

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040381.D
 Acq On : 21 Feb 2024 15:05
 Operator : JC/MD
 Sample : P1532-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20240216

Quant Time: Feb 22 01:09:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

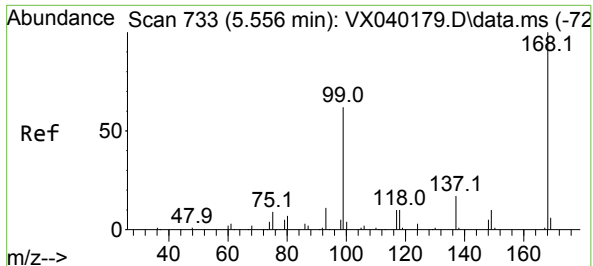
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	69308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56582	54.875	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.760%
35) Dibromofluoromethane	5.385	113	42916	48.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	159222	48.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	63349	47.091	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.180%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	882	2.083	ug/l	90
18) Methyl Acetate	2.532	43	237	0.209	ug/l #	53
20) Methylene Chloride	2.782	84	273	Below Cal	#	73
31) Cyclohexane	5.550	56	1816	1.477	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	6358	5.147	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7635	6.501	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	821	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34918	27.918	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34918	76.381	ug/l #	5

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

Quant Time: Feb 22 01:09:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

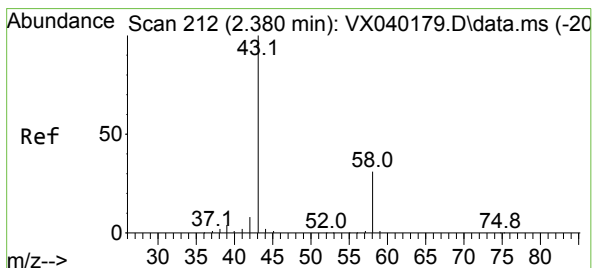
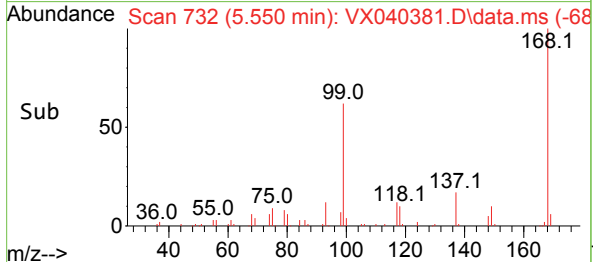
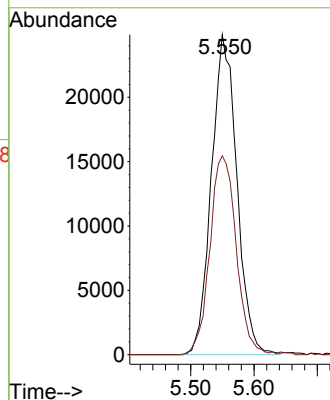
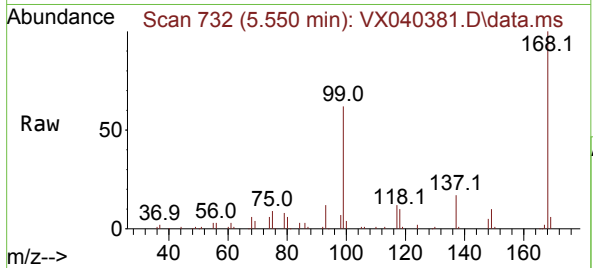




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

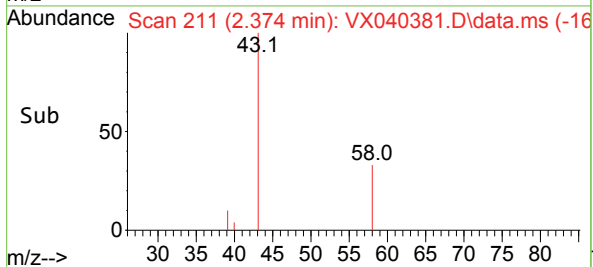
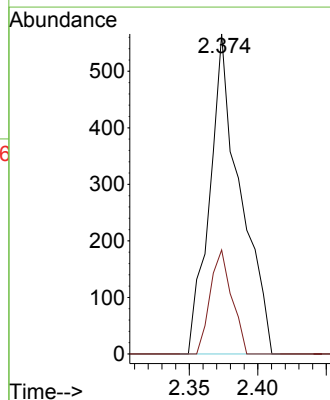
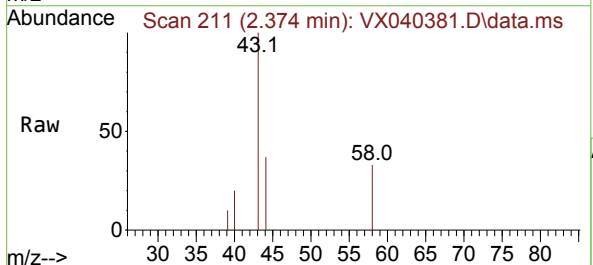
Instrument :
MSVOA_X
ClientSampleId :
TB03-20240216

