

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072730.D
 Acq On : 09 Jun 2022 15:03
 Operator : JC\MD
 Sample : N3175-21 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1713

Quant Time: Jun 09 15:51:17 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.	T.Q	Ion	Response	Conc	Units	Dev(Min)

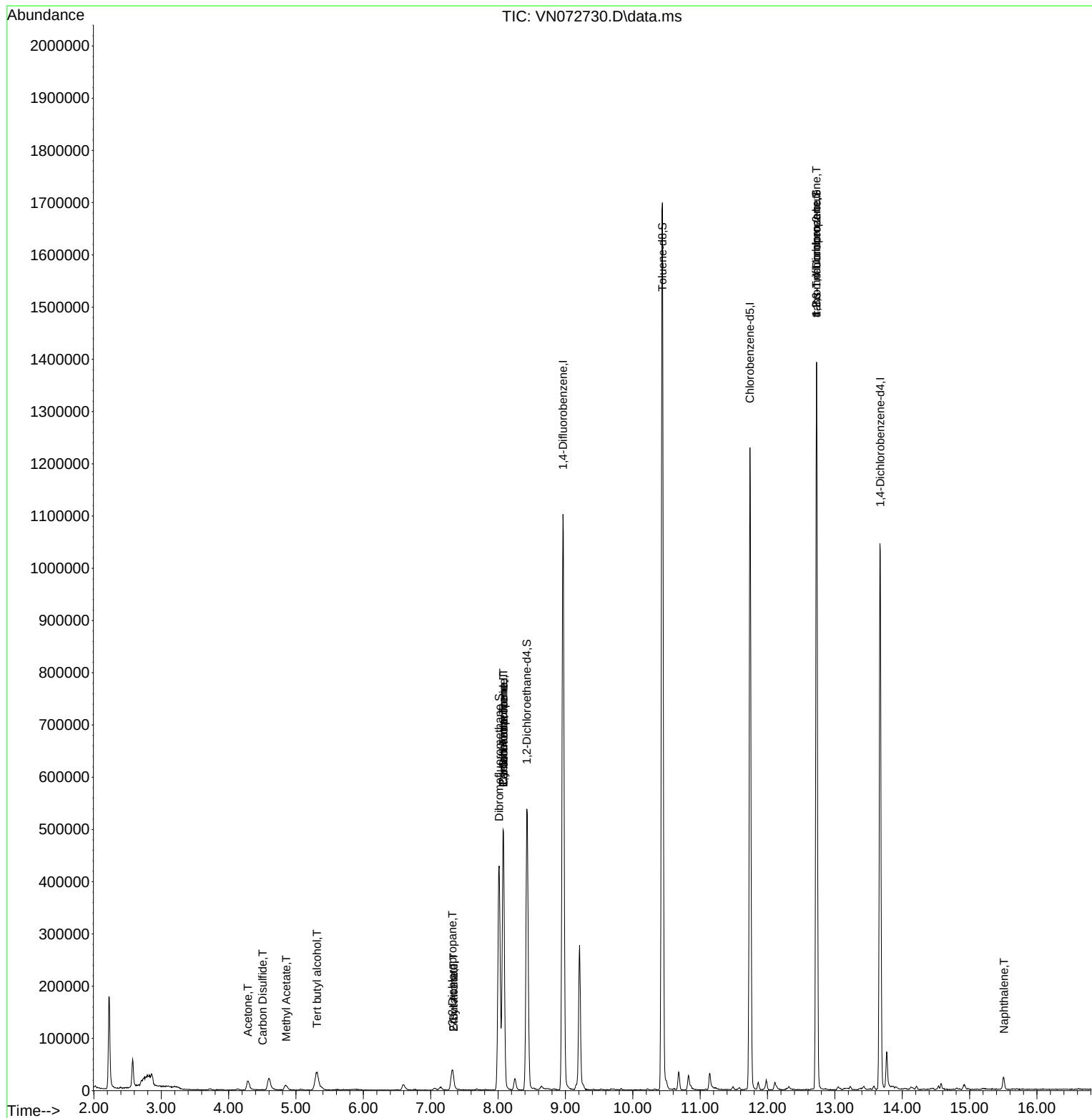
Internal Standards							
1) Pentafluorobenzene	8.081	168		324736	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114		622279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117		627186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152		251762	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.428	65		446827	51.267	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.540%	
35) Dibromofluoromethane	8.016	113		312300	50.720	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.440%	
50) Toluene-d8	10.439	98		1160991	47.259	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.520%	
62) 4-Bromofluorobenzene	12.727	95		468945	55.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.260%	
Target Compounds							
							Qvalue
3) Chloromethane	2.293	50		735	Below Cal	#	84
5) Bromomethane	2.804	94		900	Below Cal	#	54
6) Chloroethane	2.957	64		494	Below Cal	#	42
11) Tert butyl alcohol	5.310	59		35688	17.165	ug/l	# 73
16) Acetone	4.287	43		34614	8.288	ug/l	96
17) Carbon Disulfide	4.504	76		632	0.341	ug/l	# 75
18) Methyl Acetate	4.857	43		20651	1.900	ug/l	# 71
20) Methylene Chloride	5.069	84		899	Below Cal	#	57
25) 2-Butanone	7.339	43		17407	2.591	ug/l	# 88
26) 2,2-Dichloropropane	7.322	77		2190	0.213	ug/l	# 53
31) Cyclohexane	8.075	56		10499	0.433	ug/l	# 27
36) 1,1-Dichloropropene	8.081	75		36381	4.257	ug/l	# 47
37) Ethyl Acetate	7.339	43		17407	1.311	ug/l	# 67
38) Carbon Tetrachloride	8.081	117		40224	4.404	ug/l	# 15
76) 1,2,3-Trichloropropane	12.727	75		275240	33.879	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75		275240	88.603	ug/l	# 10
95) Naphthalene	15.509	128		22032	1.332	ug/l	100

