

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038958.D
 Acq On : 20 Nov 2023 15:04
 Operator : JC/MD
 Sample : 05428-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20231113

Quant Time: Nov 21 00:20:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

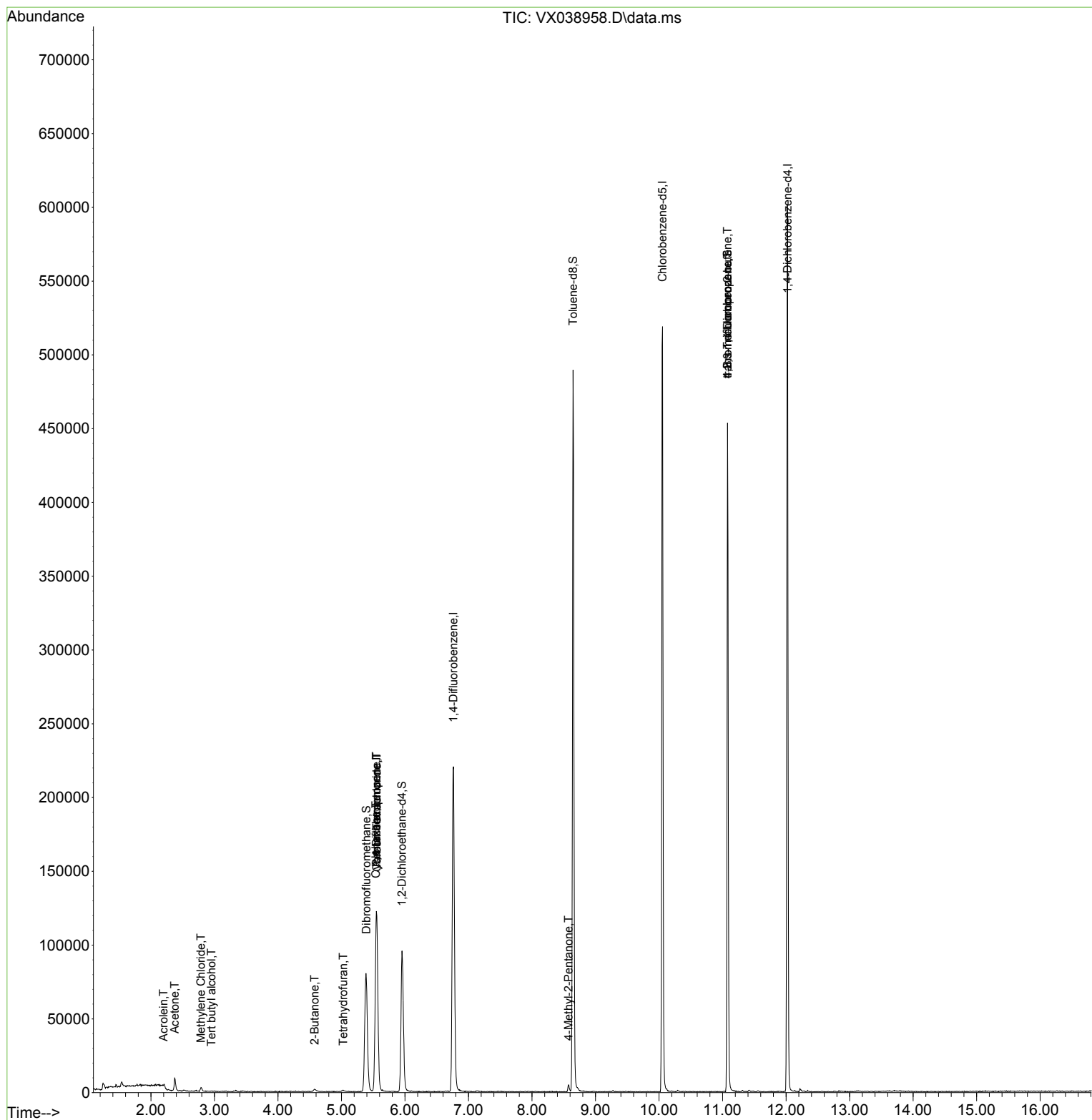
Internal Standards						
1) Pentafluorobenzene	5.550	168	109700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89249	50.490	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.980%		
35) Dibromofluoromethane	5.391	113	72396	44.411	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 88.820%		
50) Toluene-d8	8.647	98	286649	45.959	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 91.920%#		
62) 4-Bromofluorobenzene	11.079	95	127326	50.997	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.000%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	133	0.271	ug/l #	74
13) Acrolein	2.197	56	332	1.276	ug/l #	60
16) Acetone	2.374	43	8717	9.264	ug/l #	79
20) Methylene Chloride	2.788	84	1328	0.783	ug/l	97
25) 2-Butanone	4.574	43	3370	2.208	ug/l	95
29) Tetrahydrofuran	5.026	42	977	1.008	ug/l #	66
31) Cyclohexane	5.544	56	3248	1.287	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10325	4.419	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12490	5.784	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	3447	1.109	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	67004	22.185	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	67004	49.208	ug/l #	5

