

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039847.D
 Acq On : 19 Jan 2024 18:15
 Operator : JC/MD
 Sample : P1196-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240118

Quant Time: Jan 20 00:30:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

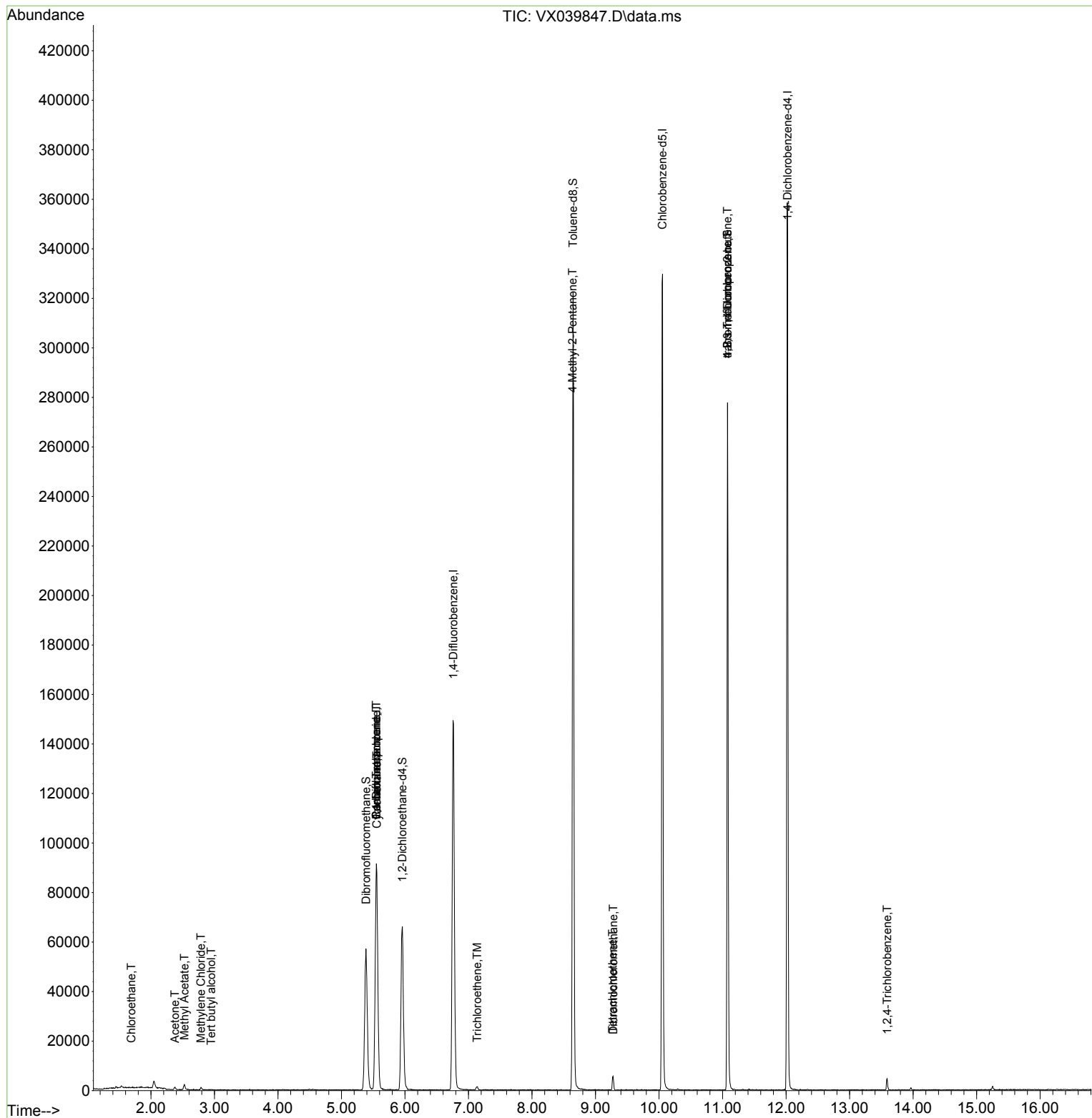
Internal Standards						
1) Pentafluorobenzene	5.550	168	80975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63052	46.483	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.960%		
35) Dibromofluoromethane	5.385	113	48023	47.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.960%		
50) Toluene-d8	8.647	98	182791	48.424	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.840%		
62) 4-Bromofluorobenzene	11.079	95	71289	48.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.580%		
Target Compounds						Qvalue
6) Chloroethane	1.691	64	193	0.301	ug/l #	43
11) Tert butyl alcohol	2.947	59	76	0.215	ug/l #	78
16) Acetone	2.380	43	1156	1.515	ug/l	96
18) Methyl Acetate	2.526	43	760	0.476	ug/l #	53
20) Methylene Chloride	2.788	84	422	0.366	ug/l #	67
31) Cyclohexane	5.556	56	2198	1.228	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	7530	4.834	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8726	6.116	ug/l #	16
44) Trichloroethene	7.135	130	623	0.576	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	973	0.463	ug/l #	1
60) Dibromochloromethane	9.281	129	1032	0.975	ug/l #	11
64) Tetrachloroethene	9.269	164	941	0.997	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	39324	21.746	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39324	63.190	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1225	0.855	ug/l	91

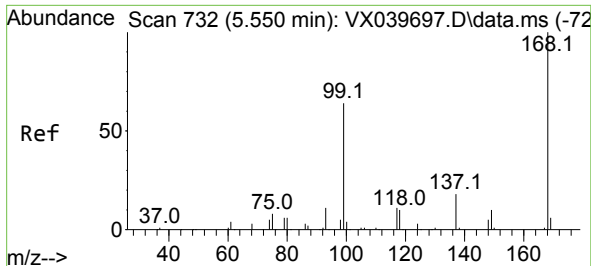
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
Data File : VX039847.D
Acq On : 19 Jan 2024 18:15
Operator : JC/MD
Sample : P1196-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

