

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078576.D
 Acq On : 19 Jul 2023 13:24
 Operator : JC\MD
 Sample : 03664-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1007

Quant Time: Jul 20 01:32:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	396021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	709978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	649767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258818	48.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.171	113	262977	54.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.120%
50) Toluene-d8	10.571	98	835976	45.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.840%
62) 4-Bromofluorobenzene	12.859	95	282959	50.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.920%

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	1629	0.309 ug/l	#	69
5) Bromomethane	2.977	94	3803	Below Cal		86
6) Chloroethane	3.118	64	242	Below Cal	#	66
10) Methyl Iodide	4.618	142	3479	0.586 ug/l	#	83
11) Tert butyl alcohol	5.536	59	951	1.162 ug/l	#	72
13) Acrolein	4.189	56	364	0.452 ug/l	#	74
15) Acrylonitrile	5.742	53	1367	0.661 ug/l	#	69
16) Acetone	4.465	43	6083	3.678 ug/l		88
18) Methyl Acetate	5.048	43	1927	0.275 ug/l	#	72
20) Methylene Chloride	5.295	84	2622	Below Cal	#	70
25) 2-Butanone	7.506	43	1648	0.633 ug/l		92
29) Tetrahydrofuran	7.853	42	396	0.232 ug/l	#	34
31) Cyclohexane	8.236	56	9776	1.363 ug/l	#	11
36) 1,1-Dichloropropene	8.230	75	33147	4.763 ug/l	#	48
38) Carbon Tetrachloride	8.230	117	42461	5.614 ug/l	#	16
43) Isopropyl Acetate	8.712	43	8044	0.842 ug/l	#	49
49) 1,4-Dioxane	9.712	88	70	0.725 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.453	43	3168	0.558 ug/l	#	70
52) Toluene	10.635	92	3089	0.242 ug/l		76
58) 2-Chloroethyl Vinyl ether	10.165	63	2338	0.932 ug/l	#	85
59) 2-Hexanone	11.206	43	4105	1.017 ug/l		60
67) Ethyl Benzene	11.971	91	5850	0.238 ug/l	#	70
68) m/p-Xylenes	12.076	106	6348	0.699 ug/l		96
69) o-Xylene	12.406	106	5378	0.587 ug/l		85
75) 1,1,2,2-Tetrachloroethane	12.941	83	1059	Below Cal	#	94
76) 1,2,3-Trichloropropane	12.853	75	151622	25.882 ug/l	#	1
77) Bromobenzene	12.988	156	1037	Below Cal		81
78) n-propylbenzene	13.035	91	7837	0.322 ug/l		96
80) 1,3,5-Trimethylbenzene	13.182	105	11768	0.654 ug/l		92
81) trans-1,4-Dichloro-2-b...	12.853	75	151622	68.013 ug/l	#	15
82) 4-Chlorotoluene	13.235	91	4328	0.291 ug/l		91
84) 1,2,4-Trimethylbenzene	13.488	105	39710	2.272 ug/l		97
85) sec-Butylbenzene	13.623	105	5664	0.293 ug/l		96
86) p-Isopropyltoluene	13.735	119	4034	0.260 ug/l		85
87) 1,3-Dichlorobenzene	13.735	146	2460	0.281 ug/l		96
88) 1,4-Dichlorobenzene	13.735	146	2460	0.279 ug/l		93

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

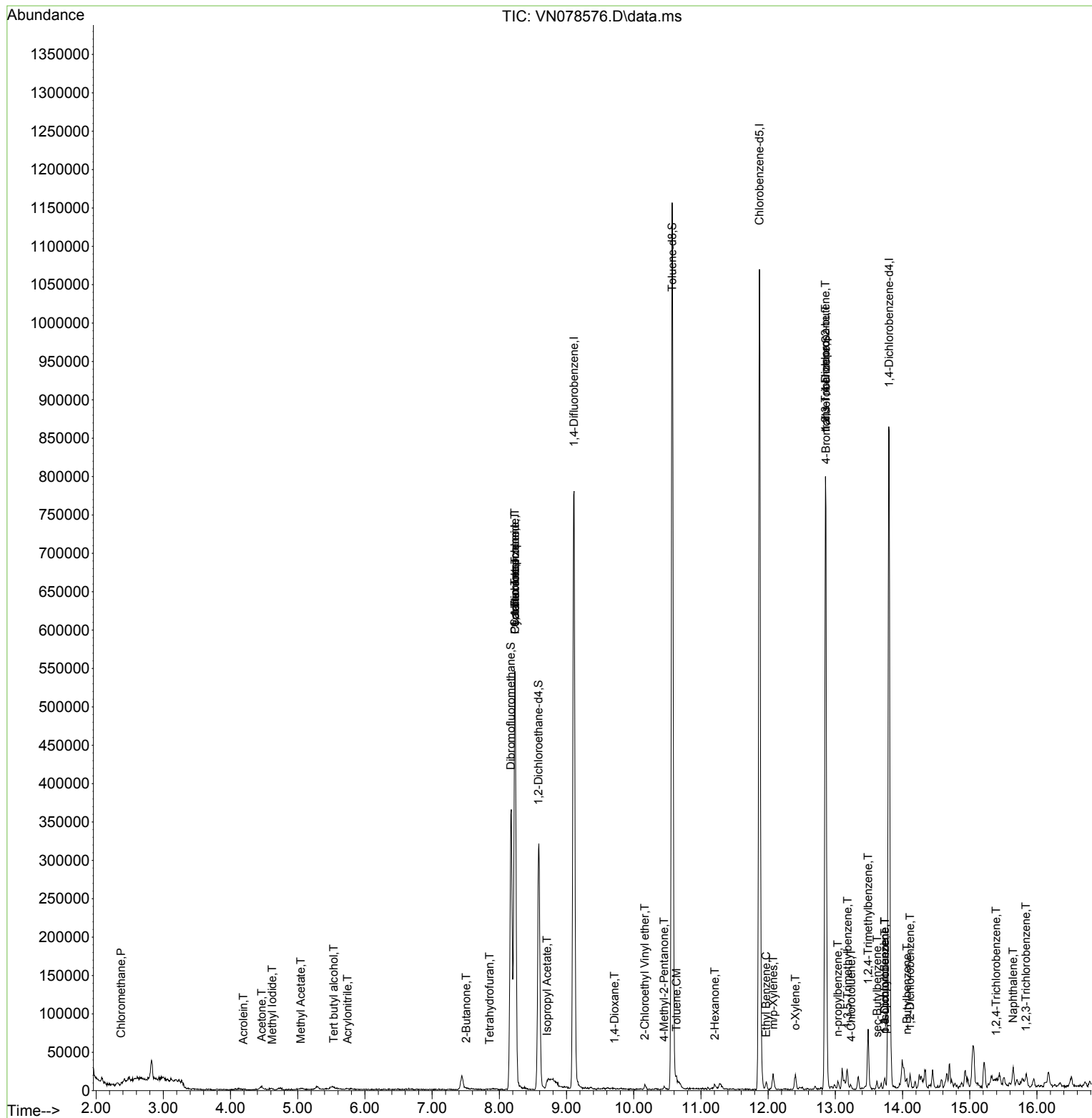
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
89) n-Butylbenzene	14.065	91	5968	0.538 ug/l	90
90) Hexachloroethane	14.335	117	1768	Below Cal #	40
91) 1,2-Dichlorobenzene	14.112	146	3183	0.366 ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.723	75	675	Below Cal #	62
93) 1,2,4-Trichlorobenzene	15.394	180	2852	1.027 ug/l	87
94) Hexachlorobutadiene	15.506	225	2161	Below Cal	94
95) Naphthalene	15.647	128	20783	2.189 ug/l #	93
96) 1,2,3-Trichlorobenzene	15.835	180	3369	1.055 ug/l #	55

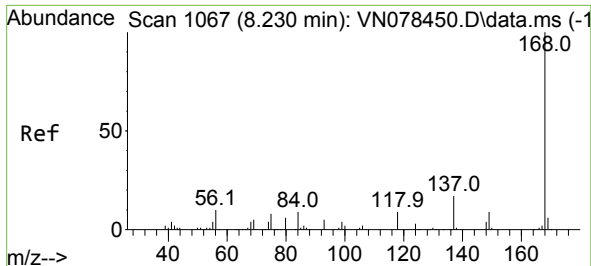
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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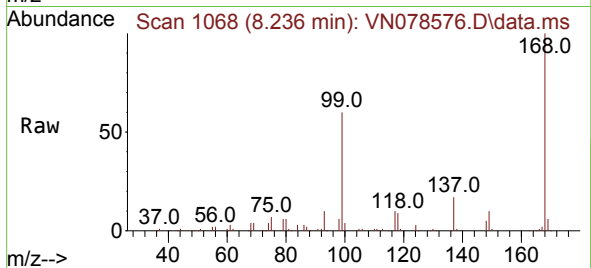
Quant Time: Jul 20 01:32:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
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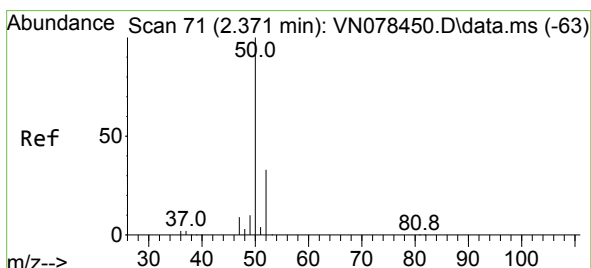
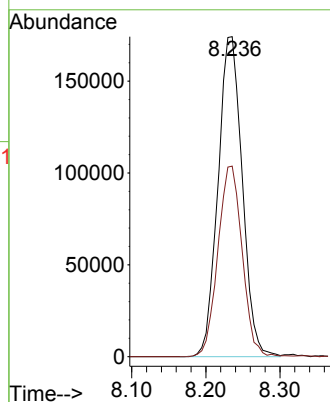
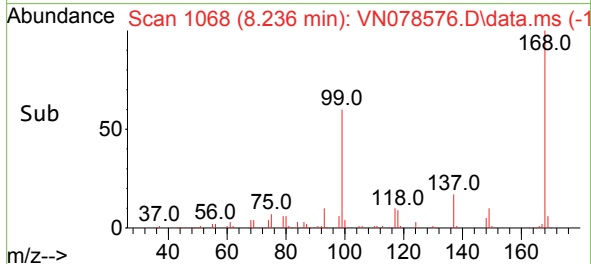


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Instrument :
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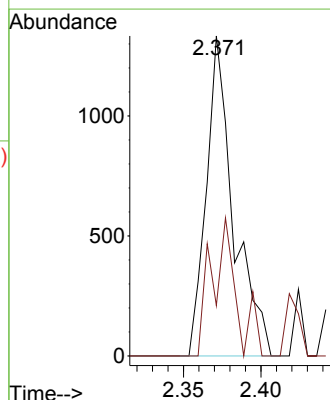
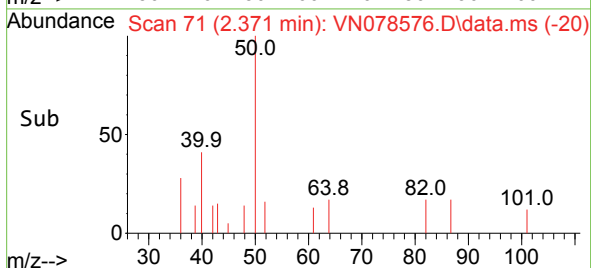
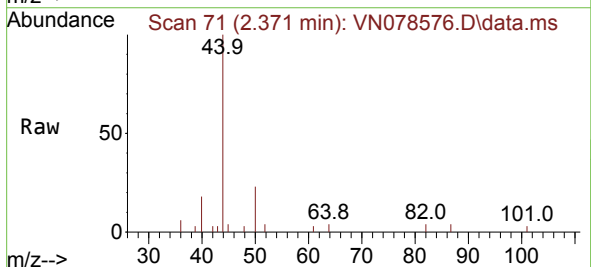


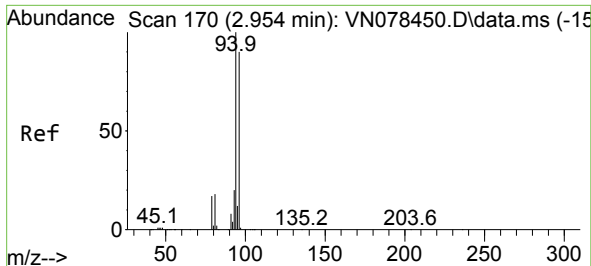
Tgt Ion:168 Resp: 396021
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#3
Chloromethane
Concen: 0.309 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 50 Resp: 1629
Ion Ratio Lower Upper
50 100
52 15.8 26.5 39.7#

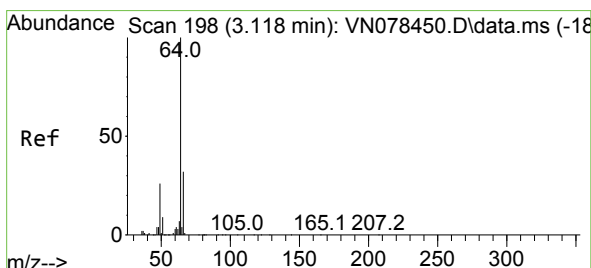
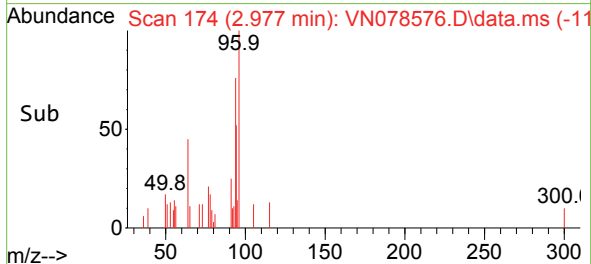
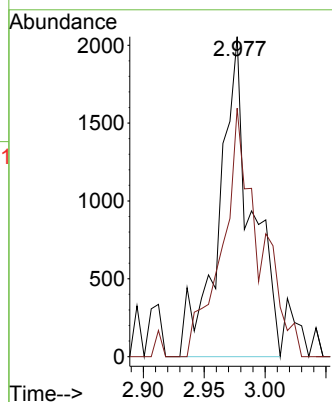
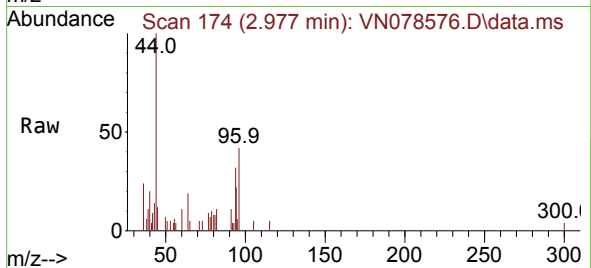




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 170
Delta R.T. 0.023 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

