSampleId :
TB04

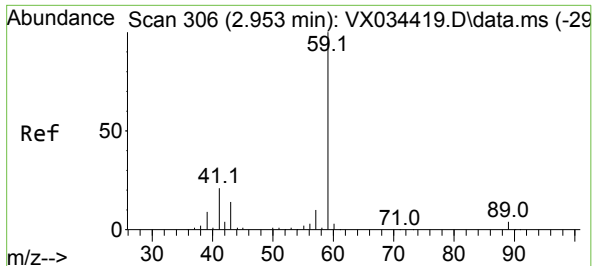
Tgt Ion:168 Resp: 245450
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 50 Resp: 1219
Ion Ratio Lower Upper
50 100
52 22.3 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.471 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX034510.D

Acq: 15 Mar 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

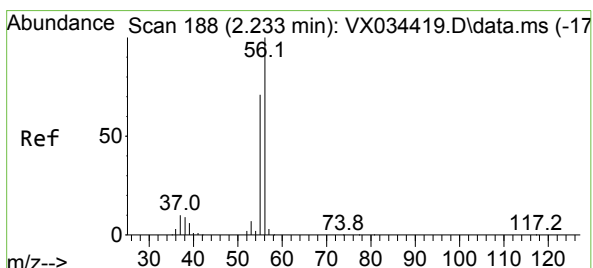
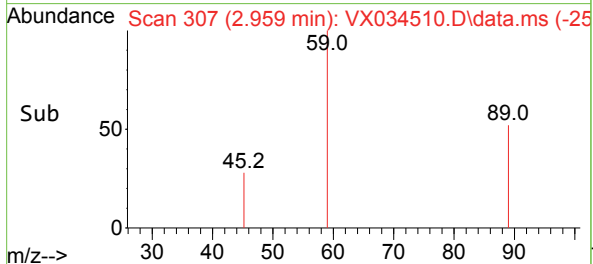
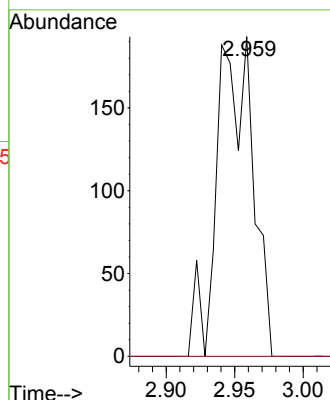
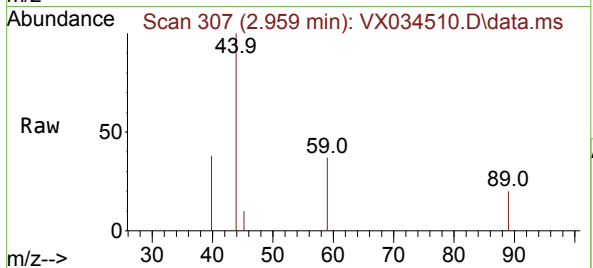
TB04

Tgt Ion: 59 Resp: 350

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.229 ug/l

RT: 2.124 min Scan# 170

Delta R.T. -0.109 min

Lab File: VX034510.D

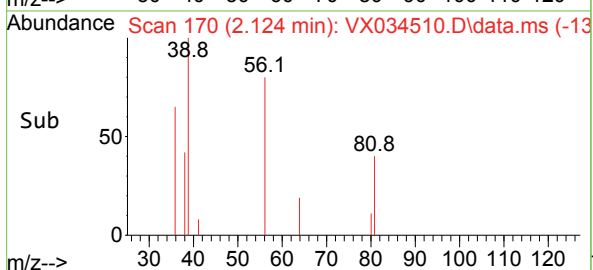
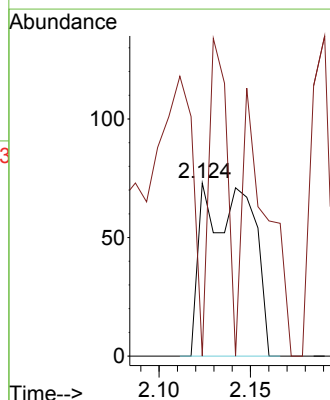
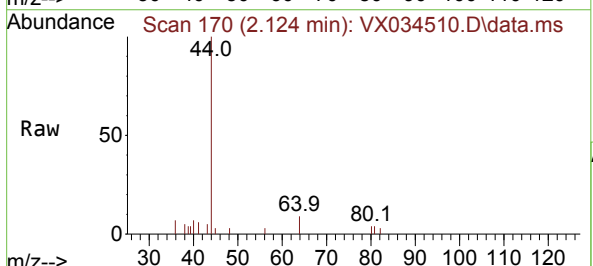
Acq: 15 Mar 2023 15:58

