

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077567.D
 Acq On : 03 May 2023 16:57
 Operator : JC\MD
 Sample : 02566-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1987

Quant Time: May 04 04:50:17 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	670843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1285649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1185594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	502371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	430123	49.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.172	113	386082	49.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	10.566	98	1572968	53.113	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.848	95	537732	55.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	171	0.329	ug/l #	43
6) Chloroethane	3.096	64	2816	0.414	ug/l #	47
8) Diethyl Ether	3.960	74	1595	0.333	ug/l	94
11) Tert butyl alcohol	5.519	59	5454	3.881	ug/l #	93
13) Acrolein	4.196	56	2362	1.690	ug/l #	27
16) Acetone	4.437	43	206874	74.284	ug/l	89
18) Methyl Acetate	5.037	43	16099	1.497	ug/l #	81
20) Methylene Chloride	5.290	84	80376	9.101	ug/l #	86
25) 2-Butanone	7.495	43	23646	5.986	ug/l	97
29) Tetrahydrofuran	7.848	42	1227	0.496	ug/l #	41
31) Cyclohexane	8.225	56	8365	0.675	ug/l #	32
36) 1,1-Dichloropropene	8.225	75	57579	5.158	ug/l #	48
37) Ethyl Acetate	7.566	43	97036	11.439	ug/l	97
38) Carbon Tetrachloride	8.231	117	73196	5.943	ug/l #	15
39) Methylcyclohexane	9.613	83	3211	0.218	ug/l #	58
40) Benzene	8.613	78	3263051	95.947	ug/l	99
42) 1,2-Dichloroethane	8.607	62	24795	2.123	ug/l	83
43) Isopropyl Acetate	8.695	43	513194	34.969	ug/l #	85
48) Methyl methacrylate	9.660	41	17566	2.630	ug/l #	29
49) 1,4-Dioxane	9.689	88	126	0.752	ug/l #	30
51) 4-Methyl-2-Pentanone	10.442	43	55689	6.469	ug/l	87
52) Toluene	10.630	92	2078049	93.272	ug/l	100
53) t-1,3-Dichloropropene	10.725	75	4254	0.336	ug/l #	59
54) cis-1,3-Dichloropropene	10.360	75	195885	14.214	ug/l #	61
55) 1,1,2-Trichloroethane	10.883	97	13921	1.554	ug/l #	19
57) 1,3-Dichloropropane	11.201	76	23615	1.655	ug/l #	44
59) 2-Hexanone	11.172	43	311527	49.788	ug/l #	19
67) Ethyl Benzene	11.966	91	322227	7.296	ug/l	98
68) m/p-Xylenes	12.072	106	690138	40.207	ug/l	97
69) o-Xylene	12.401	106	660087	39.097	ug/l	100
70) Styrene	12.413	104	129159	4.892	ug/l #	21
73) Isopropylbenzene	12.701	105	19116	0.410	ug/l	95
74) N-amyl acetate	12.460	43	7943	0.576	ug/l #	36
76) 1,2,3-Trichloropropane	12.854	75	281279	24.078	ug/l #	1
78) n-propylbenzene	13.036	91	41562	0.806	ug/l	99
79) 2-Chlorotoluene	13.336	91	21316	0.671	ug/l	89

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

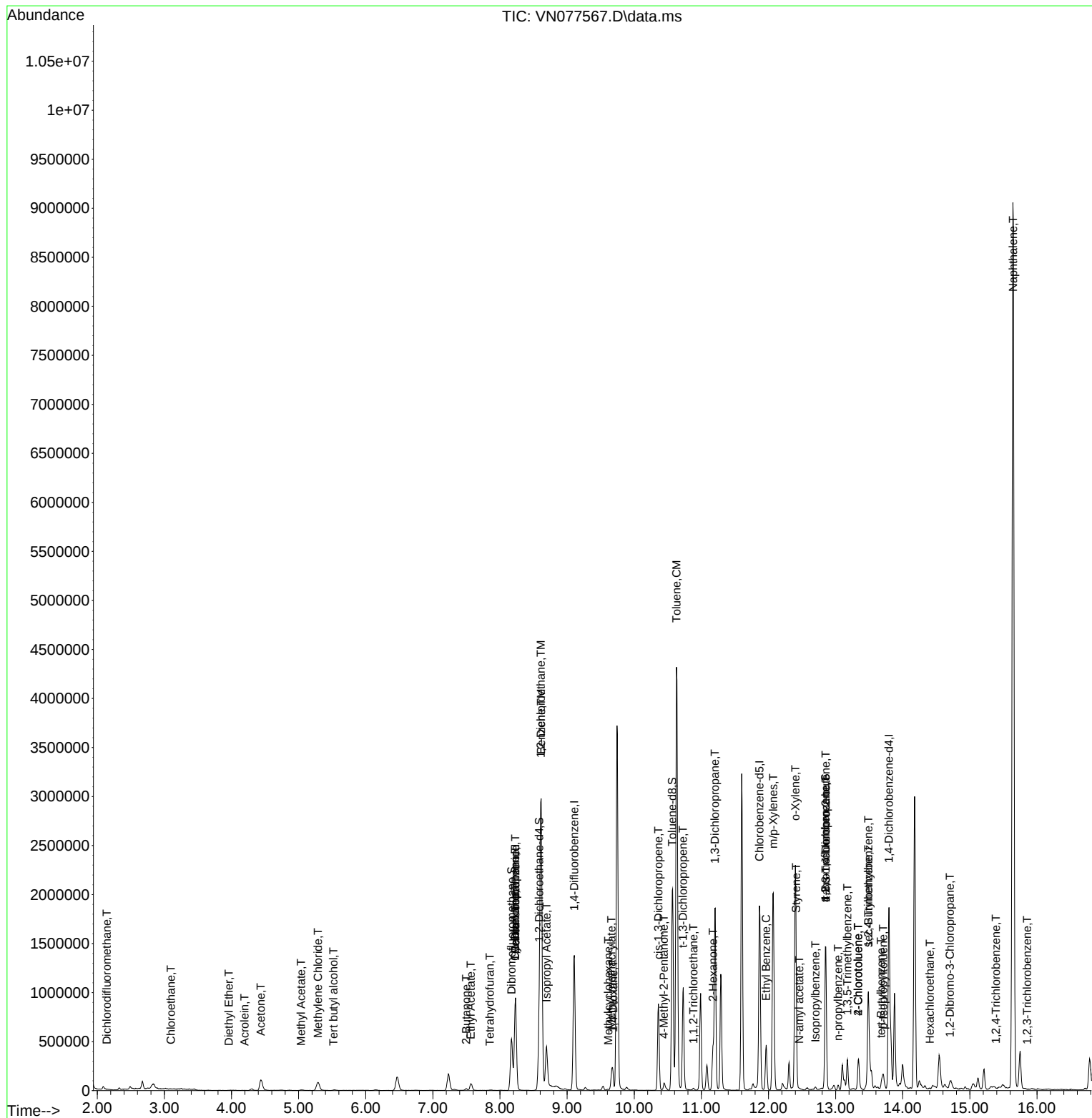
80) 1,3,5-Trimethylbenzene	13.177	105	177281	5.121	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.854	75	281279	68.024	ug/l #	16
82) 4-Chlorotoluene	13.336	91	21699	0.731	ug/l	87
83) tert-Butylbenzene	13.677	119	7094	0.211	ug/l	96
84) 1,2,4-Trimethylbenzene	13.489	105	670562	20.740	ug/l	90
85) sec-Butylbenzene	13.489	105	670562	14.531	ug/l #	57
86) p-Isopropyltoluene	13.707	119	11094	0.312	ug/l #	50
90) Hexachloroethane	14.407	117	7294	0.930	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.701	75	1074	0.397	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.389	180	123	0.831	ug/l #	1
95) Naphthalene	15.642	128	9031087	189.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.854	180	541	0.636	ug/l #	44

