

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038761.D
 Acq On : 11 Nov 2023 05:55
 Operator : JC/MD
 Sample : 05357-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20231107

Quant Time: Nov 13 01:06:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

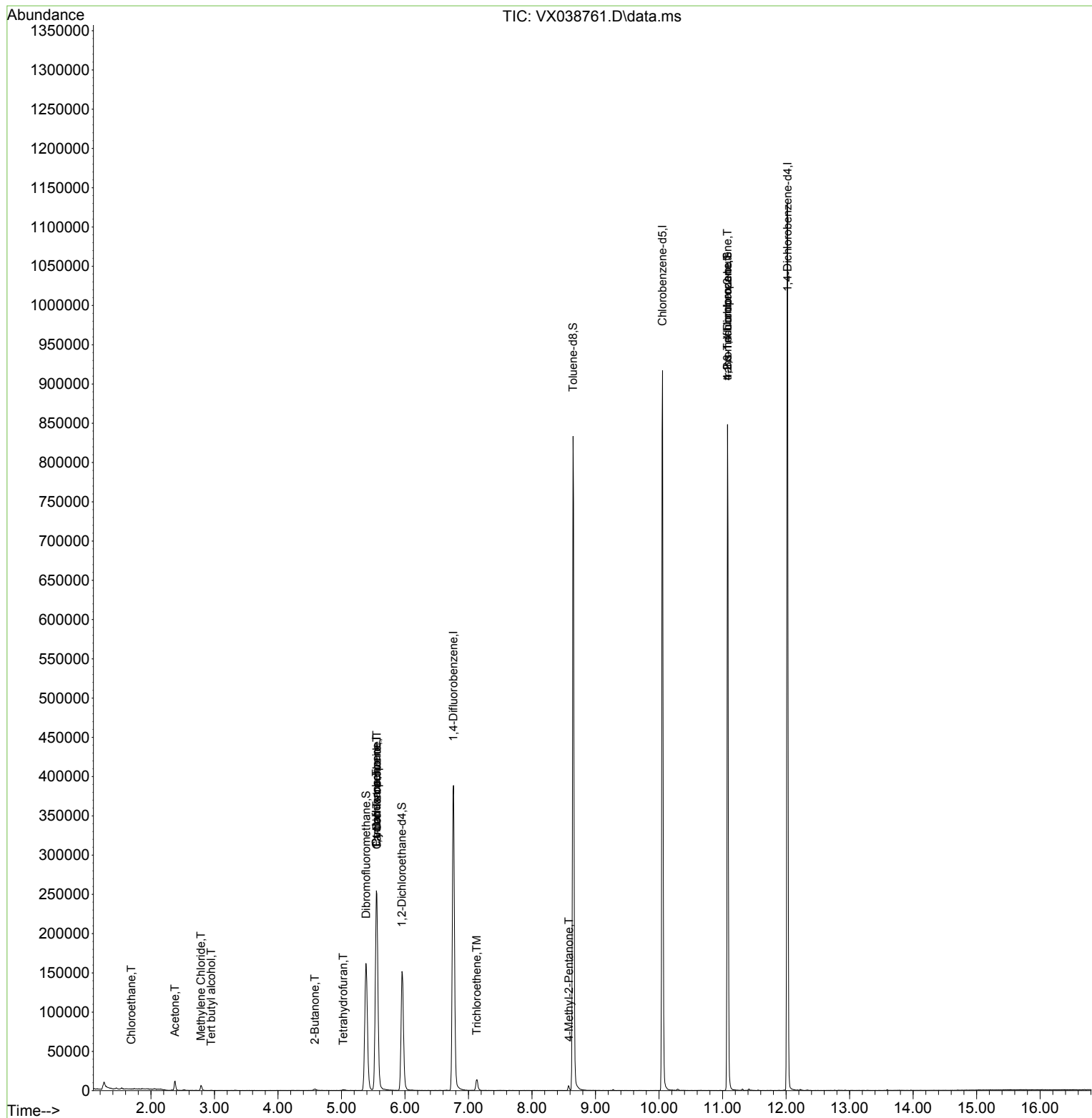
Internal Standards						
1) Pentafluorobenzene	5.550	168	264118	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	437715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154804	47.079	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.160%		
35) Dibromofluoromethane	5.385	113	144226	45.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.647	98	523685	46.422	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.840%		
62) 4-Bromofluorobenzene	11.079	95	224772	51.390	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.780%		
Target Compounds						
						Qvalue
6) Chloroethane	1.691	64	433	0.271	ug/l	# 43
11) Tert butyl alcohol	2.947	59	261	0.388	ug/l	# 78
16) Acetone	2.380	43	12668	9.148	ug/l	# 89
20) Methylene Chloride	2.788	84	3220	1.153	ug/l	# 76
25) 2-Butanone	4.580	43	3551	1.770	ug/l	96
29) Tetrahydrofuran	5.025	42	660	0.529	ug/l	90
31) Cyclohexane	5.550	56	4311	1.185	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16854	4.304	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	25179	5.751	ug/l	# 15
44) Trichloroethene	7.129	130	6342	1.807	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	3416	0.853	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	109336	20.846	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	109336	63.418	ug/l	# 5

