

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038398.D
 Acq On : 20 Oct 2023 13:34
 Operator : JC/MD
 Sample : 04985-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 21 01:30:12 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)

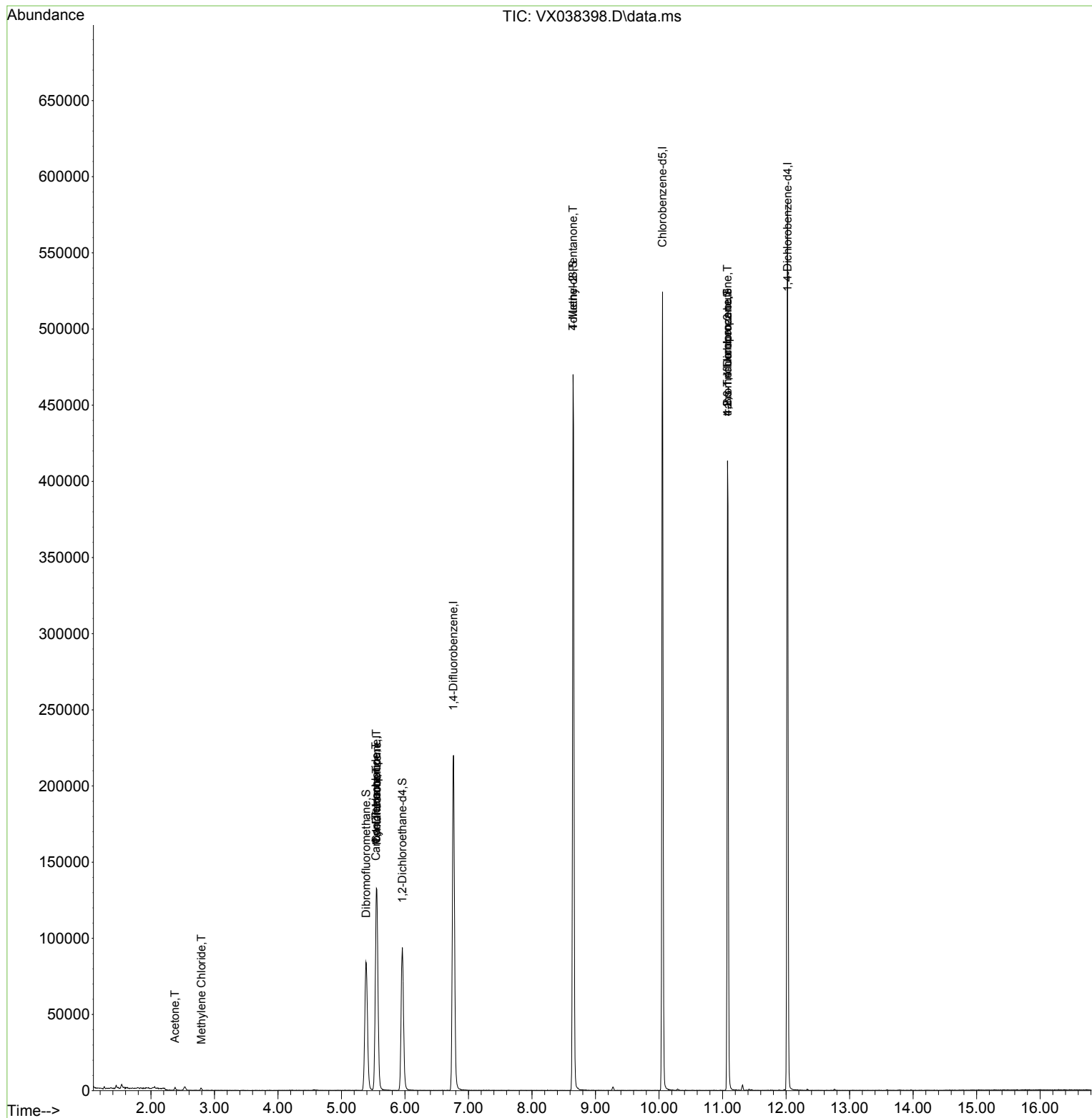
Internal Standards						
1) Pentafluorobenzene	5.556	168	126253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90762	44.695	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.380%
35) Dibromofluoromethane	5.385	113	73873	45.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.460%
50) Toluene-d8	8.647	98	282446	45.256	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.520%#
62) 4-Bromofluorobenzene	11.079	95	106110	44.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	20	Below Cal	#	3
6) Chloroethane	1.691	64	19	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	51	Below Cal	#	78
16) Acetone	2.380	43	1679	1.981	ug/l #	79
20) Methylene Chloride	2.794	84	646	0.405	ug/l #	90
31) Cyclohexane	5.550	56	3013	1.369	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10364	4.602	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13332	6.017	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1115	0.405	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	58138	21.645	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58138	62.138	ug/l #	5

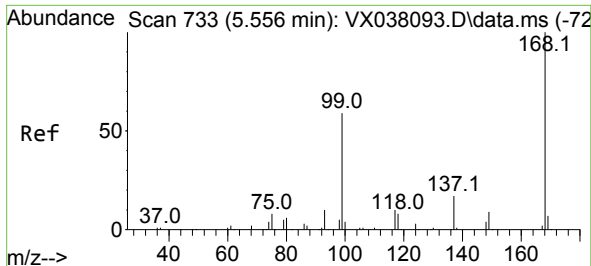
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 21 01:30:12 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

