

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072729.D
 Acq On : 09 Jun 2022 14:38
 Operator : JC\MD
 Sample : N3175-20 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1712

Quant Time: Jun 09 15:50:53 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

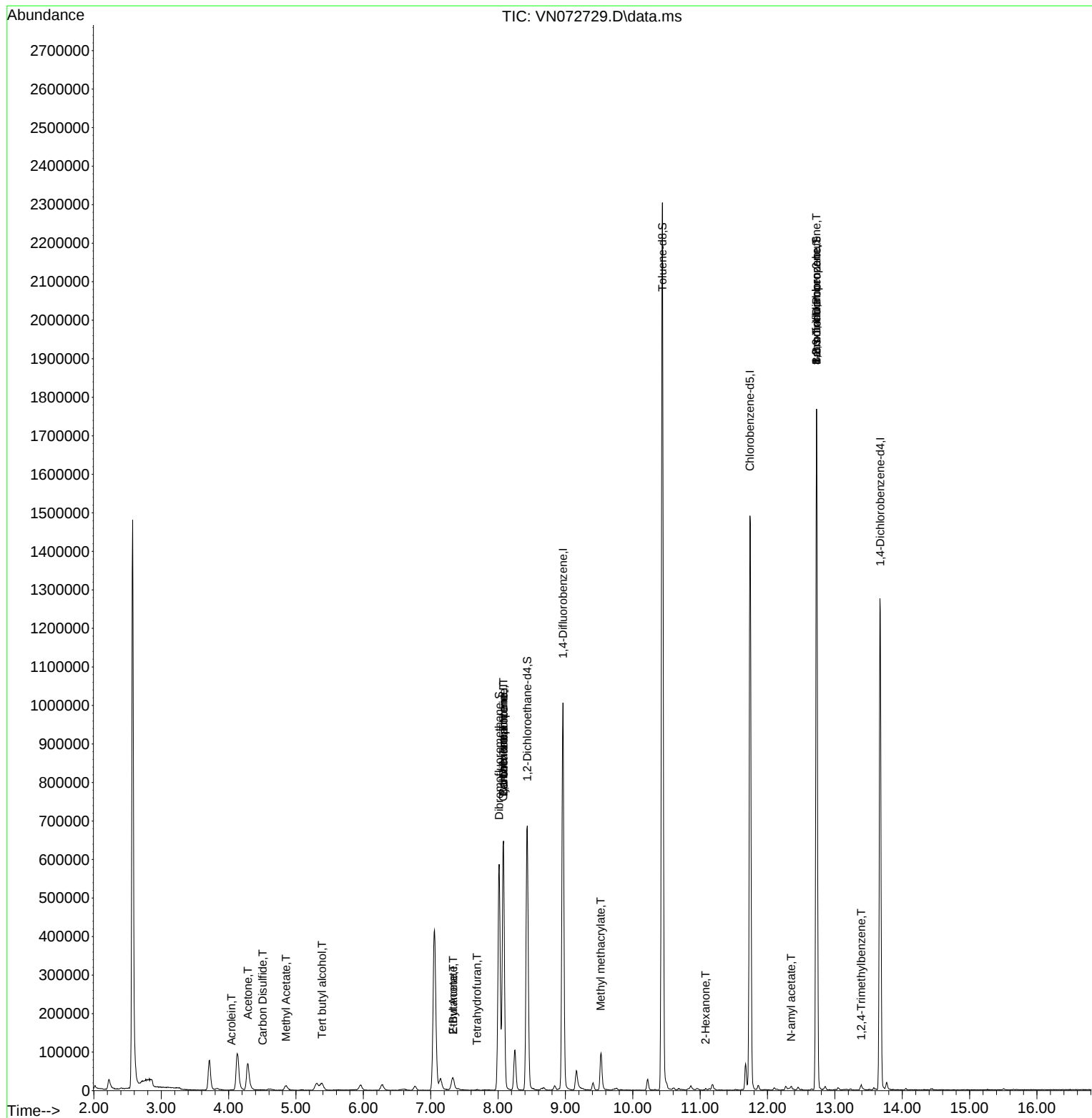
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	426877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	798138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	787446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	299949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	580725	50.687	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.380%	
35) Dibromofluoromethane	8.016	113	414023	52.425	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.840%	
50) Toluene-d8	10.439	98	1504166	47.737	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	12.727	95	596032	55.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.260%	
Target Compounds						Qvalue
3) Chloromethane	2.287	50	830	Below Cal	#	56
5) Bromomethane	2.804	94	1254	Below Cal		93
6) Chloroethane	3.010	64	439	Below Cal	#	42
11) Tert butyl alcohol	5.386	59	34557	12.644	ug/l	100
13) Acrolein	4.040	56	1532	1.357	ug/l	95
16) Acetone	4.287	43	130718	23.811	ug/l	89
17) Carbon Disulfide	4.504	76	1039	0.355	ug/l	# 75
18) Methyl Acetate	4.851	43	27405	1.919	ug/l	# 66
20) Methylene Chloride	5.081	84	1102	Below Cal	#	60
25) 2-Butanone	7.333	43	35922	4.068	ug/l	# 85
29) Tetrahydrofuran	7.686	42	1181	0.216	ug/l	# 35
31) Cyclohexane	8.075	56	13214	0.384	ug/l	# 35
36) 1,1-Dichloropropene	8.080	75	46066	4.202	ug/l	# 48
37) Ethyl Acetate	7.333	43	35922	2.109	ug/l	# 68
38) Carbon Tetrachloride	8.080	117	51666	4.410	ug/l	# 16
48) Methyl methacrylate	9.522	41	29888	2.382	ug/l	# 39
59) 2-Hexanone	11.080	43	3348	0.264	ug/l	77
71) Bromoform	12.727	173	3441	0.586	ug/l	# 28
74) N-amyl acetate	12.351	43	7397	0.495	ug/l	# 39
76) 1,2,3-Trichloropropane	12.727	75	351922	36.359	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	351922	95.088	ug/l	# 10
84) 1,2,4-Trimethylbenzene	13.392	105	5213	0.214	ug/l	# 30

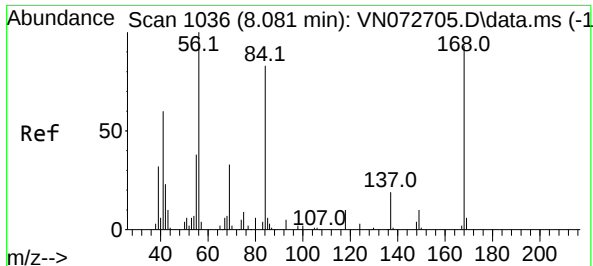
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
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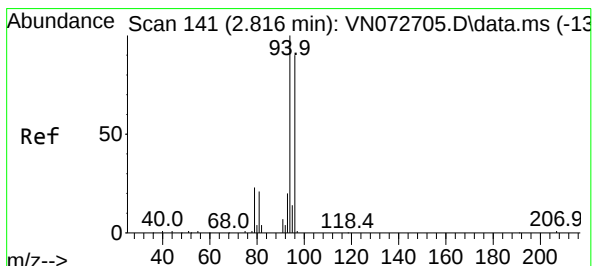
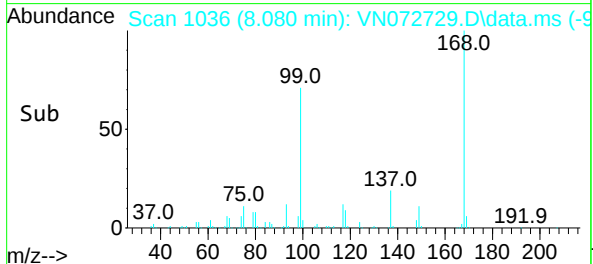
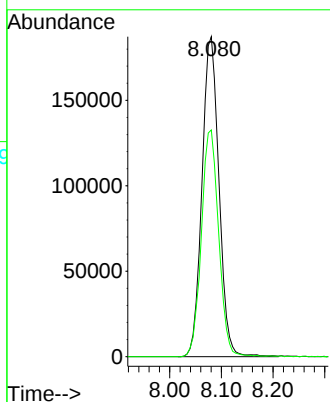
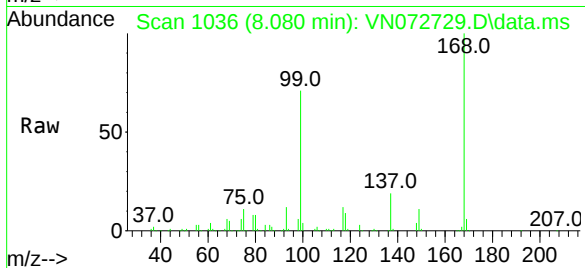