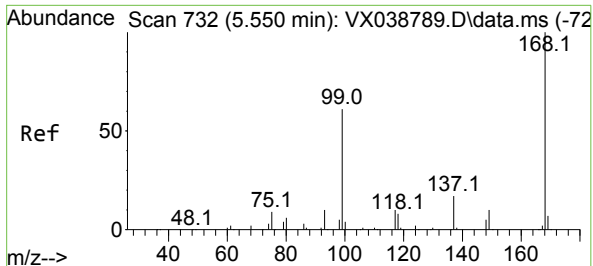
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
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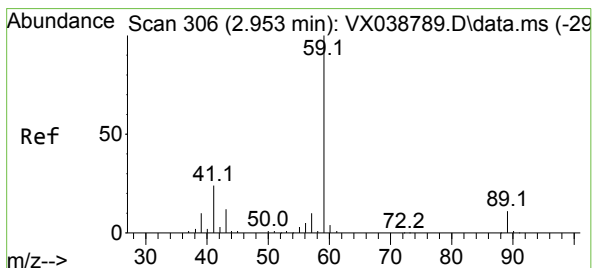
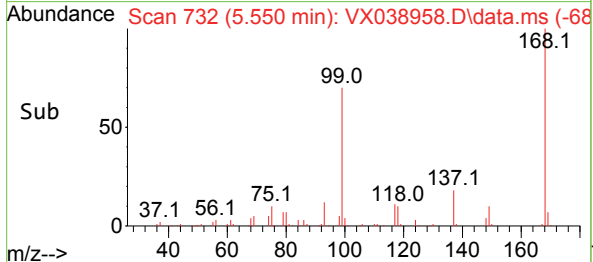
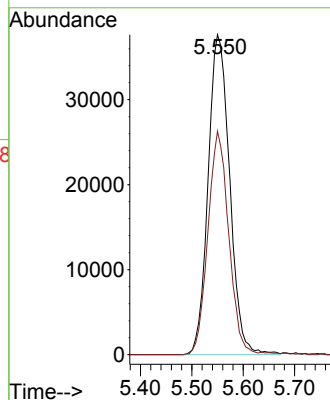
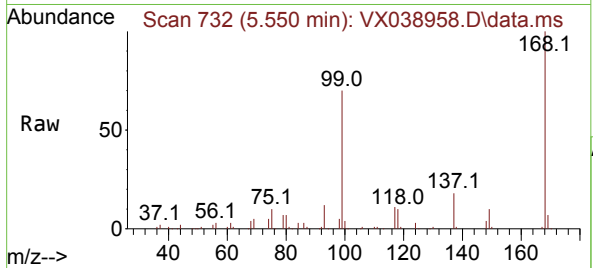




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

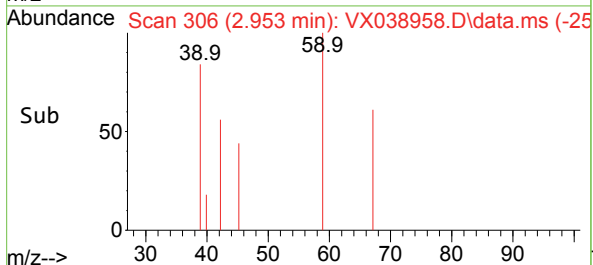
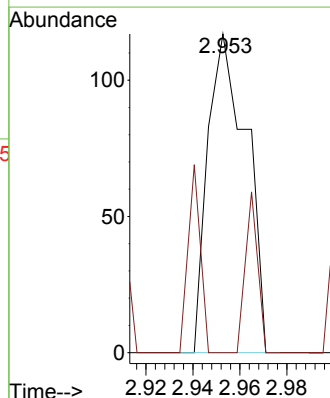
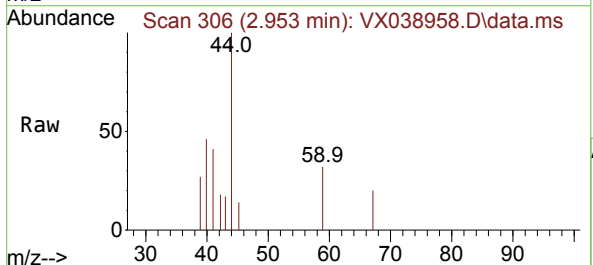
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

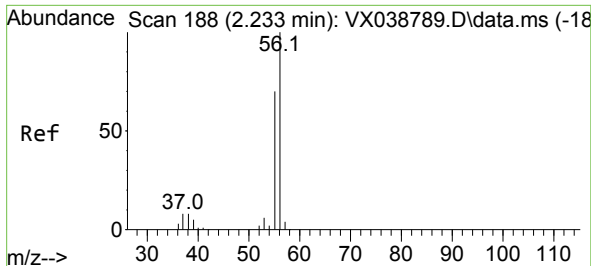
Tgt Ion:168 Resp: 109700
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.271 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 16.5 6.0 9.0#





#13

Acrolein

Concen: 1.276 ug/l

RT: 2.197 min Scan# 11

Delta R.T. -0.036 min

Lab File: VX038958.D

Acq: 20 Nov 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

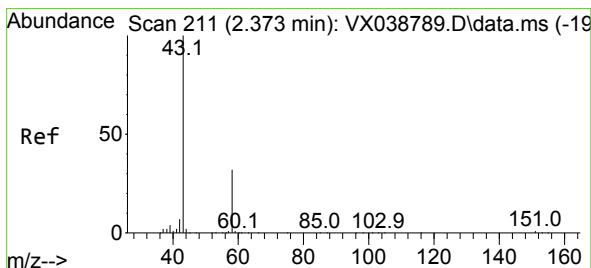
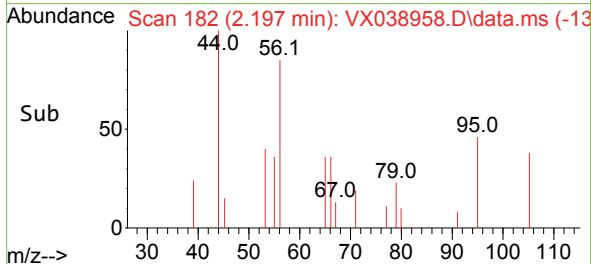
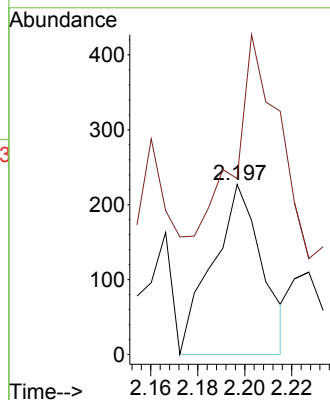
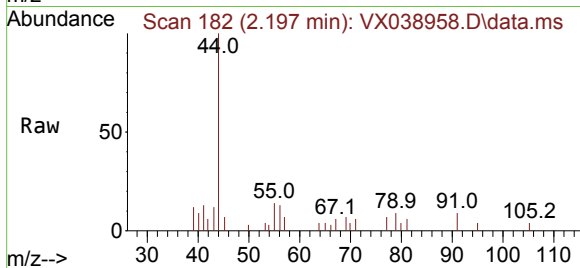
TB04-20231113