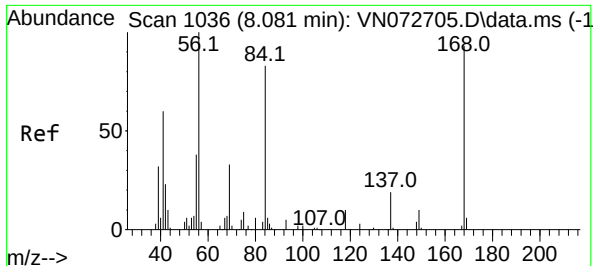
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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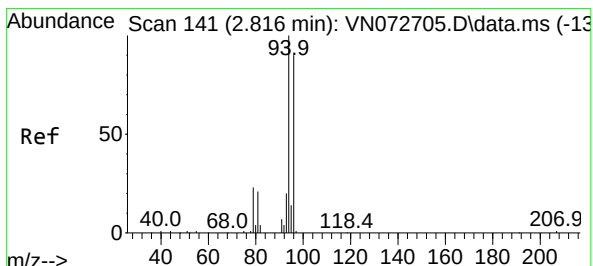
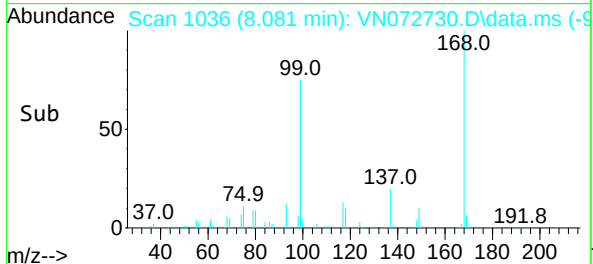
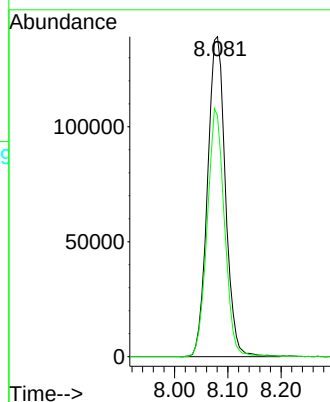
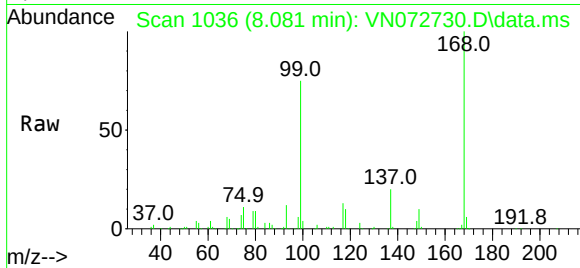




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

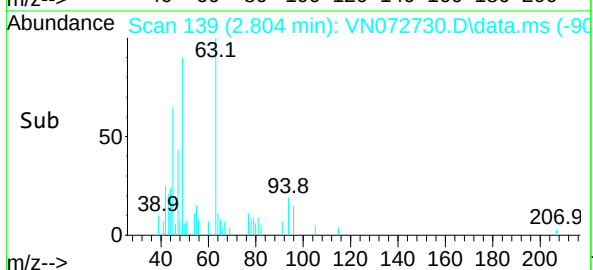
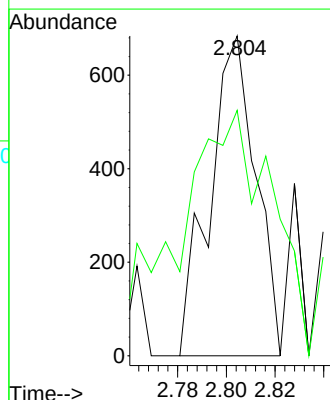
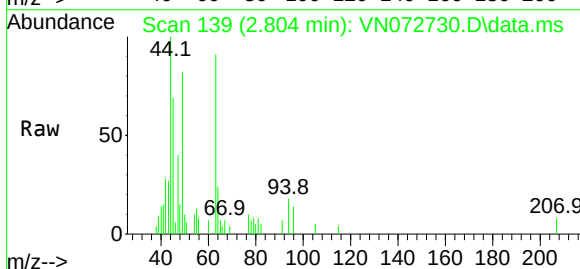
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713

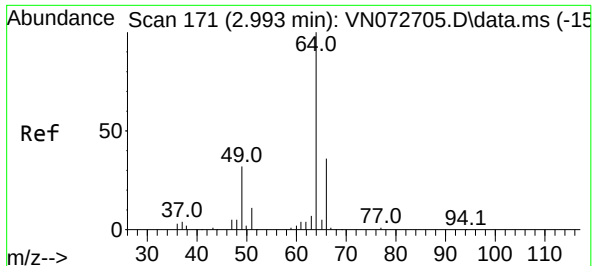
Tgt Ion:168 Resp: 324736
Ion Ratio Lower Upper
168 100
99 75.3 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.804 min Scan# 139
Delta R.T. -0.012 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

Tgt Ion: 94 Resp: 900
Ion Ratio Lower Upper
94 100
96 50.4 76.0 114.0#

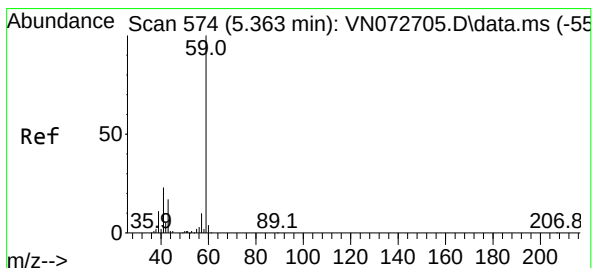
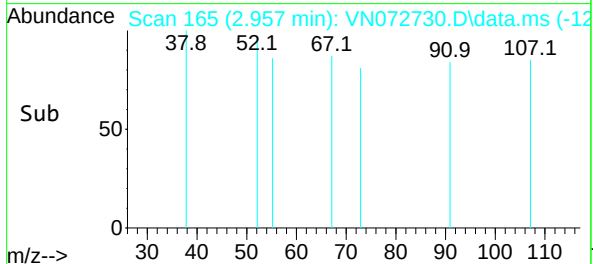
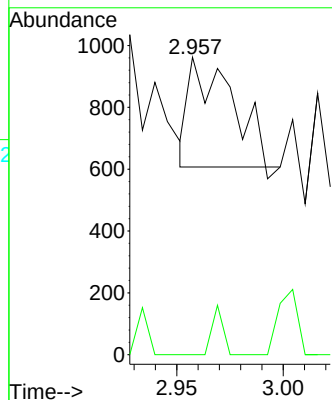
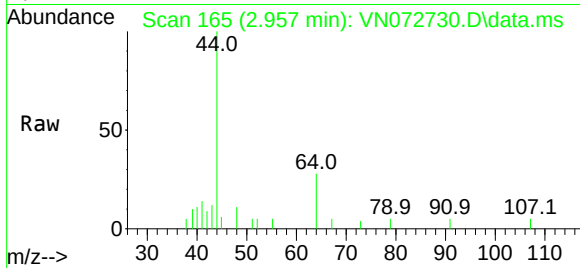




#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 1
Delta R.T. -0.036 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

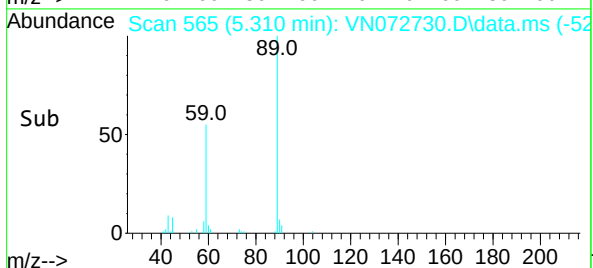
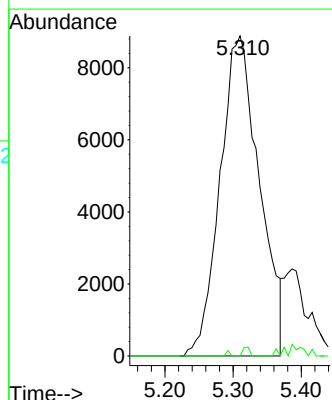
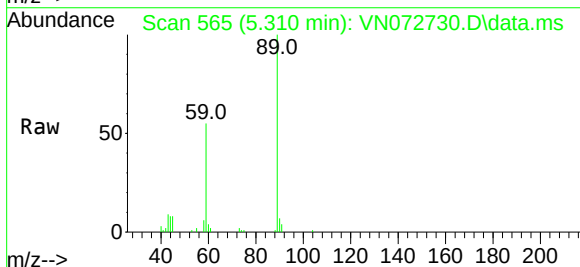
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713