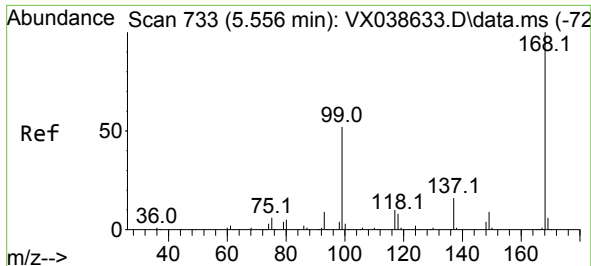
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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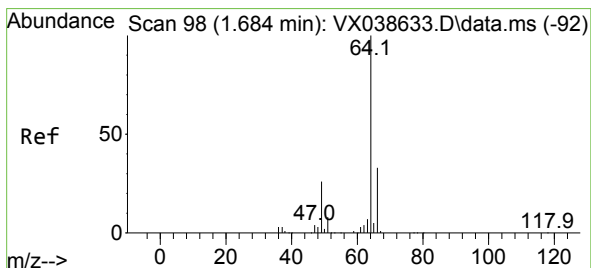
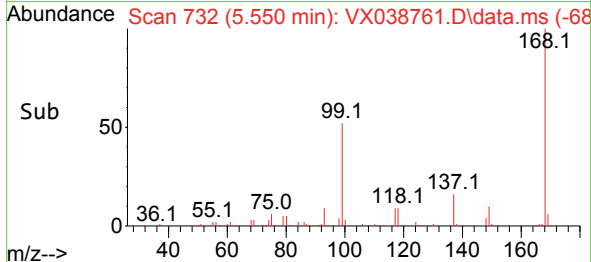
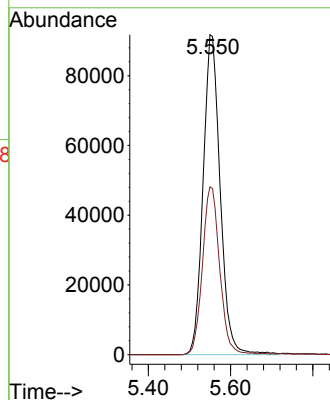
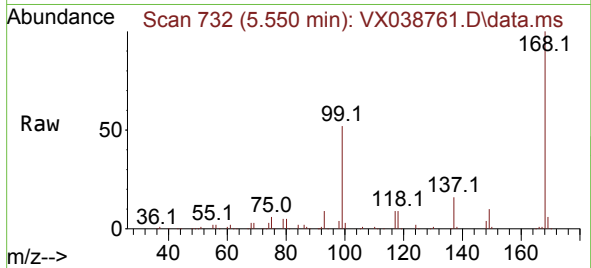




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

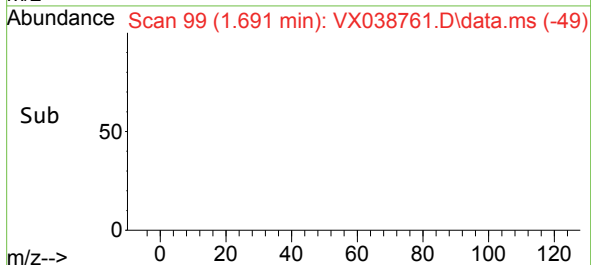
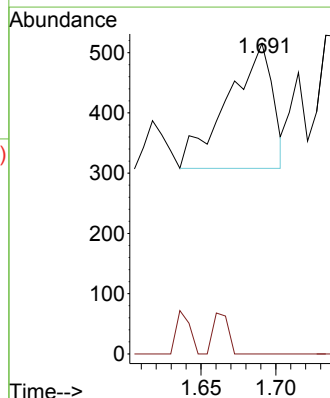
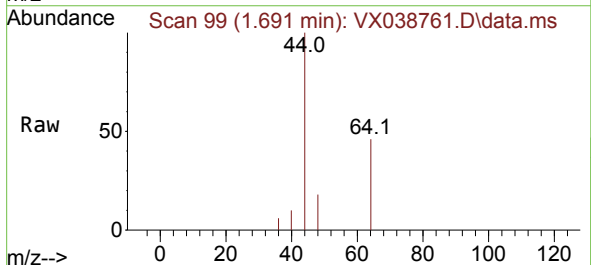
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231107

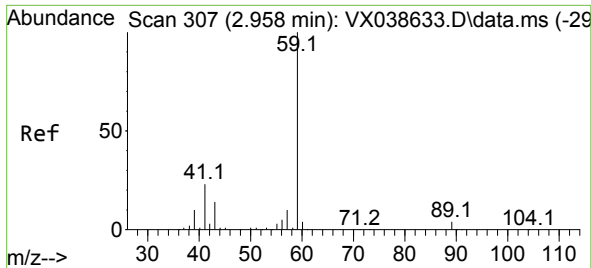
Tgt Ion:168 Resp: 264118
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#6
Chloroethane
Concen: 0.271 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Tgt Ion: 64 Resp: 433
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

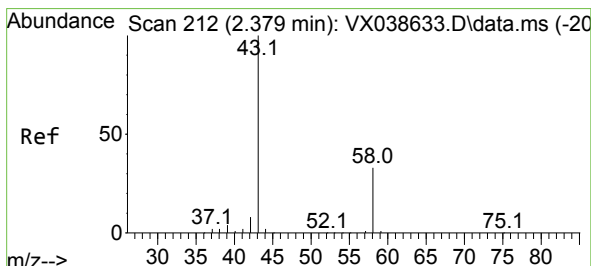
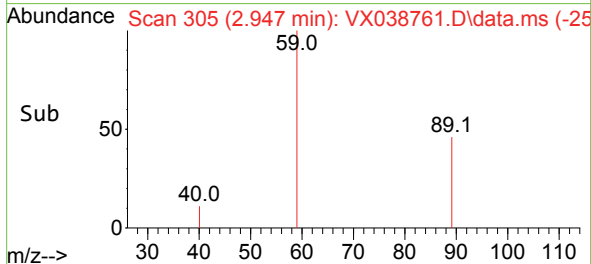
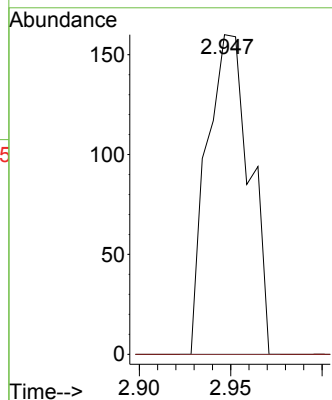
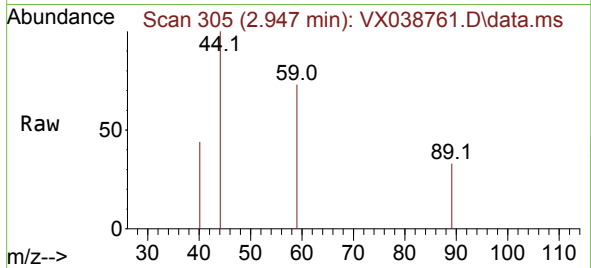




#11
Tert butyl alcohol
Concen: 0.388 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

