

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077573.D
 Acq On : 03 May 2023 19:23
 Operator : JC\MD
 Sample : 02566-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1993

Quant Time: May 04 04:56:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	662755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1263751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1176051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	479059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	430502	49.780	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.560%
35) Dibromofluoromethane	8.172	113	382297	50.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.660%
50) Toluene-d8	10.572	98	1540398	52.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.820%
62) 4-Bromofluorobenzene	12.848	95	542281	56.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.372	50	1495	0.225	ug/l #	41
11) Tert butyl alcohol	5.531	59	12484	8.992	ug/l	98
13) Acrolein	4.201	56	2410	1.745	ug/l #	52
16) Acetone	4.443	43	225009	81.782	ug/l	95
17) Carbon Disulfide	4.719	76	4494	0.239	ug/l #	75
18) Methyl Acetate	5.037	43	7323	0.689	ug/l	92
20) Methylene Chloride	5.290	84	86733	9.940	ug/l	91
25) 2-Butanone	7.495	43	26248	6.726	ug/l #	85
29) Tetrahydrofuran	7.848	42	1015	0.415	ug/l #	79
31) Cyclohexane	8.231	56	18729	1.529	ug/l #	21
36) 1,1-Dichloropropene	8.231	75	54194	4.939	ug/l #	50
37) Ethyl Acetate	7.566	43	95179	11.414	ug/l	94
38) Carbon Tetrachloride	8.231	117	73816	6.097	ug/l #	15
39) Methylcyclohexane	9.601	83	3971	0.275	ug/l #	78
40) Benzene	8.613	78	2999616	89.729	ug/l	99
42) 1,2-Dichloroethane	8.695	62	3556	0.310	ug/l #	73
43) Isopropyl Acetate	8.695	43	488341	33.852	ug/l #	87
48) Methyl methacrylate	9.660	41	22597	3.441	ug/l #	34
49) 1,4-Dioxane	9.701	88	128	0.777	ug/l #	30
51) 4-Methyl-2-Pentanone	10.448	43	63471	7.501	ug/l	86
52) Toluene	10.630	92	1900918	86.800	ug/l	100
53) t-1,3-Dichloropropene	10.725	75	3719	0.299	ug/l	91
54) cis-1,3-Dichloropropene	10.360	75	186736	13.785	ug/l #	59
57) 1,3-Dichloropropane	11.207	76	22160	1.580	ug/l #	42
59) 2-Hexanone	11.172	43	292268	47.519	ug/l #	19
67) Ethyl Benzene	11.966	91	298063	6.804	ug/l	100
68) m/p-Xylenes	12.071	106	651769	38.279	ug/l	99
69) o-Xylene	12.401	106	586467	35.018	ug/l	98
70) Styrene	12.413	104	114256	4.362	ug/l #	23
73) Isopropylbenzene	12.701	105	16976	0.382	ug/l	89
74) N-amyl acetate	12.466	43	9459	0.719	ug/l #	37
76) 1,2,3-Trichloropropane	12.854	75	280460	25.176	ug/l #	1
78) n-propylbenzene	13.036	91	38932	0.792	ug/l	96
79) 2-Chlorotoluene	13.095	91	20820	0.687	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.177	105	165911	5.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.854	75	280460	71.126	ug/l #	16

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

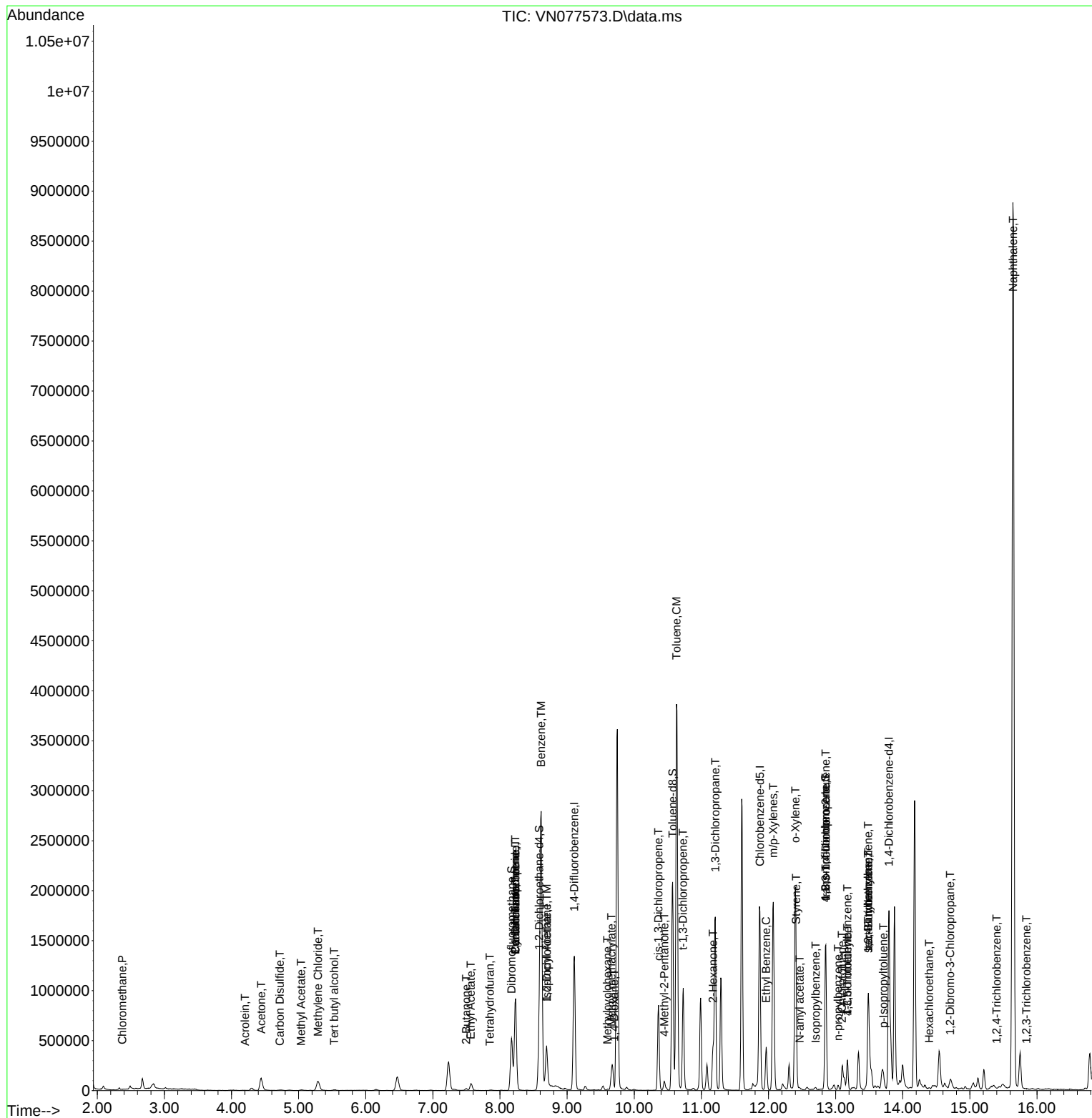
82) 4-Chlorotoluene	13.177	91	18190	0.642	ug/l #	41
83) tert-Butylbenzene	13.489	119	60832	1.897	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.483	105	659532	21.391	ug/l	85
85) sec-Butylbenzene	13.483	105	659532	14.987	ug/l #	57
86) p-Isopropyltoluene	13.713	119	11090	0.328	ug/l #	63
90) Hexachloroethane	14.395	117	5633	0.753	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.707	75	1768	0.684	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.401	180	300	0.884	ug/l #	37
95) Naphthalene	15.642	128	8834807	192.030	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	220	0.542	ug/l #	14

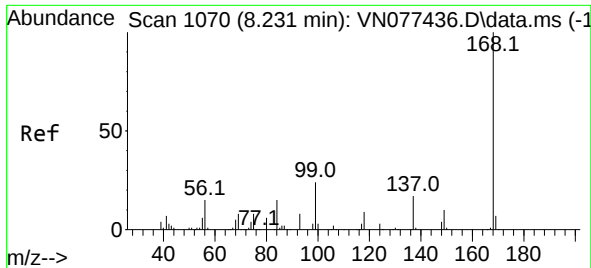
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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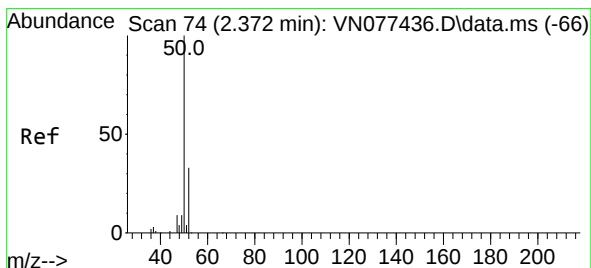
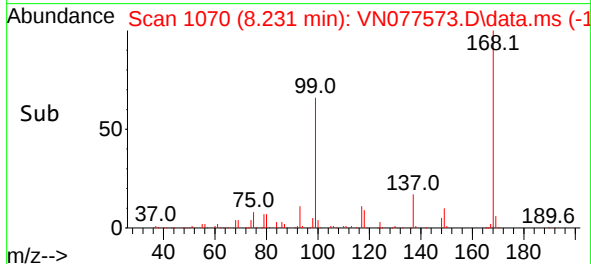
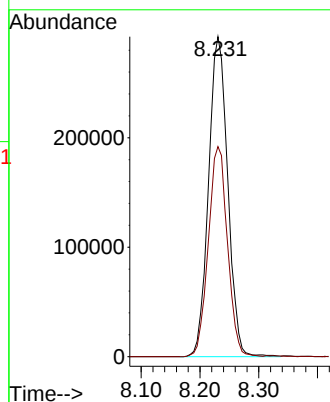
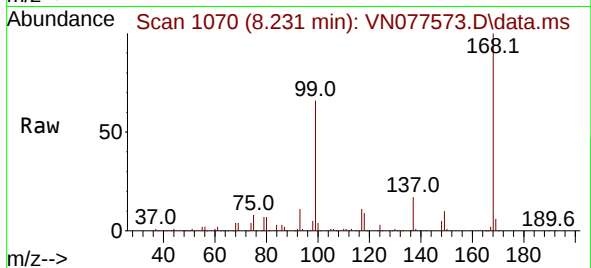




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

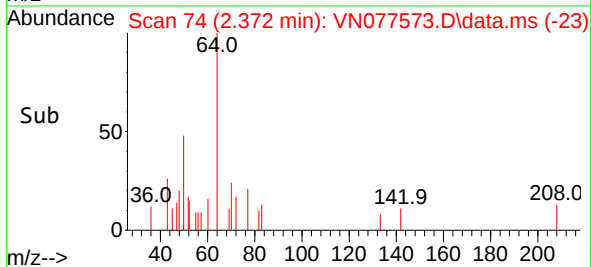
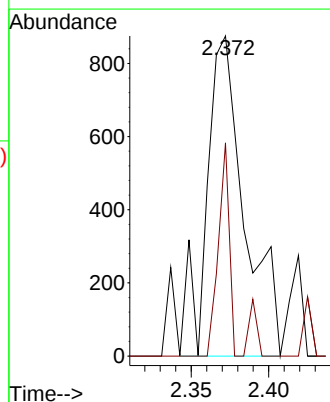
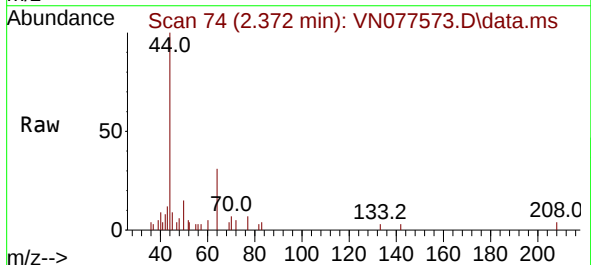
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MSVOA_N
ClientSampleId :
AUD-1993

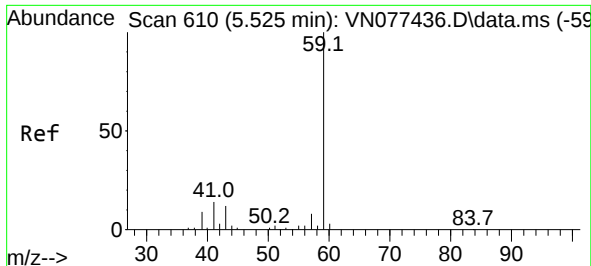
Tgt Ion:168 Resp: 662755
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6



#3
Chloromethane
Concen: 0.225 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 50 Resp: 1495
Ion Ratio Lower Upper
50 100
52 66.6 26.5 39.7#

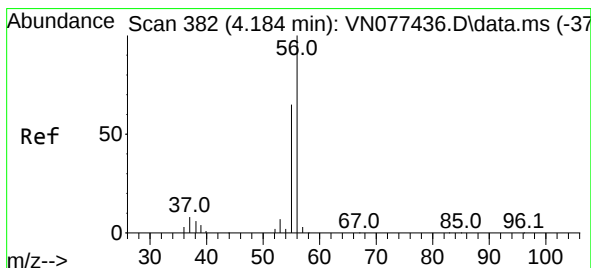
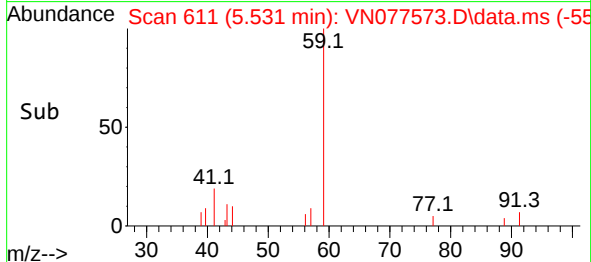
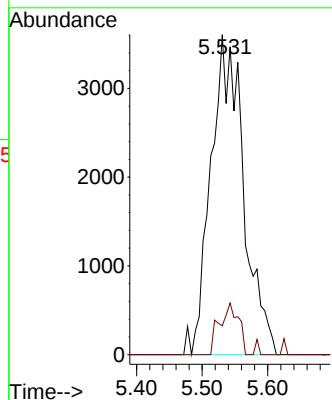
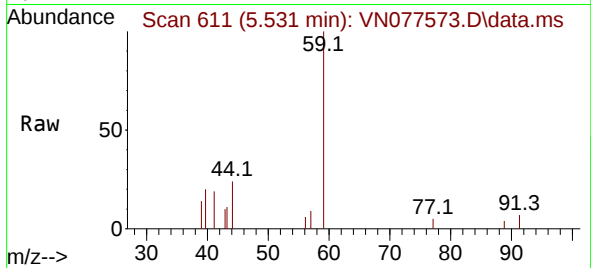




#11
Tert butyl alcohol
Concen: 8.992 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

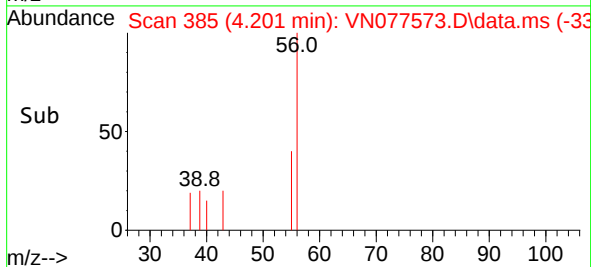
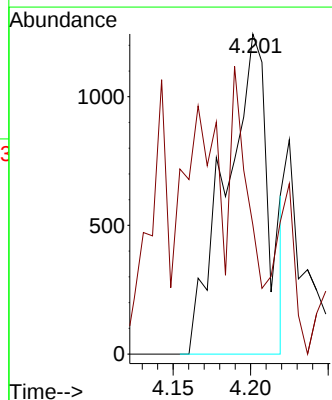
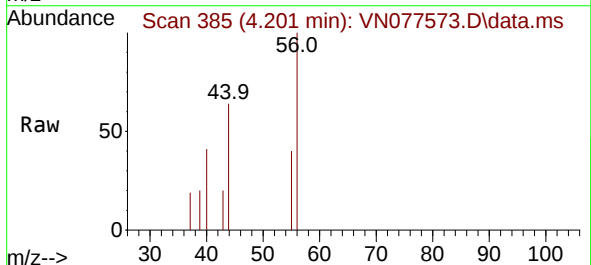
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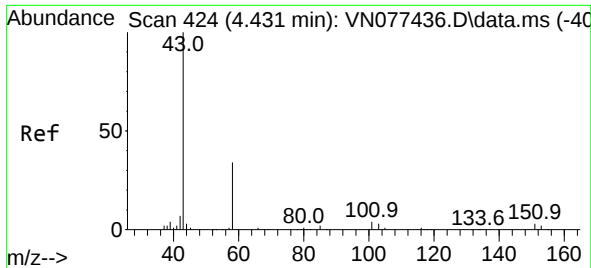
Tgt Ion: 59 Resp: 12484
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4