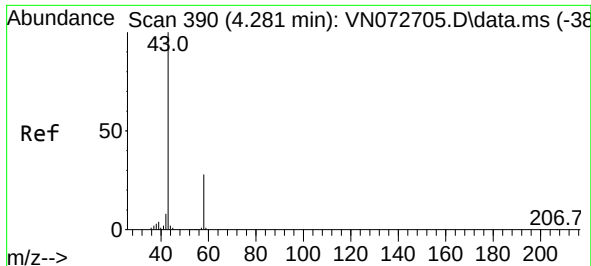
Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 17.165 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.053 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

Tgt Ion: 59 Resp: 35688
Ion Ratio Lower Upper
59 100
57 0.5 8.3 12.5#

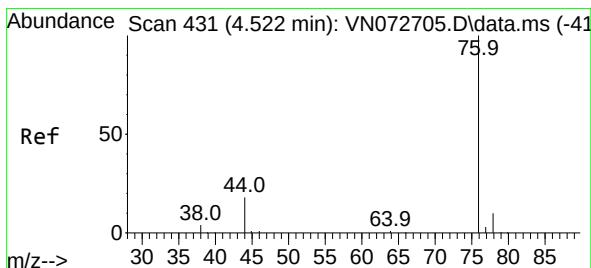
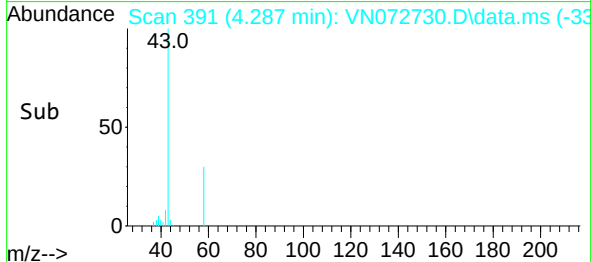
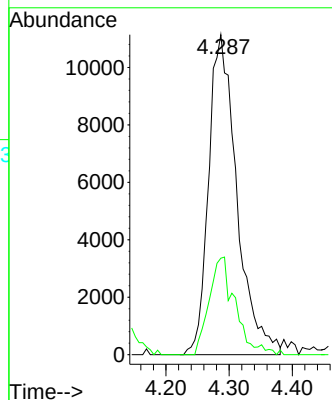
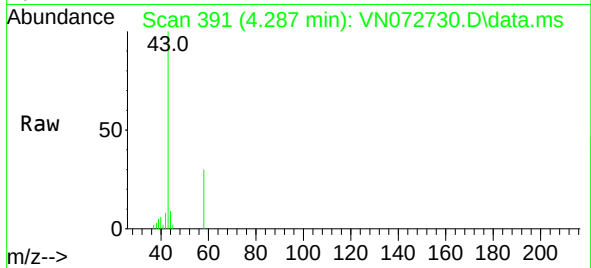




#16
Acetone
Concen: 8.288 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

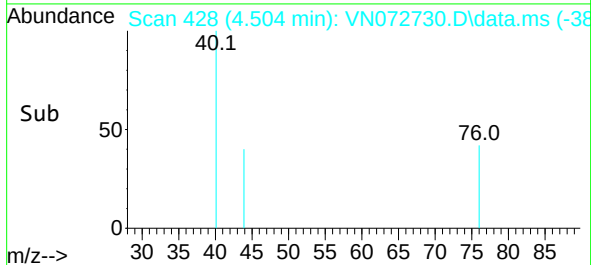
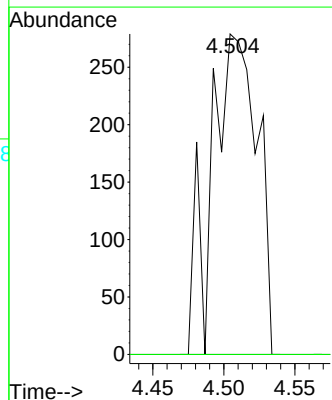
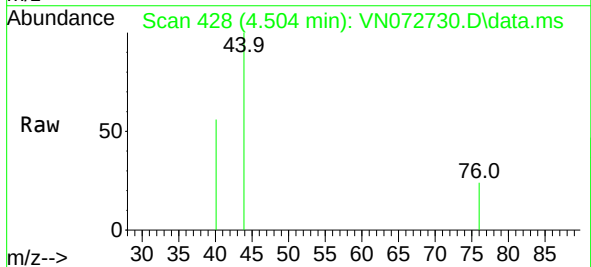
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713

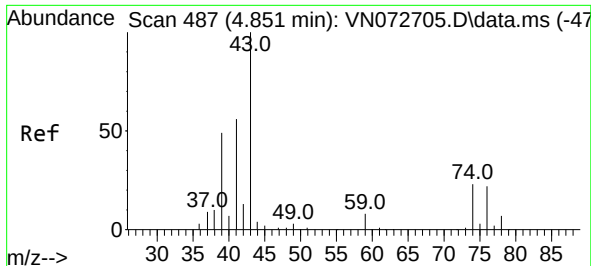
Tgt Ion: 43 Resp: 34614
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0



#17
Carbon Disulfide
Concen: 0.341 ug/l
RT: 4.504 min Scan# 428
Delta R.T. -0.018 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

Tgt Ion: 76 Resp: 632
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

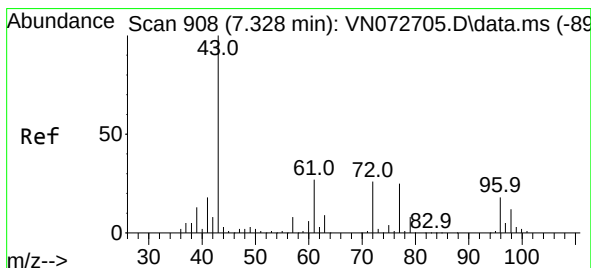
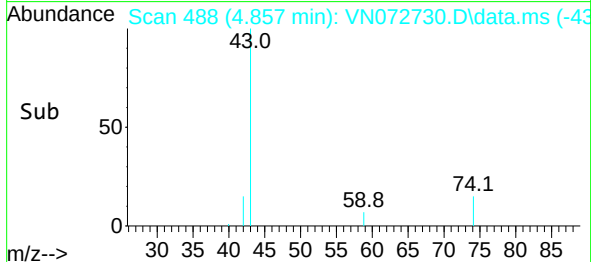
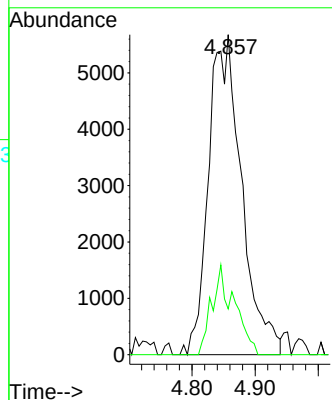
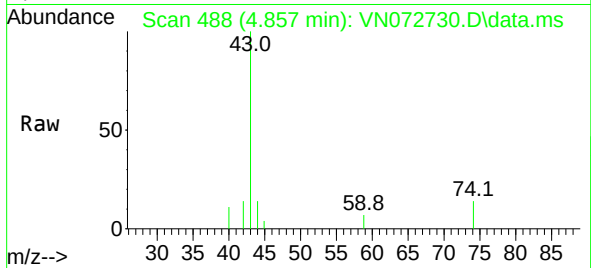