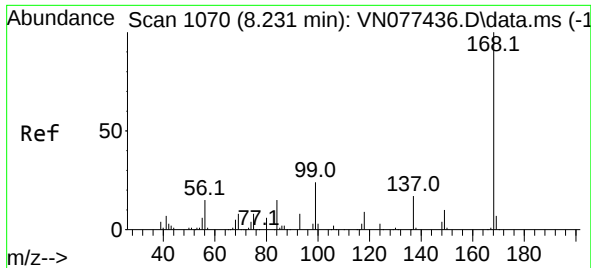
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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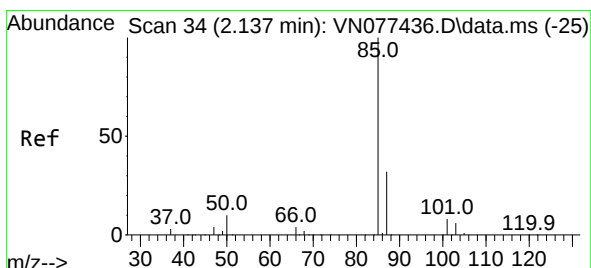
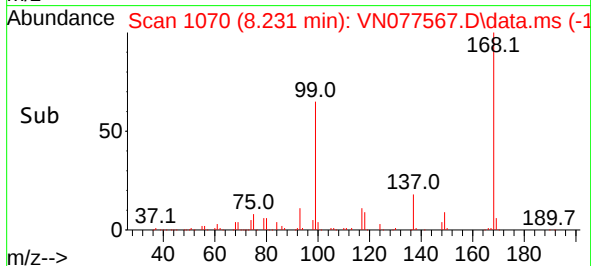
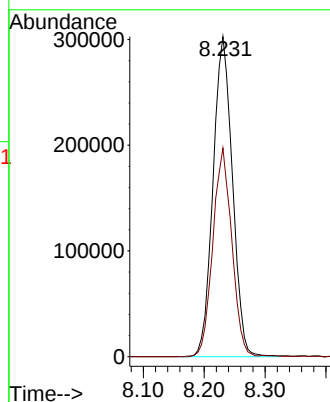
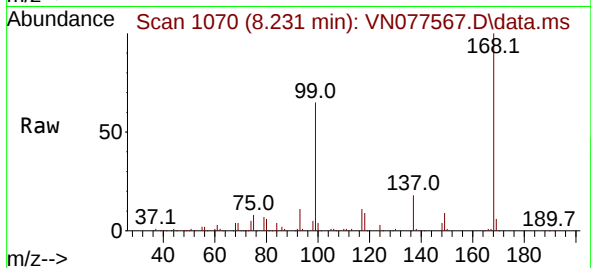




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

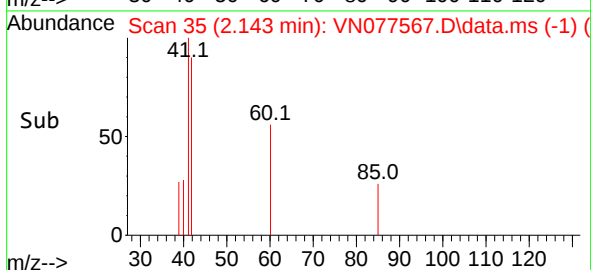
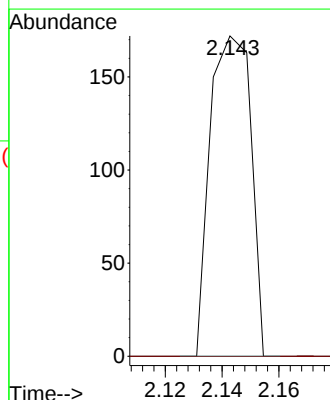
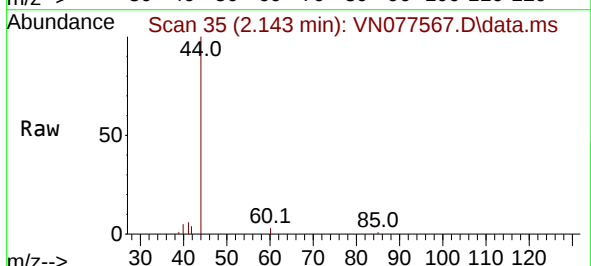
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

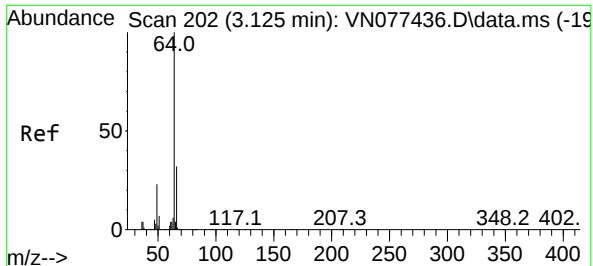
Tgt Ion:168 Resp: 670843
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.329 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 85 Resp: 171
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

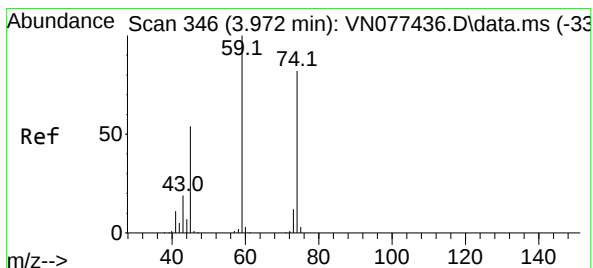
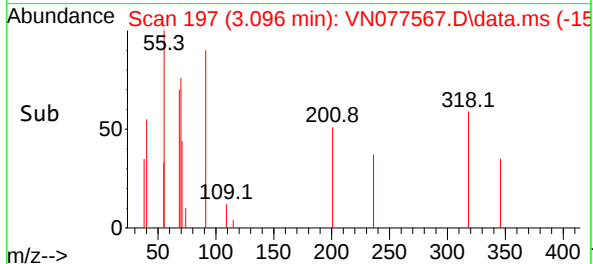
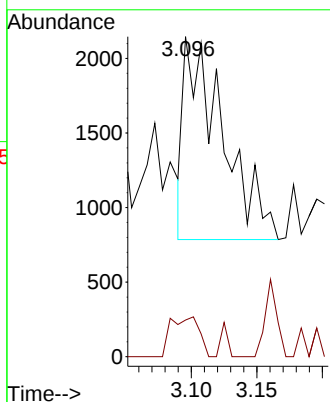
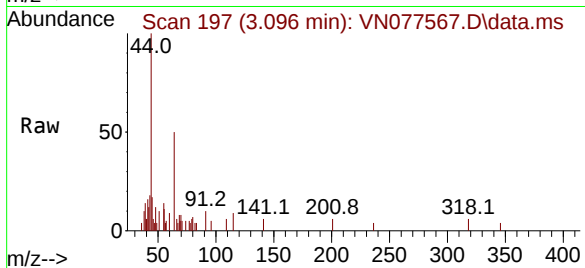




#6
Chloroethane
Concen: 0.414 ug/l
RT: 3.096 min Scan# 197
Delta R.T. -0.029 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

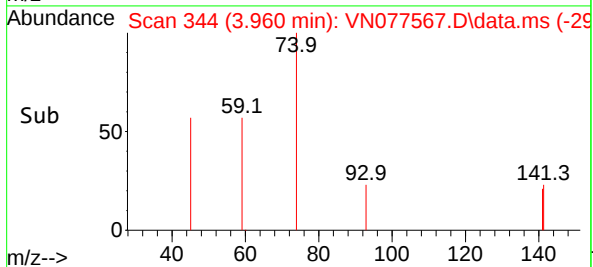
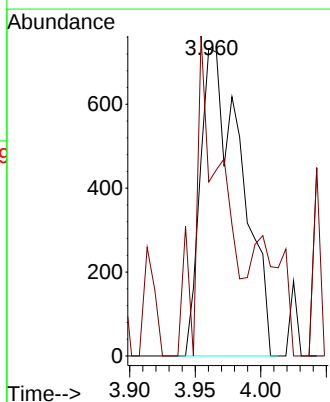
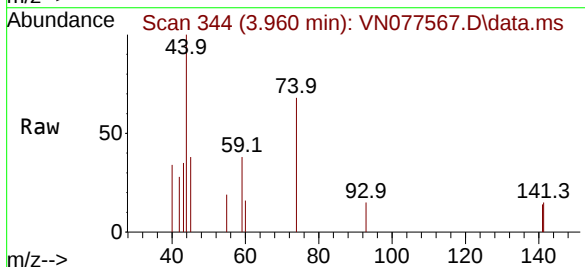
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

