

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039881.D
 Acq On : 22 Jan 2024 14:14
 Operator : JC/MD
 Sample : P1196-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240118

Quant Time: Jan 23 00:16:53 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)

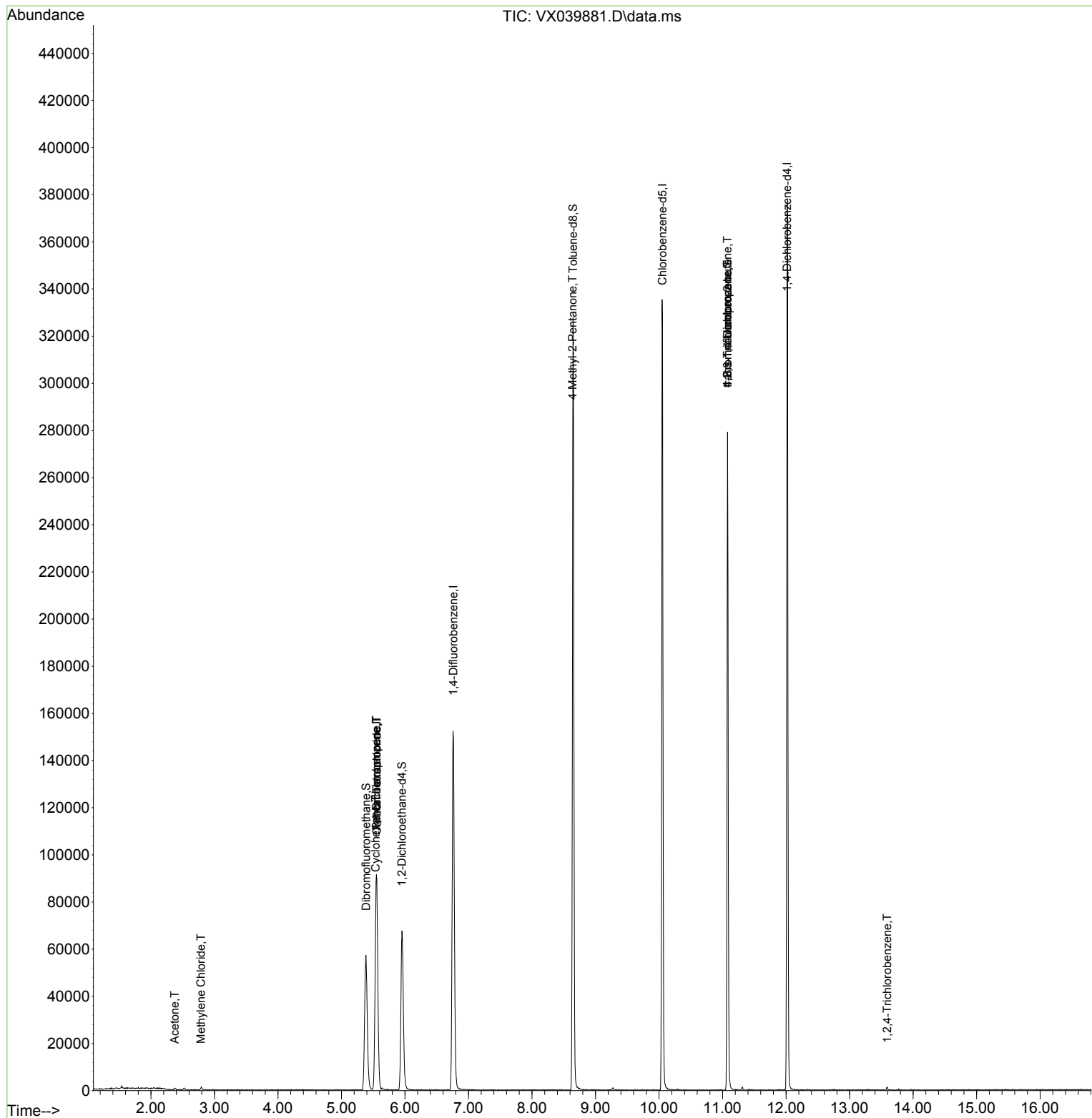
Internal Standards						
1) Pentafluorobenzene	5.550	168	81785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64979	47.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	49361	48.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.500%
50) Toluene-d8	8.647	98	188106	49.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	72892	48.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	828	1.075	ug/l	99
20) Methylene Chloride	2.788	84	462	0.396	ug/l #	86
31) Cyclohexane	5.538	56	2173	1.202	ug/l #	52
36) 1,1-Dichloropropene	5.550	75	7330	4.651	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9270	6.422	ug/l #	11
51) 4-Methyl-2-Pentanone	8.641	43	929	0.437	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40639	22.796	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40639	65.893	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	491	0.348	ug/l #	81

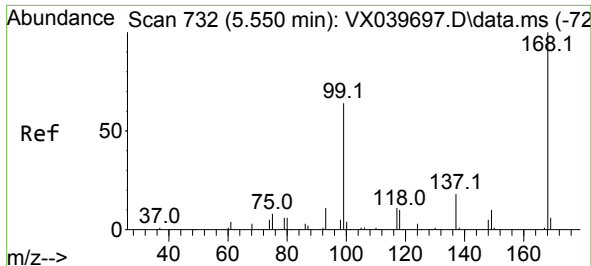
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 23 00:16:53 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