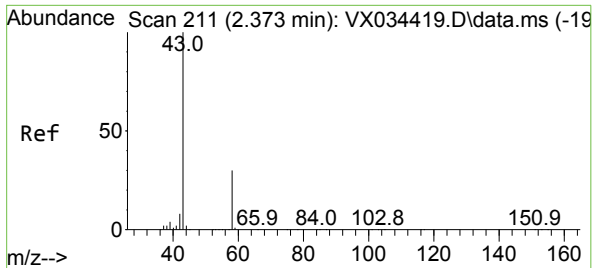
Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

55 67.4 56.6 85.0

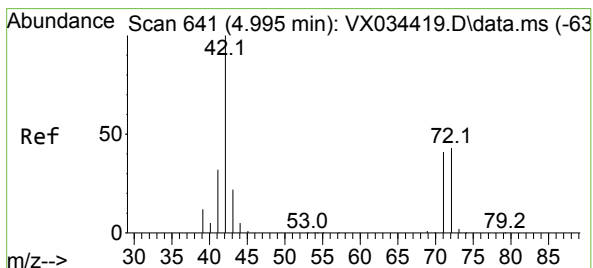
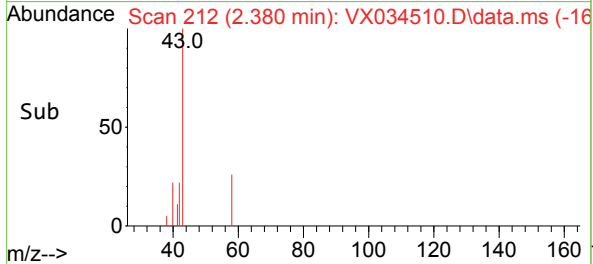
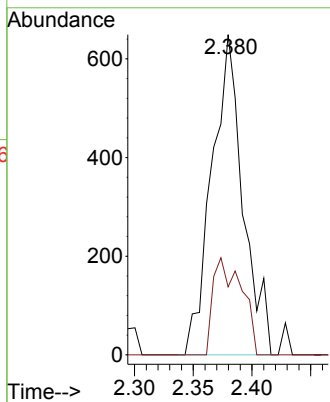
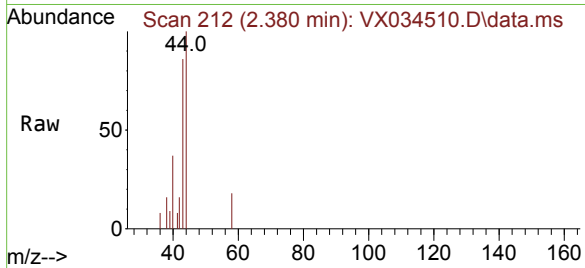




#16
Acetone
Concen: 0.715 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

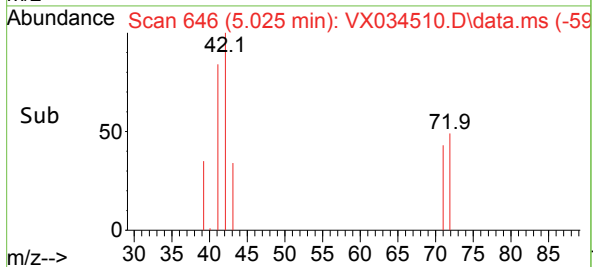
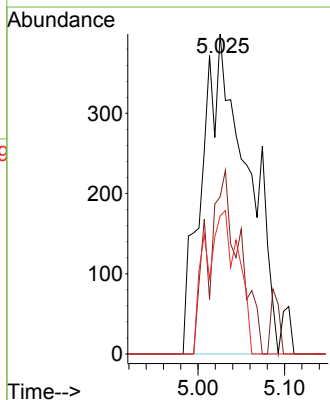
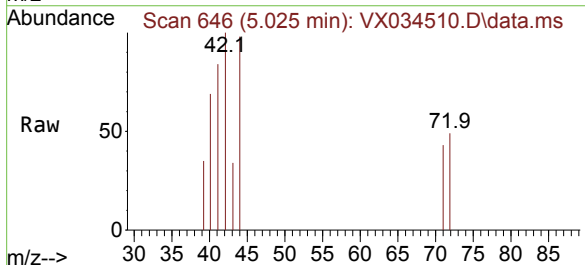
Instrument :
MSVOA_X
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TB04