Quant Time: Jan 20 00:30:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

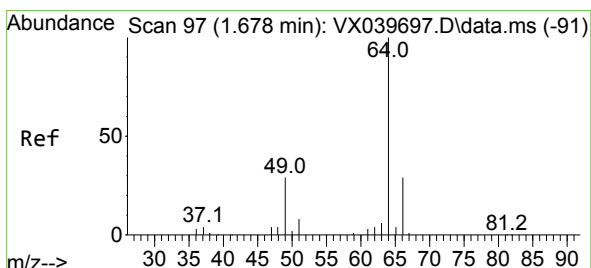
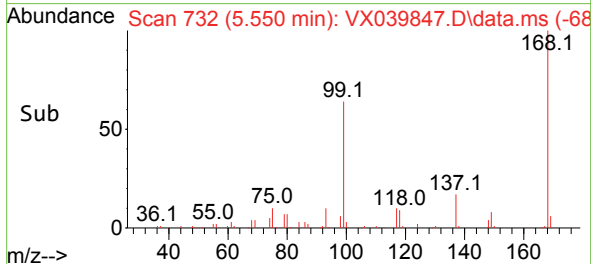
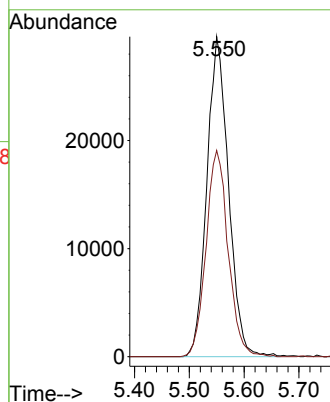
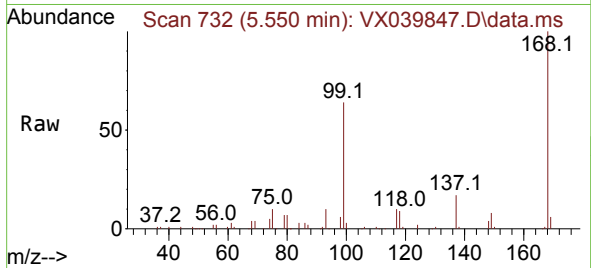




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

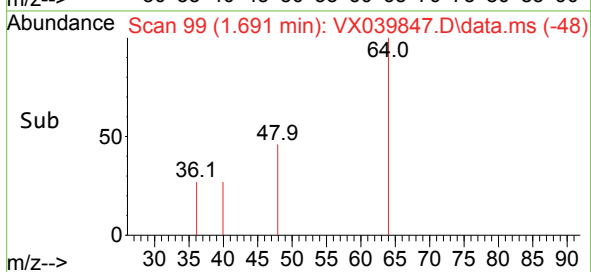
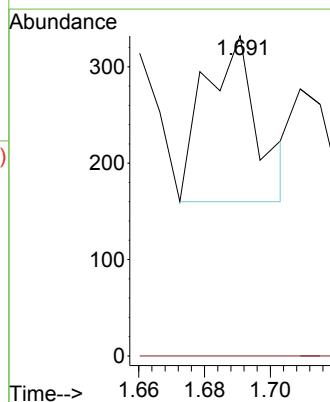
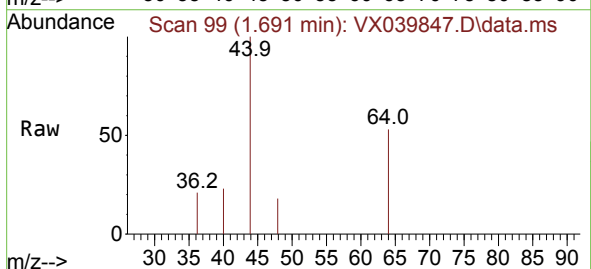
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

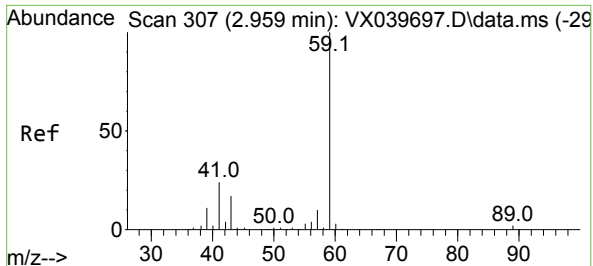
Tgt Ion:168 Resp: 80975
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0



#6
Chloroethane
Concen: 0.301 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

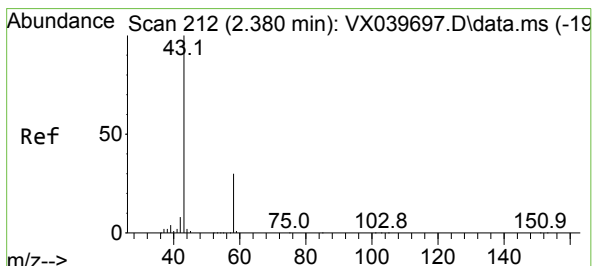
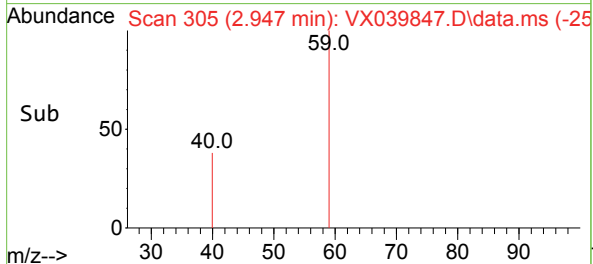
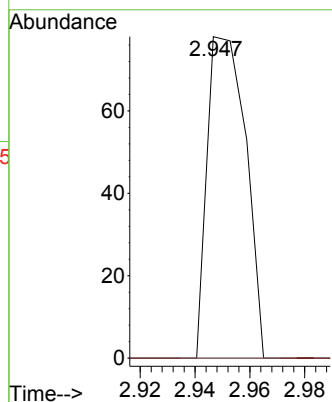
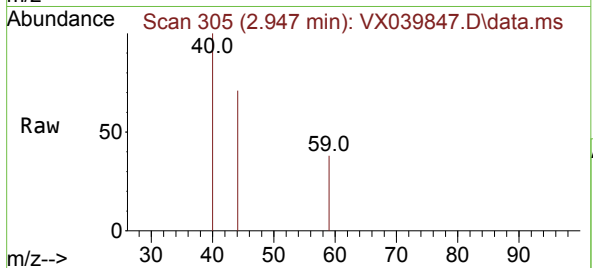




#11
Tert butyl alcohol
Concen: 0.215 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

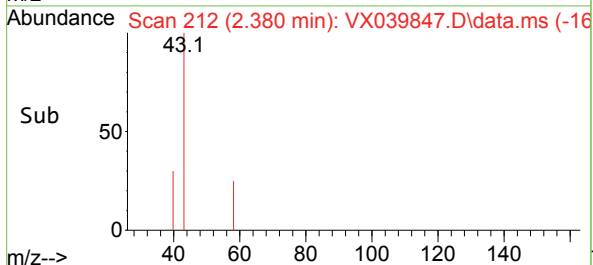
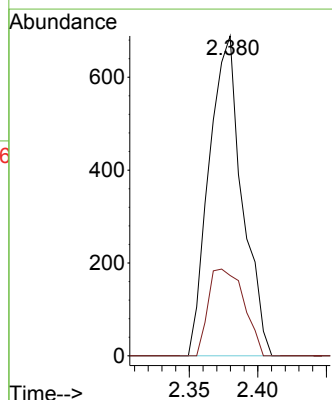
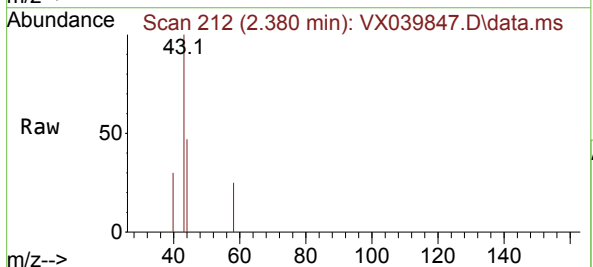
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