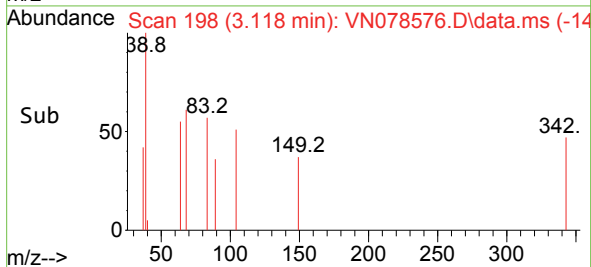
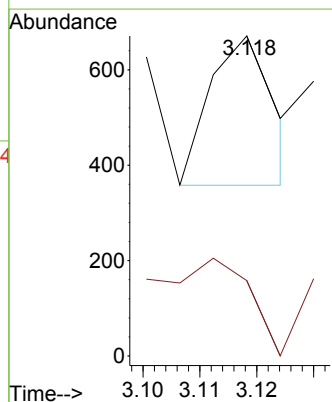
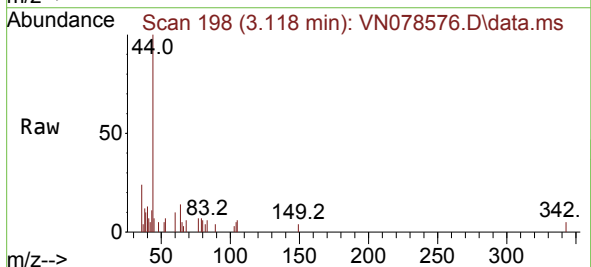
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

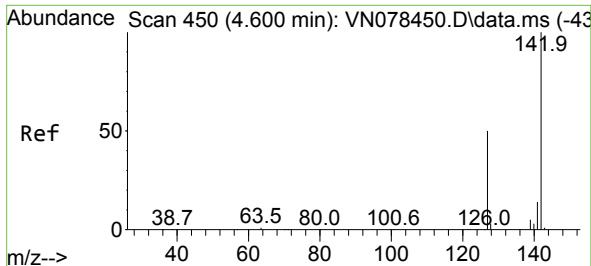
Tgt Ion: 94 Resp: 3803
Ion Ratio Lower Upper
94 100
96 77.7 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

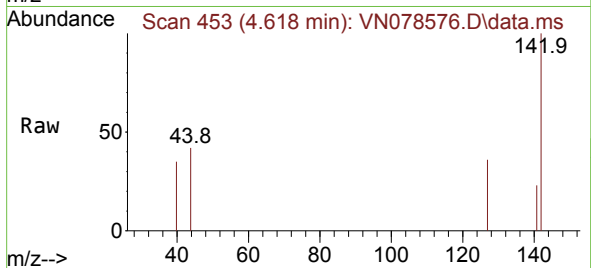
Tgt Ion: 64 Resp: 242
Ion Ratio Lower Upper
64 100
66 50.5 25.4 38.2#



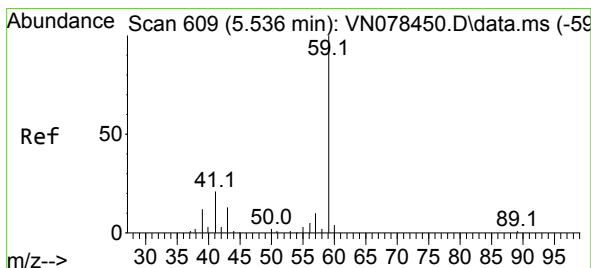
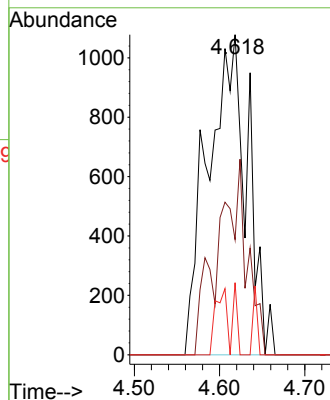
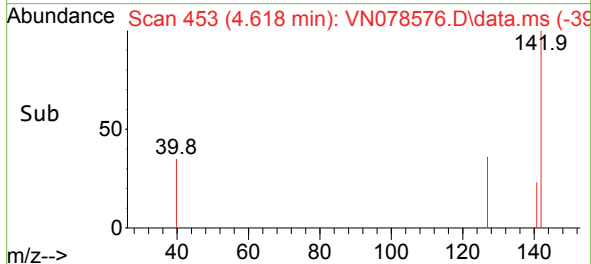


#10
Methyl Iodide
Concen: 0.586 ug/l
RT: 4.618 min Scan# 418
Delta R.T. 0.018 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

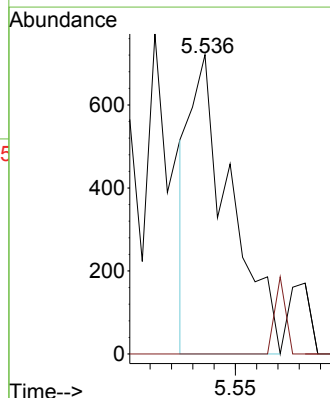
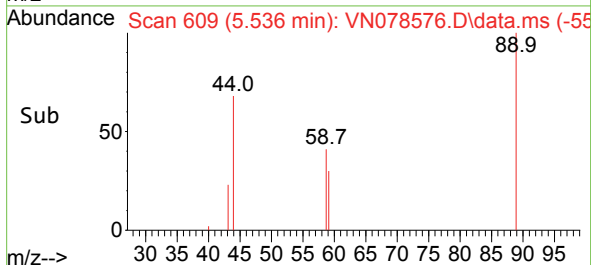
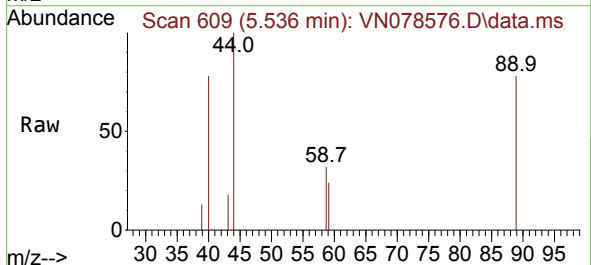


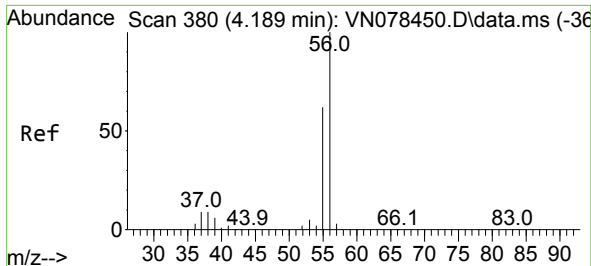
Tgt Ion:142 Resp: 3479
Ion Ratio Lower Upper
142 100
127 36.0 37.6 56.4#
141 22.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.162 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 59 Resp: 951
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

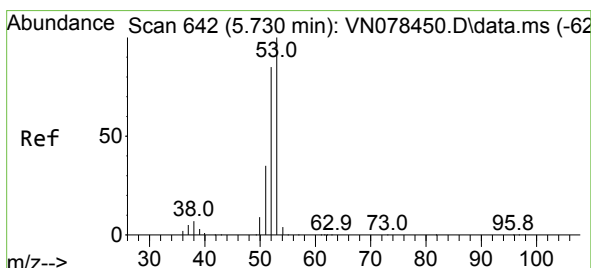
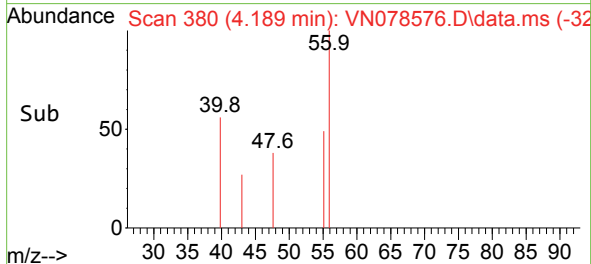
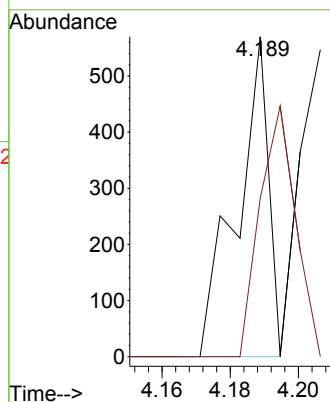
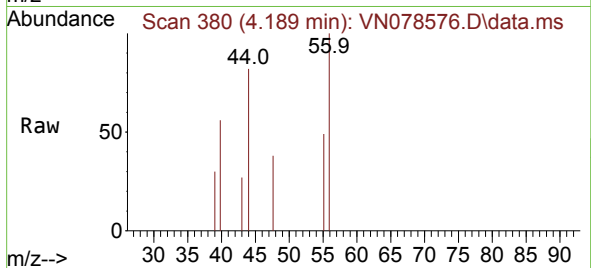




#13
Acrolein
Concen: 0.452 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

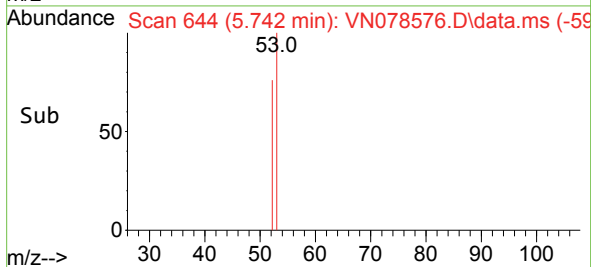
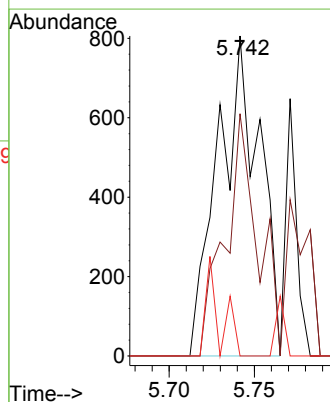
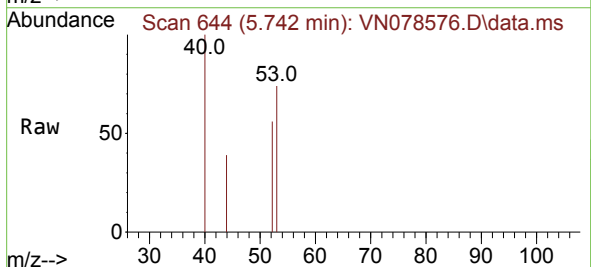
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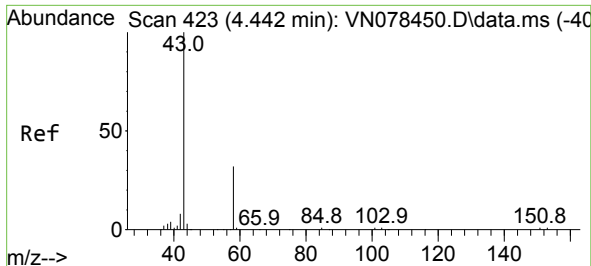
Tgt Ion: 56 Resp: 364
Ion Ratio Lower Upper
56 100
55 89.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.661 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 53 Resp: 1367
Ion Ratio Lower Upper
53 100
52 59.5 65.3 97.9#
51 10.4 28.9 43.3#





#16

Acetone

Concen: 3.678 ug/l

RT: 4.465 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

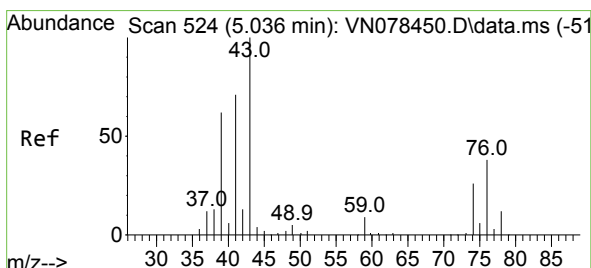
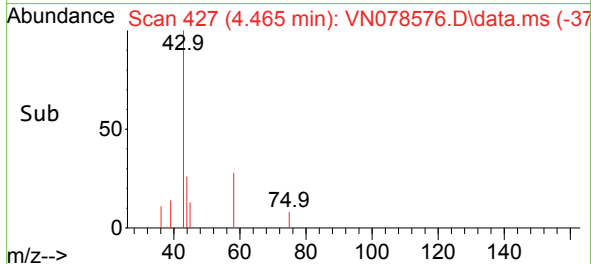
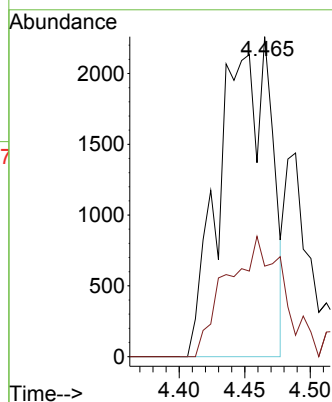
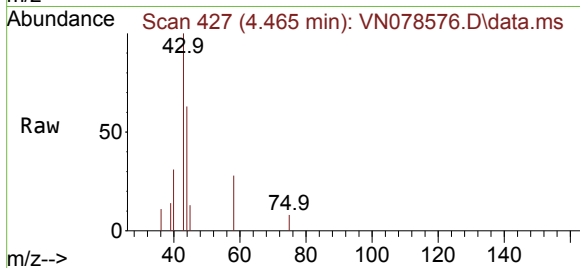
AUD-1007

Tgt Ion: 43 Resp: 6083

Ion Ratio Lower Upper

43 100

58 28.3 28.0 42.0



#18

Methyl Acetate

Concen: 0.275 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.012 min

Lab File: VN078576.D

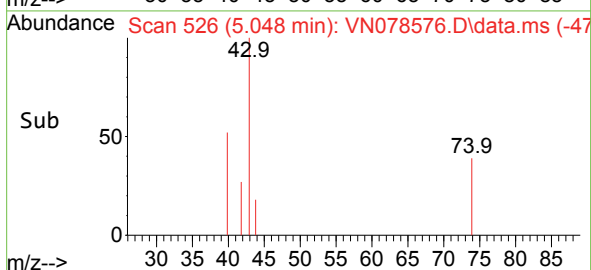
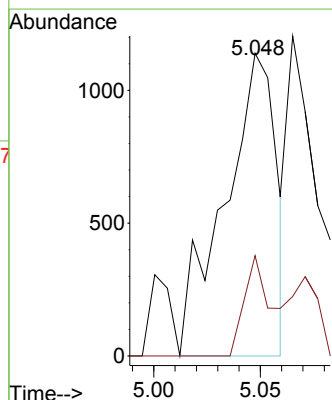
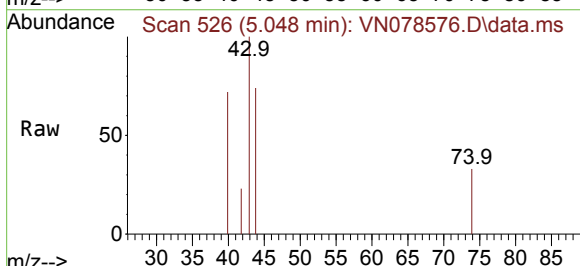
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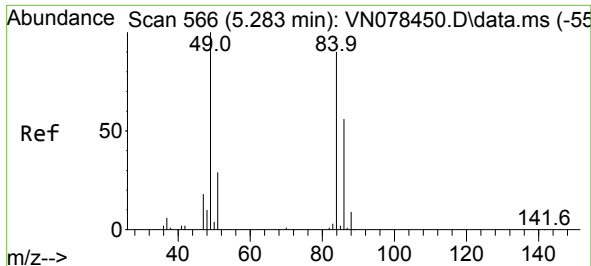
Tgt Ion: 43 Resp: 1927