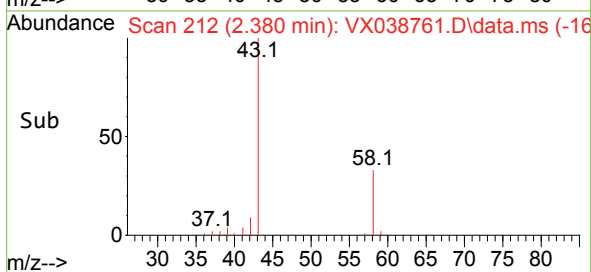
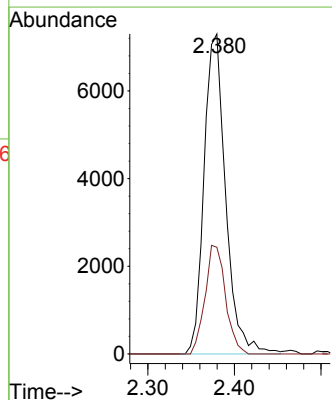
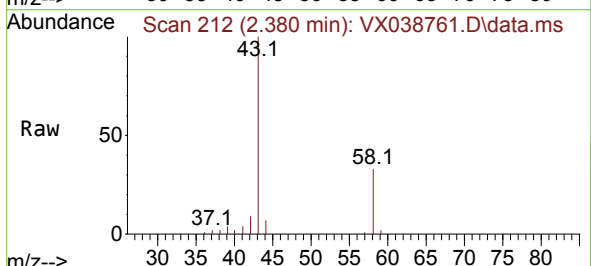
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231107

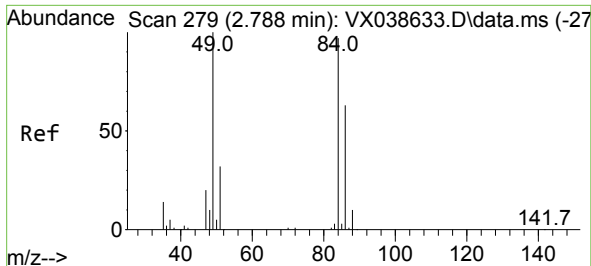
Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 9.148 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

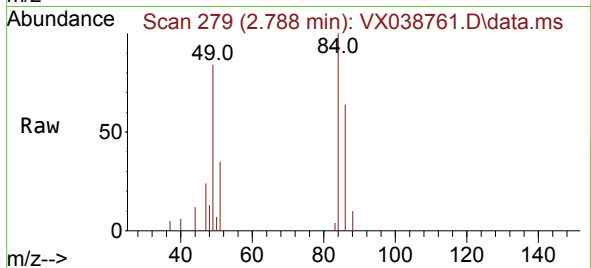
Tgt Ion: 43 Resp: 12668
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#



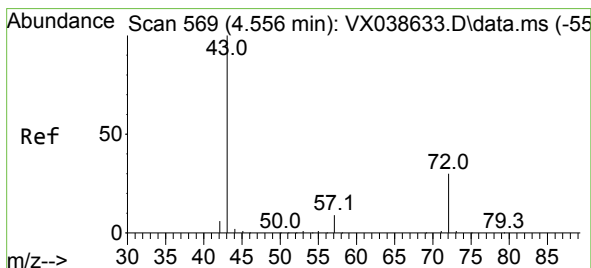
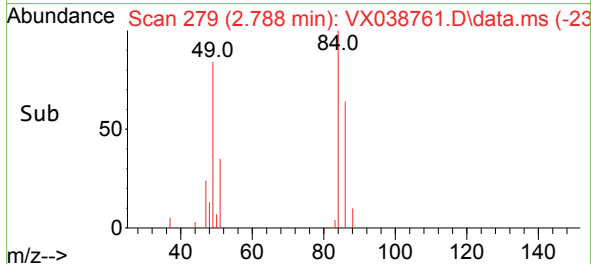
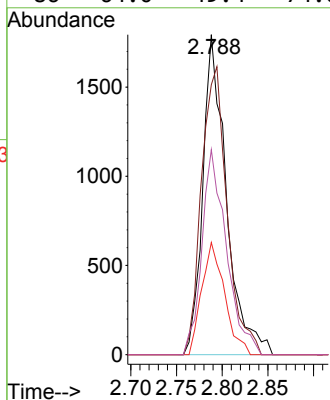


#20
Methylene Chloride
Concen: 1.153 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Instrument :
MSVOA_X
ClientSampleId :
TB01-20231107

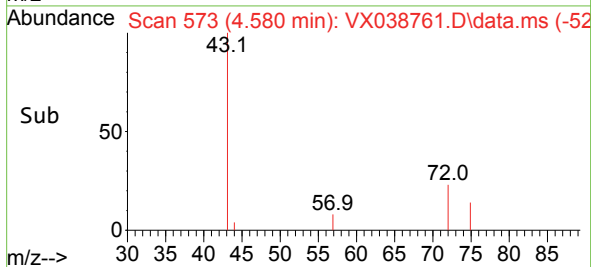
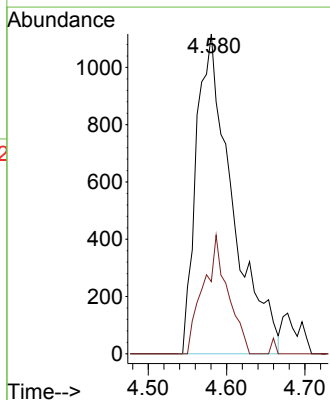
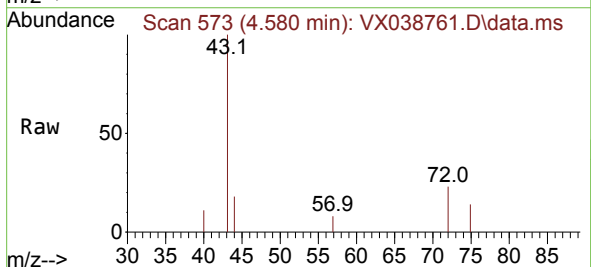


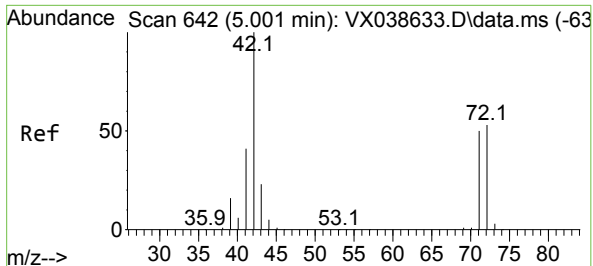
Tgt Ion:	84	Resp:	3220
Ion	Ratio	Lower	Upper
84	100		
49	84.3	103.6	155.4#
51	35.1	33.8	50.6
86	64.0	49.4	74.0



#25
2-Butanone
Concen: 1.770 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Tgt Ion:	43	Resp:	3551
Ion	Ratio	Lower	Upper
43	100		
72	22.6	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.529 ug/l

