

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038755.D
 Acq On : 11 Nov 2023 03:37
 Operator : JC/MD
 Sample : 05350-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20231107

Quant Time: Nov 11 05:08:17 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)

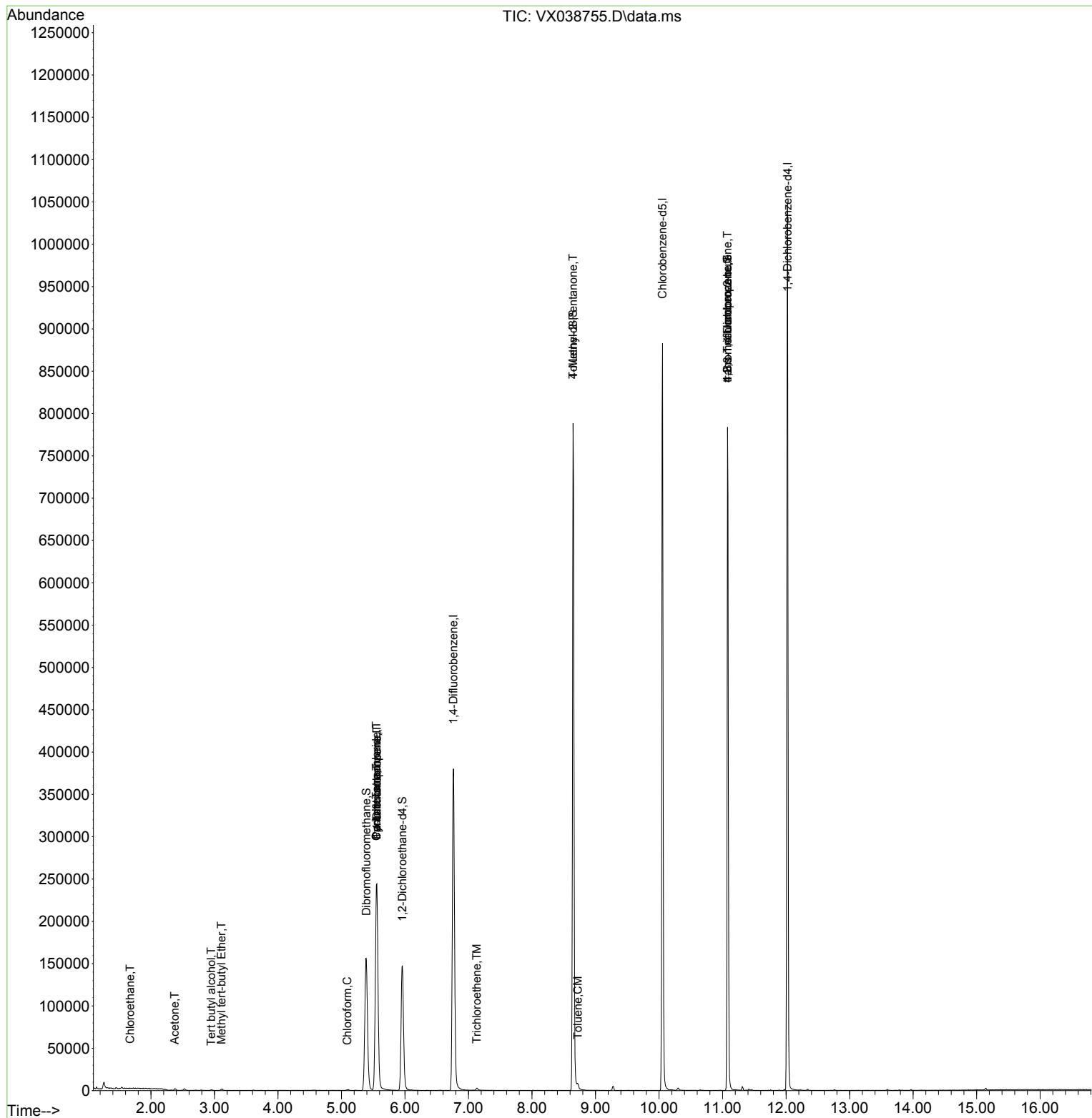
Internal Standards						
1) Pentafluorobenzene	5.556	168	258783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	430161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	255193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148821	46.192	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.380%
35) Dibromofluoromethane	5.391	113	141960	45.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	8.647	98	506417	45.679	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.360%#
62) 4-Bromofluorobenzene	11.079	95	215226	50.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.140%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	350	0.224	ug/l	# 43
11) Tert butyl alcohol	2.947	59	939	1.426	ug/l	# 78
16) Acetone	2.373	43	2345	1.728	ug/l	# 82
19) Methyl tert-butyl Ether	3.111	73	1918	0.248	ug/l	96
30) Chloroform	5.092	83	1306	0.258	ug/l	# 78
31) Cyclohexane	5.550	56	4144	1.162	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16471	4.280	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	24383	5.667	ug/l	# 14
44) Trichloroethene	7.129	130	1139	0.330	ug/l	80
51) 4-Methyl-2-Pentanone	8.647	43	1774	0.451	ug/l	# 1
52) Toluene	8.720	92	1944	0.268	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	102991	20.378	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	102991	62.151	ug/l	# 5

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

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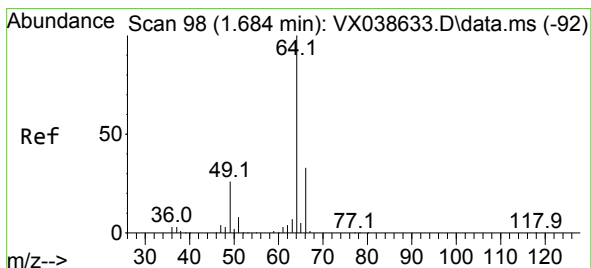
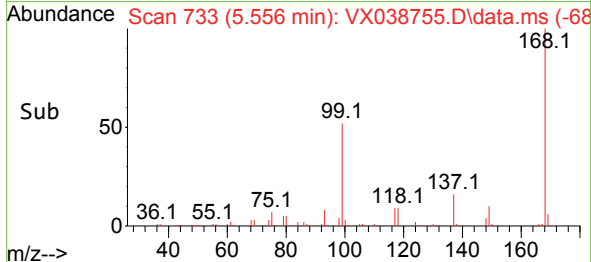
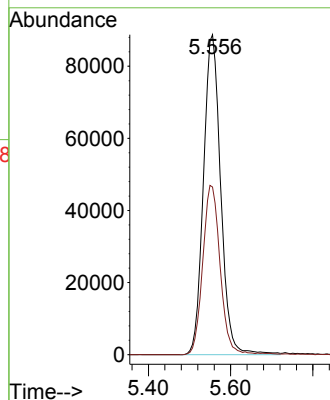
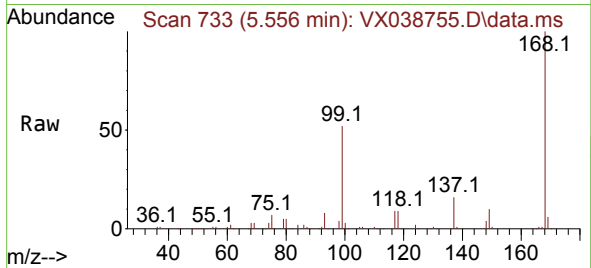