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

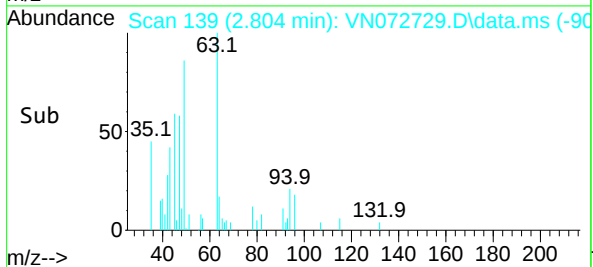
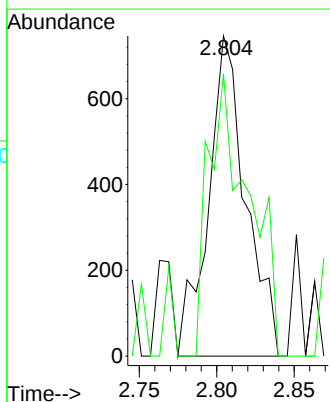
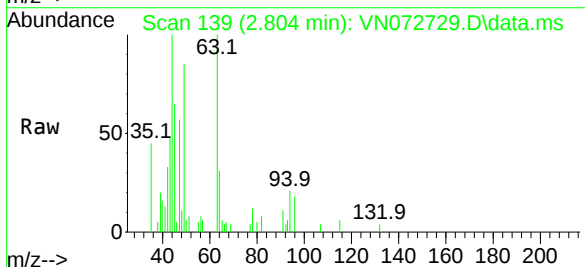
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

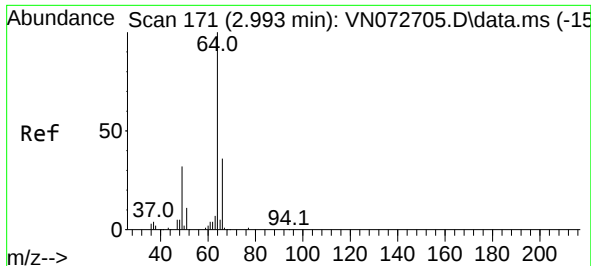
Tgt Ion:168 Resp: 426877
Ion Ratio Lower Upper
168 100
99 70.8 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.804 min Scan# 139
Delta R.T. -0.012 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 94 Resp: 1254
Ion Ratio Lower Upper
94 100
96 88.2 76.0 114.0

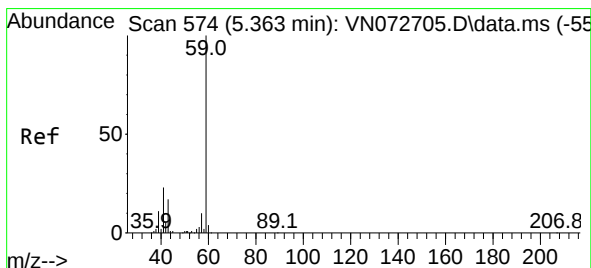
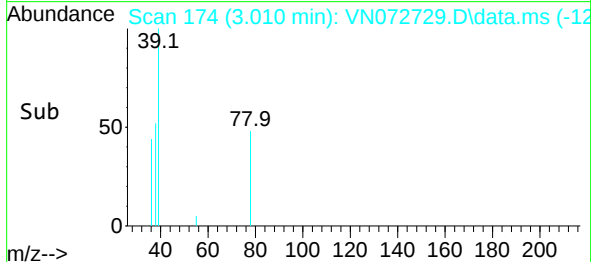
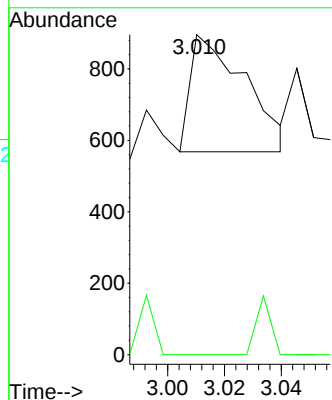
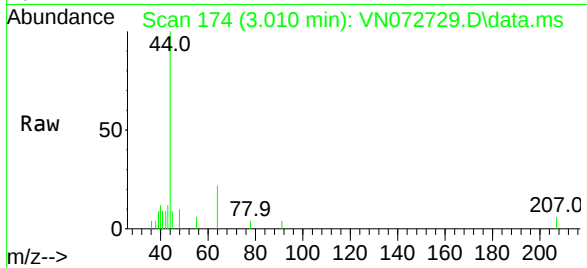




#6
Chloroethane
Concen: Below Cal
RT: 3.010 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

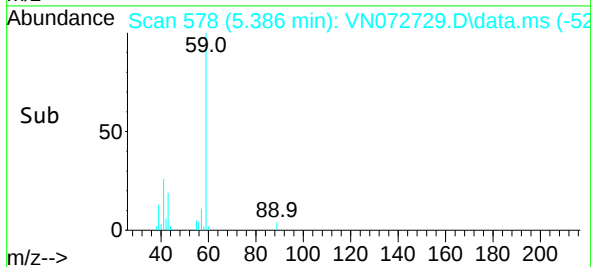
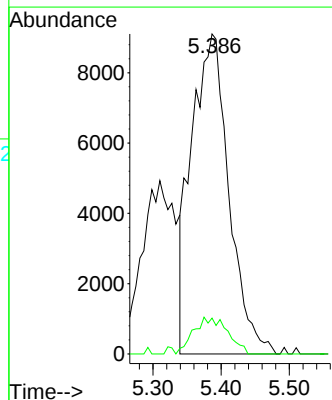
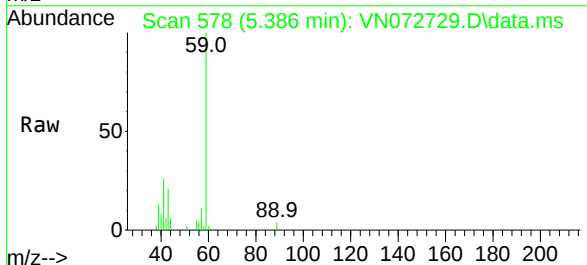
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

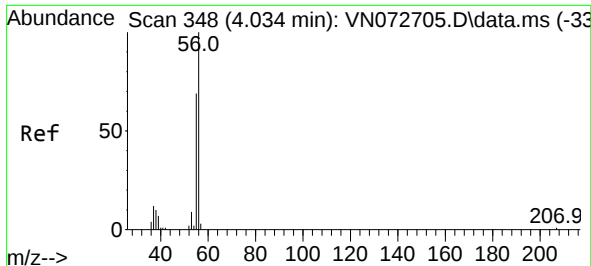
Tgt Ion: 64 Resp: 439
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 12.644 ug/l
RT: 5.386 min Scan# 578
Delta R.T. 0.023 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

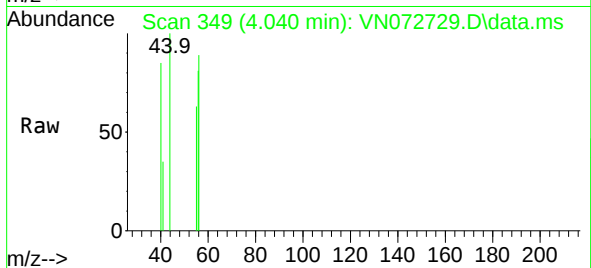
Tgt Ion: 59 Resp: 34557
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



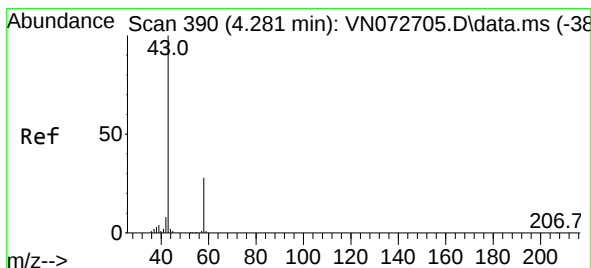
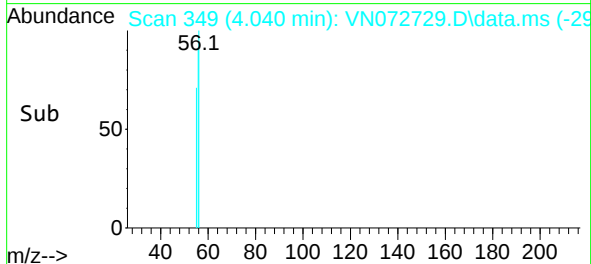
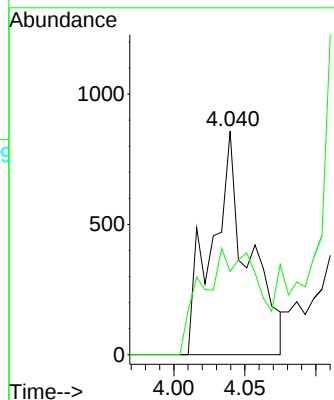