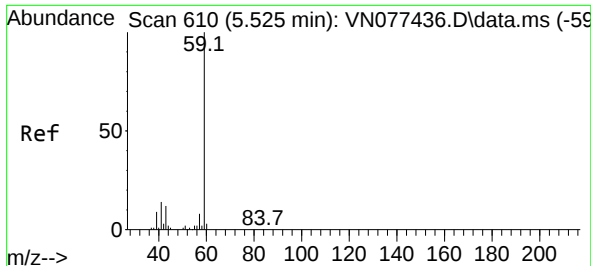
Tgt Ion: 64 Resp: 2816
Ion Ratio Lower Upper
64 100
66 2.2 25.4 38.2#



#8
Diethyl Ether
Concen: 0.333 ug/l
RT: 3.960 min Scan# 344
Delta R.T. -0.012 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 74 Resp: 1595
Ion Ratio Lower Upper
74 100
45 64.1 34.4 103.3

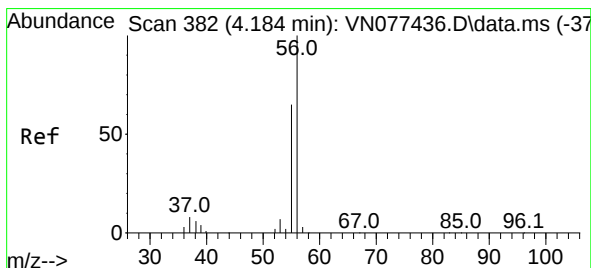
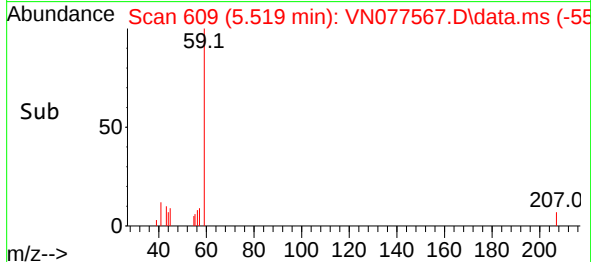
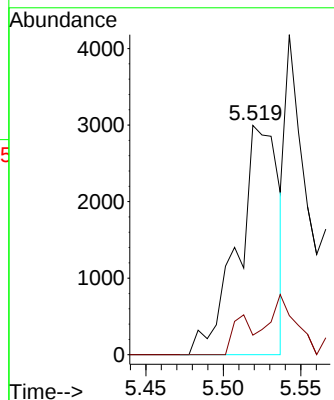
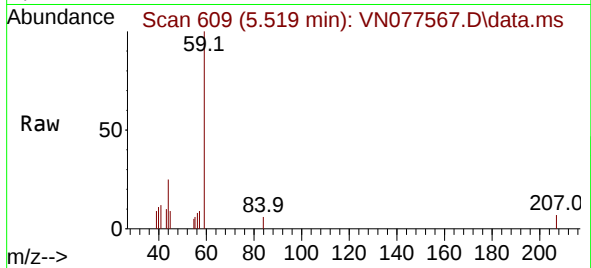




#11
Tert butyl alcohol
Concen: 3.881 ug/l
RT: 5.519 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

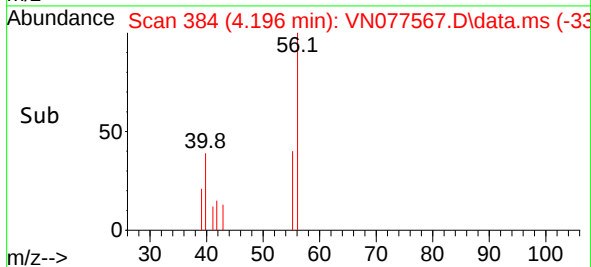
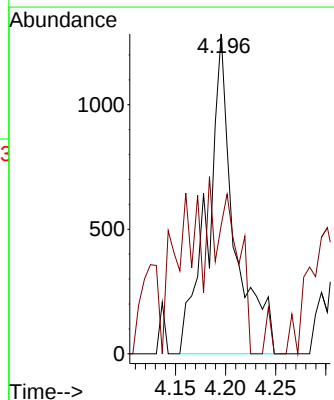
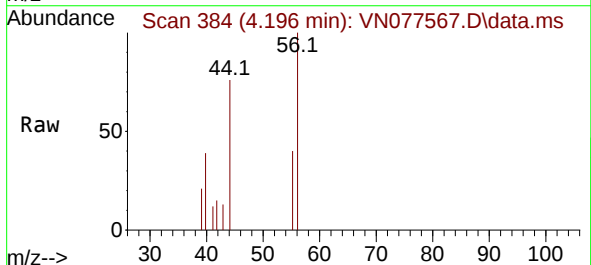
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

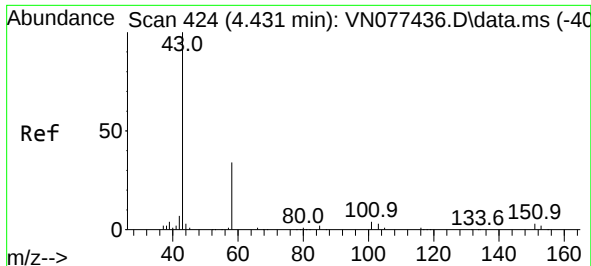
Tgt Ion: 59 Resp: 5454
Ion Ratio Lower Upper
59 100
57 7.8 8.2 12.4#



#13
Acrolein
Concen: 1.690 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 56 Resp: 2362
Ion Ratio Lower Upper
56 100
55 8.8 54.5 81.7#

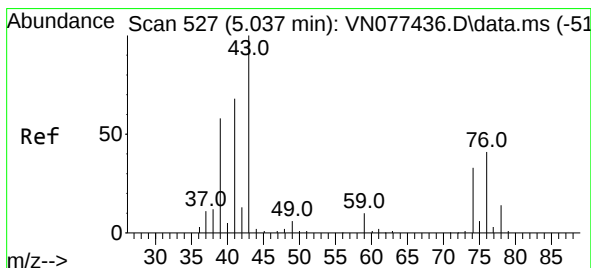
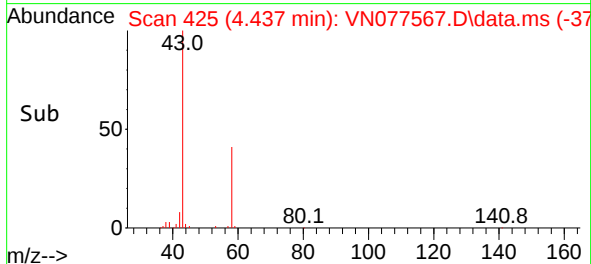
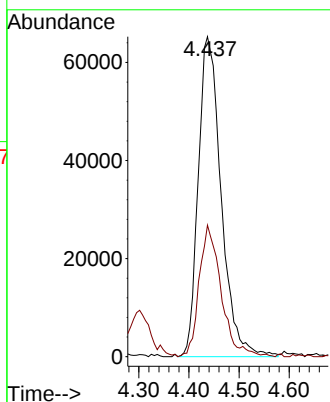
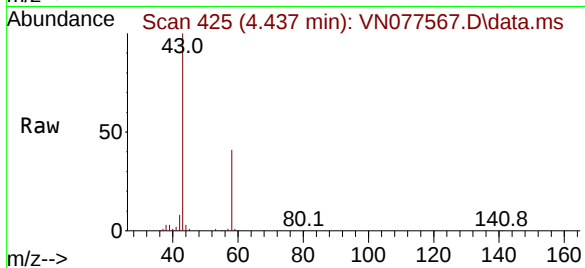




#16
Acetone
Concen: 74.284 ug/l
RT: 4.437 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