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

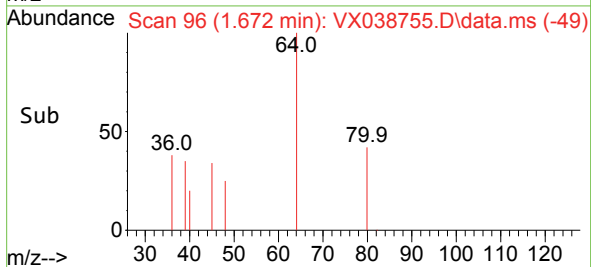
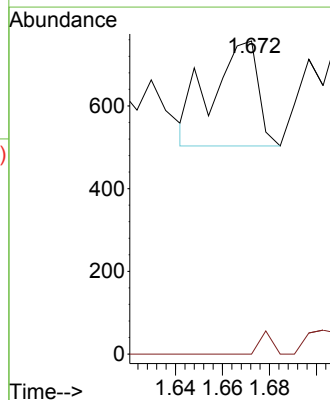
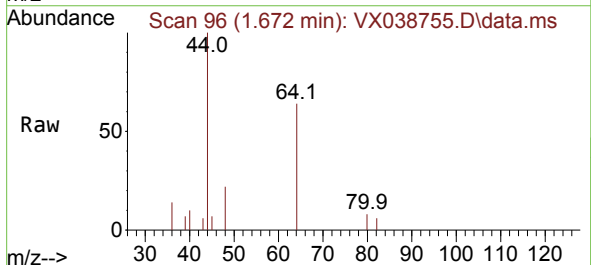
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20231107

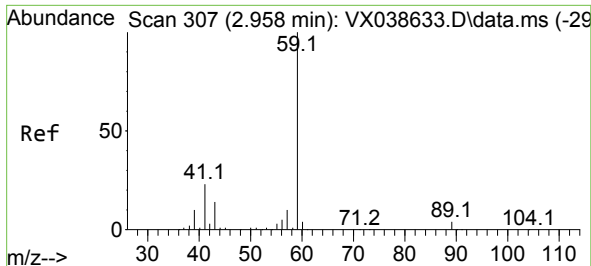
Tgt Ion:168 Resp: 258783
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#6
Chloroethane
Concen: 0.224 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion: 64 Resp: 350
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.426 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX038755.D

Acq: 11 Nov 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

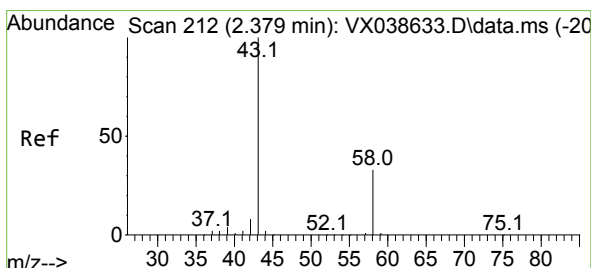
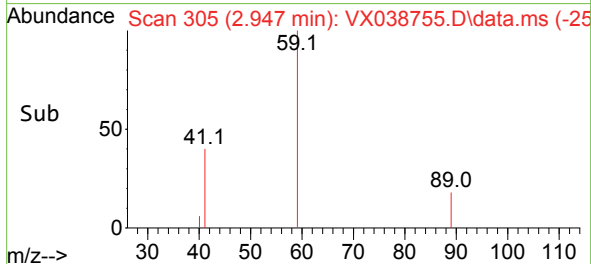
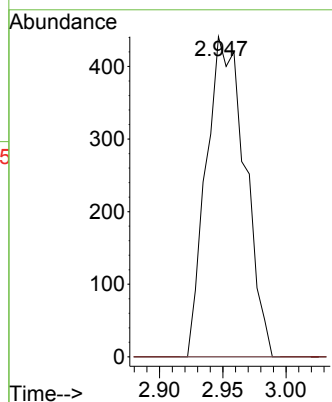
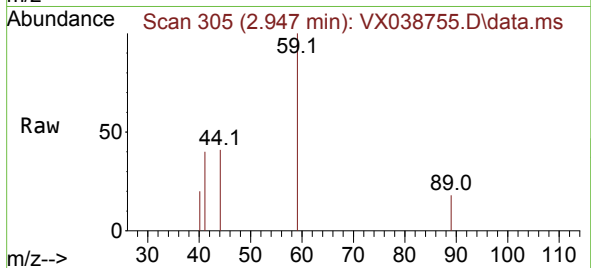
TT15811-20231107

Tgt Ion: 59 Resp: 939

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.728 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX038755.D

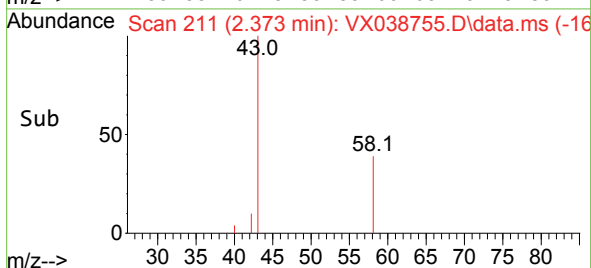
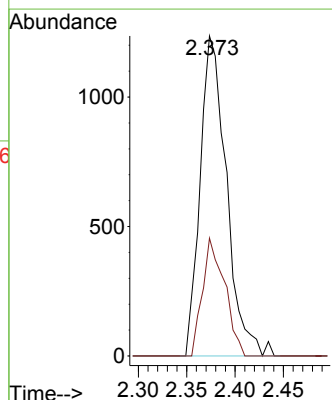
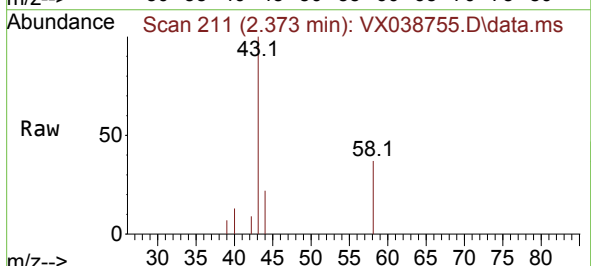
Acq: 11 Nov 2023 03:37