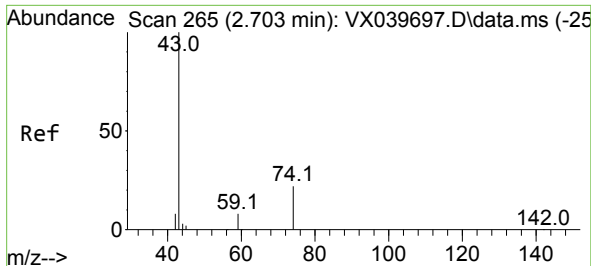
Tgt Ion: 59 Resp: 76
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.515 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
58 25.1 21.9 32.9





#18

Methyl Acetate

Concen: 0.476 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.177 min

Lab File: VX039847.D

Acq: 19 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

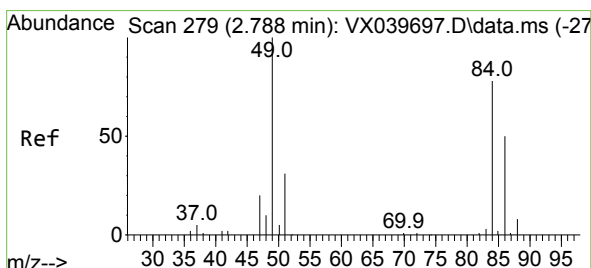
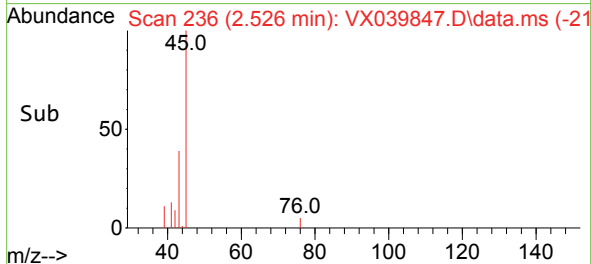
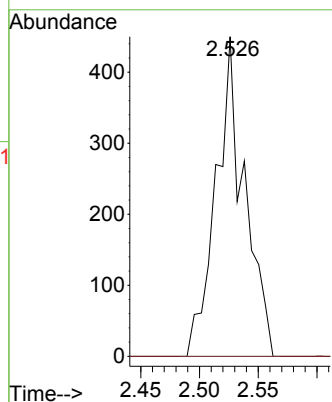
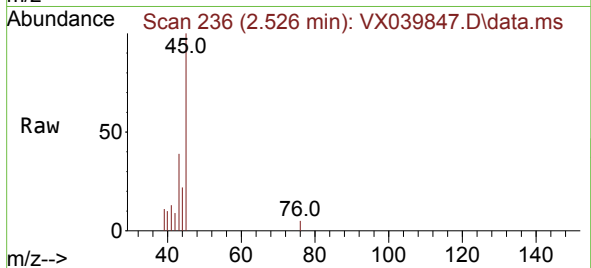
TB-20240118

Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 0.366 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039847.D

Acq: 19 Jan 2024 18:15

Tgt Ion: 84 Resp: 422

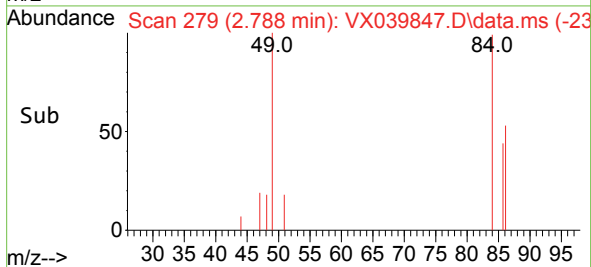
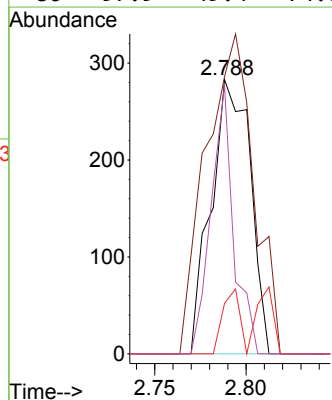
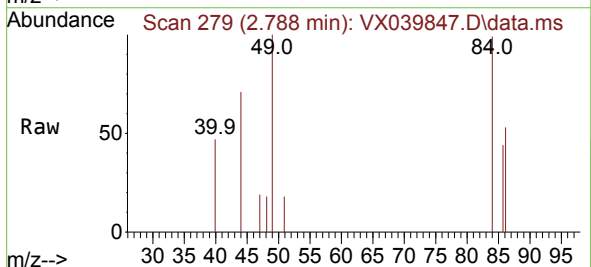
Ion Ratio Lower Upper

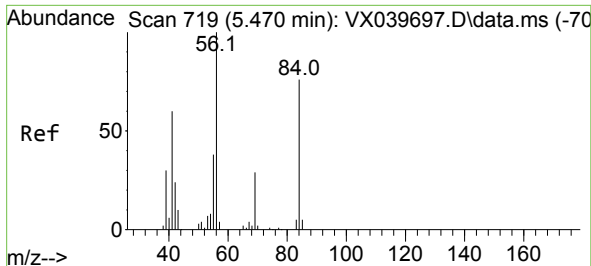
84 100

49 101.1 103.6 155.4#

51 18.4 33.8 50.6#

86 97.9 49.4 74.0#

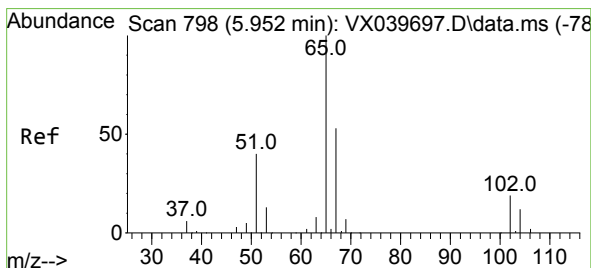
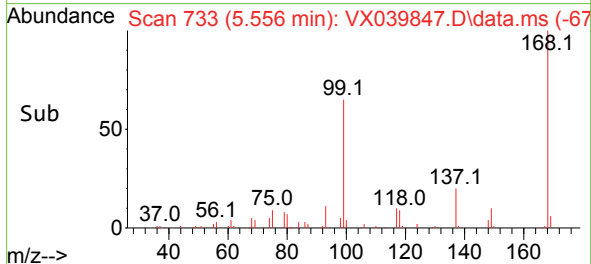
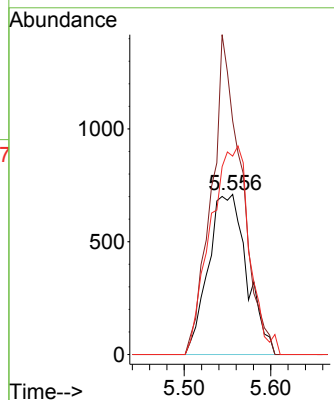
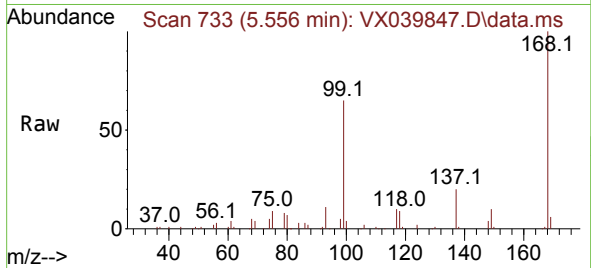