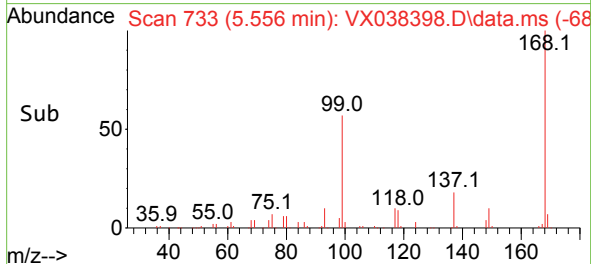
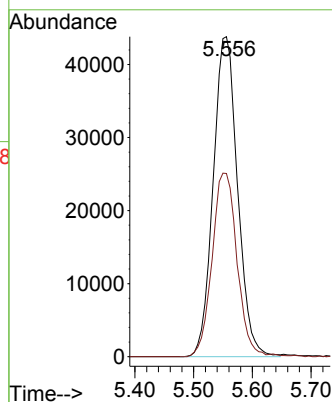
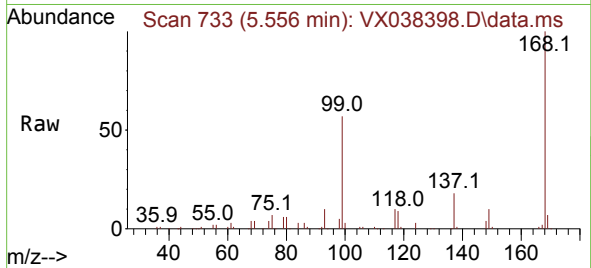




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

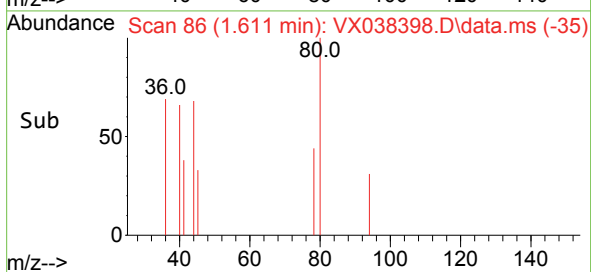
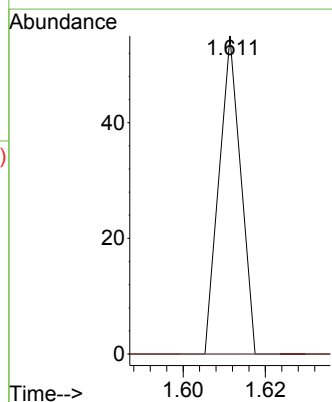
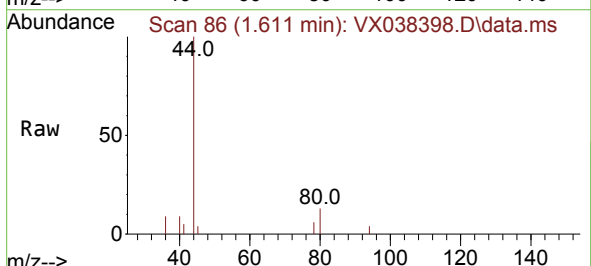
Instrument :
MSVOA_X
ClientSampleId :
TB

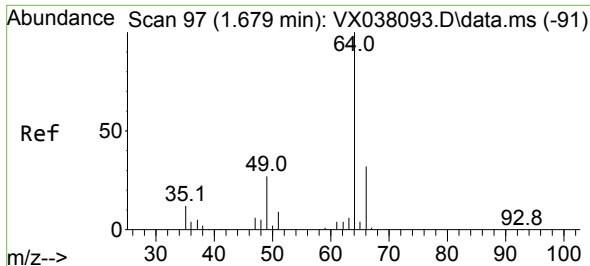
Tgt Ion:168 Resp: 126253
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

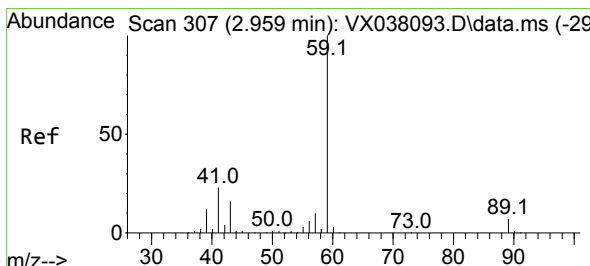
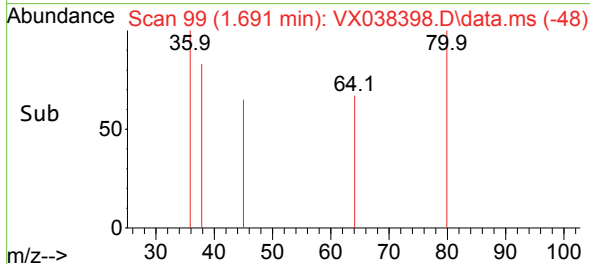
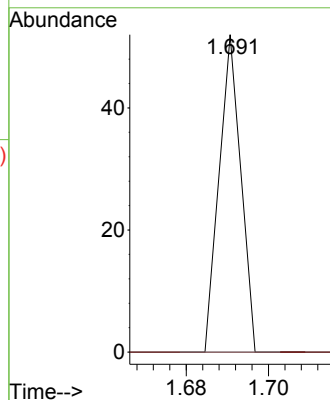
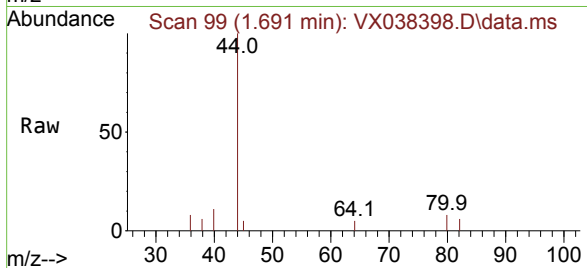