#18
Methyl Acetate
Concen: 1.900 ug/l
RT: 4.857 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

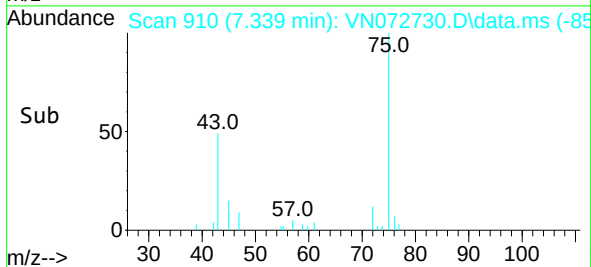
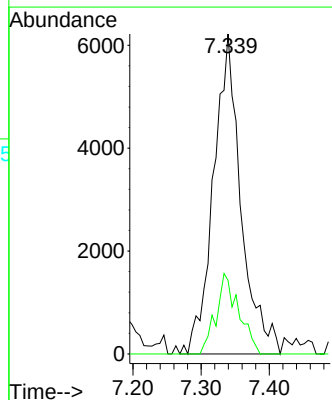
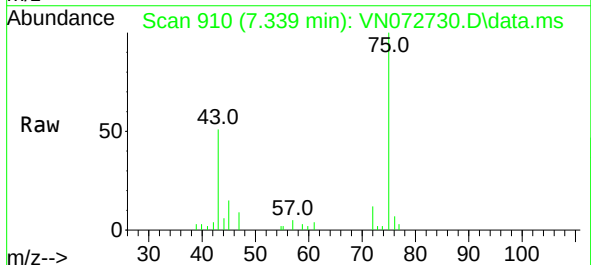
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713

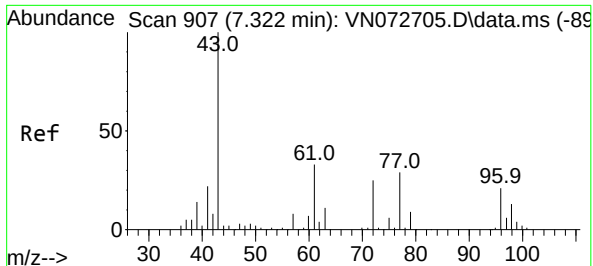
Tgt Ion: 43 Resp: 20651
Ion Ratio Lower Upper
43 100
74 12.0 21.6 32.4#



#25
2-Butanone
Concen: 2.591 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

Tgt Ion: 43 Resp: 17407
Ion Ratio Lower Upper
43 100
72 23.0 23.7 35.5#

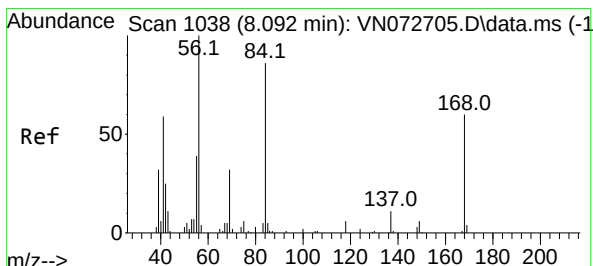
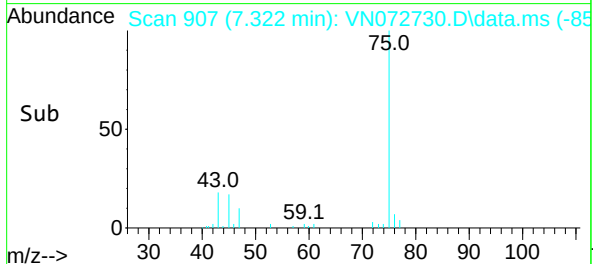
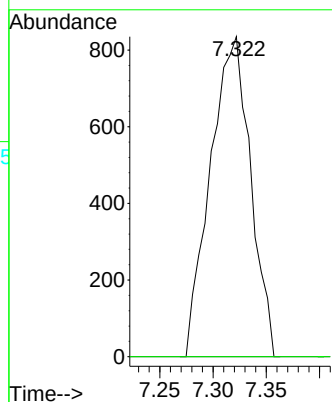
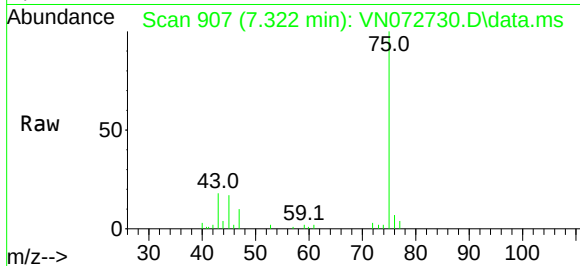




#26
2,2-Dichloropropane
Concen: 0.213 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

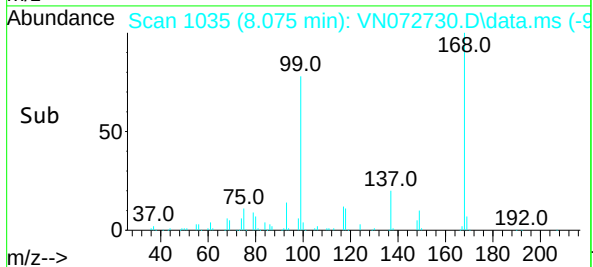
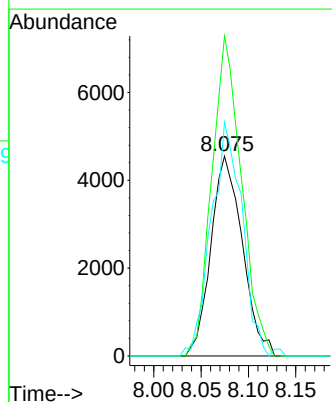
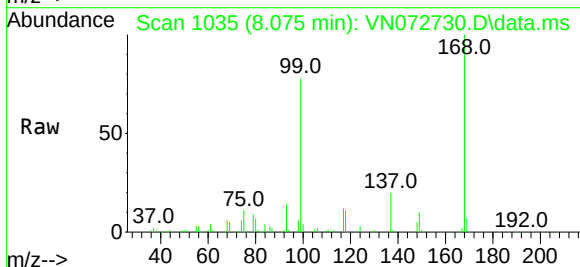
Instrument :
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AUD-1713

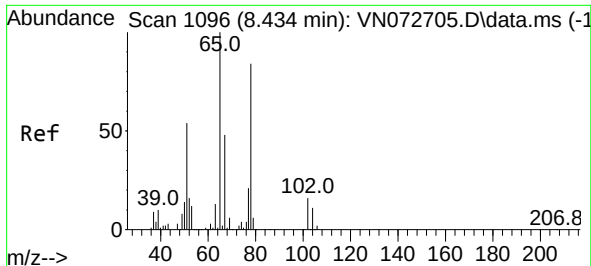
Tgt Ion: 77 Resp: 2190
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 0.433 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