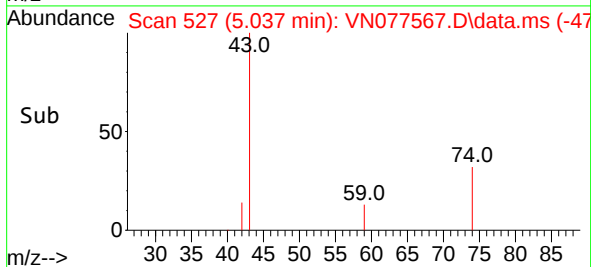
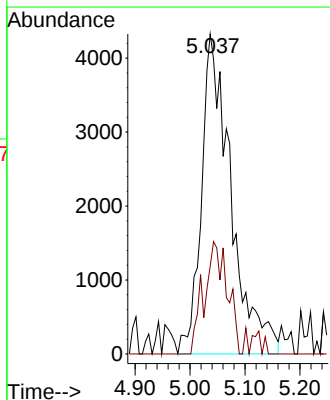
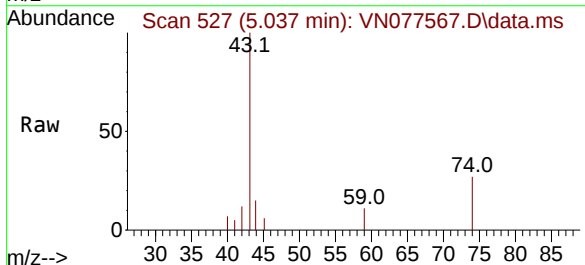
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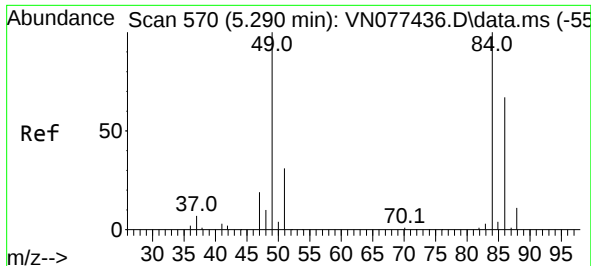
Tgt Ion: 43 Resp: 206874
Ion Ratio Lower Upper
43 100
58 41.1 28.0 42.0



#18
Methyl Acetate
Concen: 1.497 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 43 Resp: 16099
Ion Ratio Lower Upper
43 100
74 22.3 26.2 39.4#

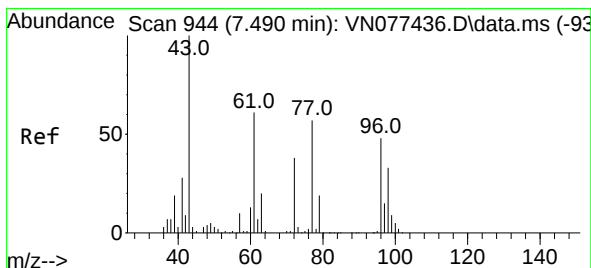
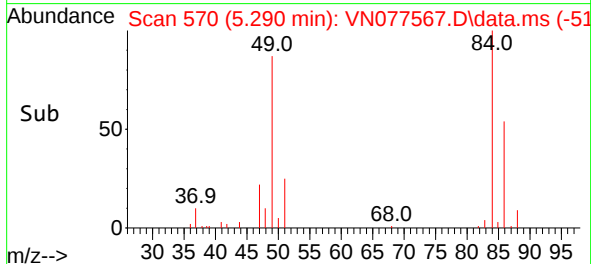
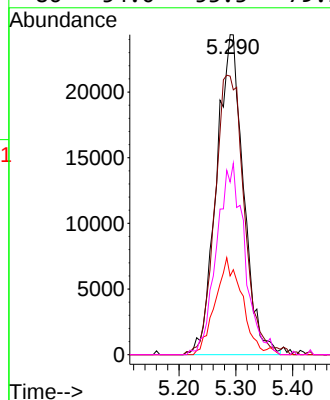
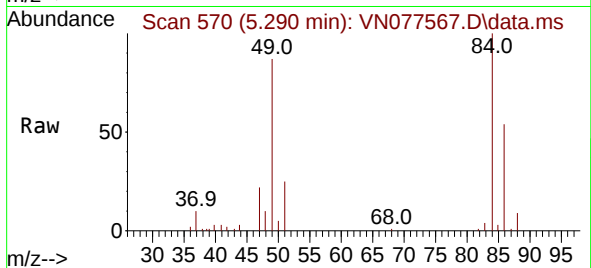




#20
Methylene Chloride
Concen: 9.101 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

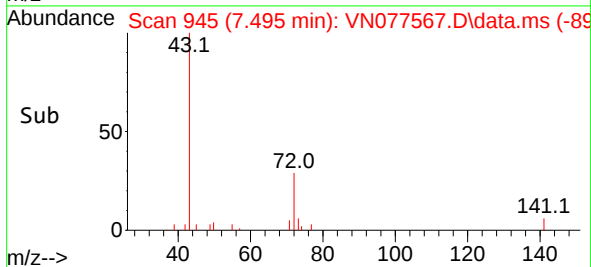
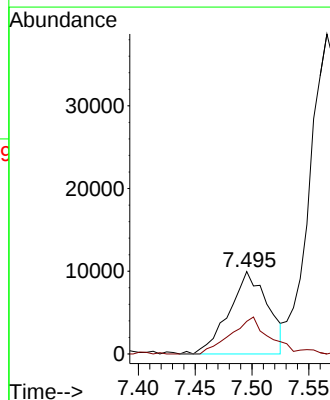
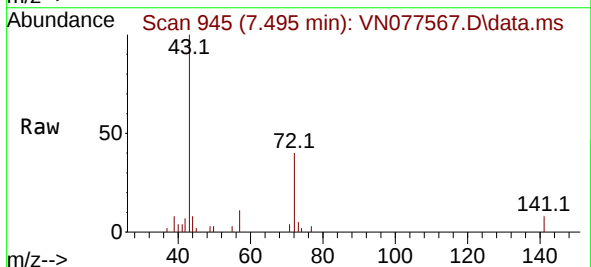
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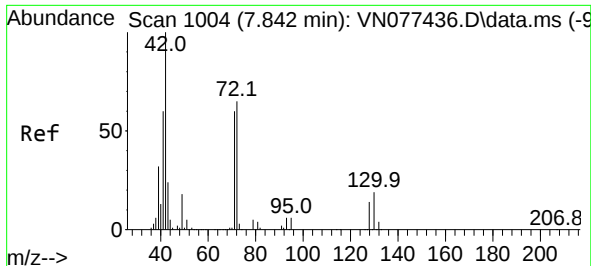
Tgt Ion:	84	Resp:	80376
Ion	Ratio	Lower	Upper
84	100		
49	87.1	79.7	119.5
51	24.6	25.2	37.8#
86	54.0	53.3	79.9



#25
2-Butanone
Concen: 5.986 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion:	43	Resp:	23646
Ion	Ratio	Lower	Upper
43	100		
72	39.5	30.2	45.2





#29

Tetrahydrofuran

Concen: 0.496 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

AUD-1987

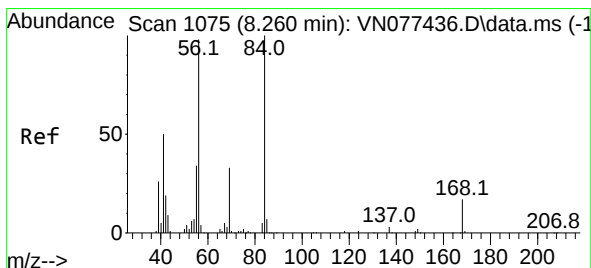
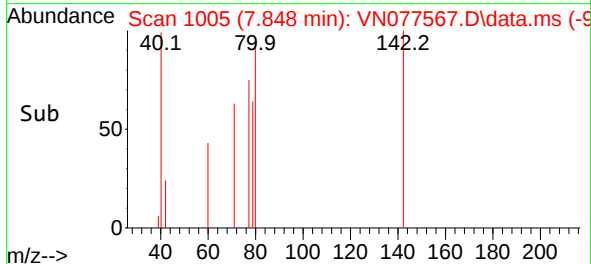
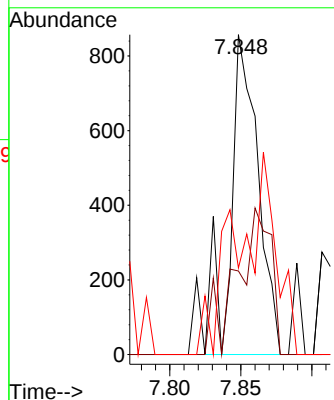
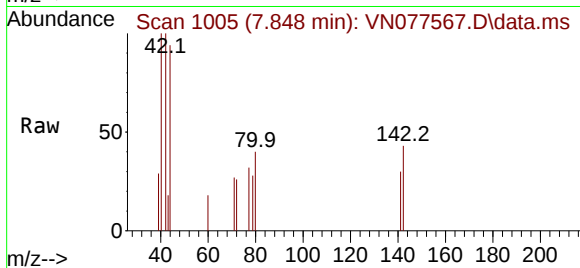
Tgt Ion: 42 Resp: 1227

