

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040507.D
 Acq On : 28 Feb 2024 13:21
 Operator : JC/MD
 Sample : P1614-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240227

Quant Time: Feb 29 03:48:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

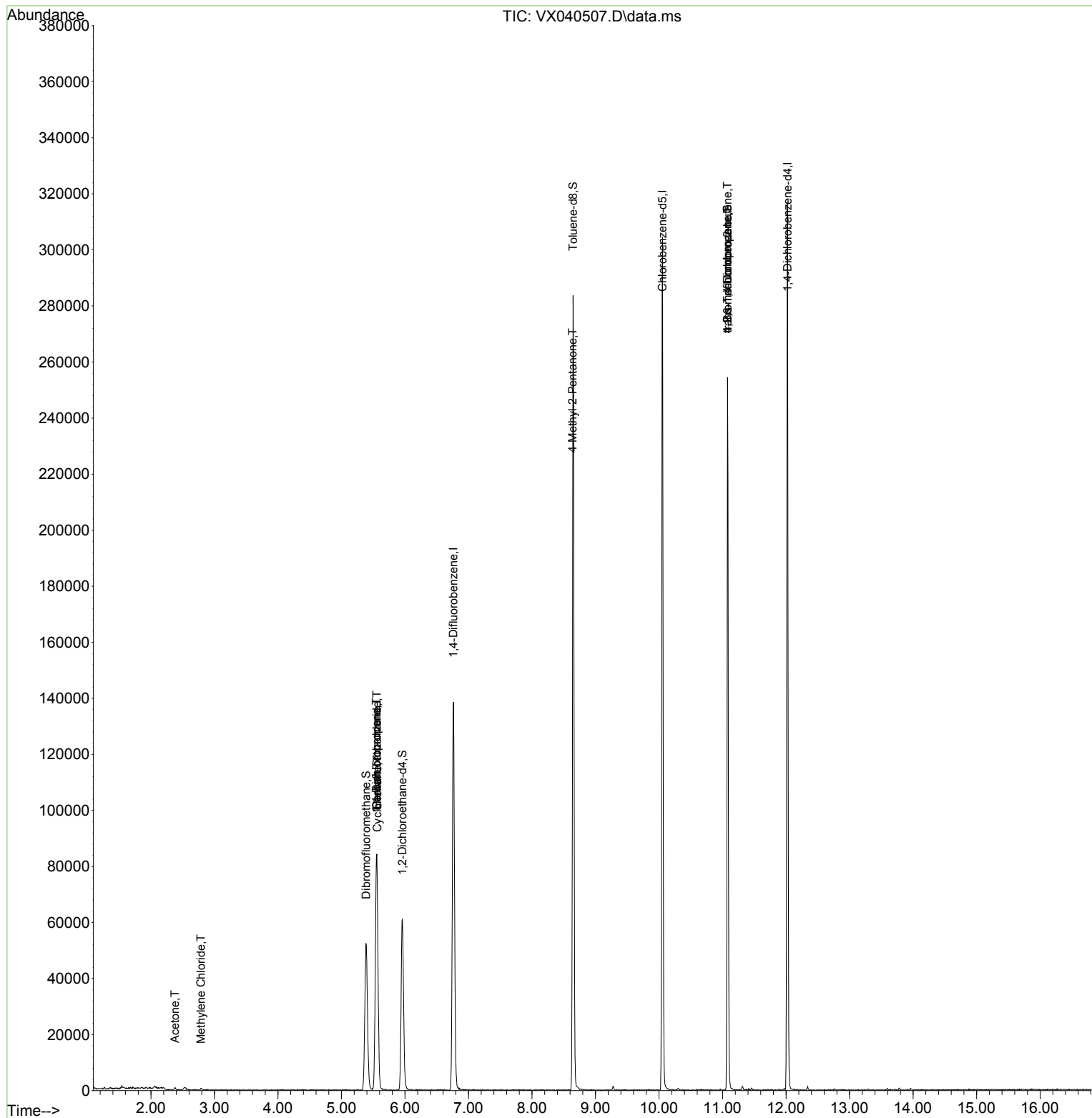
Internal Standards						
1) Pentafluorobenzene	5.556	168	76362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61591	48.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.440%		
35) Dibromofluoromethane	5.385	113	45136	48.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	8.647	98	162184	48.442	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.880%		
62) 4-Bromofluorobenzene	11.079	95	65758	51.525	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.040%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	832	1.998	ug/l #	75
20) Methylene Chloride	2.788	84	292	0.293	ug/l #	62
31) Cyclohexane	5.562	56	2190	1.513	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	6881	4.842	ug/l #	52
38) Carbon Tetrachloride	5.556	117	8552	6.230	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	857	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37377	26.817	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37377	77.861	ug/l #	5