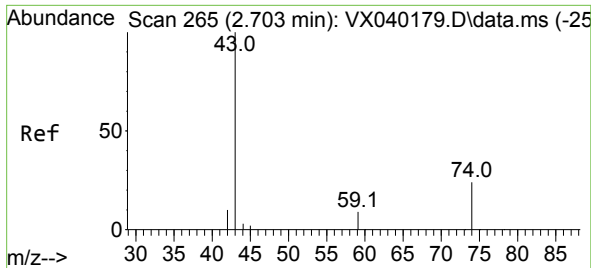
Tgt Ion:168 Resp: 69308
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: 2.083 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9

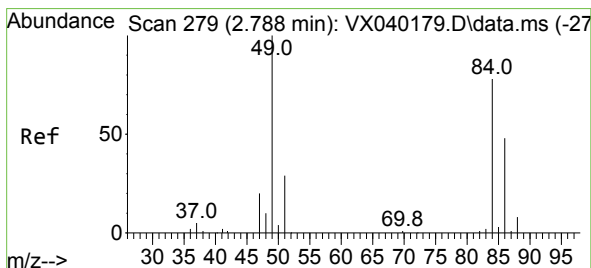
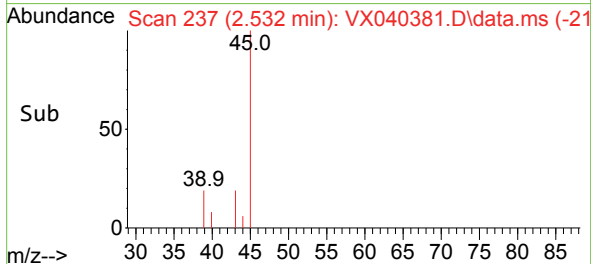
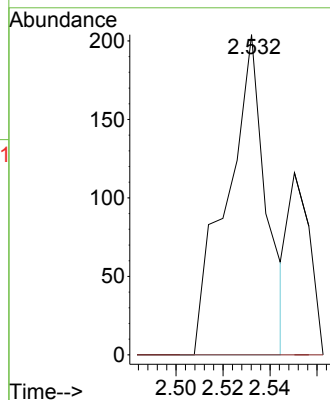
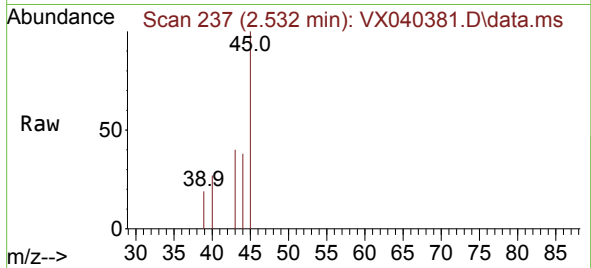




#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

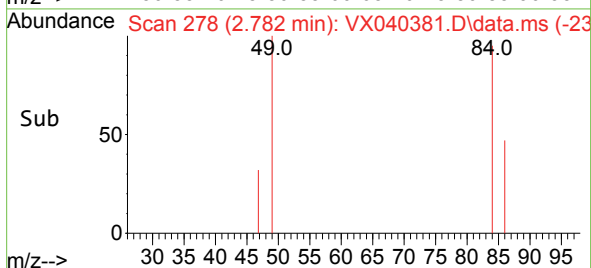
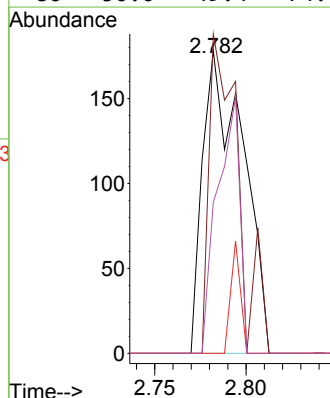
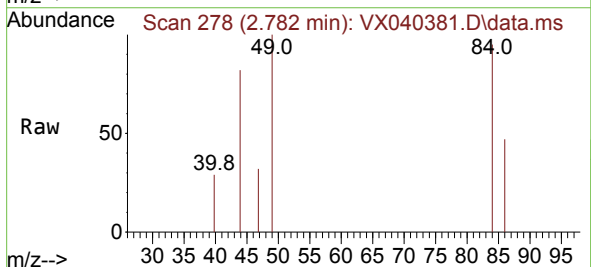
Instrument :
MSVOA_X
ClientSampleId :
TB03-20240216