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

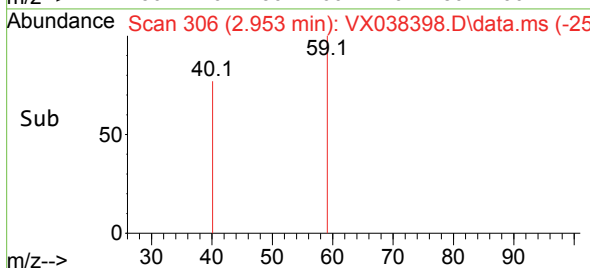
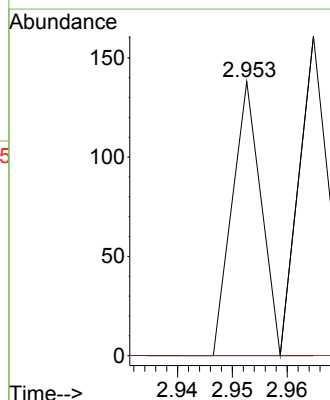
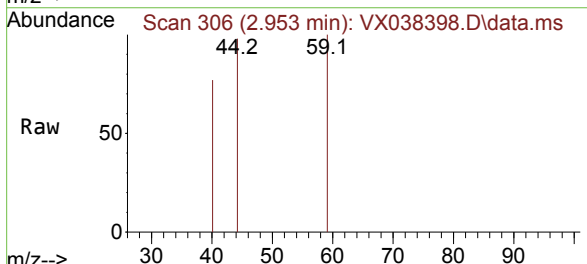
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 64 Resp: 19
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# 306
Delta R.T. -0.006 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

Tgt Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.981 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038398.D

Acq: 20 Oct 2023 13:34

Instrument :

MSVOA_X

ClientSampleId :

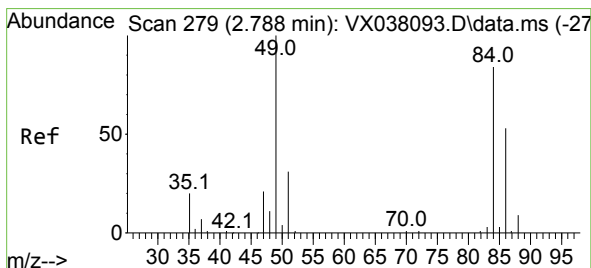
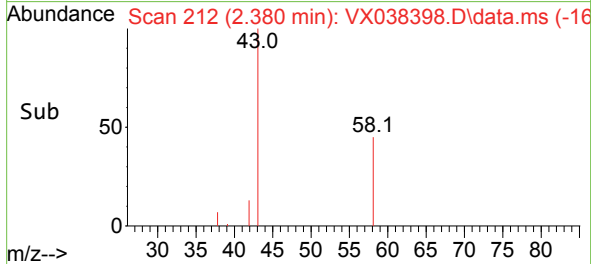
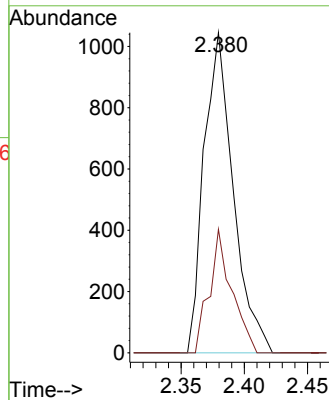
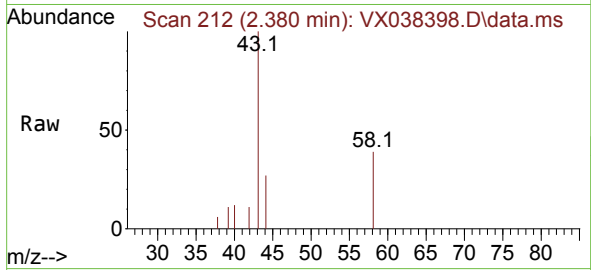
TB

Tgt Ion: 43 Resp: 1679

Ion Ratio Lower Upper

43 100

58 38.6 21.9 32.9#



#20

Methylene Chloride

Concen: 0.405 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038398.D

Acq: 20 Oct 2023 13:34

Tgt Ion: 84 Resp: 646

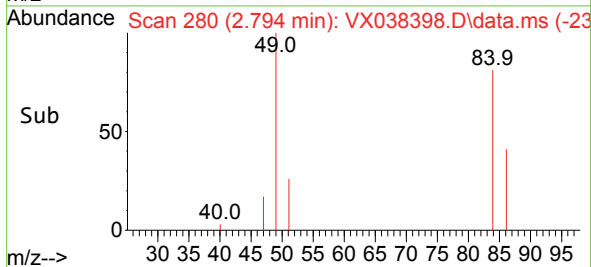
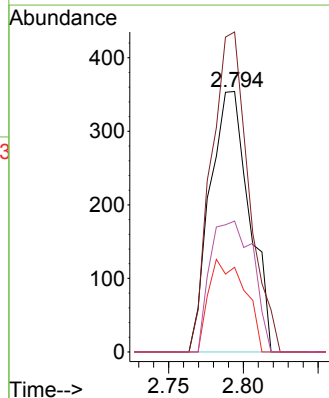
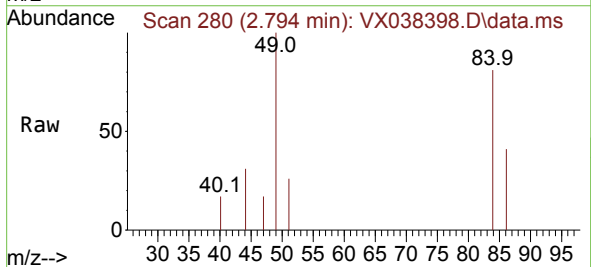
Ion Ratio Lower Upper