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 31.9 47.4 71.2#



#31

Cyclohexane

Concen: 0.675 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.035 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

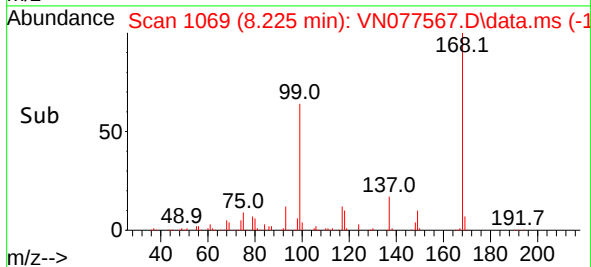
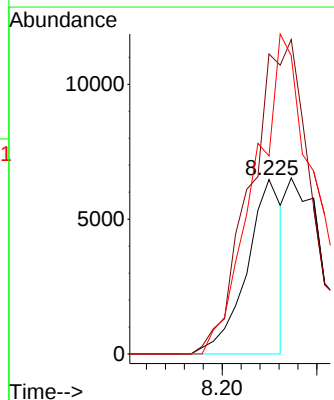
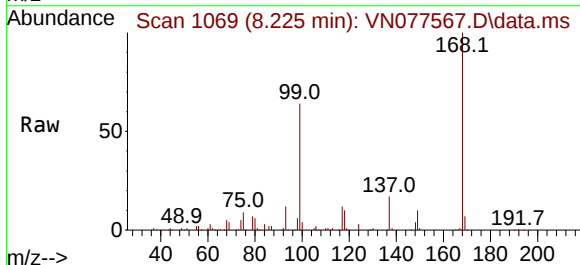
Tgt Ion: 56 Resp: 8365

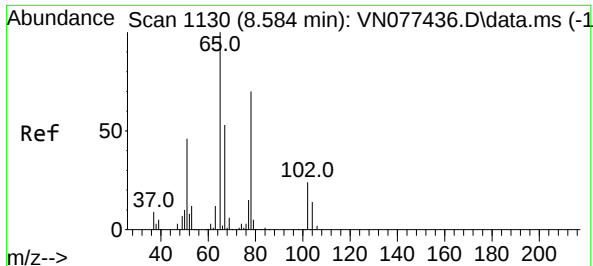
Ion Ratio Lower Upper

56 100

69 172.0 26.8 40.2#

84 113.5 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 49.136 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

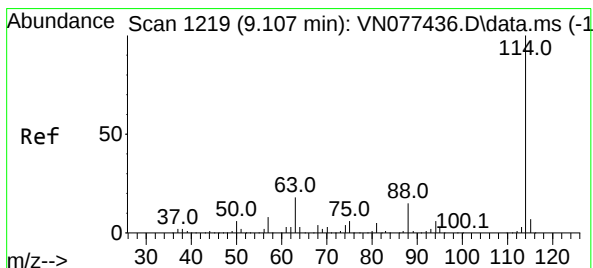
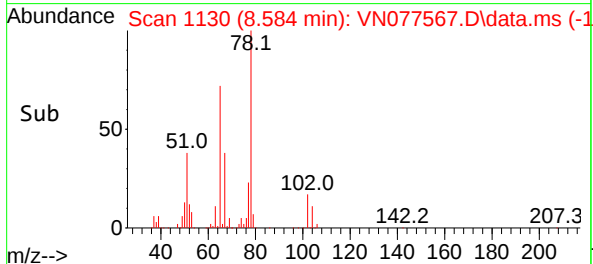
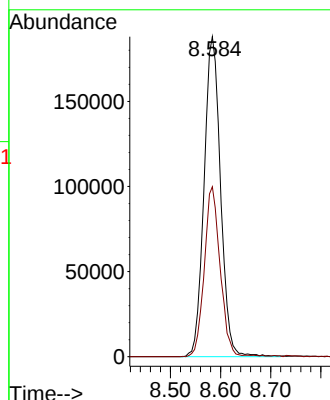
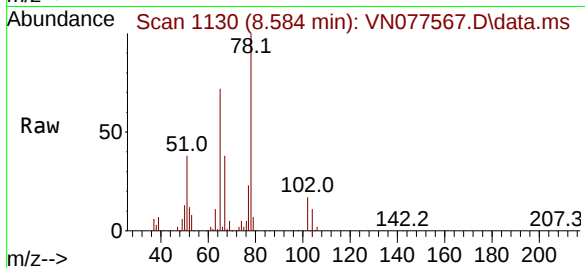
AUD-1987

Tgt Ion: 65 Resp: 430123

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

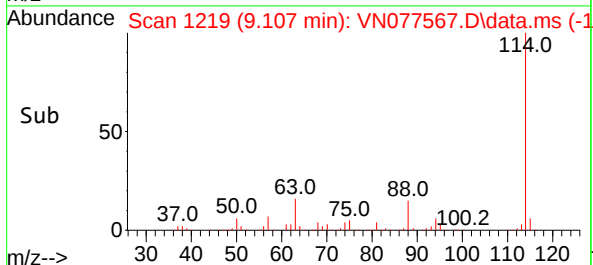
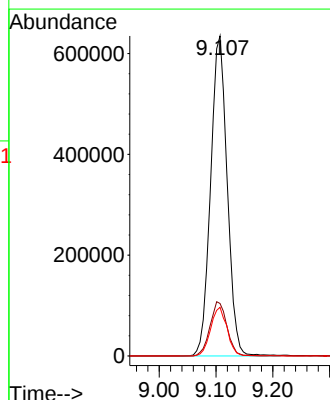
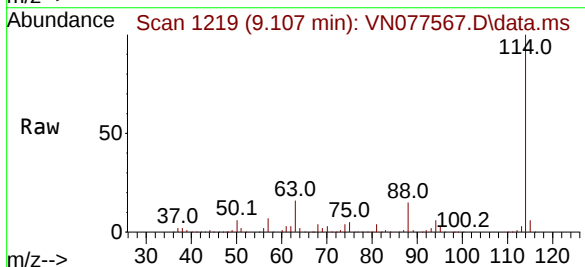
Tgt Ion: 114 Resp: 1285649

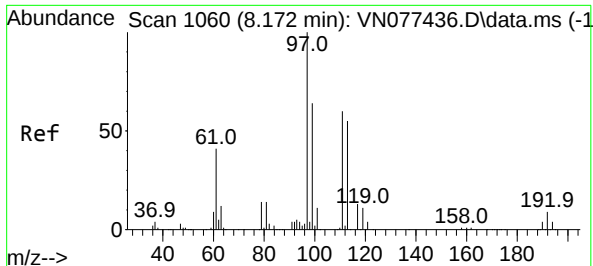
Ion Ratio Lower Upper

114 100

63 16.4 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.963 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

AUD-1987

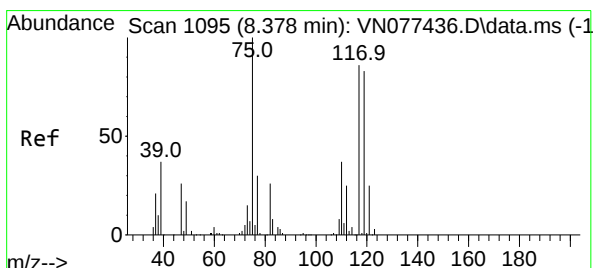
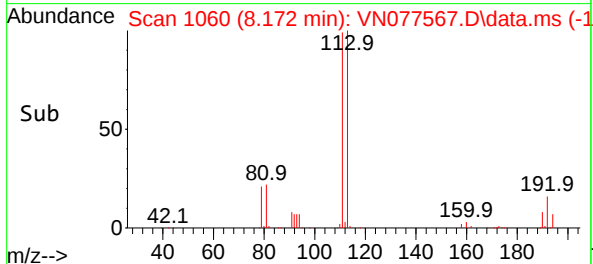
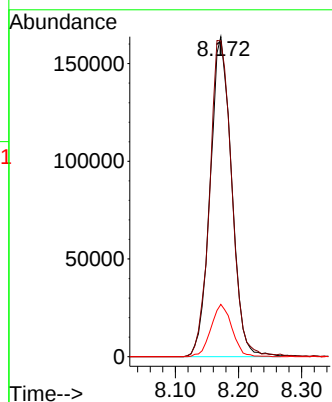
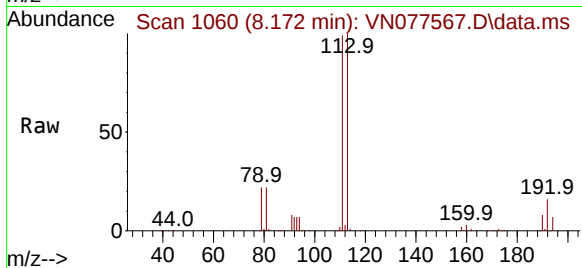
Tgt Ion:113 Resp: 386082

