

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072738.D
 Acq On : 09 Jun 2022 18:18
 Operator : JC\MD
 Sample : N3175-21 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1713RE

Quant Time: Jun 09 18:37:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

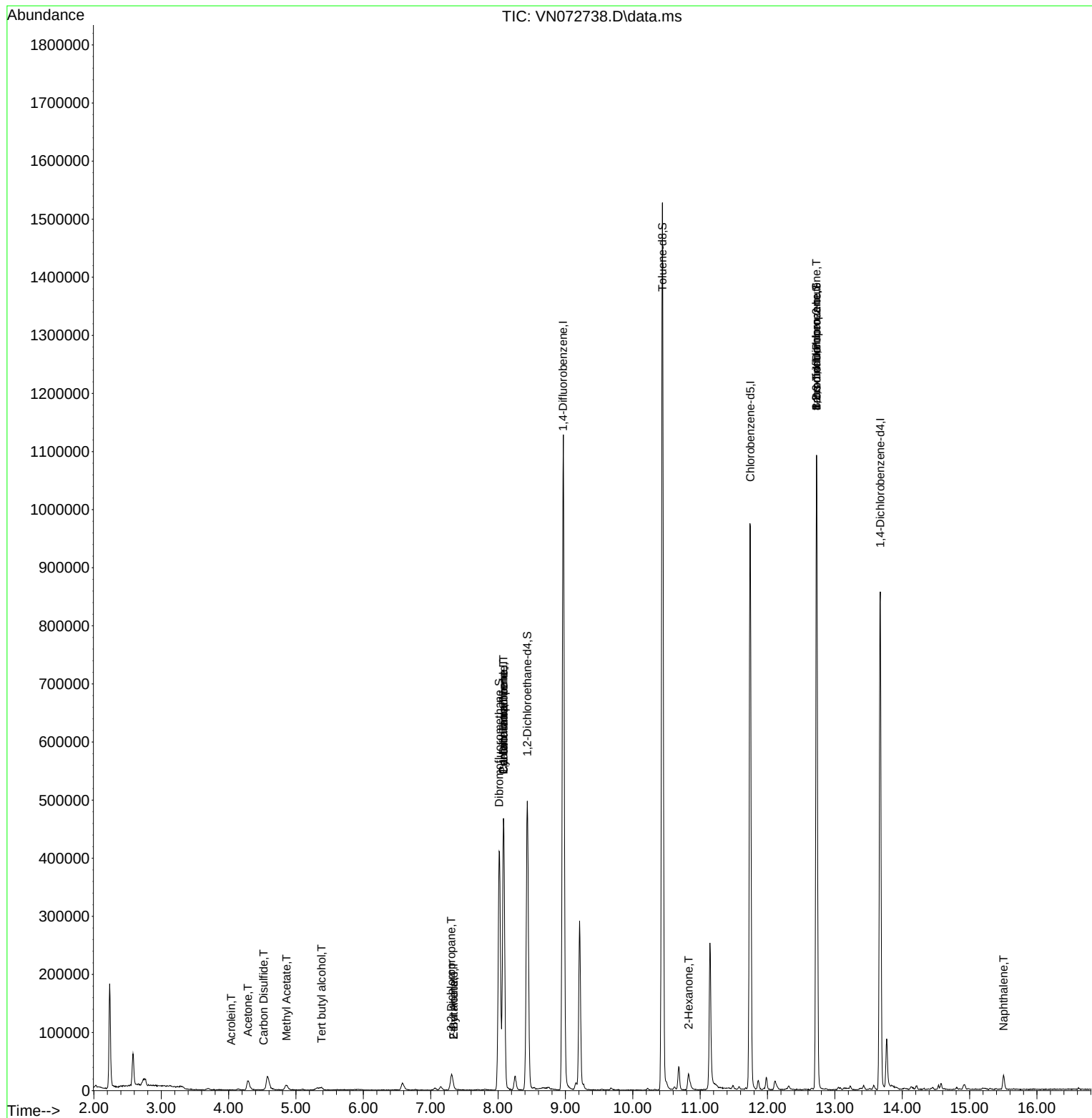
Internal Standards						
1) Pentafluorobenzene	8.081	168	304712	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	577208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	521497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	206452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	412885	50.486	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.980%	
35) Dibromofluoromethane	8.016	113	297089	52.017	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.040%	
50) Toluene-d8	10.439	98	990401	43.463	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 86.920%	
62) 4-Bromofluorobenzene	12.727	95	378984	48.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.287	50	639	Below Cal	#	43
5) Bromomethane	2.863	94	163	Below Cal	#	65
6) Chloroethane	2.993	64	296	Below Cal	#	83
11) Tert butyl alcohol	5.381	59	7183	3.682	ug/l #	89
13) Acrolein	4.040	56	177	0.220	ug/l	94
16) Acetone	4.287	43	32263	8.233	ug/l #	82
17) Carbon Disulfide	4.522	76	532	0.335	ug/l #	75
18) Methyl Acetate	4.857	43	18874	1.851	ug/l #	86
20) Methylene Chloride	5.104	84	696	Below Cal	#	38
25) 2-Butanone	7.340	43	2547	0.404	ug/l	98
26) 2,2-Dichloropropane	7.304	77	1973	0.204	ug/l #	53
31) Cyclohexane	8.081	56	9785	0.425	ug/l #	29
36) 1,1-Dichloropropene	8.081	75	31870	4.020	ug/l #	49
37) Ethyl Acetate	7.340	43	2626	0.213	ug/l #	67
38) Carbon Tetrachloride	8.081	117	37631	4.442	ug/l #	18
59) 2-Hexanone	10.828	43	3676	0.400	ug/l	75
71) Bromoform	12.727	173	2298	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	221264	33.213	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	221264	86.860	ug/l #	10
95) Naphthalene	15.504	128	21639	1.595	ug/l	99

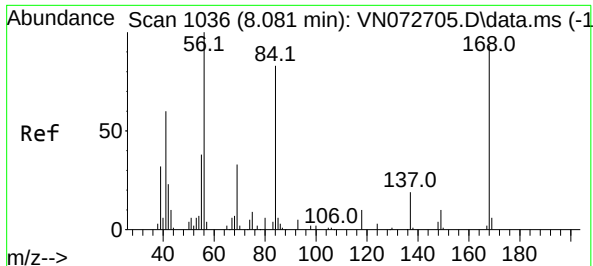
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration

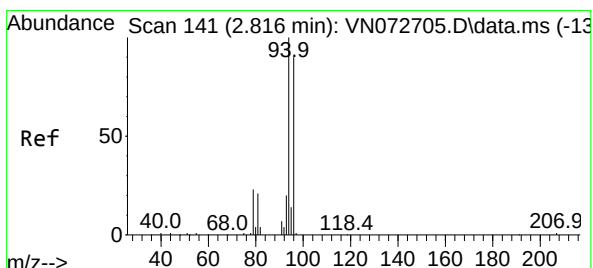
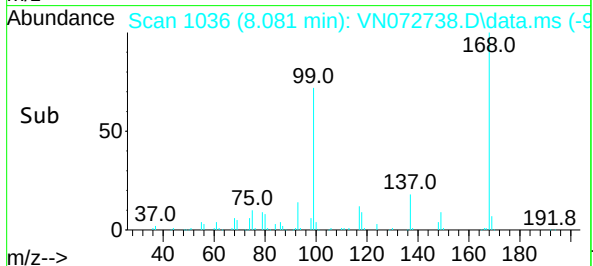
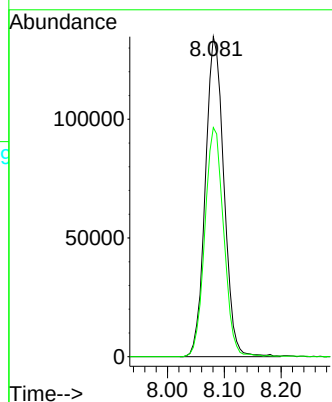
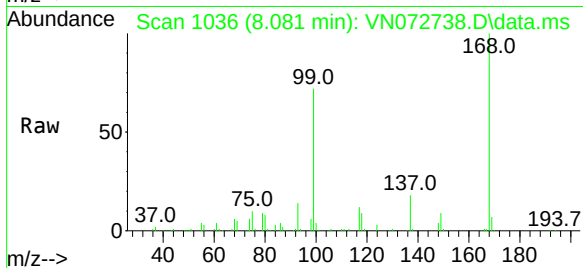