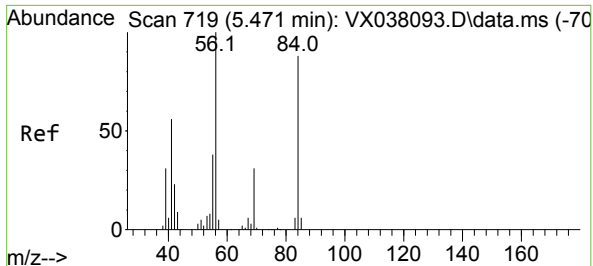
84 100

49 122.9 103.6 155.4

51 32.5 33.8 50.6#

86 50.3 49.4 74.0

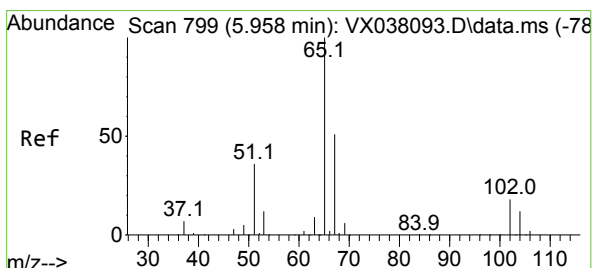
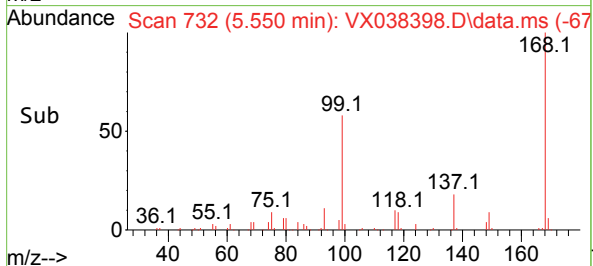
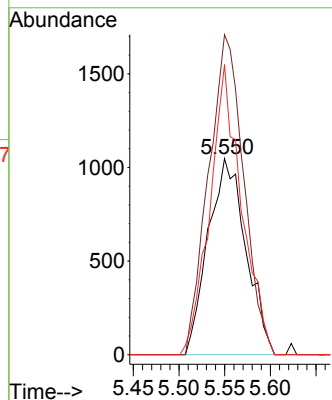
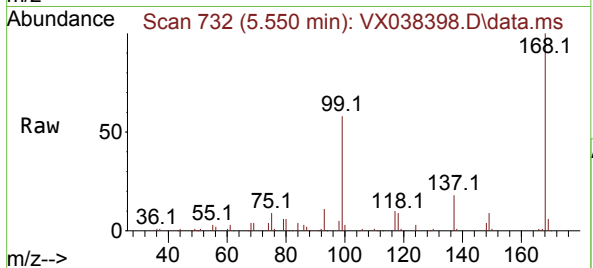




#31
Cyclohexane
Concen: 1.369 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

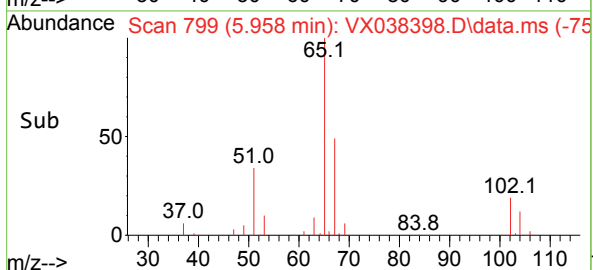
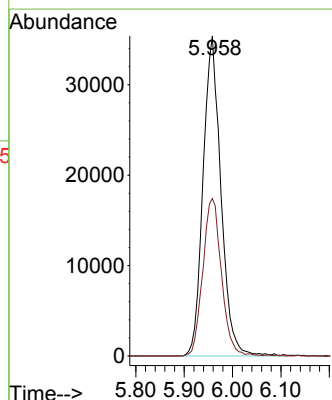
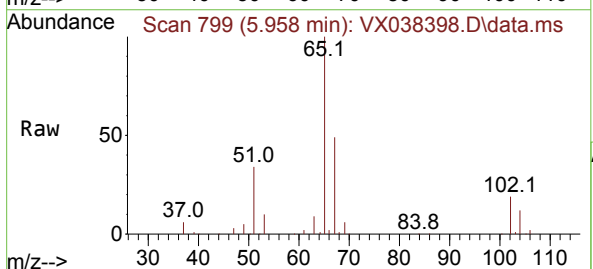
Instrument :
MSVOA_X
ClientSampleId :
TB

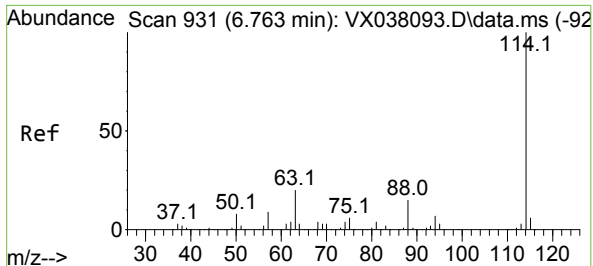
Tgt Ion: 56 Resp: 3013
Ion Ratio Lower Upper
56 100
69 163.2 23.4 35.2#
84 147.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.695 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