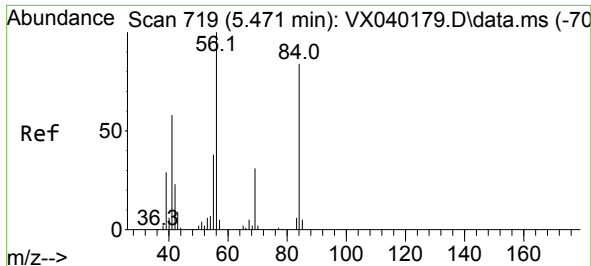
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

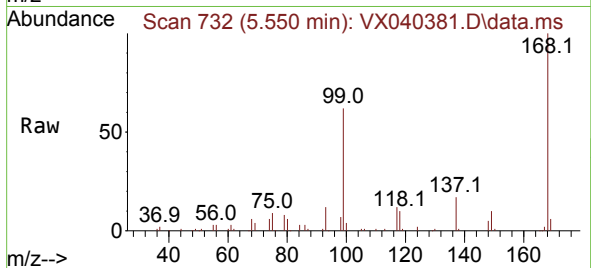
Tgt Ion: 84 Resp: 273
Ion Ratio Lower Upper
84 100
49 105.6 103.6 155.4
51 0.0 33.8 50.6#
86 50.0 49.4 74.0



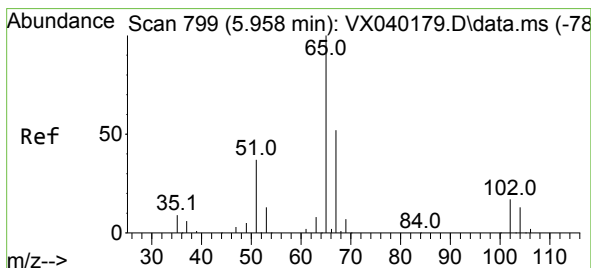
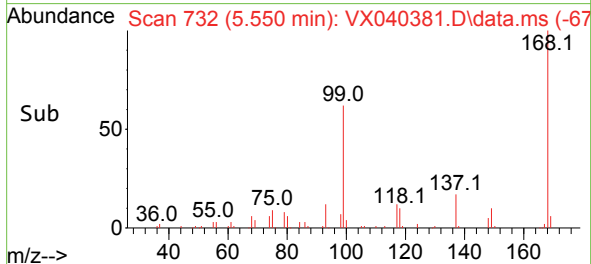
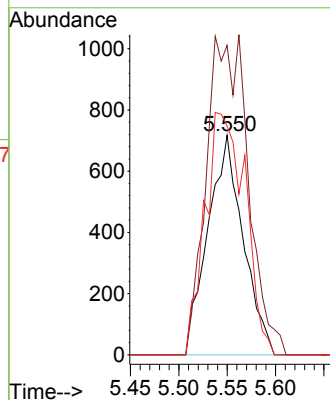


#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

Instrument :
MSVOA_X
ClientSampleId :
TB03-20240216

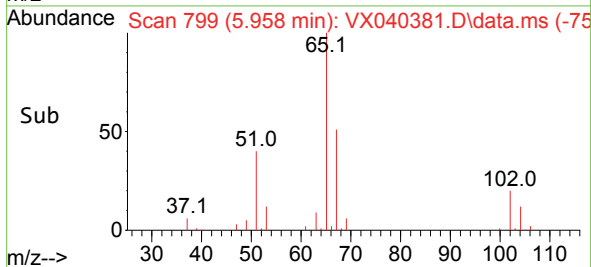
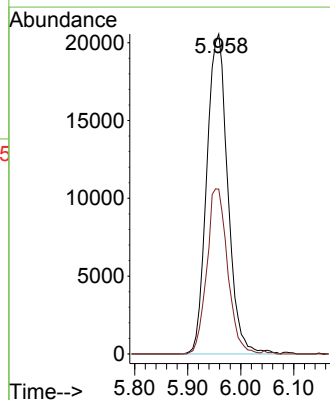
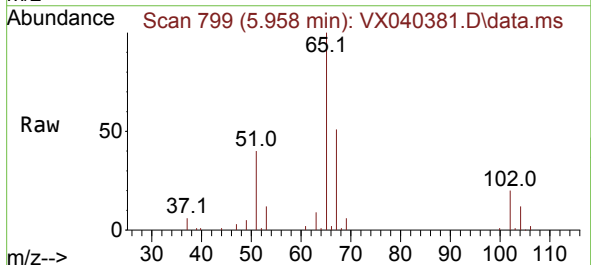