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

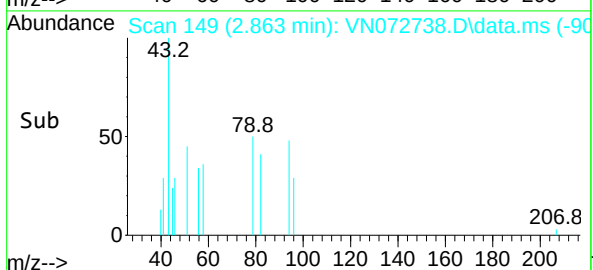
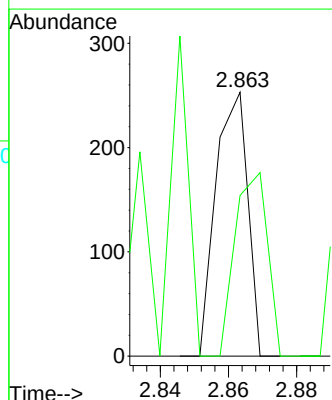
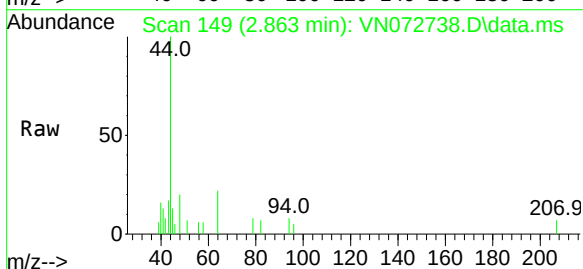
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713RE

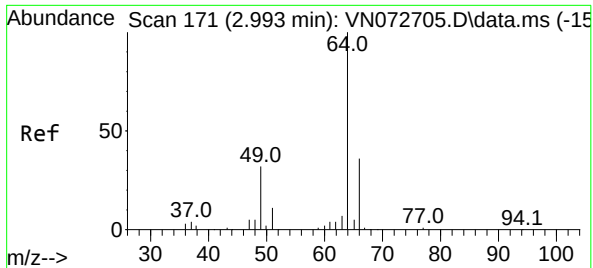
Tgt Ion:168 Resp: 304712
Ion Ratio Lower Upper
168 100
99 71.6 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 149
Delta R.T. 0.047 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 60.9 76.0 114.0#

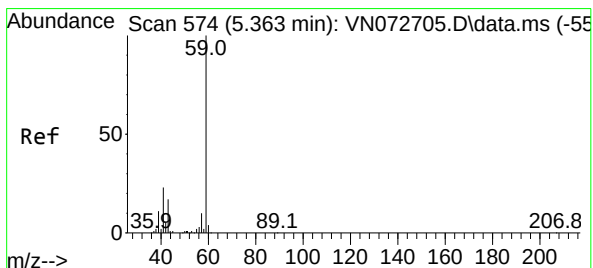
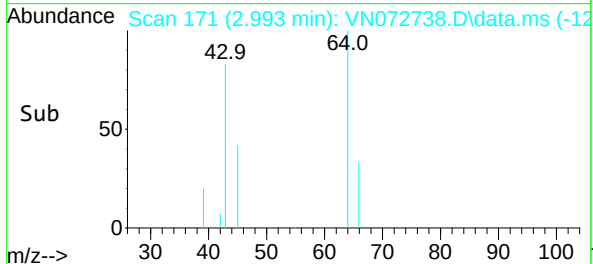
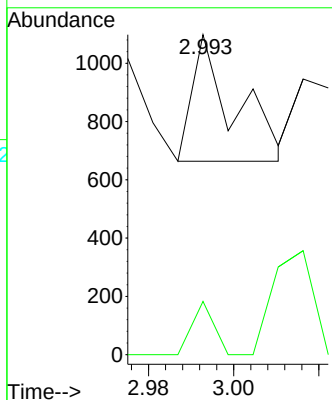
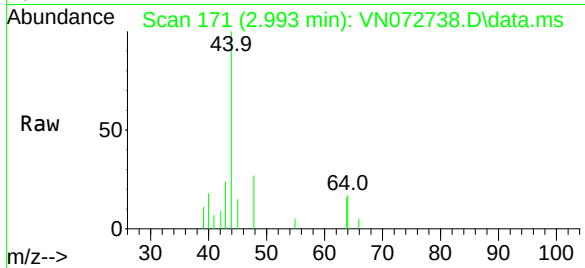




#6
Chloroethane
Concen: Below Cal
RT: 2.993 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

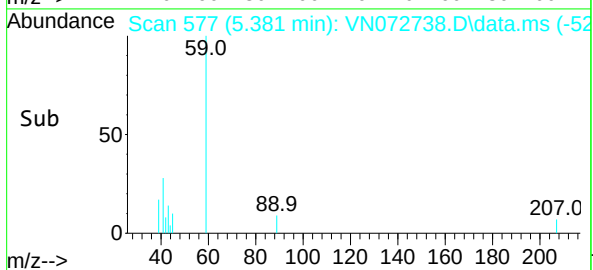
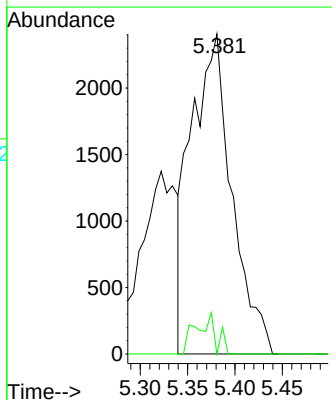
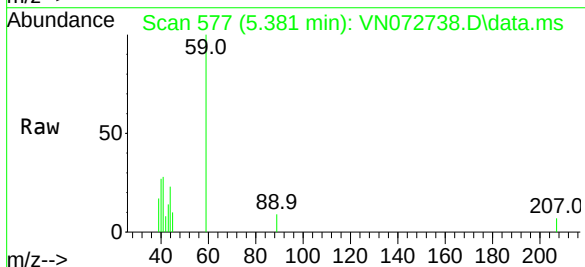
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713RE

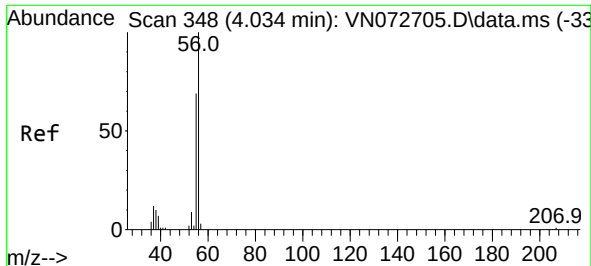
Tgt Ion: 64 Resp: 296
Ion Ratio Lower Upper
64 100
66 42.2 26.2 39.4#



#11
Tert butyl alcohol
Concen: 3.682 ug/l
RT: 5.381 min Scan# 577
Delta R.T. 0.018 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion: 59 Resp: 7183
Ion Ratio Lower Upper
59 100
57 6.3 8.3 12.5#