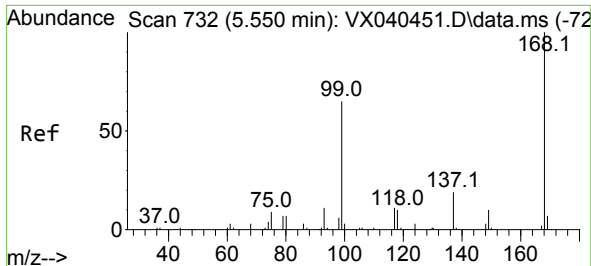
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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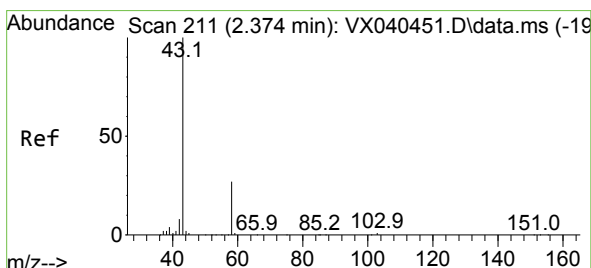
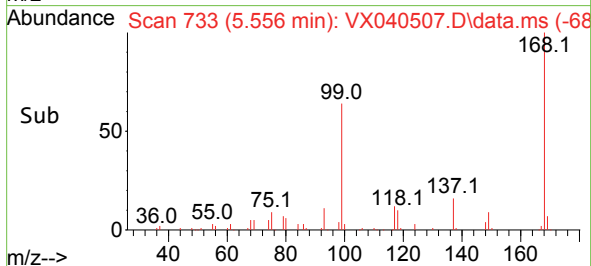
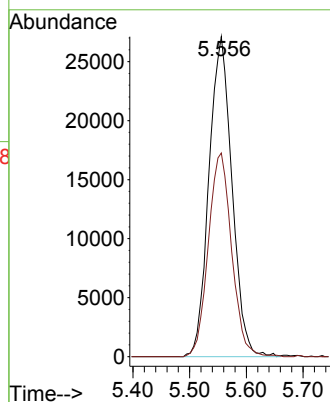
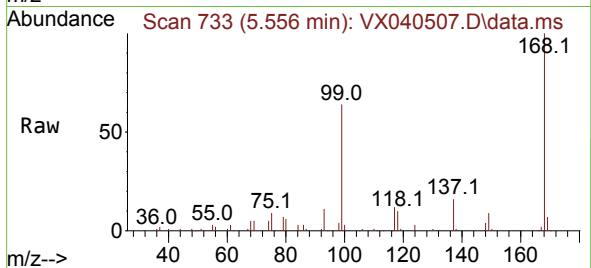




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

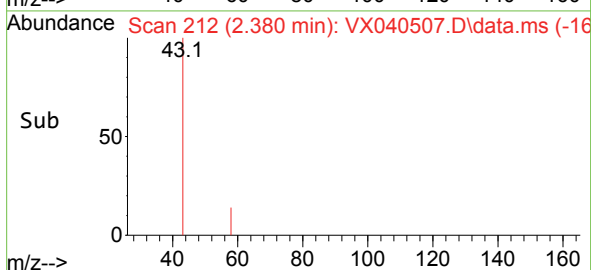
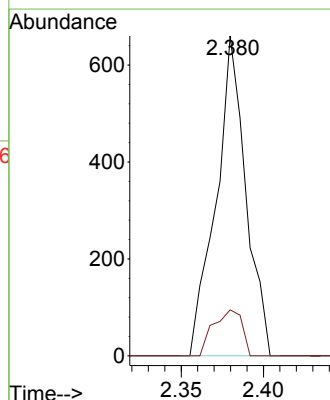
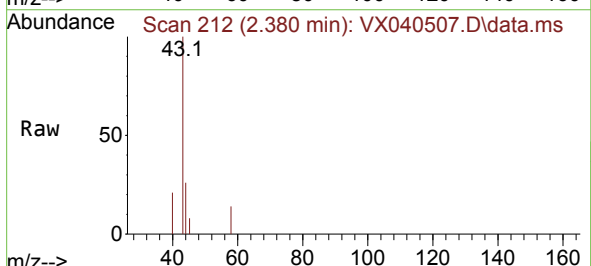
Instrument :
MSVOA_X
ClientSampleId :
TB-20240227

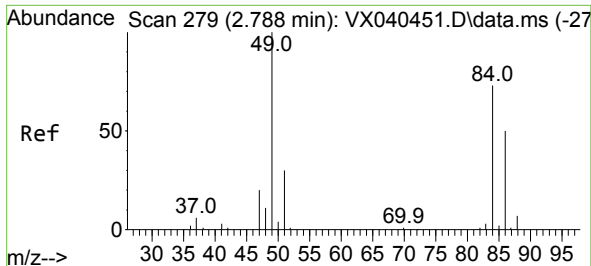
Tgt Ion:168 Resp: 76362
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#16
Acetone
Concen: 1.998 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