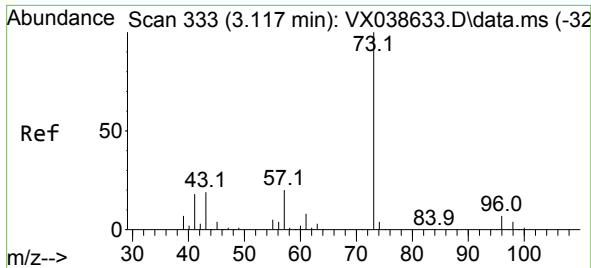
Tgt Ion: 43 Resp: 2345

Ion Ratio Lower Upper

43 100

58 36.8 21.9 32.9#

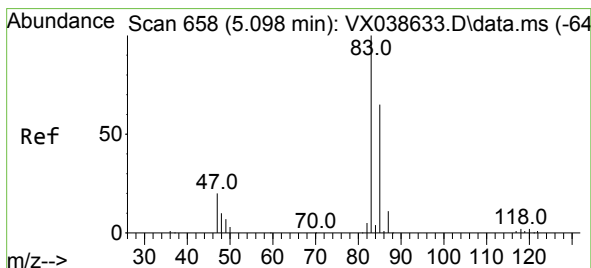
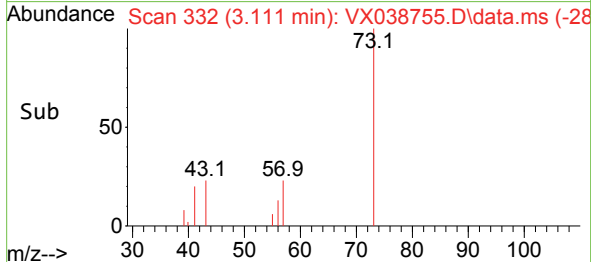
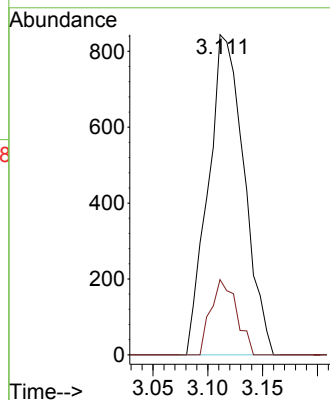
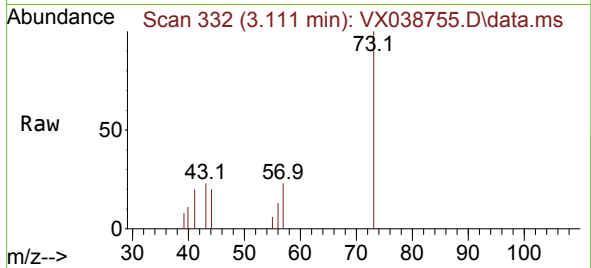




#19
Methyl tert-butyl Ether
Concen: 0.248 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

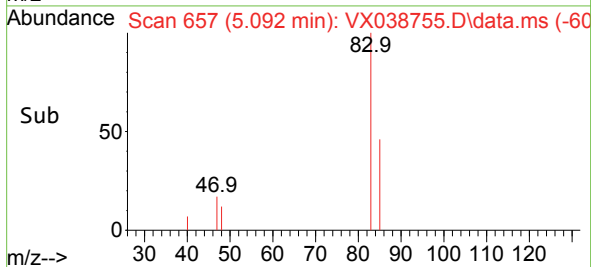
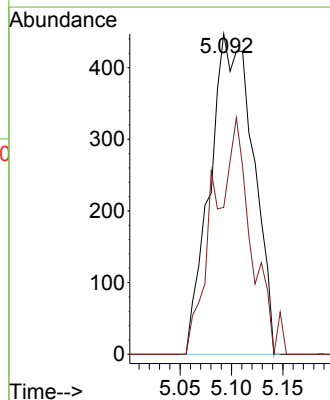
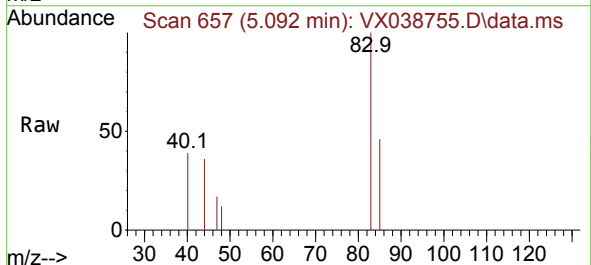
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20231107

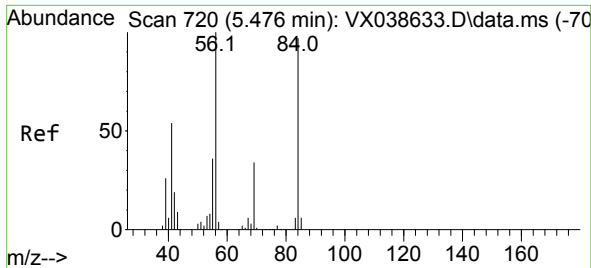
Tgt Ion: 73 Resp: 1918
Ion Ratio Lower Upper
73 100
57 23.5 17.3 25.9



#30
Chloroform
Concen: 0.258 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion: 83 Resp: 1306
Ion Ratio Lower Upper
83 100
85 45.9 50.3 75.5#