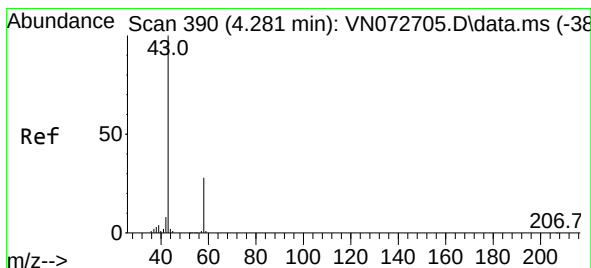
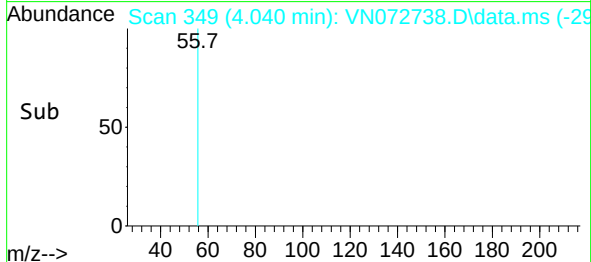
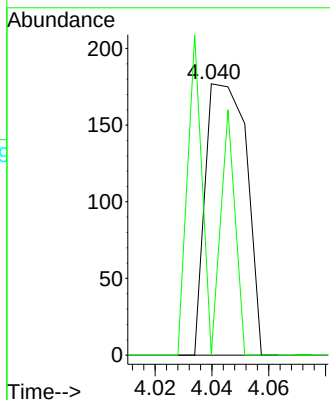
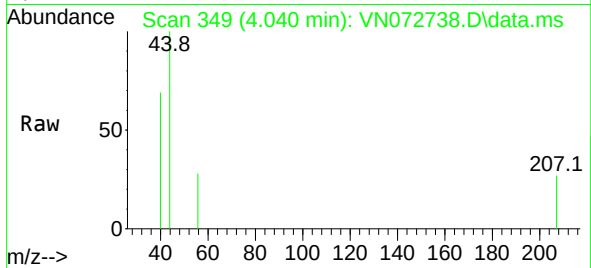




#13
Acrolein
Concen: 0.220 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

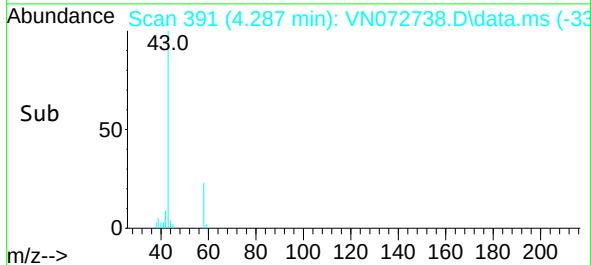
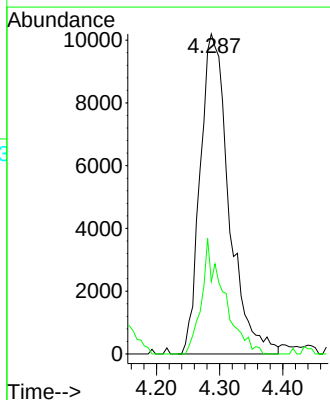
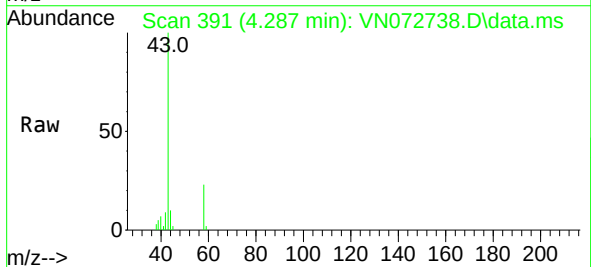
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713RE

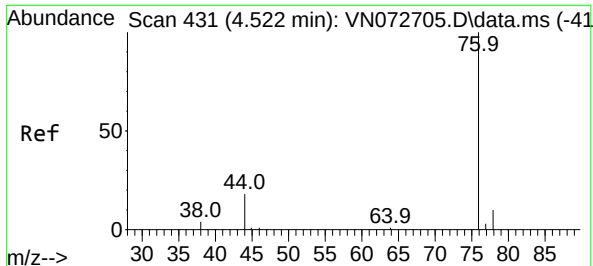
Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 73.4 54.8 82.2



#16
Acetone
Concen: 8.233 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion: 43 Resp: 32263
Ion Ratio Lower Upper
43 100
58 22.7 26.0 39.0#





#17

Carbon Disulfide

Concen: 0.335 ug/l

RT: 4.522 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072738.D

Acq: 09 Jun 2022 18:18

Instrument :

MSVOA_N

ClientSampleId :

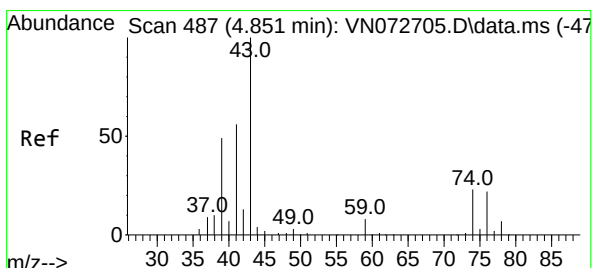
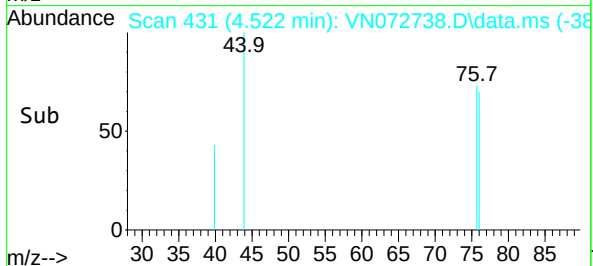
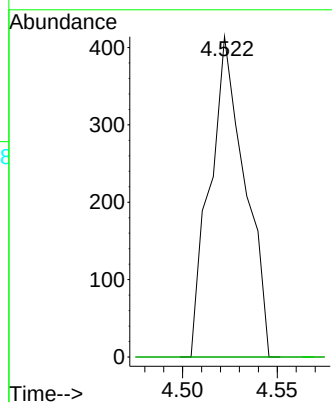
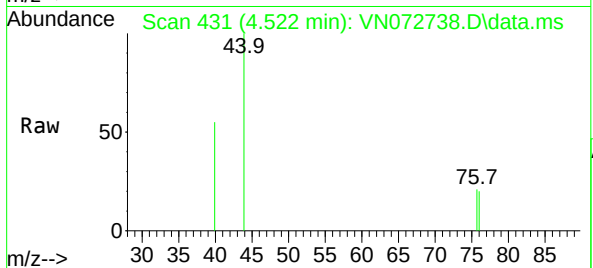
AUD-1713RE

Tgt Ion: 76 Resp: 532

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 1.851 ug/l

RT: 4.857 min Scan# 488

Delta R.T. 0.006 min

Lab File: VN072738.D

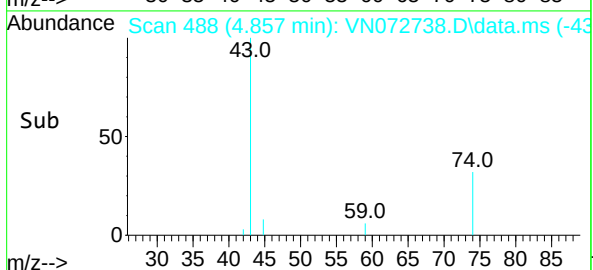
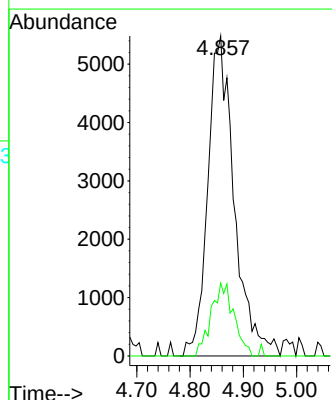
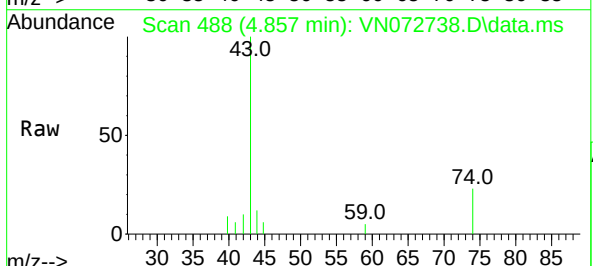
Acq: 09 Jun 2022 18:18