RT: 5.025 min Scan# 642

Delta R.T. 0.025 min

Lab File: VX038761.D

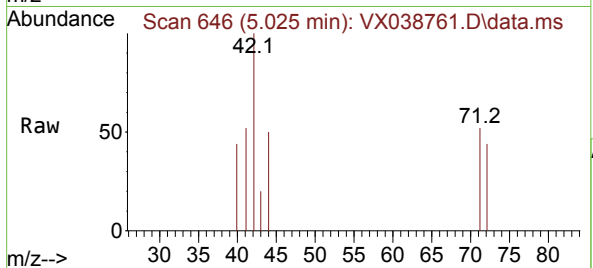
Acq: 11 Nov 2023 05:55

Instrument :

MSVOA_X

ClientSampleId :

TB01-20231107



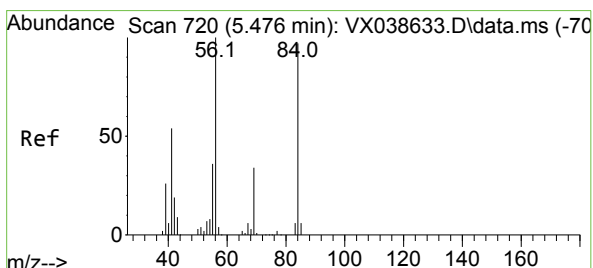
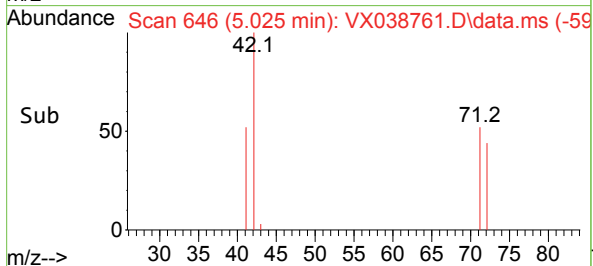
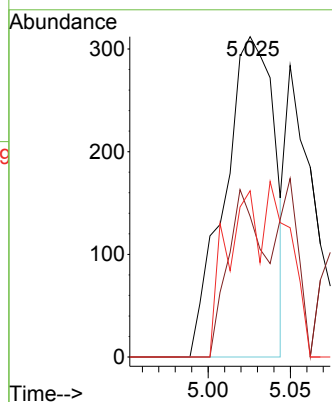
Tgt Ion: 42 Resp: 660

Ion Ratio Lower Upper

42 100

72 36.7 34.2 51.4

71 34.1 32.2 48.2



#31

Cyclohexane

Concen: 1.185 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.074 min

Lab File: VX038761.D

Acq: 11 Nov 2023 05:55

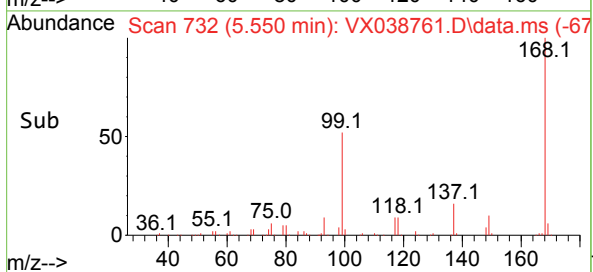
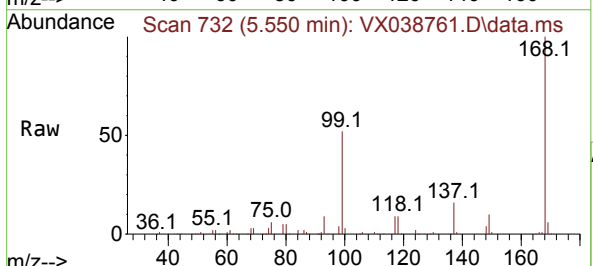
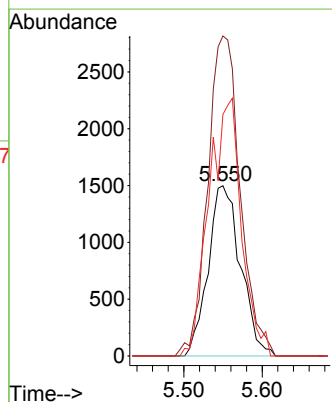
Tgt Ion: 56 Resp: 4311

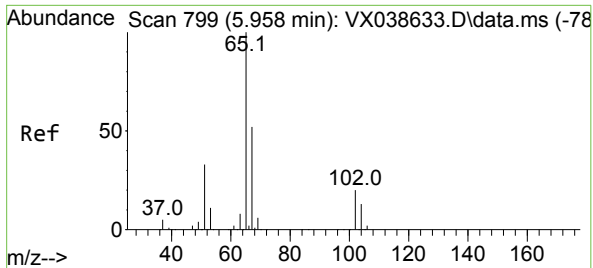
Ion Ratio Lower Upper

56 100

69 188.0 23.4 35.2#

84 141.9 65.9 98.9#

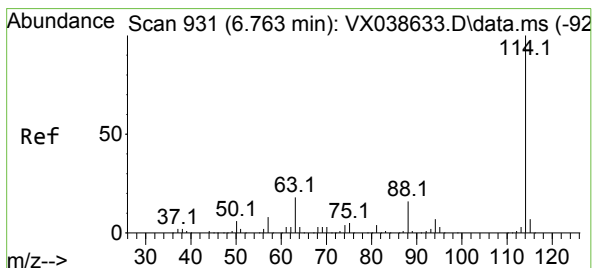
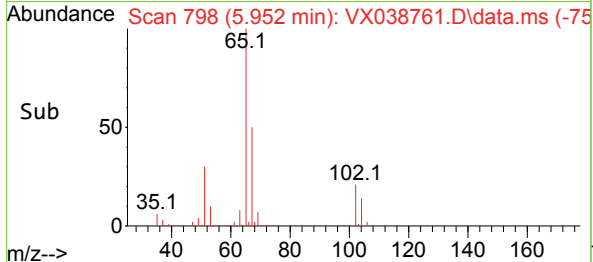
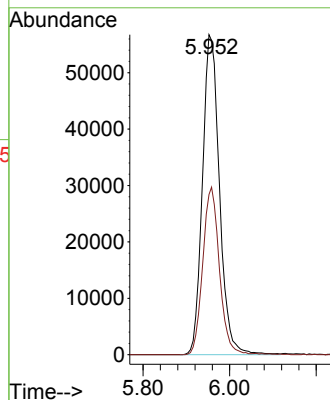
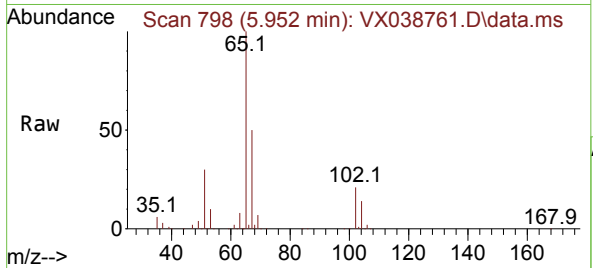