Tgt Ion: 56 Resp: 332

Ion Ratio Lower Upper

56 100

55 104.2 57.1 85.7#



#16

Acetone

Concen: 9.264 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX038958.D

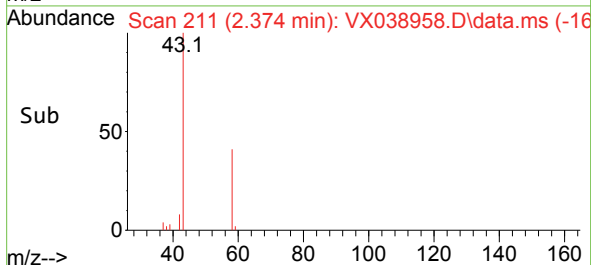
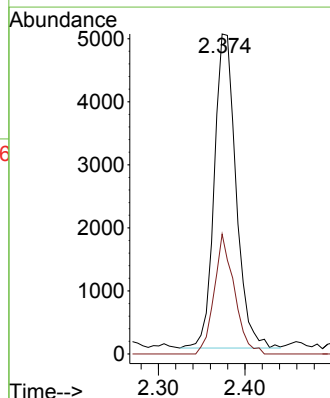
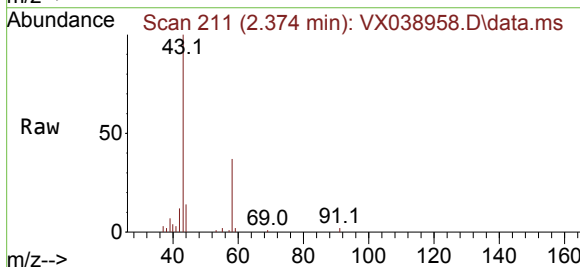
Acq: 20 Nov 2023 15:04

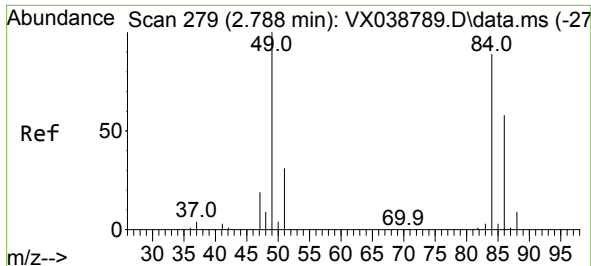
Tgt Ion: 43 Resp: 8717

Ion Ratio Lower Upper

43 100

58 38.2 21.9 32.9#

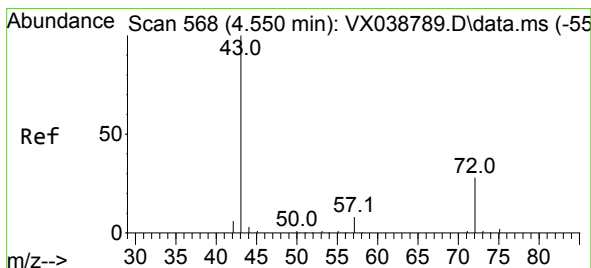
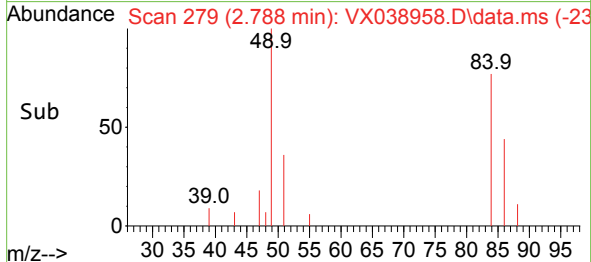
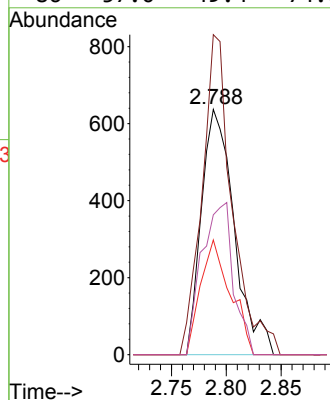
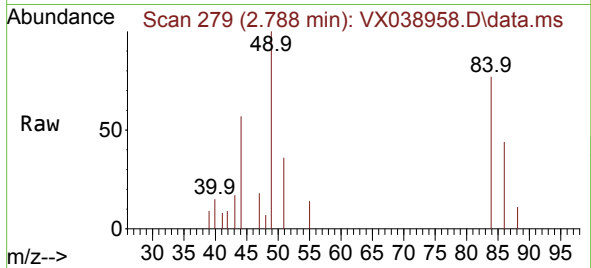




#20
Methylene Chloride
Concen: 0.783 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

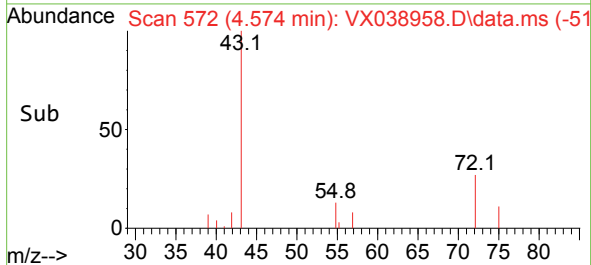
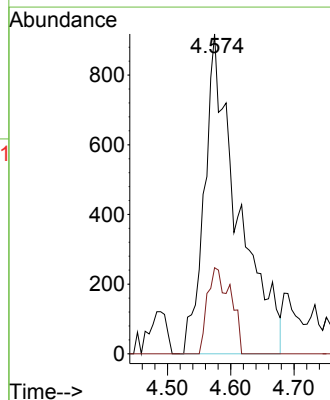
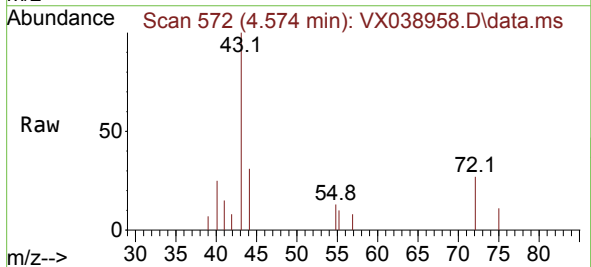
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