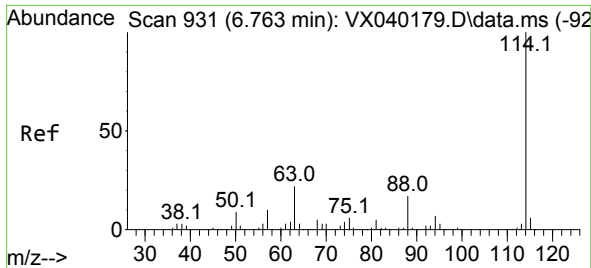
Tgt Ion: 56 Resp: 1816
Ion Ratio Lower Upper
56 100
69 141.0 23.4 35.2#
84 104.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.875 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

Tgt Ion: 65 Resp: 56582
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

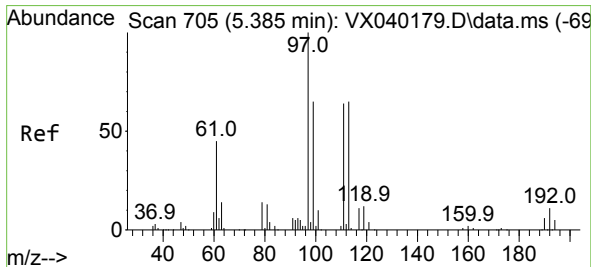
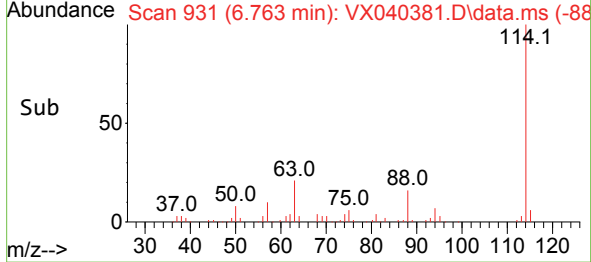
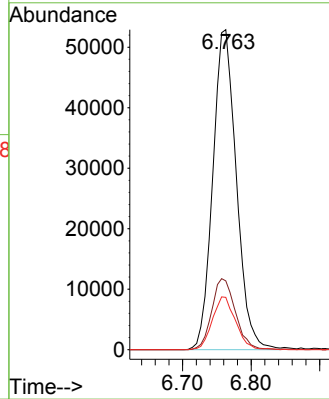
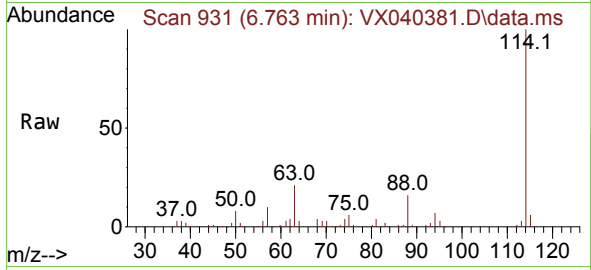




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

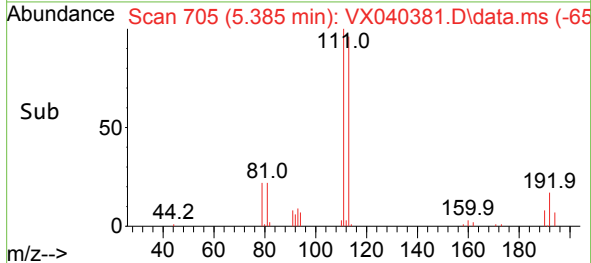
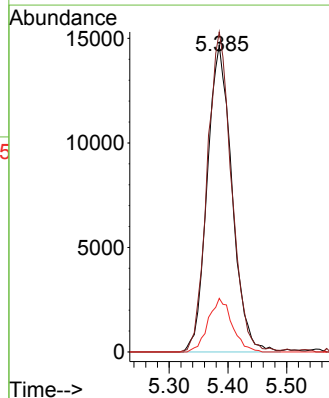
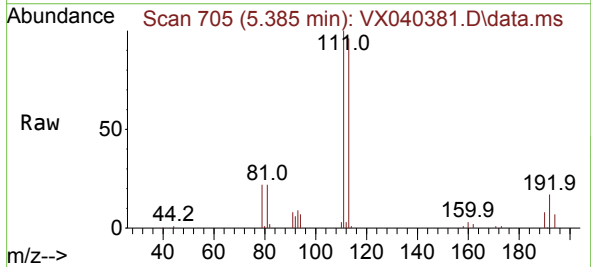
Instrument :
MSVOA_X
ClientSampleId :
TB03-20240216