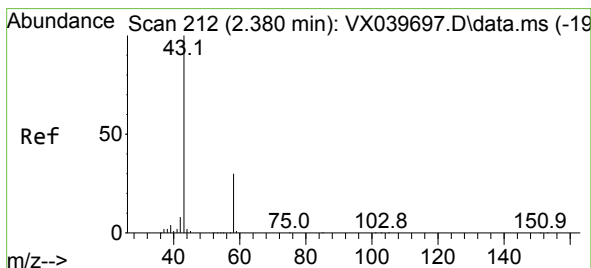
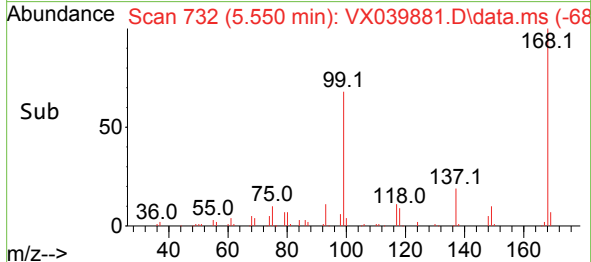
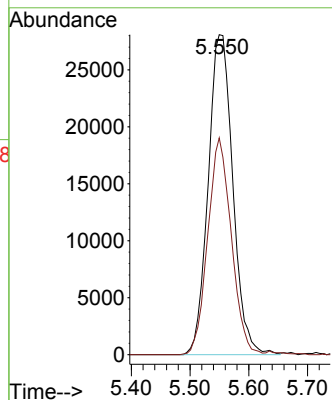
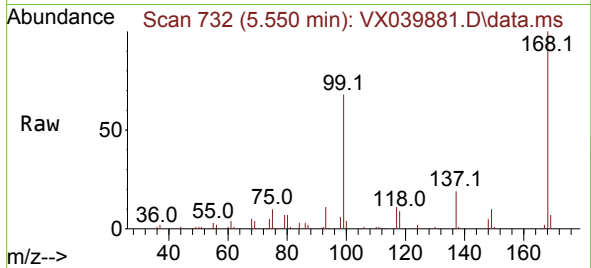




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

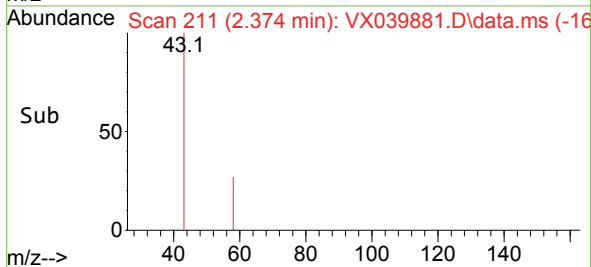
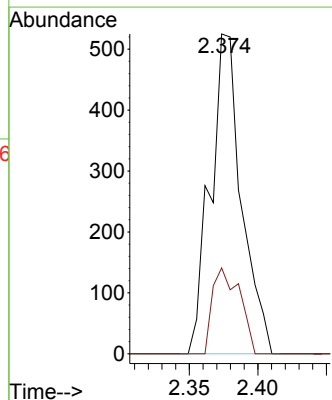
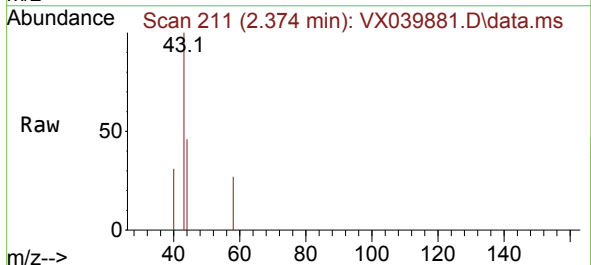
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

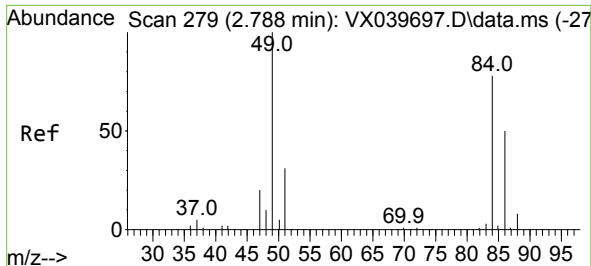
Tgt Ion:168 Resp: 81785
Ion Ratio Lower Upper
168 100
99 67.7 56.6 85.0



#16
Acetone
Concen: 1.075 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

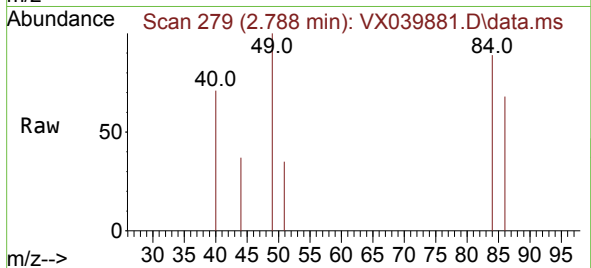
Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9