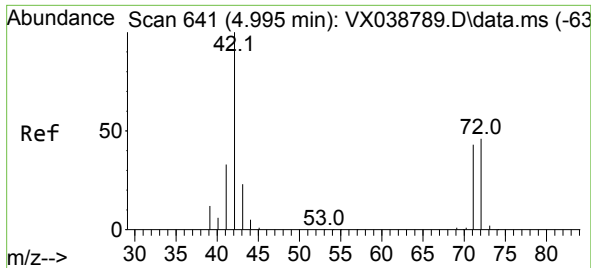
Tgt Ion: 84	Resp: 1328
Ion Ratio	Lower Upper
84 100	
49 130.5	103.6 155.4
51 46.8	33.8 50.6
86 57.0	49.4 74.0



#25
2-Butanone
Concen: 2.208 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.025 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion: 43	Resp: 3370		
Ion Ratio	Lower	Upper	
43 100			
72 26.9	19.4	29.2	





#29

Tetrahydrofuran

Concen: 1.008 ug/l

RT: 5.026 min Scan# 641

Delta R.T. 0.031 min

Lab File: VX038958.D

Acq: 20 Nov 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

TB04-20231113

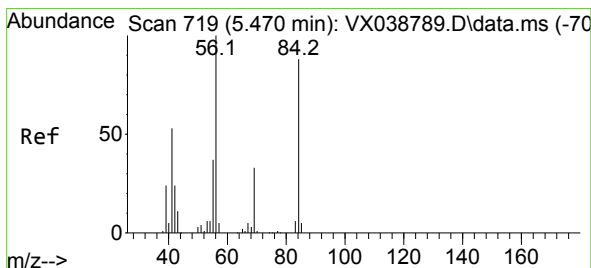
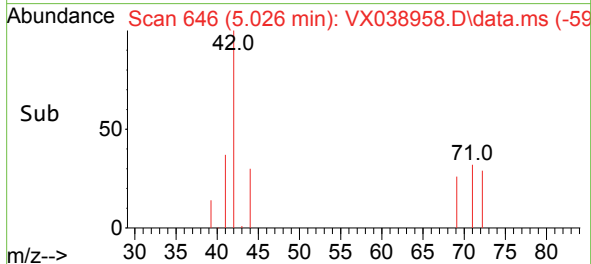
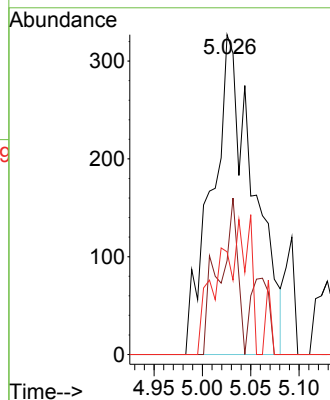
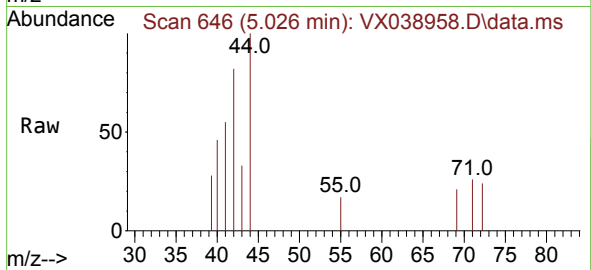
Tgt Ion: 42 Resp: 977

Ion Ratio Lower Upper

42 100

72 22.1 34.2 51.4#

71 18.3 32.2 48.2#



#31

Cyclohexane

Concen: 1.287 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038958.D

Acq: 20 Nov 2023 15:04

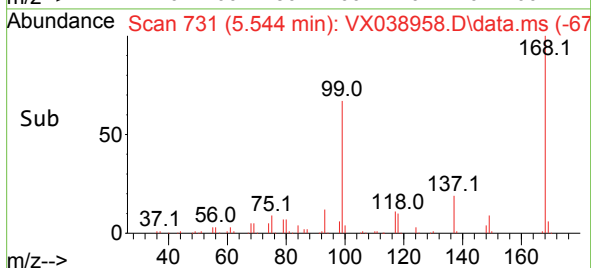
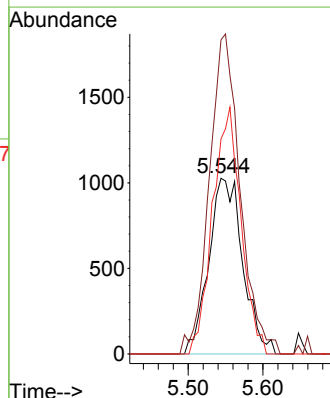
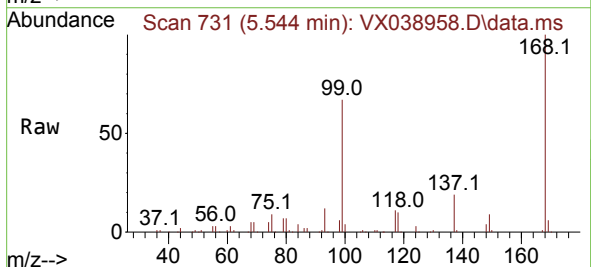
Tgt Ion: 56 Resp: 3248

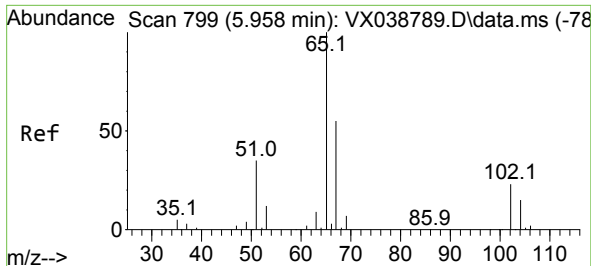
Ion Ratio Lower Upper

56 100

69 178.7 23.4 35.2#

84 122.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.490 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038958.D

Acq: 20 Nov 2023 15:04

Instrument :

MSVOA_X

ClientSampleId :