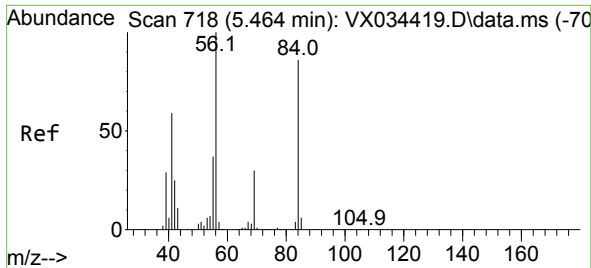
Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 21.3 24.7 37.1#



#29
Tetrahydrofuran
Concen: 0.982 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.031 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 42 Resp: 1458
Ion Ratio Lower Upper
42 100
72 39.0 34.5 51.7
71 32.2 32.1 48.1

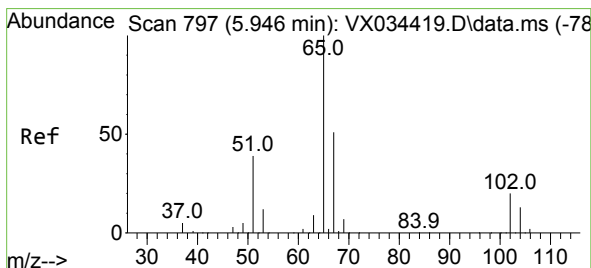
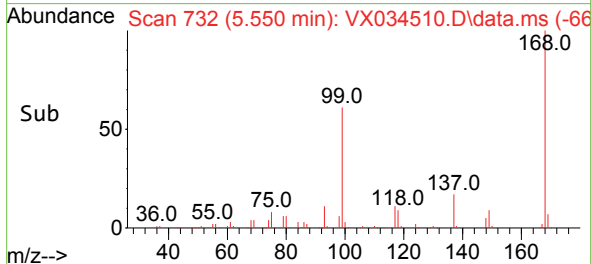
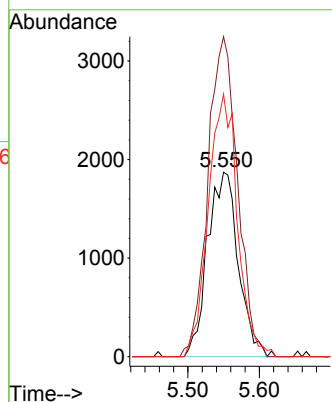
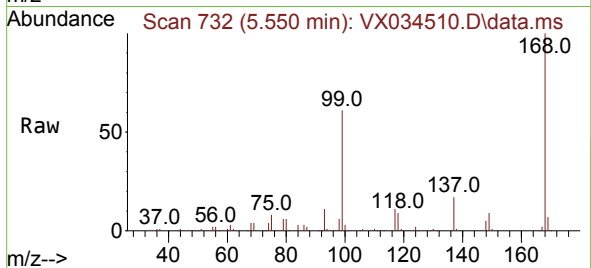




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

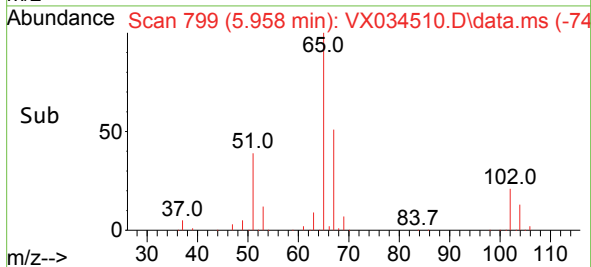
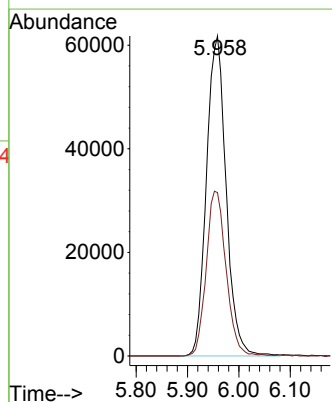
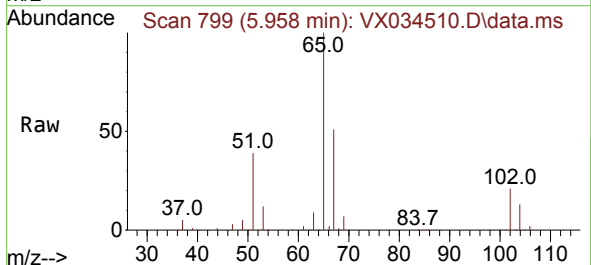
Instrument :
MSVOA_X
ClientSampleId :
TB04