#13
Acrolein
Concen: 1.745 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.018 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 56 Resp: 2410
Ion Ratio Lower Upper
56 100
55 29.0 54.5 81.7#

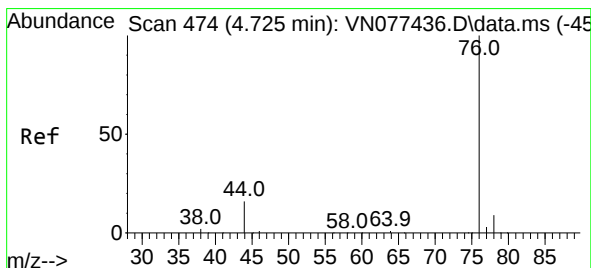
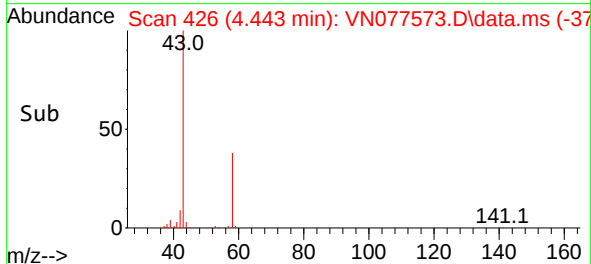
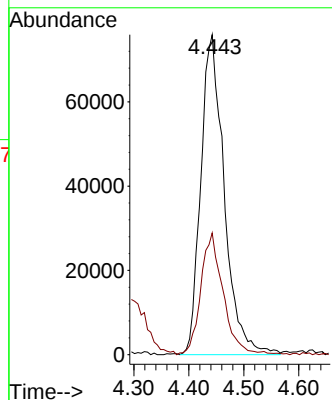
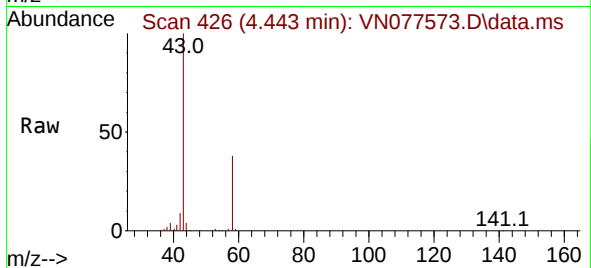




#16
Acetone
Concen: 81.782 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

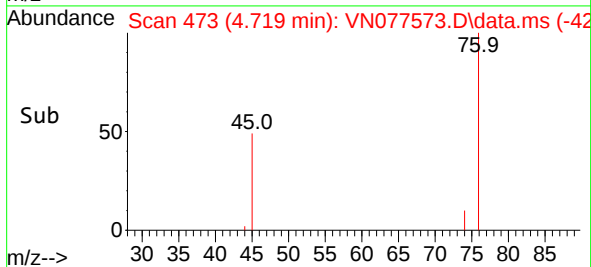
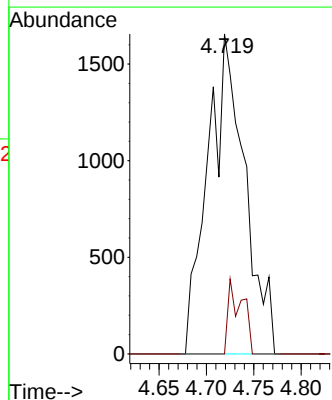
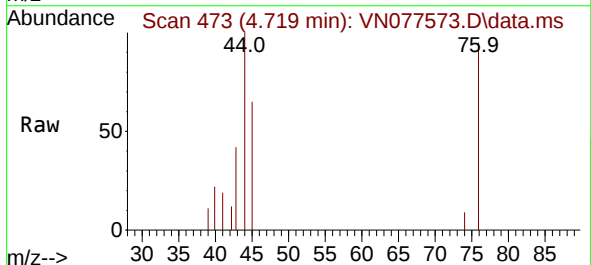
Instrument :
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AUD-1993

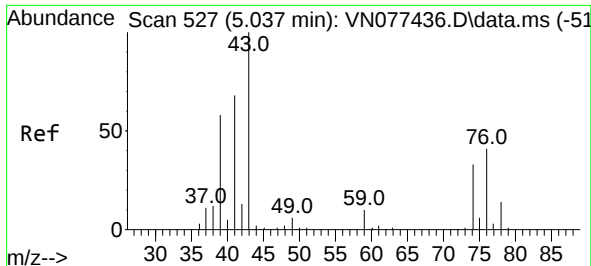
Tgt Ion: 43 Resp: 225009
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0



#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 76 Resp: 4494
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

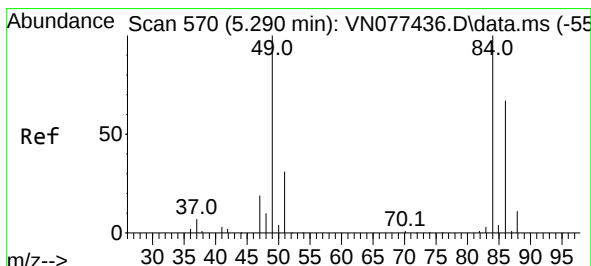
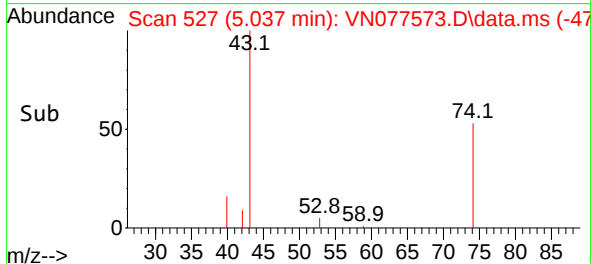
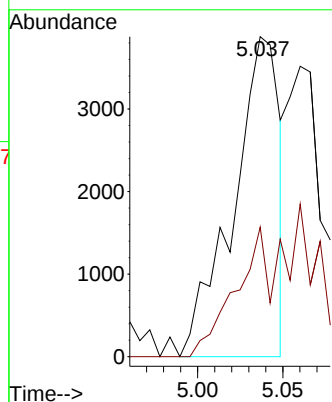
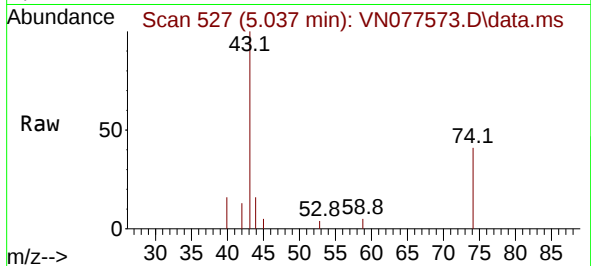




#18
Methyl Acetate
Concen: 0.689 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

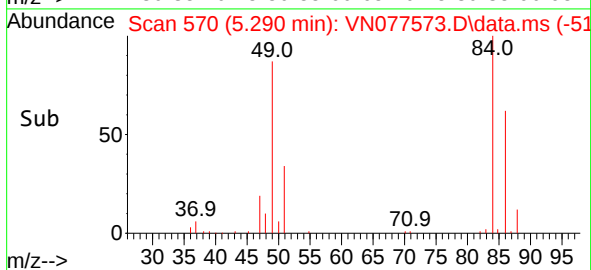
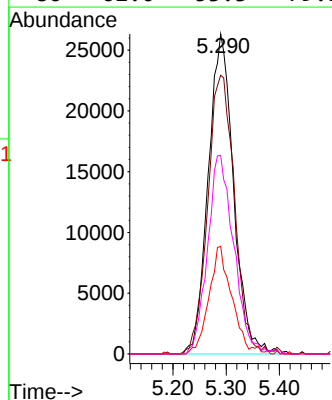
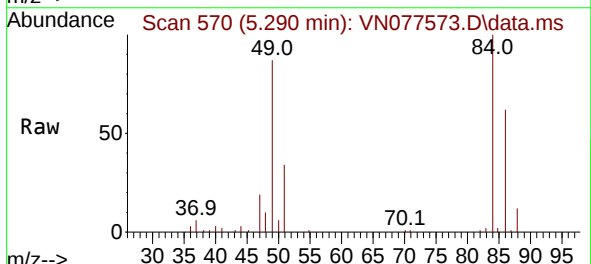
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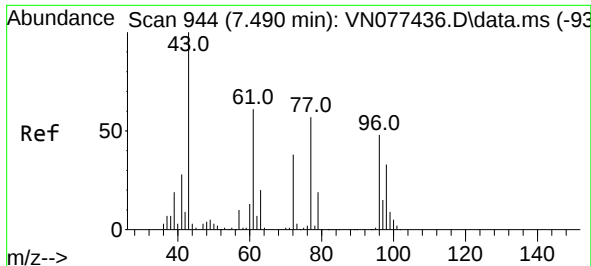
Tgt Ion: 43 Resp: 7323
Ion Ratio Lower Upper
43 100
74 28.3 26.2 39.4



#20
Methylene Chloride
Concen: 9.940 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 84 Resp: 86733
Ion Ratio Lower Upper
84 100
49 87.1 79.7 119.5
51 33.7 25.2 37.8
86 62.0 53.3 79.9





#25

2-Butanone

Concen: 6.726 ug/l

RT: 7.495 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

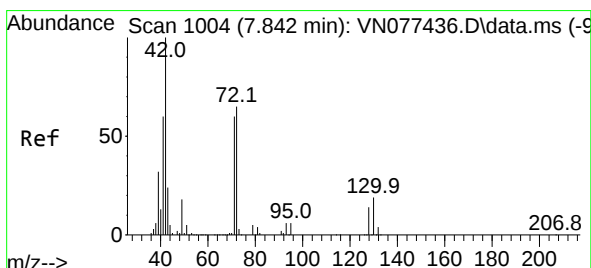
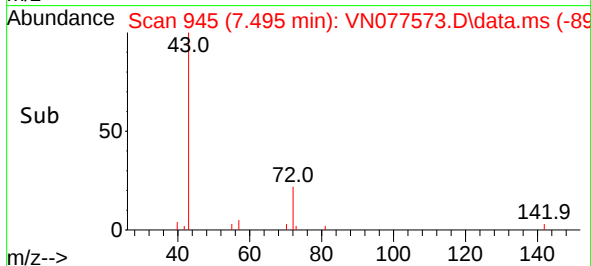
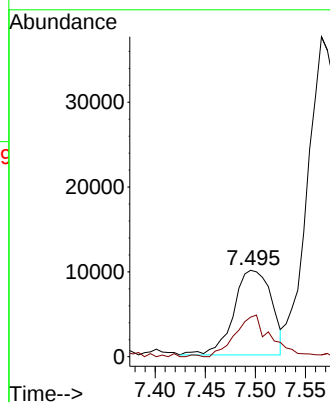
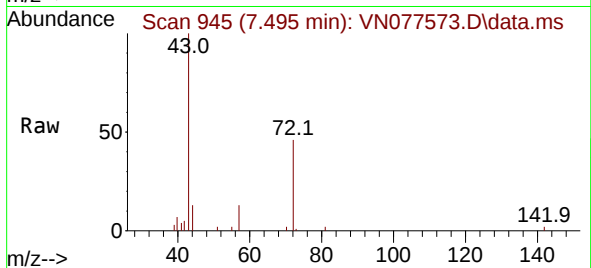
AUD-1993

Tgt Ion: 43 Resp: 26248

Ion Ratio Lower Upper

43 100

72 46.6 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.415 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077573.D

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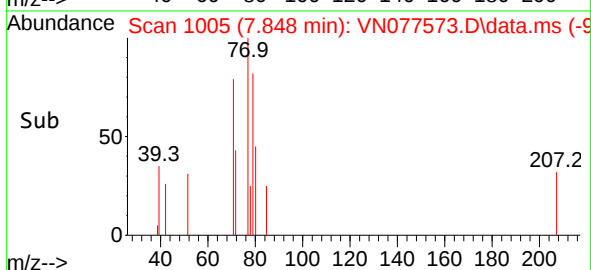
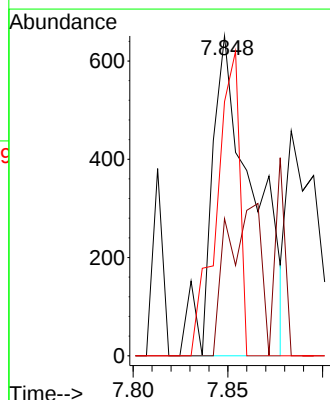
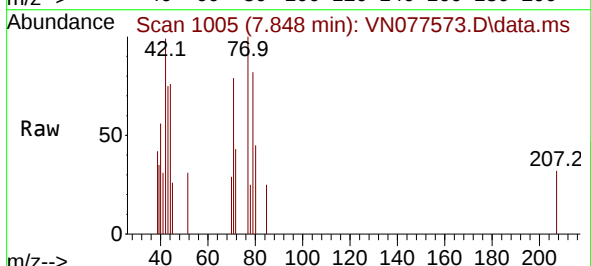
Tgt Ion: 42 Resp: 1015

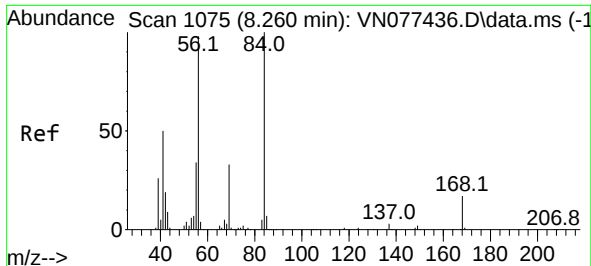
Ion Ratio Lower Upper

42 100

72 37.1 49.8 74.6#

71 52.1 47.4 71.2

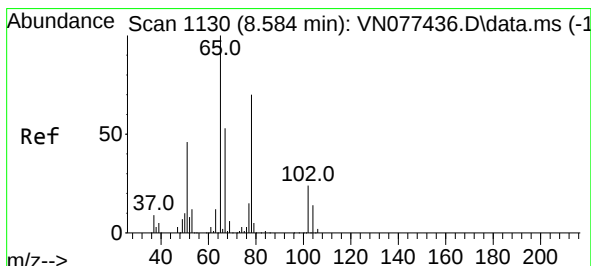
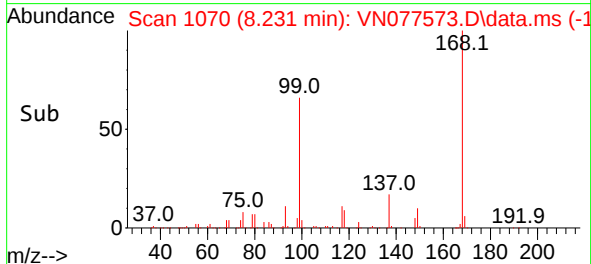
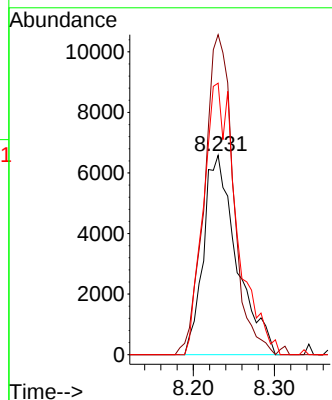
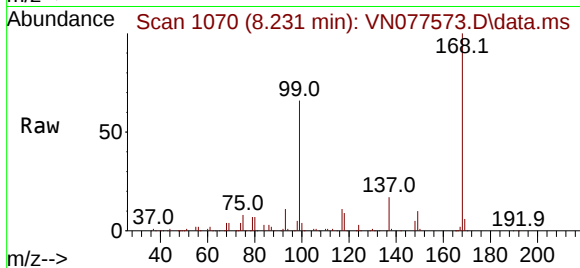