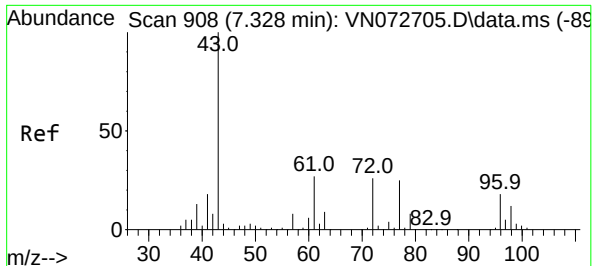
Tgt Ion: 43 Resp: 18874

Ion Ratio Lower Upper

43 100

74 19.7 21.6 32.4#





#25

2-Butanone

Concen: 0.404 ug/l

RT: 7.340 min Scan# 910

Delta R.T. 0.012 min

Lab File: VN072738.D

Acq: 09 Jun 2022 18:18

Instrument :

MSVOA_N

ClientSampleId :

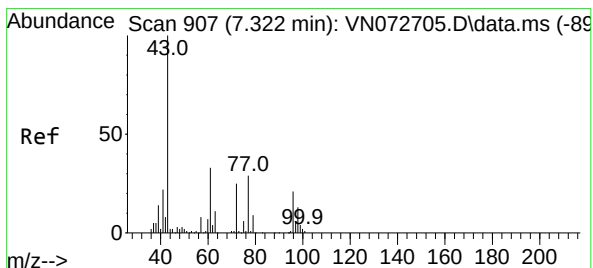
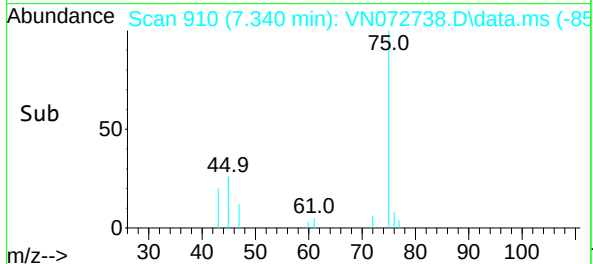
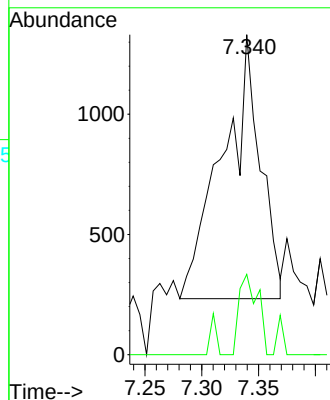
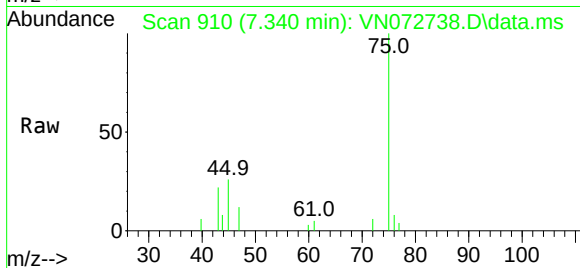
AUD-1713RE

Tgt Ion: 43 Resp: 2547

Ion Ratio Lower Upper

43 100

72 30.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 0.204 ug/l

RT: 7.304 min Scan# 904

Delta R.T. -0.018 min

Lab File: VN072738.D

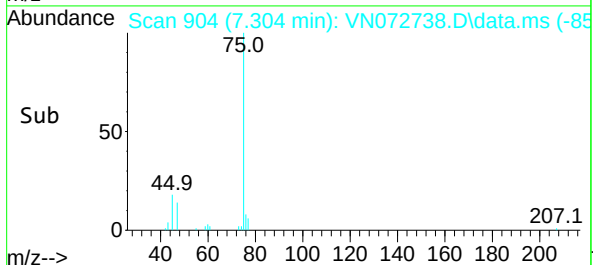
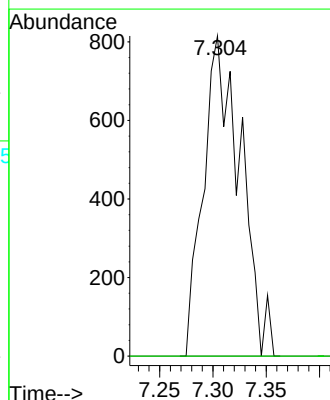
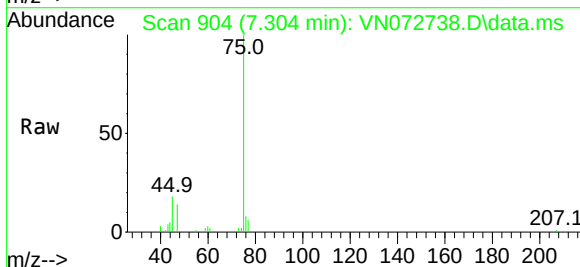
Acq: 09 Jun 2022 18:18

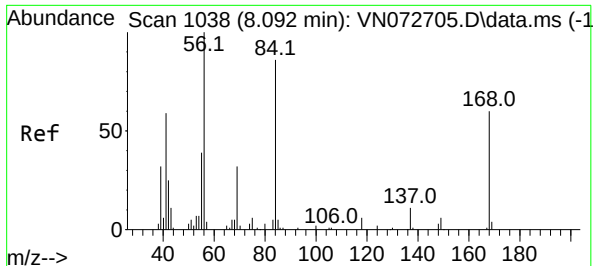
Tgt Ion: 77 Resp: 1973

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

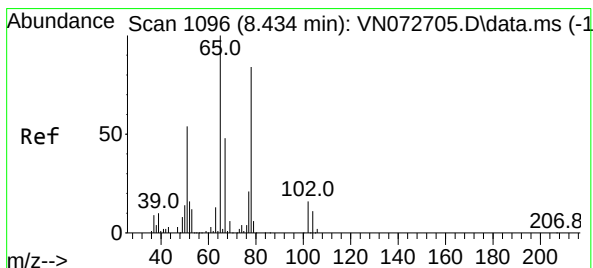
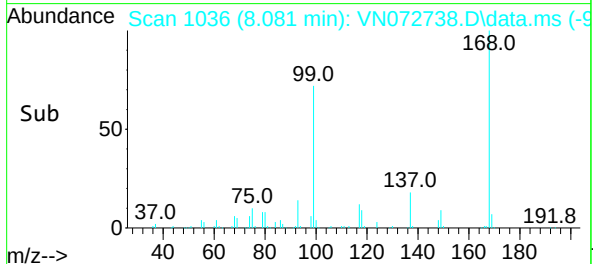
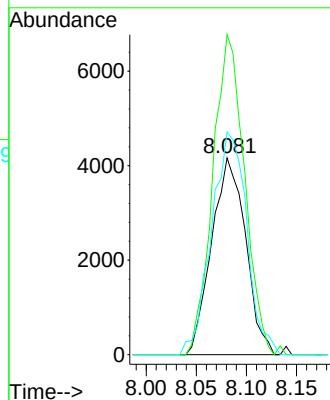
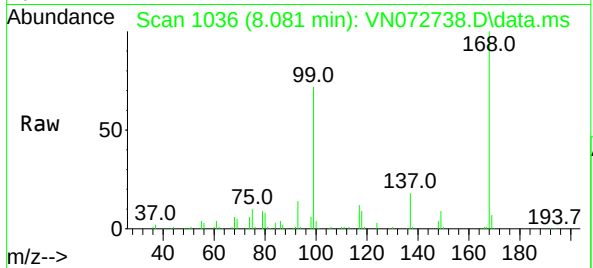




#31
Cyclohexane
Concen: 0.425 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