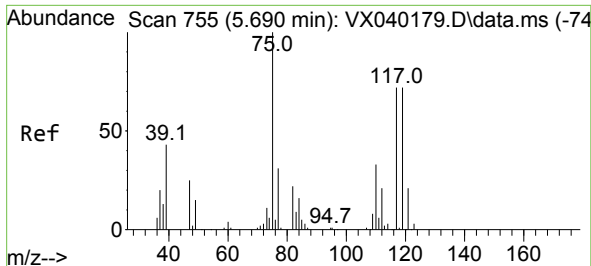
Tgt Ion:114 Resp: 126268
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.669 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

Tgt Ion:113 Resp: 42916
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.9 13.3 19.9

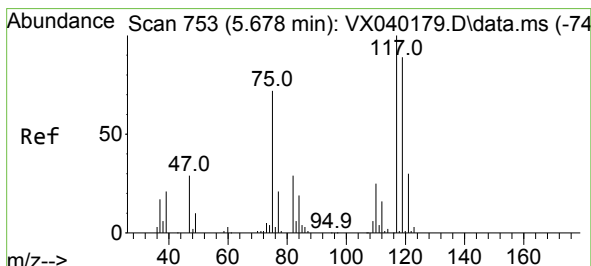
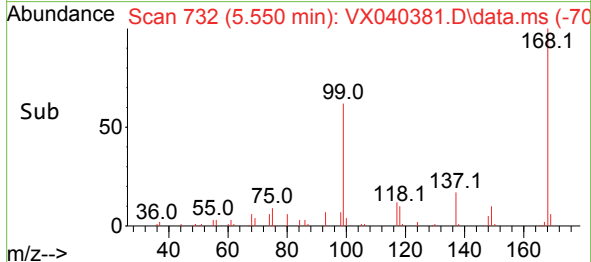
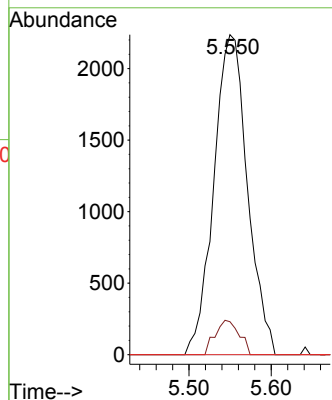
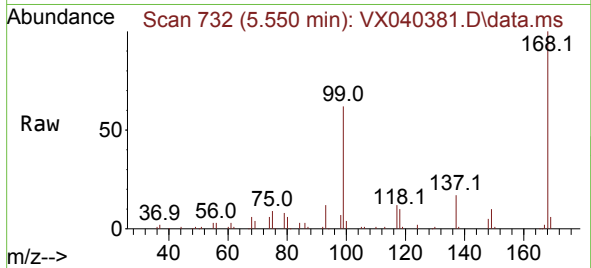




#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

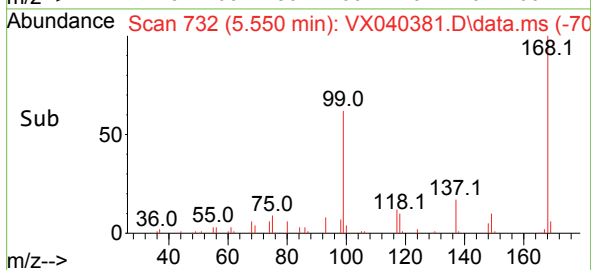
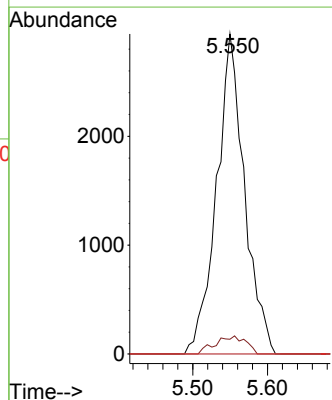
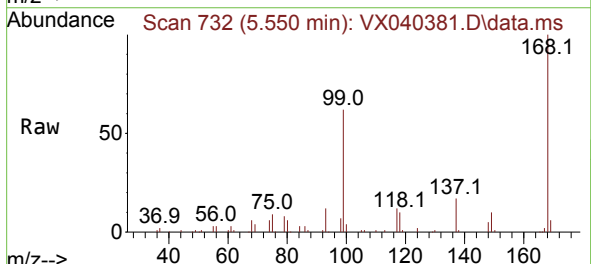
Instrument :
MSVOA_X
ClientSampleId :
TB03-20240216

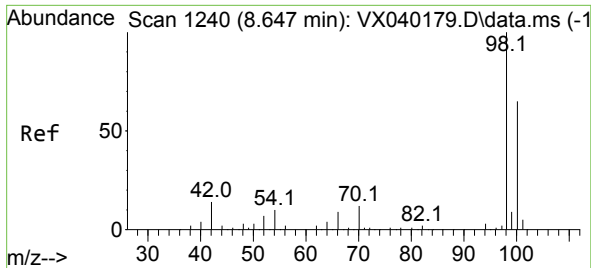
Tgt Ion: 75 Resp: 6358
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