#31
Cyclohexane
Concen: 1.529 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

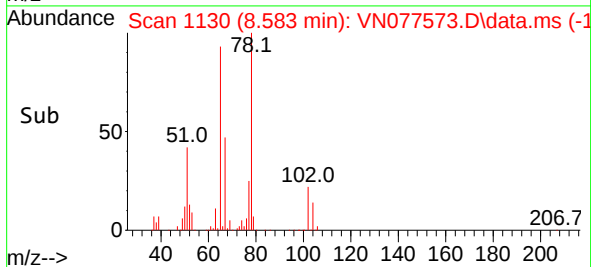
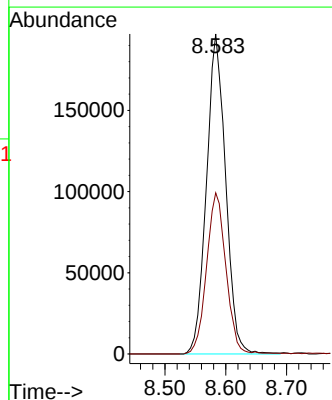
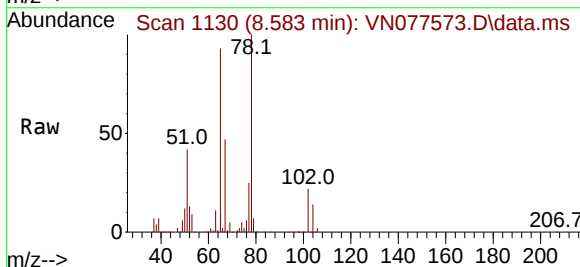
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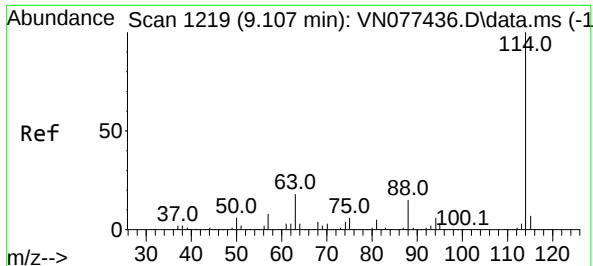
Tgt Ion: 56 Resp: 18729
Ion Ratio Lower Upper
56 100
69 158.0 26.8 40.2#
84 136.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 49.780 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 65 Resp: 430502
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

AUD-1993

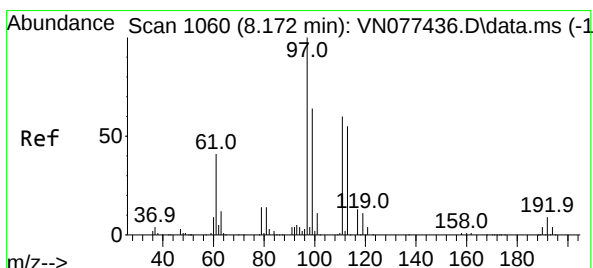
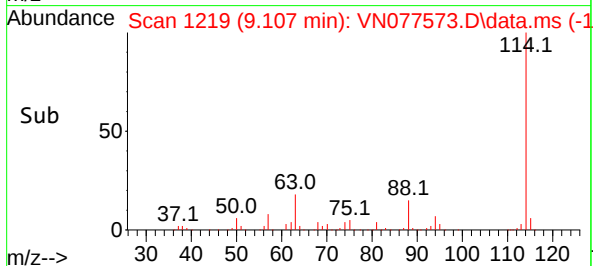
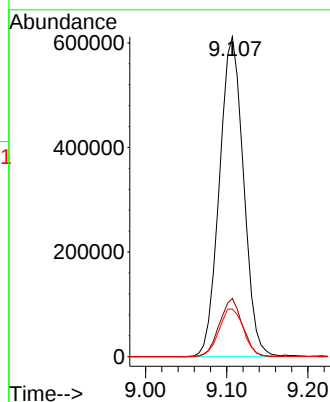
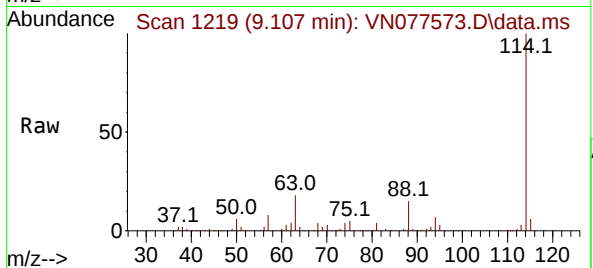
Tgt Ion:114 Resp: 1263751

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.331 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

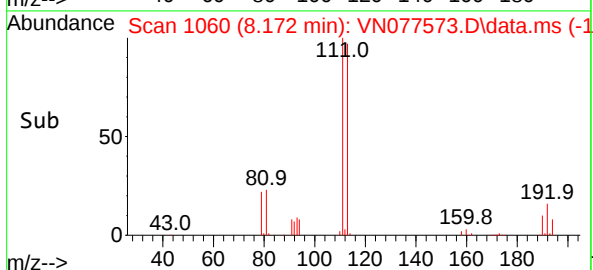
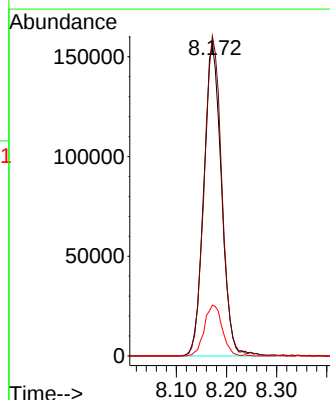
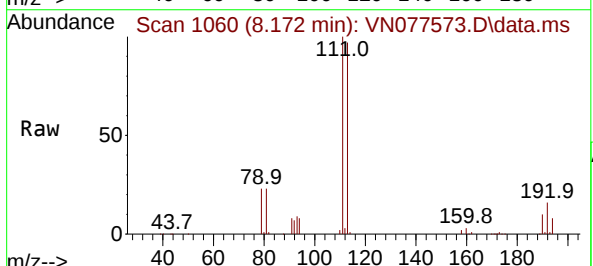
Tgt Ion:113 Resp: 382297

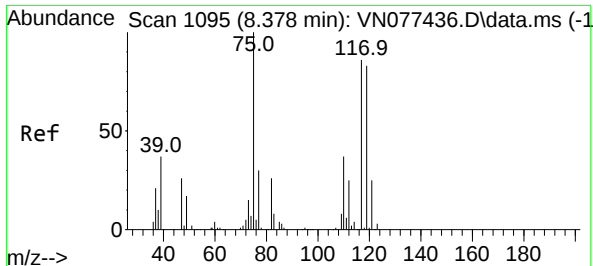
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 16.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

AUD-1993

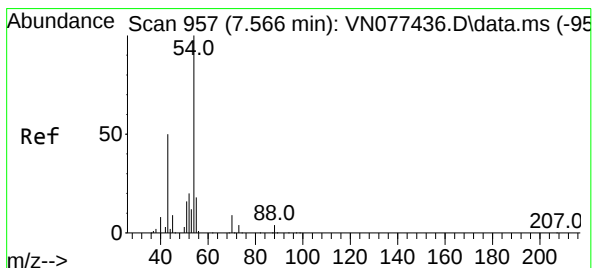
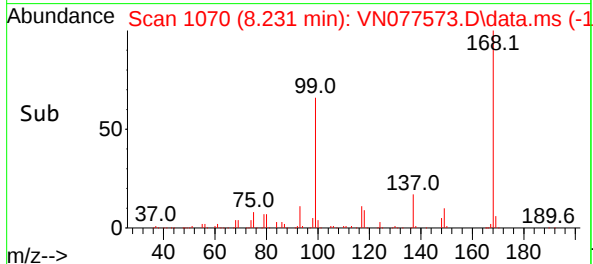
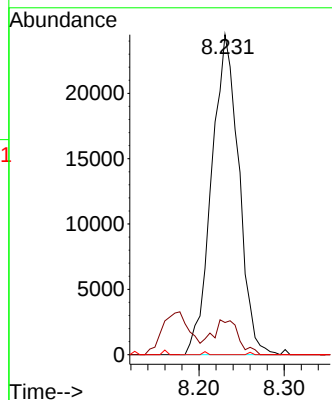
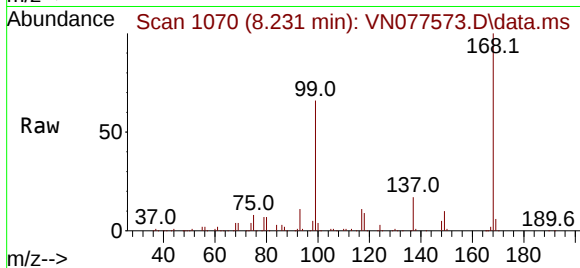
Tgt Ion: 75 Resp: 54194

Ion Ratio Lower Upper

75 100

110 10.7 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 11.414 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

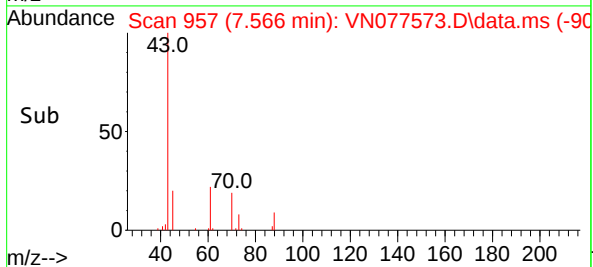
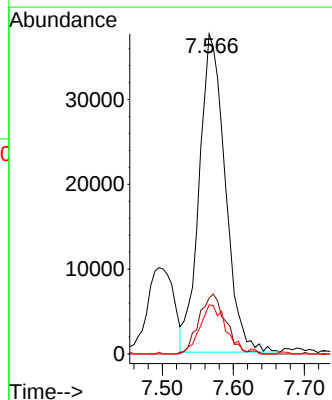
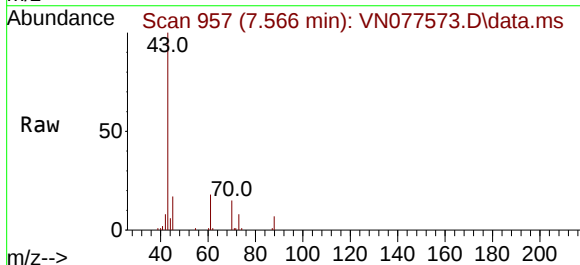
Tgt Ion: 43 Resp: 95179

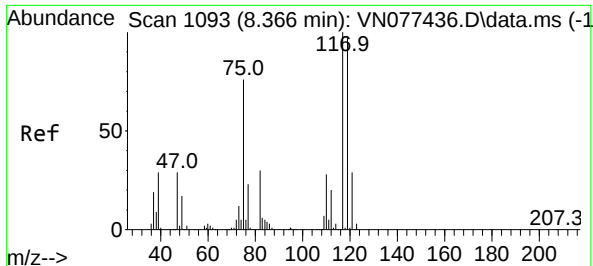
Ion Ratio Lower Upper

43 100

61 19.6 13.2 19.8

70 15.5 11.3 16.9

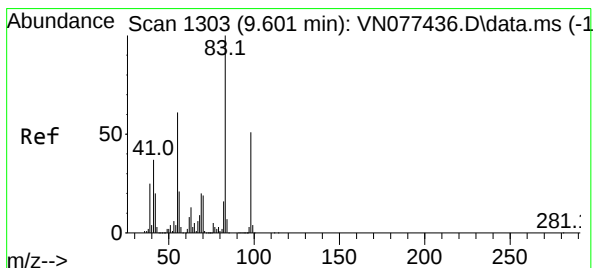
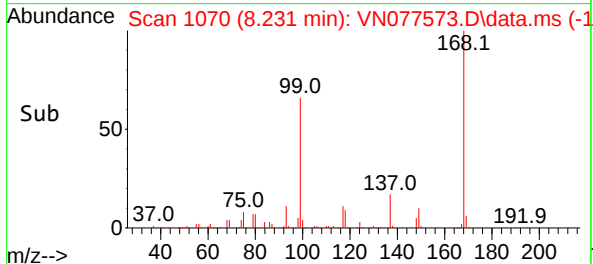
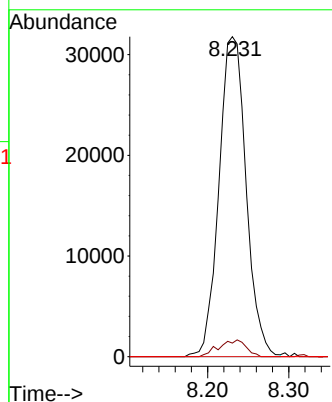
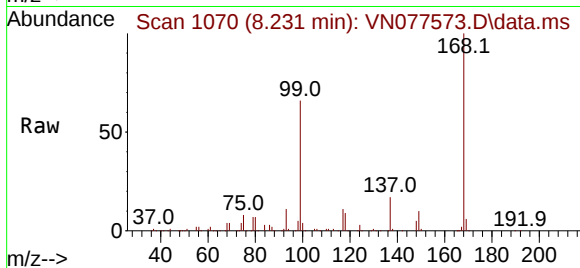




#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

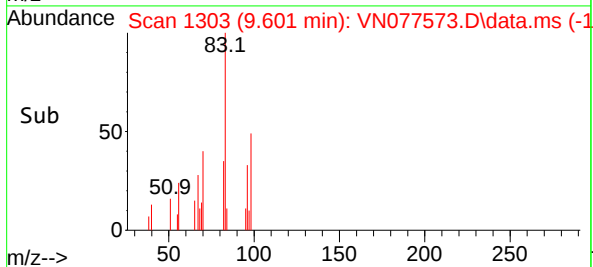
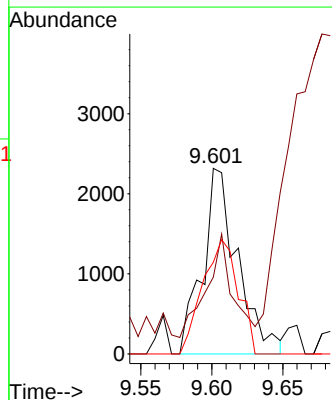
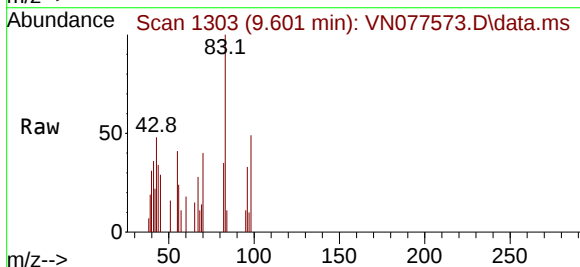
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

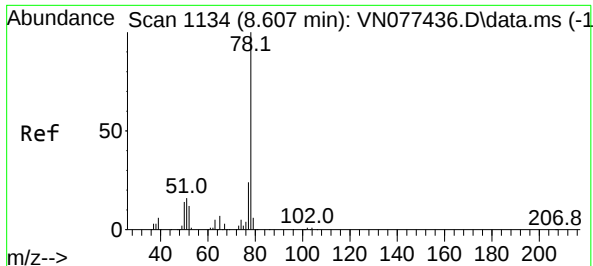
Tgt Ion: 117 Resp: 73816
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.275 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 83 Resp: 3971
Ion Ratio Lower Upper
83 100
55 32.5 49.1 73.7#
98 49.4 40.6 61.0