#13
Acrolein
Concen: 1.357 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

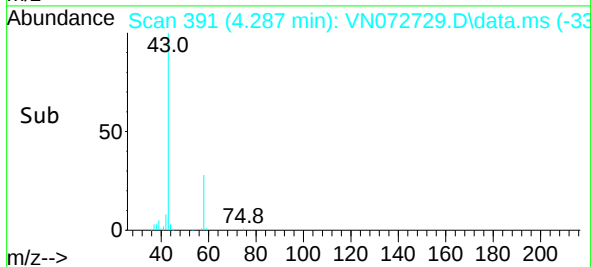
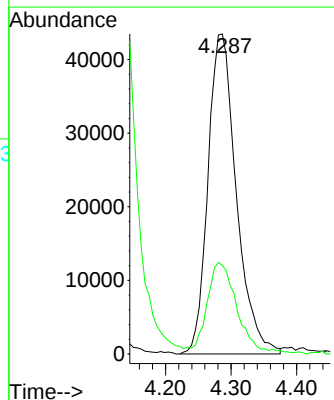
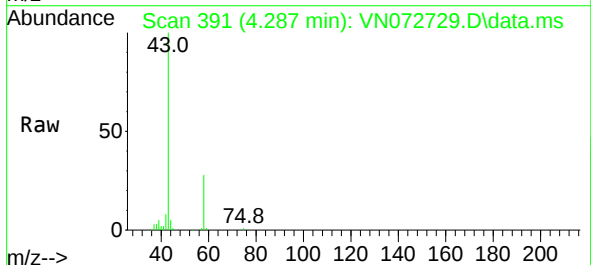


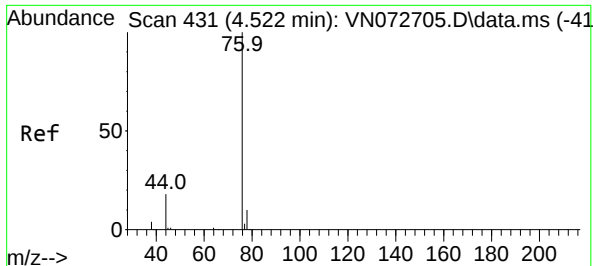
Tgt Ion: 56 Resp: 1532
Ion Ratio Lower Upper
56 100
55 72.4 54.8 82.2



#16
Acetone
Concen: 23.811 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 43 Resp: 130718
Ion Ratio Lower Upper
43 100
58 26.5 26.0 39.0





#17

Carbon Disulfide

Concen: 0.355 ug/l

RT: 4.504 min Scan# 431

Delta R.T. -0.018 min

Lab File: VN072729.D

Acq: 09 Jun 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

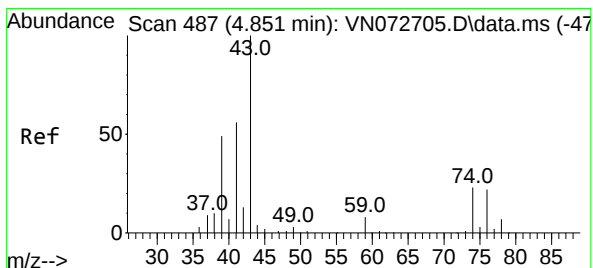
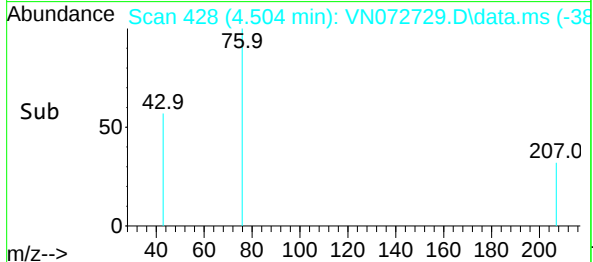
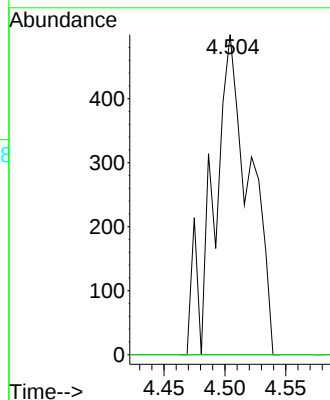
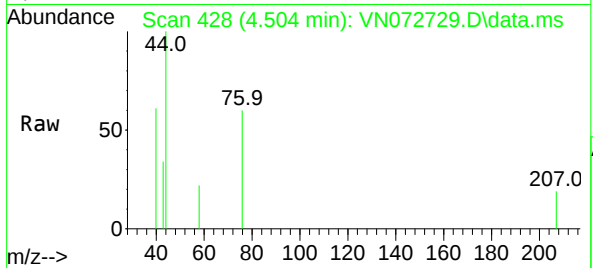
AUD-1712

Tgt Ion: 76 Resp: 1039

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 1.919 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN072729.D

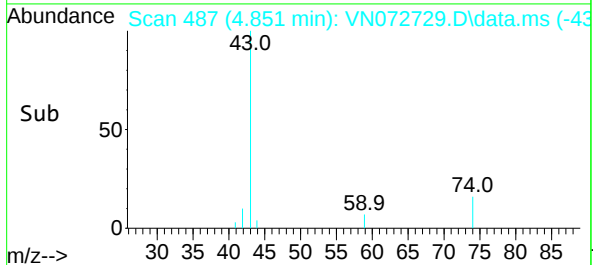
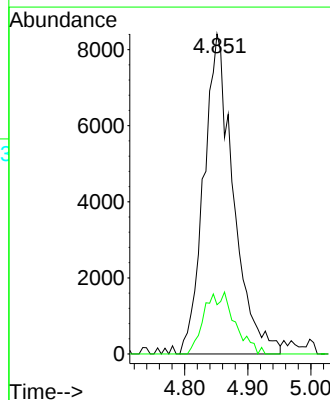
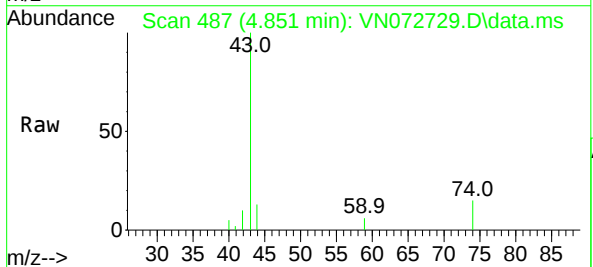
Acq: 09 Jun 2022 14:38