Tgt Ion: 117 Resp: 7635
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

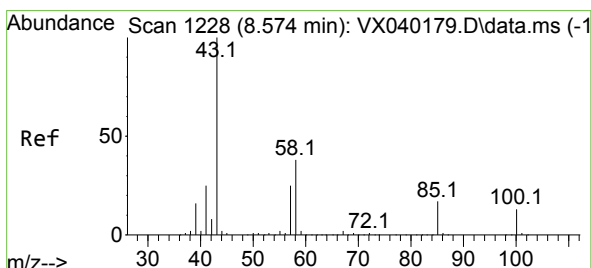
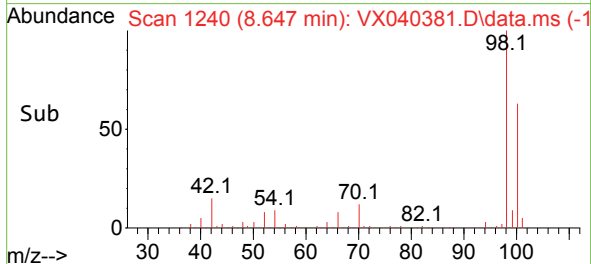
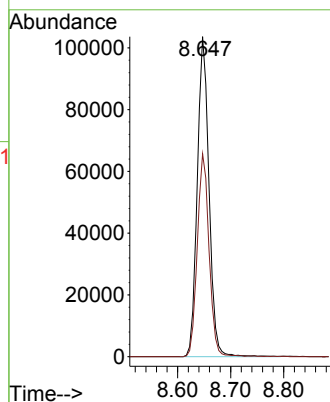
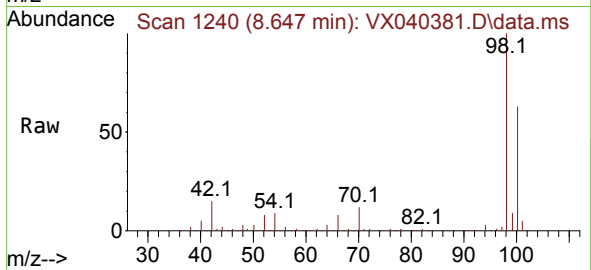




#50
Toluene-d8
Concen: 48.271 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

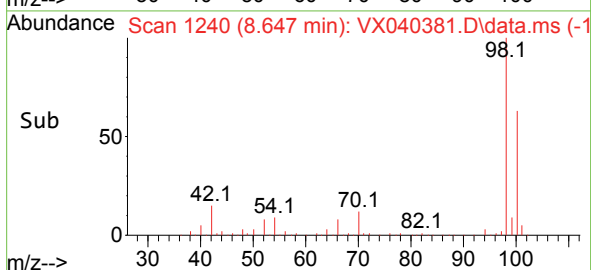
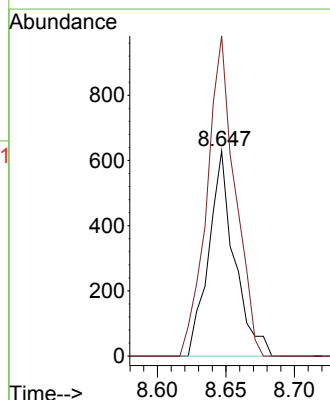
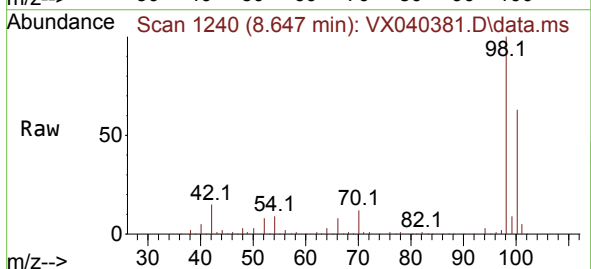
Instrument :
MSVOA_X
ClientSampleId :
TB03-20240216

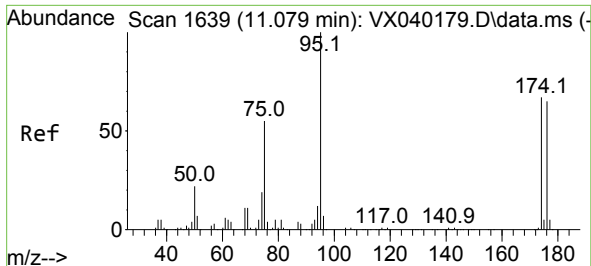
Tgt Ion: 98 Resp: 159222
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 171.3 30.4 45.6#