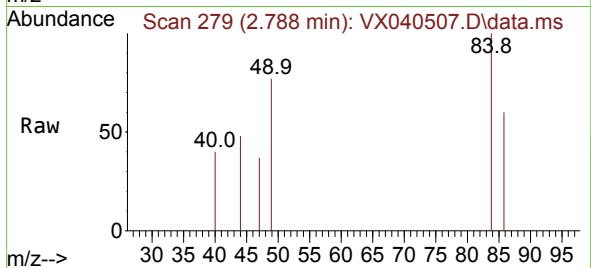
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 14.4 21.9 32.9#



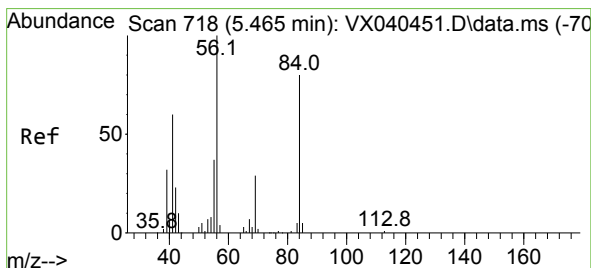
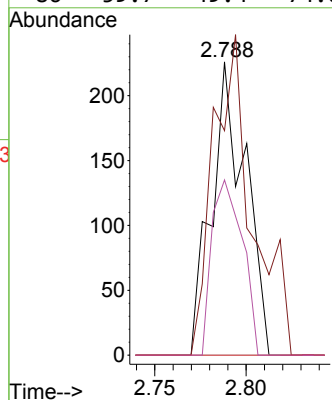


#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :
TB-20240227

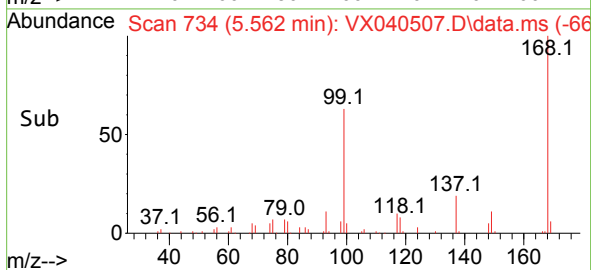
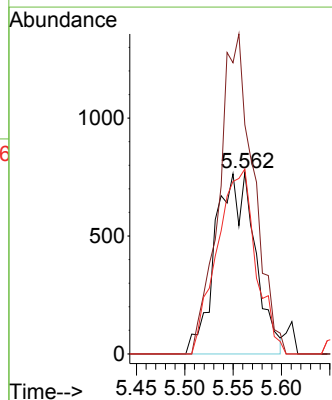
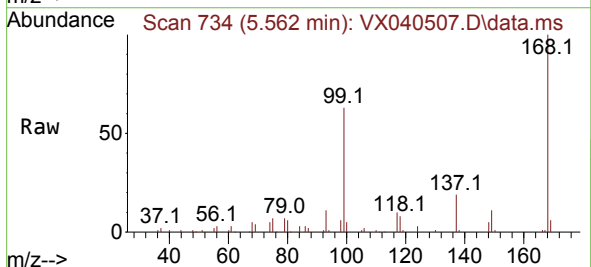


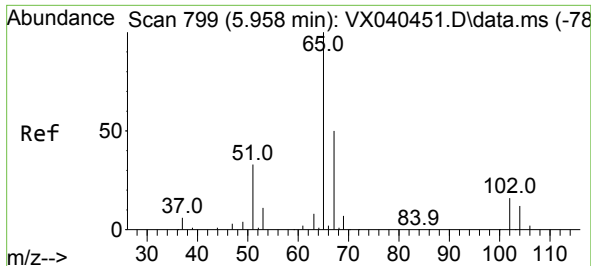
Tgt Ion:	84	Resp:	292
Ion	Ratio	Lower	Upper
84	100		
49	76.5	103.6	155.4#
51	0.0	33.8	50.6#
86	59.7	49.4	74.0



#31
Cyclohexane
Concen: 1.513 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

Tgt Ion:	56	Resp:	2190
Ion	Ratio	Lower	Upper
56	100		
69	126.4	23.4	35.2#
84	102.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.223 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040507.D