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

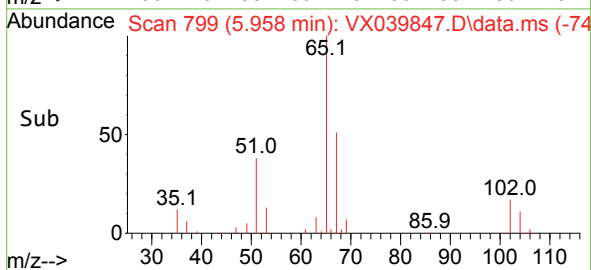
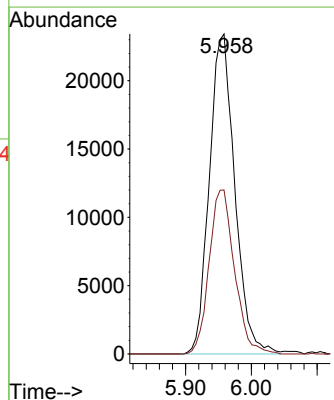
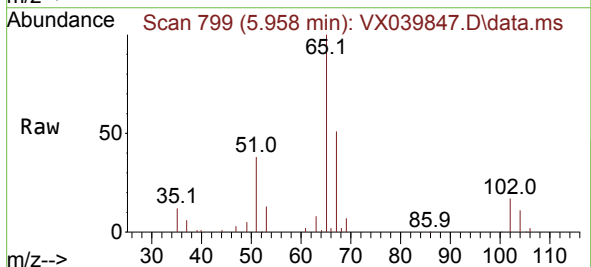
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

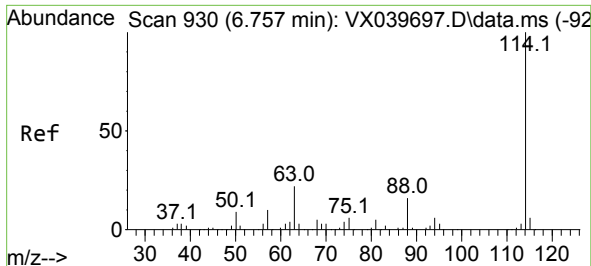
Tgt Ion: 56 Resp: 2198
Ion Ratio Lower Upper
56 100
69 145.9 23.4 35.2#
84 123.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.483 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 65 Resp: 63052
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

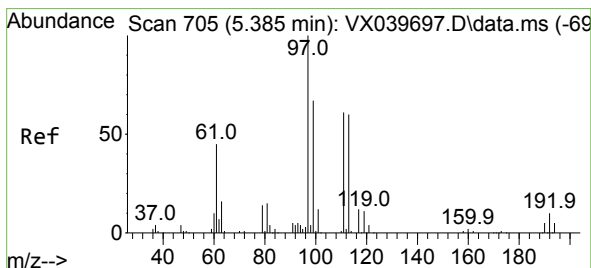
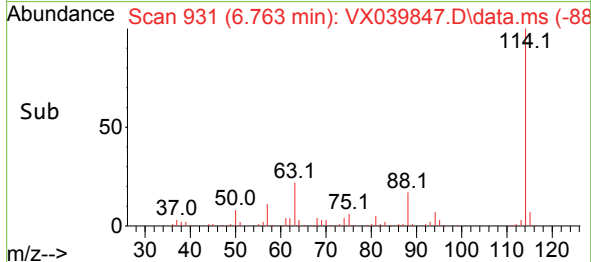
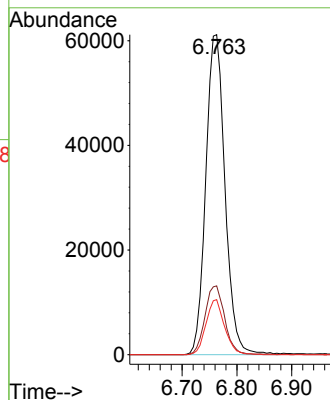
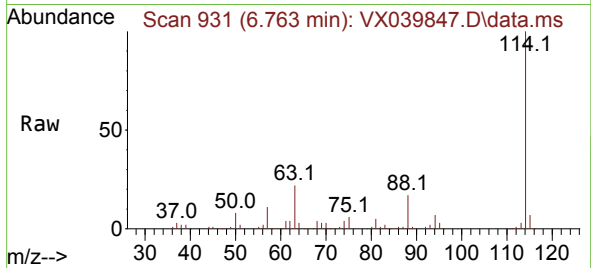




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

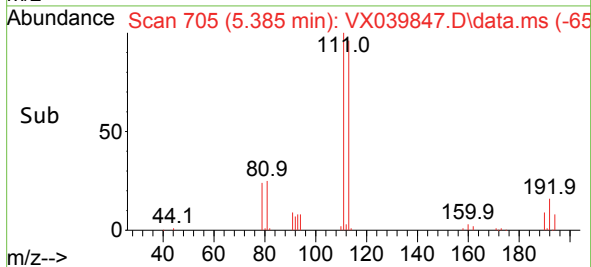
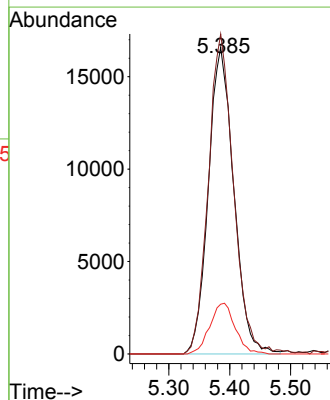
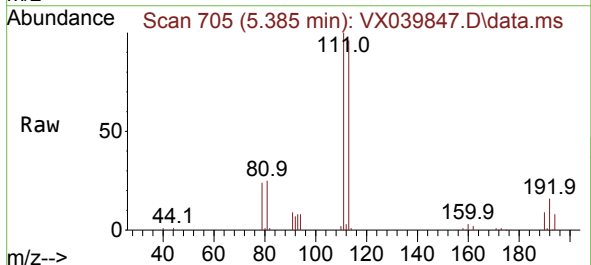
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

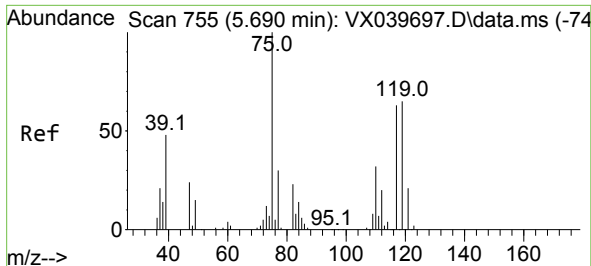
Tgt Ion:114 Resp: 148595
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.982 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion:113 Resp: 48023
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.5 13.3 19.9