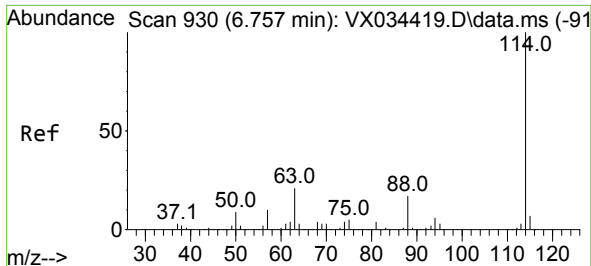
Tgt Ion: 56 Resp: 5594
Ion Ratio Lower Upper
56 100
69 173.5 23.7 35.5#
84 142.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.969 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 65 Resp: 164147
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034510.D

Acq: 15 Mar 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

TB04

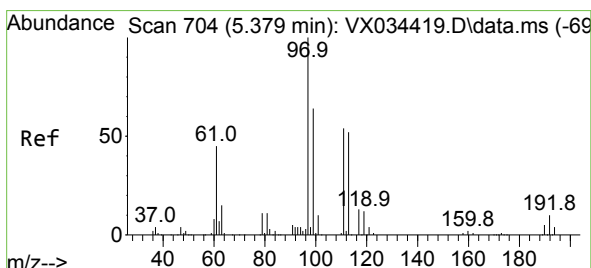
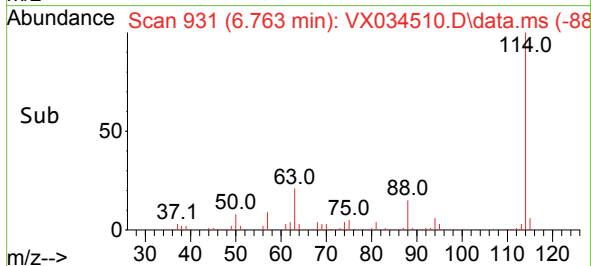
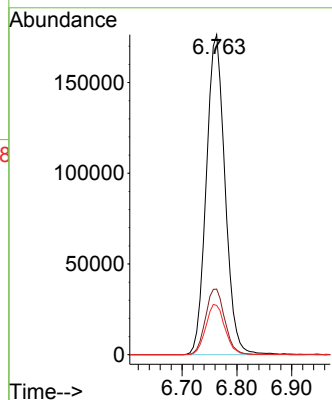
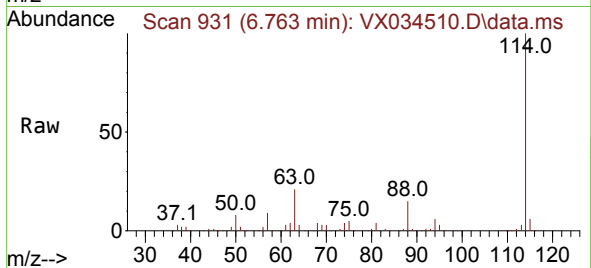
Tgt Ion:114 Resp: 417188

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.2

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.802 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034510.D

Acq: 15 Mar 2023 15:58

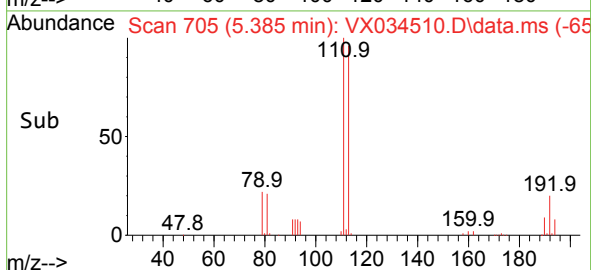
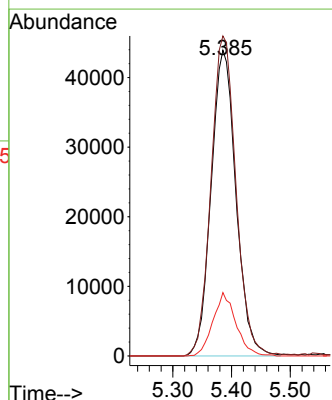
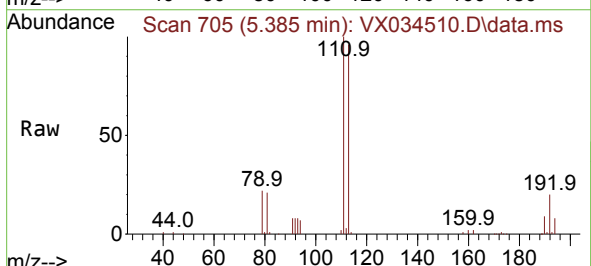
Tgt Ion:113 Resp: 128915