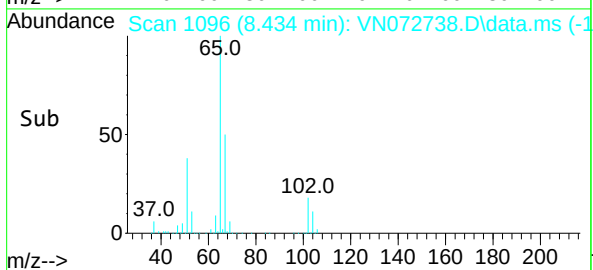
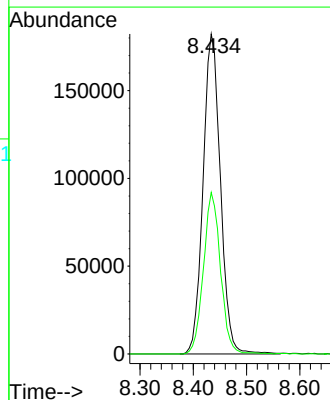
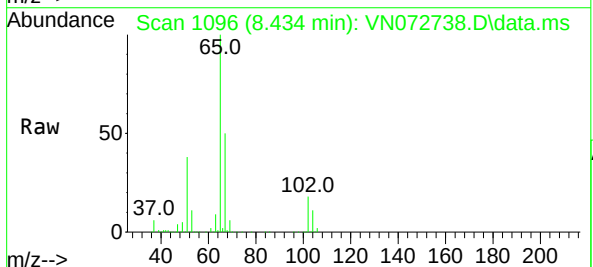
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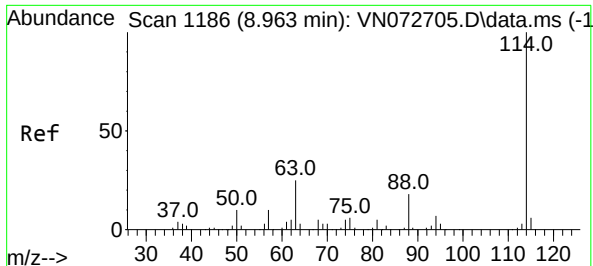
Tgt Ion: 56 Resp: 9785
Ion Ratio Lower Upper
56 100
69 162.6 27.8 41.8#
84 113.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.486 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion: 65 Resp: 412885
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072738.D

Acq: 09 Jun 2022 18:18

Instrument :

MSVOA_N

ClientSampleId :

AUD-1713RE

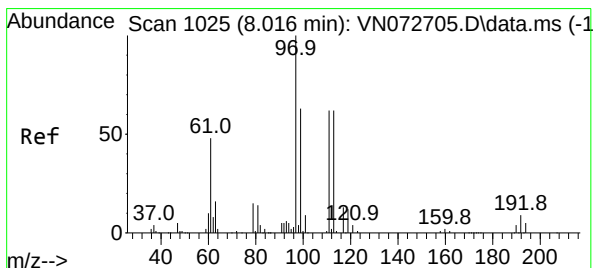
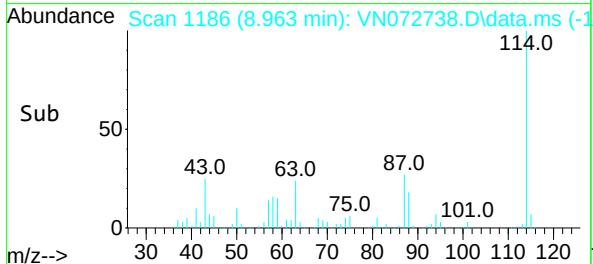
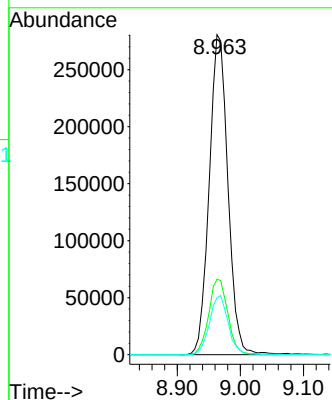
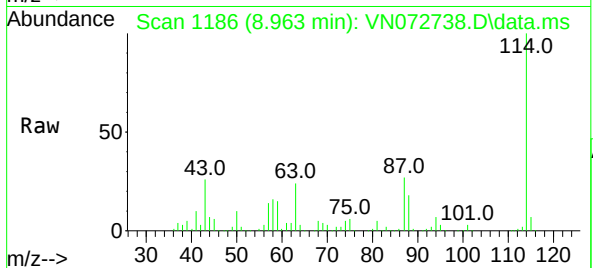
Tgt Ion:114 Resp: 577208

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 17.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.017 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072738.D

Acq: 09 Jun 2022 18:18

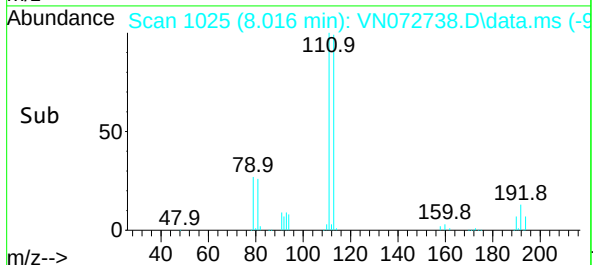
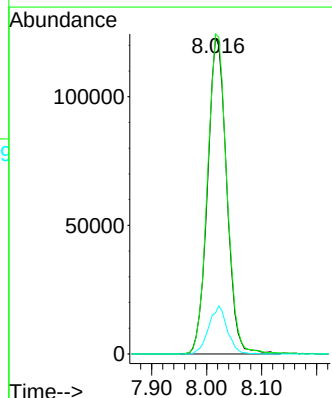
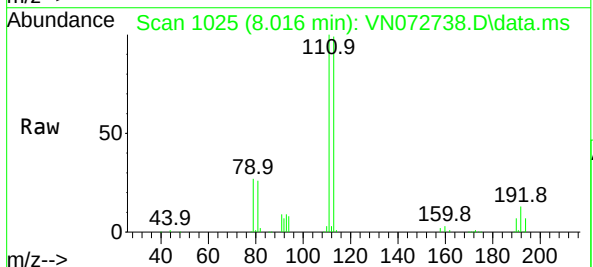
Tgt Ion:113 Resp: 297089

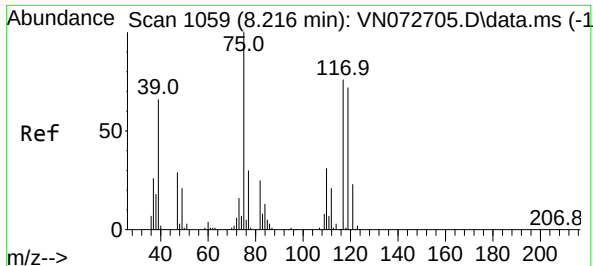
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 14.7 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 4.020 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072738.D

Acq: 09 Jun 2022 18:18

Instrument :

MSVOA_N

ClientSampleId :

AUD-1713RE

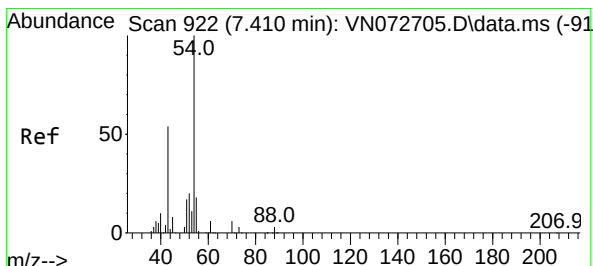
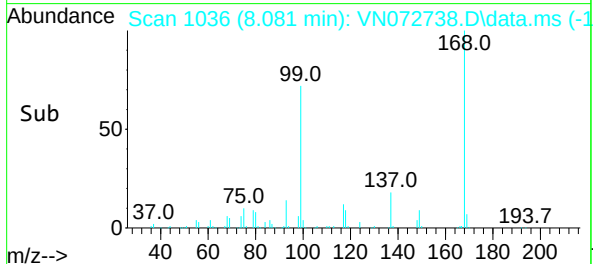
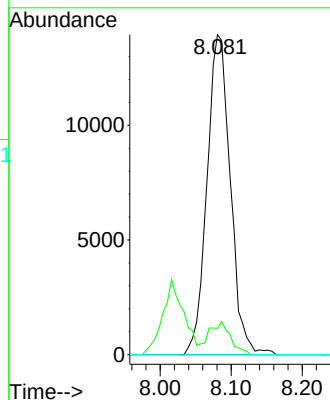
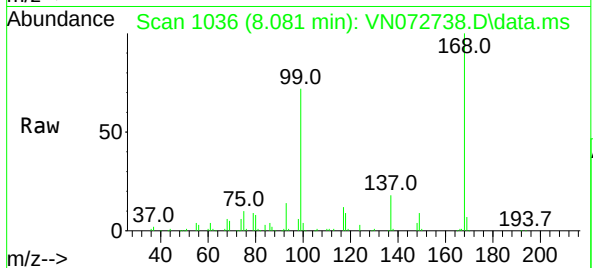
Tgt Ion: 75 Resp: 31870