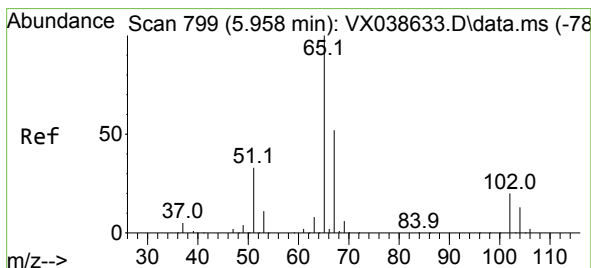
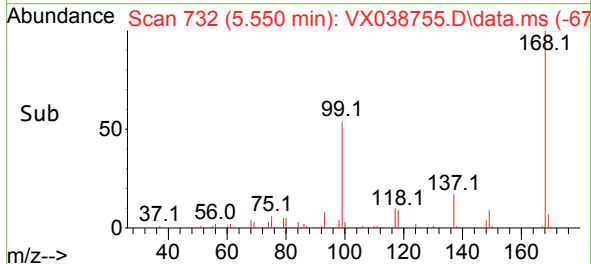
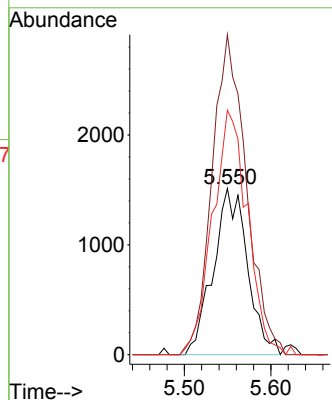
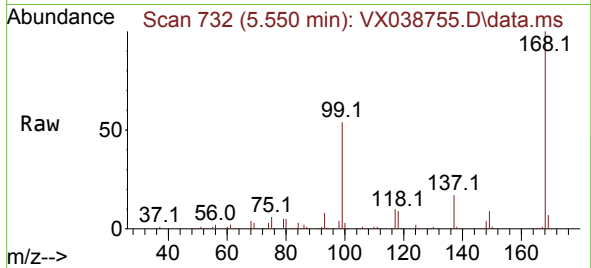




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.550 min Scan# 711
Delta R.T. 0.073 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

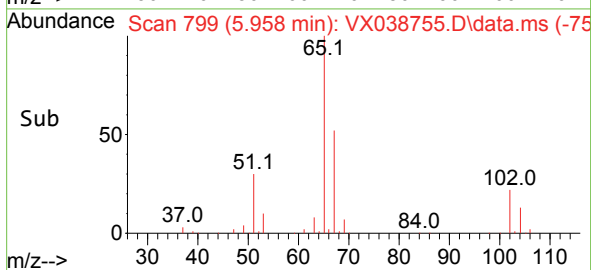
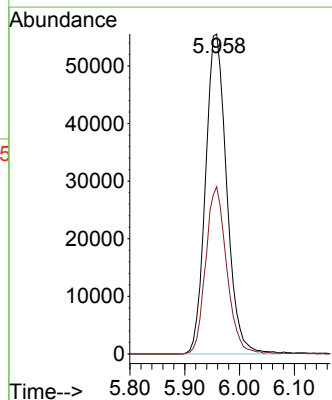
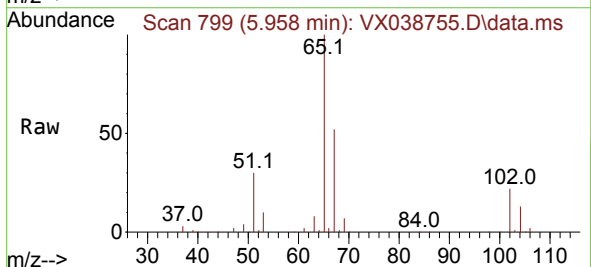
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20231107

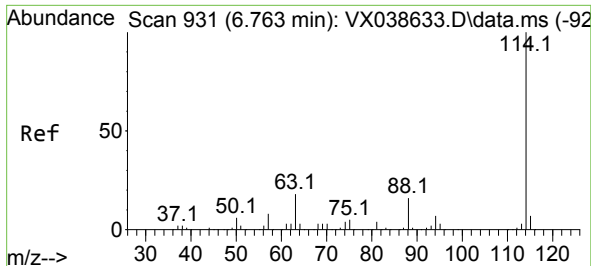
Tgt Ion: 56 Resp: 4144
Ion Ratio Lower Upper
56 100
69 192.5 23.4 35.2#
84 147.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.192 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion: 65 Resp: 148821
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

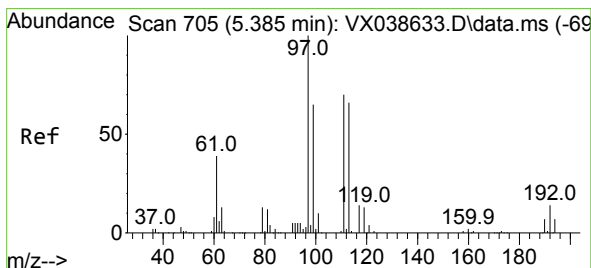
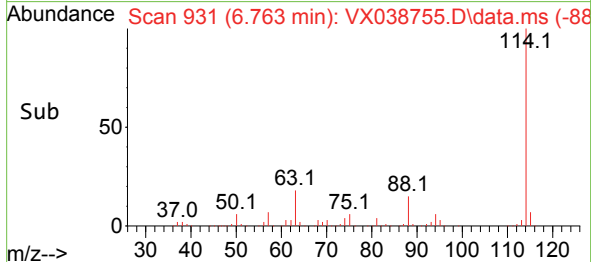
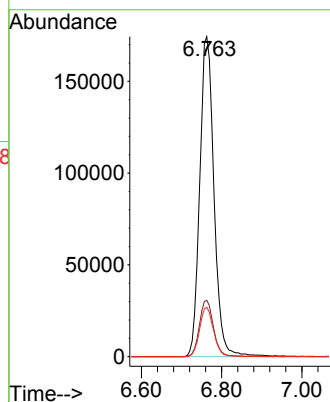
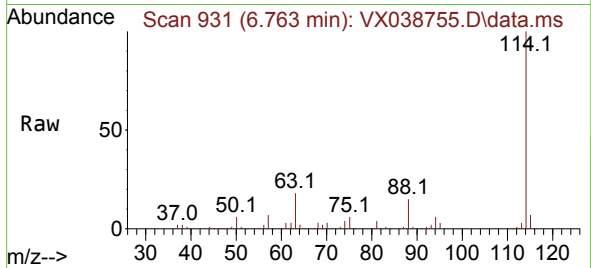