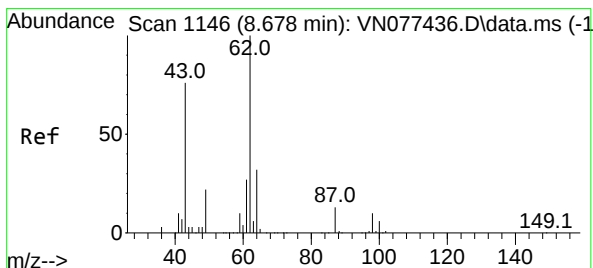
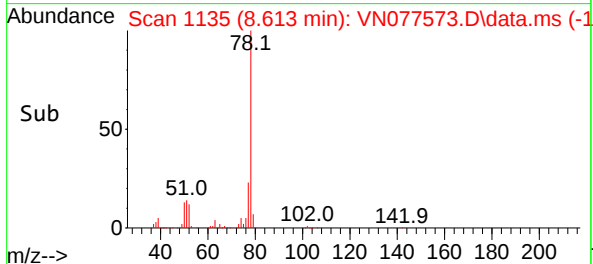
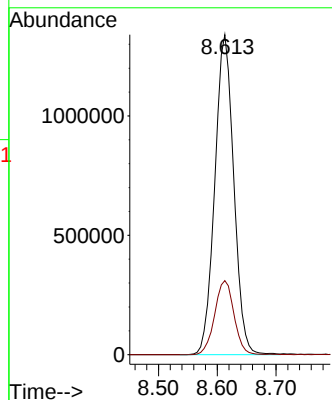
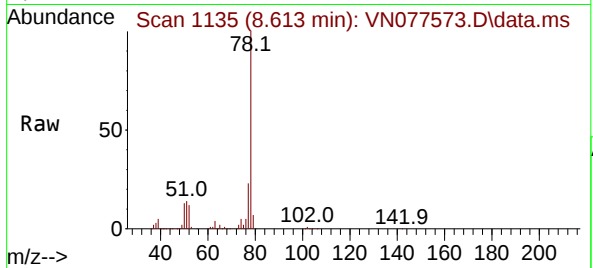




#40
Benzene
Concen: 89.729 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

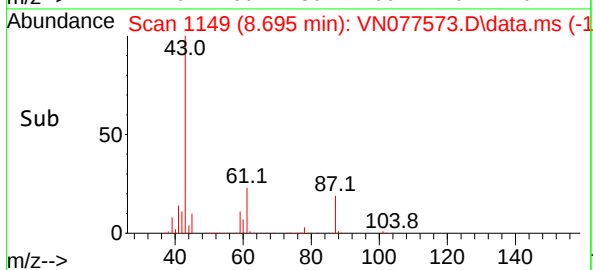
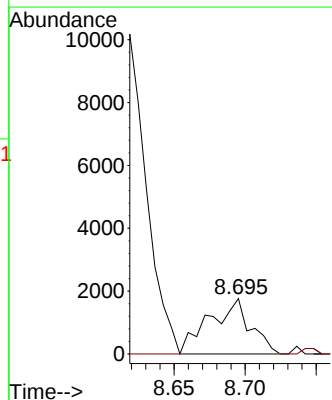
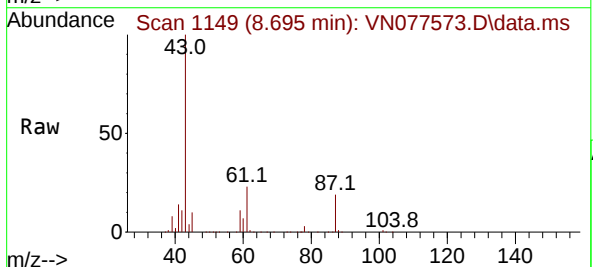
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

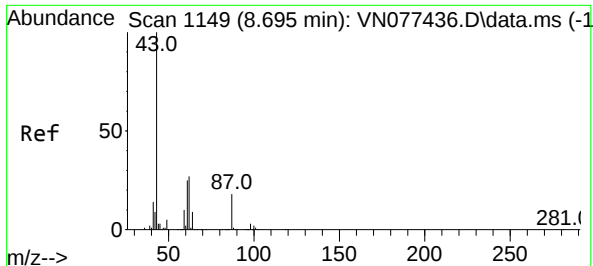
Tgt Ion: 78 Resp: 2999616
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.310 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 62 Resp: 3556
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 33.852 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

AUD-1993

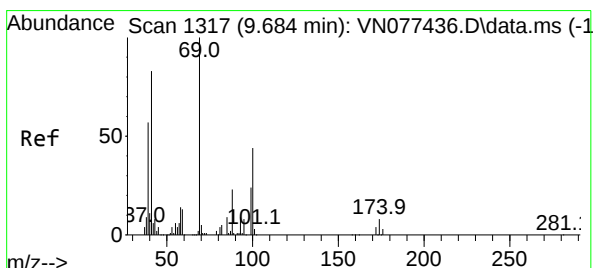
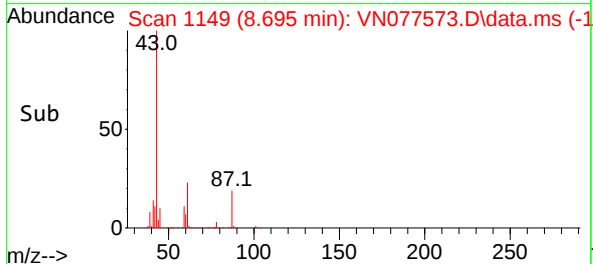
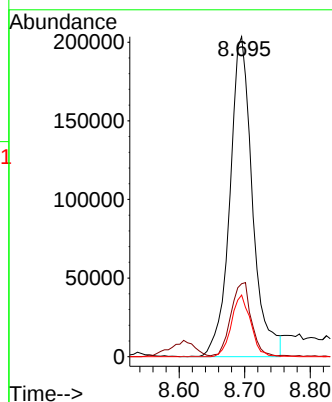
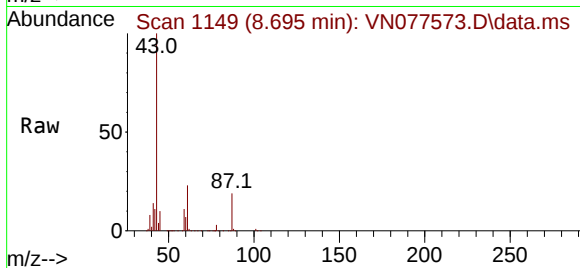
Tgt Ion: 43 Resp: 488341

Ion Ratio Lower Upper

43 100

61 20.4 24.7 37.1#

87 16.5 14.6 21.8



#48

Methyl methacrylate

Concen: 3.441 ug/l

RT: 9.660 min Scan# 1313

Delta R.T. -0.024 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

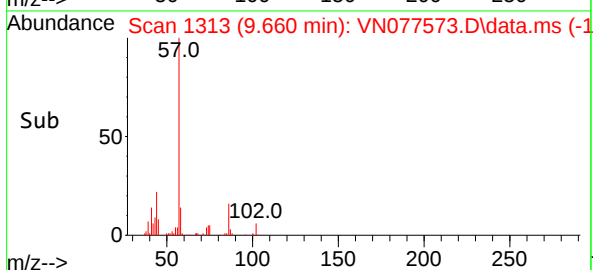
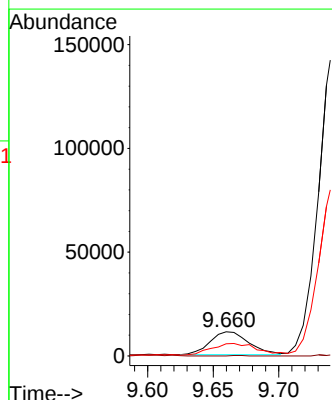
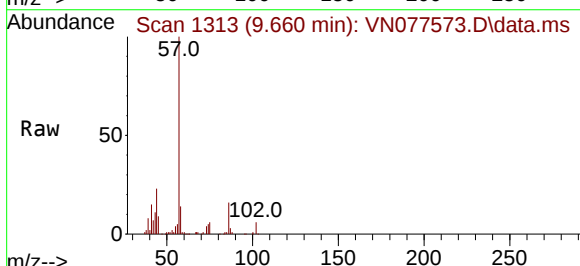
Tgt Ion: 41 Resp: 22597

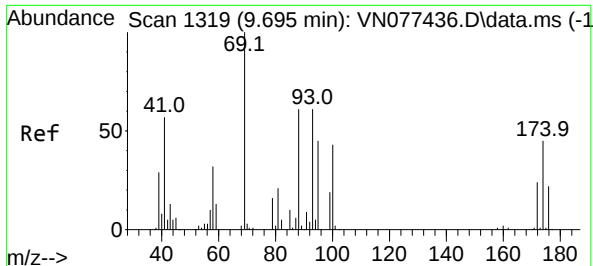
Ion Ratio Lower Upper

41 100

69 0.7 90.4 135.6#

39 69.0 54.6 81.8





#49

1,4-Dioxane

Concen: 0.777 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

AUD-1993

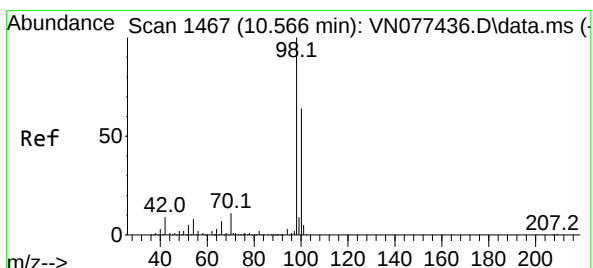
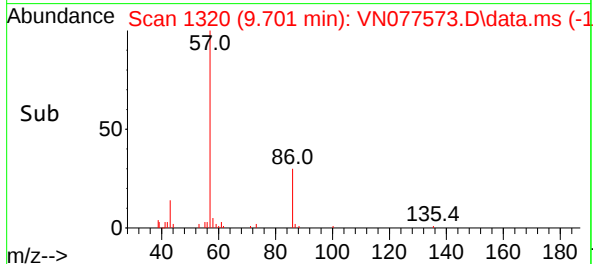
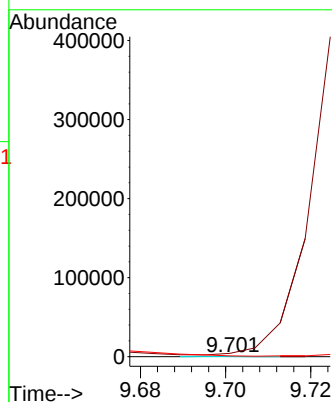
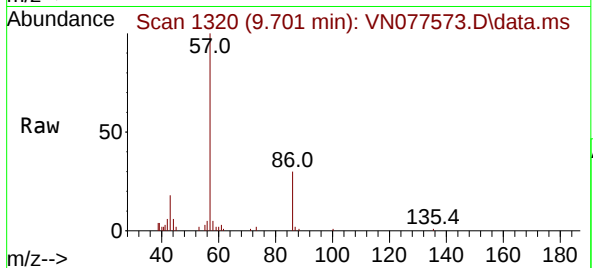
Tgt Ion: 88 Resp: 128

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 52.914 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077573.D

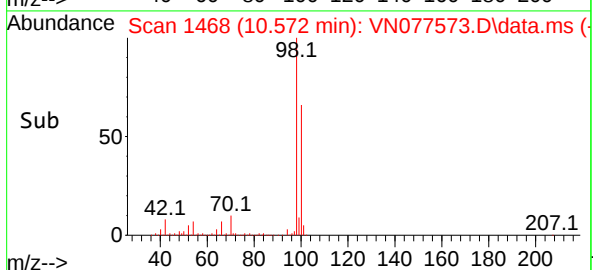
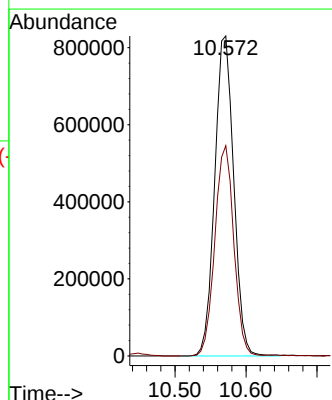
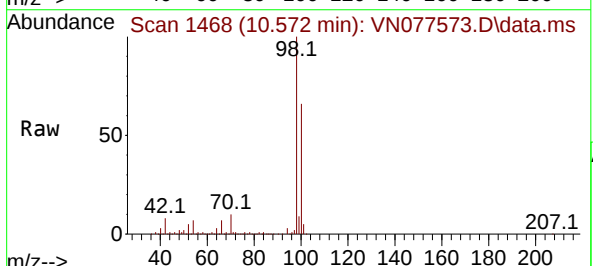
Acq: 03 May 2023 19:23

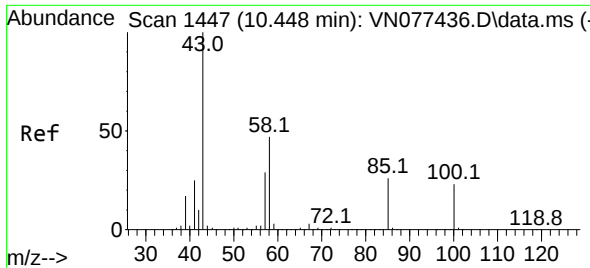
Tgt Ion: 98 Resp: 1540398

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

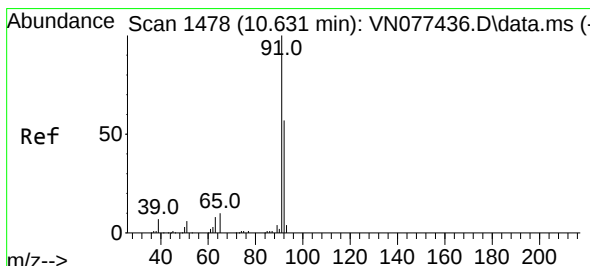
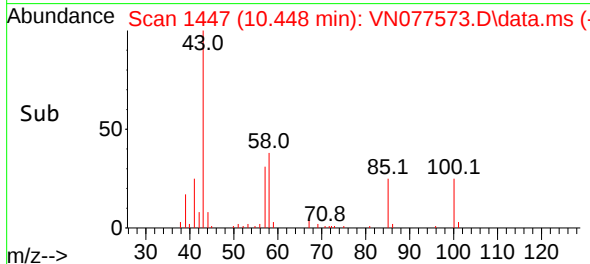
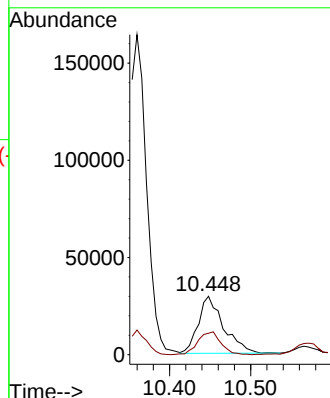
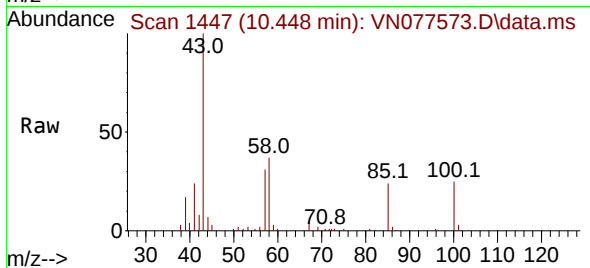




#51
4-Methyl-2-Pentanone
Concen: 7.501 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