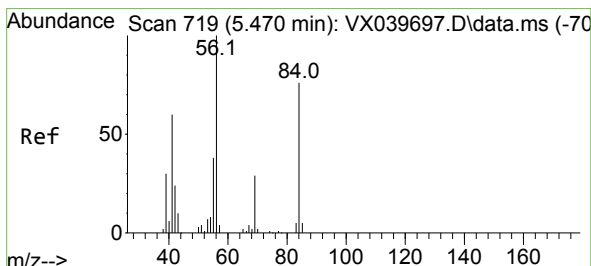
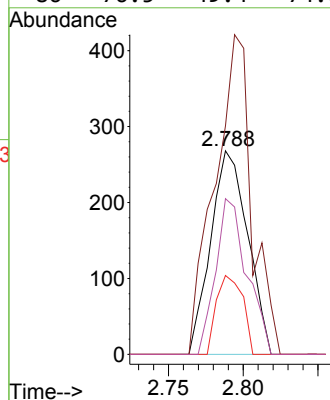
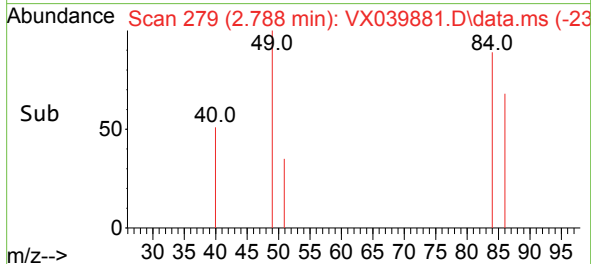


#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

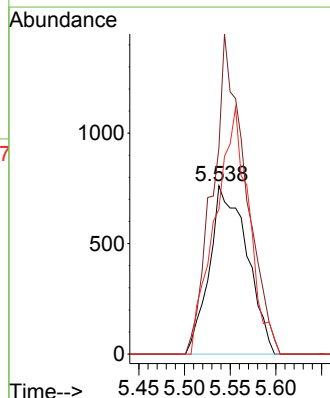
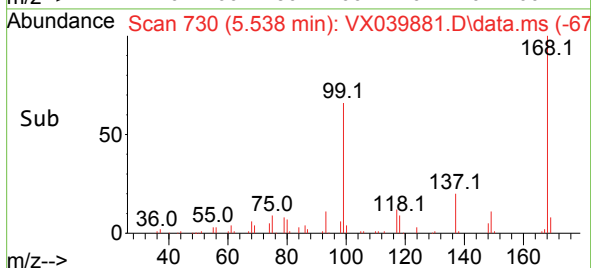
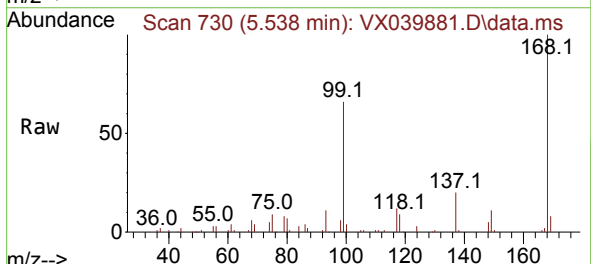


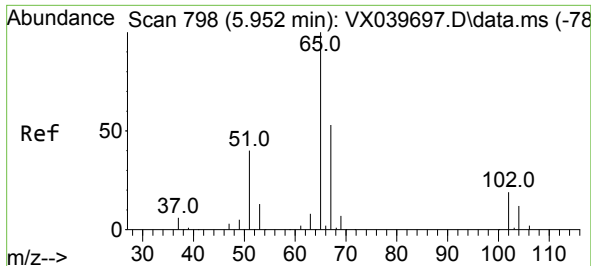
Tgt Ion:	84	Resp:	462
Ion	Ratio	Lower	Upper
84	100		
49	112.3	103.6	155.4
51	38.8	33.8	50.6
86	76.5	49.4	74.0#



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Tgt Ion:	56	Resp:	2173
Ion	Ratio	Lower	Upper
56	100		
69	122.4	23.4	35.2#
84	86.0	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 47.429 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039881.D

Acq: 22 Jan 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

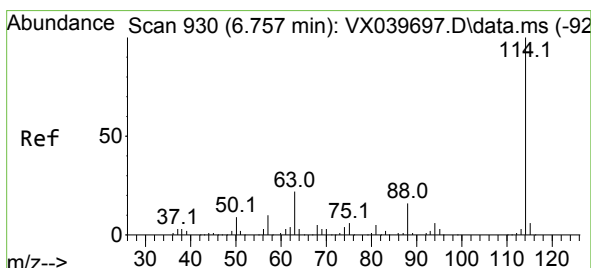
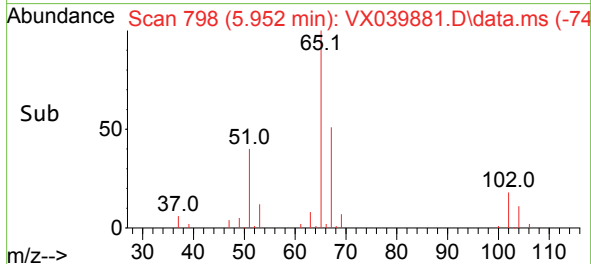
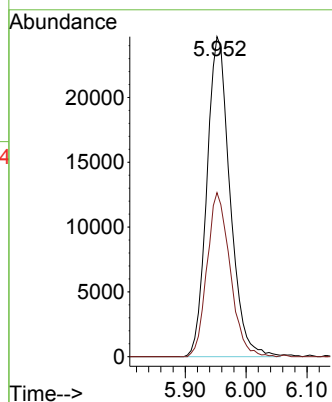
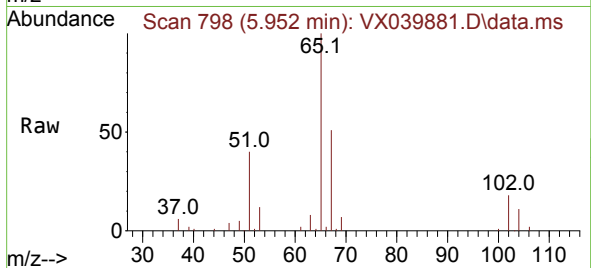
TB-20240118