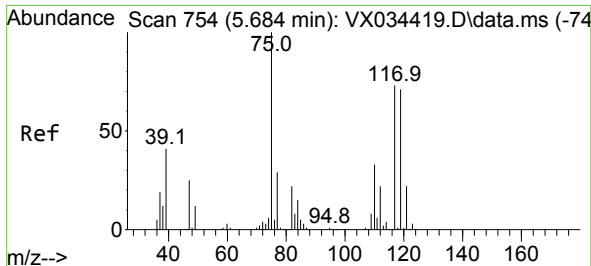
Ion Ratio Lower Upper

113 100

111 105.4 83.7 125.5

192 19.2 15.4 23.2

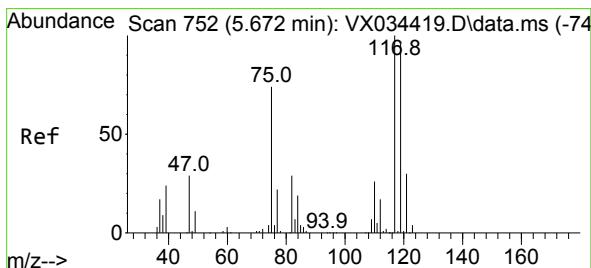
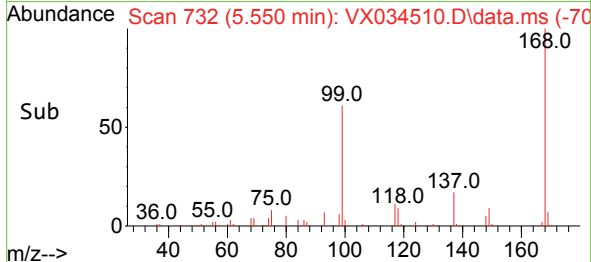
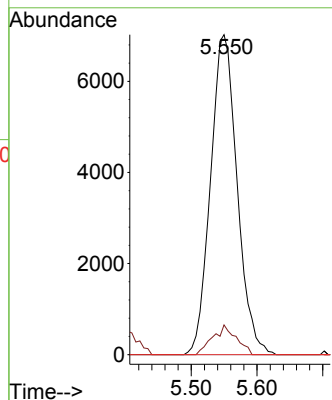
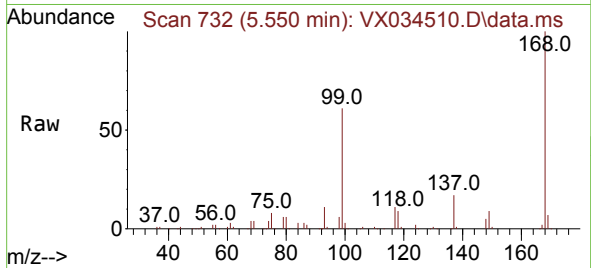




#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

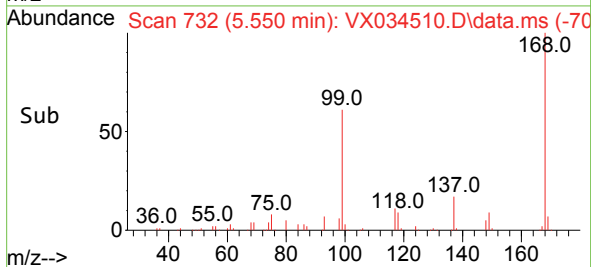
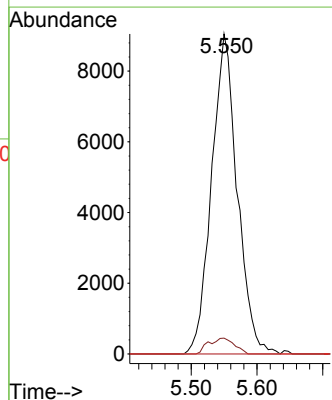
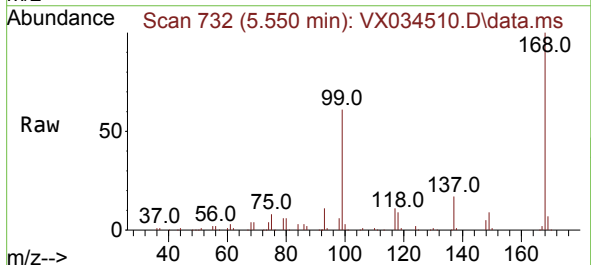
Instrument :
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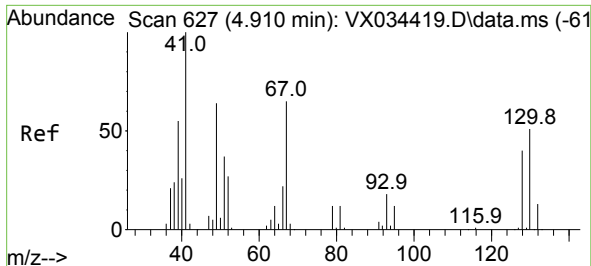
Tgt Ion: 75 Resp: 19800
Ion Ratio Lower Upper
75 100
110 8.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.832 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 117 Resp: 24546
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#