Tgt Ion: 65 Resp: 90762
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

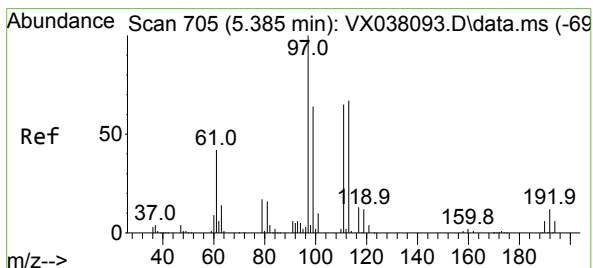
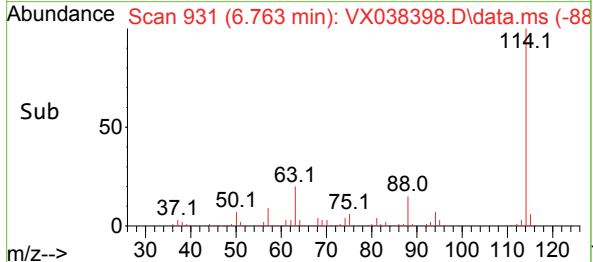
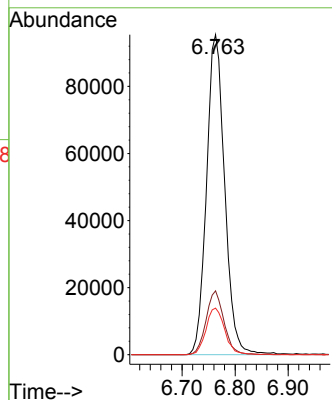
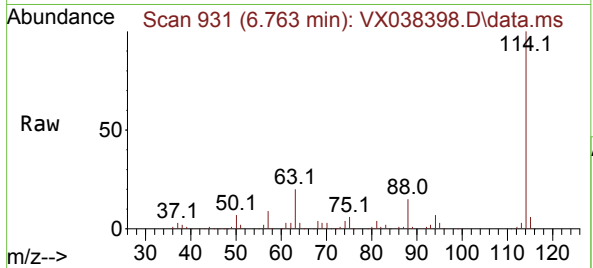




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

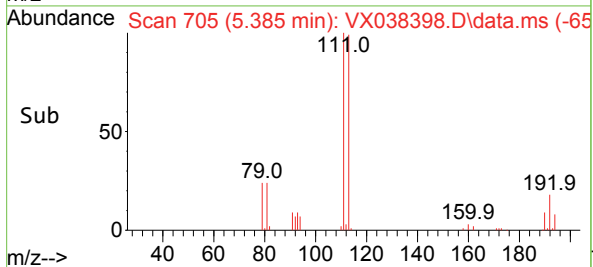
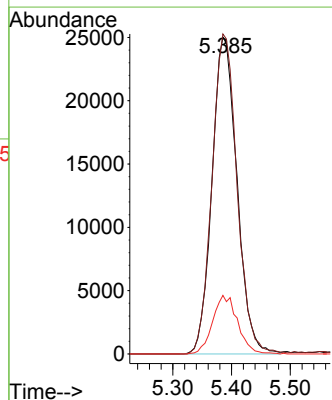
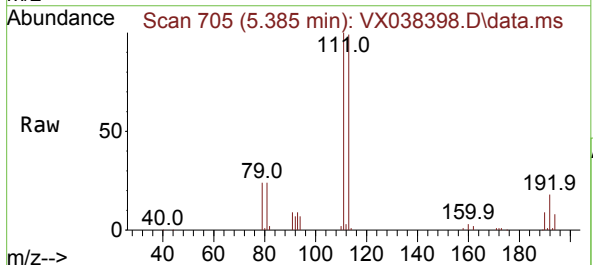
Instrument :
MSVOA_X
ClientSampleId :
TB

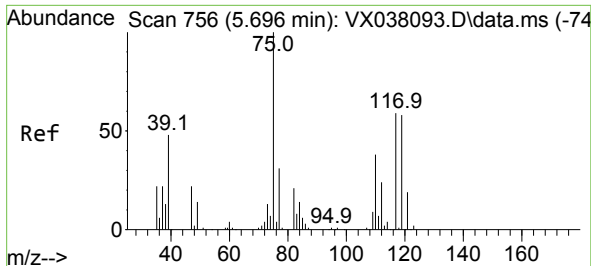
Tgt Ion:114 Resp: 226663
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.231 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

Tgt Ion:113 Resp: 73873
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.5 13.3 19.9

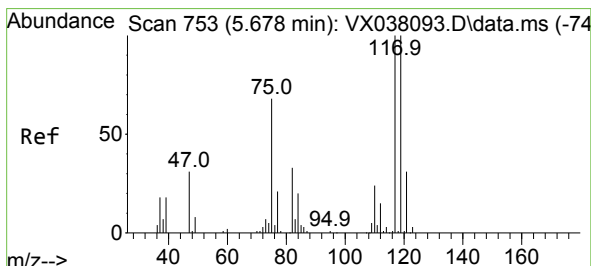
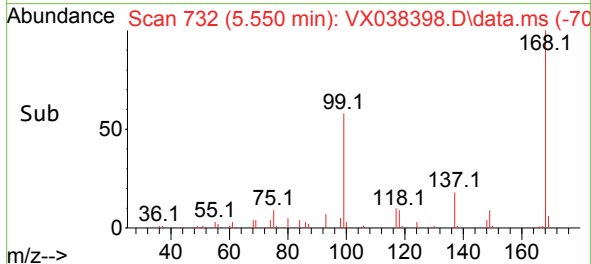
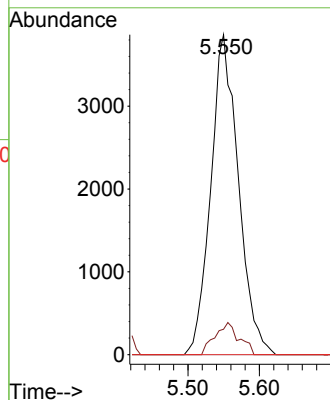
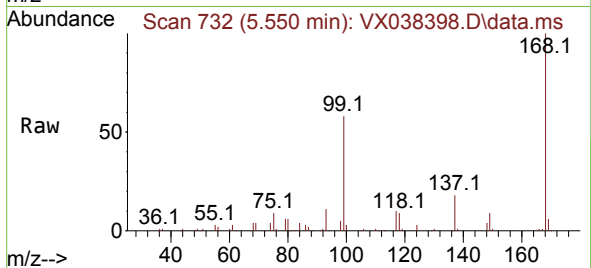