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

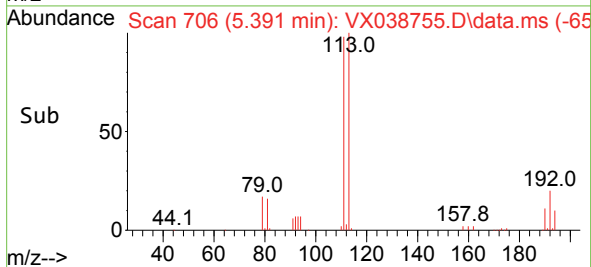
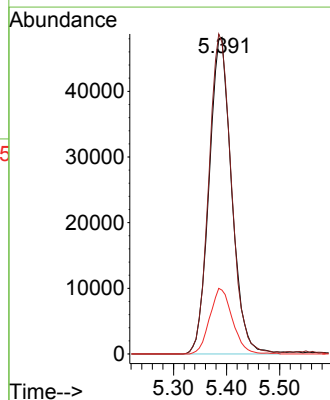
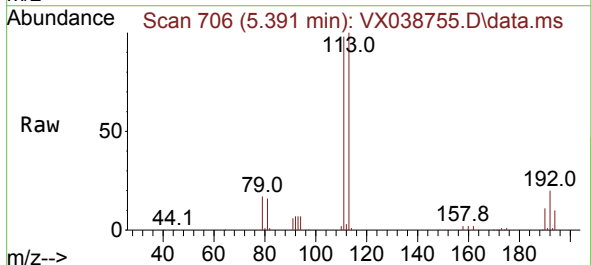
Instrument :
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ClientSampleId :
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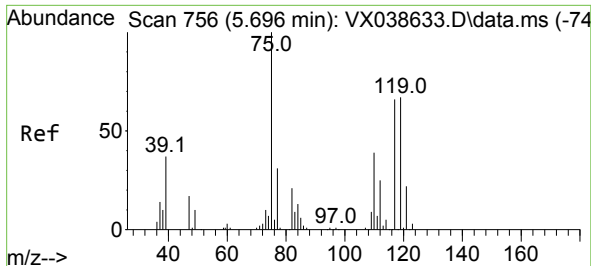
Tgt Ion:114 Resp: 430161
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.821 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion:113 Resp: 141960
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 20.9 13.3 19.9#

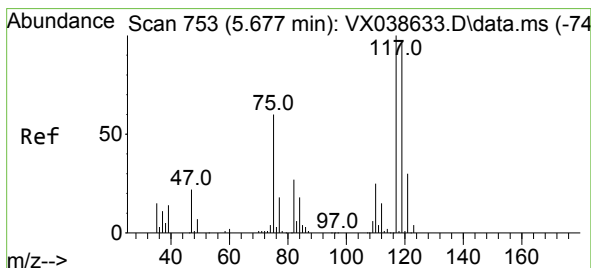
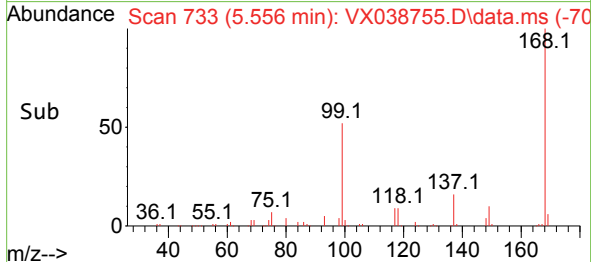
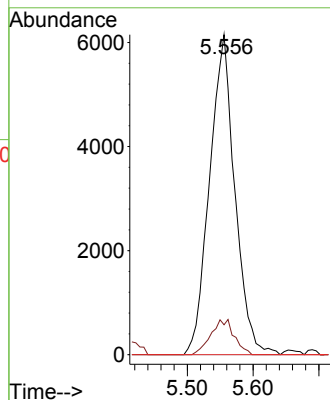
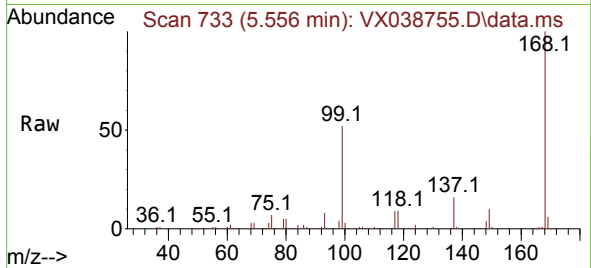




#36
1,1-Dichloropropene
Concen: 4.280 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

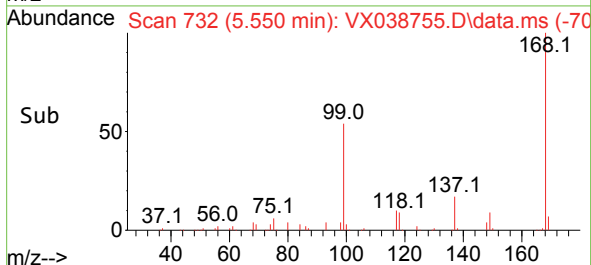
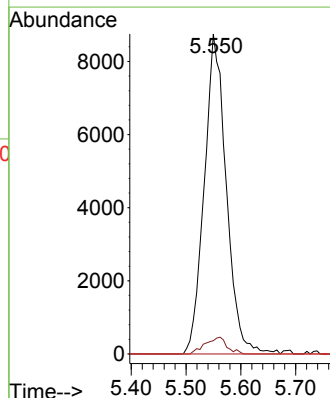
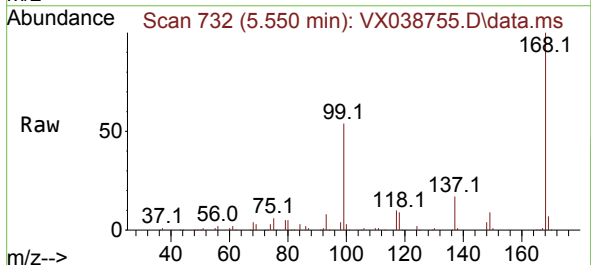
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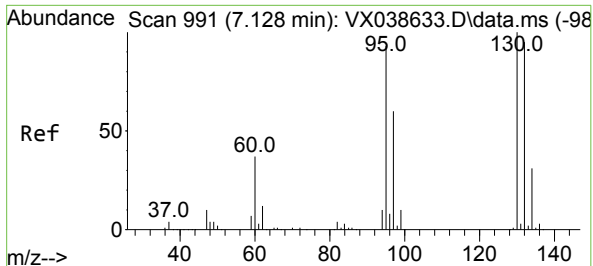
Tgt Ion: 75 Resp: 16471
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion: 117 Resp: 24383
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