#33
1,2-Dichloroethane-d4
Concen: 47.079 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

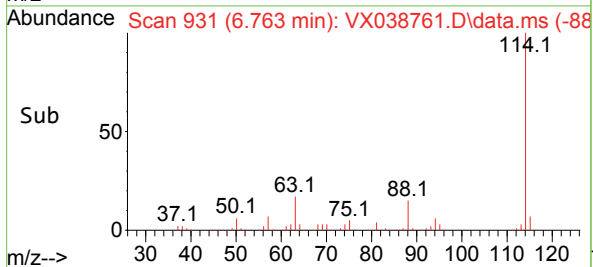
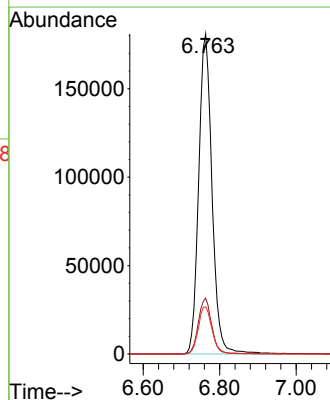
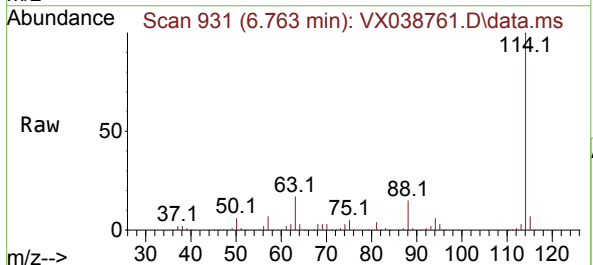
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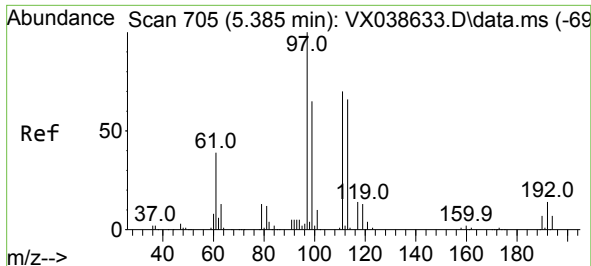
Tgt Ion: 65 Resp: 154804
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Tgt Ion: 114 Resp: 437715
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 14.8 0.0 36.6

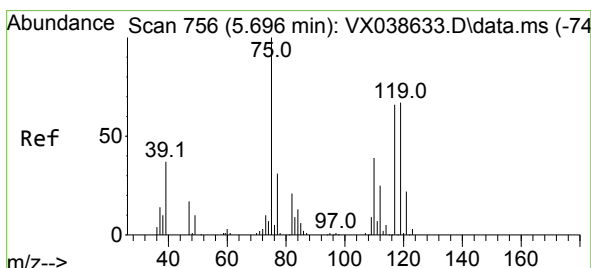
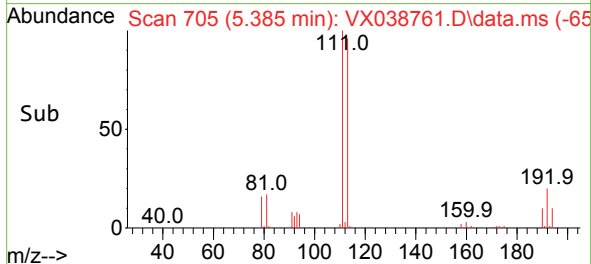
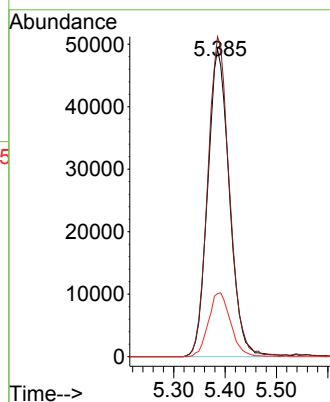
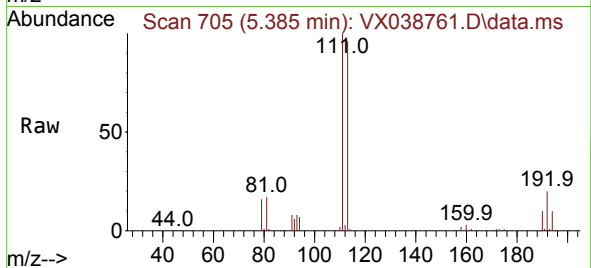




#35
Dibromofluoromethane
Concen: 45.749 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

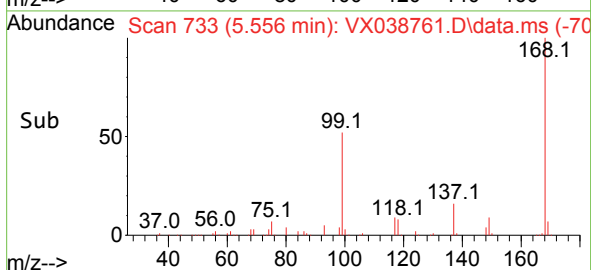
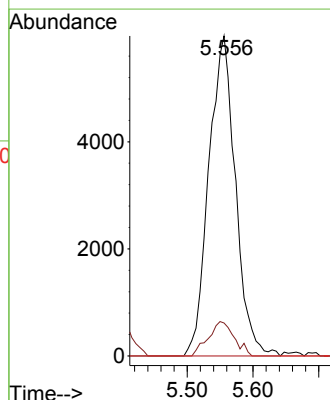
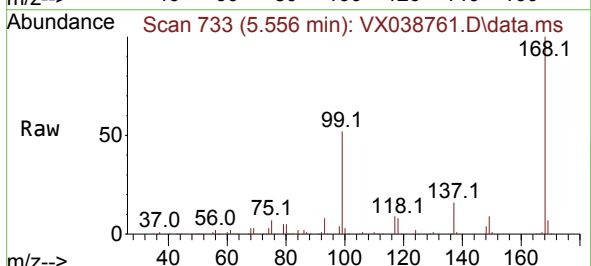
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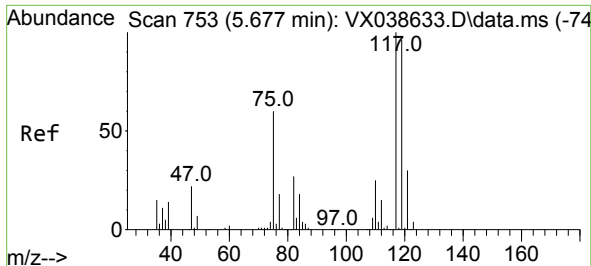
Tgt Ion:113 Resp: 144226
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 21.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.304 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Tgt Ion: 75 Resp: 16854
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#