Tgt Ion: 56 Resp: 10499
Ion Ratio Lower Upper
56 100
69 160.1 27.8 41.8#
84 116.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 51.267 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072730.D

Acq: 09 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

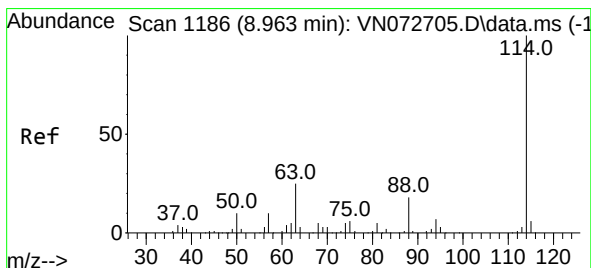
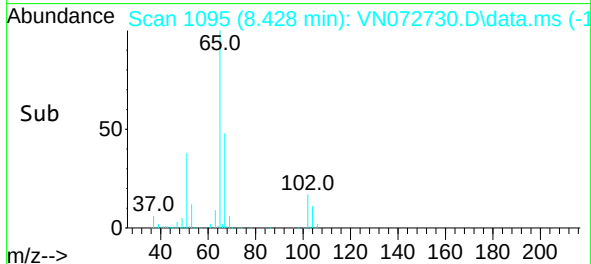
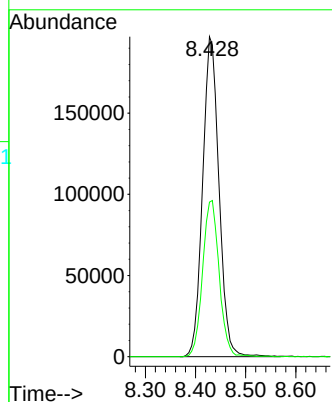
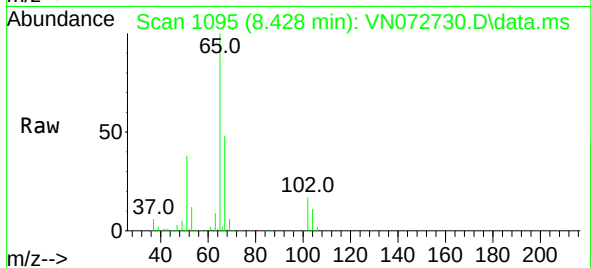
AUD-1713

Tgt Ion: 65 Resp: 446827

Ion Ratio Lower Upper

65 100

67 49.4 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: VN072730.D

Acq: 09 Jun 2022 15:03

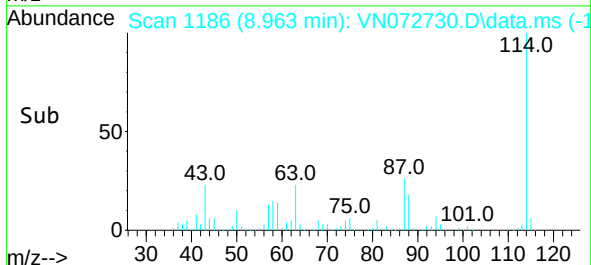
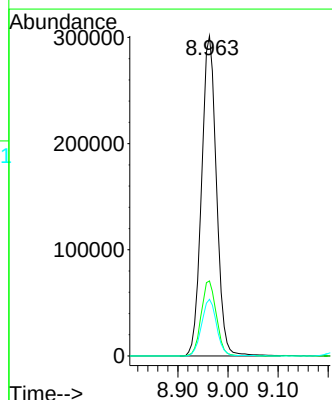
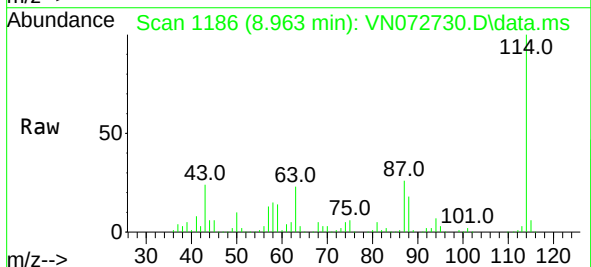
Tgt Ion: 114 Resp: 622279

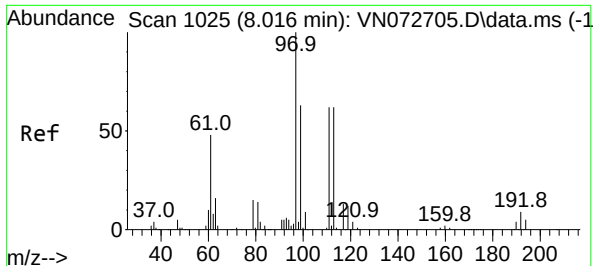
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.0

88 17.7 0.0 32.6

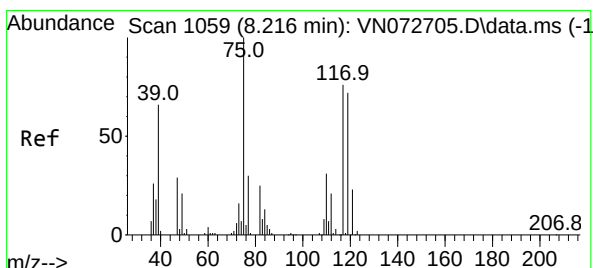
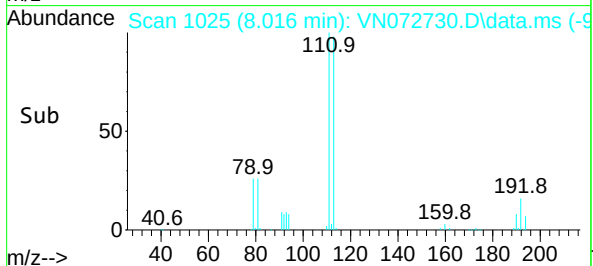
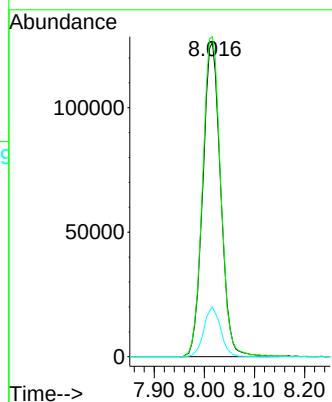
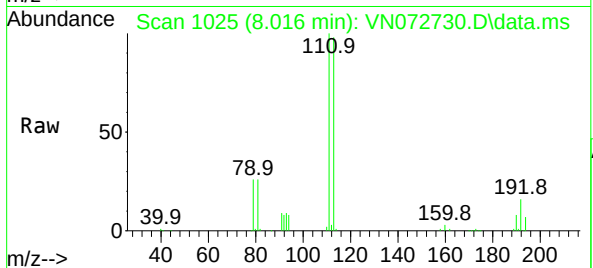