Tgt Ion: 65 Resp: 64979

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039881.D

Acq: 22 Jan 2024 14:14

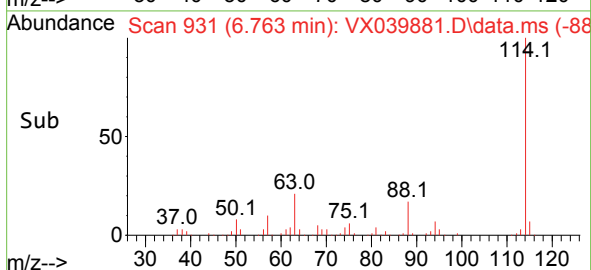
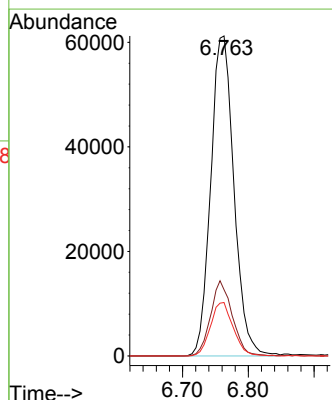
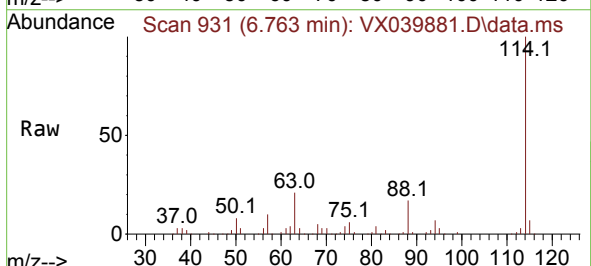
Tgt Ion: 114 Resp: 150326

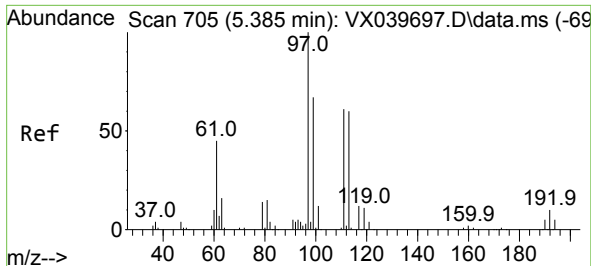
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.7 0.0 36.6

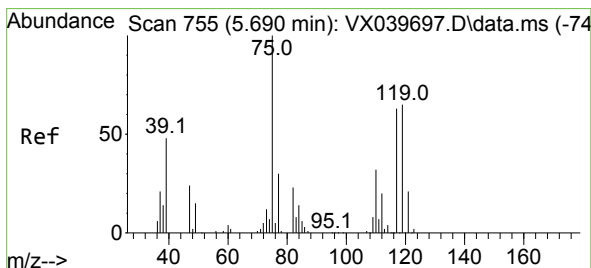
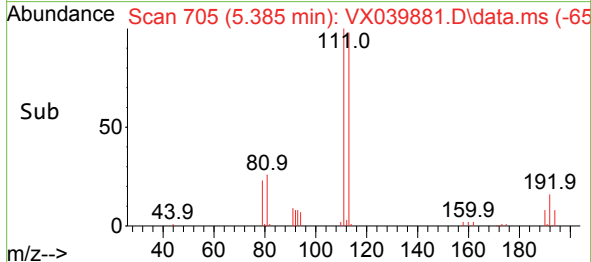
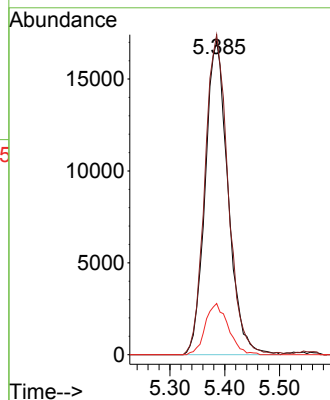
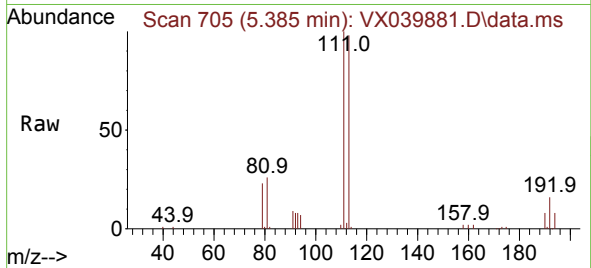