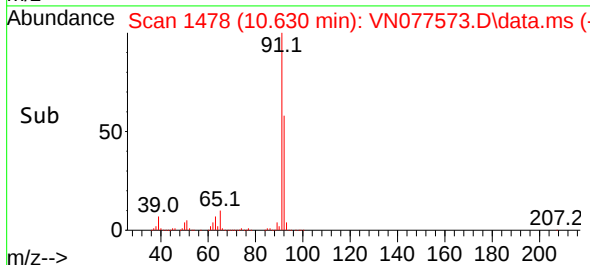
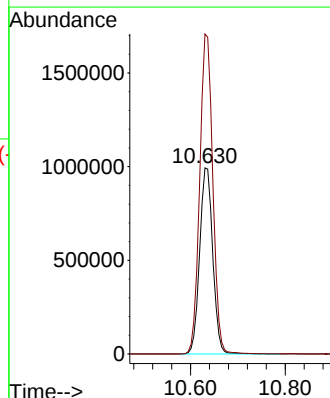
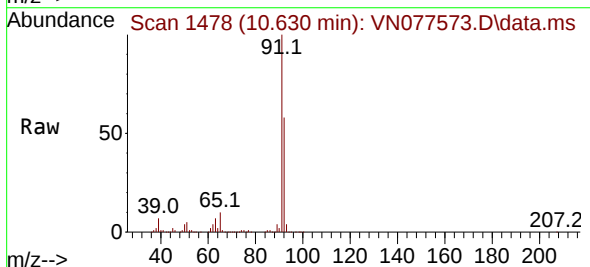
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

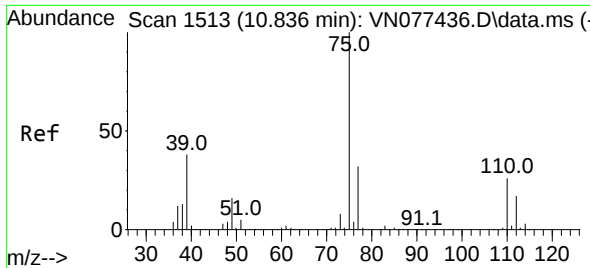
Tgt Ion: 43 Resp: 63471
Ion Ratio Lower Upper
43 100
58 36.6 36.6 54.8



#52
Toluene
Concen: 86.800 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 92 Resp: 1900918
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0

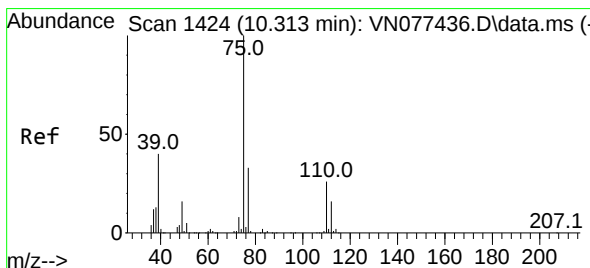
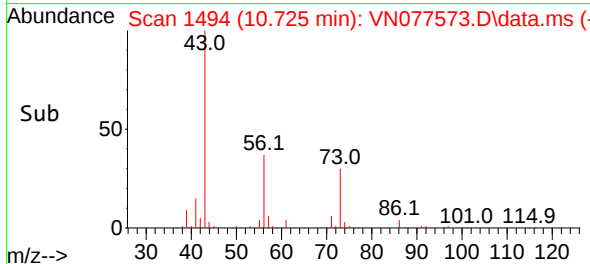
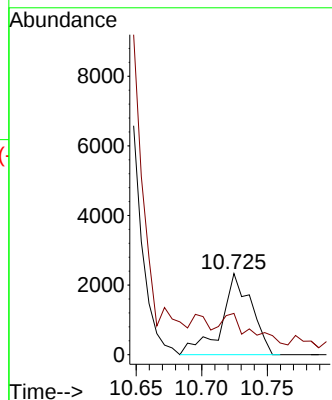
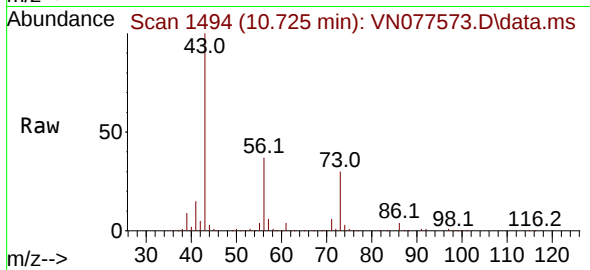




#53
 t-1,3-Dichloropropene
 Concen: 0.299 ug/l
 RT: 10.725 min Scan# 1494
 Delta R.T. -0.112 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

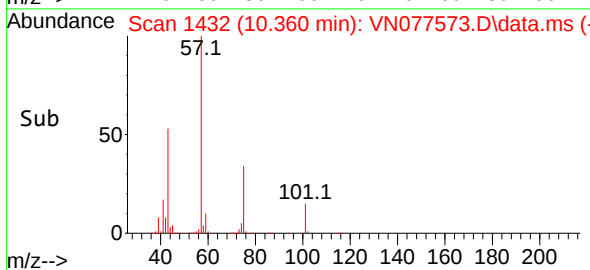
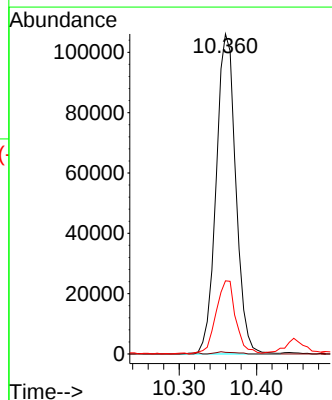
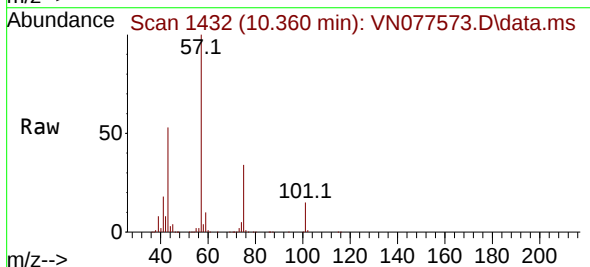
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1993

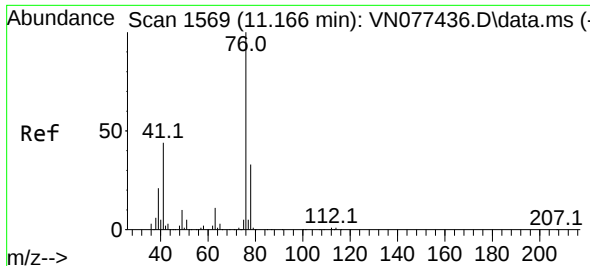
Tgt Ion: 75 Resp: 3719
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 13.785 ug/l
 RT: 10.360 min Scan# 1432
 Delta R.T. 0.047 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

Tgt Ion: 75 Resp: 186736
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.1 39.1#
 39 22.6 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 1.580 ug/l

RT: 11.207 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

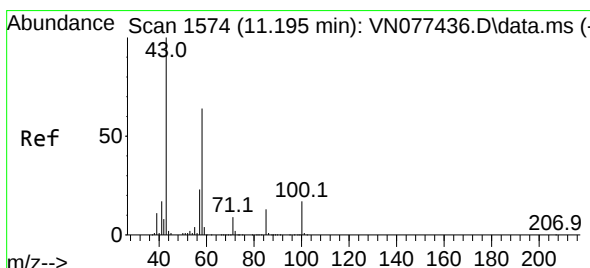
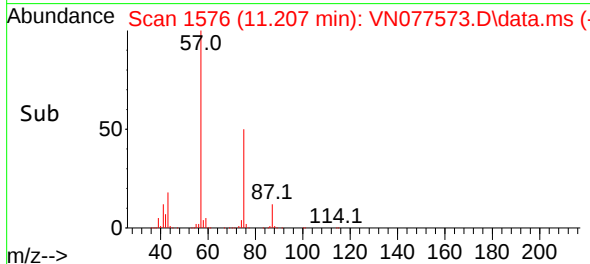
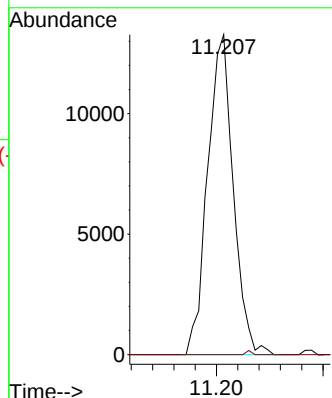
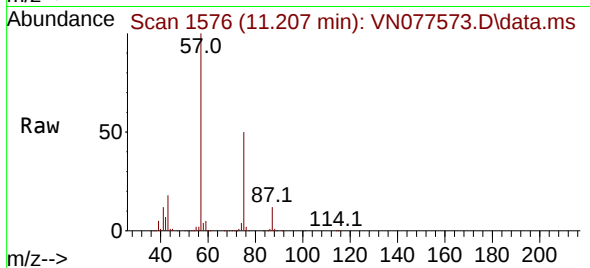
AUD-1993

Tgt Ion: 76 Resp: 22160

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 47.519 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.024 min

Lab File: VN077573.D

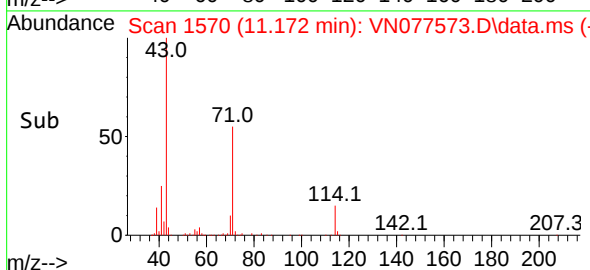
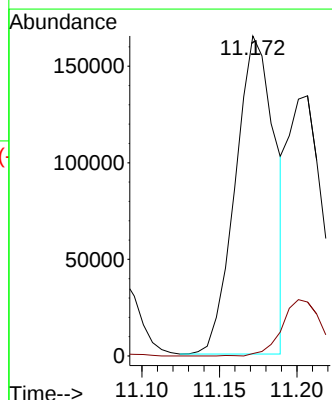
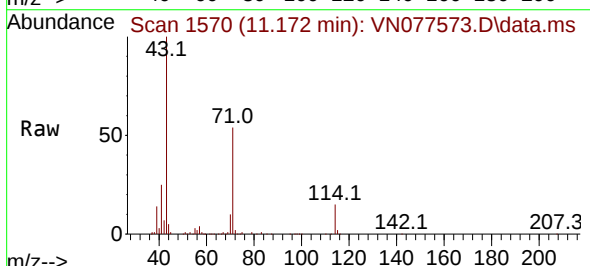
Acq: 03 May 2023 19:23

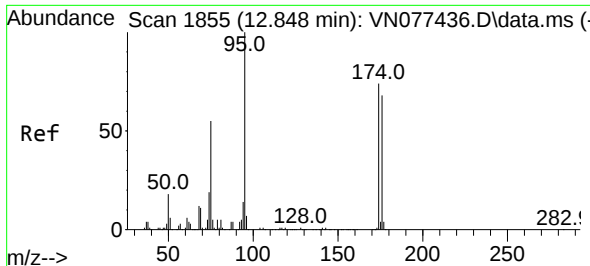
Tgt Ion: 43 Resp: 292268

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

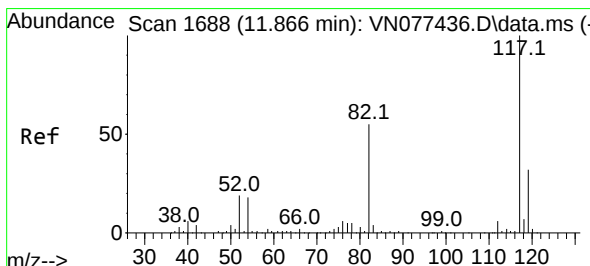
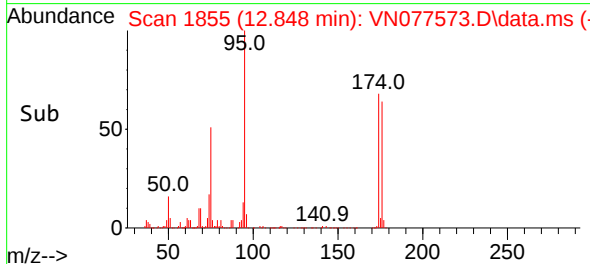
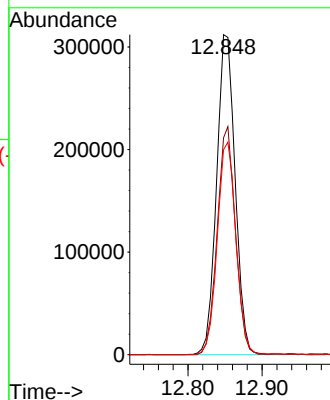
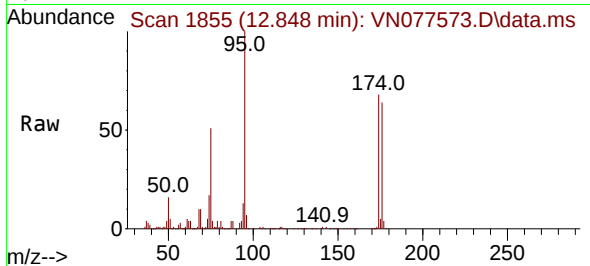




#62
4-Bromofluorobenzene
Concen: 56.936 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

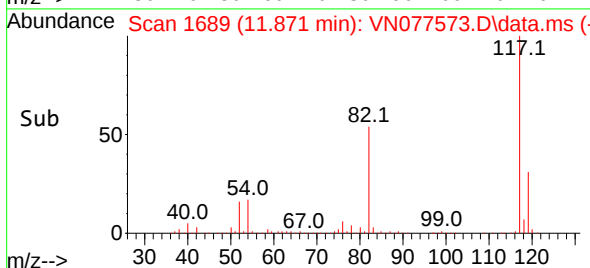
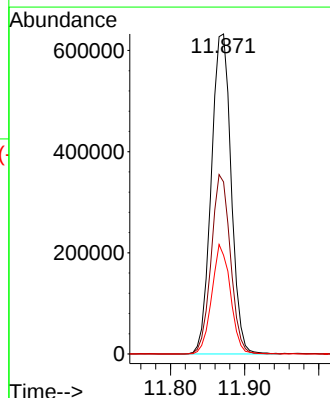
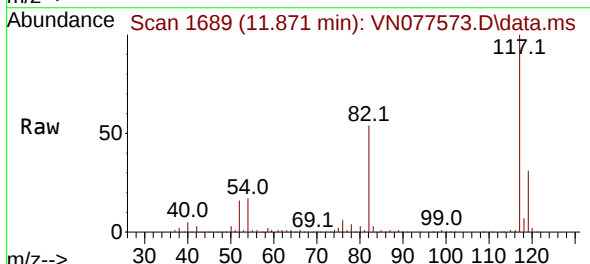
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

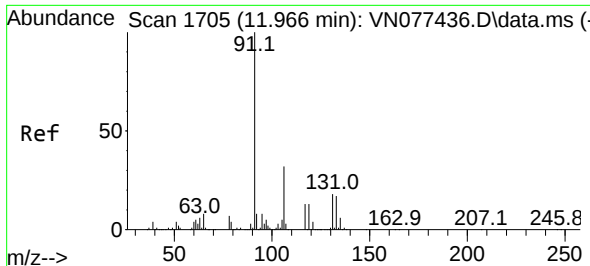
Tgt Ion: 95 Resp: 542281
Ion Ratio Lower Upper
95 100
174 69.6 0.0 143.8
176 66.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 117 Resp: 1176051
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 30.9 25.6 38.4