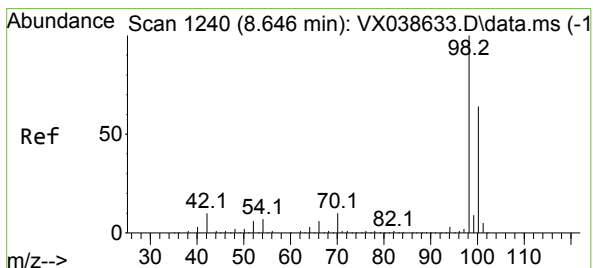
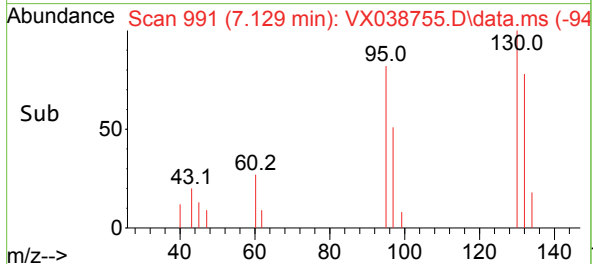
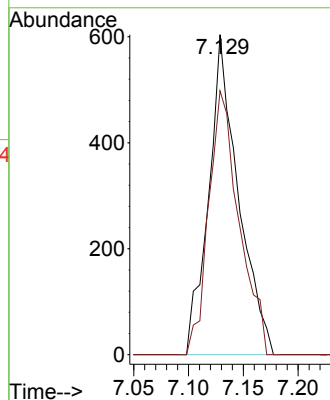
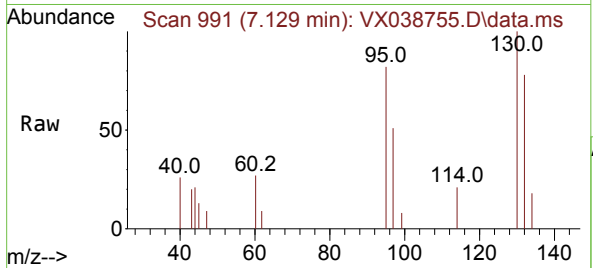




#44
Trichloroethene
Concen: 0.330 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

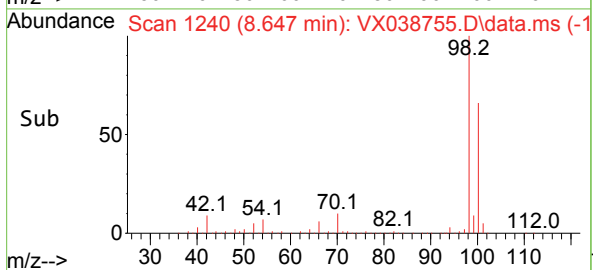
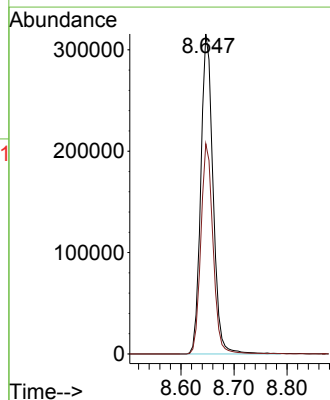
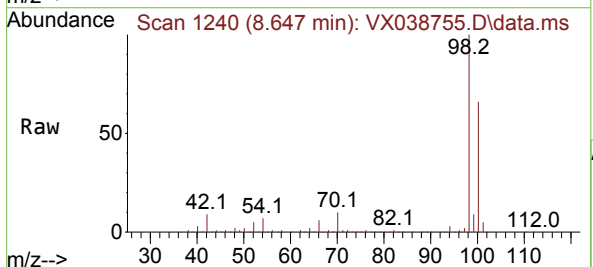
Instrument :
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ClientSampleId :
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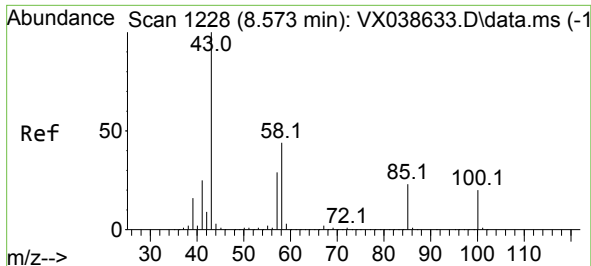
Tgt Ion:130 Resp: 1139
Ion Ratio Lower Upper
130 100
95 82.5 0.0 204.4



#50
Toluene-d8
Concen: 45.679 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion: 98 Resp: 506417
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

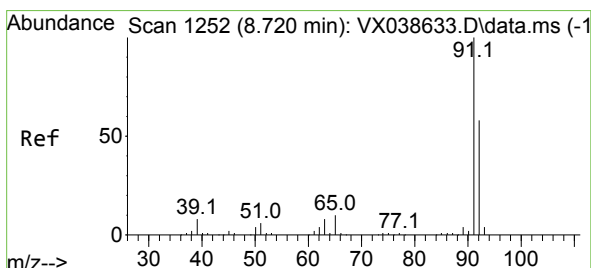
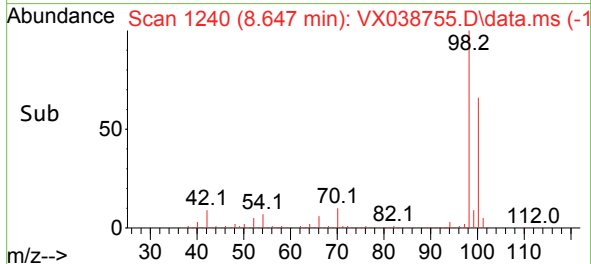
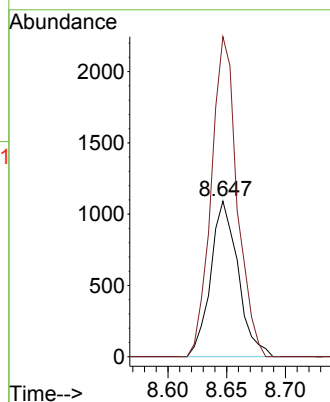
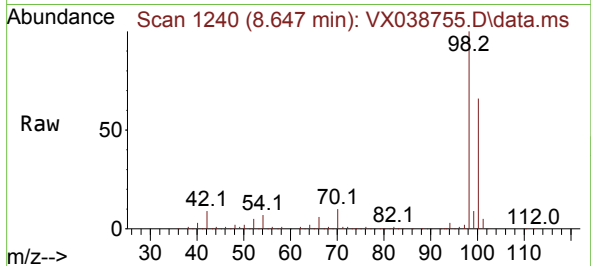