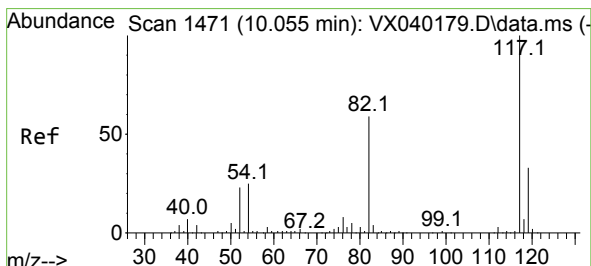
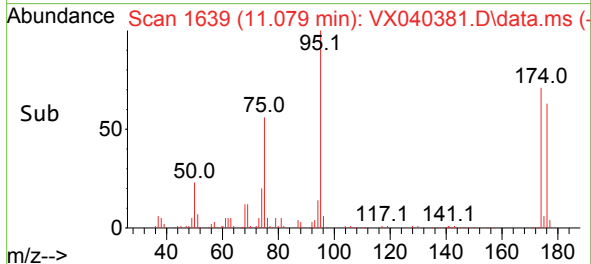
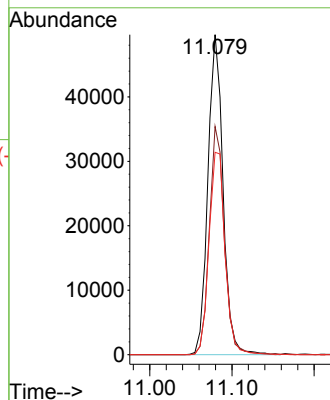
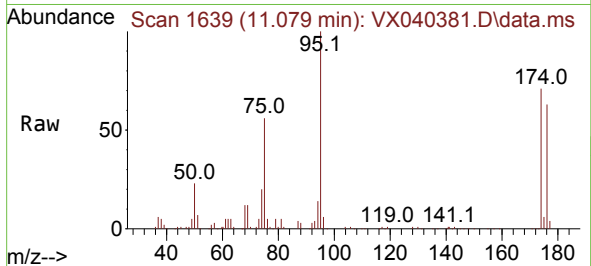




#62
4-Bromofluorobenzene
Concen: 47.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

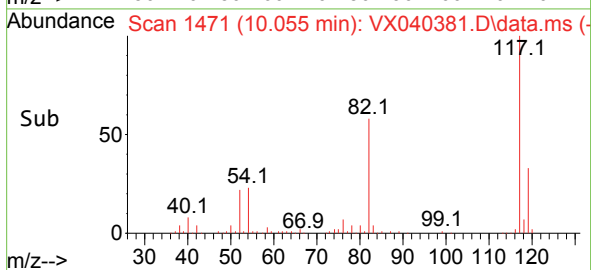
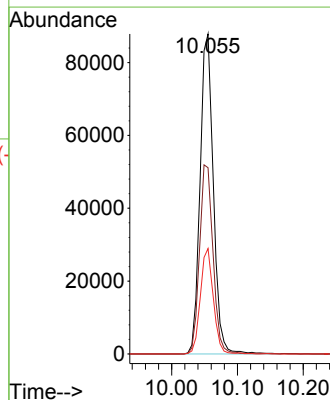
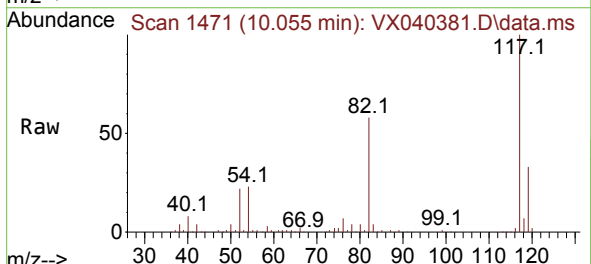
Instrument :
MSVOA_X
ClientSampleId :
TB03-20240216

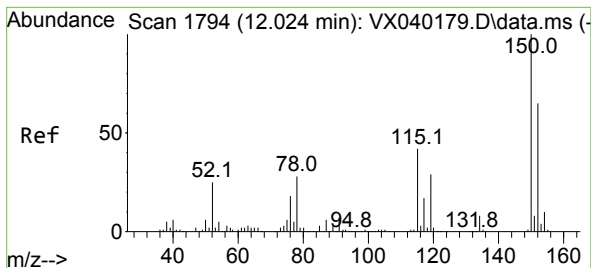
Tgt Ion: 95 Resp: 63349
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 67.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040381.D
Acq: 21 Feb 2024 15:05

Tgt Ion: 117 Resp: 122976
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 33.0 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: VX040381.D