#35
Dibromofluoromethane
Concen: 48.751 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

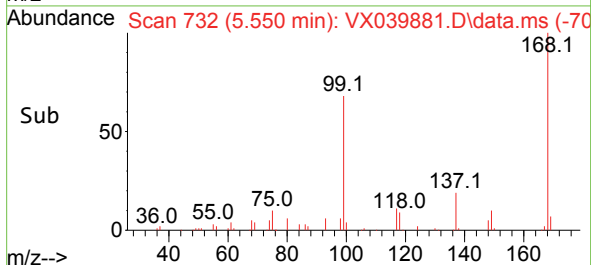
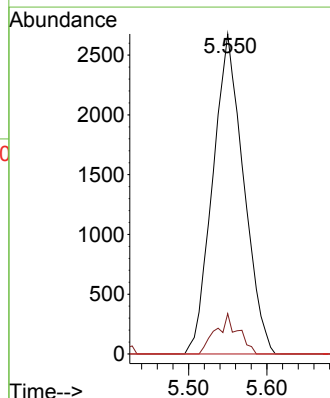
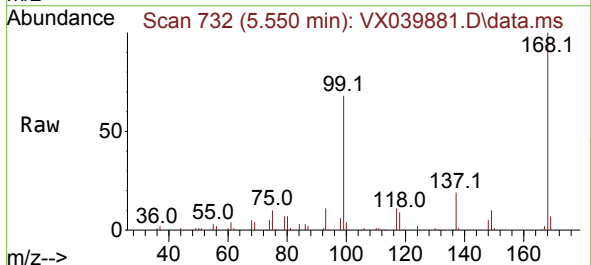
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

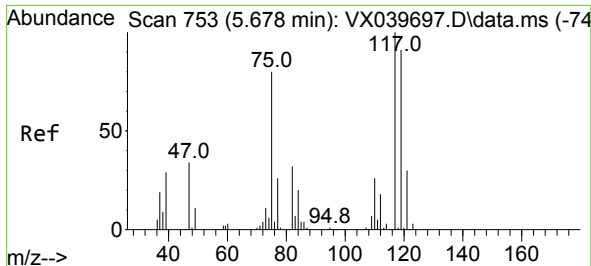
Tgt Ion:113 Resp: 49361
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

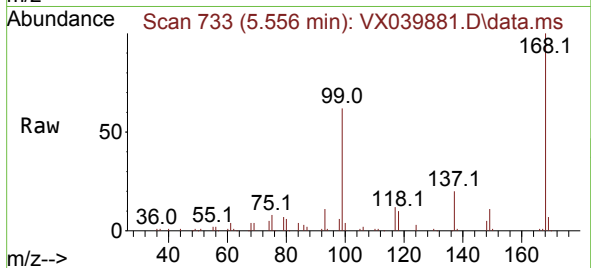
Tgt Ion: 75 Resp: 7330
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



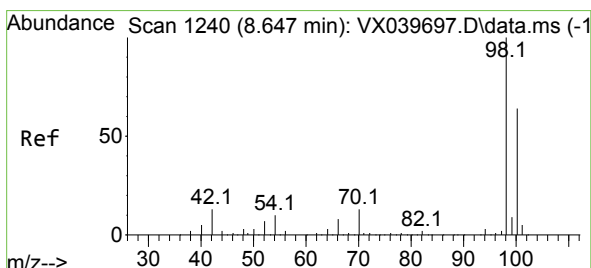
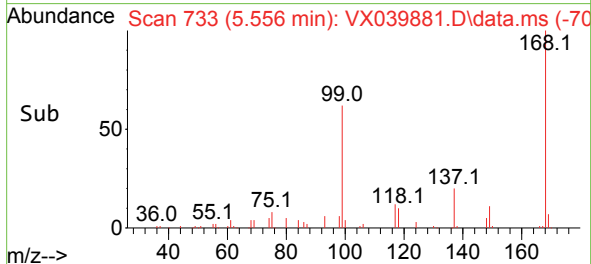
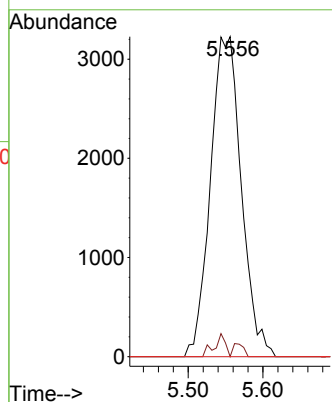


#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

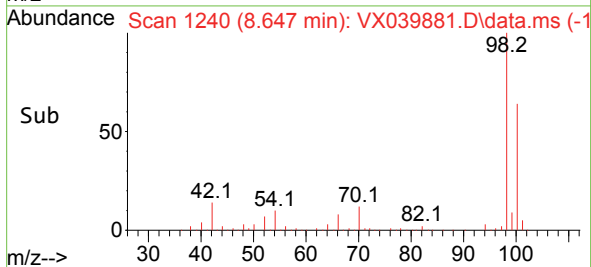
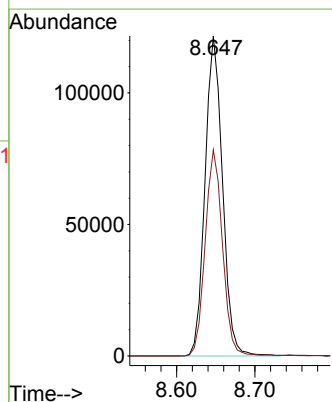
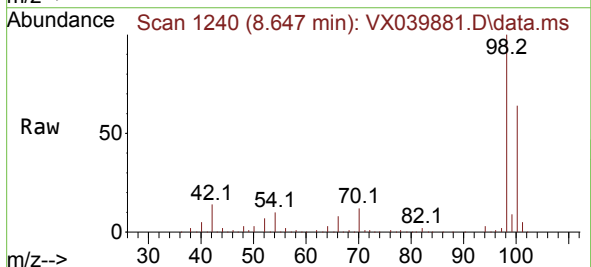