#51
4-Methyl-2-Pentanone
Concen: 0.451 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

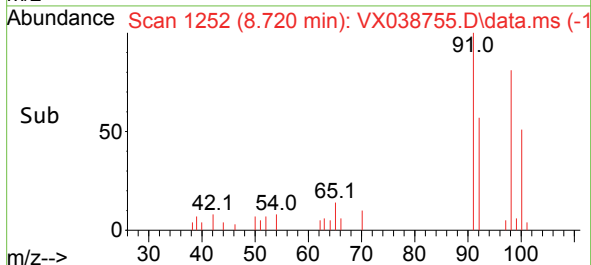
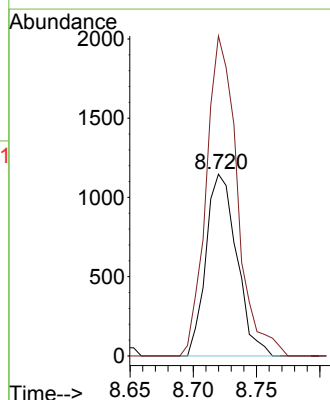
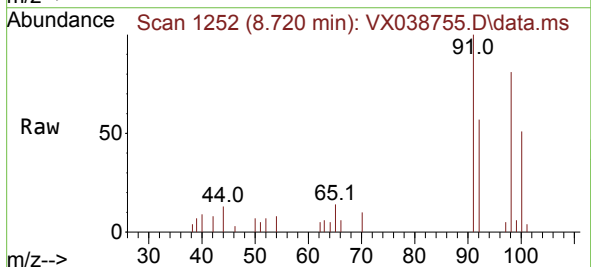
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20231107

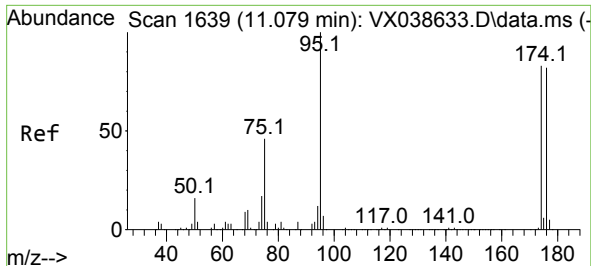
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 194.7 30.4 45.6#



#52
Toluene
Concen: 0.268 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion: 92 Resp: 1944
Ion Ratio Lower Upper
92 100
91 177.7 134.2 201.2

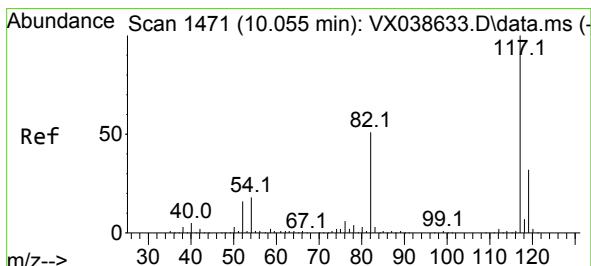
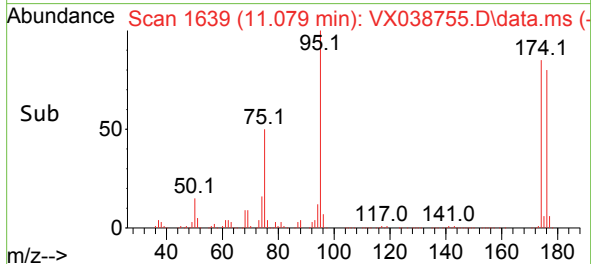
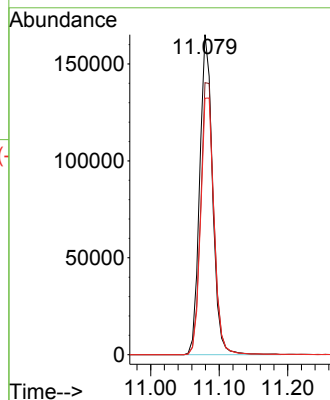
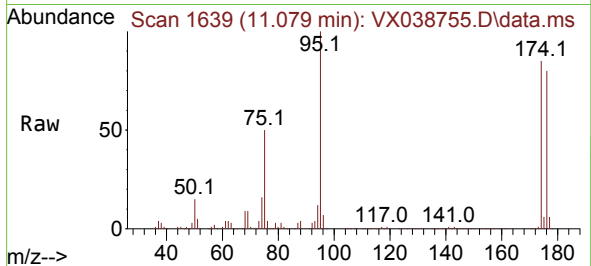




#62
4-Bromofluorobenzene
Concen: 50.072 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

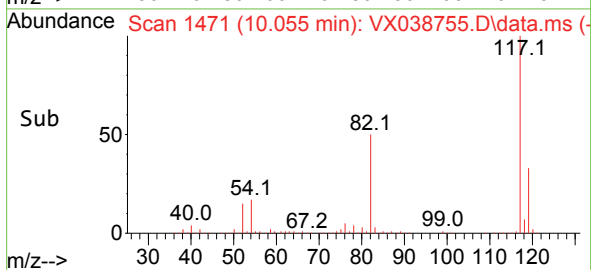
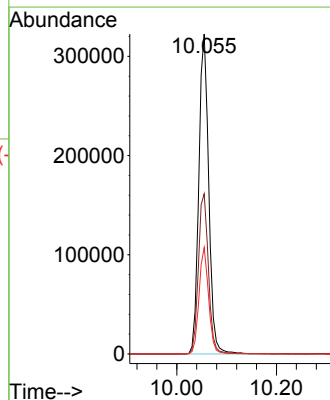
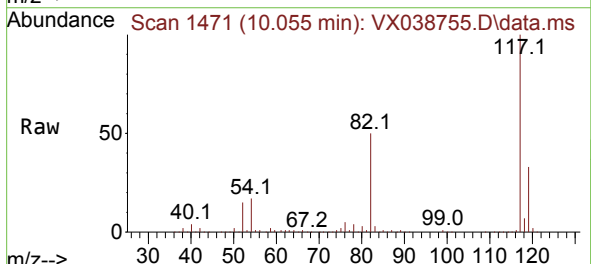
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20231107