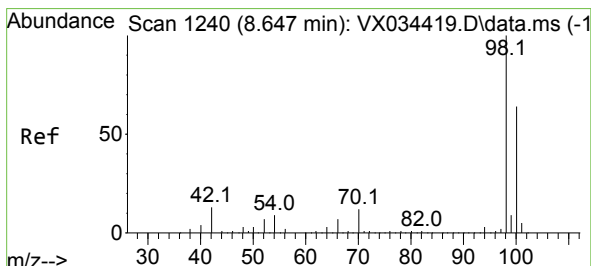
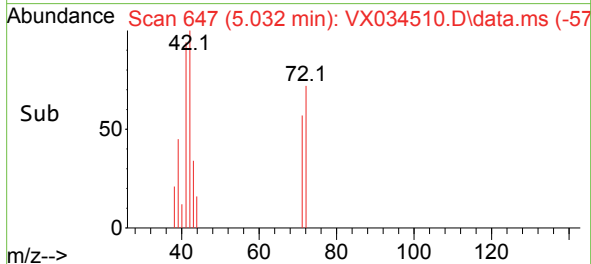
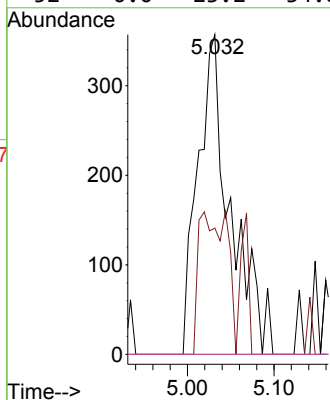
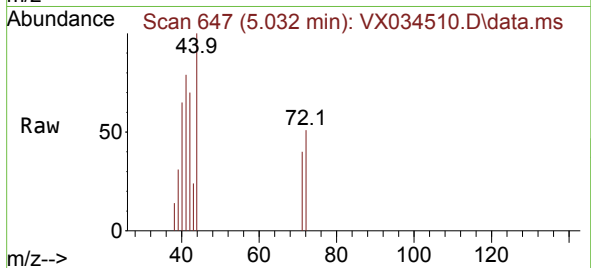




#41
Methacrylonitrile
Concen: 0.370 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.122 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

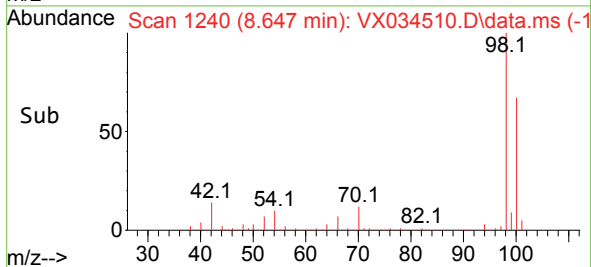
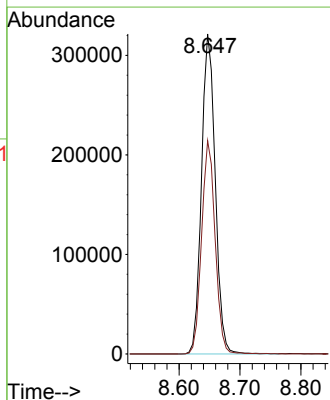
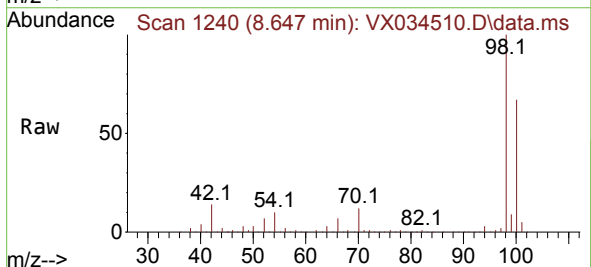
Instrument :
MSVOA_X
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TB04

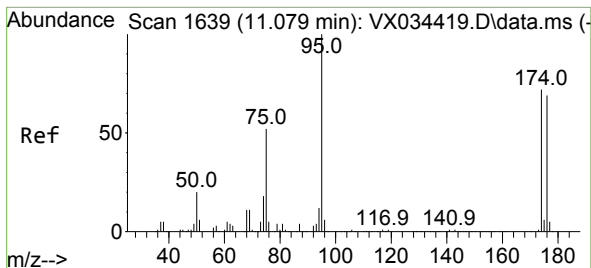
Tgt Ion: 41 Resp: 937
Ion Ratio Lower Upper
41 100
39 38.6 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#