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 0.213 ug/l

RT: 7.340 min Scan# 910

Delta R.T. -0.070 min

Lab File: VN072738.D

Acq: 09 Jun 2022 18:18

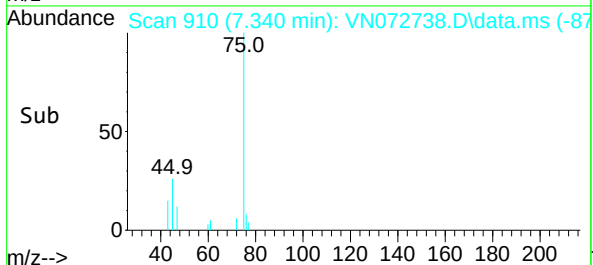
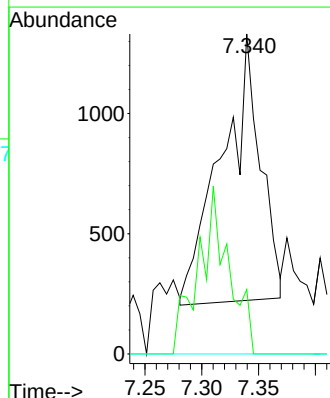
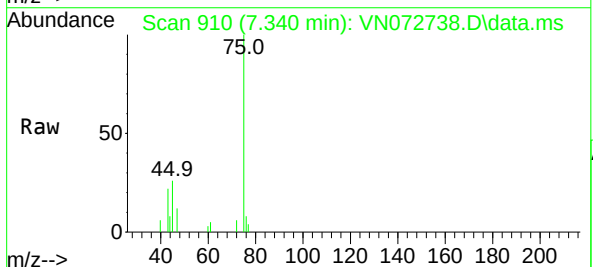
Tgt Ion: 43 Resp: 2626

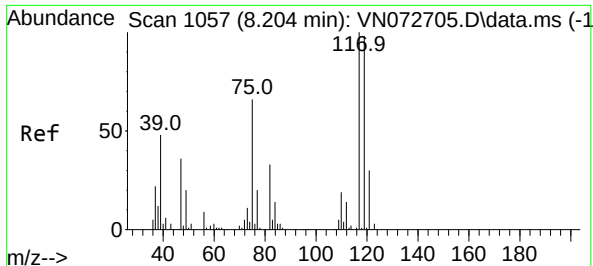
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

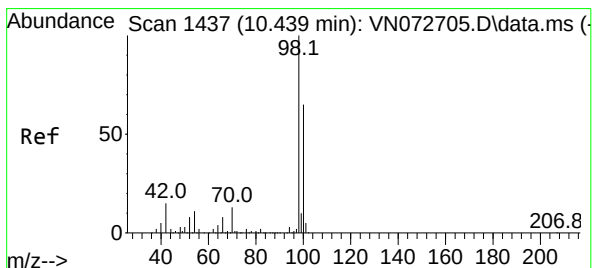
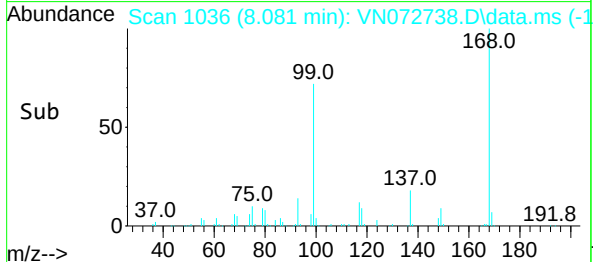
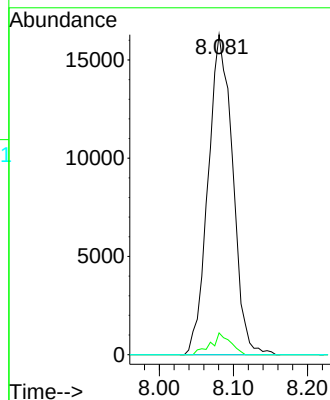
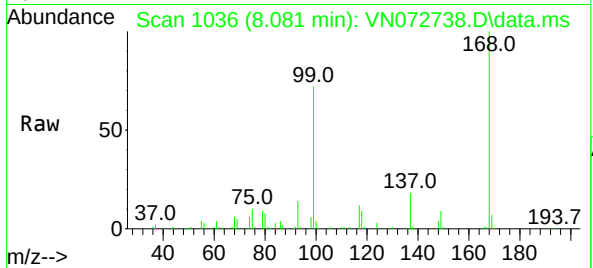




#38
Carbon Tetrachloride
Concen: 4.442 ug/l
RT: 8.081 min Scan# 117
Delta R.T. -0.123 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

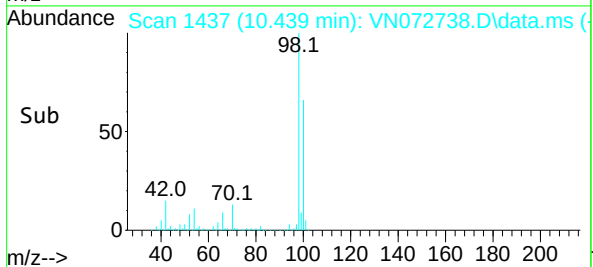
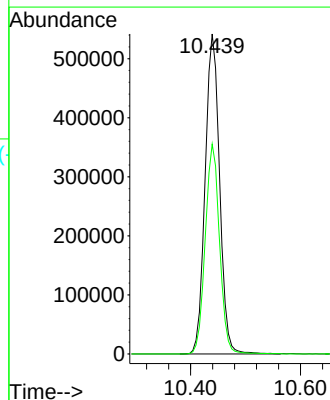
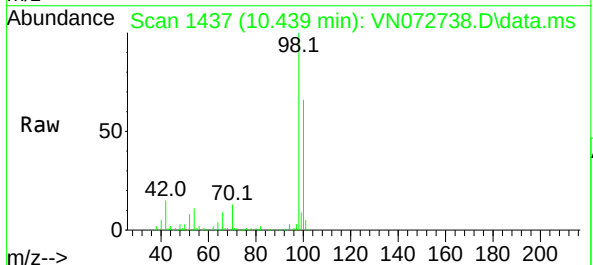
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713RE

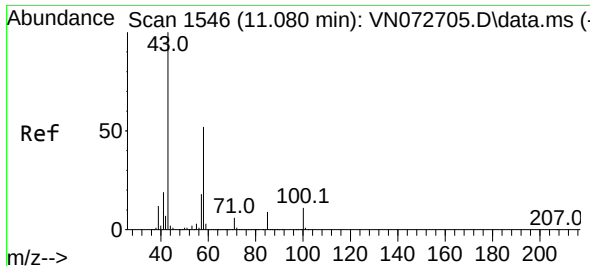
Tgt Ion:117 Resp: 37631
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 43.463 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion: 98 Resp: 990401
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