Acq: 28 Feb 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

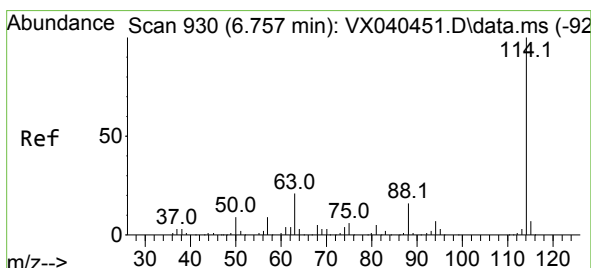
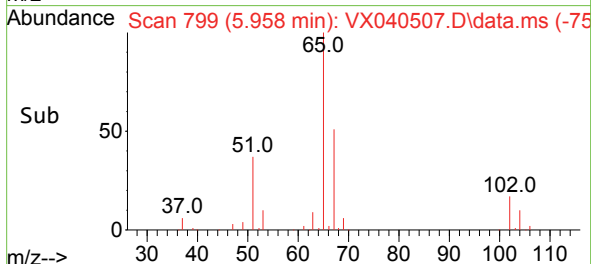
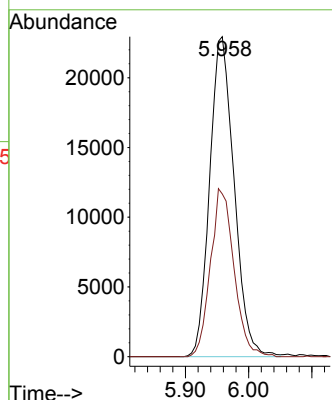
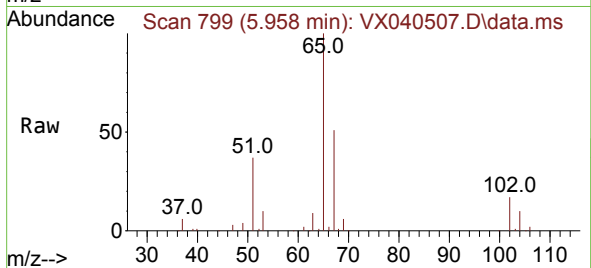
TB-20240227

Tgt Ion: 65 Resp: 61591

Ion Ratio Lower Upper

65 100

67 50.5 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: VX040507.D

Acq: 28 Feb 2024 13:21

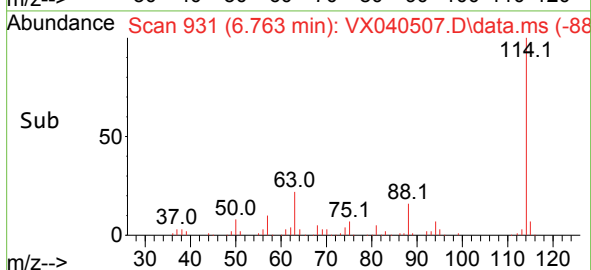
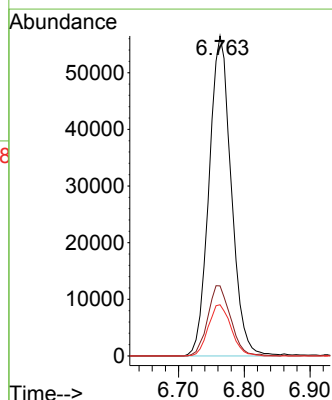
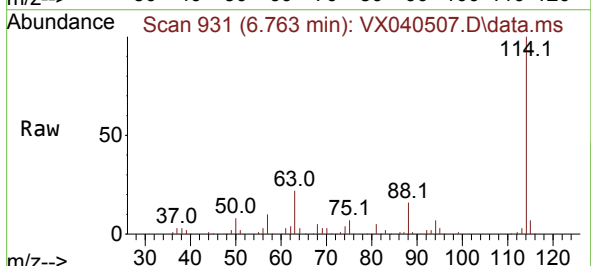
Tgt Ion:114 Resp: 132638

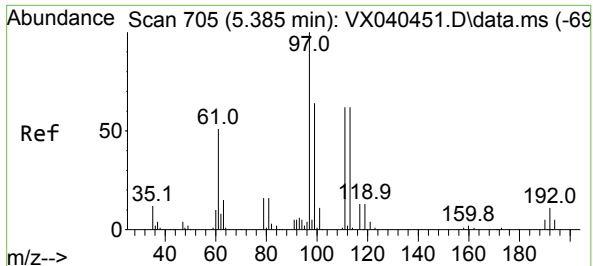
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 16.0 0.0 36.6