#50
Toluene-d8
Concen: 49.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 98 Resp: 503933
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

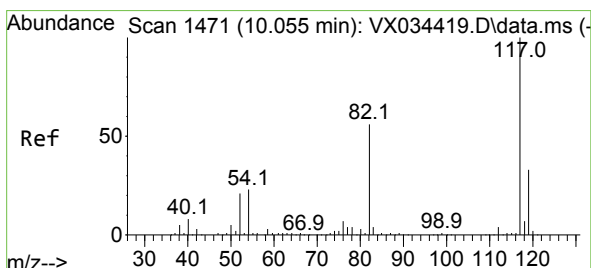
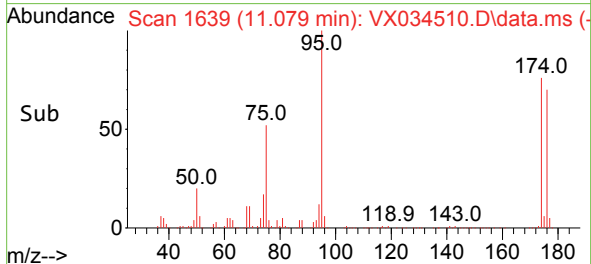
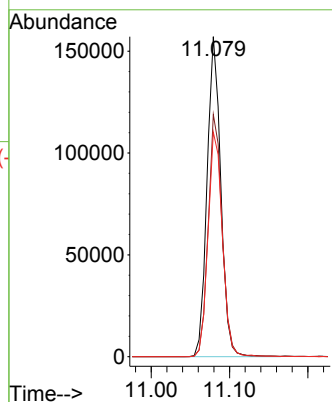
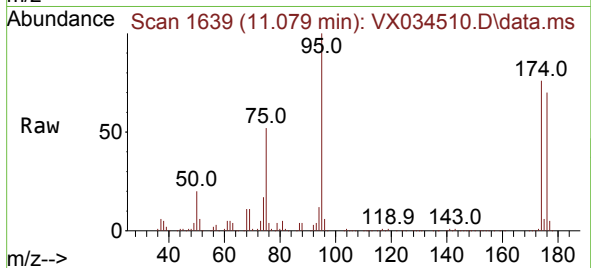




#62
4-Bromofluorobenzene
Concen: 45.880 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

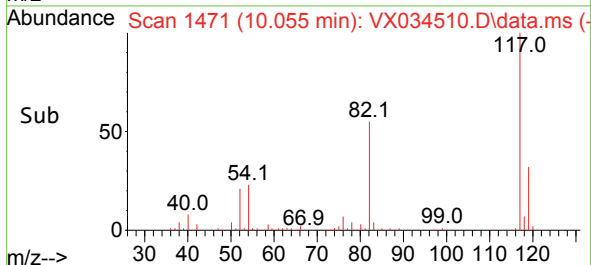
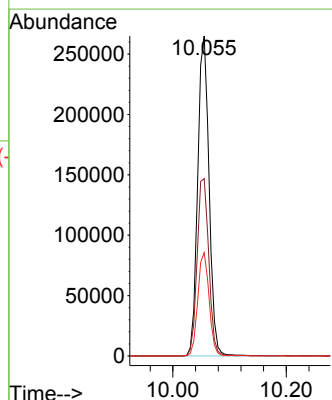
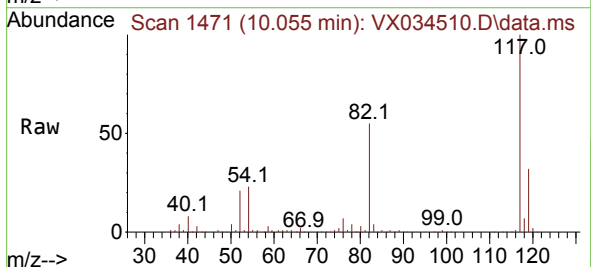
Instrument :
MSVOA_X
ClientSampleId :
TB04

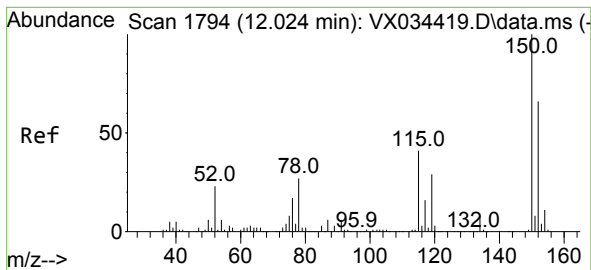
Tgt Ion: 95 Resp: 190556
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 73.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034510.D
Acq: 15 Mar 2023 15:58

Tgt Ion: 117 Resp: 368447
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034510.D