Ion Ratio Lower Upper

43 100

74 16.9 26.2 39.4#

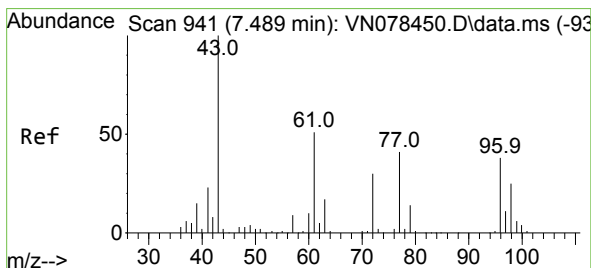
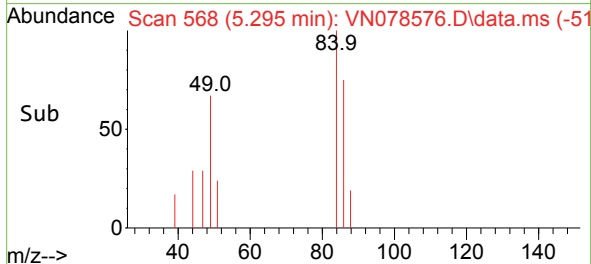
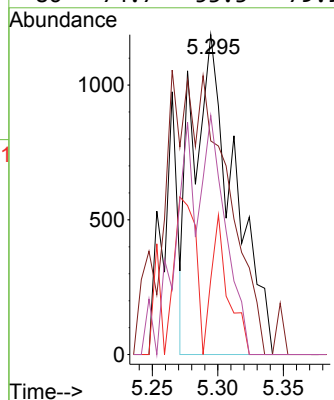
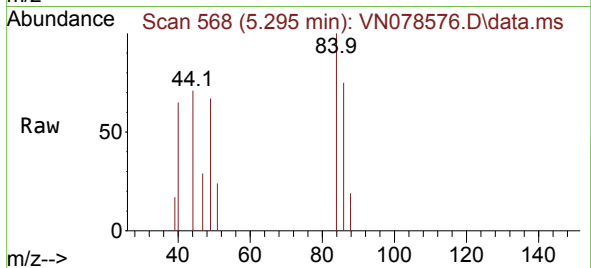




#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

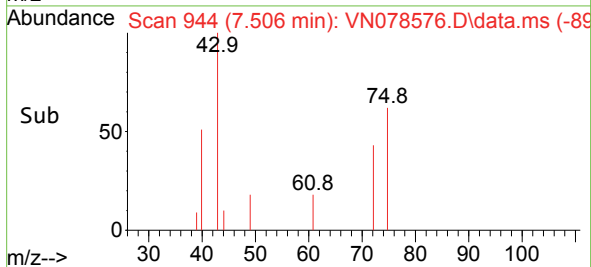
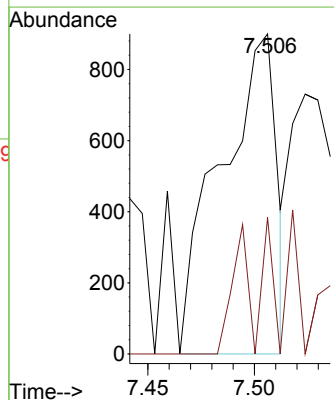
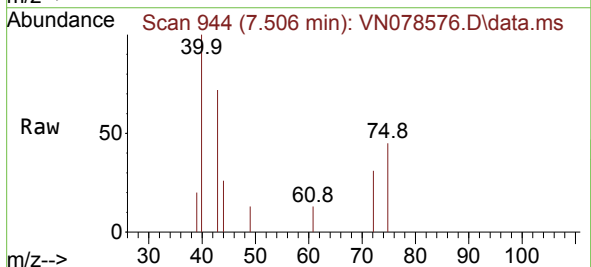
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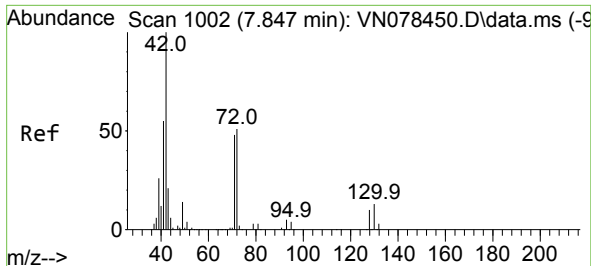
Tgt Ion:	84	Resp:	2622
Ion	Ratio	Lower	Upper
84	100		
49	50.7	79.7	119.5#
51	23.5	25.2	37.8#
86	74.7	53.3	79.9



#25
2-Butanone
Concen: 0.633 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.017 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion:	43	Resp:	1648
Ion	Ratio	Lower	Upper
43	100		
72	42.7	30.2	45.2





#29

Tetrahydrofuran

Concen: 0.232 ug/l

RT: 7.853 min Scan# 1068

Delta R.T. 0.006 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

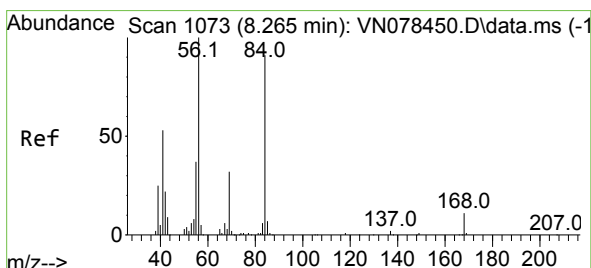
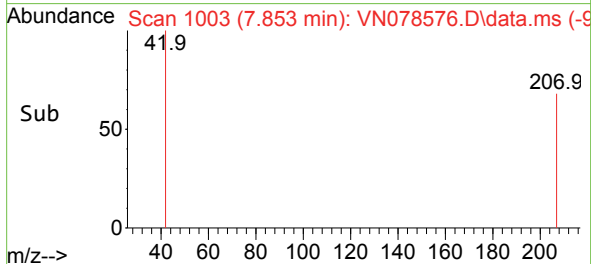
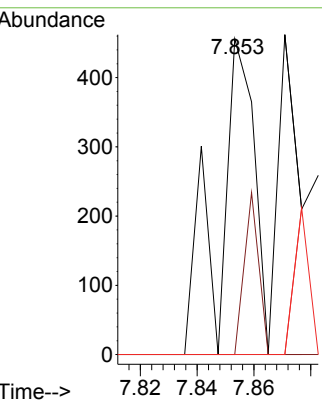
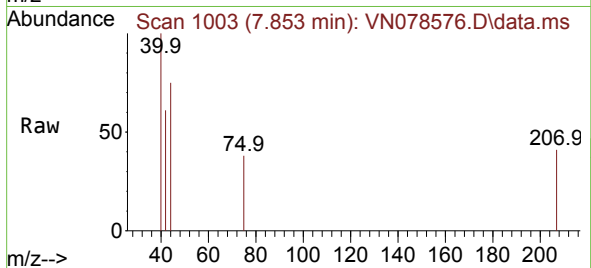
Instrument :

MSVOA_N

ClientSampleId :

AUD-1007

Tgt Ion:	42	Resp:	396
Ion Ratio	Lower	Upper	
42	100		
72	21.0	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 1.363 ug/l

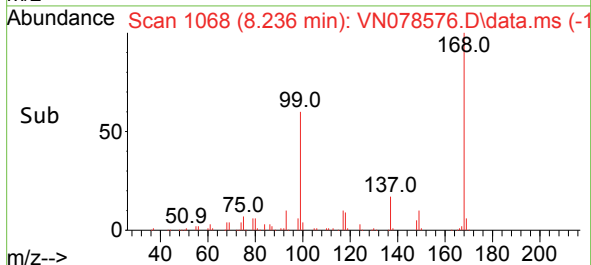
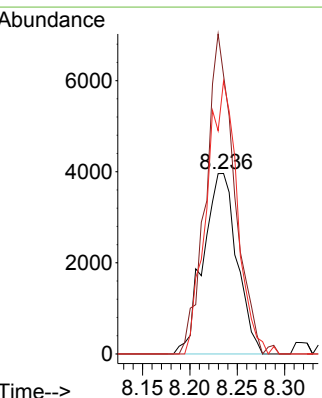
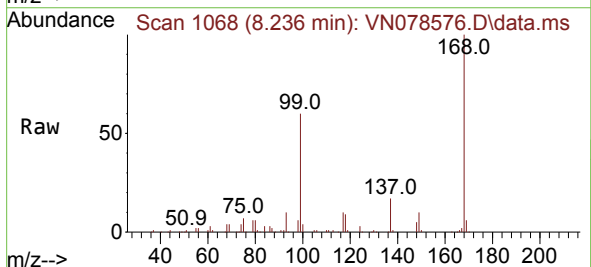
RT: 8.236 min Scan# 1068

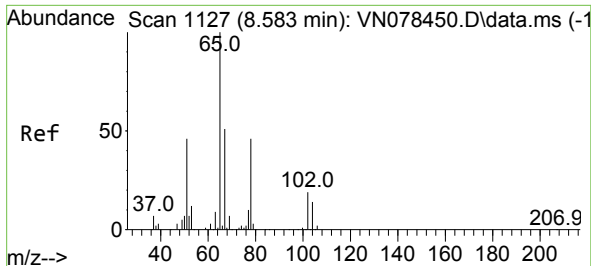
Delta R.T. -0.029 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Tgt Ion:	56	Resp:	9776
Ion Ratio	Lower	Upper	
56	100		
69	154.3	26.8	40.2#
84	151.2	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 48.750 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

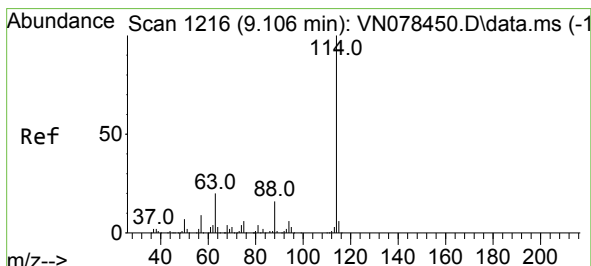
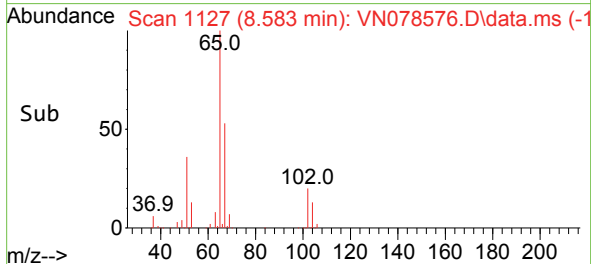
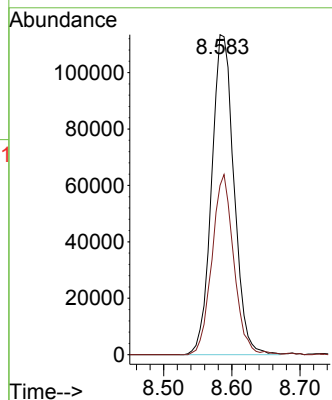
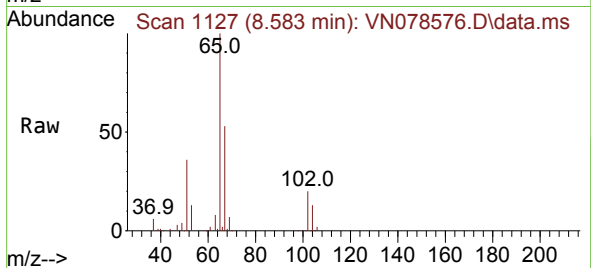
AUD-1007

Tgt Ion: 65 Resp: 258818

Ion Ratio Lower Upper

65 100

67 55.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

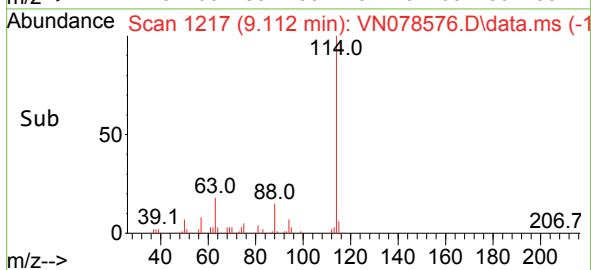
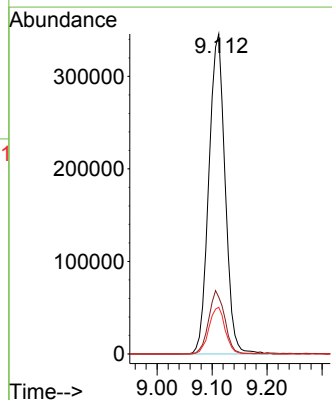
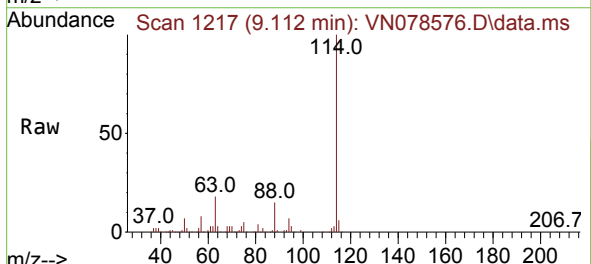
Tgt Ion: 114 Resp: 709978

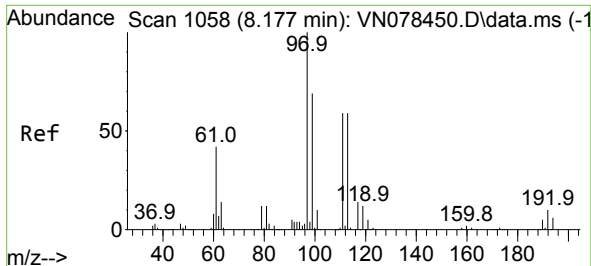
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.565 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