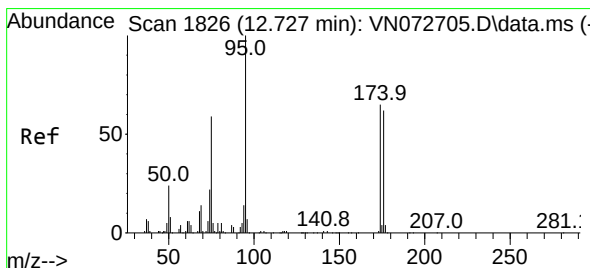
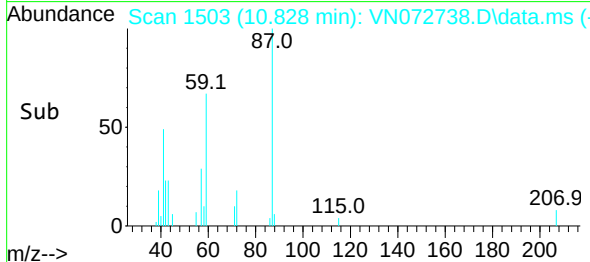
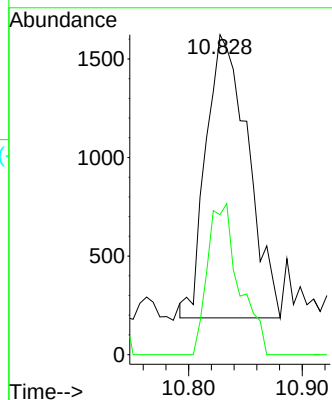
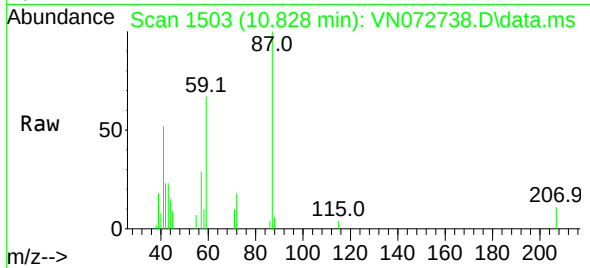




#59
2-Hexanone
Concen: 0.400 ug/l
RT: 10.828 min Scan# 1546
Delta R.T. -0.252 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

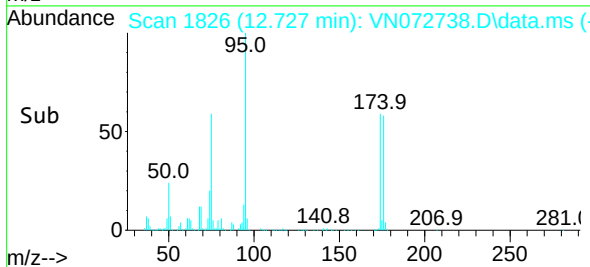
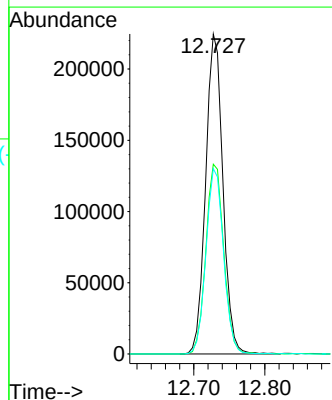
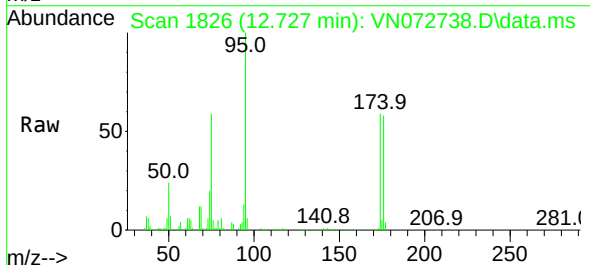
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713RE

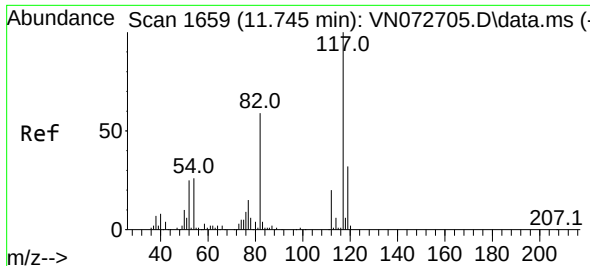
Tgt Ion: 43 Resp: 3676
Ion Ratio Lower Upper
43 100
58 40.3 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 48.467 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion: 95 Resp: 378984
Ion Ratio Lower Upper
95 100
174 61.7 0.0 167.6
176 59.1 0.0 163.4

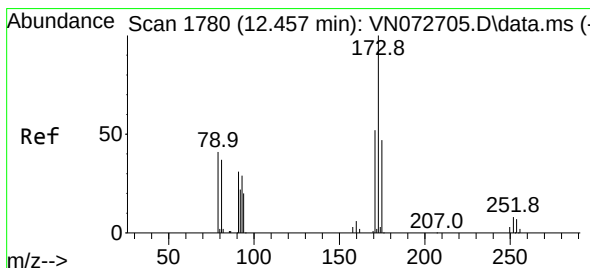
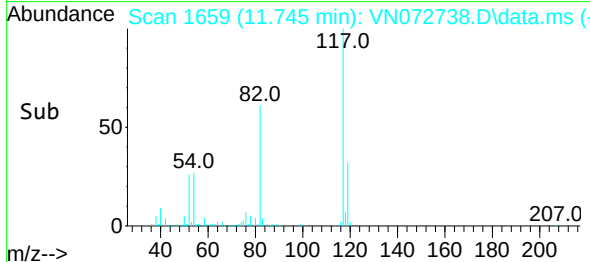
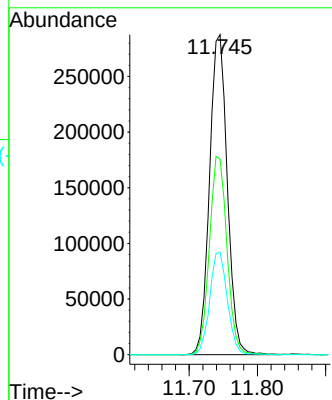
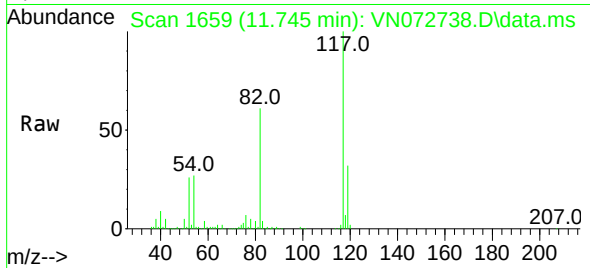




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

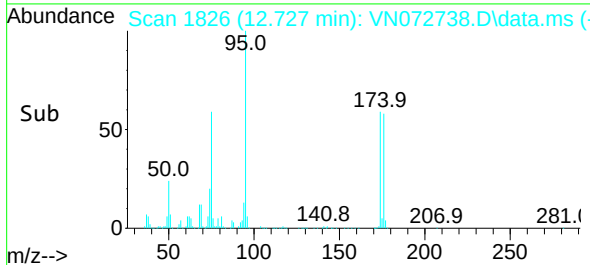
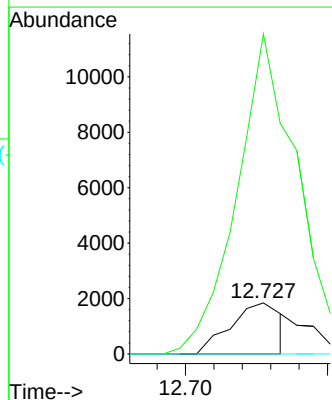
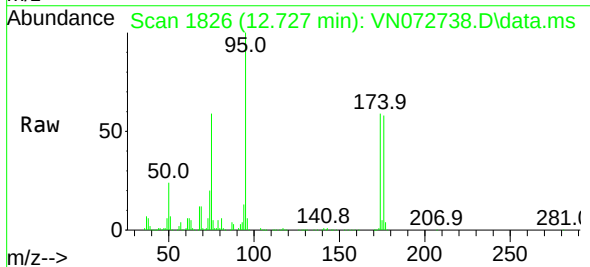
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713RE