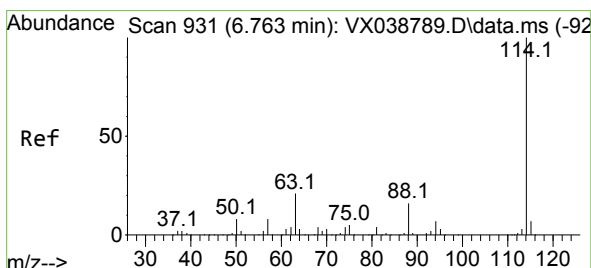
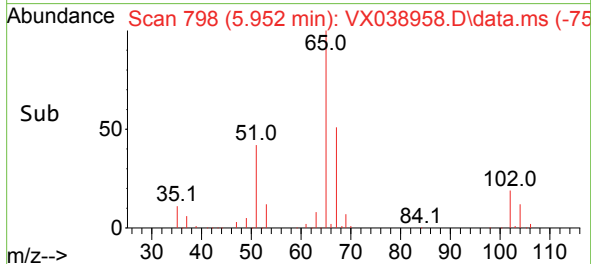
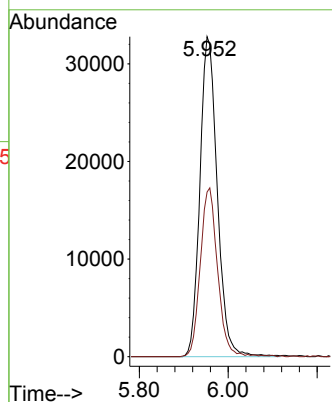
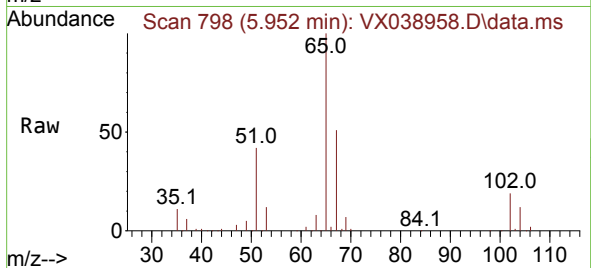
TB04-20231113

Tgt Ion: 65 Resp: 89249

Ion Ratio Lower Upper

65 100

67 52.4 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: VX038958.D

Acq: 20 Nov 2023 15:04

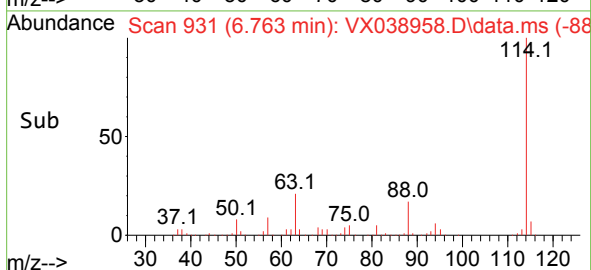
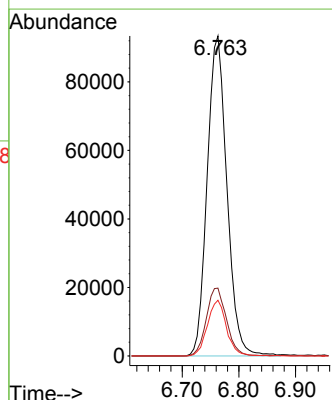
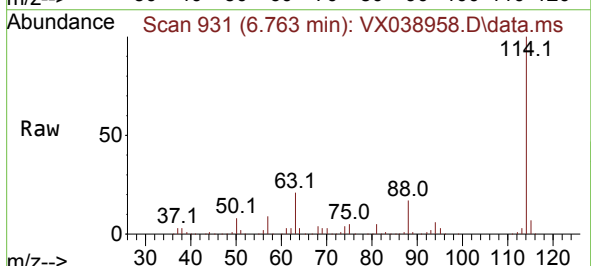
Tgt Ion:114 Resp: 225713

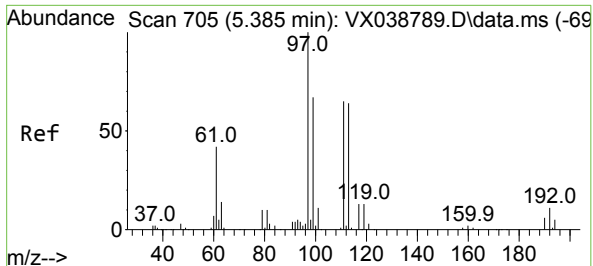
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 17.4 0.0 36.6

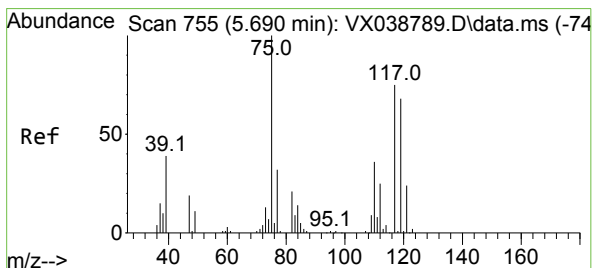
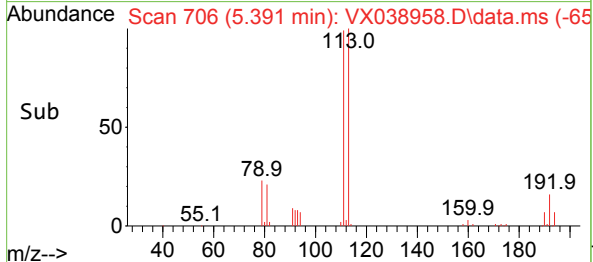
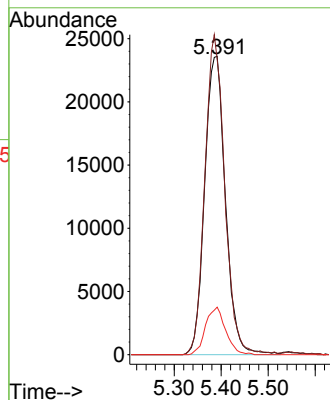
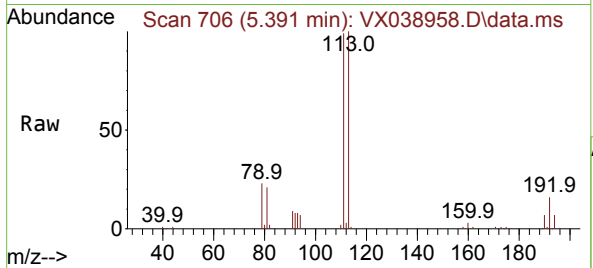