AUD-1007

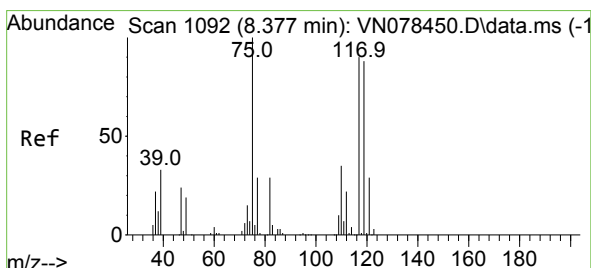
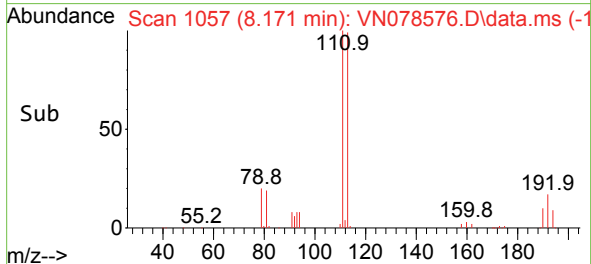
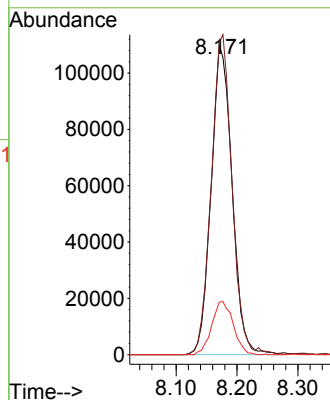
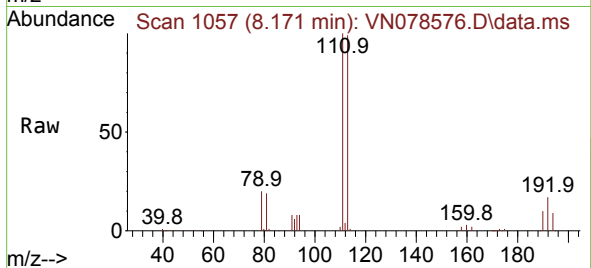
Tgt Ion:113 Resp: 262977

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.6 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.763 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

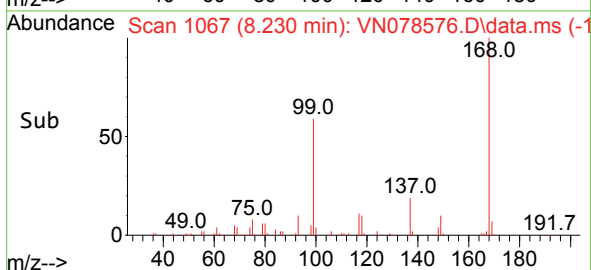
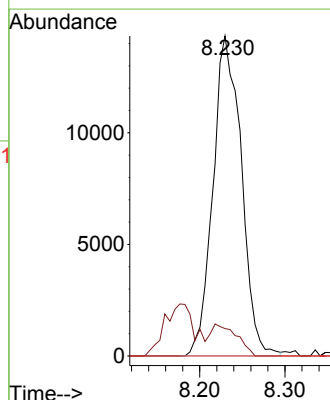
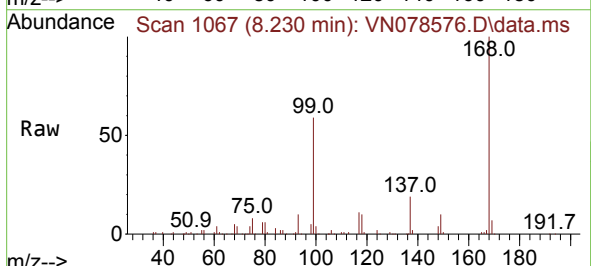
Tgt Ion: 75 Resp: 33147

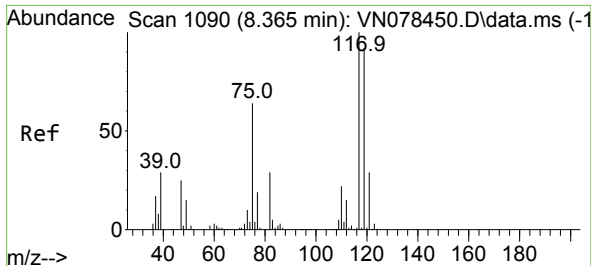
Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.3#

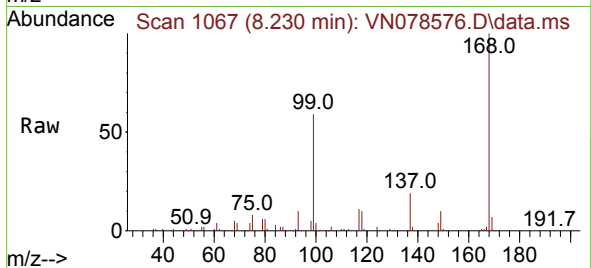
77 0.0 25.0 37.4#



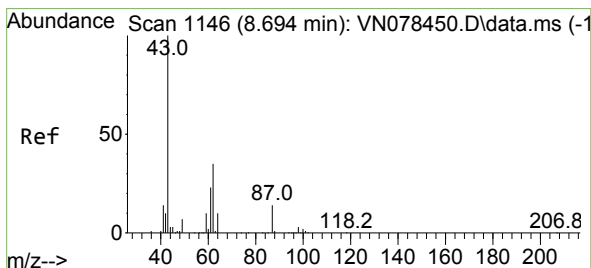
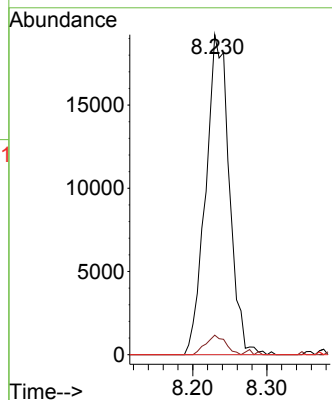
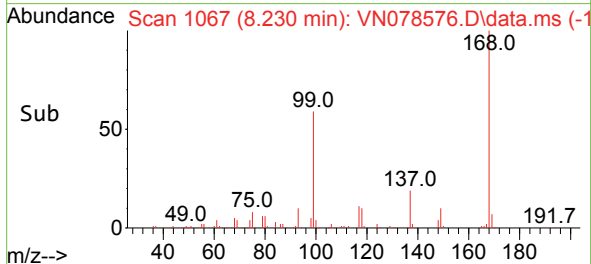


#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

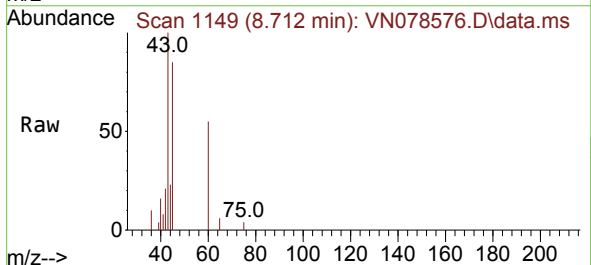
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007



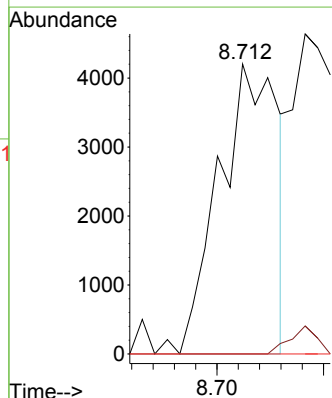
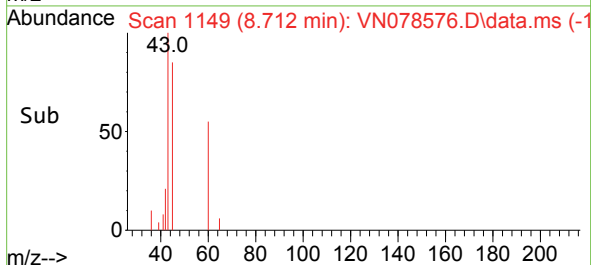
Tgt Ion:117 Resp: 42461
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 23.3 34.9#

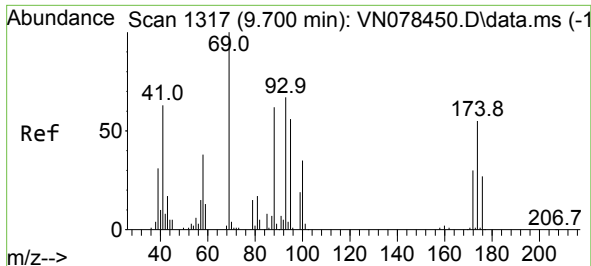


#43
Isopropyl Acetate
Concen: 0.842 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24



Tgt Ion: 43 Resp: 8044
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#49

1,4-Dioxane

Concen: 0.725 ug/l

RT: 9.712 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN078576.D

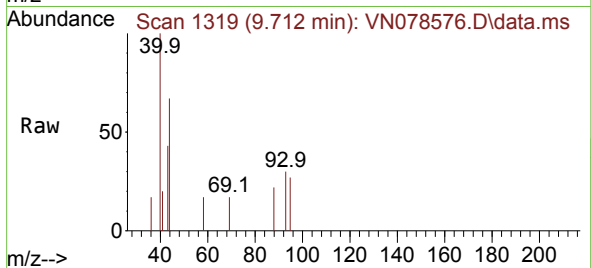
Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

AUD-1007



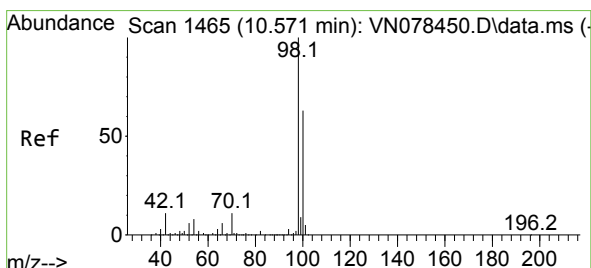
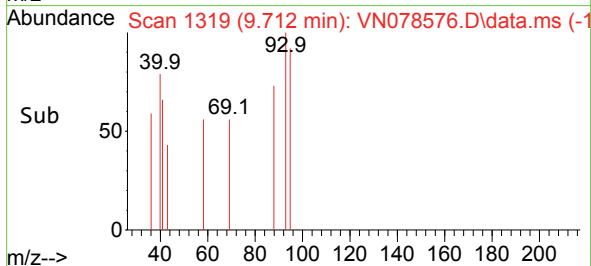
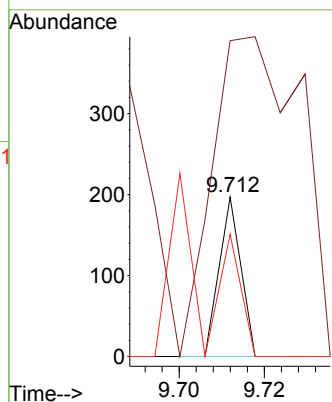
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 808.6 17.0 25.6#

58 190.0 47.0 70.4#



#50

Toluene-d8

Concen: 45.916 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078576.D

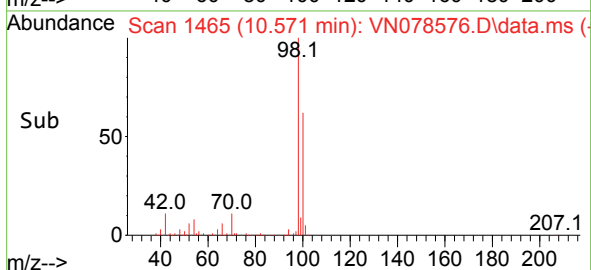
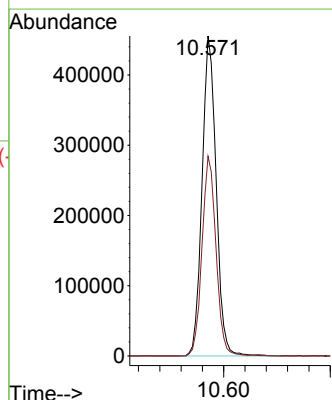
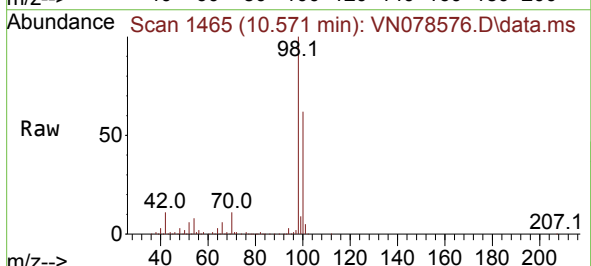
Acq: 19 Jul 2023 13:24

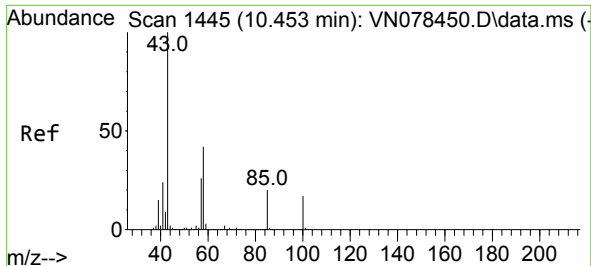
Tgt Ion: 98 Resp: 835976

Ion Ratio Lower Upper

98 100

100 62.1 52.0 78.0

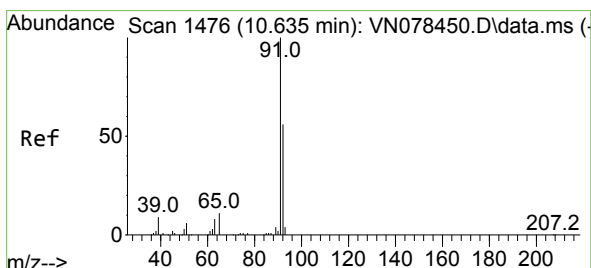
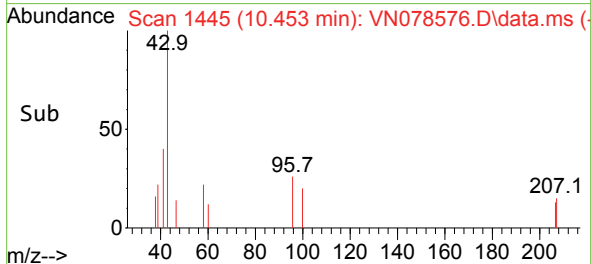
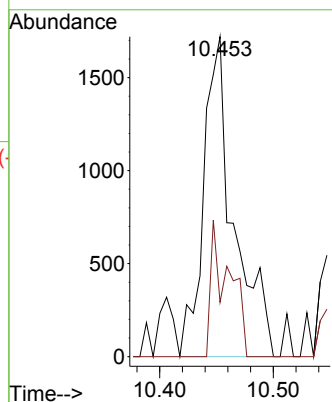
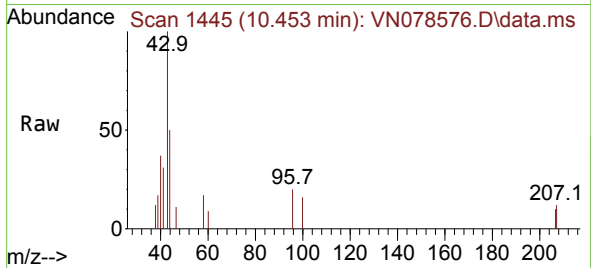