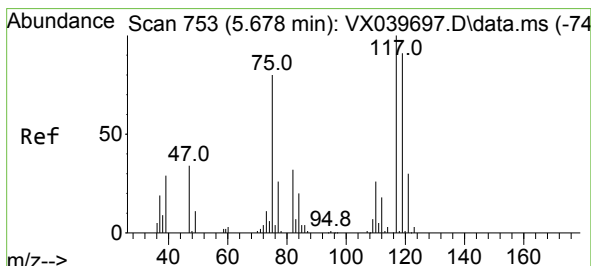
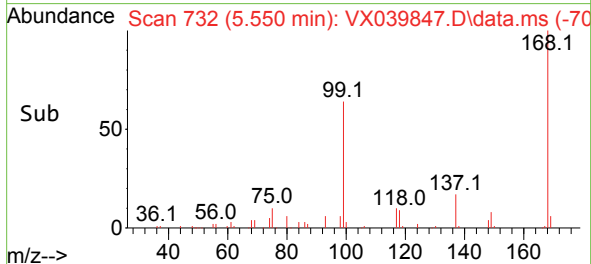
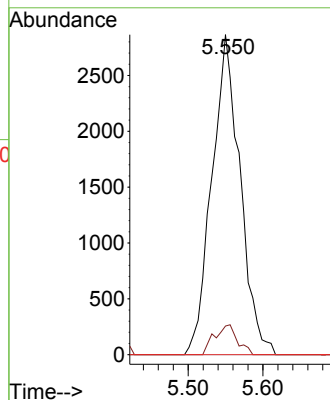
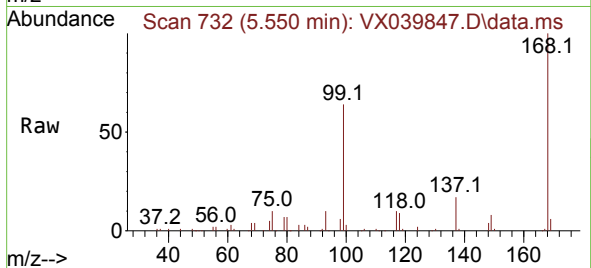




#36
1,1-Dichloropropene
Concen: 4.834 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

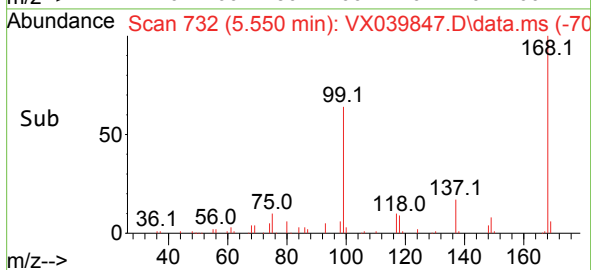
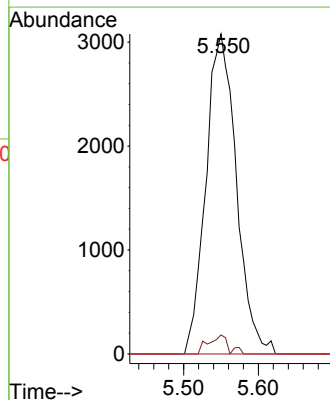
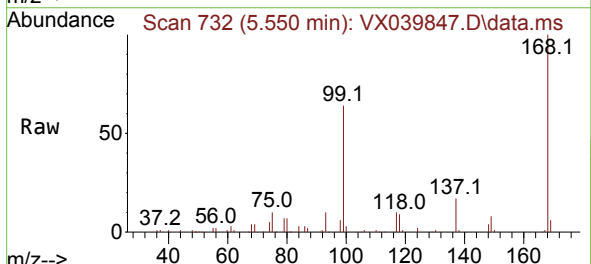
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

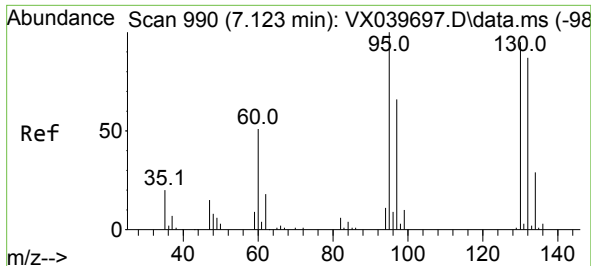
Tgt Ion: 75 Resp: 7530
Ion Ratio Lower Upper
75 100
110 7.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 117 Resp: 8726
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

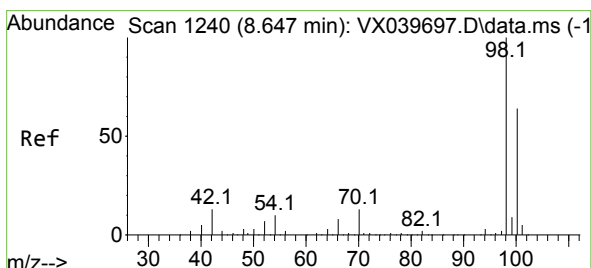
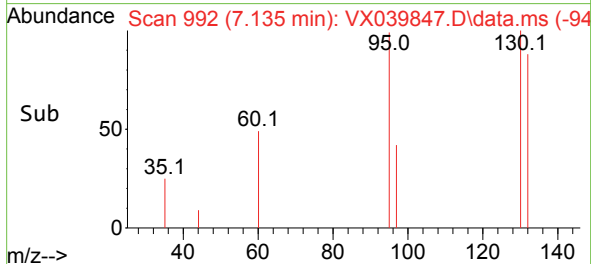
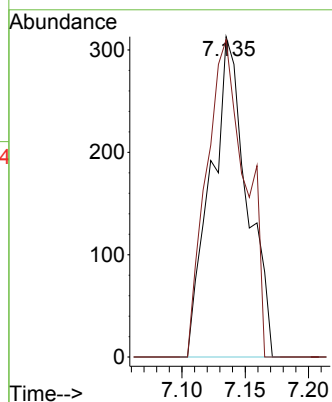
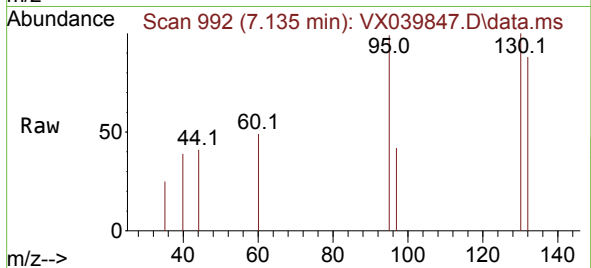




#44
Trichloroethene
Concen: 0.576 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