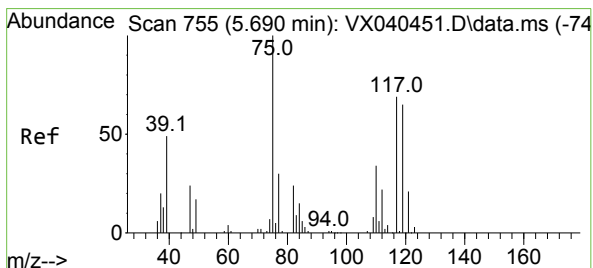
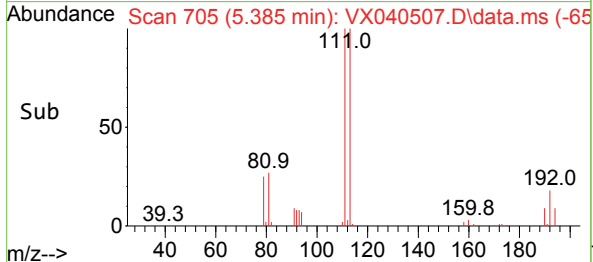
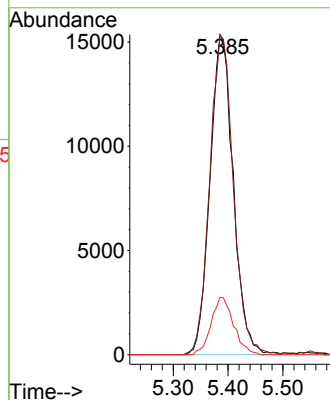
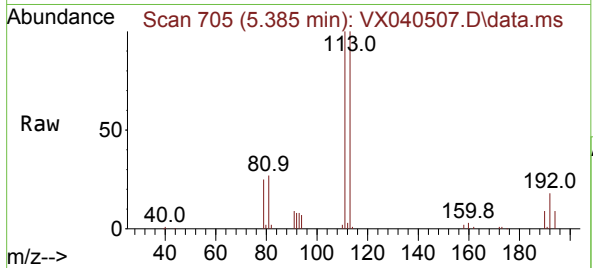




#35
Dibromofluoromethane
Concen: 48.936 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

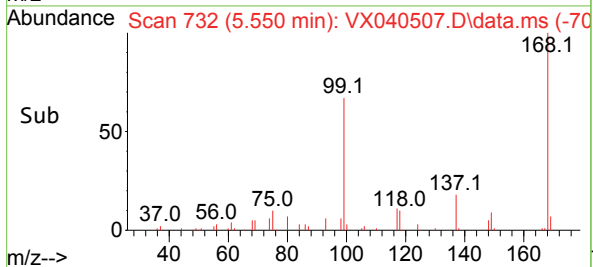
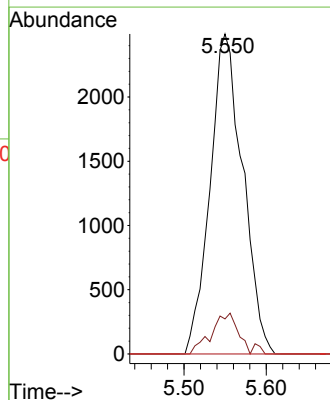
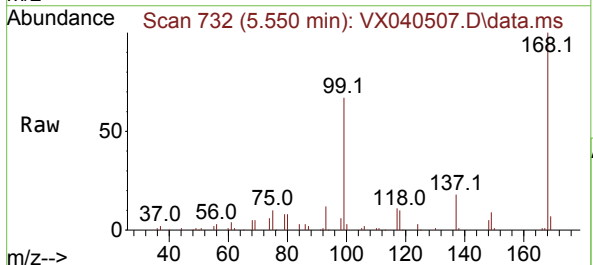
Instrument :
MSVOA_X
ClientSampleId :
TB-20240227

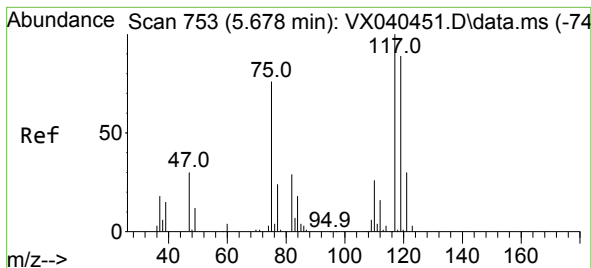
Tgt Ion:113 Resp: 45136
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

Tgt Ion: 75 Resp: 6881
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX040507.D

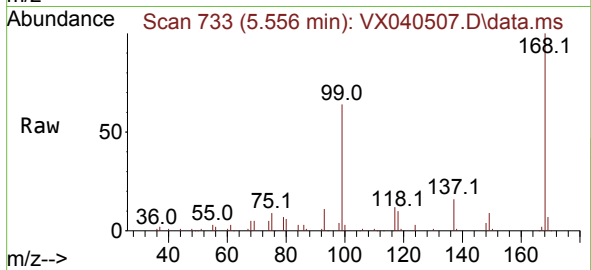
Acq: 28 Feb 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