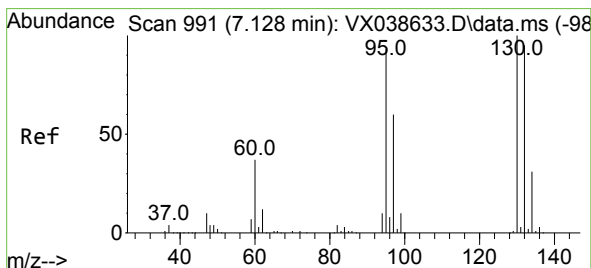
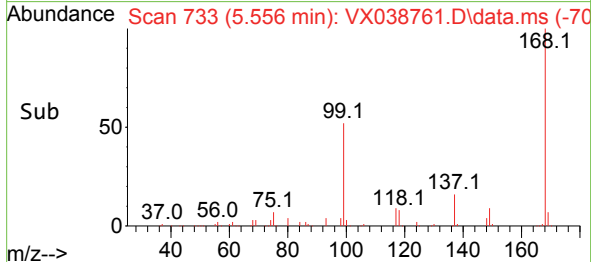
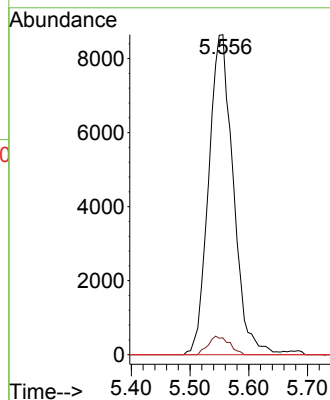
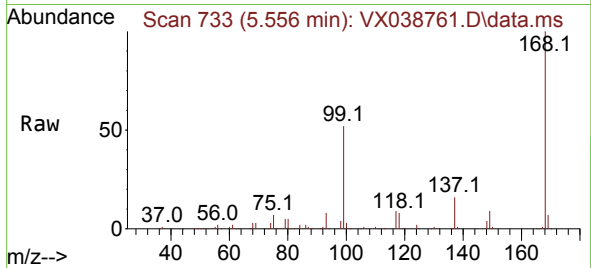




#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

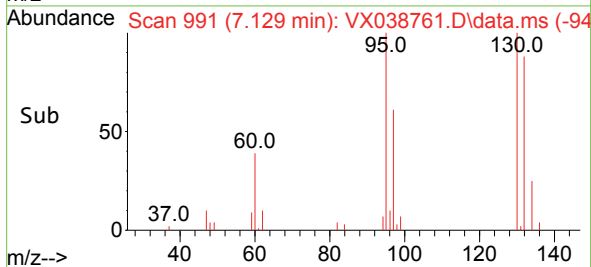
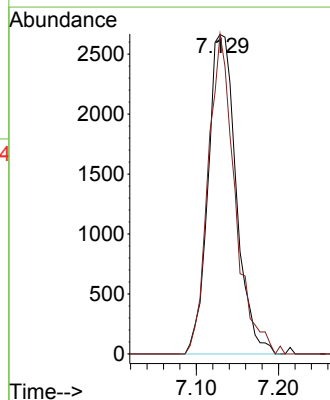
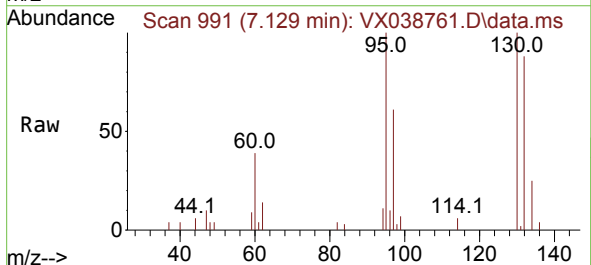
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231107

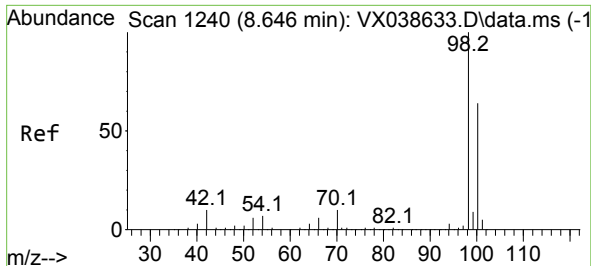
Tgt Ion:117 Resp: 25179
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.807 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Tgt Ion:130 Resp: 6342
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.4