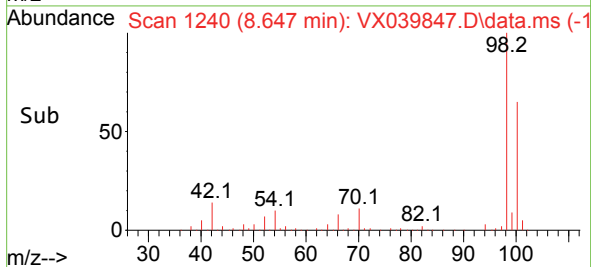
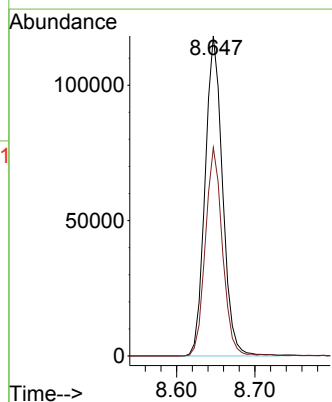
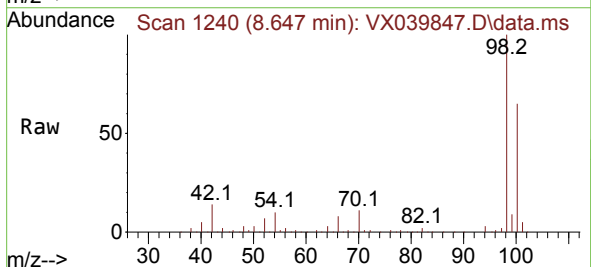
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

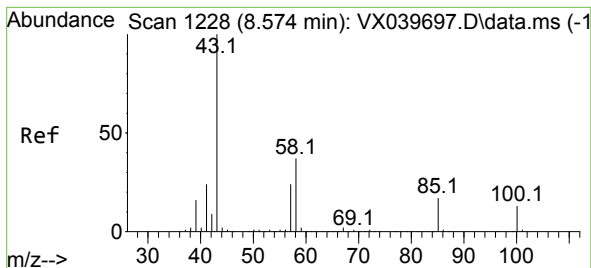
Tgt Ion:130 Resp: 623
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.4



#50
Toluene-d8
Concen: 48.424 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 98 Resp: 182791
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX039847.D

Acq: 19 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

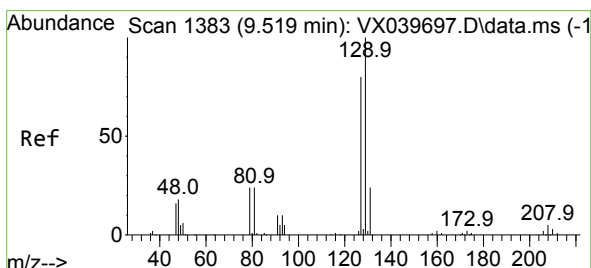
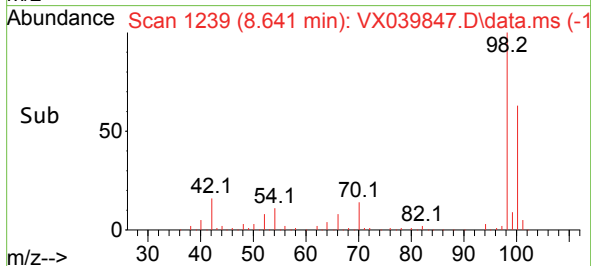
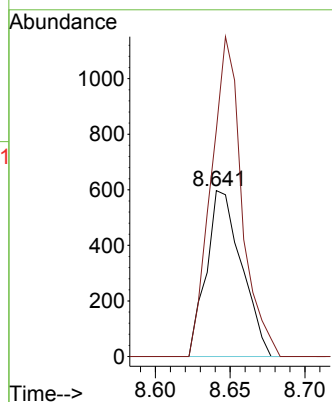
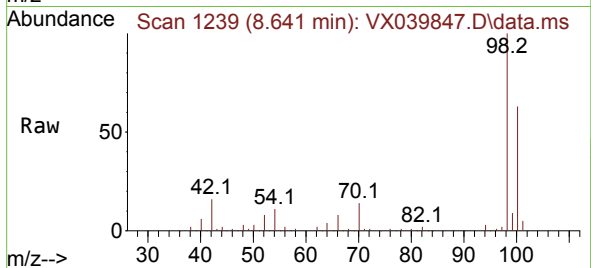
TB-20240118

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 169.6 30.4 45.6#



#60

Dibromochloromethane

Concen: 0.975 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.238 min

Lab File: VX039847.D

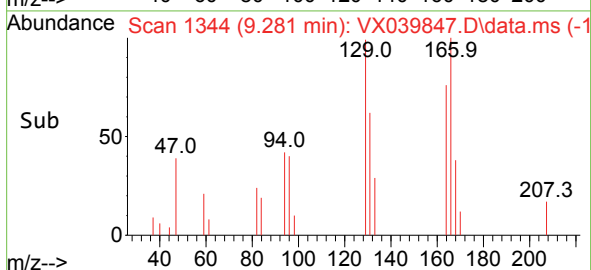
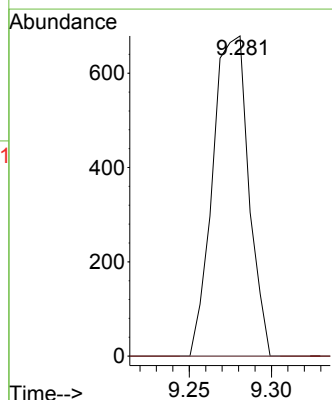
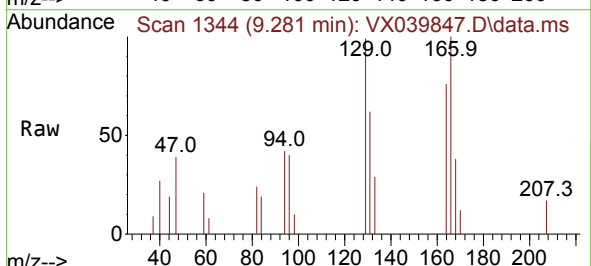
Acq: 19 Jan 2024 18:15