TB-20240227



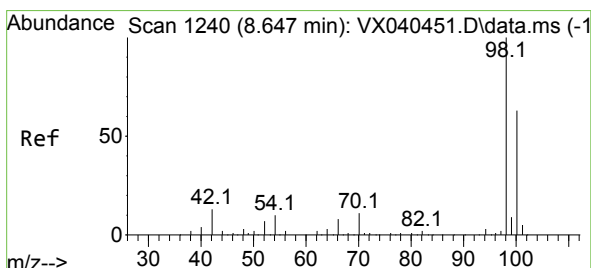
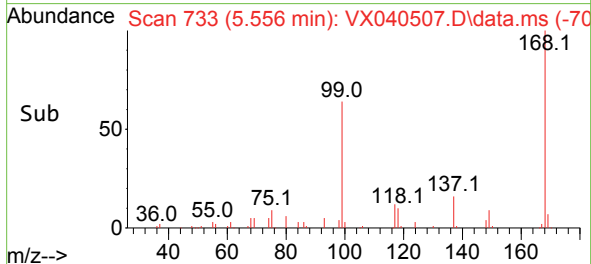
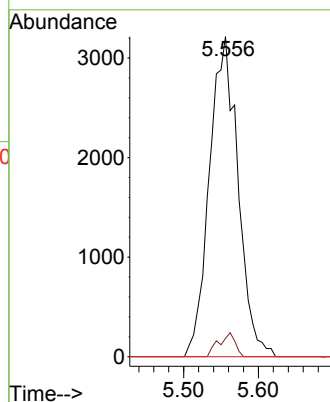
Tgt Ion:117 Resp: 8552

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.442 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040507.D

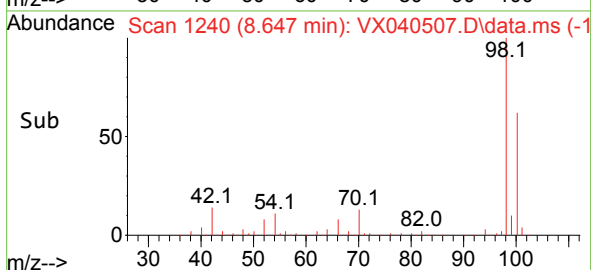
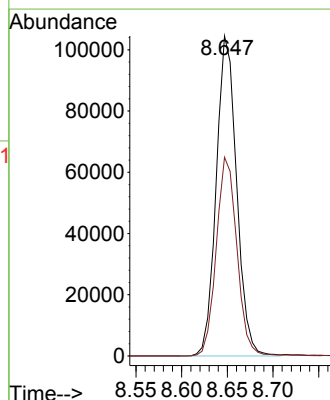
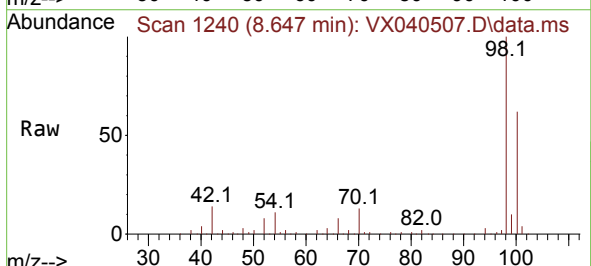
Acq: 28 Feb 2024 13:21

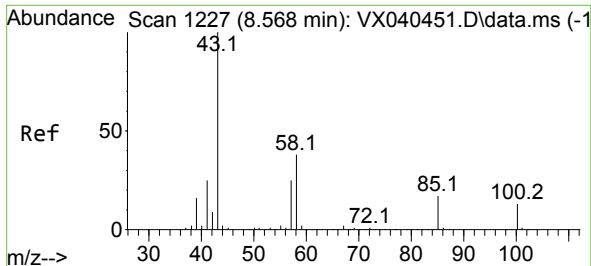
Tgt Ion: 98 Resp: 162184

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

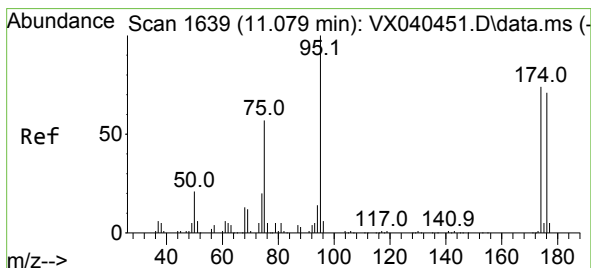
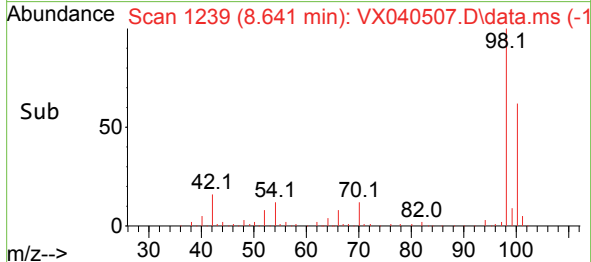
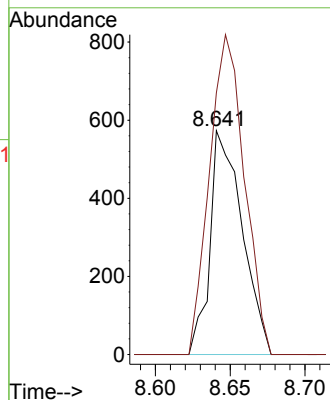
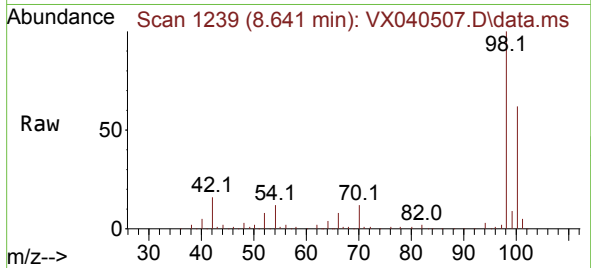