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.158 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.153 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

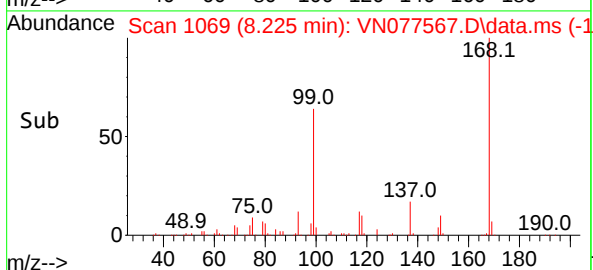
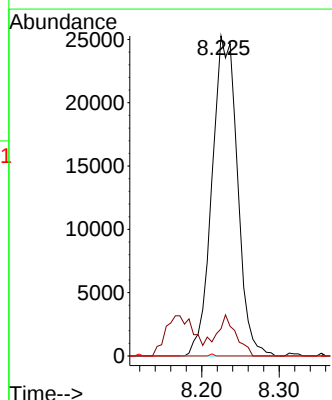
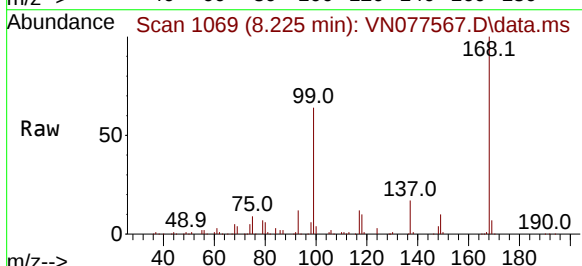
Tgt Ion: 75 Resp: 57579

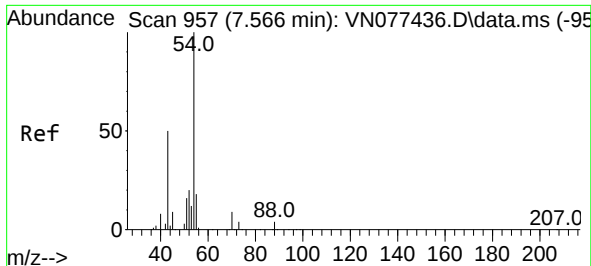
Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 11.439 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077567.D

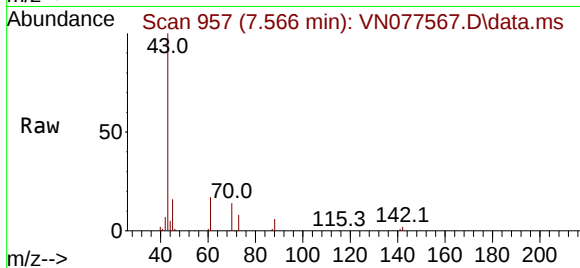
Acq: 03 May 2023 16:57

Instrument :

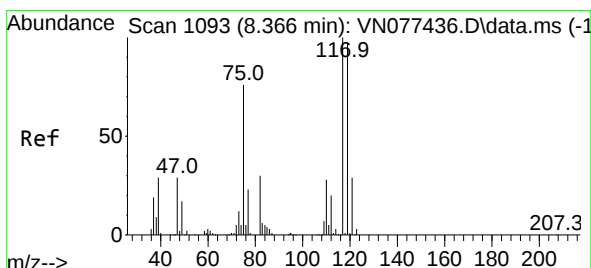
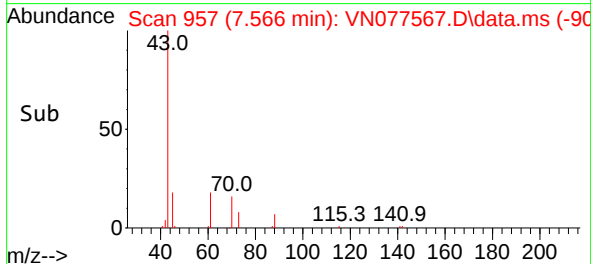
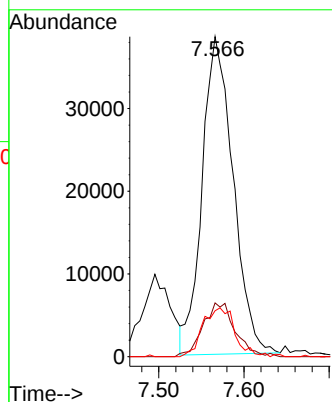
MSVOA_N

ClientSampleId :

AUD-1987



Tgt Ion:	43	Resp:	97036
Ion	Ratio	Lower	Upper
43	100		
61	17.6	13.2	19.8
70	15.9	11.3	16.9



#38

Carbon Tetrachloride

Concen: 5.943 ug/l

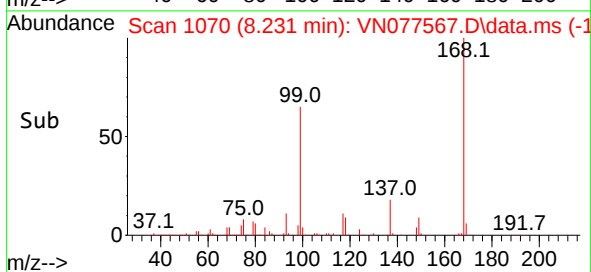
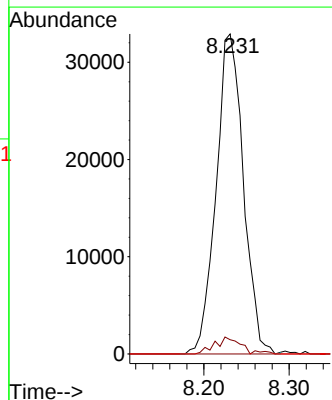
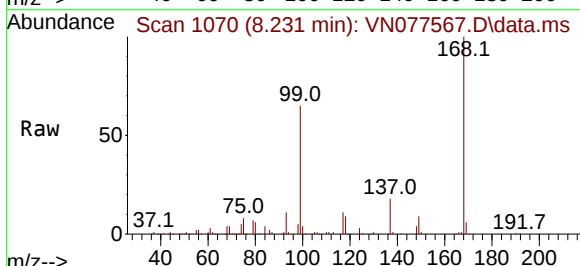
RT: 8.231 min Scan# 1070

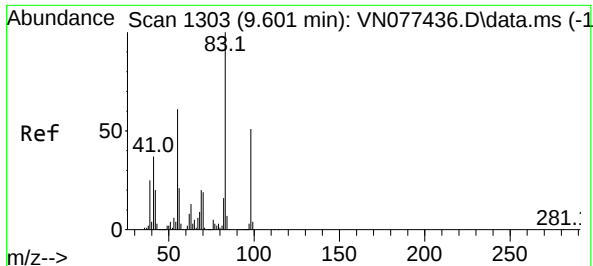
Delta R.T. -0.135 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Tgt Ion:	117	Resp:	73196
Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.3	115.9#
121	0.0	23.3	34.9#