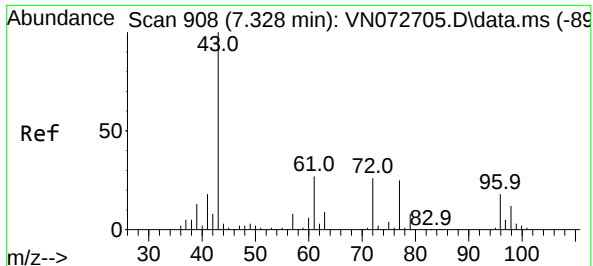
Tgt Ion: 43 Resp: 27405

Ion Ratio Lower Upper

43 100

74 9.5 21.6 32.4#

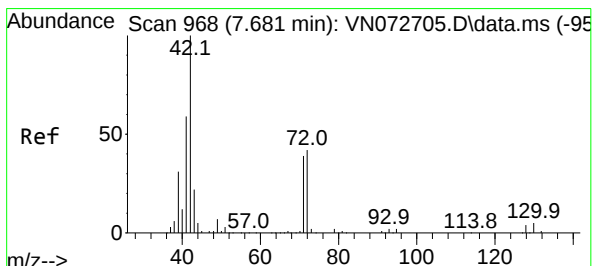
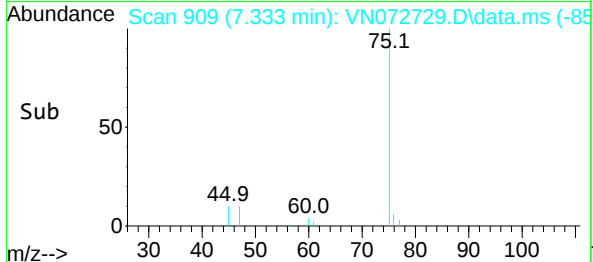
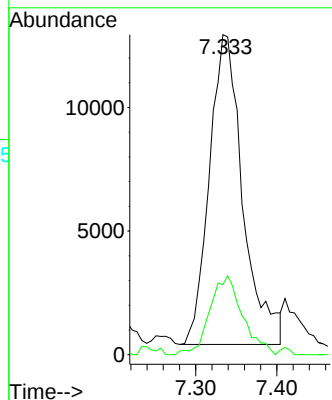
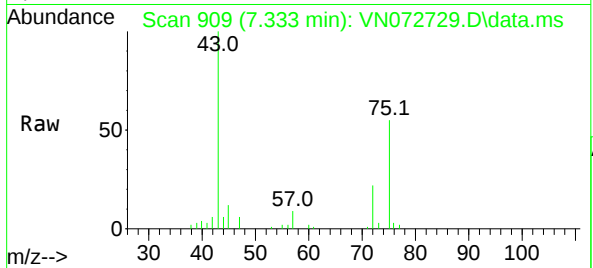




#25
2-Butanone
Concen: 4.068 ug/l
RT: 7.333 min Scan# 908
Delta R.T. 0.005 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

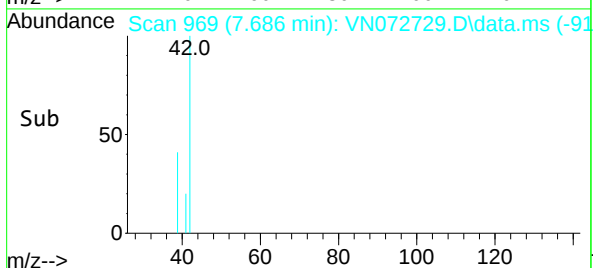
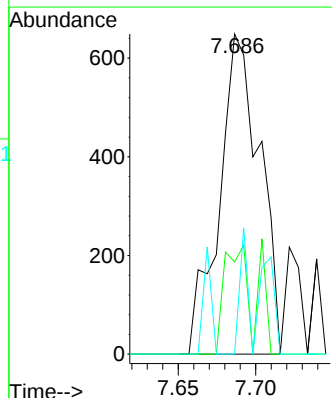
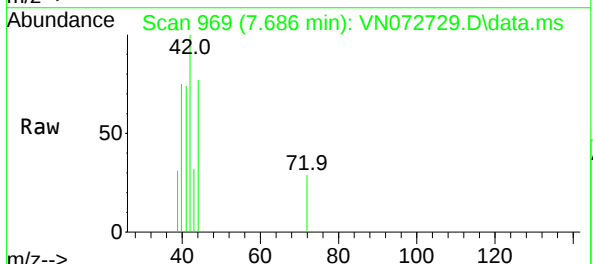
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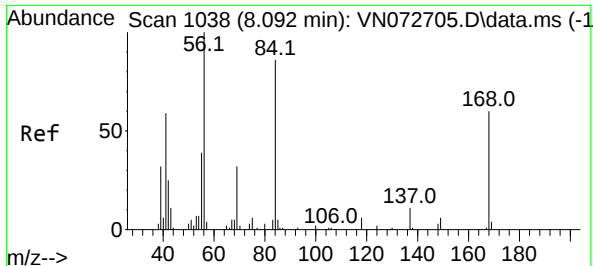
Tgt Ion: 43 Resp: 35922
Ion Ratio Lower Upper
43 100
72 21.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 7.686 min Scan# 969
Delta R.T. 0.005 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 42 Resp: 1181
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 7.6 36.6 55.0#

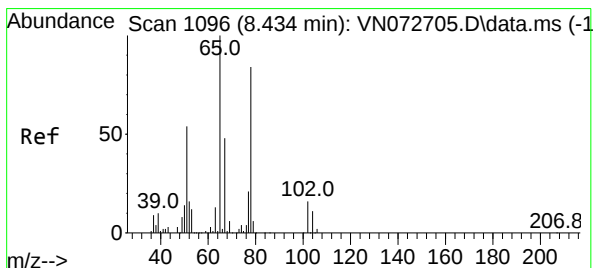
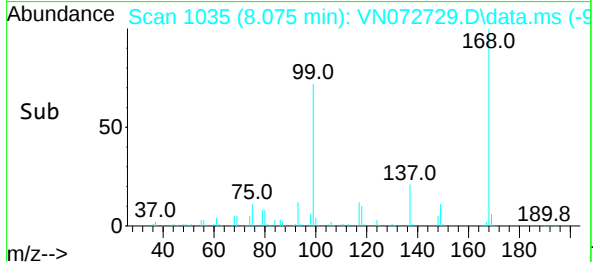
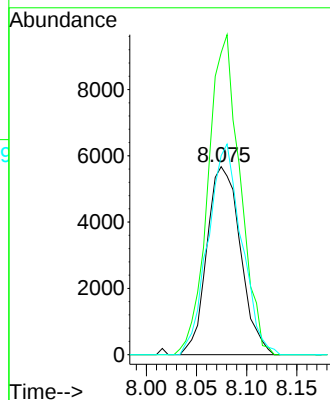
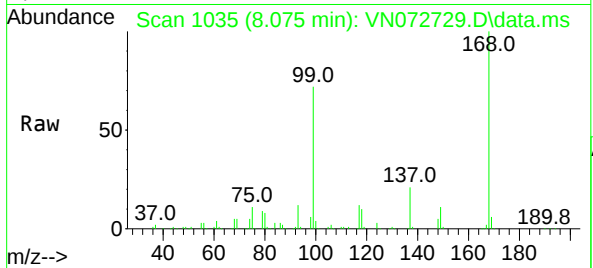




#31
Cyclohexane
Concen: 0.384 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

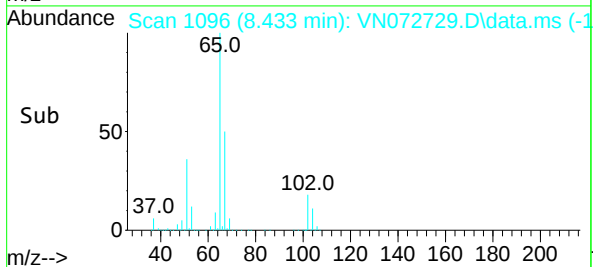
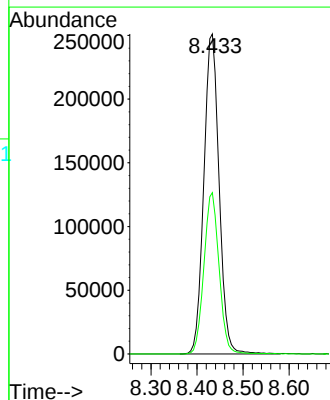
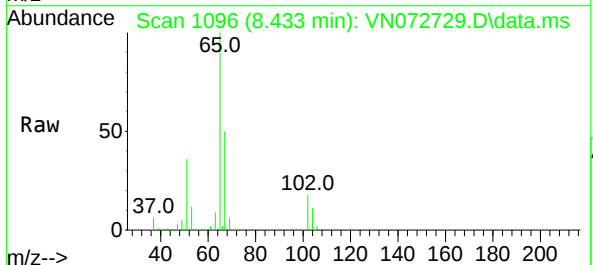
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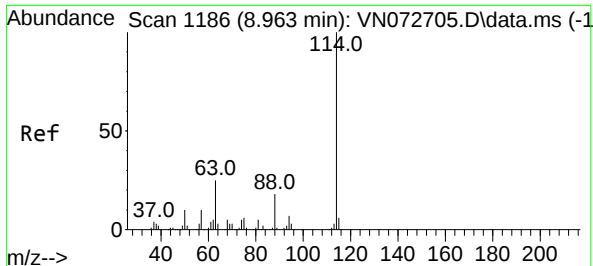
Tgt Ion: 56 Resp: 13214
Ion Ratio Lower Upper
56 100
69 160.5 27.8 41.8#
84 105.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.687 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 65 Resp: 580725
Ion Ratio Lower Upper
65 100
67 50.0 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: VN072729.D