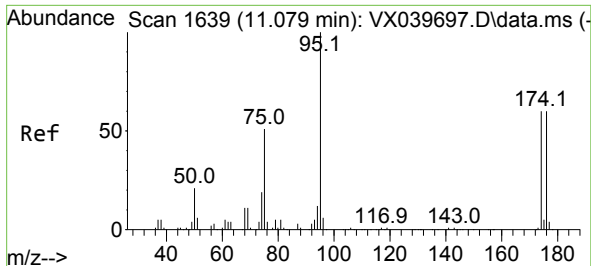
Tgt Ion: 129 Resp: 1032

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

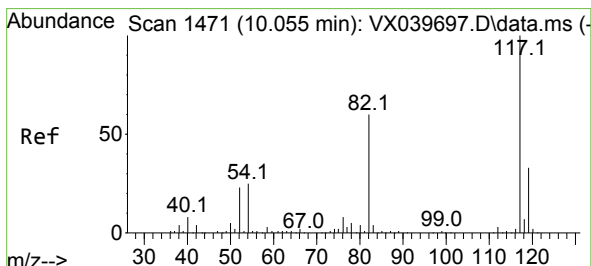
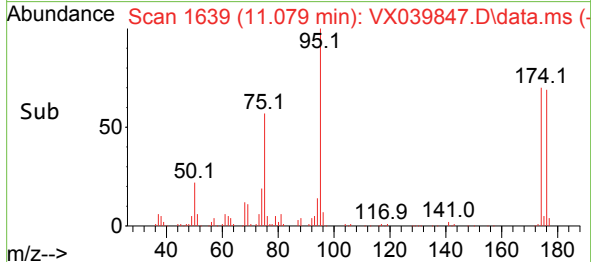
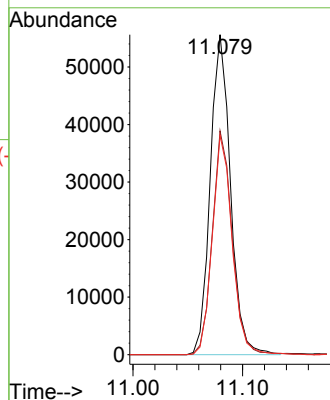
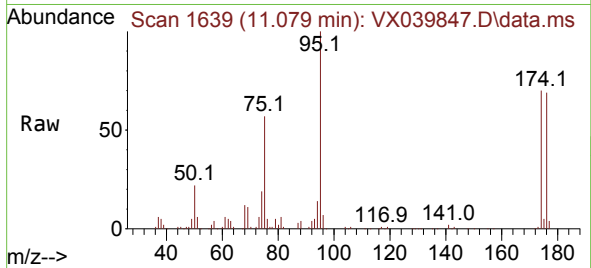




#62
4-Bromofluorobenzene
Concen: 48.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

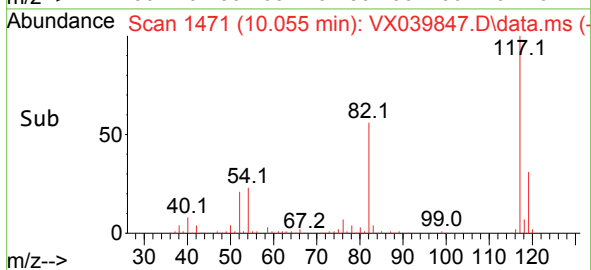
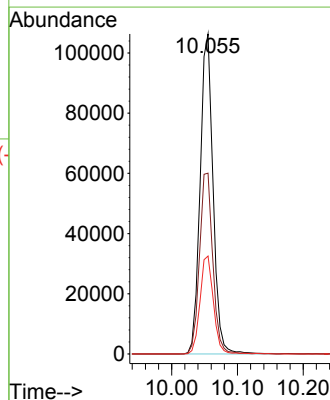
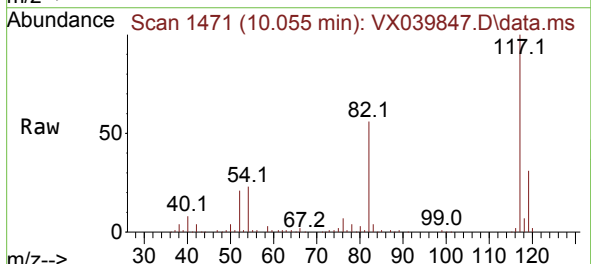
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

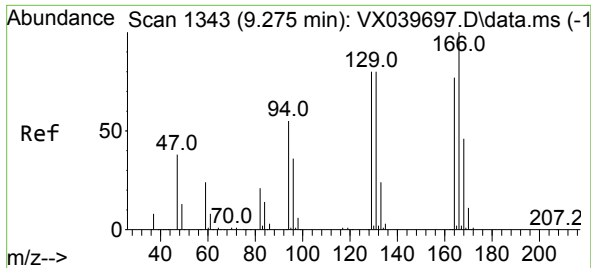
Tgt Ion: 95 Resp: 71289
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 67.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039847.D
Acq: 19 Jan 2024 18:15

Tgt Ion: 117 Resp: 145101
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 30.6 25.5 38.3



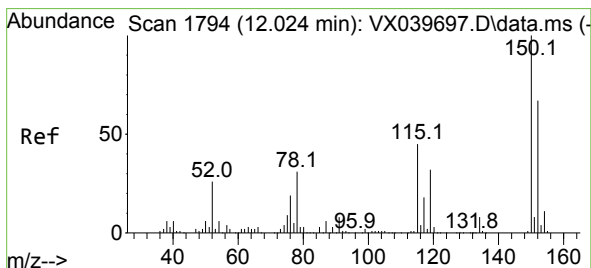
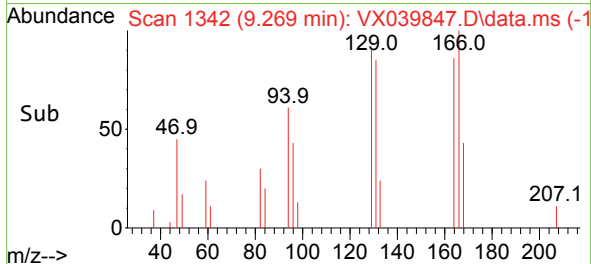
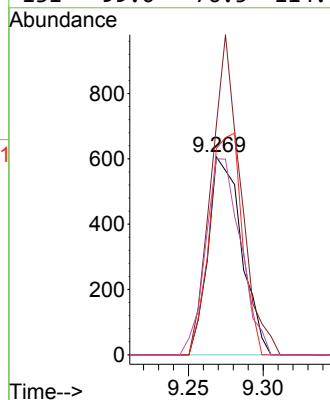
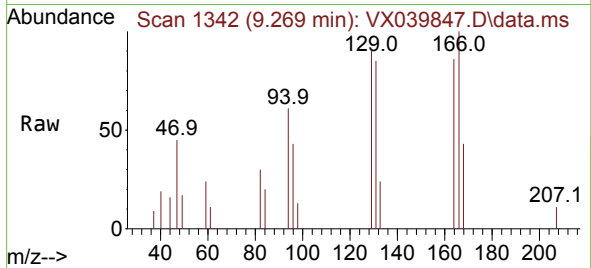


#64
 Tetrachloroethene
 Concen: 0.997 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039847.D
 Acq: 19 Jan 2024 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240118