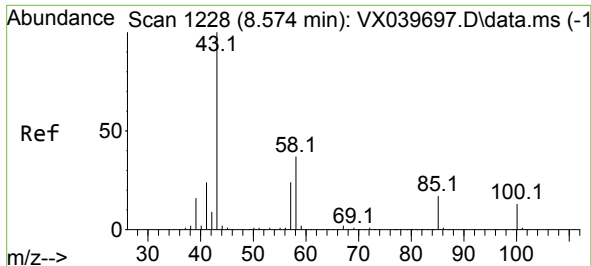
Tgt Ion:117 Resp: 9270
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.259 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Tgt Ion: 98 Resp: 188106
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

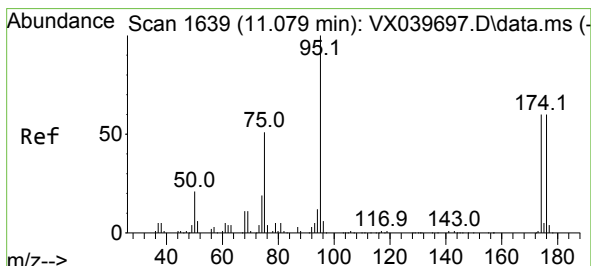
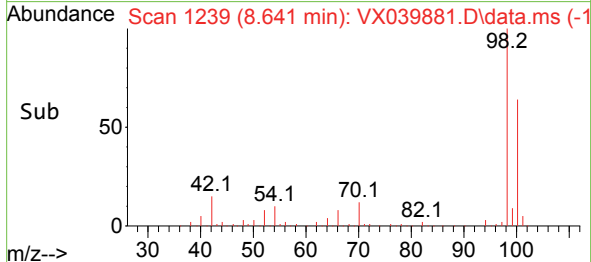
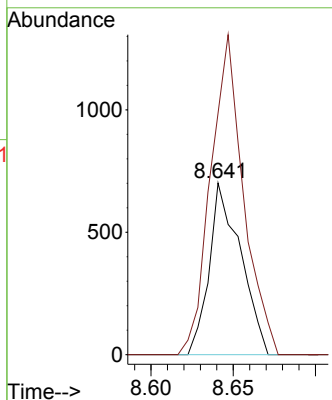
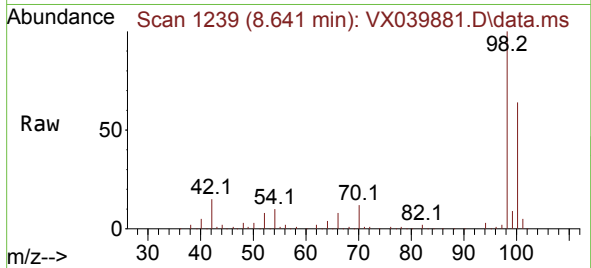




#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

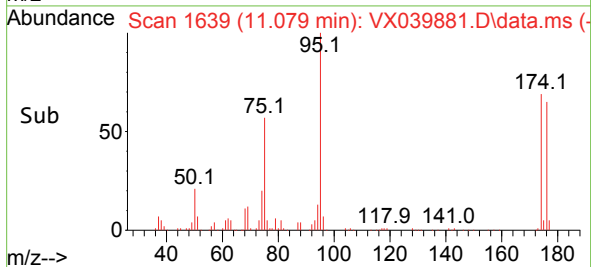
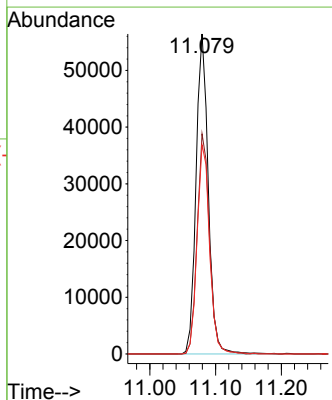
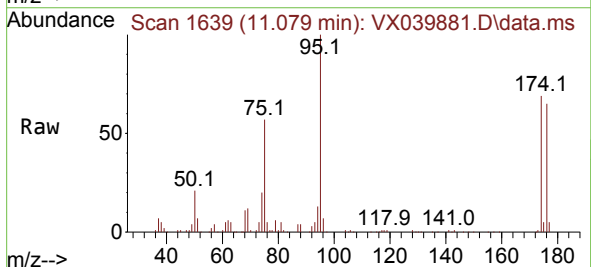
Instrument :
MSVOA_X
ClientSampleId :
TB-20240118