#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

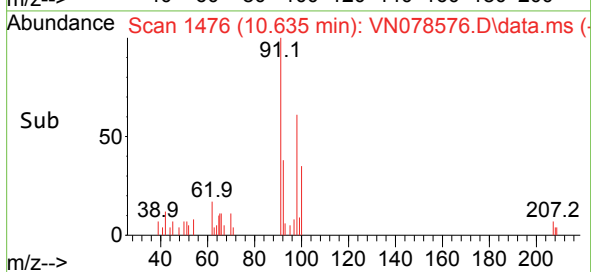
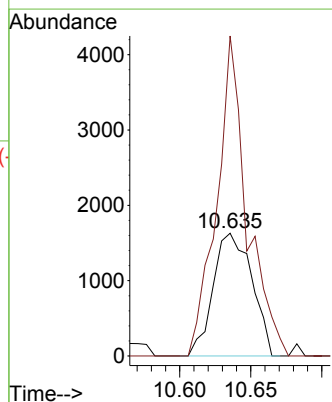
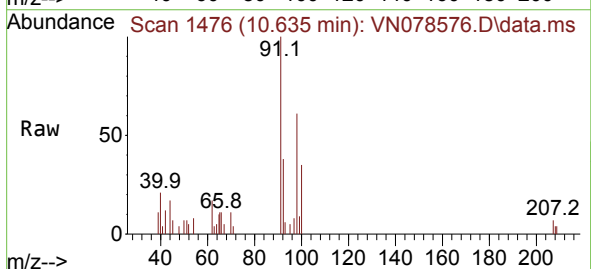
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

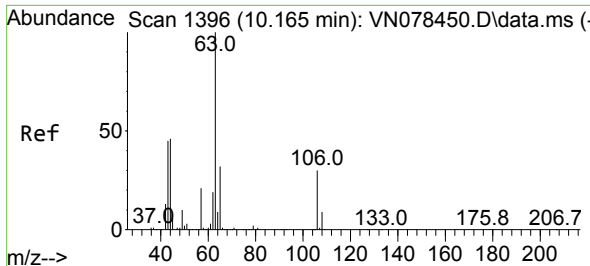
Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
58 26.1 36.6 54.8#



#52
Toluene
Concen: 0.242 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 92 Resp: 3089
Ion Ratio Lower Upper
92 100
91 204.3 137.4 206.0

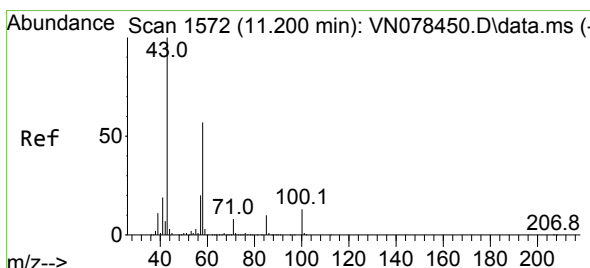
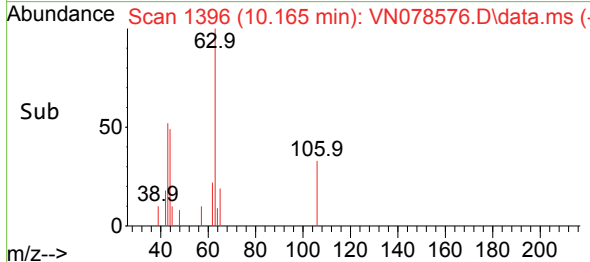
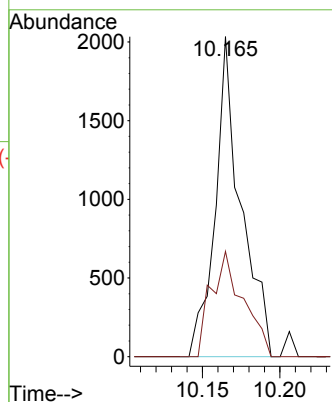
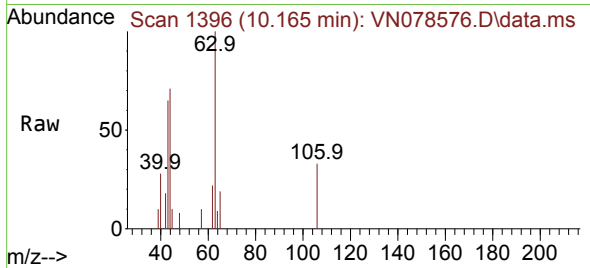




#58
2-Chloroethyl Vinyl ether
Concen: 0.932 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

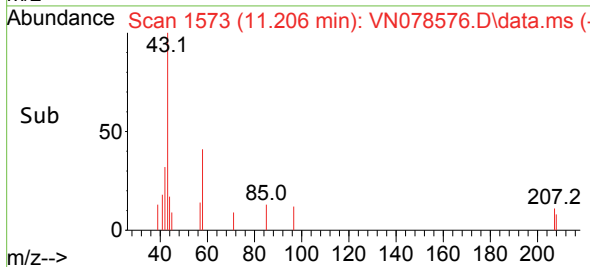
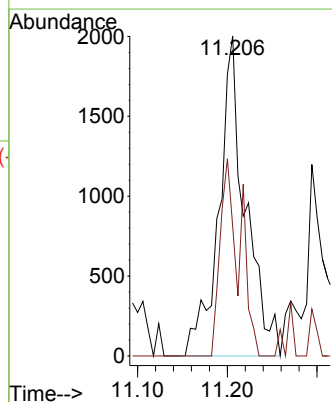
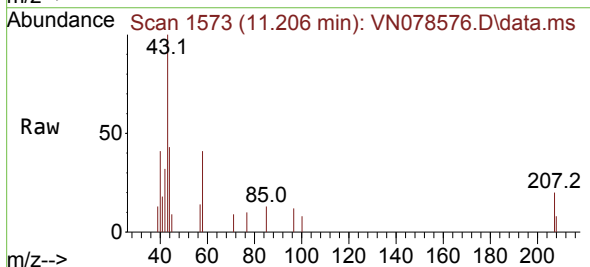
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

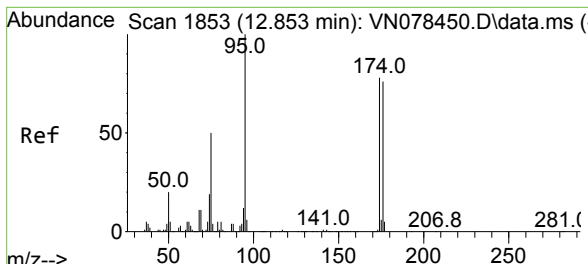
Tgt Ion: 63 Resp: 2338
Ion Ratio Lower Upper
63 100
106 41.1 26.2 39.4#



#59
2-Hexanone
Concen: 1.017 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 43 Resp: 4105
Ion Ratio Lower Upper
43 100
58 32.3 31.7 95.1

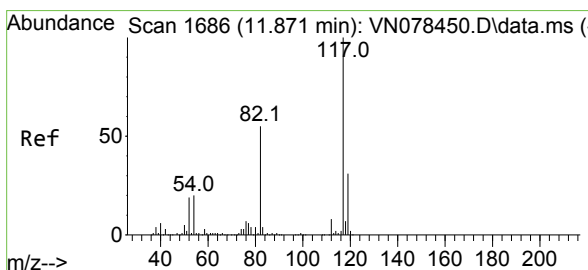
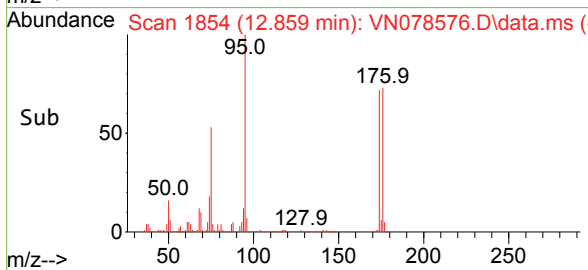
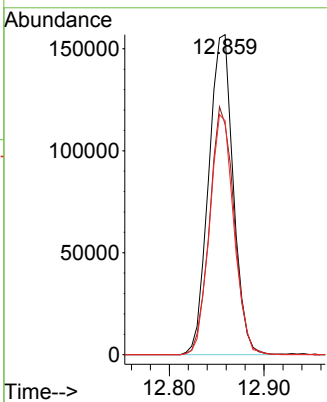
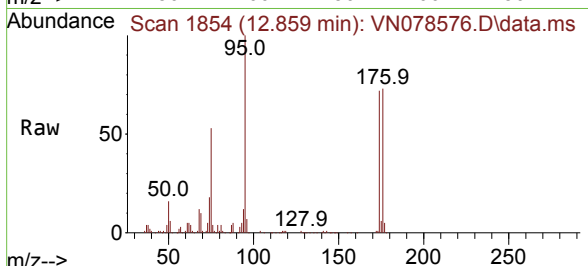




#62
4-Bromofluorobenzene
Concen: 50.456 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

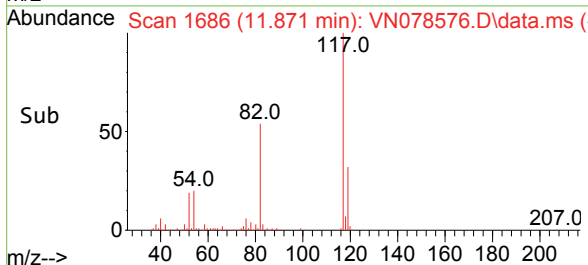
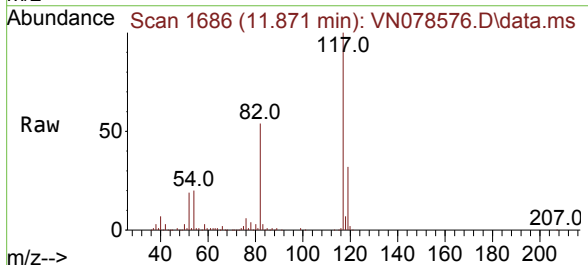
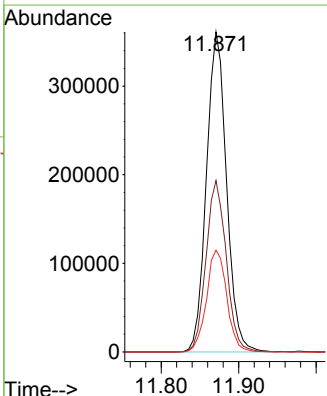
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

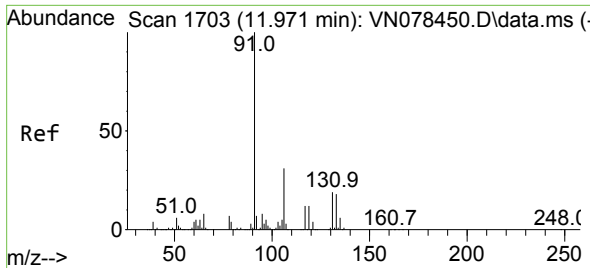
Tgt Ion:	95	Resp:	282959
Ion Ratio	Lower	Upper	
95	100		
174	77.5	0.0	143.8
176	74.3	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion:	117	Resp:	649767
Ion Ratio	Lower	Upper	
117	100		
82	53.6	44.0	66.0
119	31.8	25.6	38.4

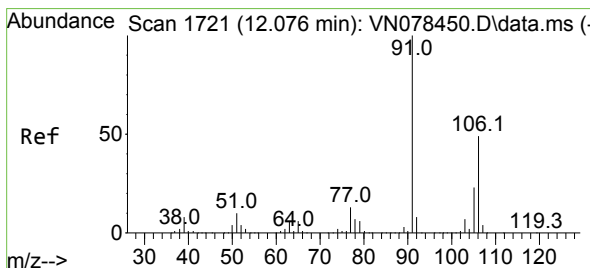
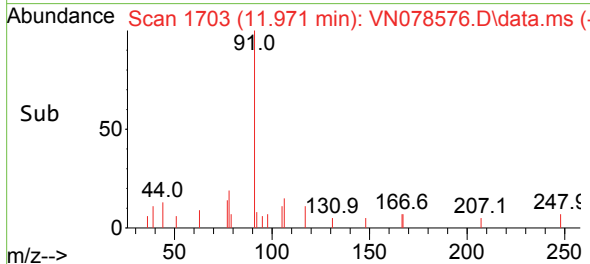
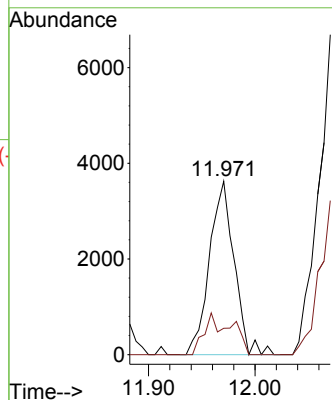
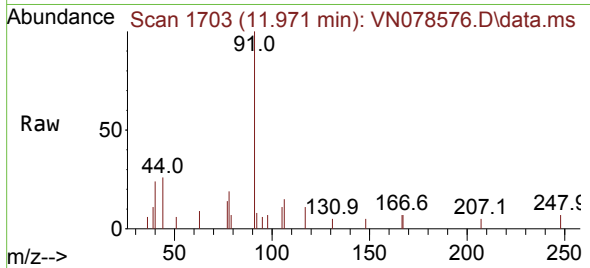




#67
Ethyl Benzene
Concen: 0.238 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

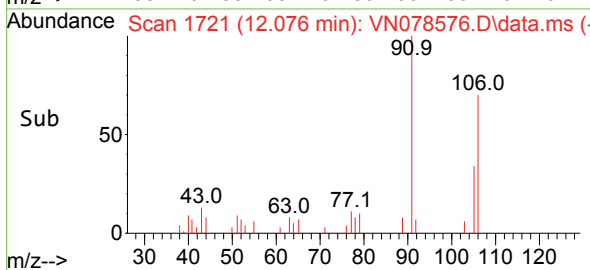
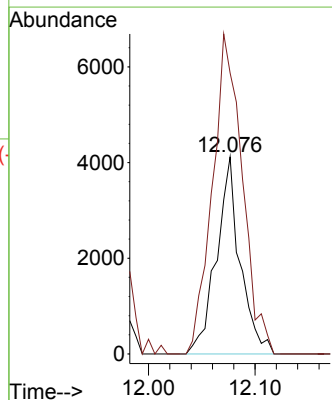
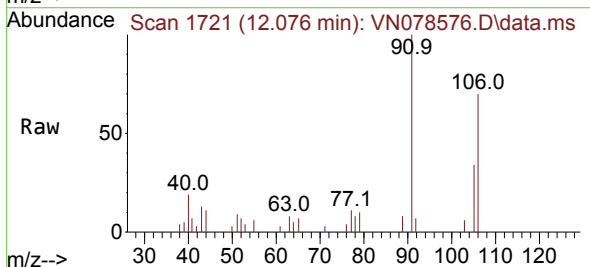
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

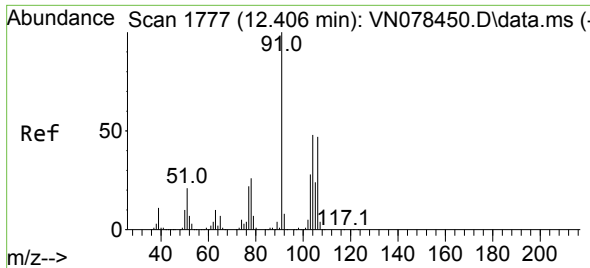
Tgt Ion: 91 Resp: 5850
Ion Ratio Lower Upper
91 100
106 15.2 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.699 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 106 Resp: 6348
Ion Ratio Lower Upper
106 100
91 205.5 159.6 239.4