#39

Methylcyclohexane

Concen: 0.218 ug/l

RT: 9.613 min Scan# 1135

Delta R.T. 0.012 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

AUD-1987

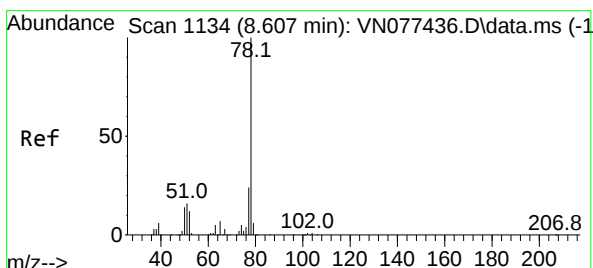
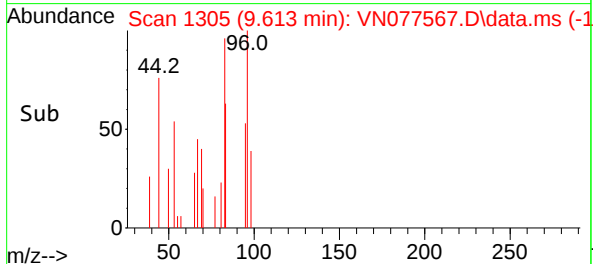
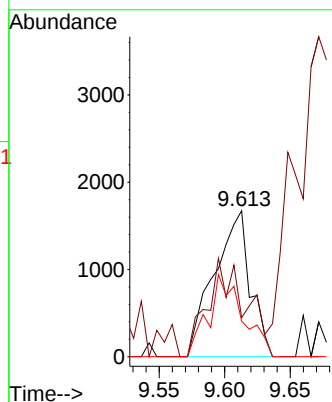
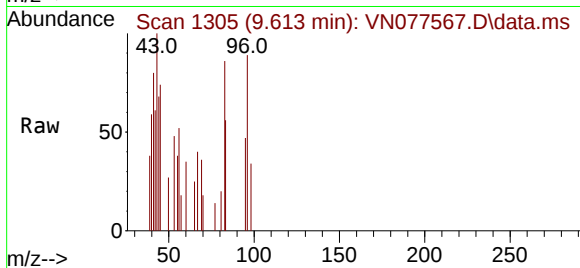
Tgt Ion: 83 Resp: 3211

Ion Ratio Lower Upper

83 100

55 26.7 49.1 73.7#

98 24.3 40.6 61.0#



#40

Benzene

Concen: 95.947 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077567.D

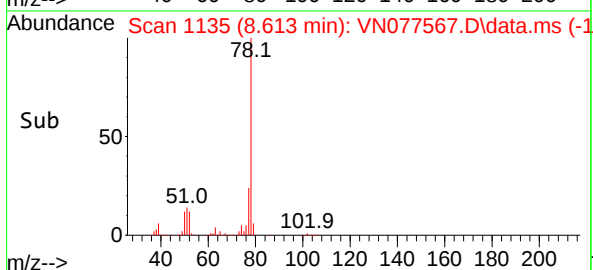
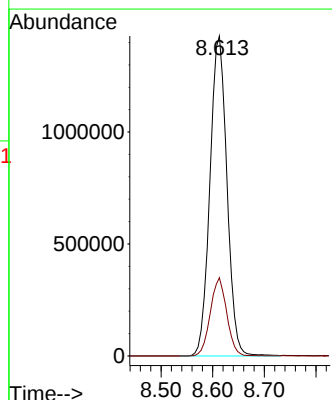
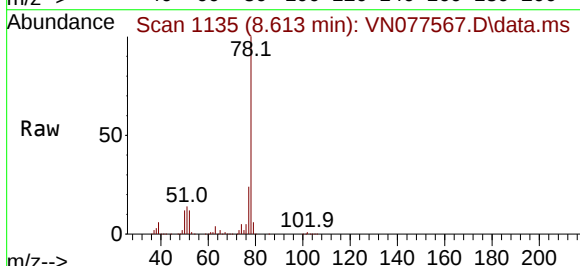
Acq: 03 May 2023 16:57

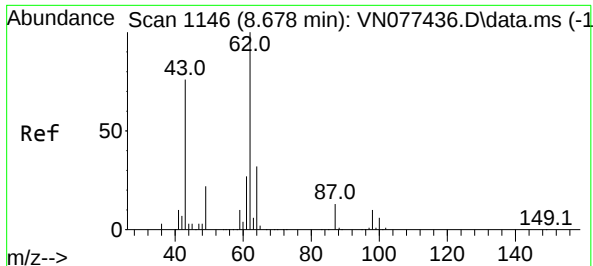
Tgt Ion: 78 Resp: 3263051

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6





#42

1,2-Dichloroethane

Concen: 2.123 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.071 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

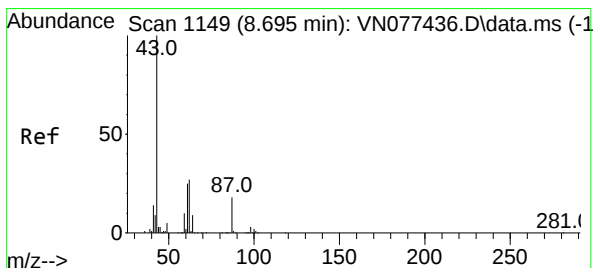
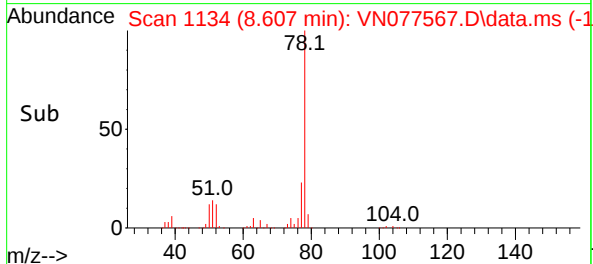
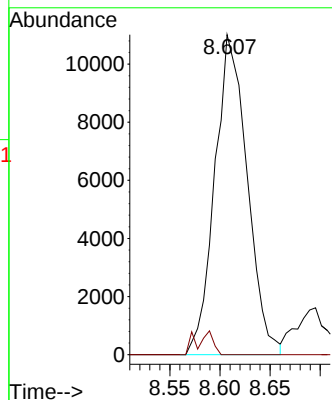
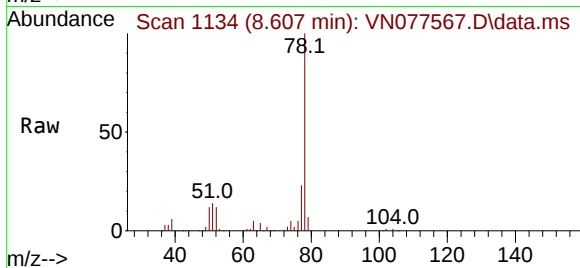
AUD-1987

Tgt Ion: 62 Resp: 24795

Ion Ratio Lower Upper

62 100

98 3.8 0.0 19.8



#43

Isopropyl Acetate

Concen: 34.969 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

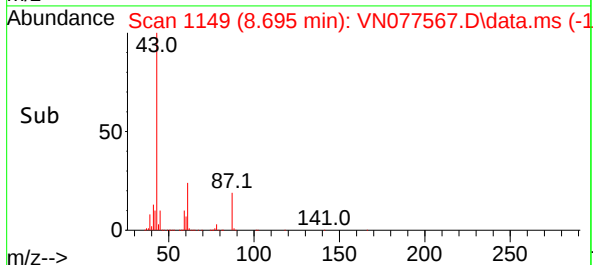
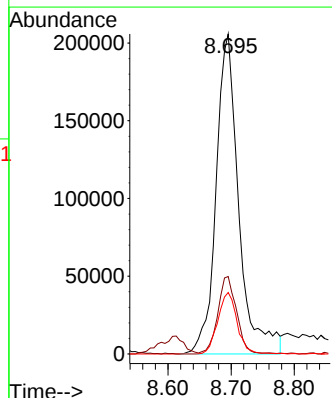
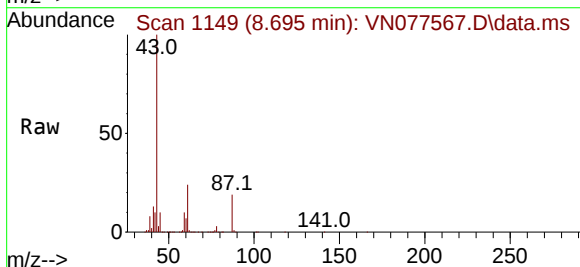
Tgt Ion: 43 Resp: 513194