#35
Dibromofluoromethane
Concen: 50.720 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

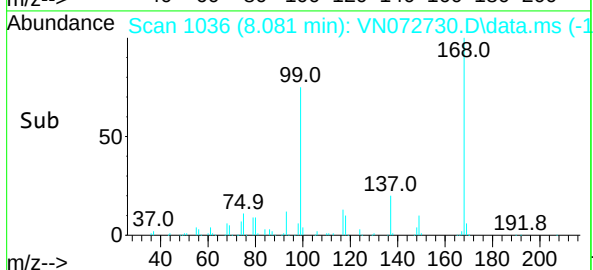
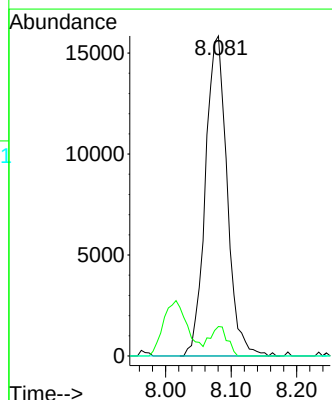
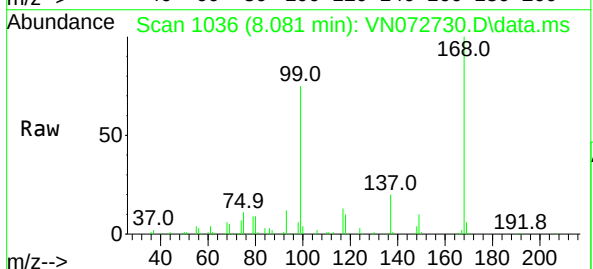
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713

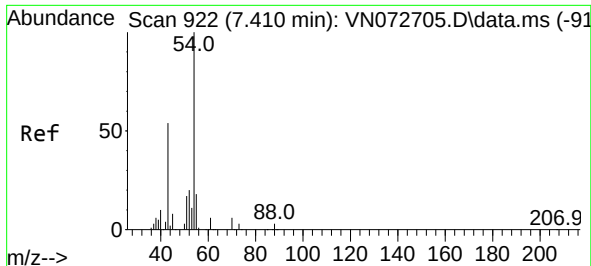
Tgt Ion:113 Resp: 312300
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 14.9 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.257 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

Tgt Ion: 75 Resp: 36381
Ion Ratio Lower Upper
75 100
110 7.4 18.3 54.8#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.311 ug/l

RT: 7.339 min Scan# 91

Delta R.T. -0.071 min

Lab File: VN072730.D

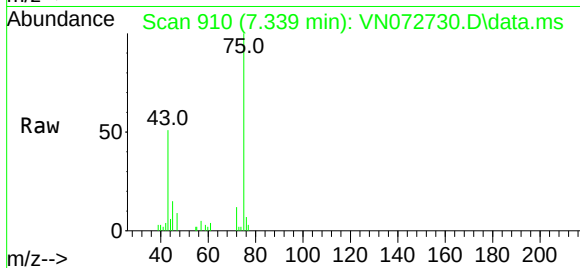
Acq: 09 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

AUD-1713



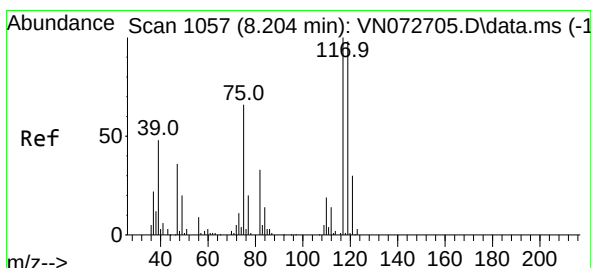
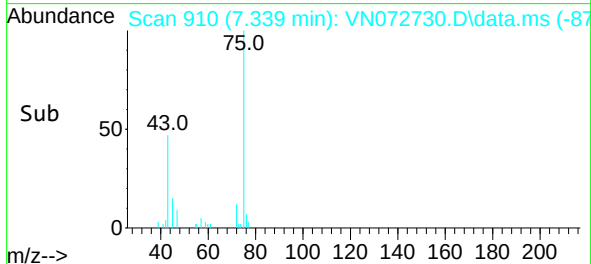
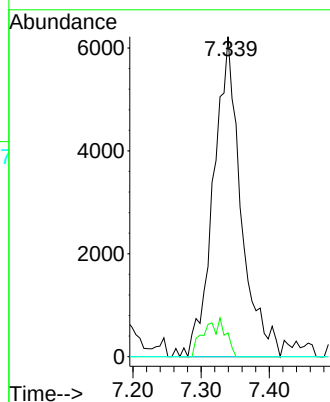
Tgt Ion: 43 Resp: 17407

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 4.404 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072730.D

Acq: 09 Jun 2022 15:03

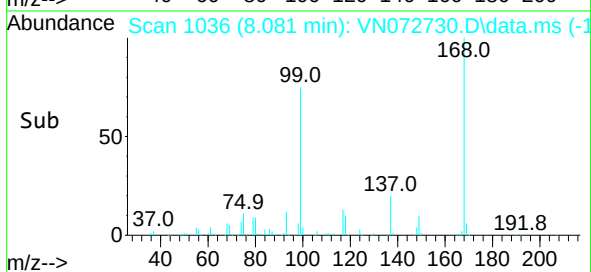
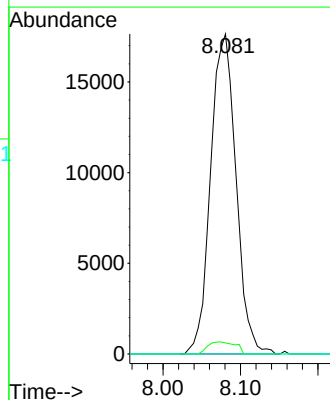
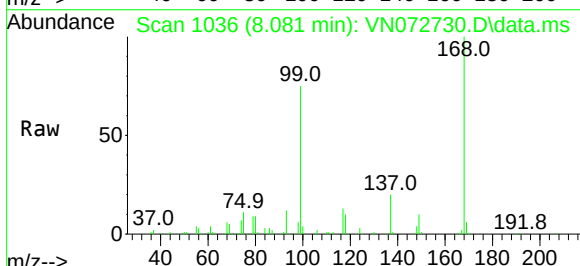
Tgt Ion: 117 Resp: 40224

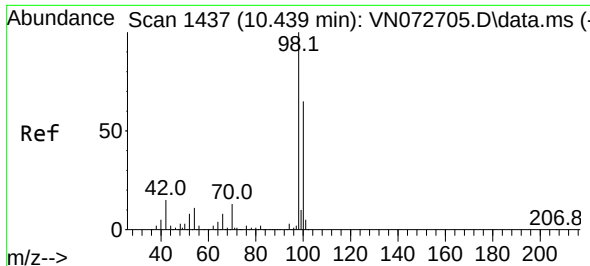
Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