#36
1,1-Dichloropropene
Concen: 4.602 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

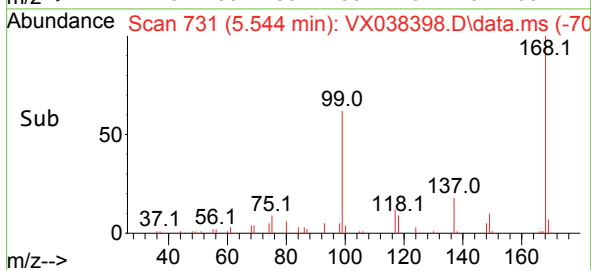
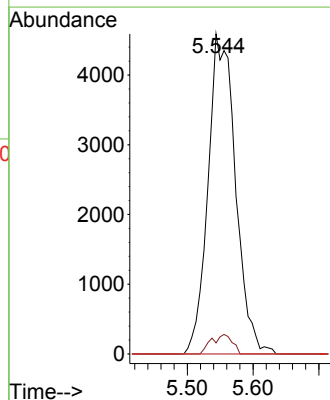
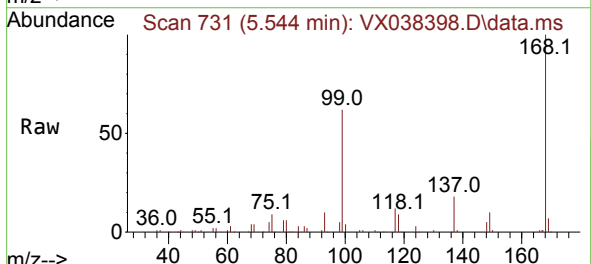
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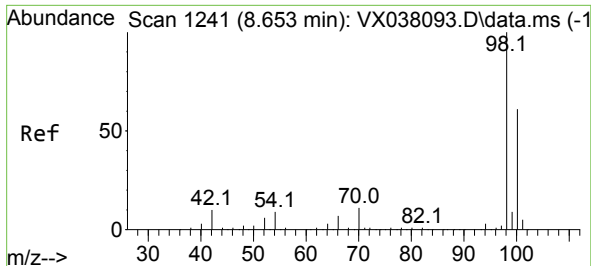
Tgt Ion: 75 Resp: 10364
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

Tgt Ion: 117 Resp: 13332
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

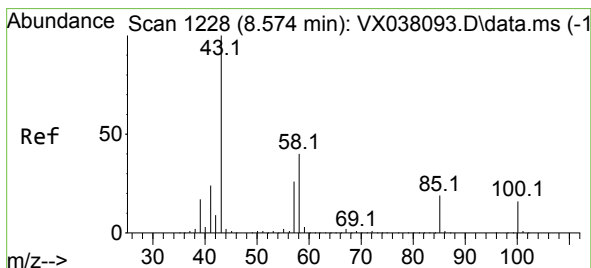
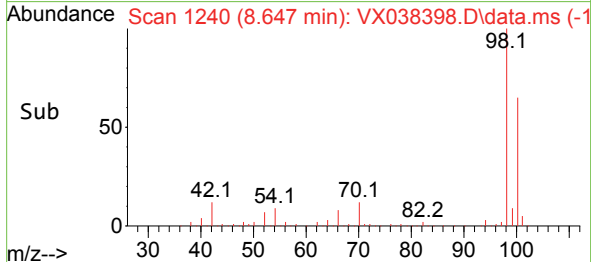
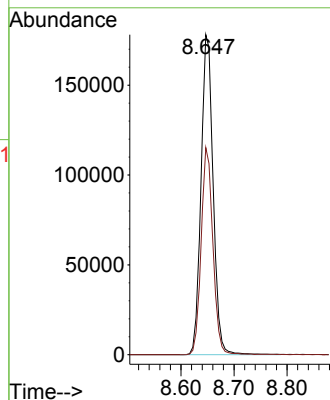
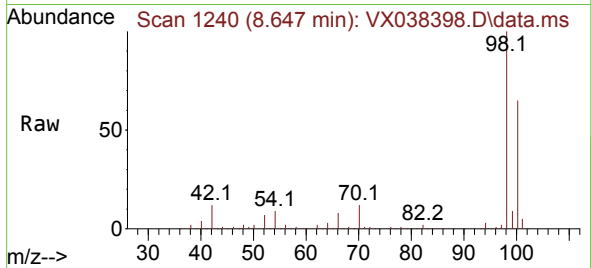




#50
Toluene-d8
Concen: 45.256 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