#35
Dibromofluoromethane
Concen: 44.411 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

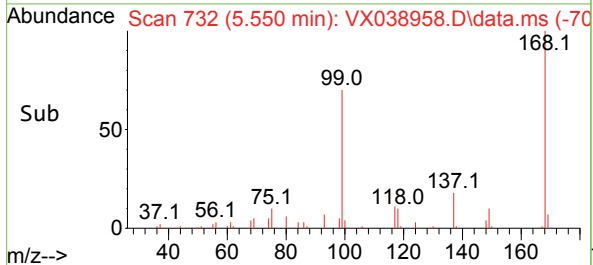
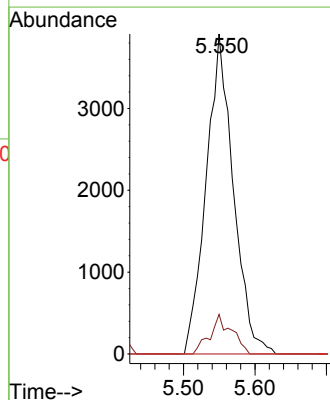
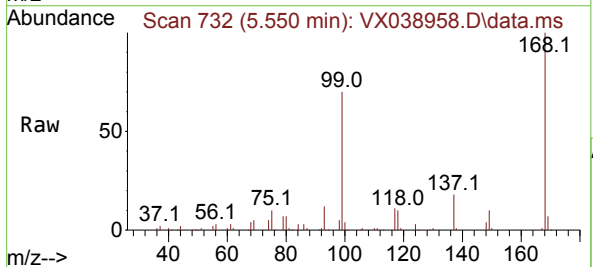
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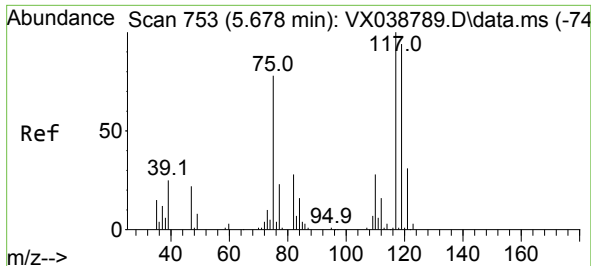
Tgt Ion:113 Resp: 72396
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 15.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion: 75 Resp: 10325
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#

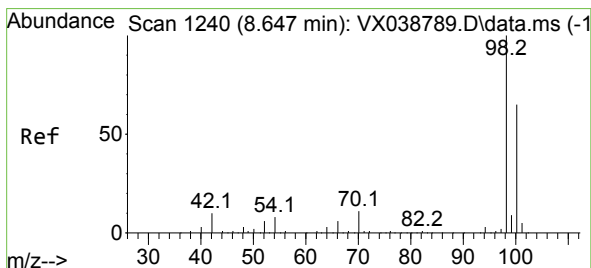
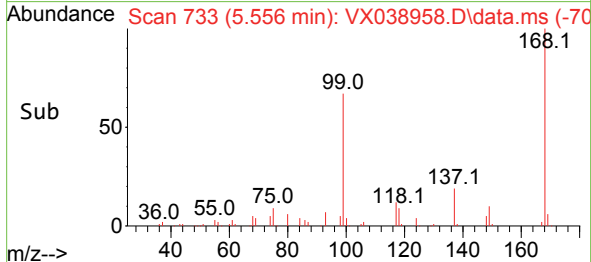
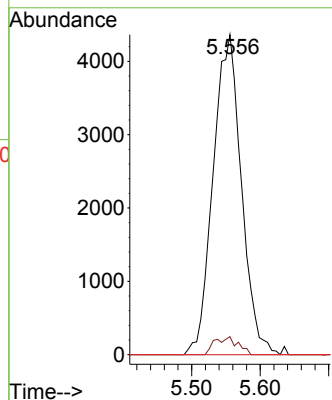
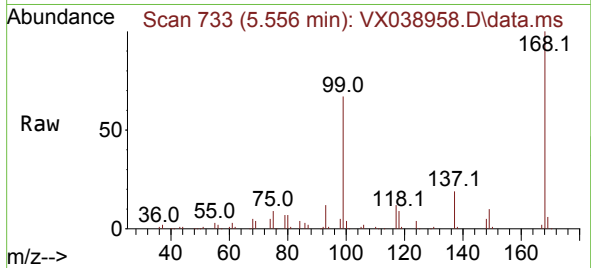




#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

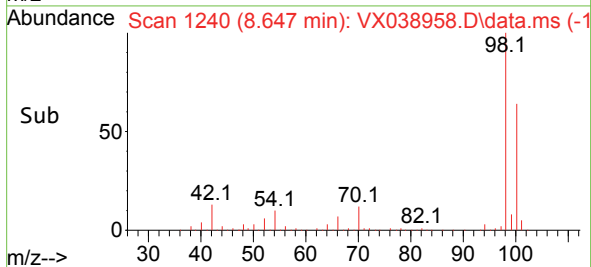
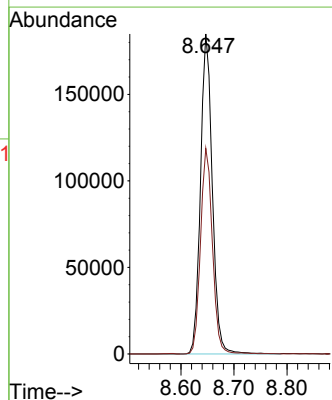
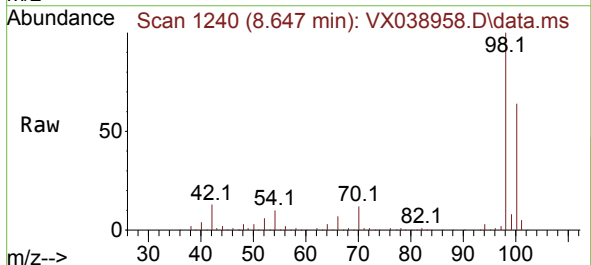
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