#67

Ethyl Benzene

Concen: 6.804 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

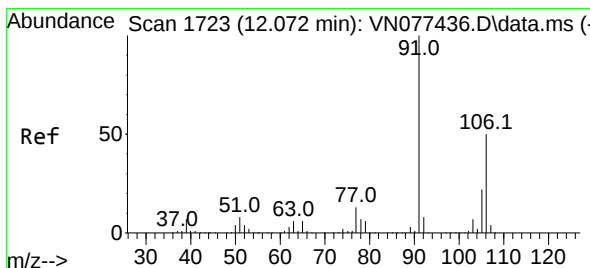
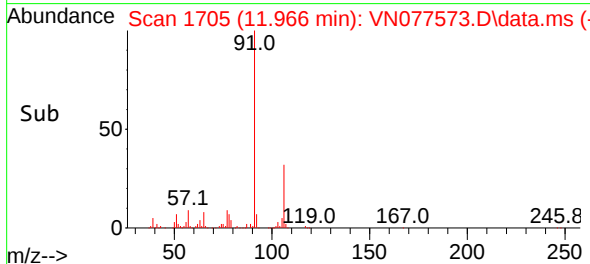
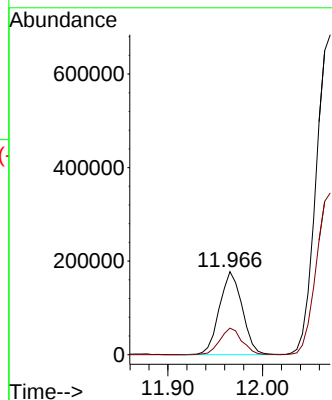
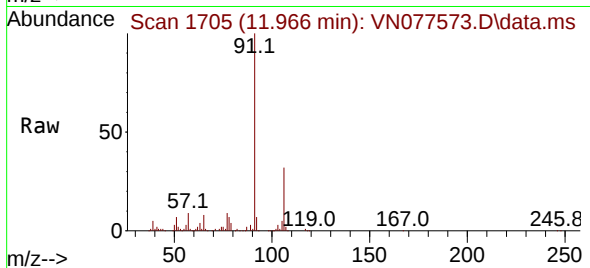
AUD-1993

Tgt Ion: 91 Resp: 298063

Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 38.279 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN077573.D

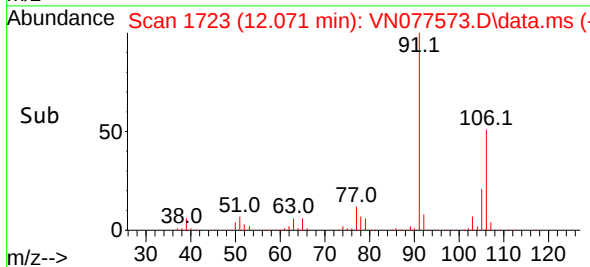
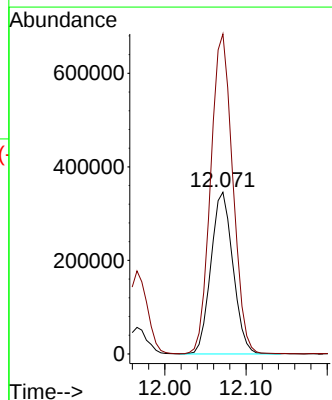
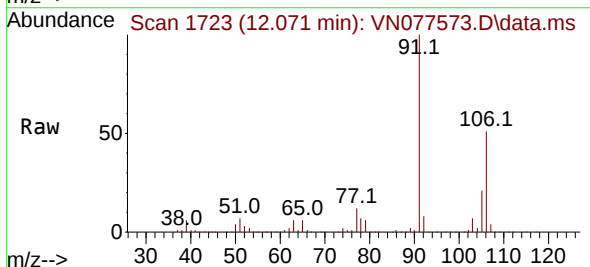
Acq: 03 May 2023 19:23

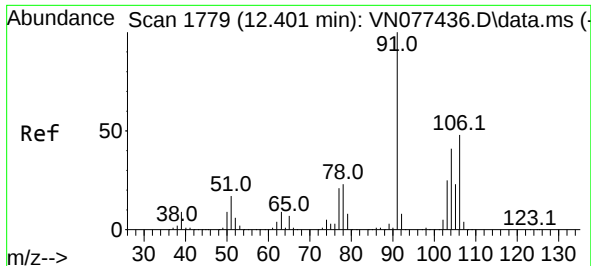
Tgt Ion:106 Resp: 651769

Ion Ratio Lower Upper

106 100

91 198.4 159.6 239.4

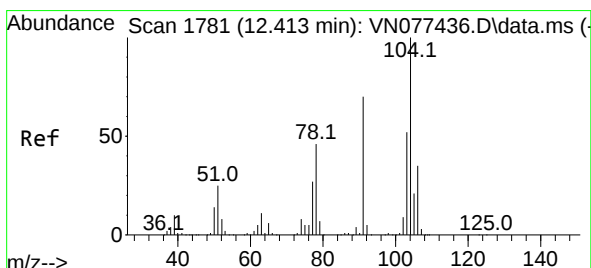
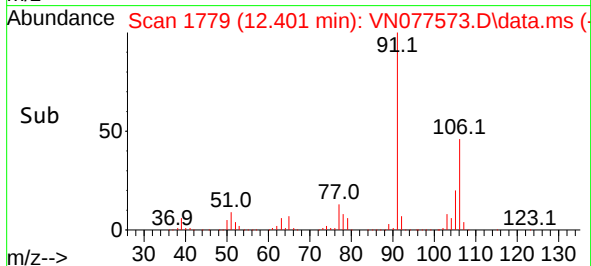
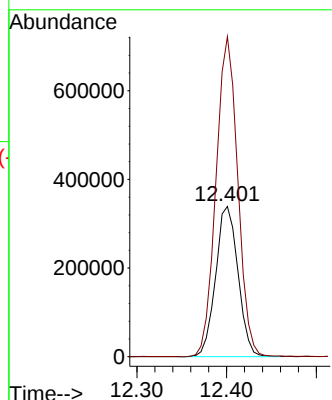
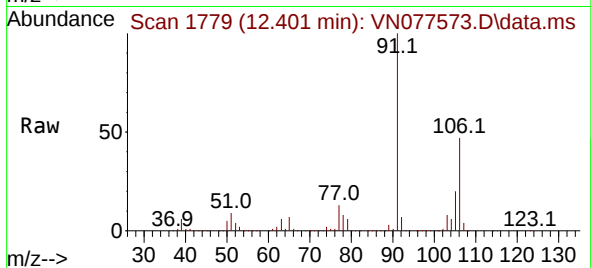




#69
o-Xylene
Concen: 35.018 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

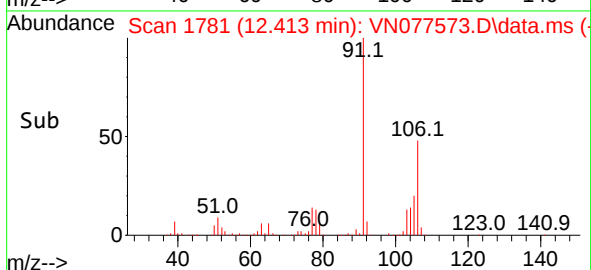
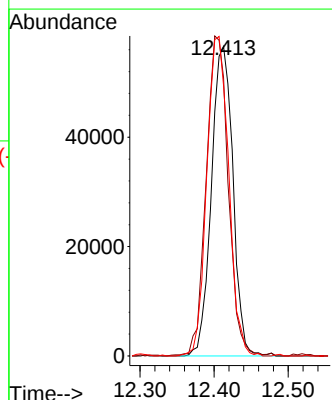
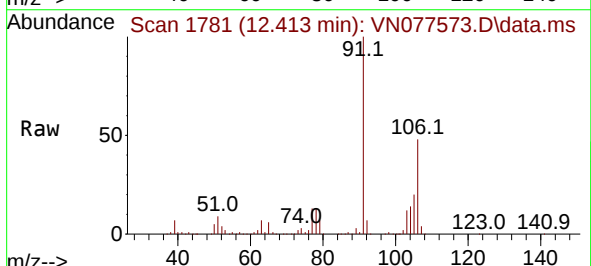
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

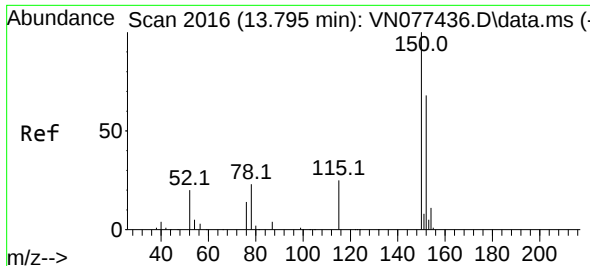
Tgt Ion:106 Resp: 586467
Ion Ratio Lower Upper
106 100
91 207.8 105.2 315.5



#70
Styrene
Concen: 4.362 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion:104 Resp: 114256
Ion Ratio Lower Upper
104 100
78 106.1 39.5 59.3#
103 104.8 43.2 64.8#

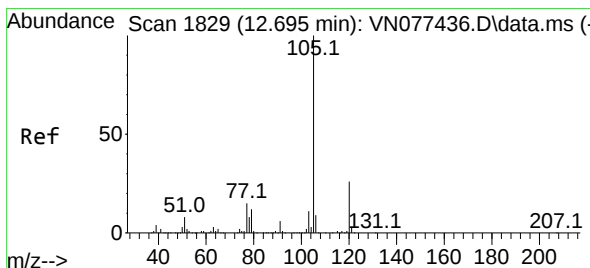
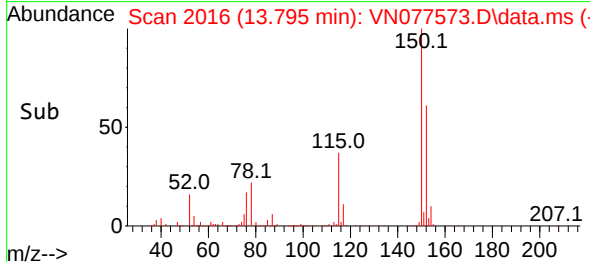
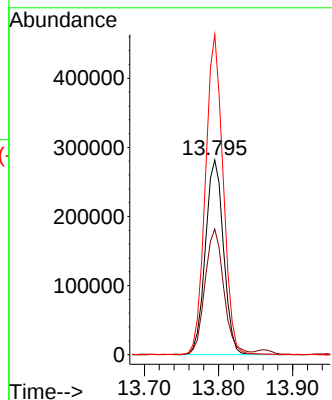
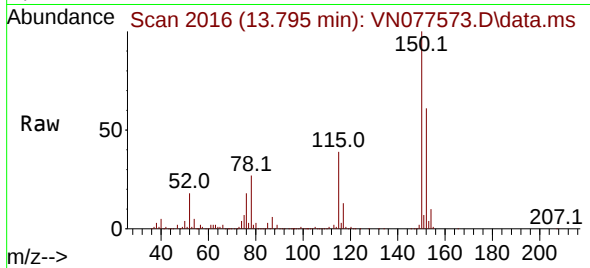




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

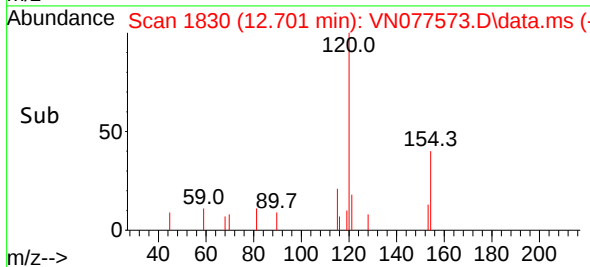
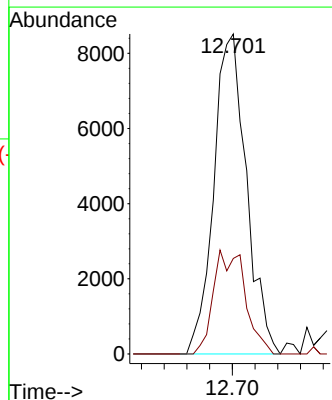
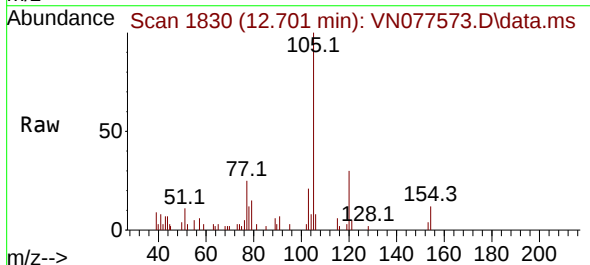
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

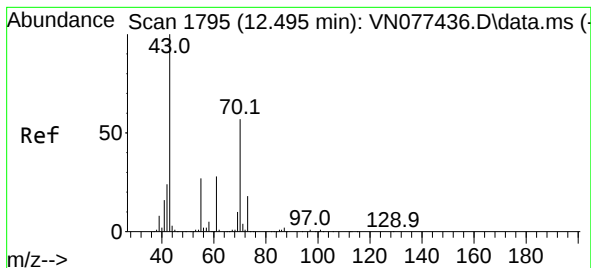
Tgt Ion:152 Resp: 479059
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 160.6 0.0 355.8



#73
Isopropylbenzene
Concen: 0.382 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion:105 Resp: 16976
Ion Ratio Lower Upper
105 100
120 31.5 13.1 39.1





#74

N-amy1 acetate

Concen: 0.719 ug/l

RT: 12.466 min Scan# 1

Delta R.T. -0.030 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

AUD-1993

Tgt Ion: 43 Resp: 9459

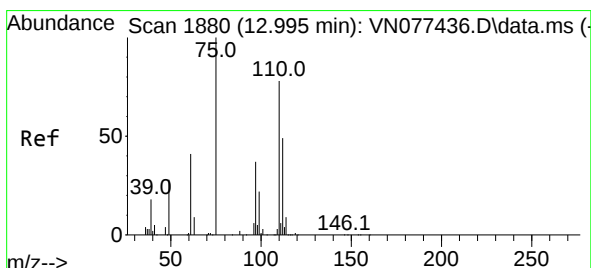
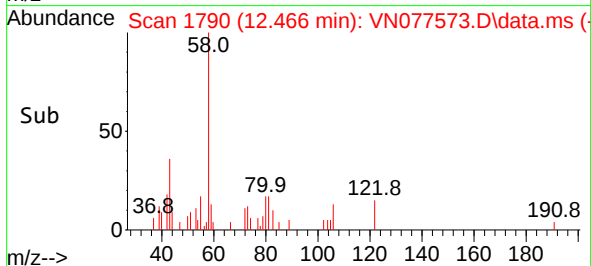
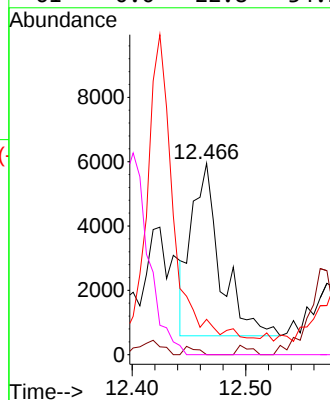
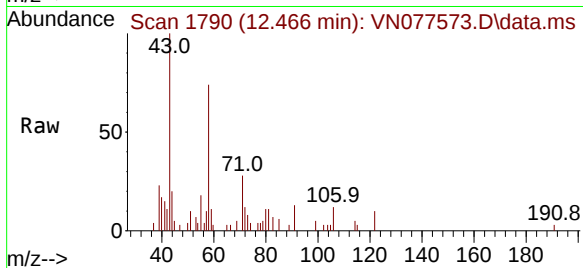
Ion Ratio Lower Upper

43 100

70 2.1 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 25.176 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077573.D