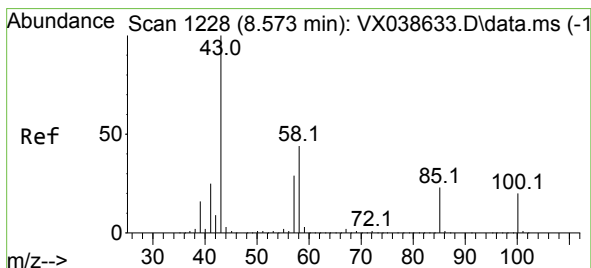
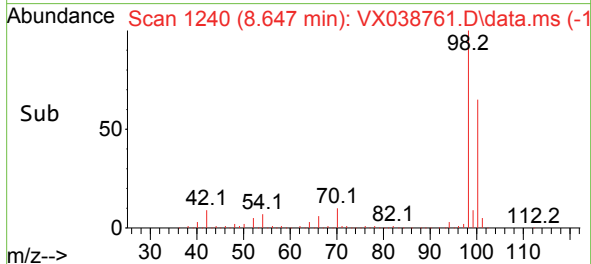
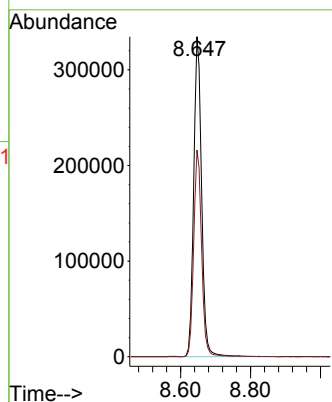
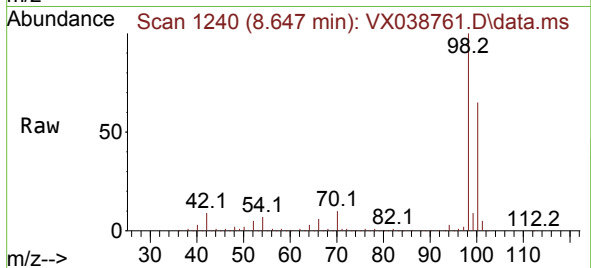




#50
Toluene-d8
Concen: 46.422 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

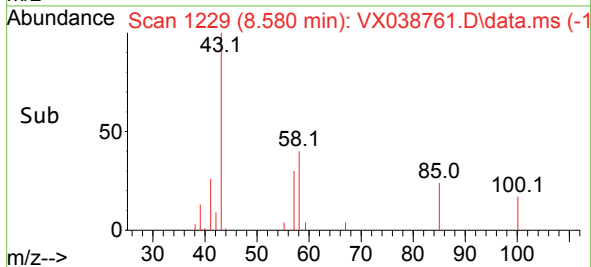
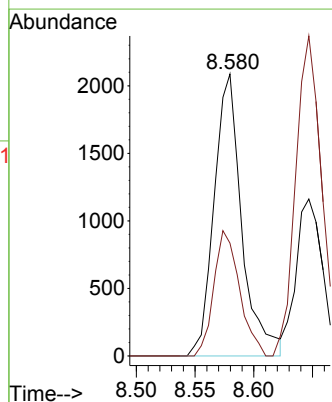
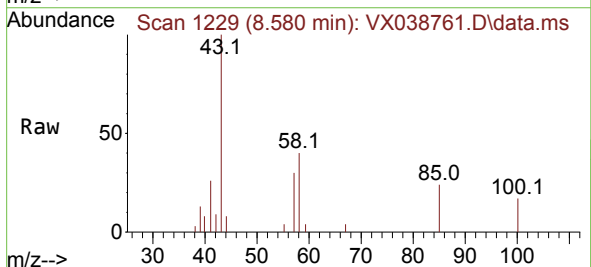
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231107

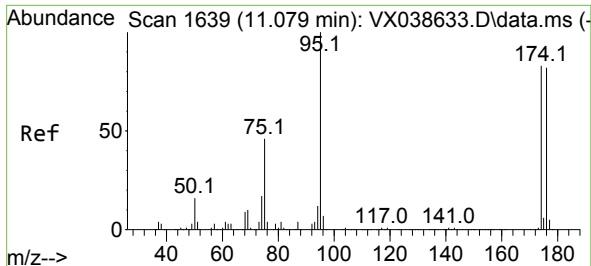
Tgt Ion: 98 Resp: 523685
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.853 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
58 41.4 30.4 45.6

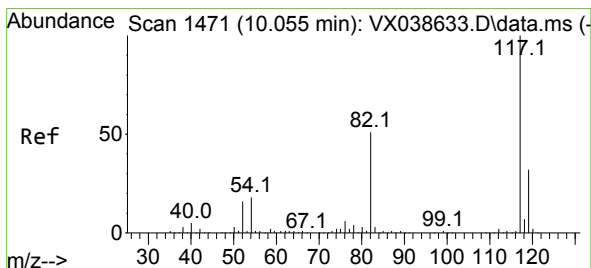
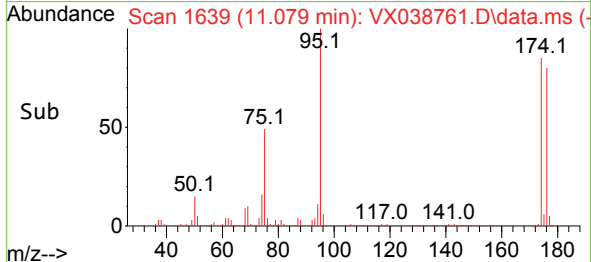
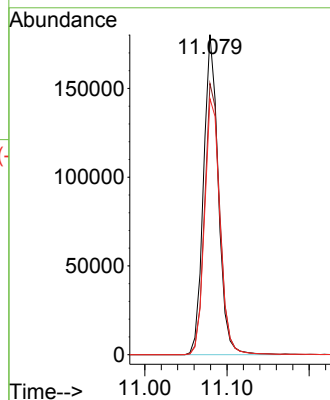
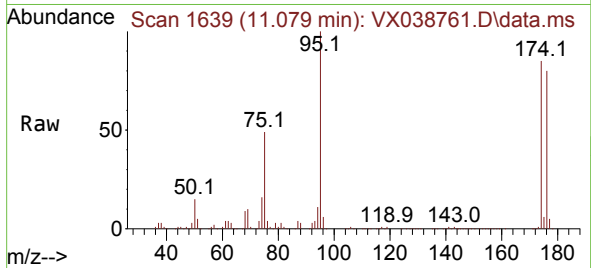




#62
4-Bromofluorobenzene
Concen: 51.390 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