Acq: 09 Jun 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

AUD-1712

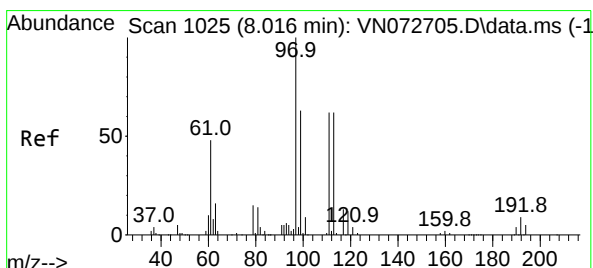
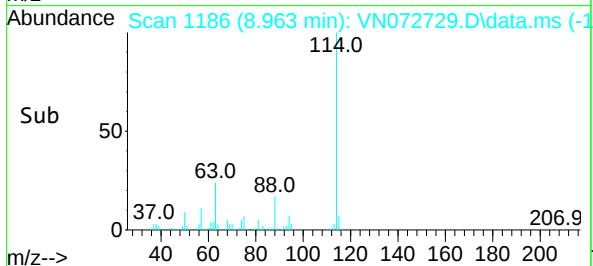
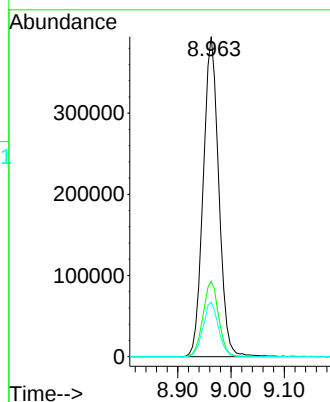
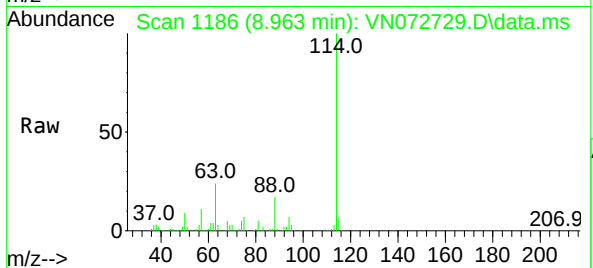
Tgt Ion:114 Resp: 798138

Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.425 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072729.D

Acq: 09 Jun 2022 14:38

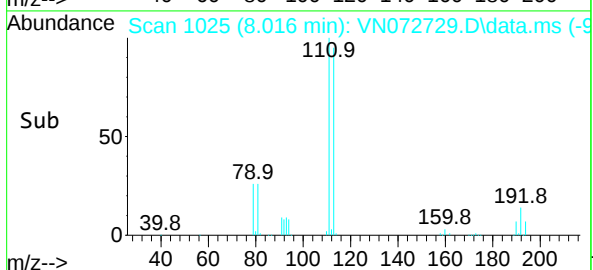
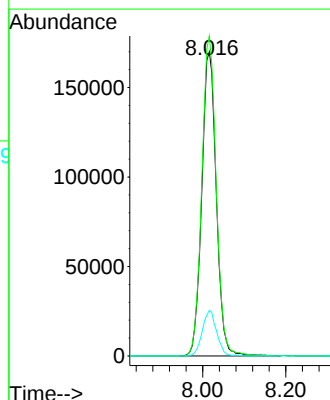
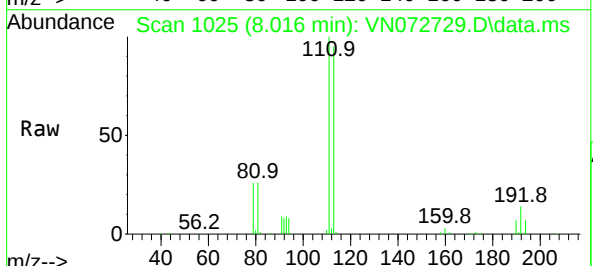
Tgt Ion:113 Resp: 414023

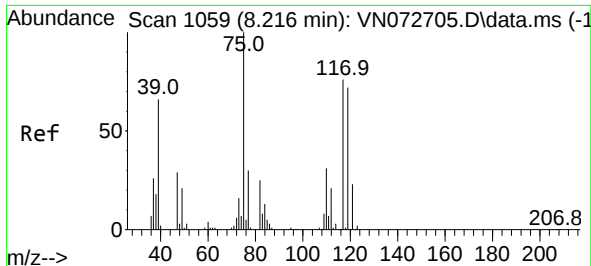
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 14.7 17.0 25.6#

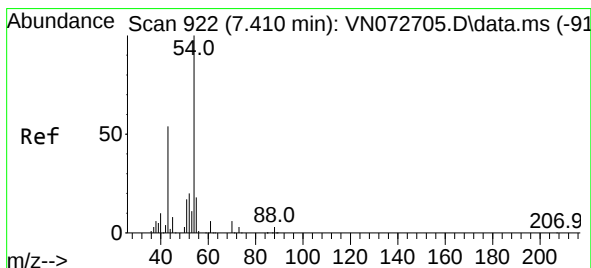
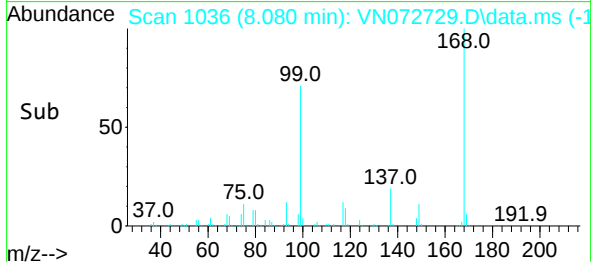
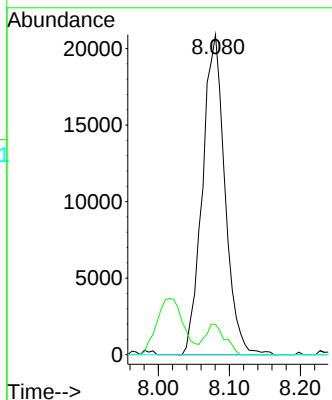
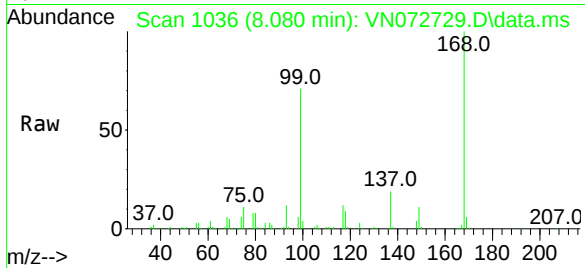




#36
1,1-Dichloropropene
Concen: 4.202 ug/l
RT: 8.080 min Scan# 1059
Delta R.T. -0.136 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

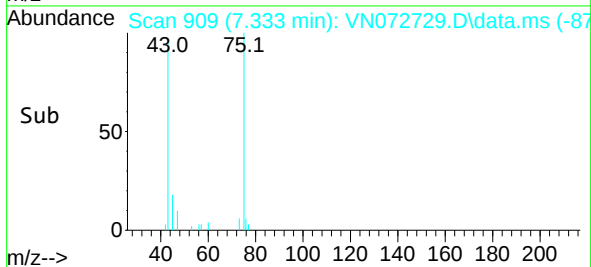
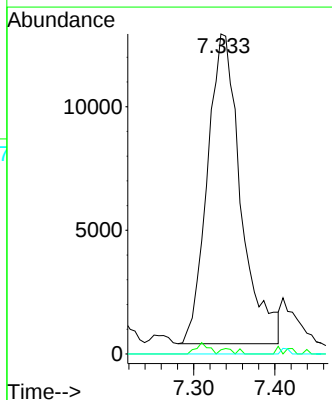
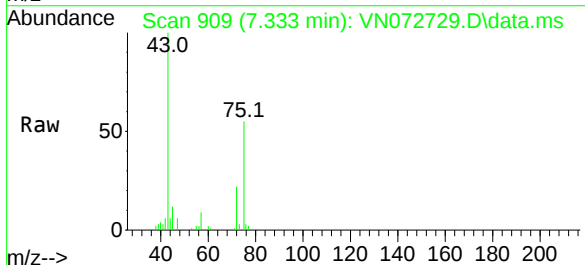
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