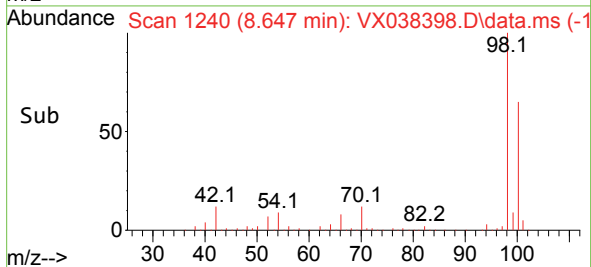
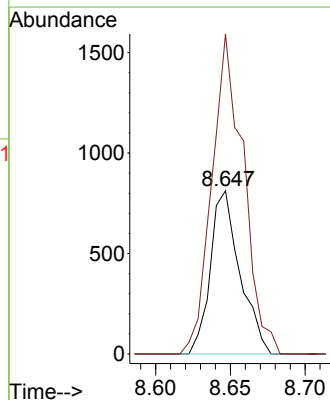
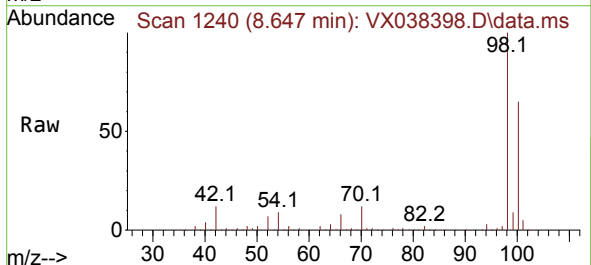
Instrument :
MSVOA_X
ClientSampleId :
TB

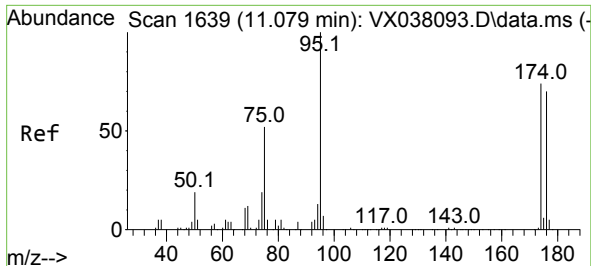
Tgt Ion: 98 Resp: 282446
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.405 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 210.0 30.4 45.6#

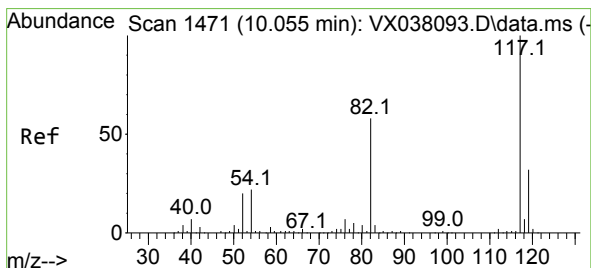
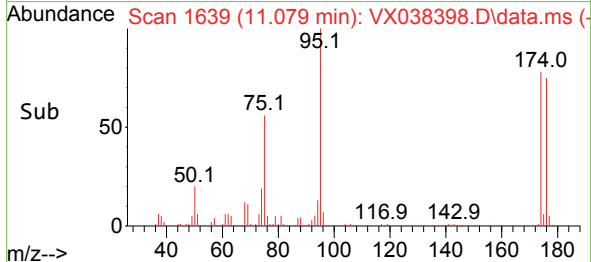
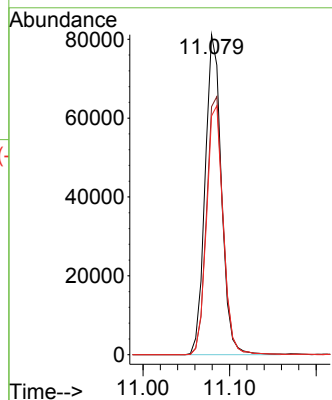
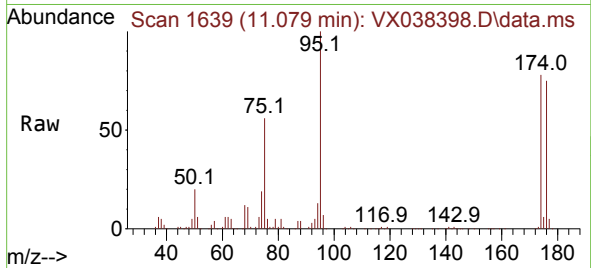




#62
4-Bromofluorobenzene
Concen: 44.847 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

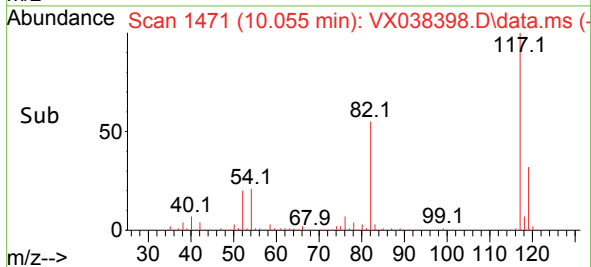
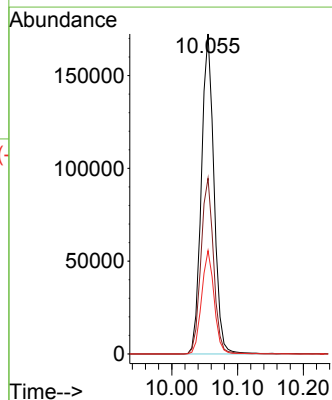
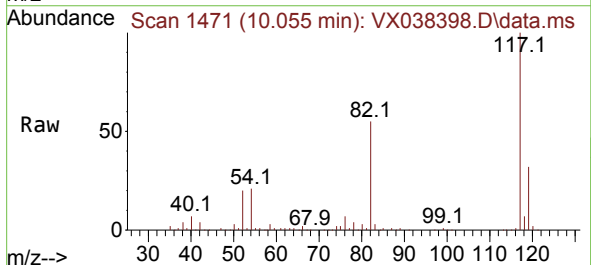
Instrument :
MSVOA_X
ClientSampleId :
TB