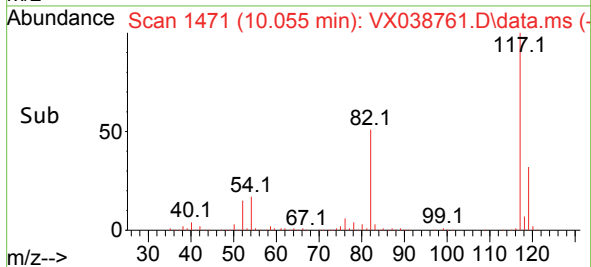
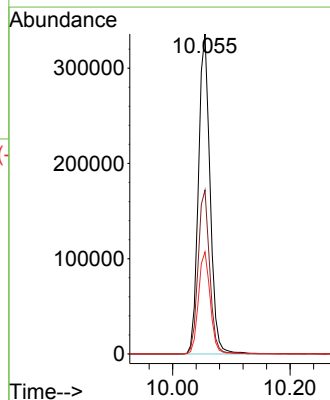
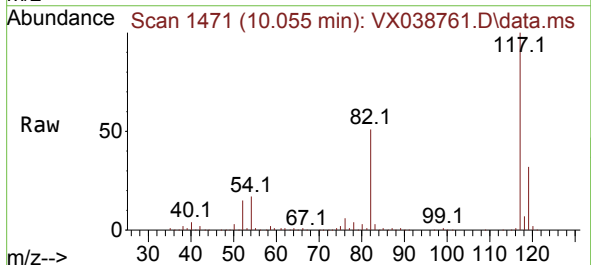
Instrument :
MSVOA_X
ClientSampleId :
TB01-20231107

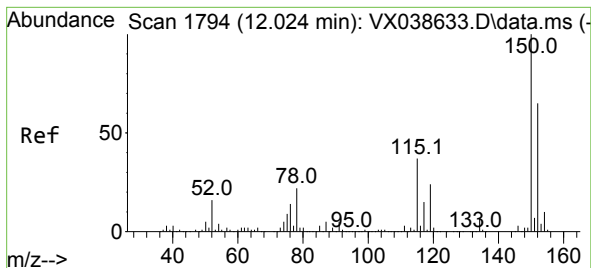
Tgt Ion: 95 Resp: 224772
Ion Ratio Lower Upper
95 100
174 88.0 0.0 135.6
176 84.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038761.D
Acq: 11 Nov 2023 05:55

Tgt Ion: 117 Resp: 461320
Ion Ratio Lower Upper
117 100
82 51.2 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038761.D

Acq: 11 Nov 2023 05:55

Instrument :

MSVOA_X

ClientSampleId :

TB01-20231107

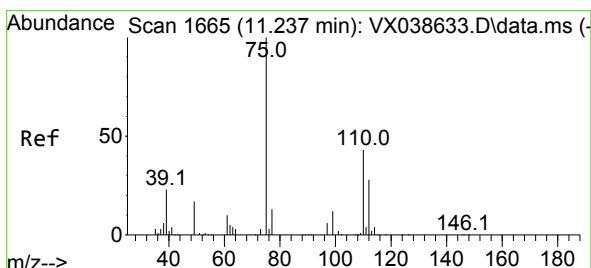
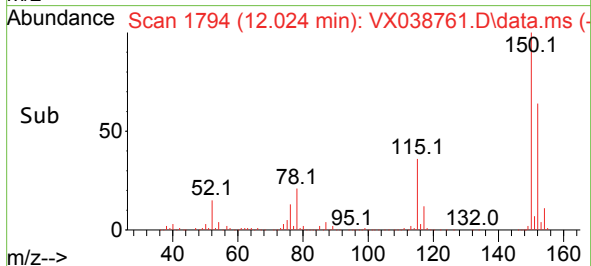
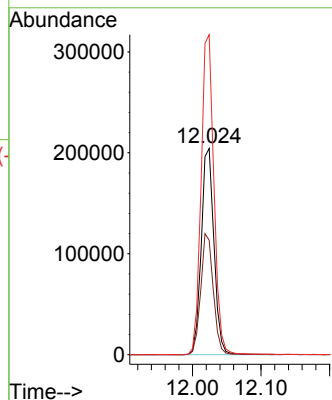
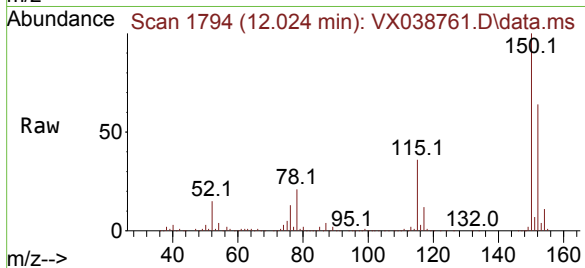
Tgt Ion:152 Resp: 264832

Ion Ratio Lower Upper

152 100

115 58.0 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.846 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038761.D

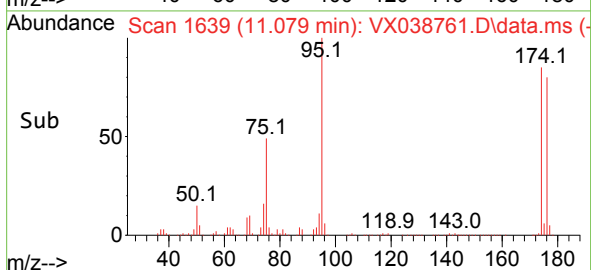
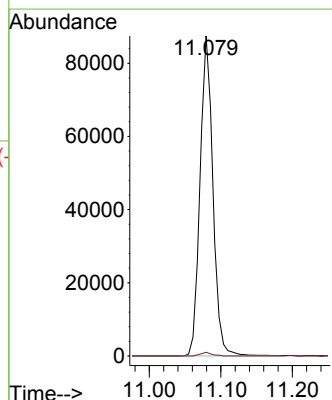
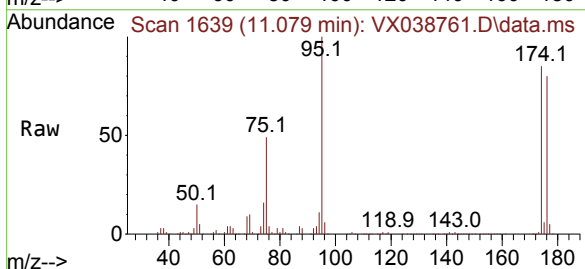
Acq: 11 Nov 2023 05:55

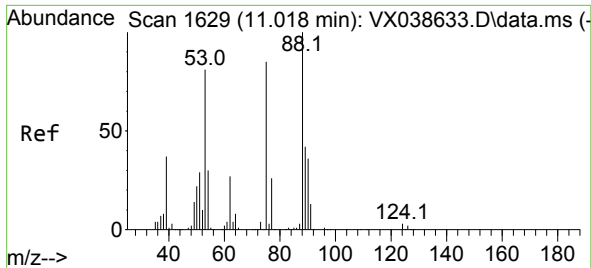
Tgt Ion: 75 Resp: 109336

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.418 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038761.D
 Acq: 11 Nov 2023 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20231107

Tgt Ion: 75 Resp: 109336
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