121 0.0 24.6 37.0#

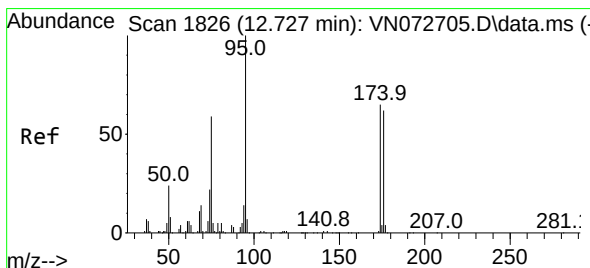
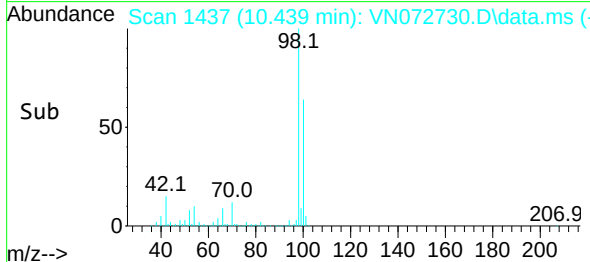
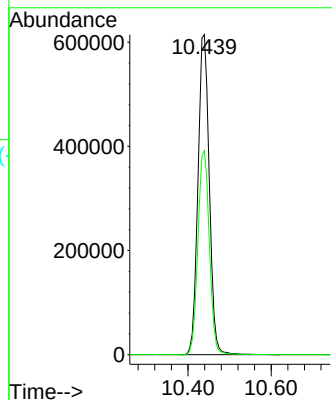
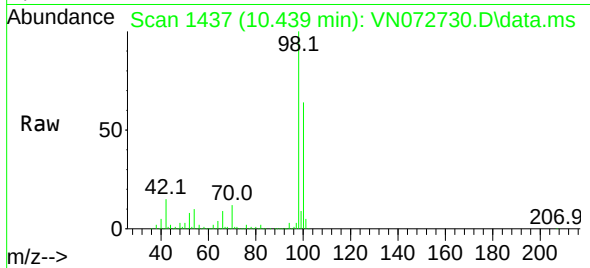




#50
Toluene-d8
Concen: 47.259 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

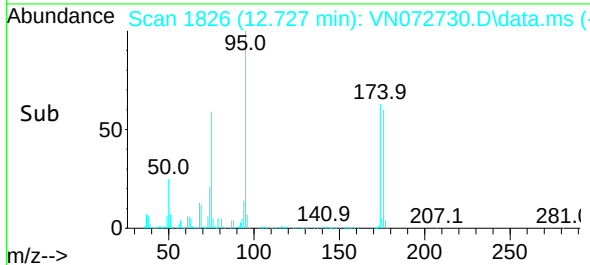
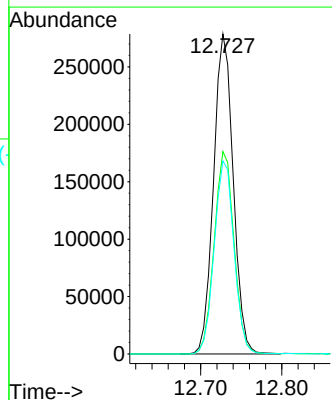
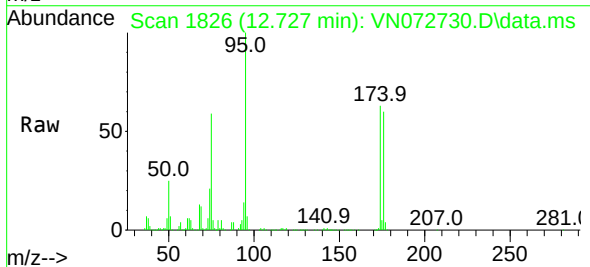
Instrument :
MSVOA_N
ClientSampleId :
AUD-1713

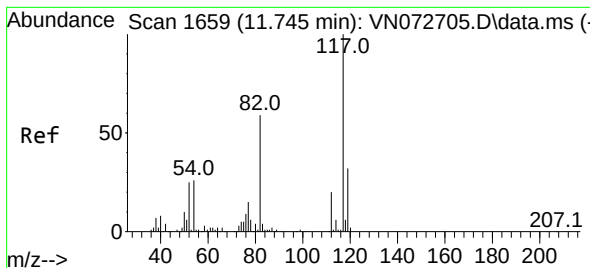
Tgt Ion: 98 Resp: 1160991
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.628 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072730.D
Acq: 09 Jun 2022 15:03

Tgt Ion: 95 Resp: 468945
Ion Ratio Lower Upper
95 100
174 63.7 0.0 167.6
176 60.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VN072730.D

Acq: 09 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

AUD-1713

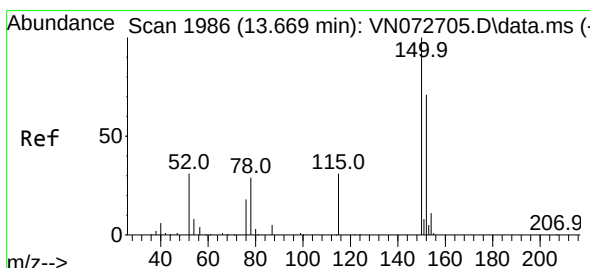
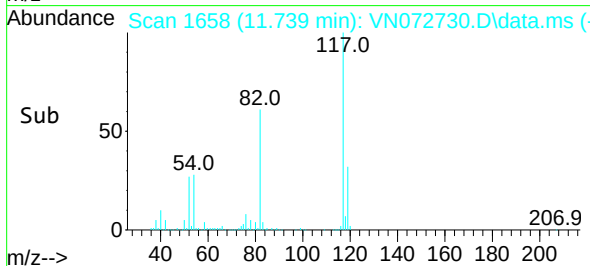
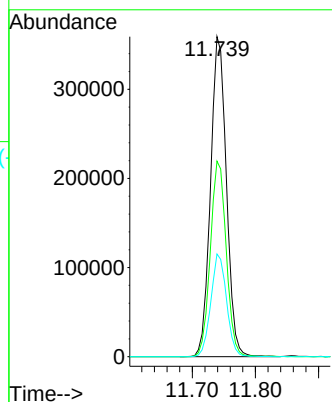
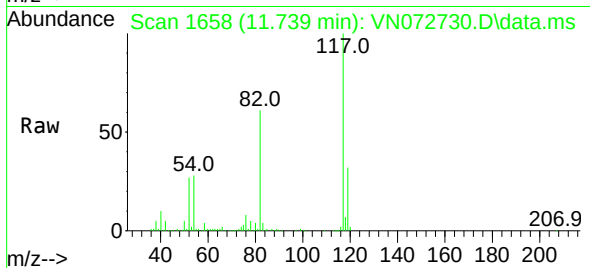
Tgt Ion:117 Resp: 627186