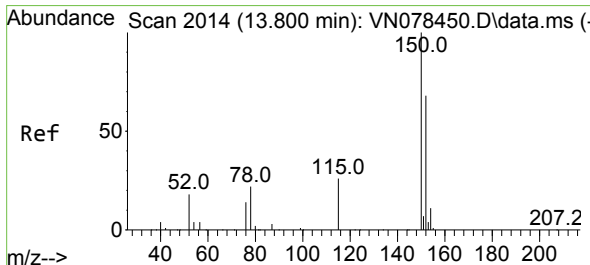
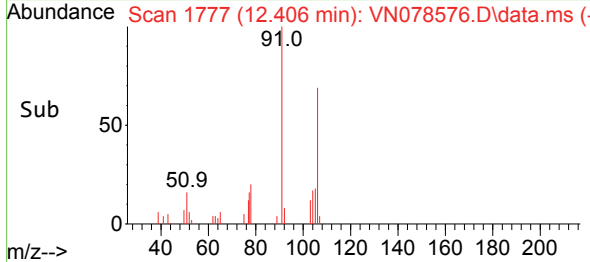
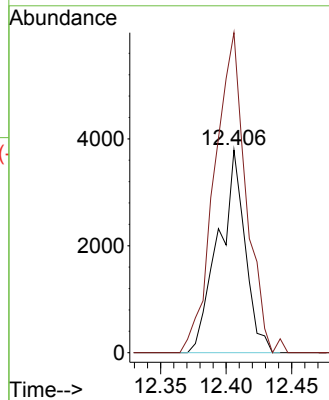
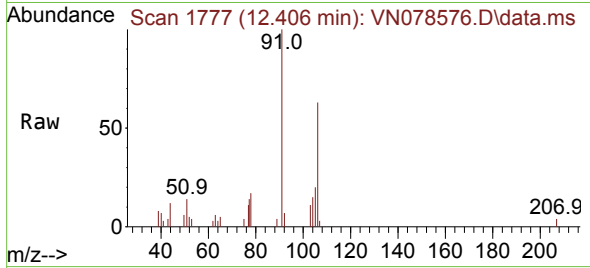




#69
o-Xylene
Concen: 0.587 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

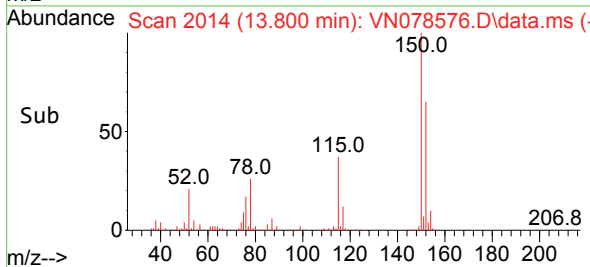
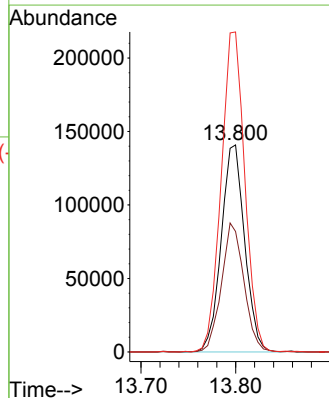
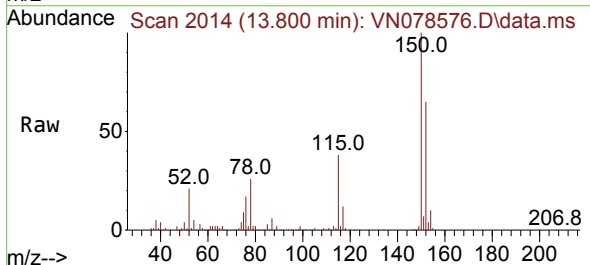
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

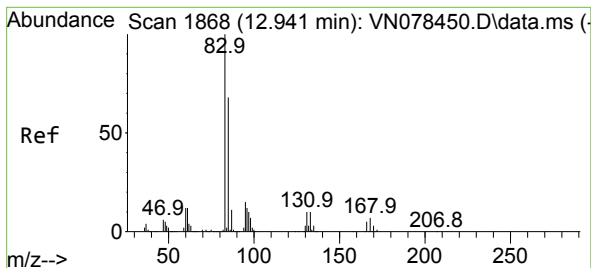
Tgt Ion:106 Resp: 5378
Ion Ratio Lower Upper
106 100
91 186.3 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion:152 Resp: 242364
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 155.8 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

AUD-1007

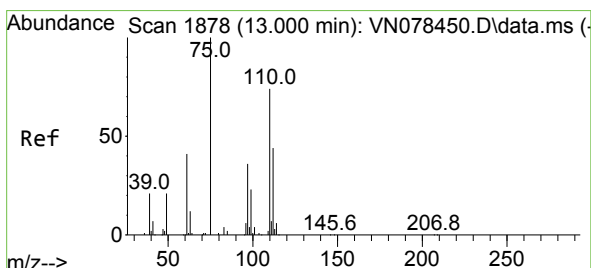
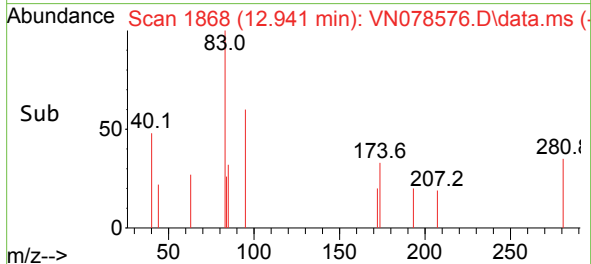
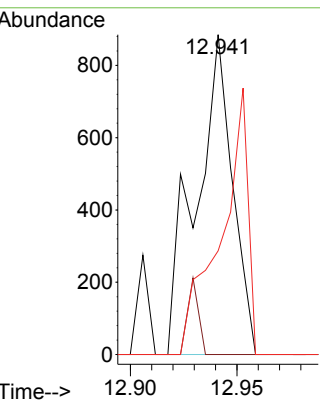
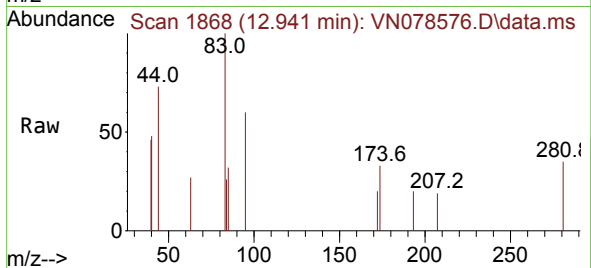
Tgt Ion: 83 Resp: 1059

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 61.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.882 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078576.D

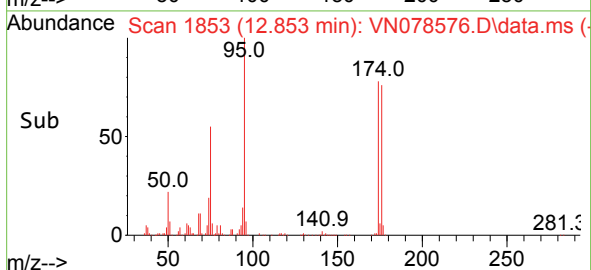
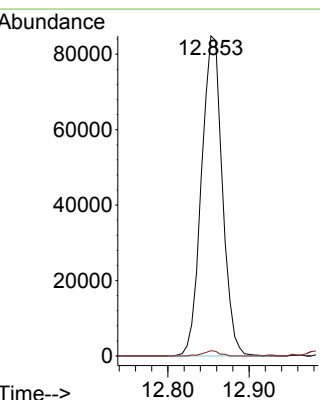
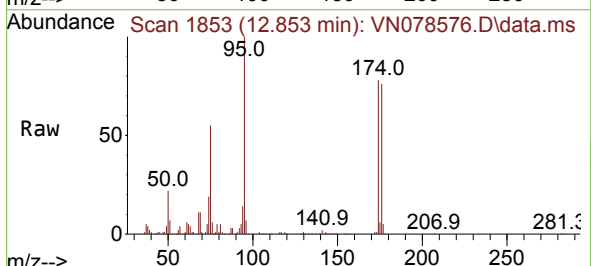
Acq: 19 Jul 2023 13:24

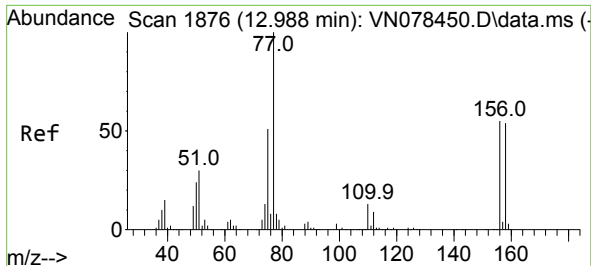
Tgt Ion: 75 Resp: 151622

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#

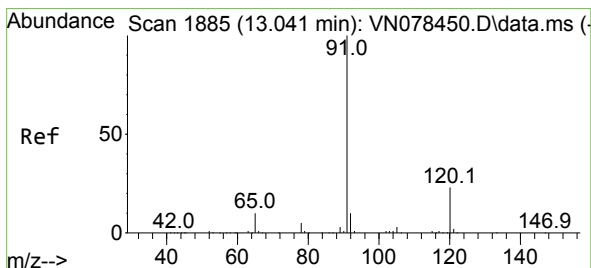
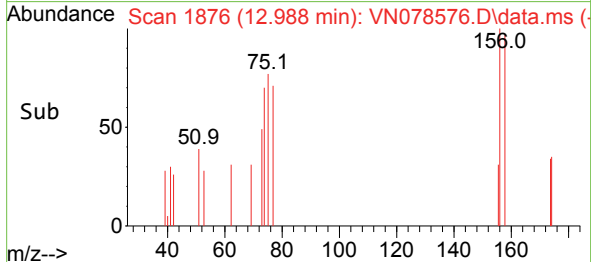
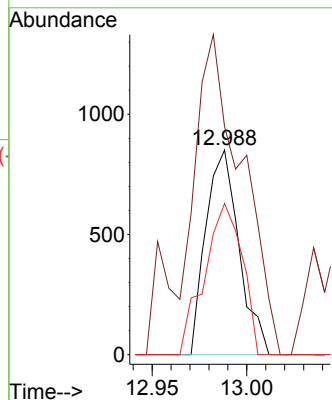
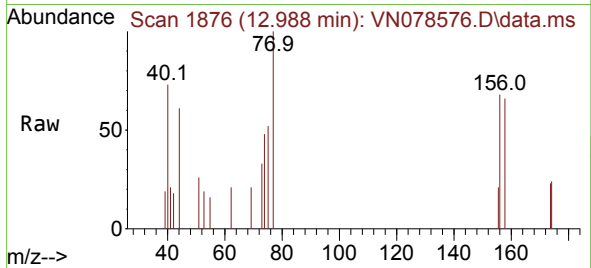




#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

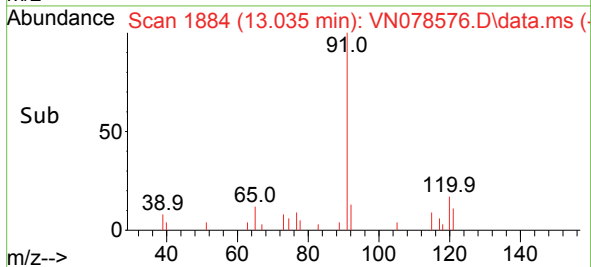
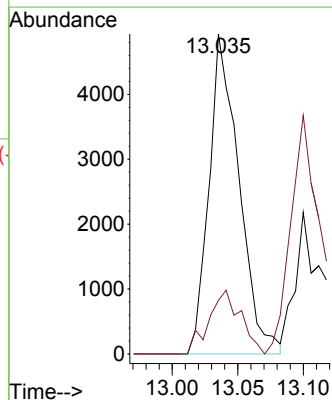
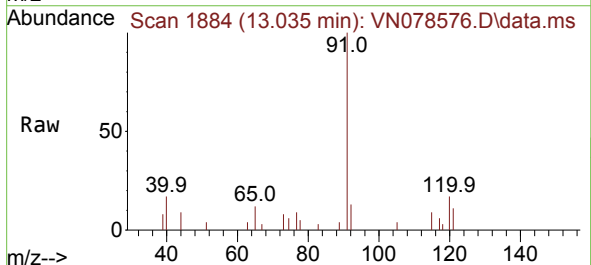
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

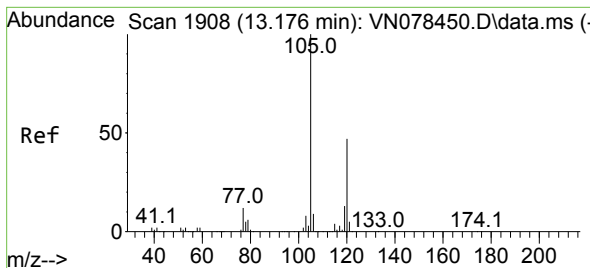
Tgt Ion:156 Resp: 1037
Ion Ratio Lower Upper
156 100
77 250.2 107.7 323.3
158 84.1 48.4 145.3



#78
n-propylbenzene
Concen: 0.322 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 91 Resp: 7837
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.654 ug/l

RT: 13.182 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

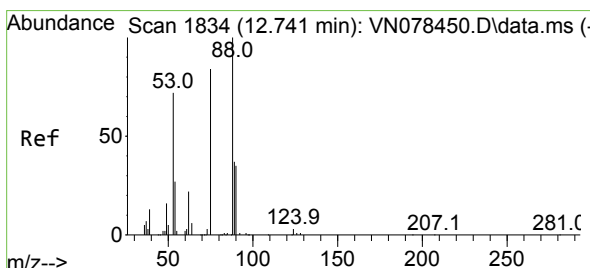
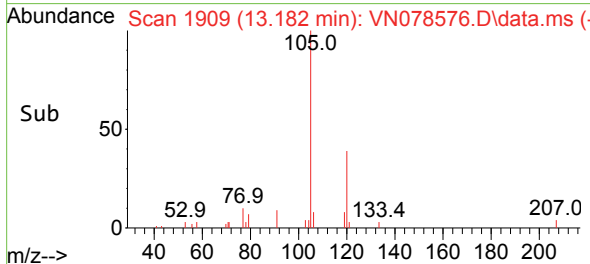
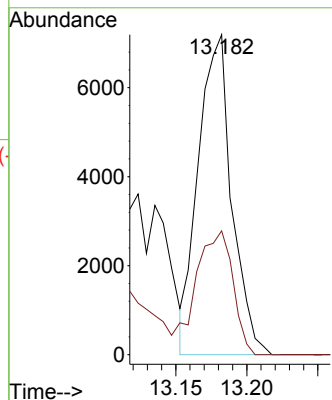
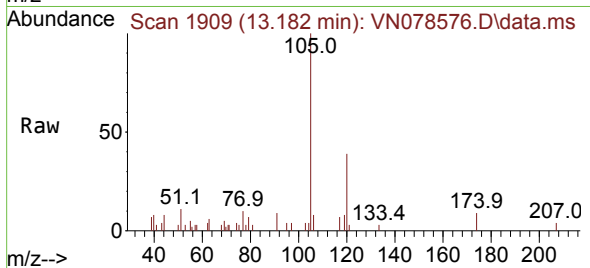
AUD-1007