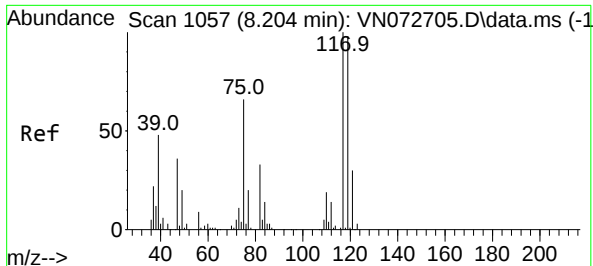
Tgt Ion: 75 Resp: 46066
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.109 ug/l
RT: 7.333 min Scan# 909
Delta R.T. -0.077 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 43 Resp: 35922
Ion Ratio Lower Upper
43 100
61 0.8 11.8 17.6#
70 0.0 9.3 13.9#

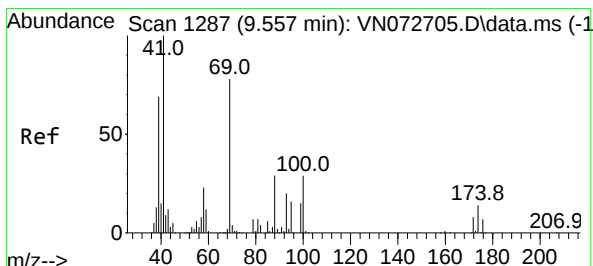
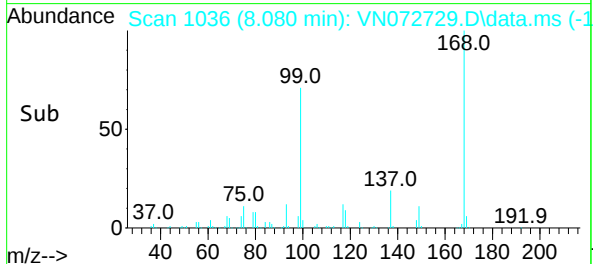
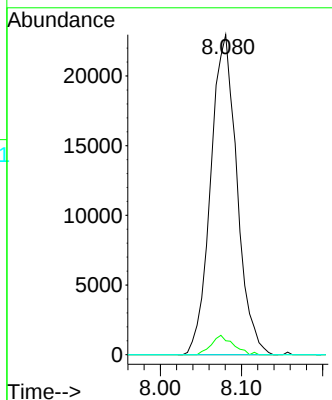
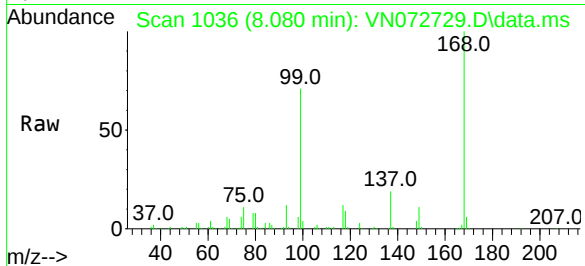




#38
Carbon Tetrachloride
Concen: 4.410 ug/l
RT: 8.080 min Scan# 1057
Delta R.T. -0.124 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

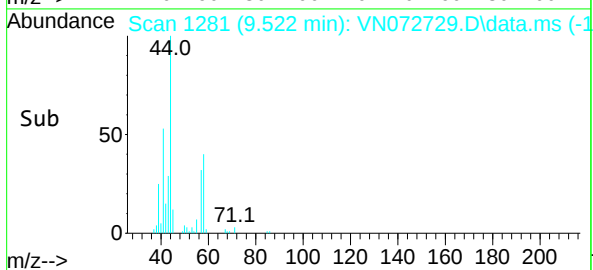
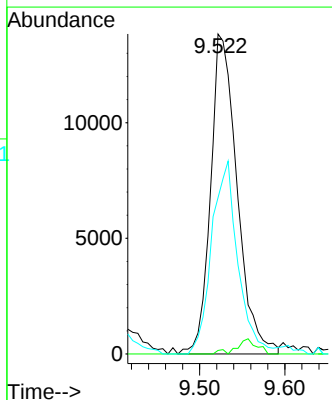
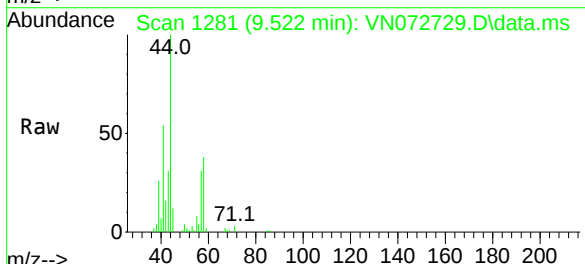
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

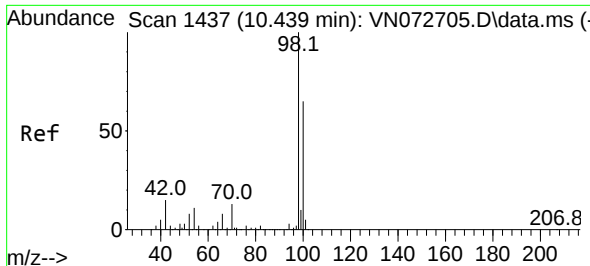
Tgt Ion:117 Resp: 51666
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#48
Methyl methacrylate
Concen: 2.382 ug/l
RT: 9.522 min Scan# 1281
Delta R.T. -0.035 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 41 Resp: 29888
Ion Ratio Lower Upper
41 100
69 0.4 74.7 112.1#
39 59.5 45.6 68.4

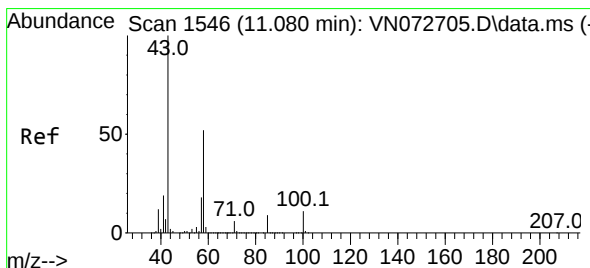
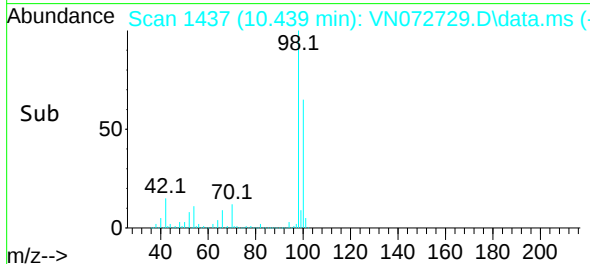
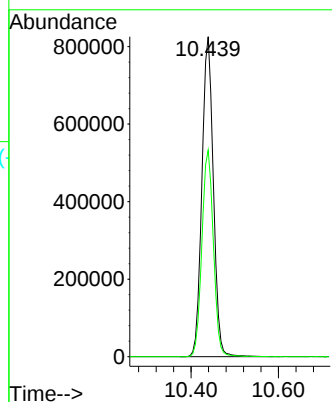
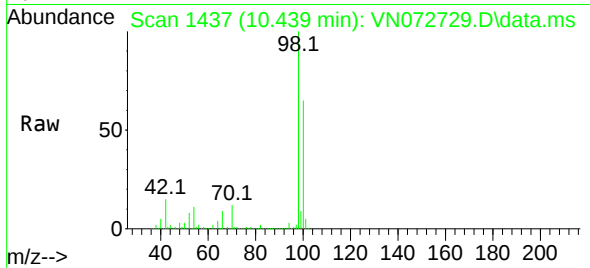




#50
Toluene-d8
Concen: 47.737 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

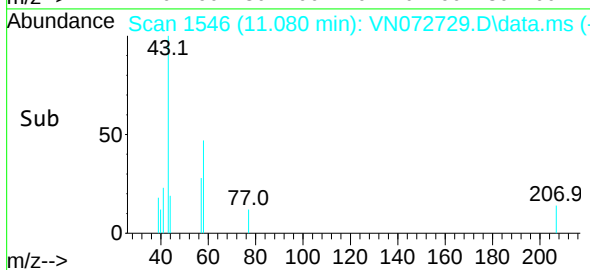
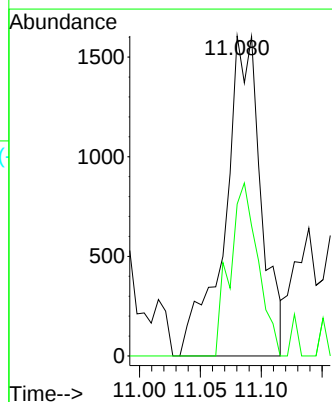
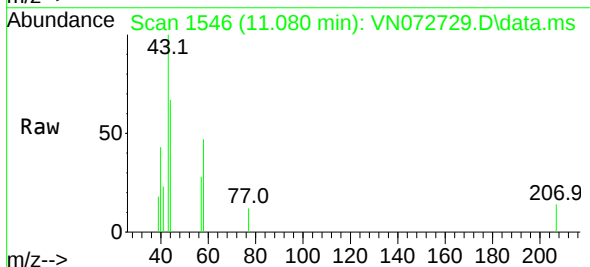
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