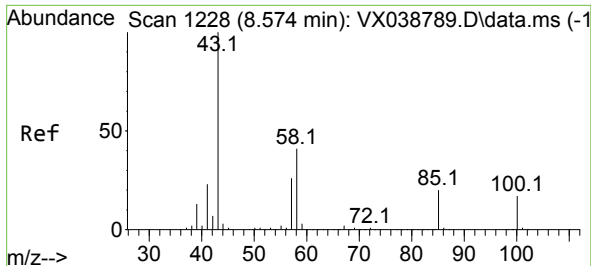
Tgt Ion:117 Resp: 12490
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.959 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion: 98 Resp: 286649
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

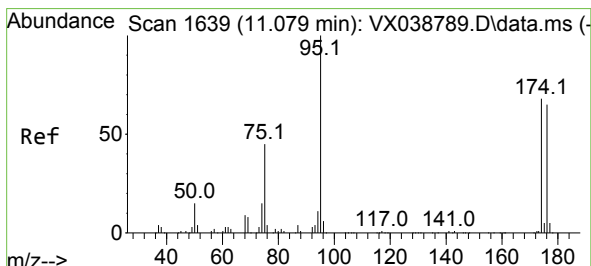
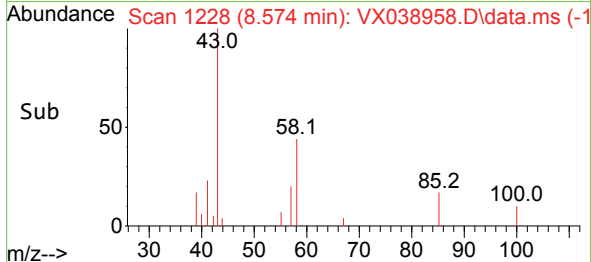
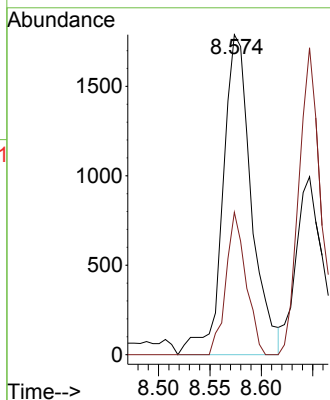
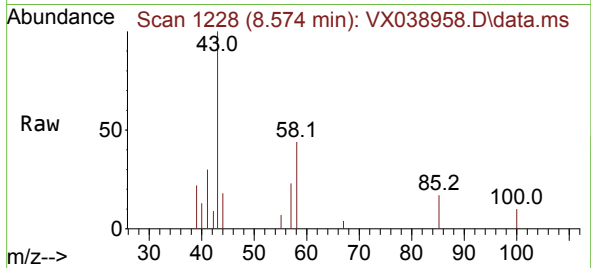




#51
4-Methyl-2-Pentanone
Concen: 1.109 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

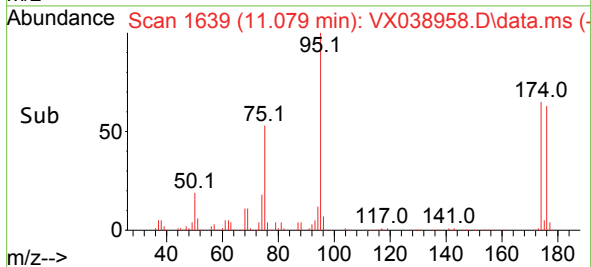
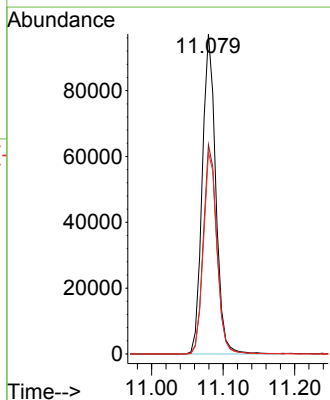
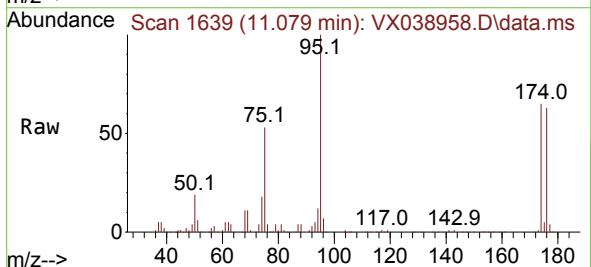
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

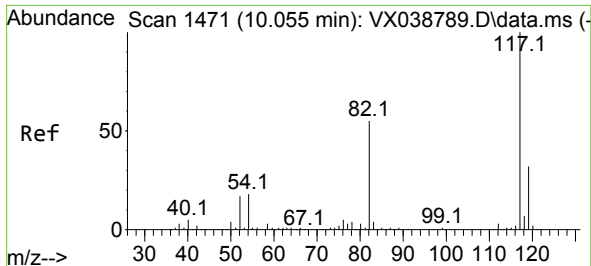
Tgt Ion: 43 Resp: 3447
Ion Ratio Lower Upper
43 100
58 31.2 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 50.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion: 95 Resp: 127326
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.6
176 63.4 0.0 131.0