Tgt Ion:105 Resp: 11768

Ion Ratio Lower Upper

105 100

120 42.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 68.013 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

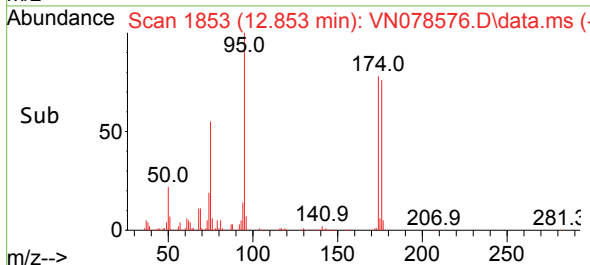
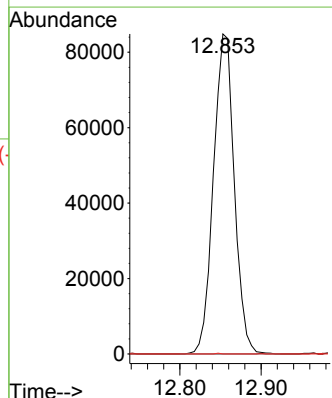
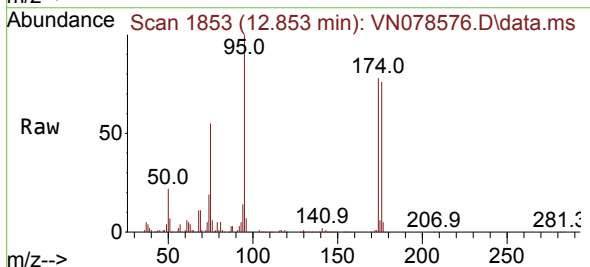
Tgt Ion: 75 Resp: 151622

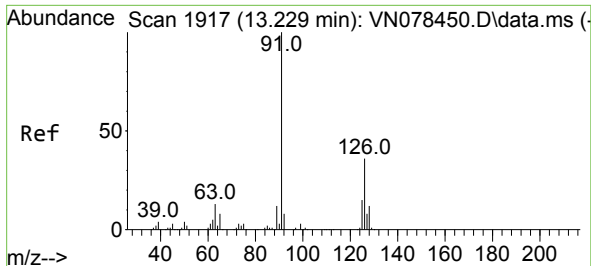
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#

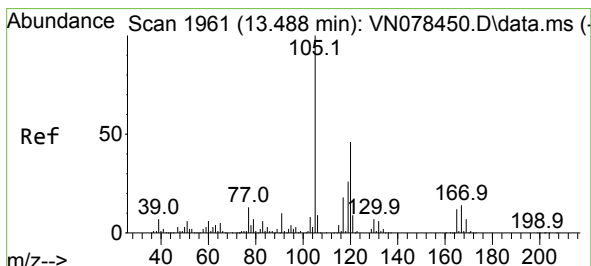
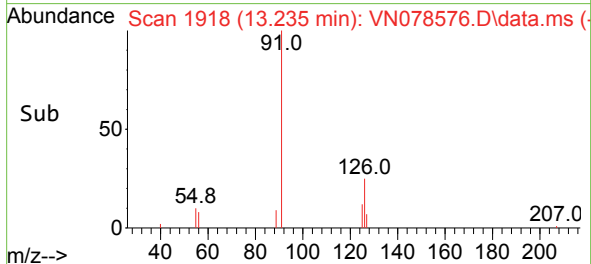
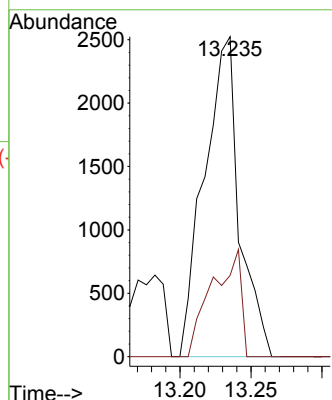
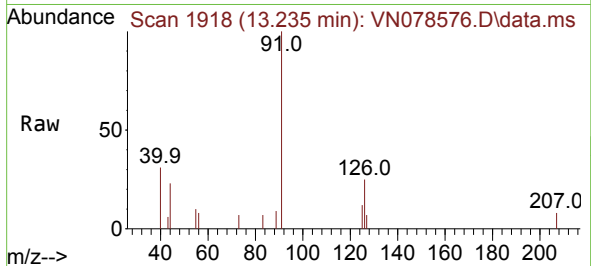




#82
4-Chlorotoluene
Concen: 0.291 ug/l
RT: 13.235 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

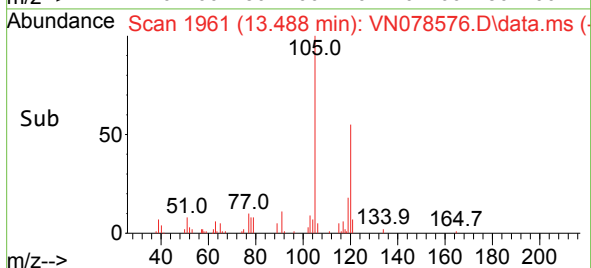
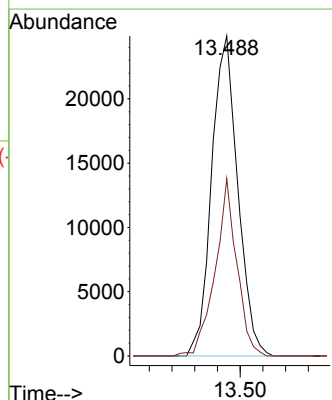
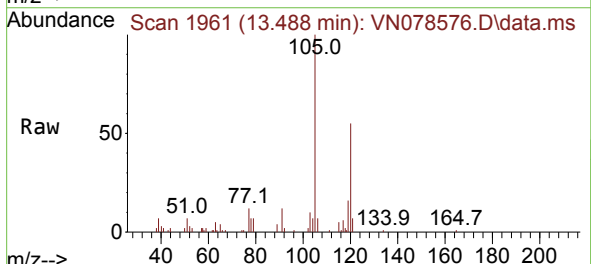
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

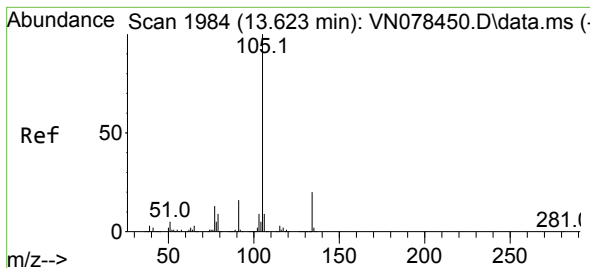
Tgt Ion: 91 Resp: 4328
Ion Ratio Lower Upper
91 100
126 28.0 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 2.272 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 105 Resp: 39710
Ion Ratio Lower Upper
105 100
120 46.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.293 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

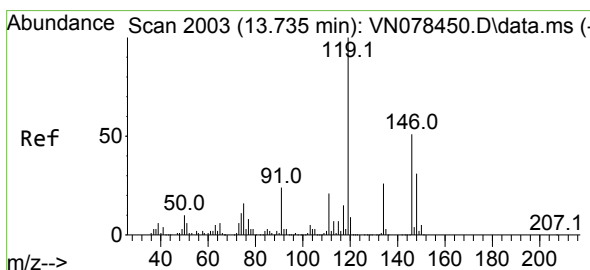
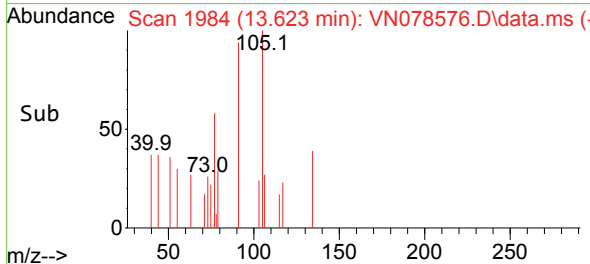
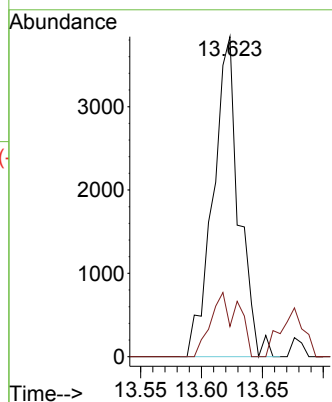
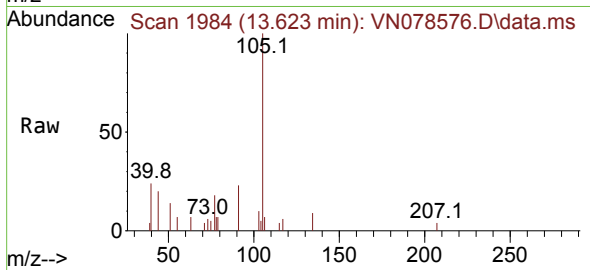
AUD-1007

Tgt Ion:105 Resp: 5664

Ion Ratio Lower Upper

105 100

134 21.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.260 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

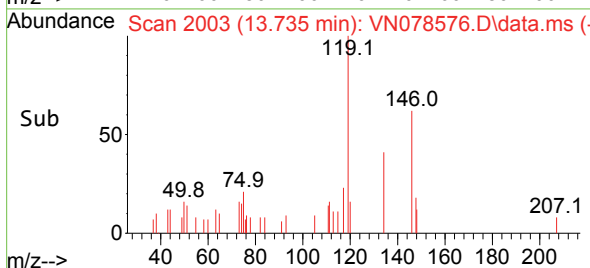
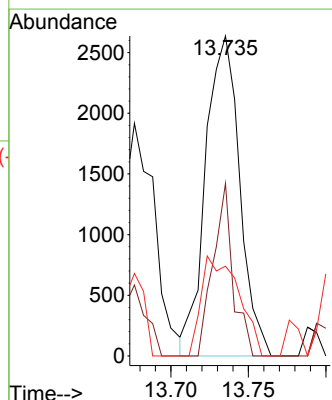
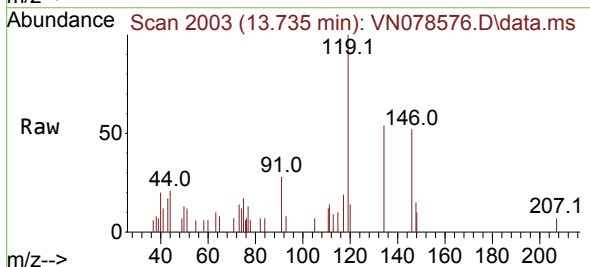
Tgt Ion:119 Resp: 4034

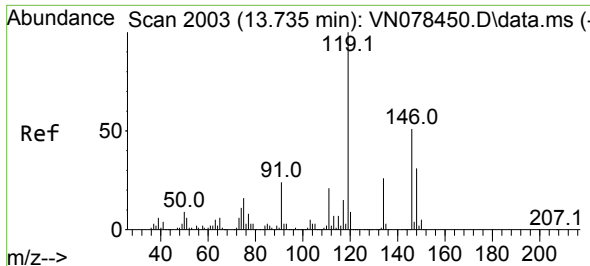
Ion Ratio Lower Upper

119 100

134 31.3 12.6 37.8

91 34.2 12.4 37.2

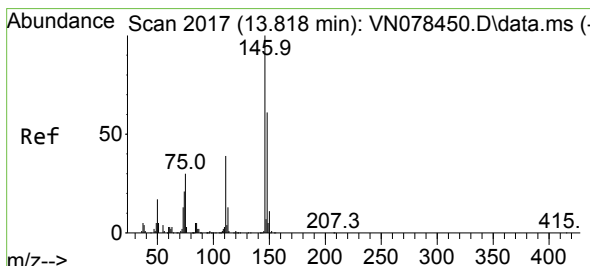
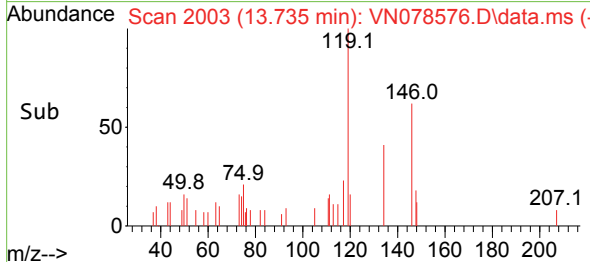
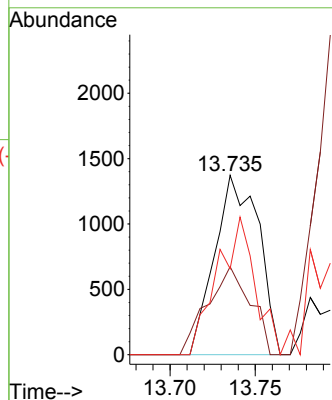
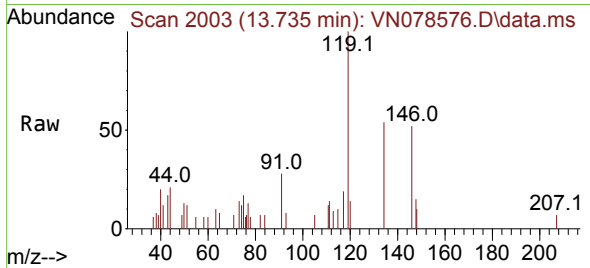




#87
1,3-Dichlorobenzene
Concen: 0.281 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

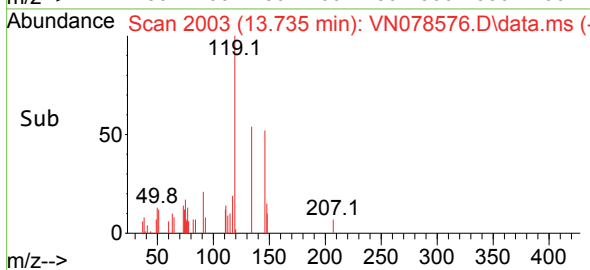
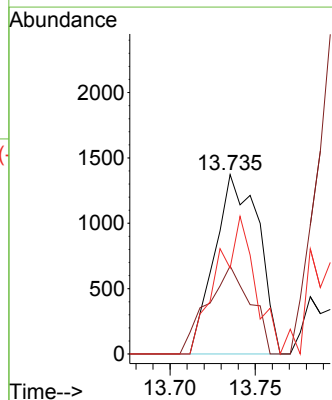
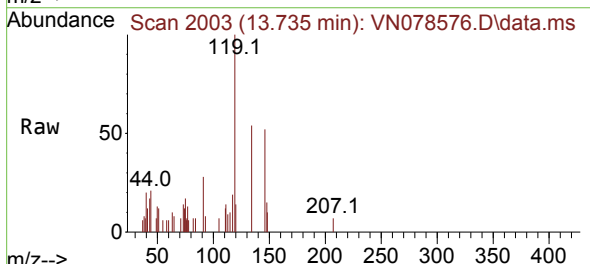
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