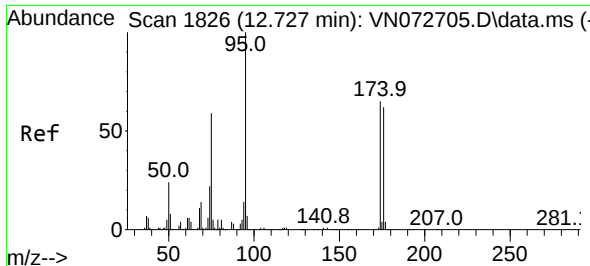
Tgt Ion: 98 Resp: 1504166
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#59
2-Hexanone
Concen: 0.264 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
58 41.8 29.7 89.1

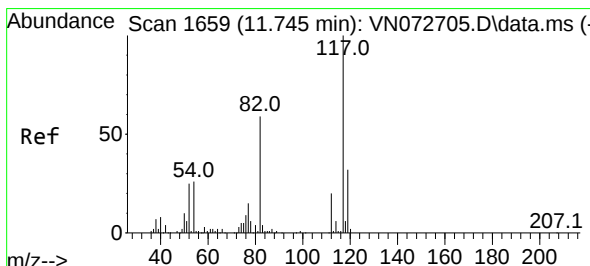
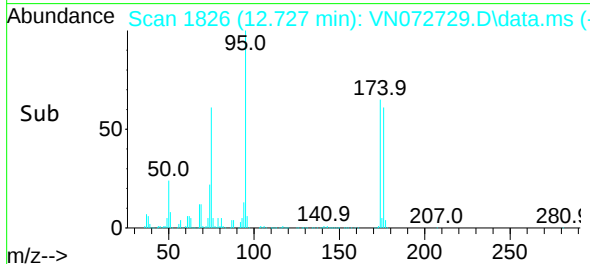
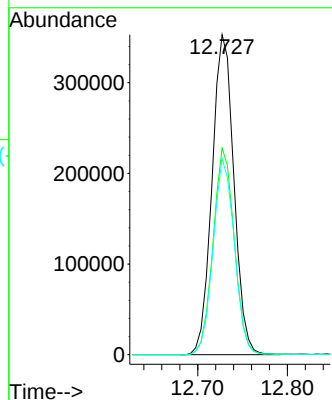
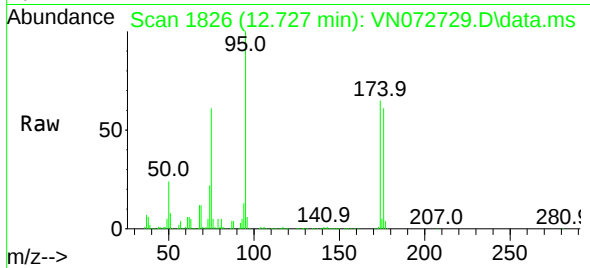




#62
4-Bromofluorobenzene
Concen: 55.125 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

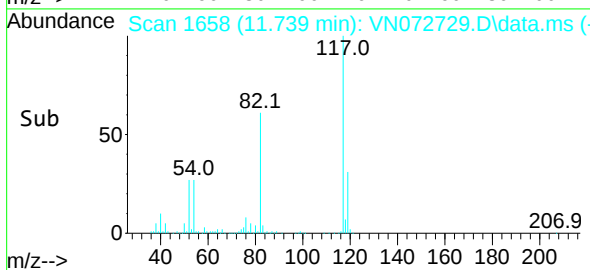
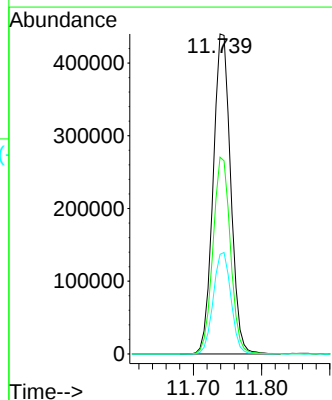
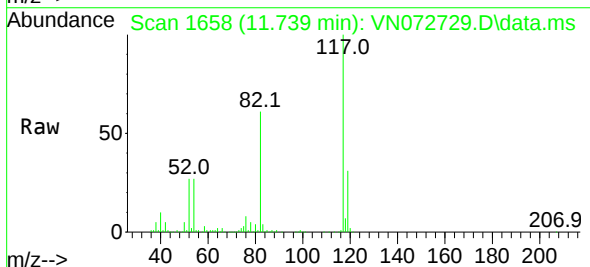
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

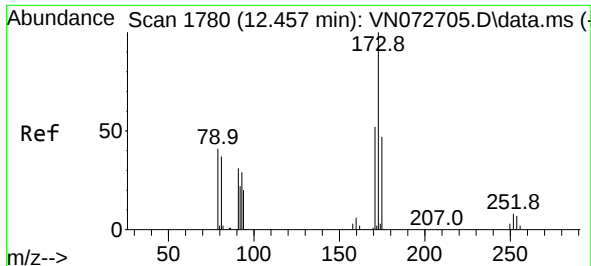
Tgt Ion: 95 Resp: 596032
Ion Ratio Lower Upper
95 100
174 62.8 0.0 167.6
176 60.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 117 Resp: 787446
Ion Ratio Lower Upper
117 100
82 61.5 44.2 66.2
119 31.1 25.4 38.0

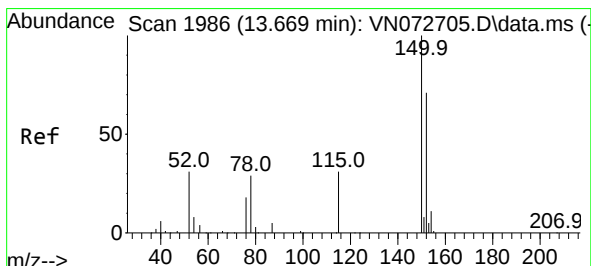
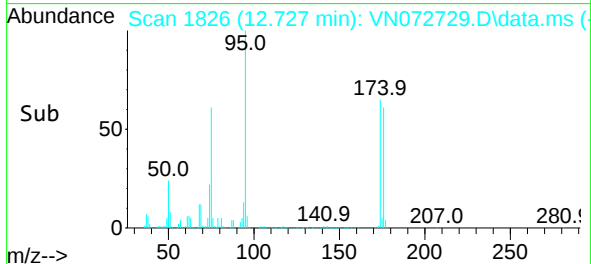
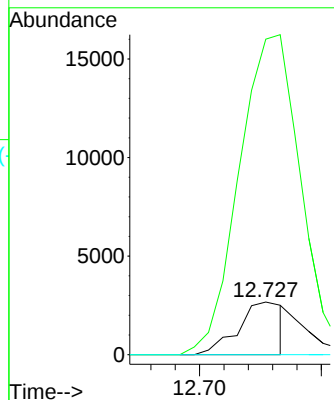
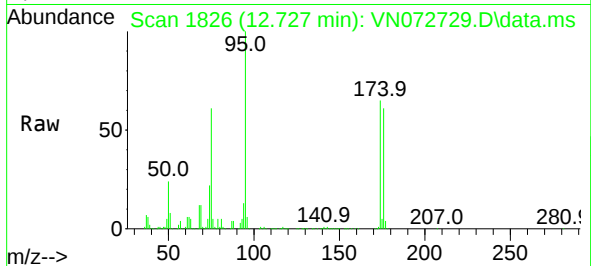




#71
Bromoform
Concen: 0.586 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

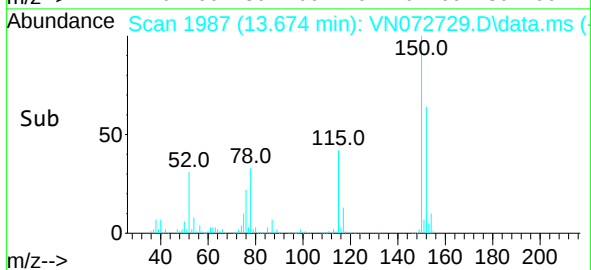
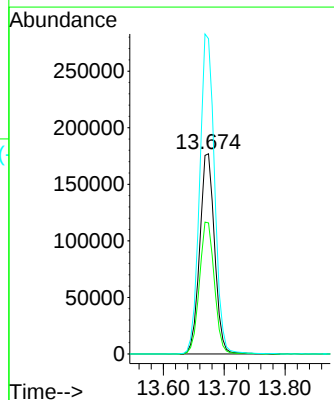
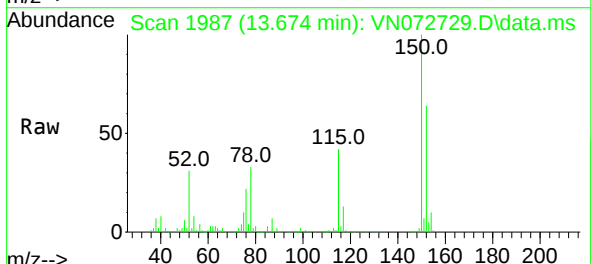
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