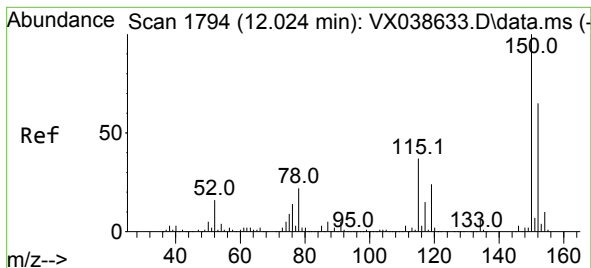
Tgt Ion: 95 Resp: 215226
Ion Ratio Lower Upper
95 100
174 88.3 0.0 135.6
176 84.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038755.D
Acq: 11 Nov 2023 03:37

Tgt Ion: 117 Resp: 445073
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 33.3 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: VX038755.D

Acq: 11 Nov 2023 03:37

Instrument :

MSVOA_X

ClientSampleId :

TT15811-20231107

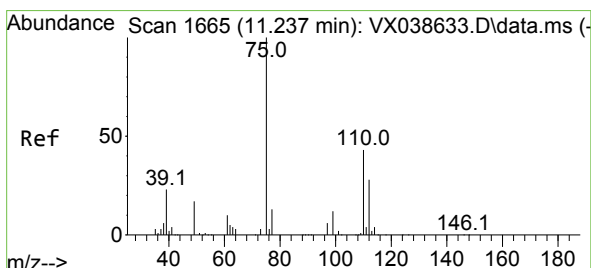
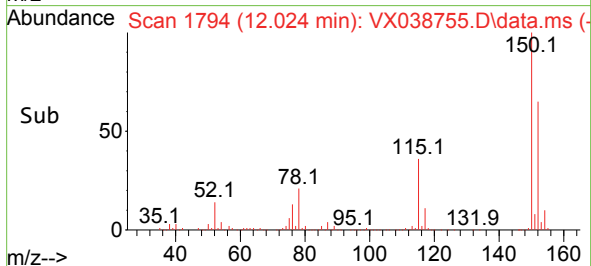
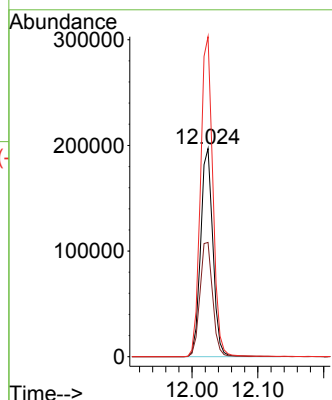
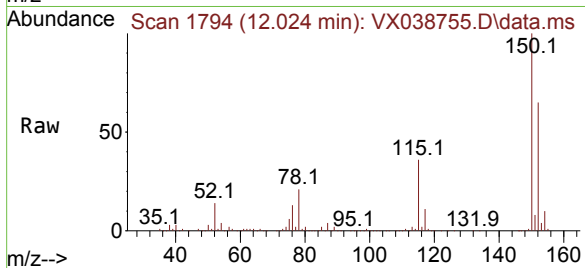
Tgt Ion:152 Resp: 255193

Ion Ratio Lower Upper

152 100

115 56.9 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.378 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038755.D

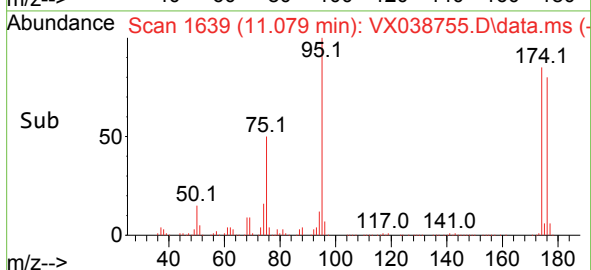
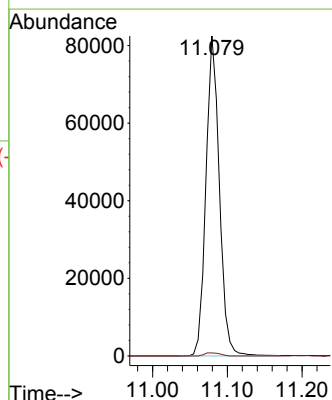
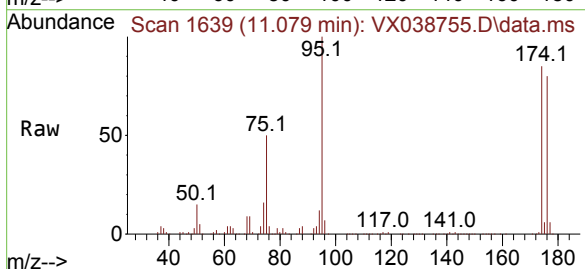
Acq: 11 Nov 2023 03:37

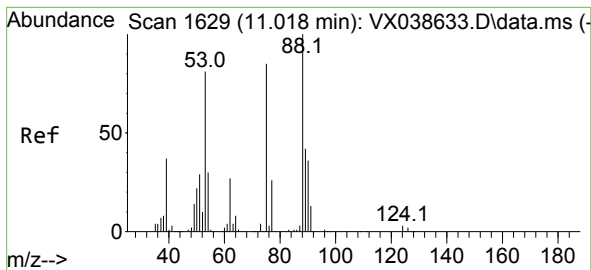
Tgt Ion: 75 Resp: 102991

Ion Ratio Lower Upper

75 100

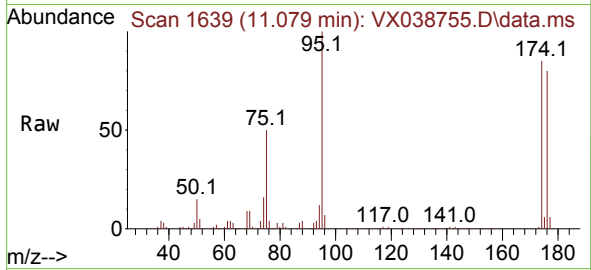
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.151 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038755.D
 Acq: 11 Nov 2023 03:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20231107



Tgt Ion: 75 Resp: 102991
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