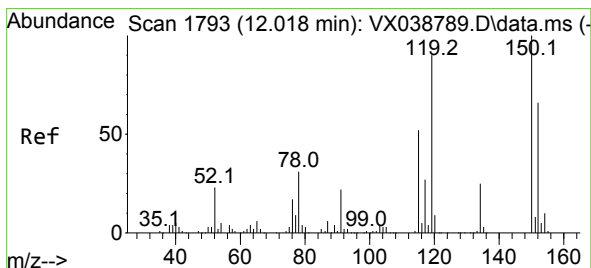
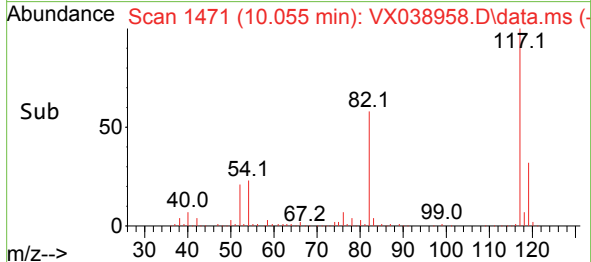
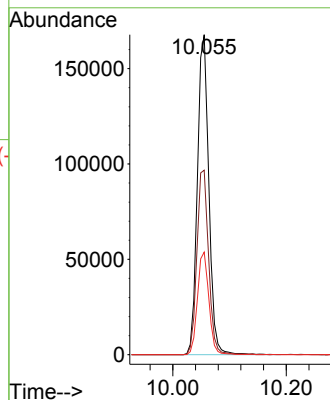
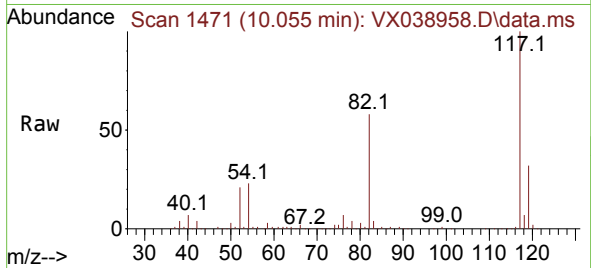




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

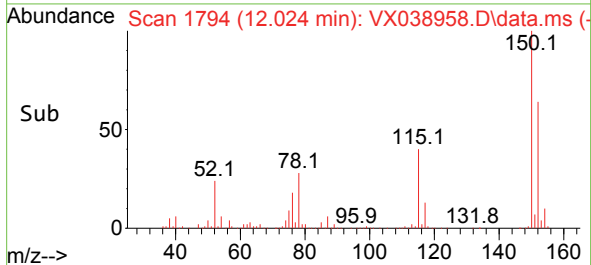
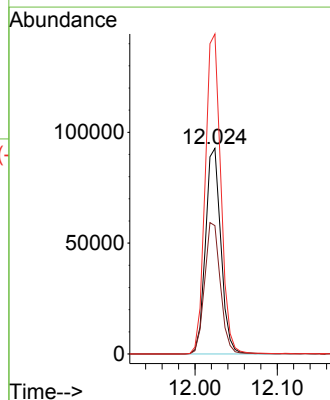
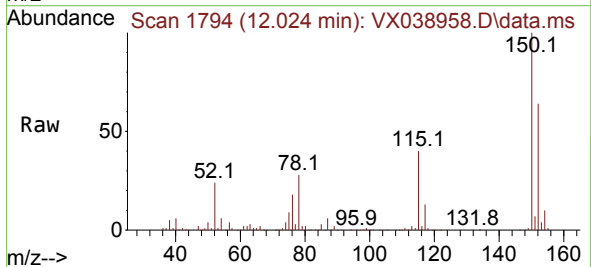
Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

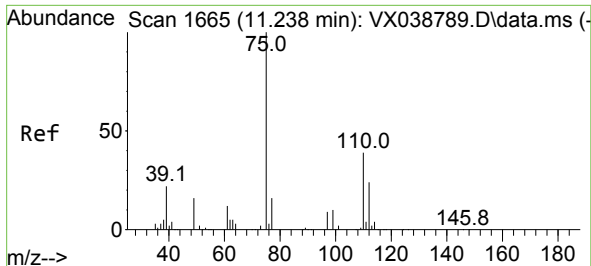
Tgt Ion:117 Resp: 234548
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion:152 Resp: 121054
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 157.4 0.0 345.0

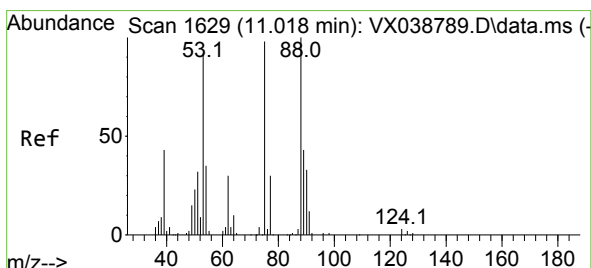
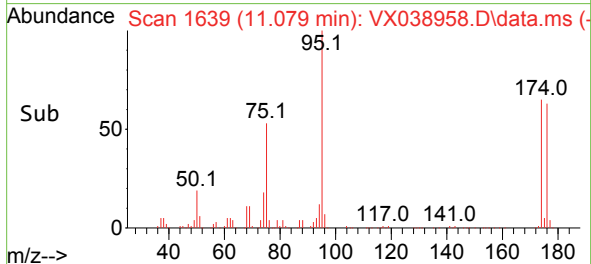
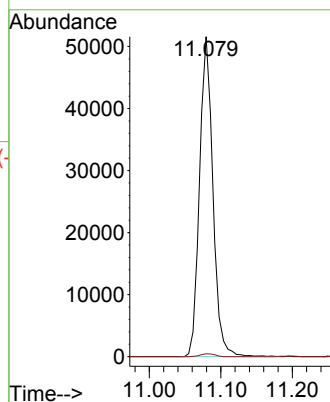
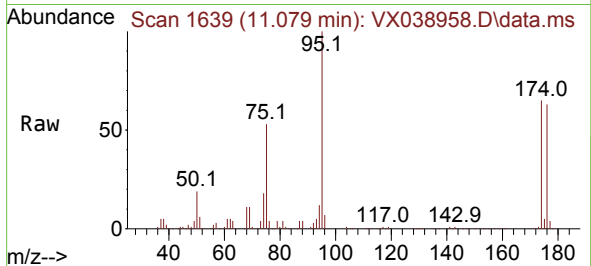




#76
1,2,3-Trichloropropane
Concen: 22.185 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Instrument :
MSVOA_X
ClientSampleId :
TB04-20231113

Tgt Ion: 75 Resp: 67004
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038958.D
Acq: 20 Nov 2023 15:04

Tgt Ion: 75 Resp: 67004
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