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

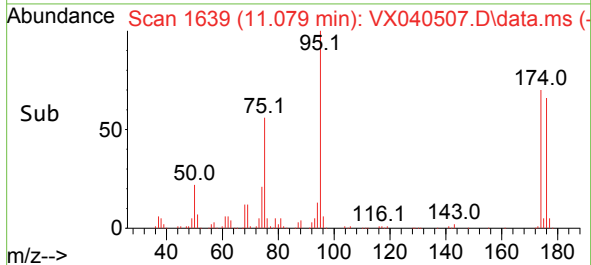
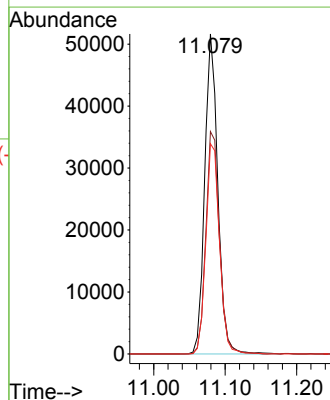
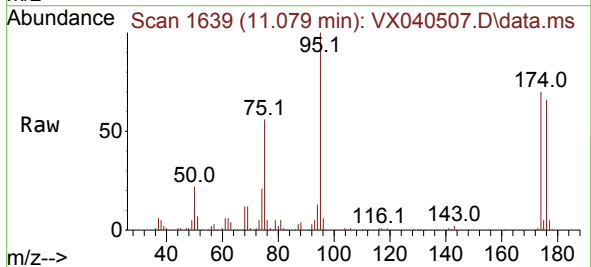
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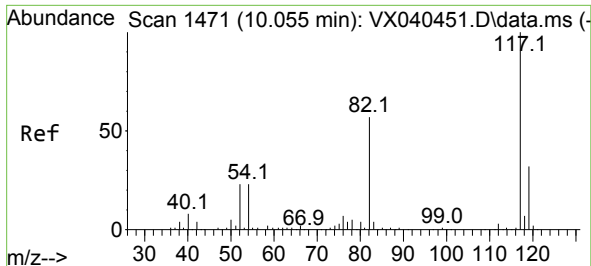
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 155.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

Tgt Ion: 95 Resp: 65758
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 68.6 0.0 131.0

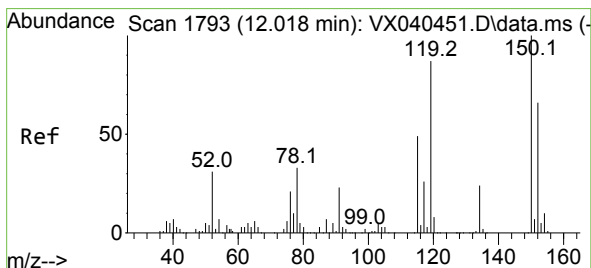
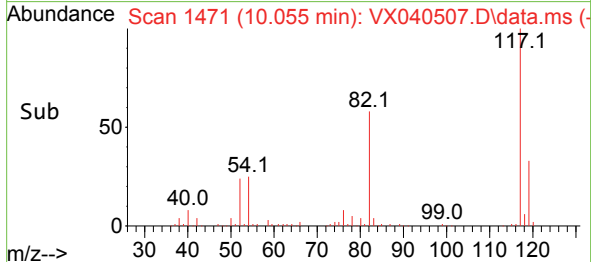
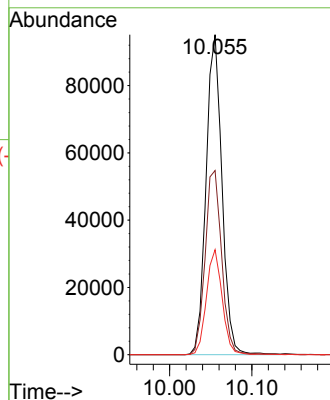
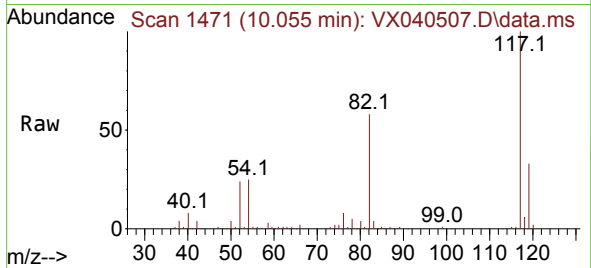