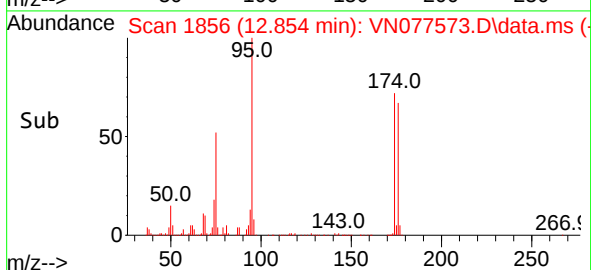
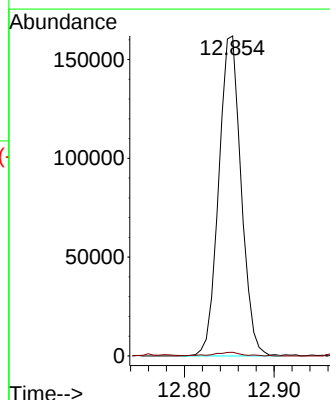
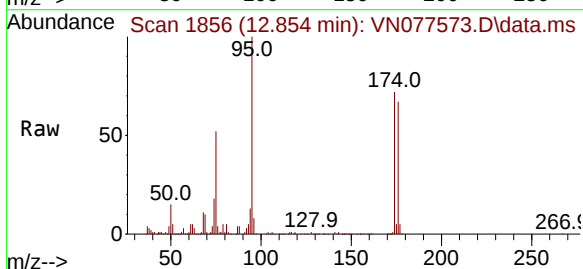
Acq: 03 May 2023 19:23

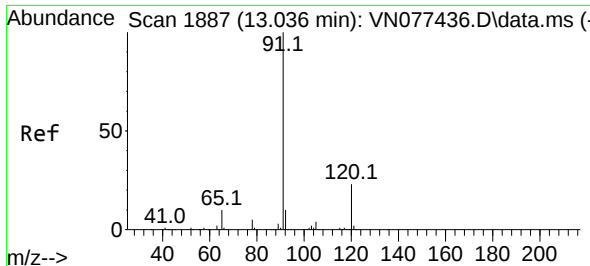
Tgt Ion: 75 Resp: 280460

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#

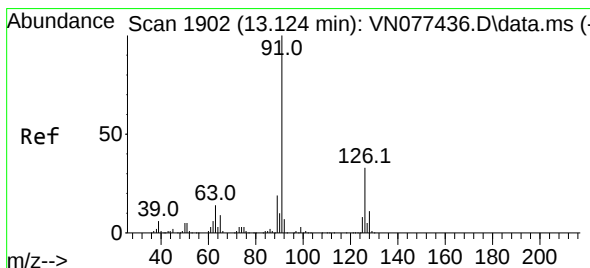
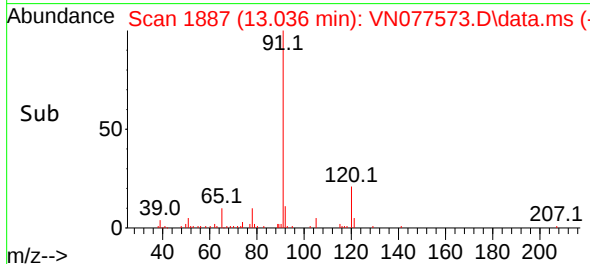
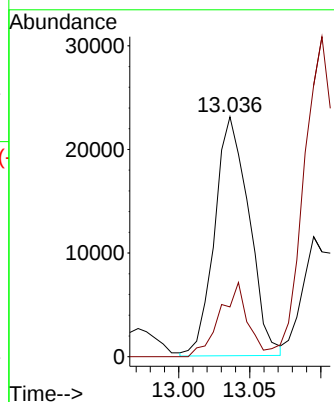
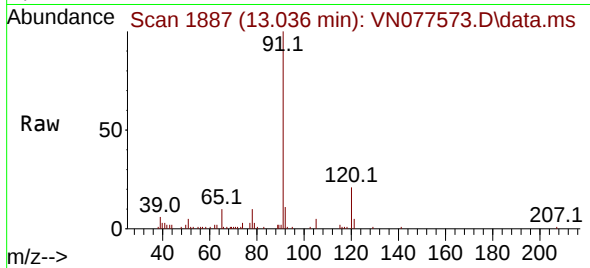




#78
n-propylbenzene
Concen: 0.792 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

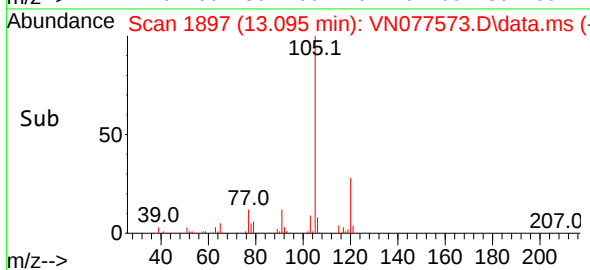
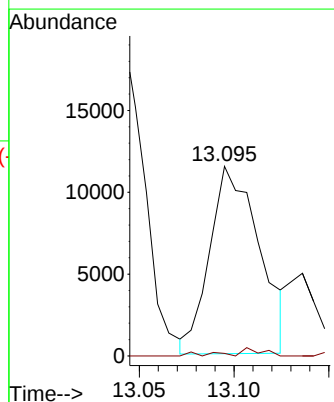
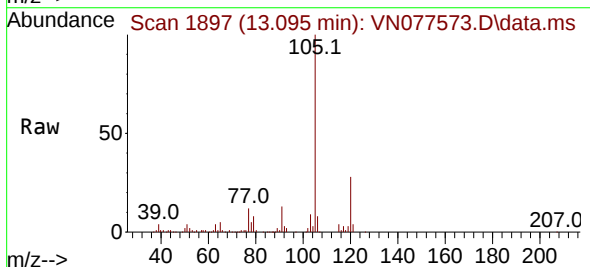
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

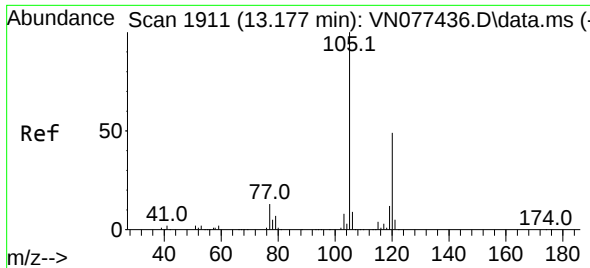
Tgt Ion: 91 Resp: 38932
Ion Ratio Lower Upper
91 100
120 24.8 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.687 ug/l
RT: 13.095 min Scan# 1897
Delta R.T. -0.030 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 91 Resp: 20820
Ion Ratio Lower Upper
91 100
126 1.7 16.3 48.8#

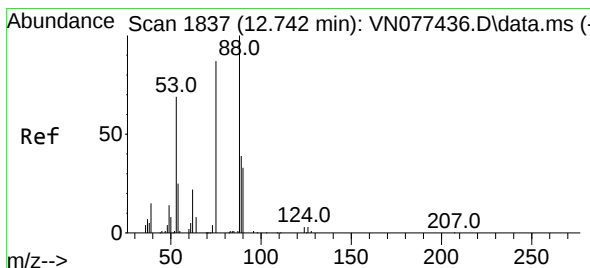
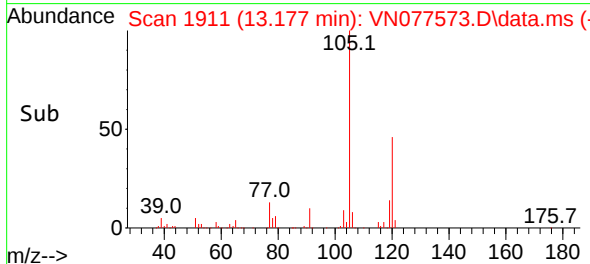
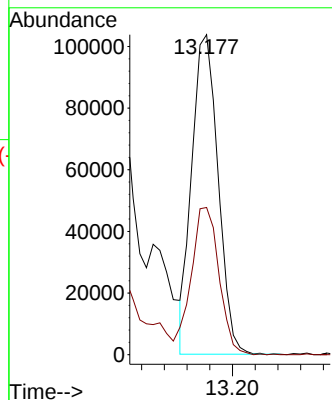
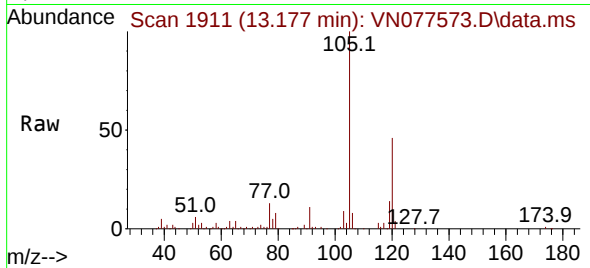




#80
 1,3,5-Trimethylbenzene
 Concen: 5.026 ug/l
 RT: 13.177 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

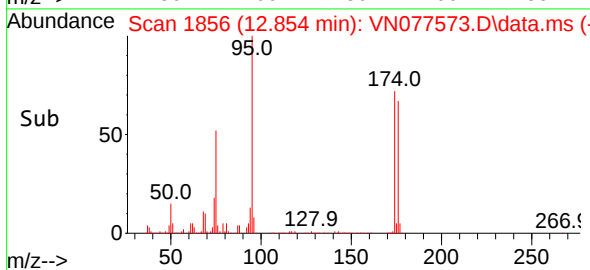
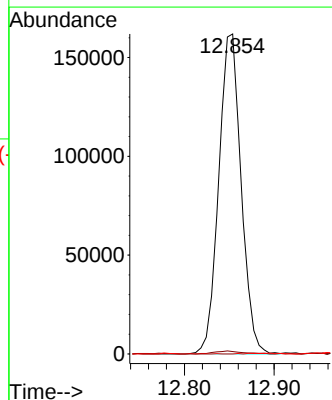
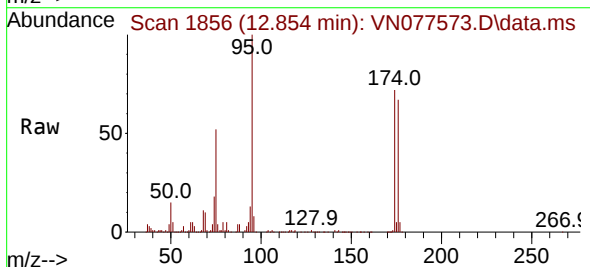
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1993

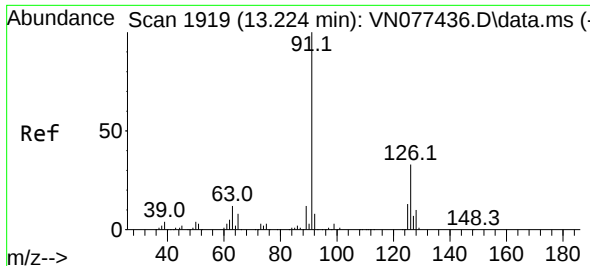
Tgt Ion:105 Resp: 165911
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.126 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. 0.112 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

Tgt Ion: 75 Resp: 280460
 Ion Ratio Lower Upper
 75 100
 53 1.2 67.4 101.2#
 89 0.0 38.8 58.2#

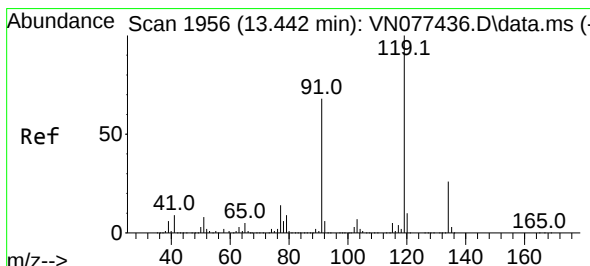
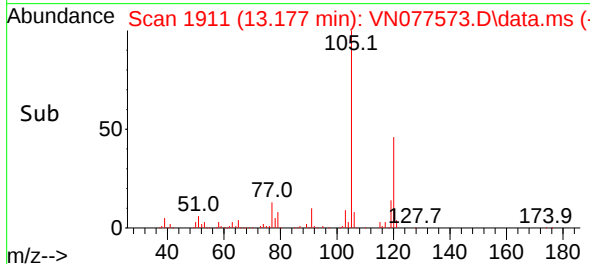
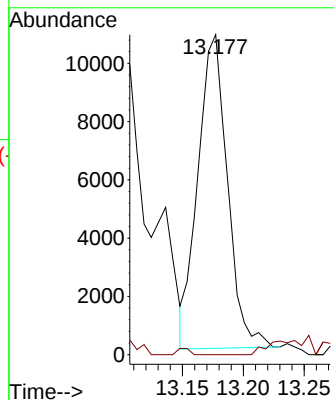
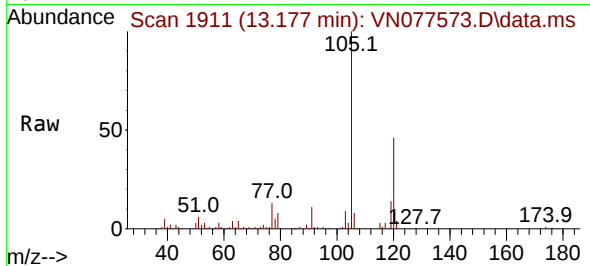




#82
4-Chlorotoluene
Concen: 0.642 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

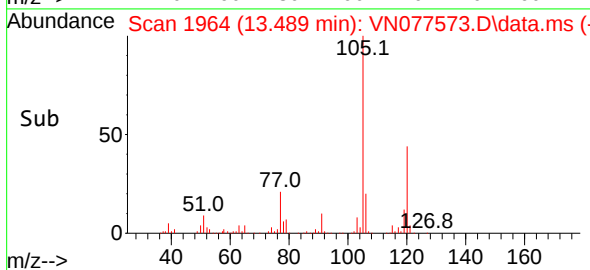
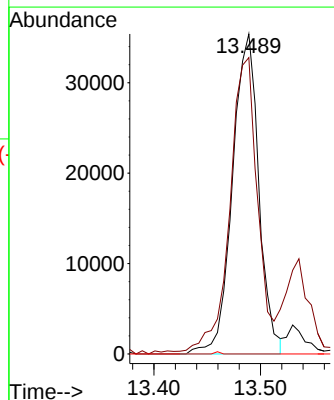
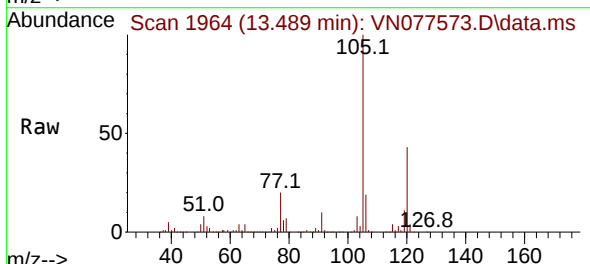
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

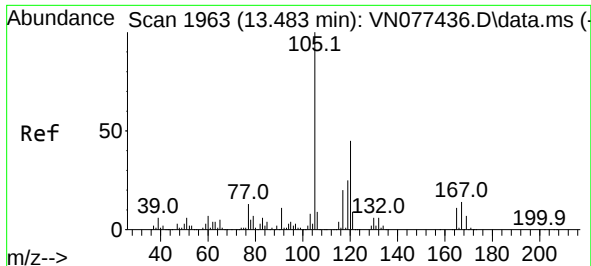
Tgt Ion: 91 Resp: 18190
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 1.897 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.047 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion: 119 Resp: 60832
Ion Ratio Lower Upper
119 100
91 99.0 33.9 101.7
134 0.0 13.2 39.6#