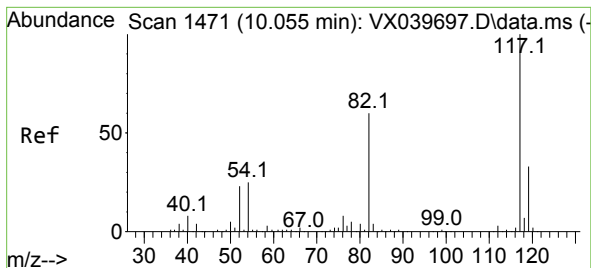
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 195.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039881.D
Acq: 22 Jan 2024 14:14

Tgt Ion: 95 Resp: 72892
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.6
176 66.9 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: VX039881.D

Acq: 22 Jan 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

TB-20240118

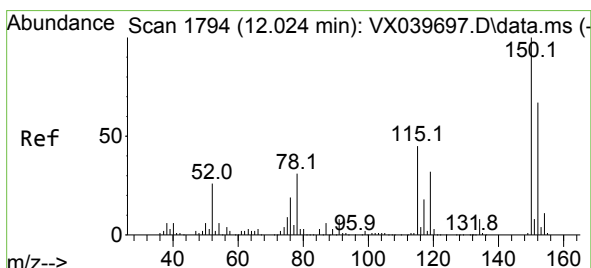
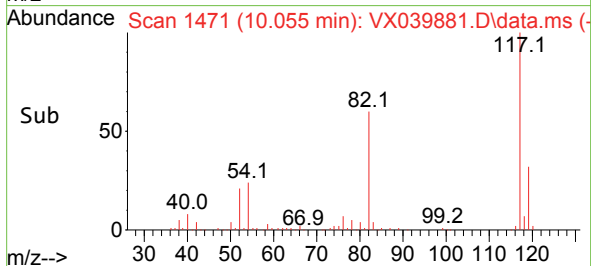
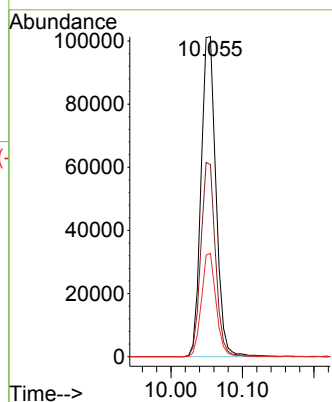
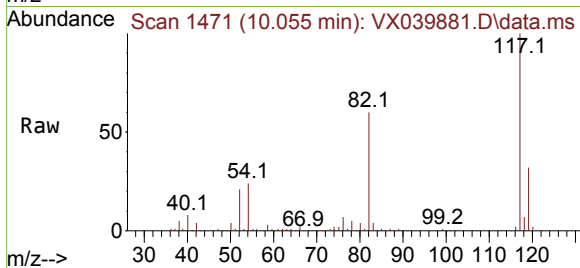
Tgt Ion:117 Resp: 146485

Ion Ratio Lower Upper

117 100

82 60.0 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039881.D

Acq: 22 Jan 2024 14:14

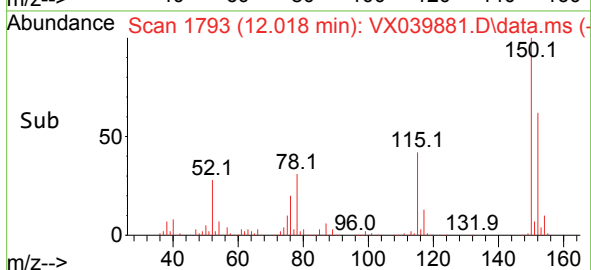
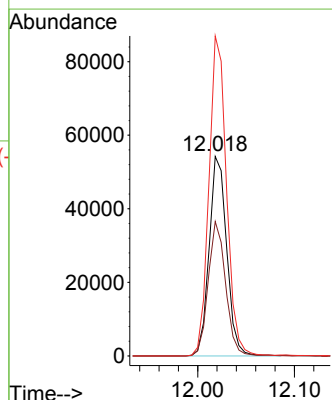
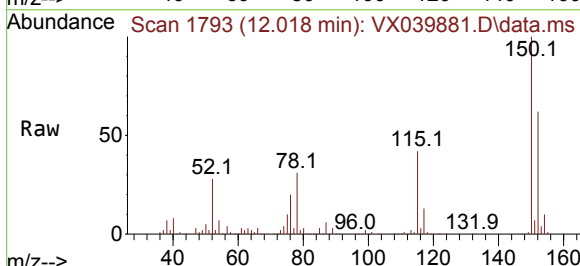
Tgt Ion:152 Resp: 68763

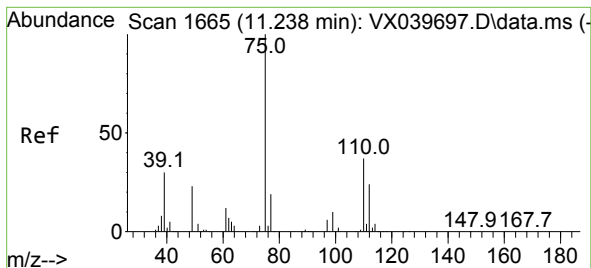
Ion Ratio Lower Upper

152 100

115 66.7 43.3 129.9

150 159.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.796 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039881.D