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

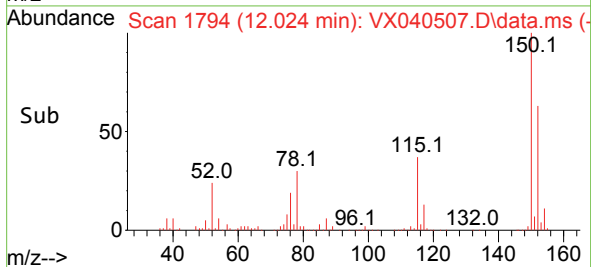
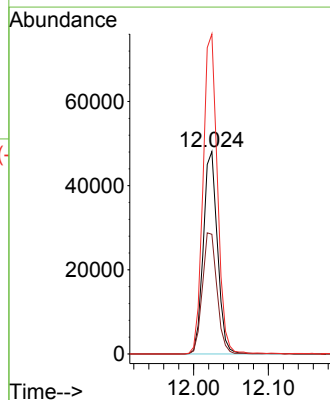
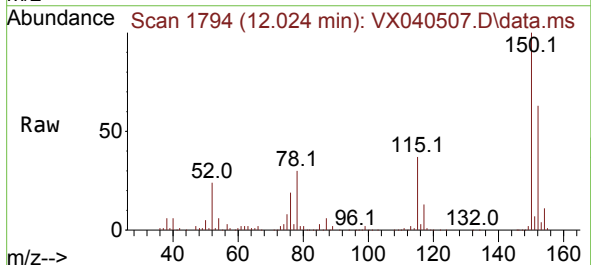
Instrument :
MSVOA_X
ClientSampleId :
TB-20240227

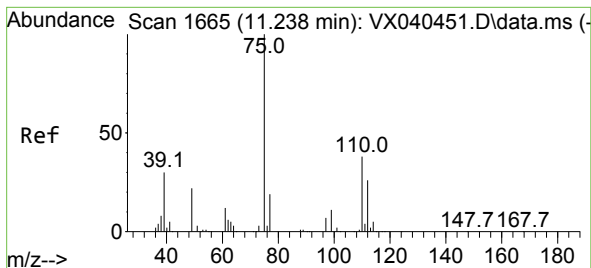
Tgt Ion:117 Resp: 127884
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040507.D
Acq: 28 Feb 2024 13:21

Tgt Ion:152 Resp: 63330
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 159.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.817 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040507.D

Acq: 28 Feb 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

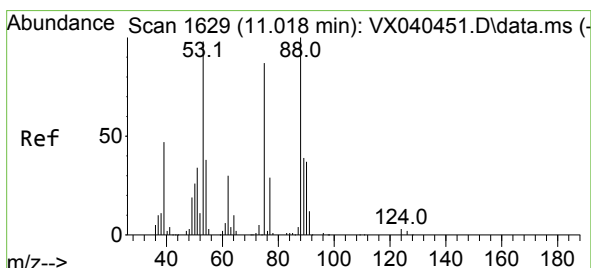
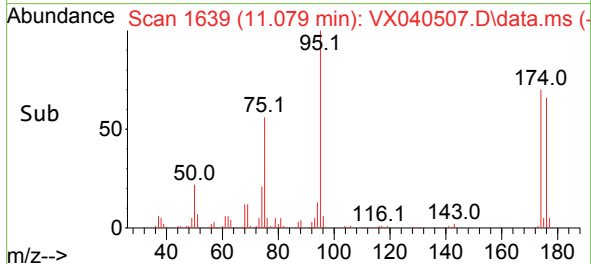
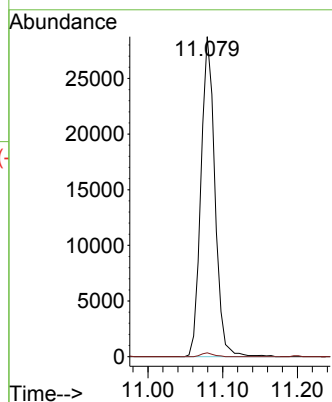
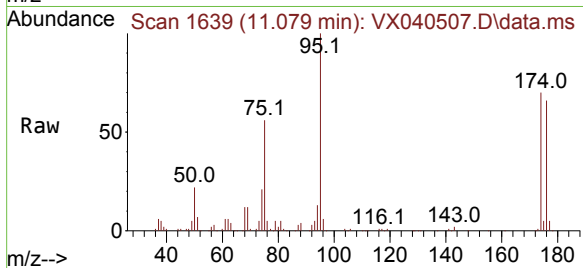
TB-20240227

Tgt Ion: 75 Resp: 37377

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.861 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040507.D

Acq: 28 Feb 2024 13:21

Tgt Ion: 75 Resp: 37377

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