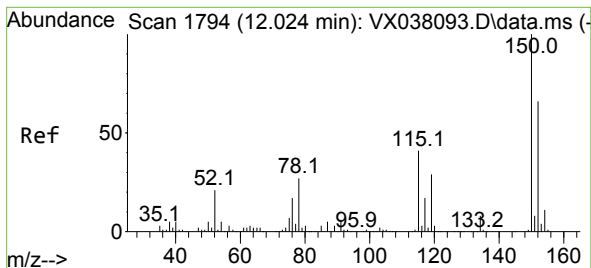
Tgt Ion: 95 Resp: 106110
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 79.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038398.D
Acq: 20 Oct 2023 13:34

Tgt Ion: 117 Resp: 229820
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.3 25.5 38.3

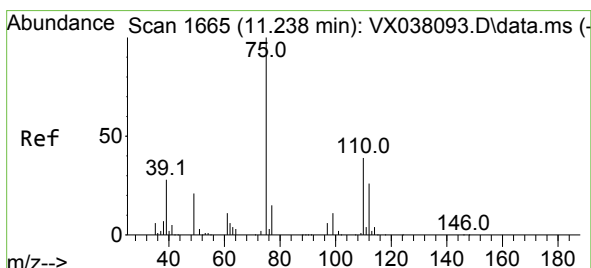
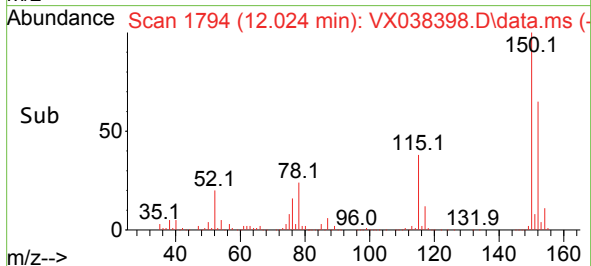
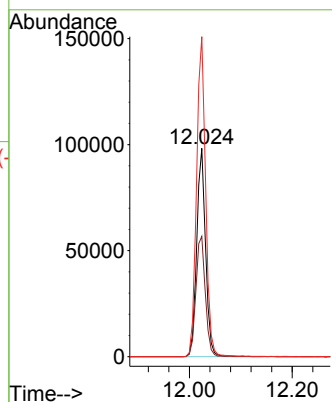
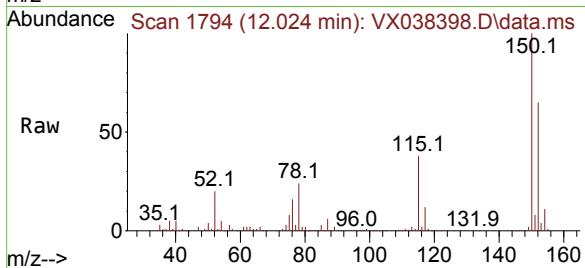




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038398.D
 Acq: 20 Oct 2023 13:34

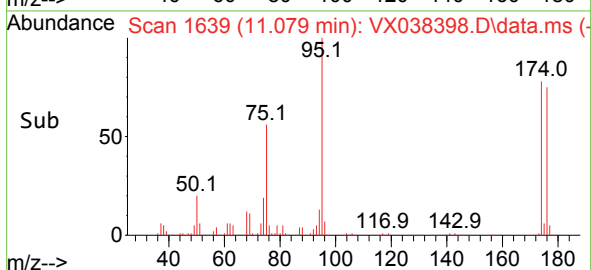
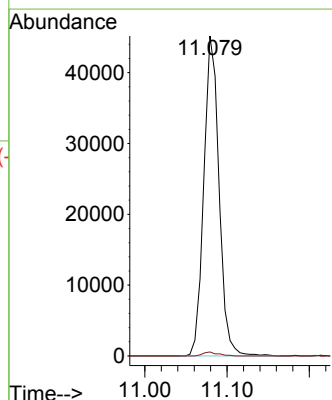
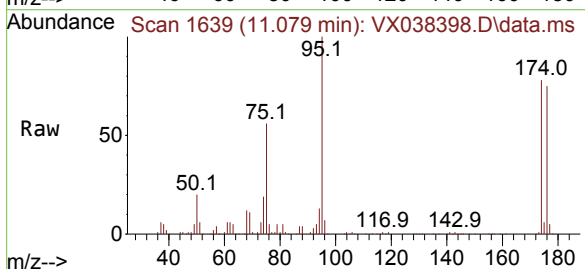
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

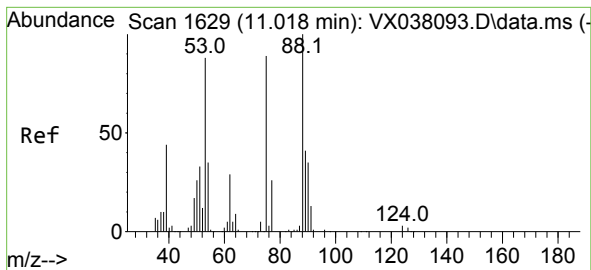
Tgt Ion:152 Resp: 118148
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.3 129.9
 150 157.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.645 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038398.D
 Acq: 20 Oct 2023 13:34

Tgt Ion: 75 Resp: 58138
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.138 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038398.D
 Acq: 20 Oct 2023 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 58138
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