Acq: 15 Mar 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

TB04

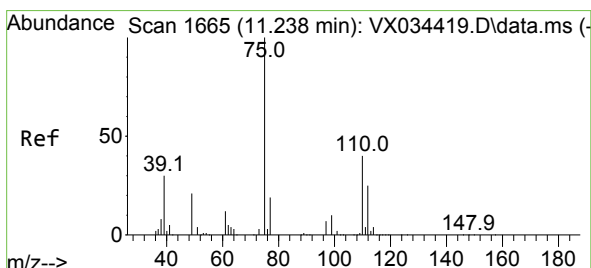
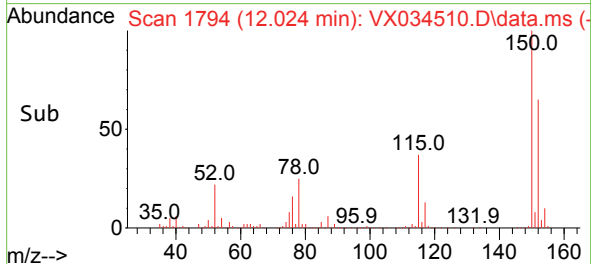
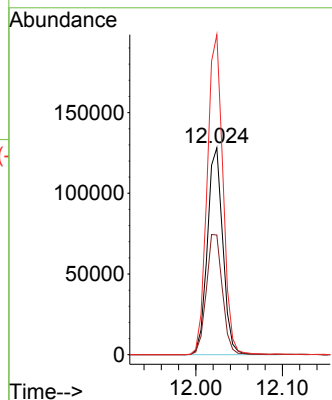
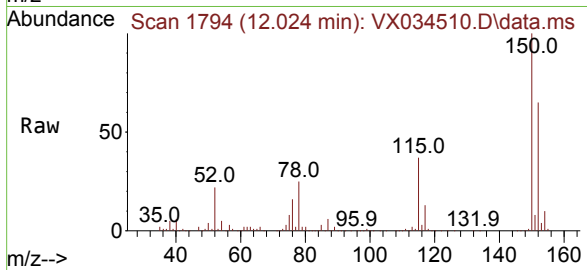
Tgt Ion:152 Resp: 159006

Ion Ratio Lower Upper

152 100

115 60.4 45.0 135.0

150 157.4 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 27.359 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034510.D

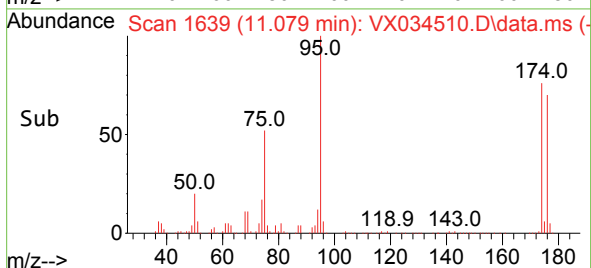
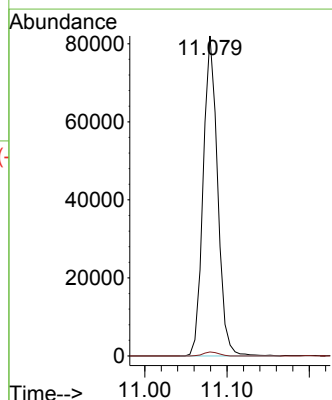
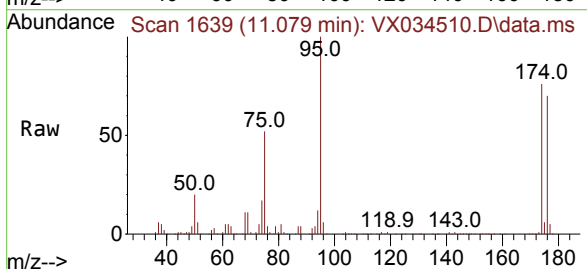
Acq: 15 Mar 2023 15:58

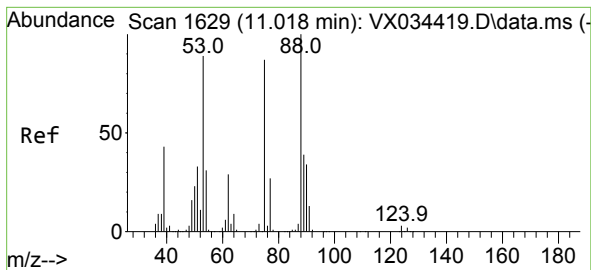
Tgt Ion: 75 Resp: 99886

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.014 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034510.D
 Acq: 15 Mar 2023 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04

Tgt Ion: 75 Resp: 99886
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