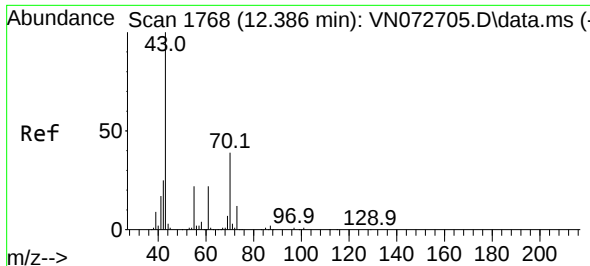
Tgt Ion:173 Resp: 3441
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion:152 Resp: 299949
Ion Ratio Lower Upper
152 100
115 66.6 28.9 86.7
150 160.7 0.0 356.2

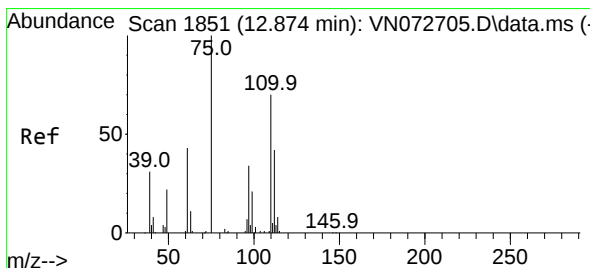
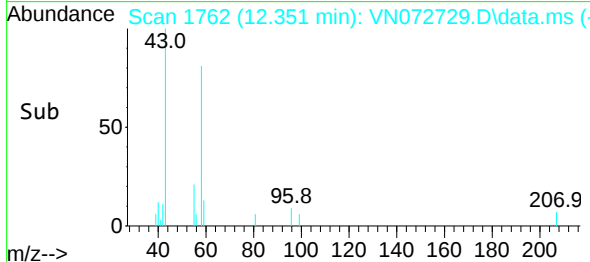
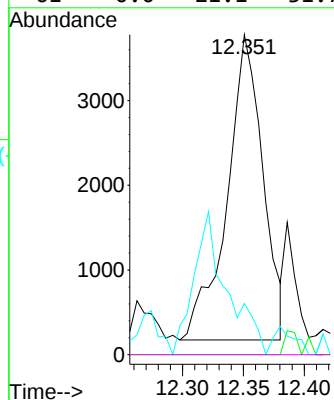
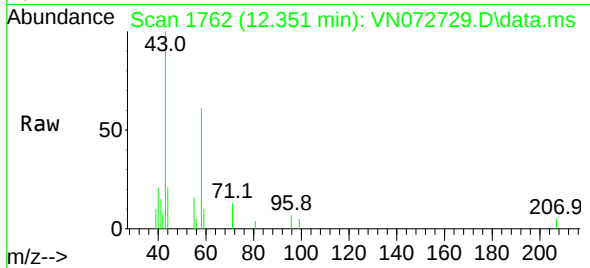




#74
N-amy1 acetate
Concen: 0.495 ug/l
RT: 12.351 min Scan# 1762
Delta R.T. -0.035 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

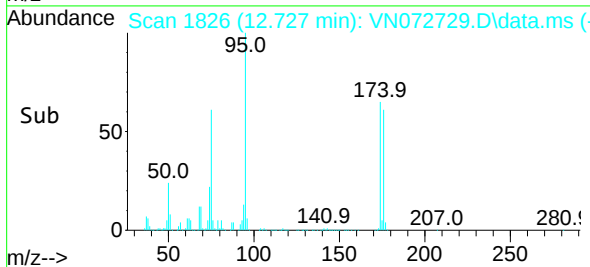
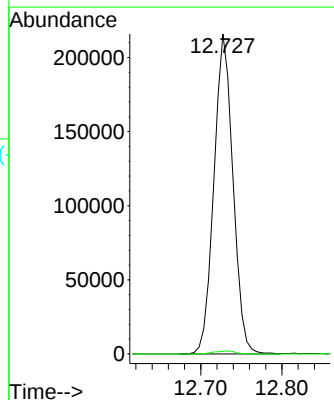
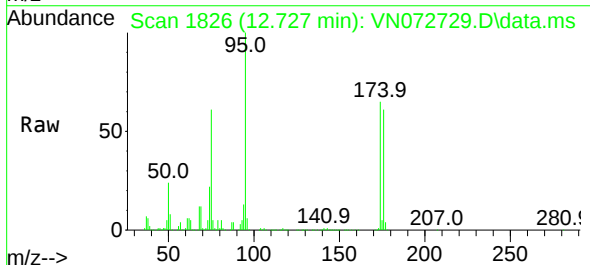
Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

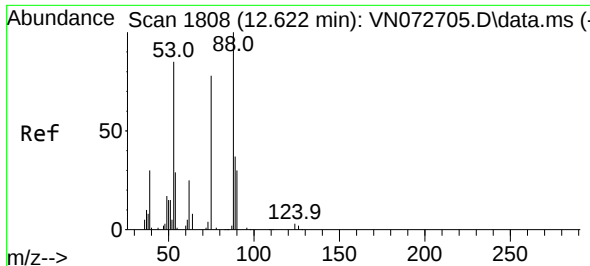
Tgt Ion: 43 Resp: 7397
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 36.359 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 75 Resp: 351922
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

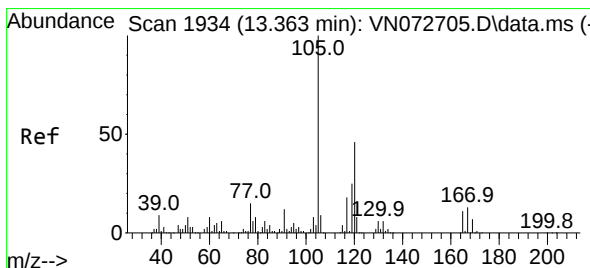
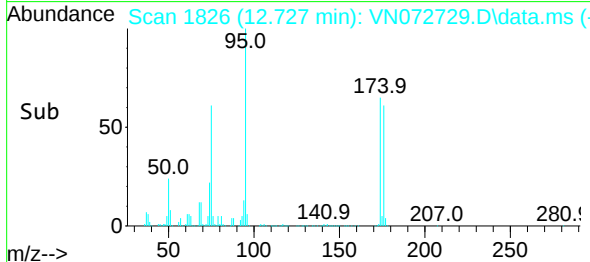
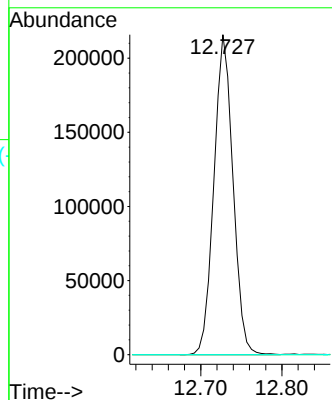
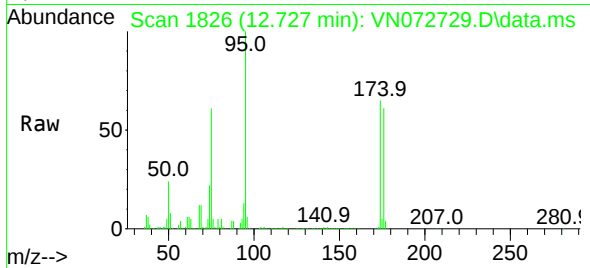




#81
trans-1,4-Dichloro-2-butene
Concen: 95.088 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1712

Tgt Ion: 75 Resp: 351922
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 13.392 min Scan# 1939
Delta R.T. 0.029 min
Lab File: VN072729.D
Acq: 09 Jun 2022 14:38

Tgt Ion: 105 Resp: 5213
Ion Ratio Lower Upper
105 100
120 0.0 23.3 69.8#