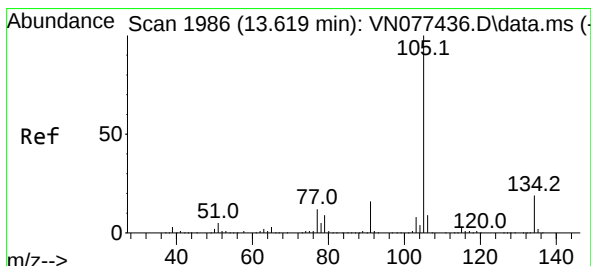
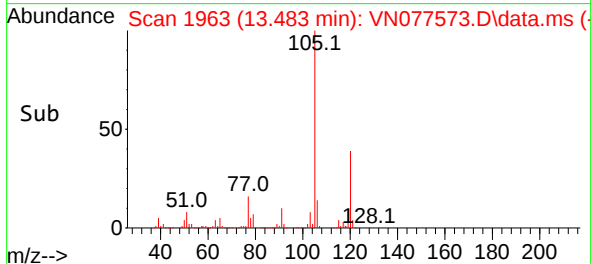
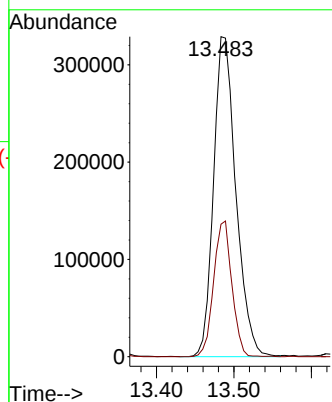
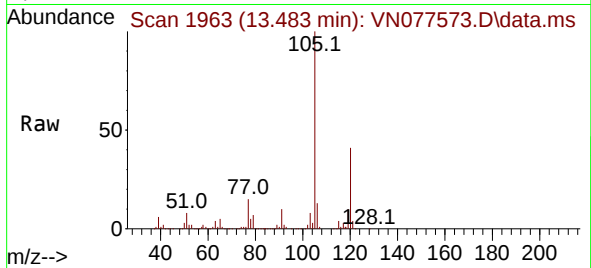




#84
1,2,4-Trimethylbenzene
Concen: 21.391 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

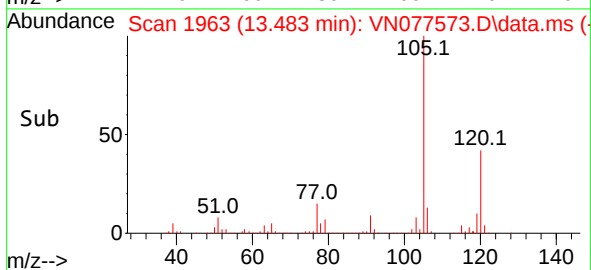
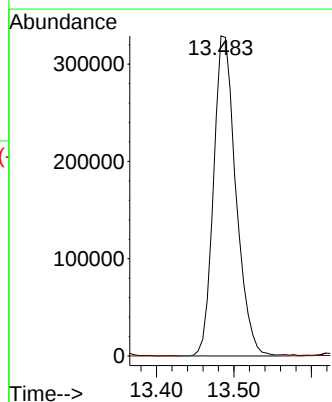
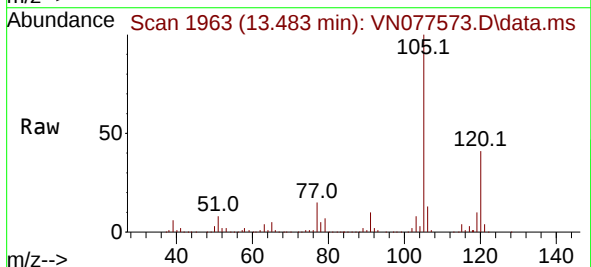
Instrument :
MSVOA_N
ClientSampleId :
AUD-1993

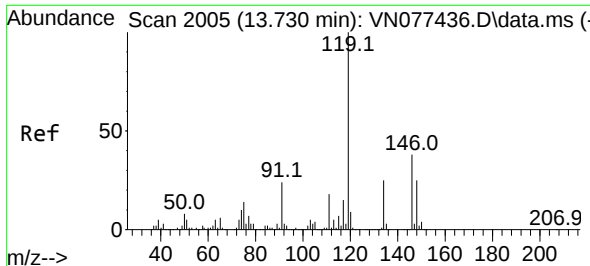
Tgt Ion:105 Resp: 659532
Ion Ratio Lower Upper
105 100
120 34.6 22.0 66.0



#85
sec-Butylbenzene
Concen: 14.987 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.135 min
Lab File: VN077573.D
Acq: 03 May 2023 19:23

Tgt Ion:105 Resp: 659532
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

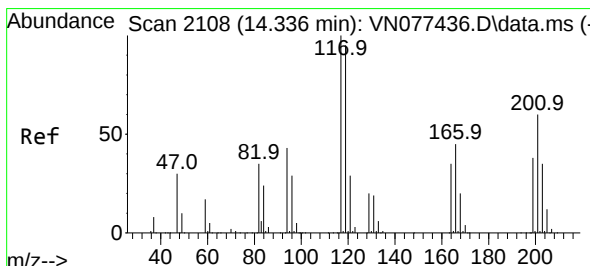
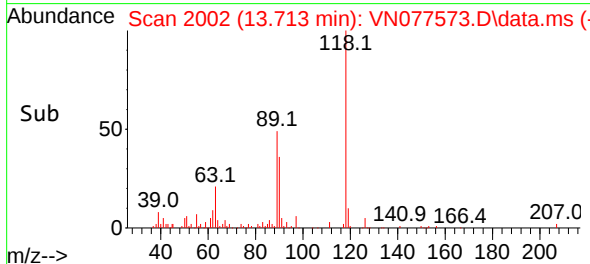
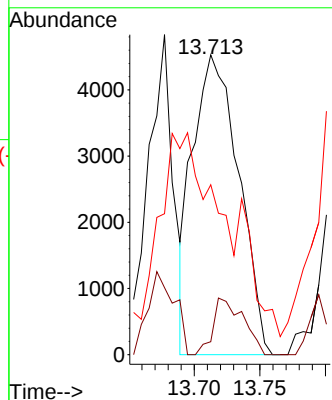
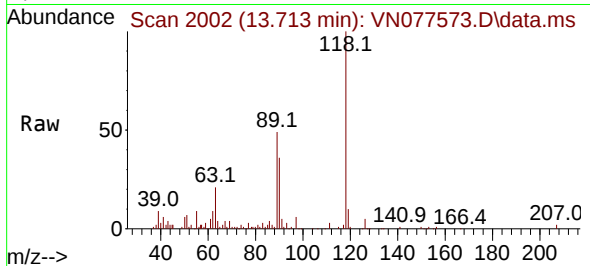




#86
 p-Isopropyltoluene
 Concen: 0.328 ug/l
 RT: 13.713 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

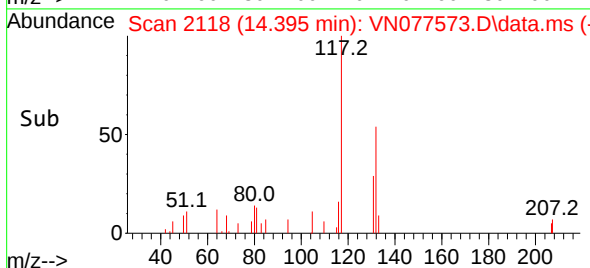
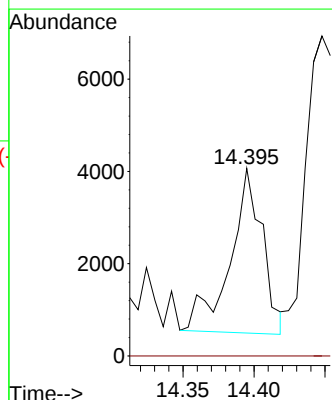
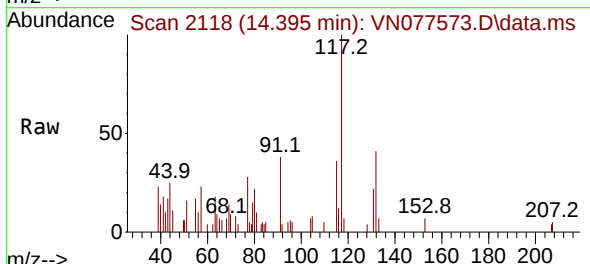
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1993

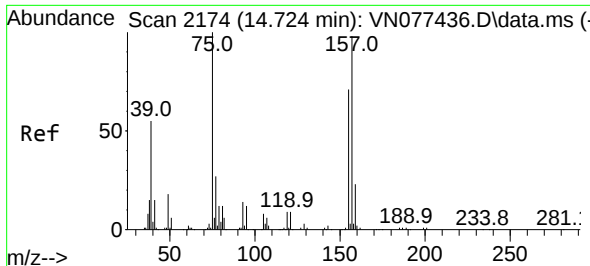
Tgt Ion:119 Resp: 11090
 Ion Ratio Lower Upper
 119 100
 134 12.3 12.6 37.8#
 91 0.0 12.4 37.2#



#90
 Hexachloroethane
 Concen: 0.753 ug/l
 RT: 14.395 min Scan# 2118
 Delta R.T. 0.059 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

Tgt Ion:117 Resp: 5633
 Ion Ratio Lower Upper
 117 100
 201 0.0 29.3 88.0#

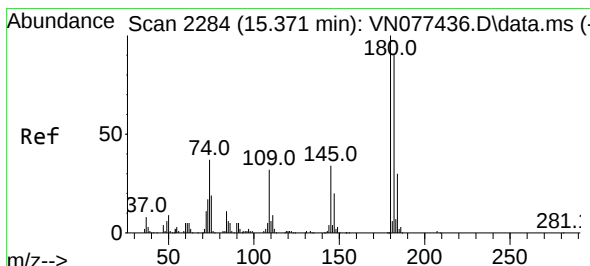
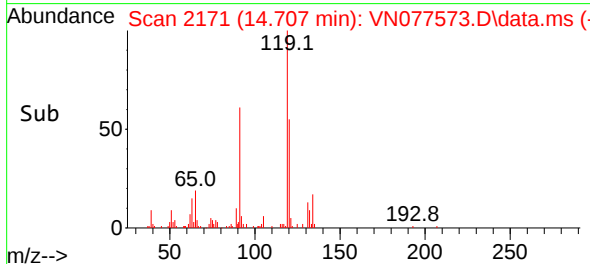
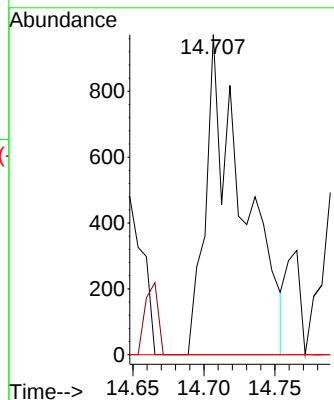
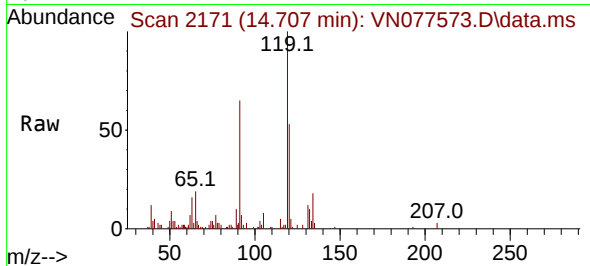




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.684 ug/l
 RT: 14.707 min Scan# 2171
 Delta R.T. -0.017 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

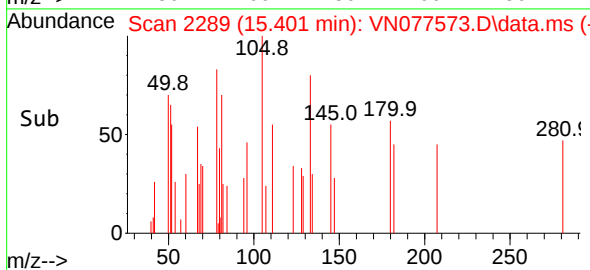
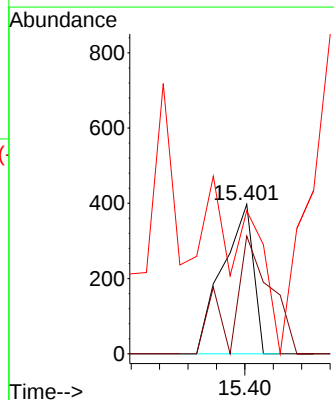
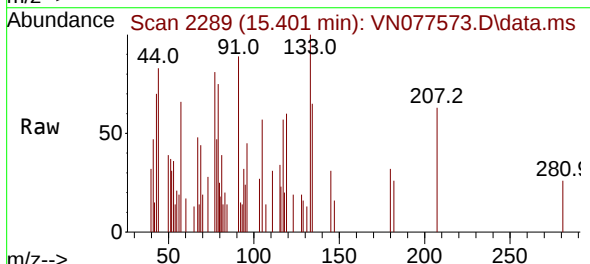
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1993

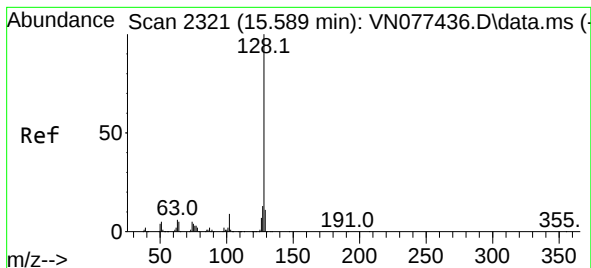
Tgt Ion: 75 Resp: 1768
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.884 ug/l
 RT: 15.401 min Scan# 2289
 Delta R.T. 0.030 min
 Lab File: VN077573.D
 Acq: 03 May 2023 19:23

Tgt Ion: 180 Resp: 300
 Ion Ratio Lower Upper
 180 100
 182 98.3 46.1 138.2
 145 158.7 16.6 49.8#





#95

Naphthalene

Concen: 192.030 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.053 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Instrument :

MSVOA_N

ClientSampleId :

AUD-1993

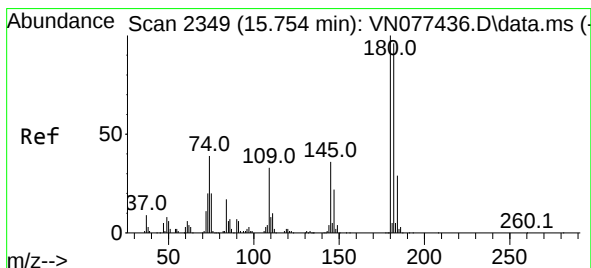
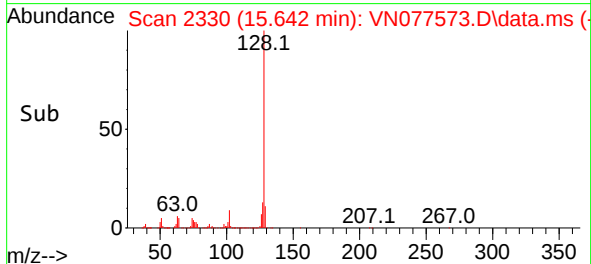
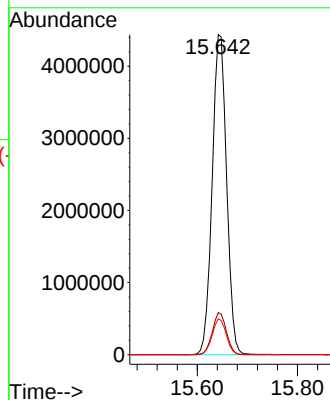
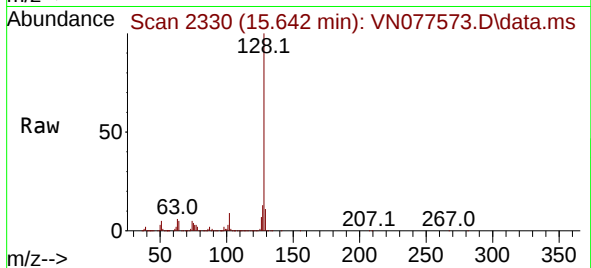
Tgt Ion:128 Resp: 8834807

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.542 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.088 min

Lab File: VN077573.D

Acq: 03 May 2023 19:23

Tgt Ion:180 Resp: 220

Ion Ratio Lower Upper

180 100

182 34.1 46.2 138.6#

145 123.6 17.5 52.6#