Acq: 21 Feb 2024 15:05

Instrument :

MSVOA_X

ClientSampleId :

TB03-20240216

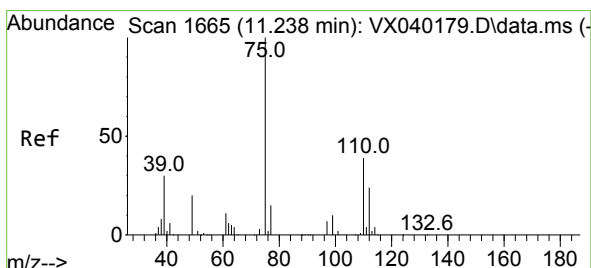
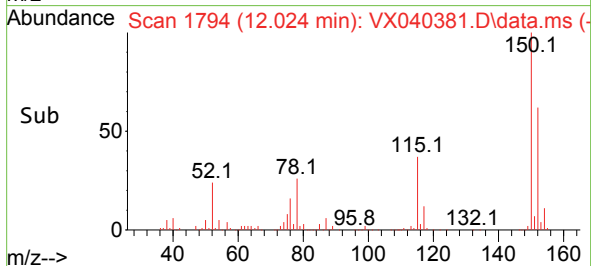
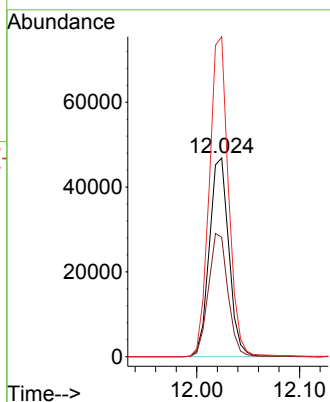
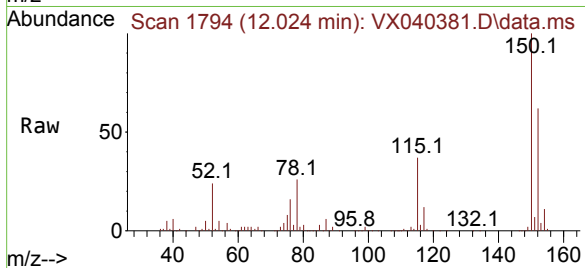
Tgt Ion:152 Resp: 61763

Ion Ratio Lower Upper

152 100

115 62.0 43.3 129.9

150 159.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.918 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040381.D

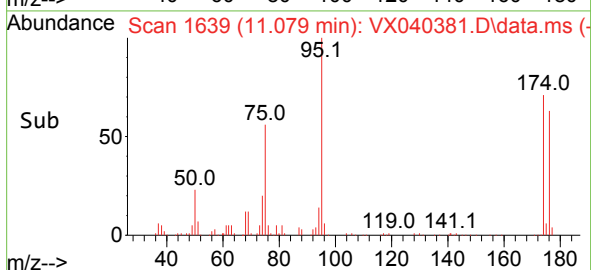
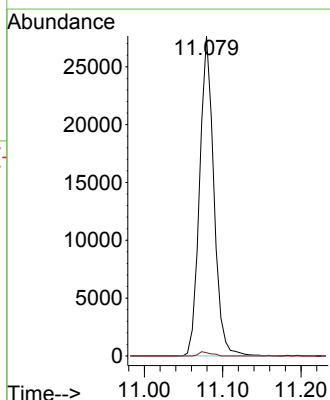
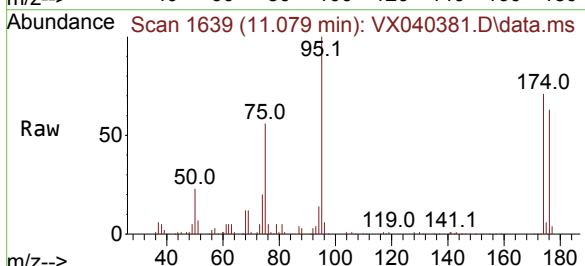
Acq: 21 Feb 2024 15:05

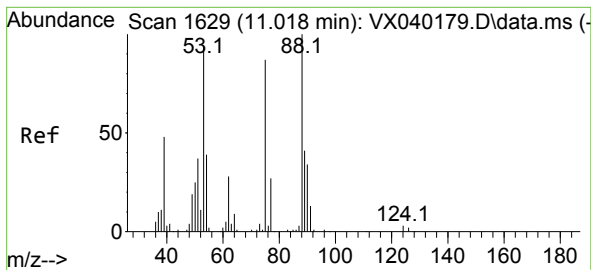
Tgt Ion: 75 Resp: 34918

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.381 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040381.D
 Acq: 21 Feb 2024 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20240216

Tgt Ion: 75 Resp: 34918
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