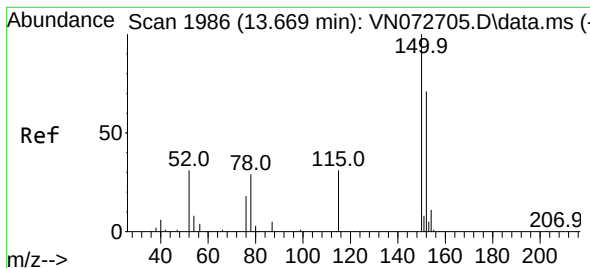
Tgt Ion:117 Resp: 521497
Ion Ratio Lower Upper
117 100
82 61.1 44.2 66.2
119 32.0 25.4 38.0



#71
Bromoform
Concen: 0.591 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion:173 Resp: 2298
Ion Ratio Lower Upper
173 100
175 544.6 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1986

Delta R.T. 0.005 min

Lab File: VN072738.D

Acq: 09 Jun 2022 18:18

Instrument :

MSVOA_N

ClientSampleId :

AUD-1713RE

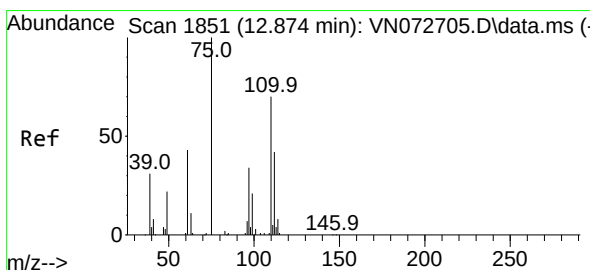
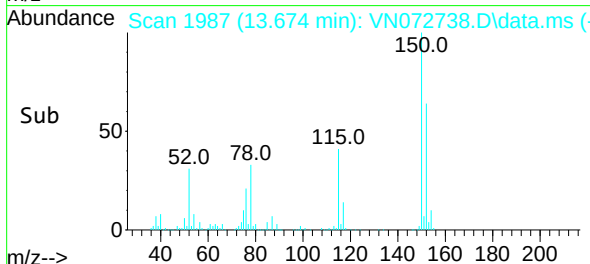
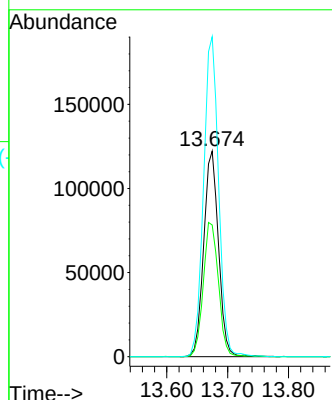
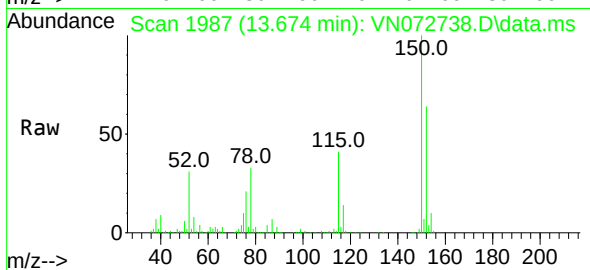
Tgt Ion:152 Resp: 206452

Ion Ratio Lower Upper

152 100

115 67.1 28.9 86.7

150 158.1 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 33.213 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072738.D

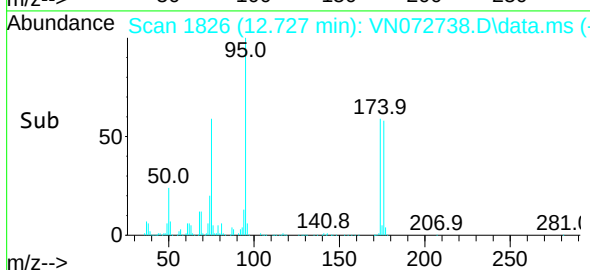
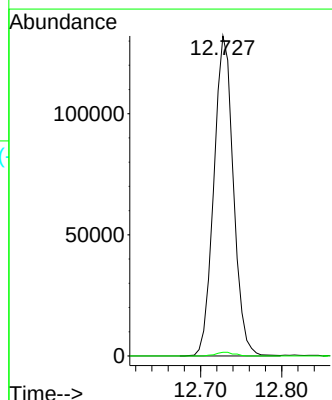
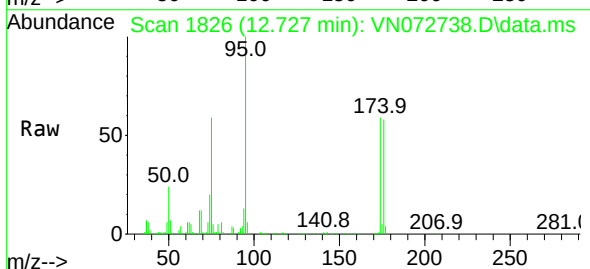
Acq: 09 Jun 2022 18:18

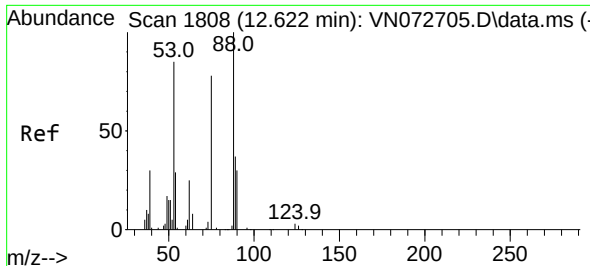
Tgt Ion: 75 Resp: 221264

Ion Ratio Lower Upper

75 100

77 1.1 98.5 295.5#

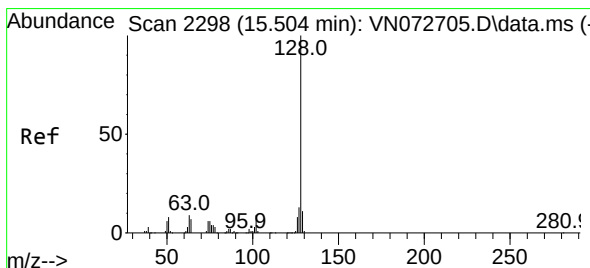
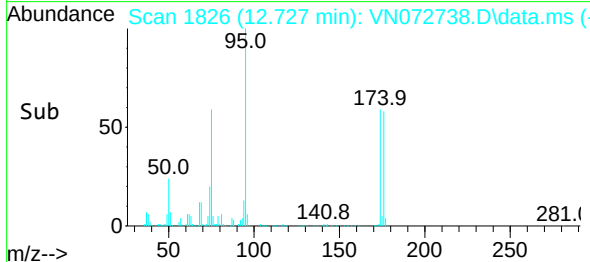
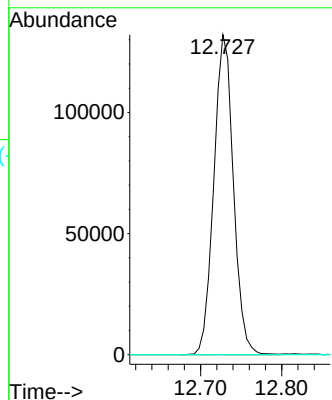
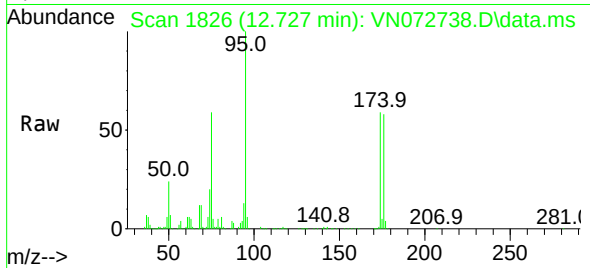




#81
trans-1,4-Dichloro-2-butene
Concen: 86.860 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Instrument :
MSVOA_N
ClientSampleId :
AUD-1713RE

Tgt Ion: 75 Resp: 221264
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.595 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072738.D
Acq: 09 Jun 2022 18:18

Tgt Ion: 128 Resp: 21639
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.3 8.6 13.0