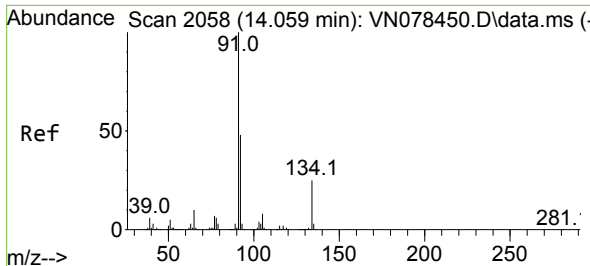
Tgt Ion:146 Resp: 2460
Ion Ratio Lower Upper
146 100
111 48.3 22.1 66.3
148 65.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.279 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.083 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion:146 Resp: 2460
Ion Ratio Lower Upper
146 100
111 48.3 20.6 61.8
148 65.9 31.6 94.8

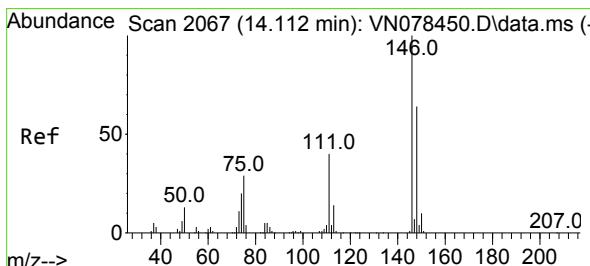
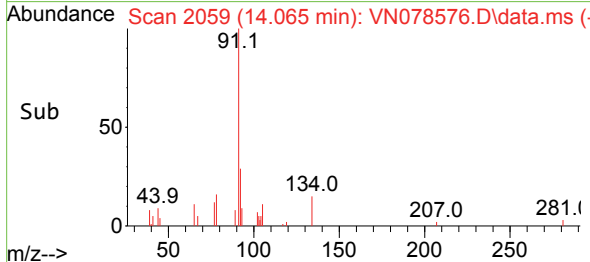
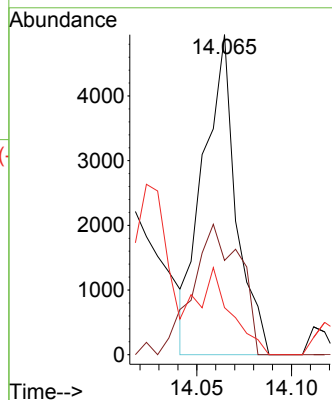
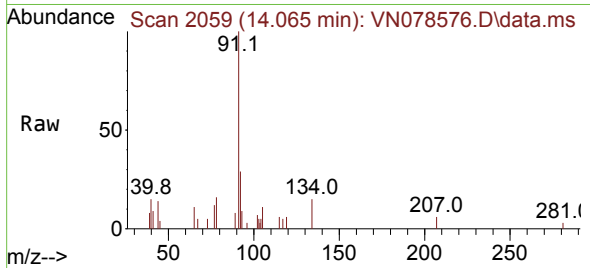




#89
n-Butylbenzene
Concen: 0.538 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

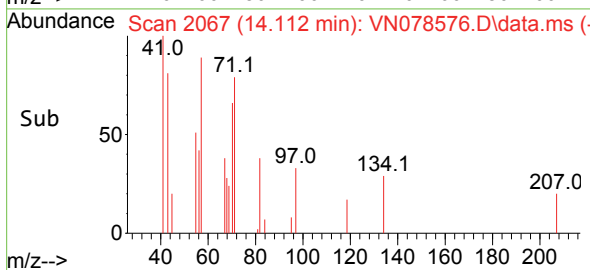
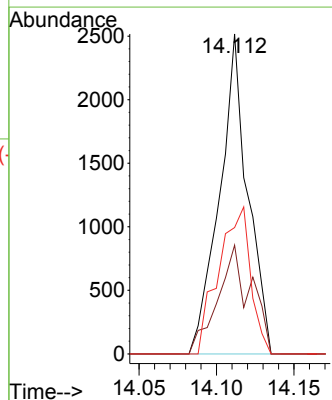
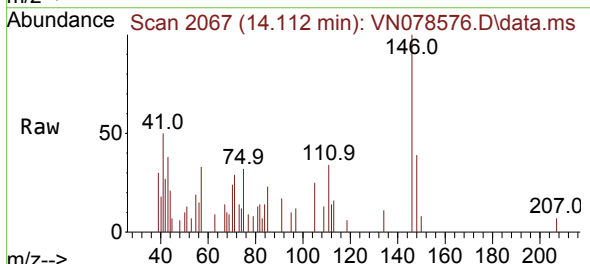
Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

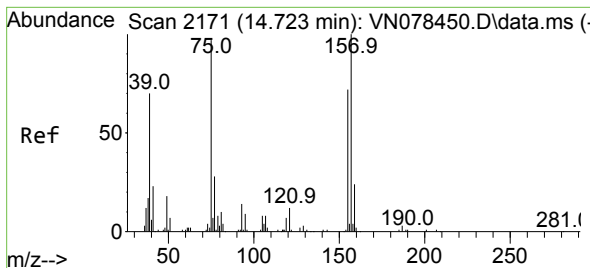
Tgt Ion: 91	Resp:	5968
Ion Ratio	Lower	Upper
91	100	
92	59.3	26.4 79.0
134	19.0	12.6 37.6



#91
1,2-Dichlorobenzene
Concen: 0.366 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 146	Resp:	3183
Ion Ratio	Lower	Upper
146	100	
111	39.7	22.0 66.0
148	52.1	31.8 95.3

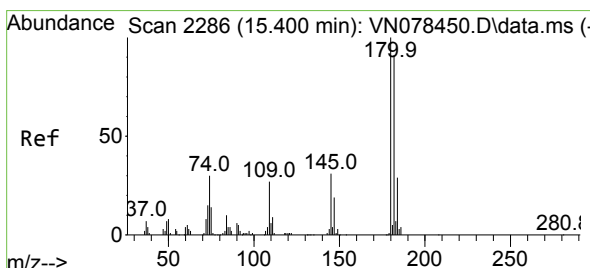
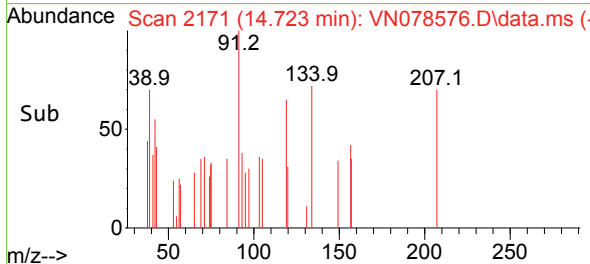
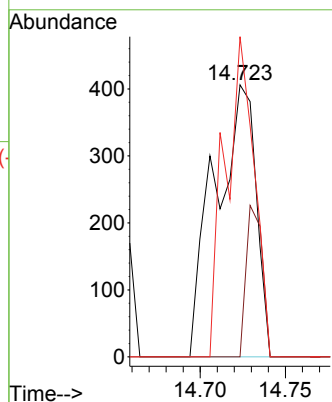
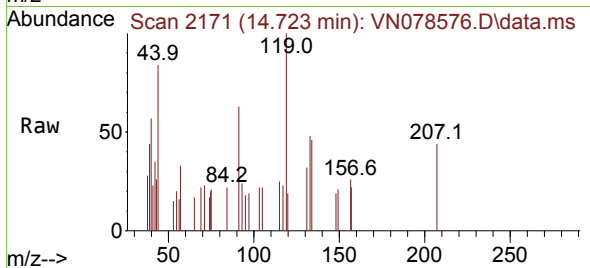




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078576.D
 Acq: 19 Jul 2023 13:24

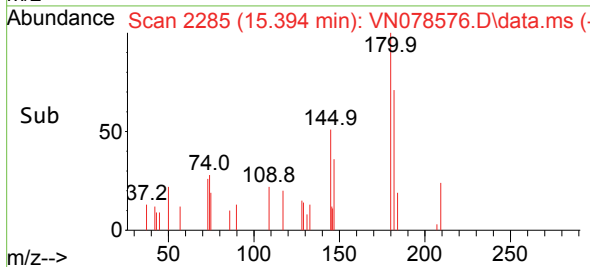
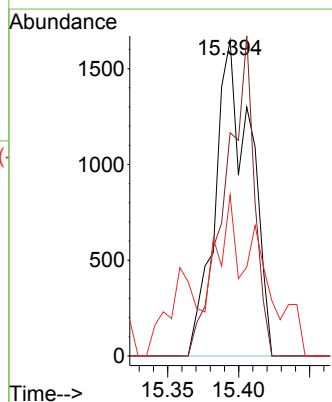
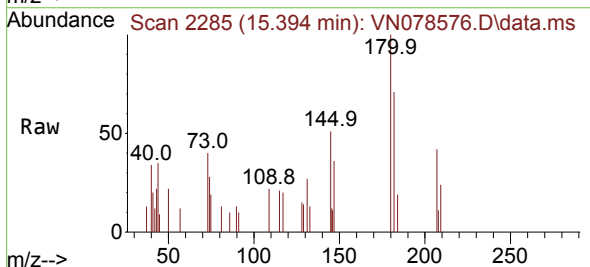
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1007

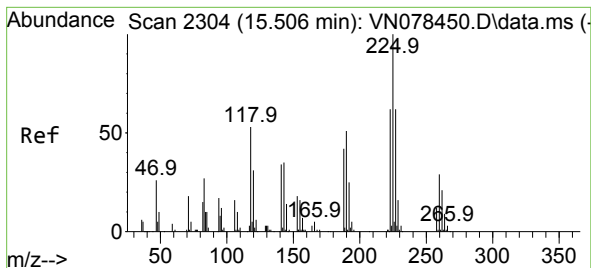
Tgt Ion: 75 Resp: 675
 Ion Ratio Lower Upper
 75 100
 155 22.1 39.1 117.2#
 157 83.3 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.027 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078576.D
 Acq: 19 Jul 2023 13:24

Tgt Ion: 180 Resp: 2852
 Ion Ratio Lower Upper
 180 100
 182 83.4 46.1 138.2
 145 20.3 16.6 49.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

AUD-1007

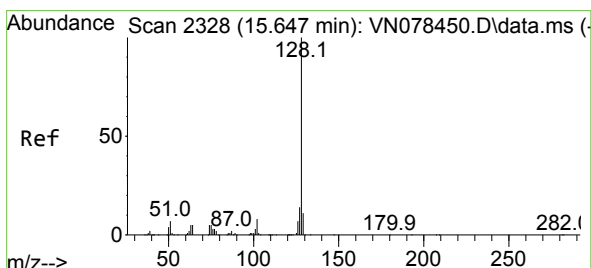
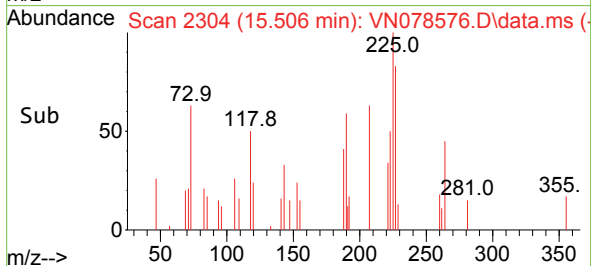
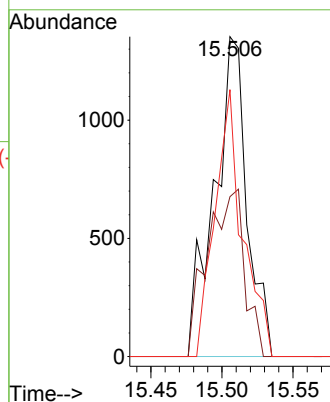
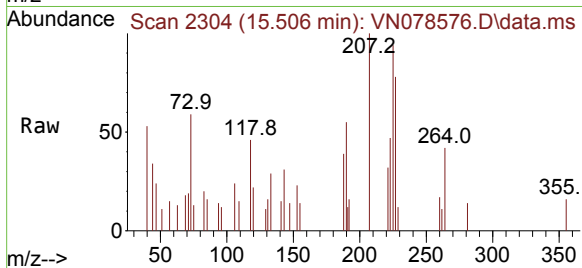
Tgt Ion:225 Resp: 2161

Ion Ratio Lower Upper

225 100

223 59.7 31.3 93.8

227 71.0 31.9 95.9



#95

Naphthalene

Concen: 2.189 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

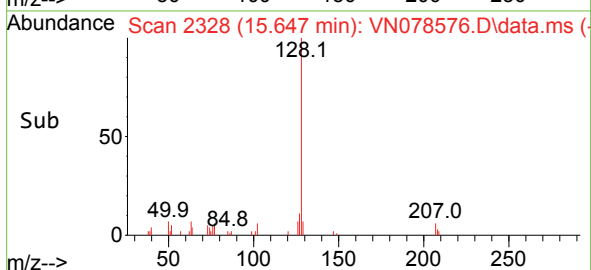
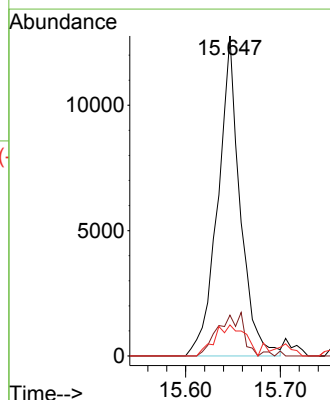
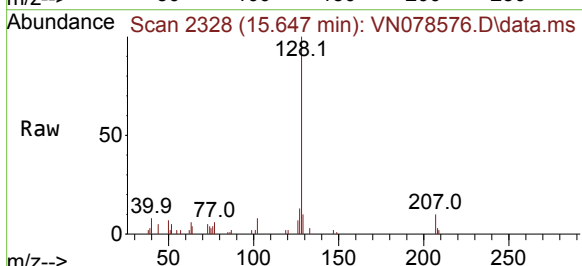
Tgt Ion:128 Resp: 20783

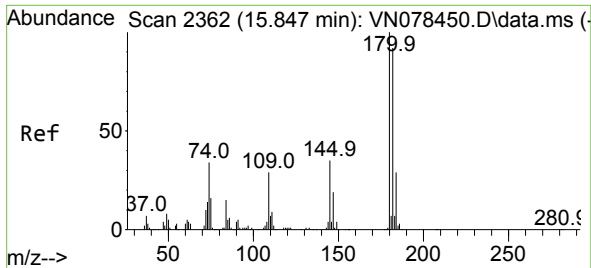
Ion Ratio Lower Upper

128 100

127 15.7 10.0 15.0#

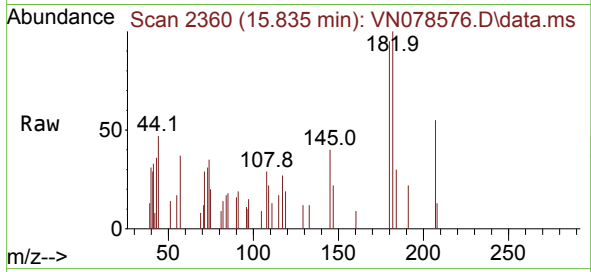
129 13.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.055 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN078576.D
 Acq: 19 Jul 2023 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1007



Tgt Ion:	180	Resp:	3369
Ion	Ratio	Lower	Upper
180	100		
182	138.3	46.2	138.6
145	56.2	17.5	52.6#