Acq: 22 Jan 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

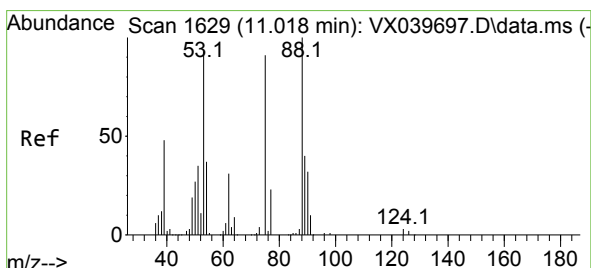
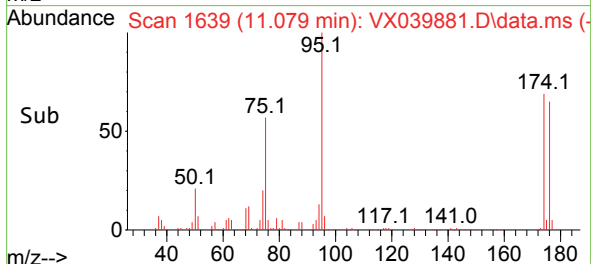
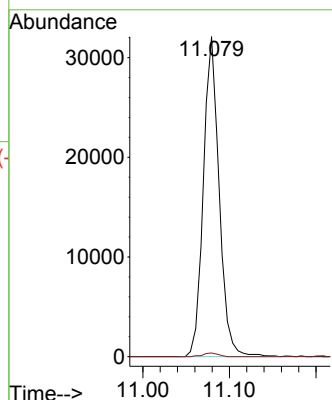
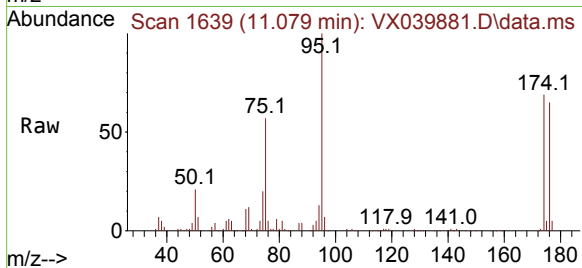
TB-20240118

Tgt Ion: 75 Resp: 40639

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.893 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039881.D

Acq: 22 Jan 2024 14:14

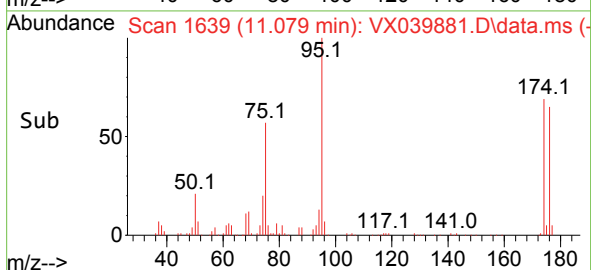
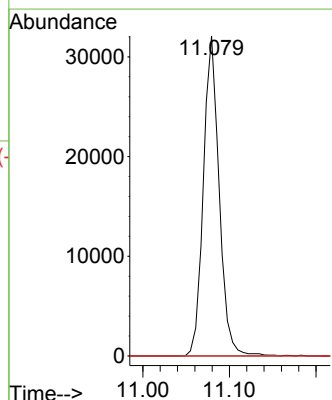
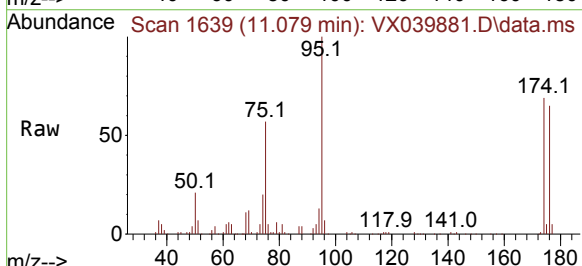
Tgt Ion: 75 Resp: 40639

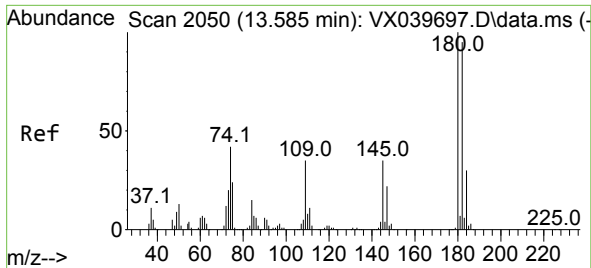
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.348 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX039881.D

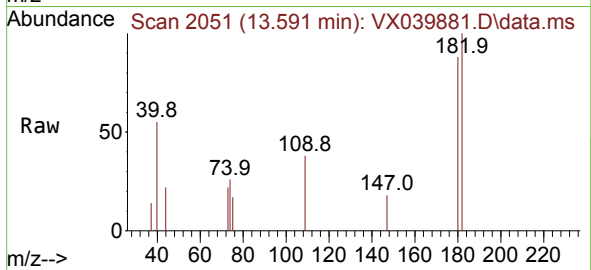
Acq: 22 Jan 2024 14:14

Instrument :

MSVOA_X

ClientSampleId :

TB-20240118



Tgt Ion:180 Resp: 491

Ion Ratio Lower Upper

180 100

182 99.4 48.3 144.8

145 0.0 18.0 54.0#