Tgt Ion:164 Resp: 941

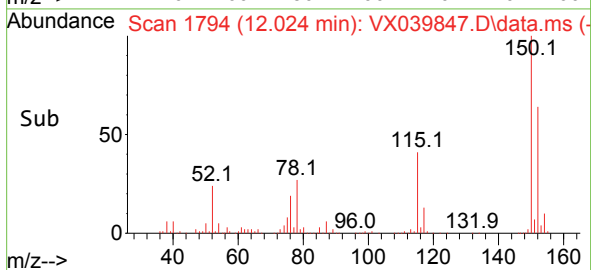
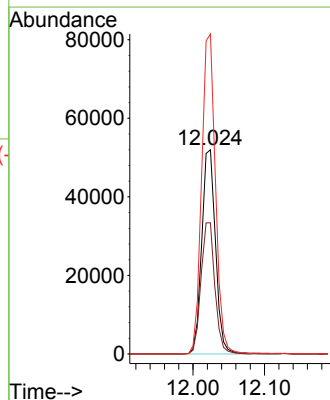
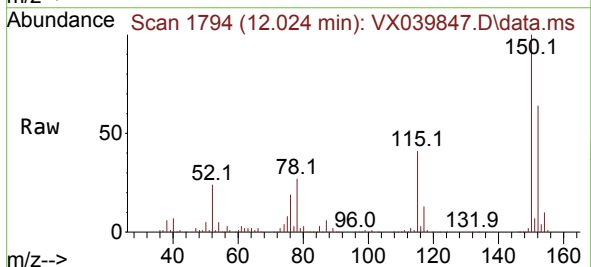
Ion	Ratio	Lower	Upper
164	100		
166	116.0	102.7	154.1
129	104.3	80.4	120.6
131	99.0	76.5	114.7

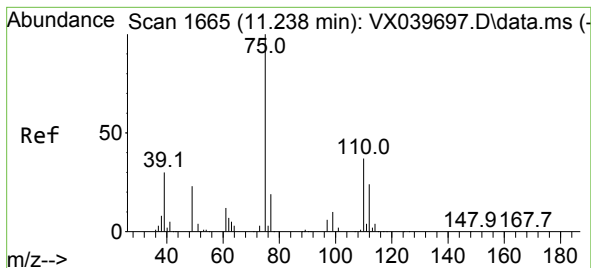


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX039847.D
 Acq: 19 Jan 2024 18:15

Tgt Ion:152 Resp: 69749

Ion	Ratio	Lower	Upper
152	100		
115	64.6	43.3	129.9
150	157.0	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 21.746 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039847.D

Acq: 19 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

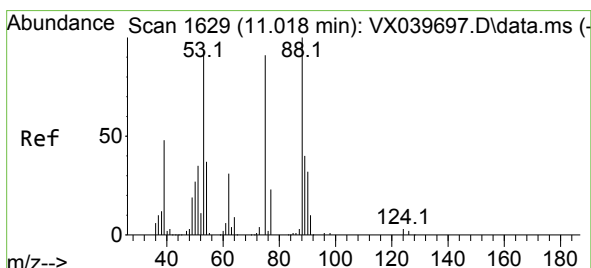
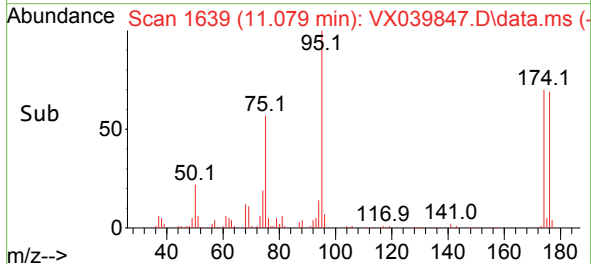
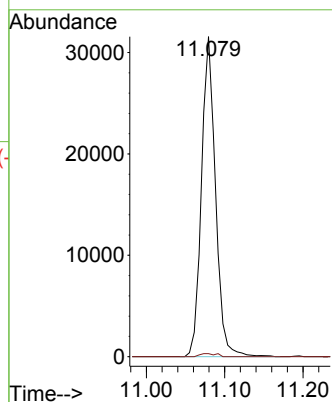
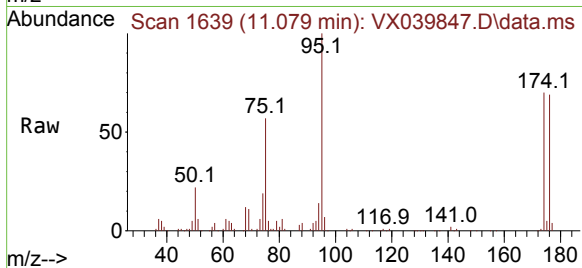
TB-20240118

Tgt Ion: 75 Resp: 39324

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039847.D

Acq: 19 Jan 2024 18:15

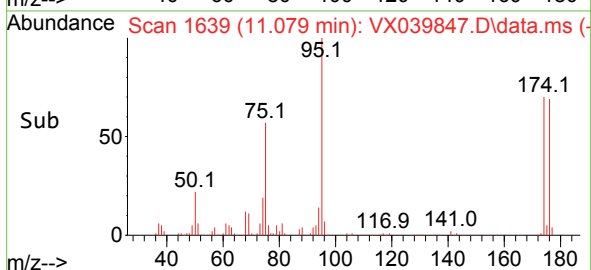
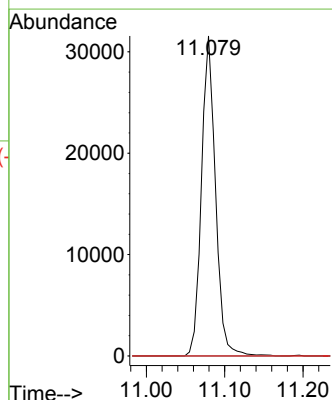
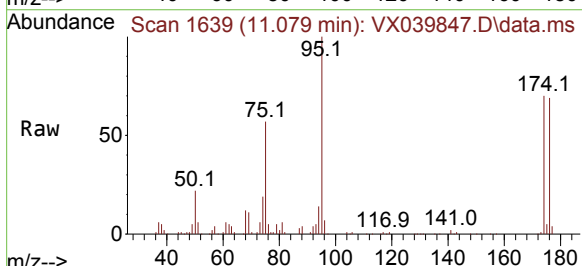
Tgt Ion: 75 Resp: 39324

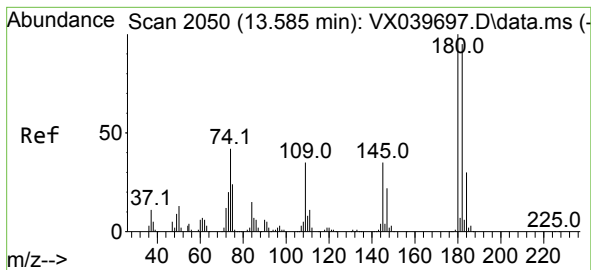
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.855 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX039847.D

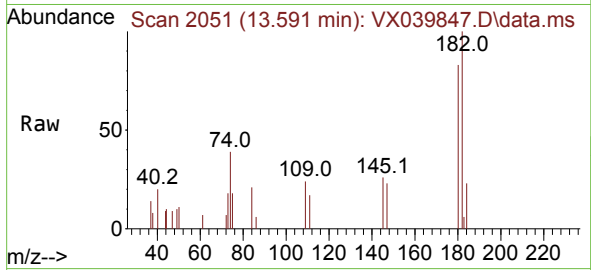
Acq: 19 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

TB-20240118



Tgt Ion:180 Resp: 1225

Ion Ratio Lower Upper

180 100

182 108.1 48.3 144.8

145 35.3 18.0 54.0