Ion Ratio Lower Upper

117 100

82 61.1 44.2 66.2

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.005 min

Lab File: VN072730.D

Acq: 09 Jun 2022 15:03

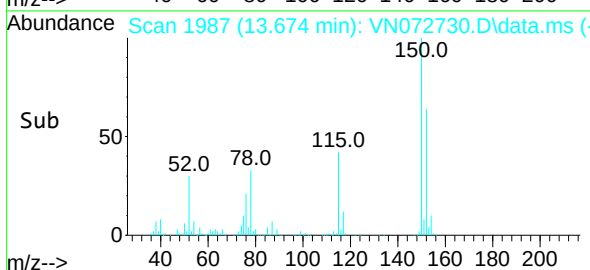
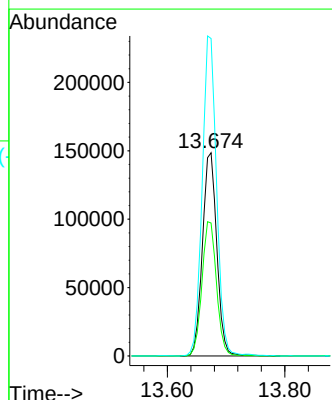
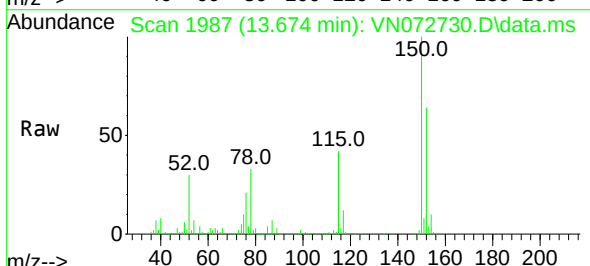
Tgt Ion:152 Resp: 251762

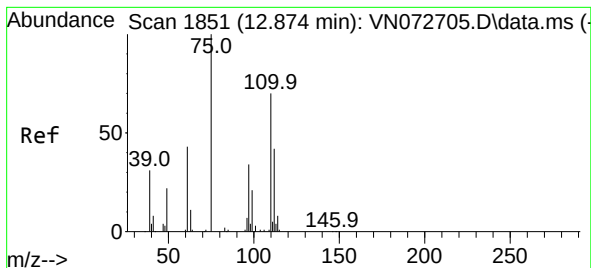
Ion Ratio Lower Upper

152 100

115 67.0 28.9 86.7

150 157.6 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 33.879 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072730.D

Acq: 09 Jun 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

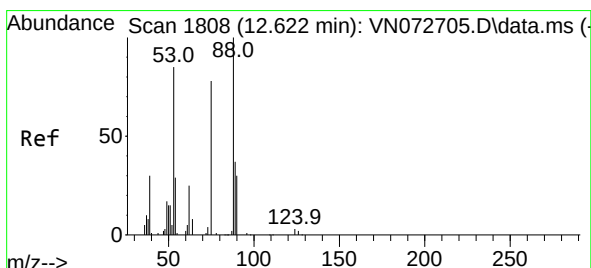
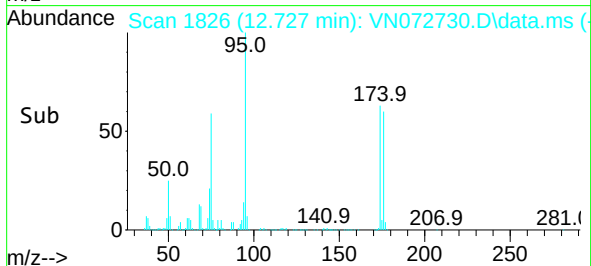
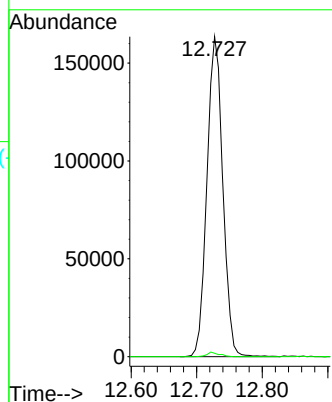
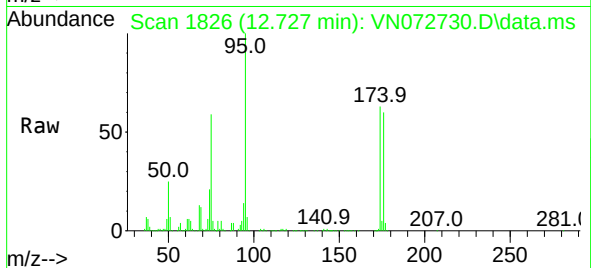
AUD-1713

Tgt Ion: 75 Resp: 275240

Ion Ratio Lower Upper

75 100

77 1.1 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.603 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072730.D

Acq: 09 Jun 2022 15:03

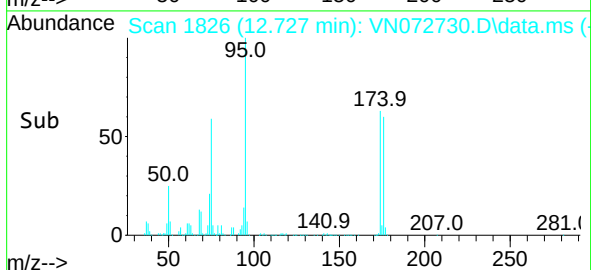
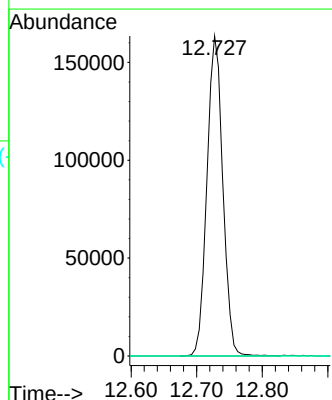
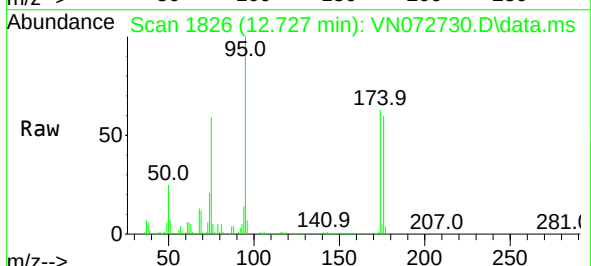
Tgt Ion: 75 Resp: 275240

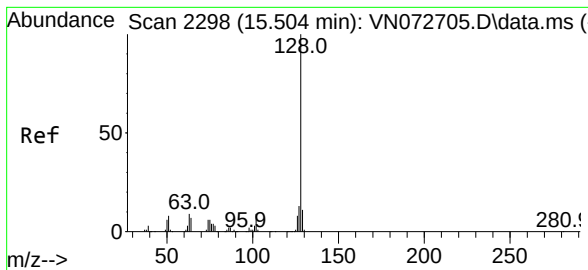
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

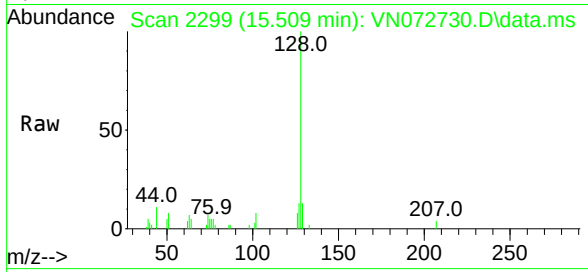
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 1.332 ug/l
 RT: 15.509 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN072730.D
 Acq: 09 Jun 2022 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1713



Tgt Ion:	128	Resp:	22032
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