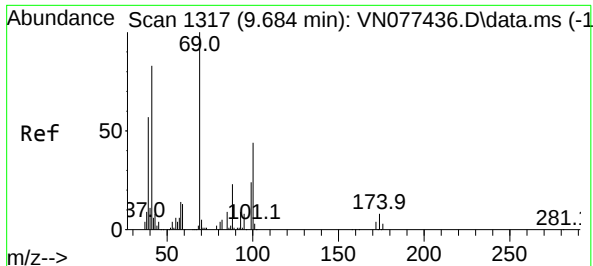
Ion Ratio Lower Upper

43 100

61 19.4 24.7 37.1#

87 16.3 14.6 21.8





#48

Methyl methacrylate

Concen: 2.630 ug/l

RT: 9.660 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

AUD-1987

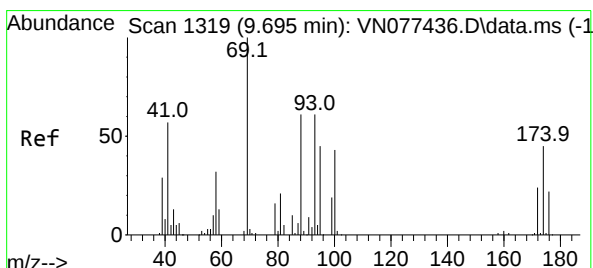
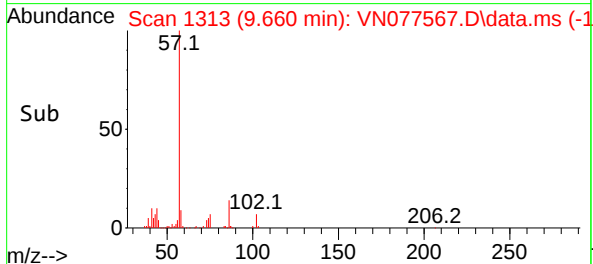
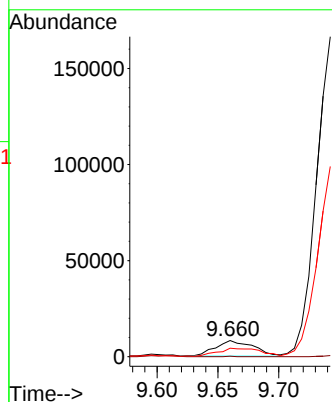
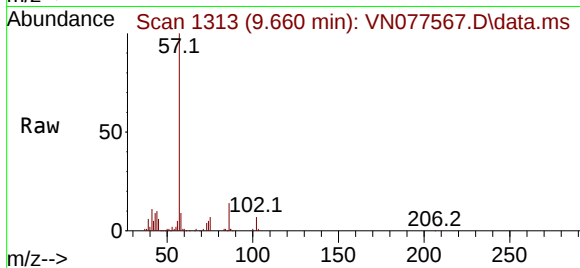
Tgt Ion: 41 Resp: 17566

Ion Ratio Lower Upper

41 100

69 0.5 90.4 135.6#

39 55.5 54.6 81.8



#49

1,4-Dioxane

Concen: 0.752 ug/l

RT: 9.689 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

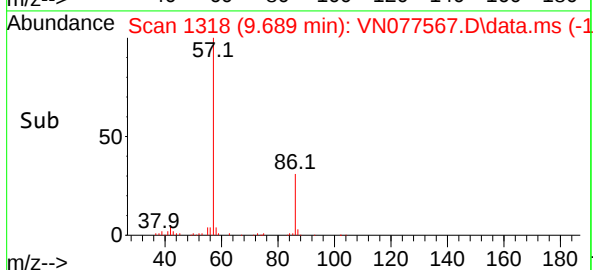
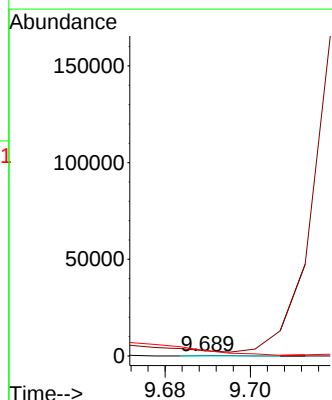
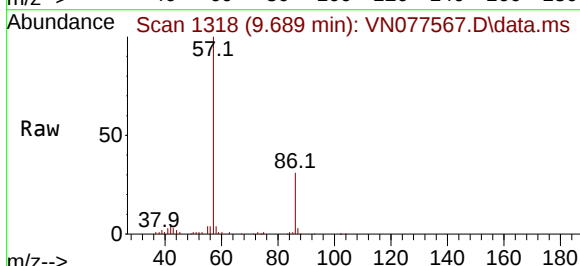
Tgt Ion: 88 Resp: 126

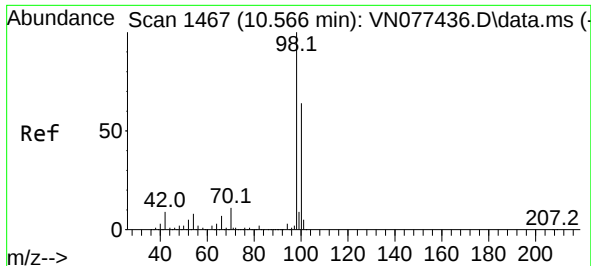
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

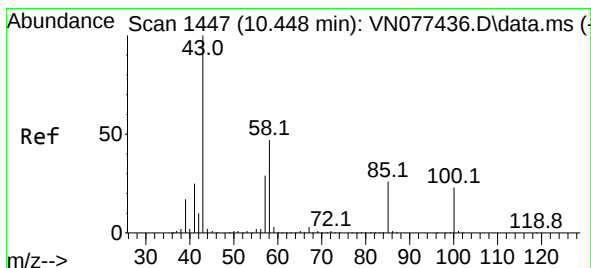
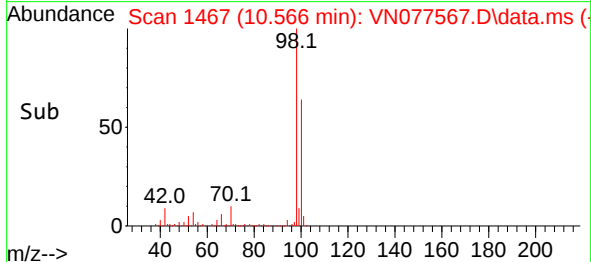
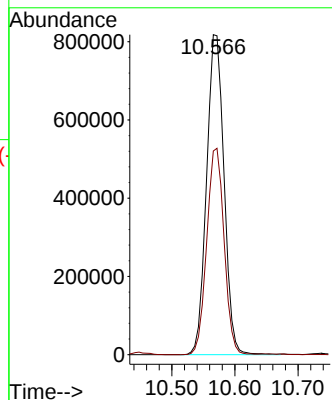
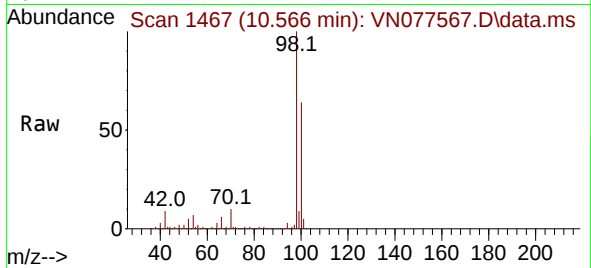




#50
Toluene-d8
Concen: 53.113 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

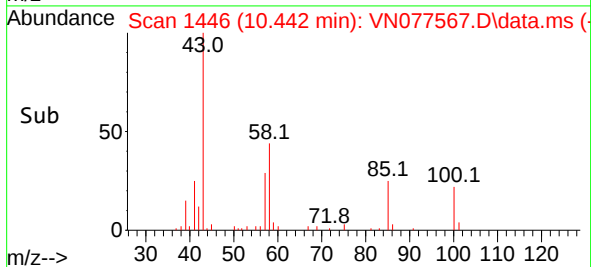
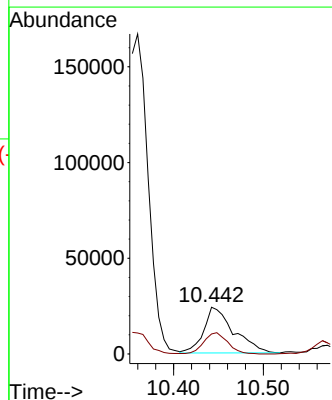
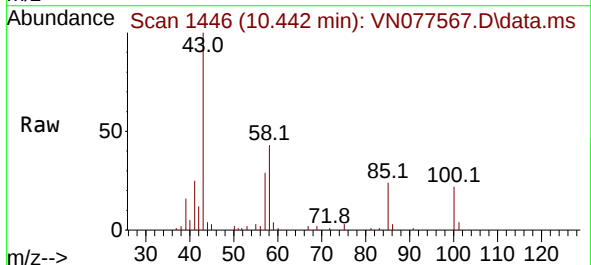
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

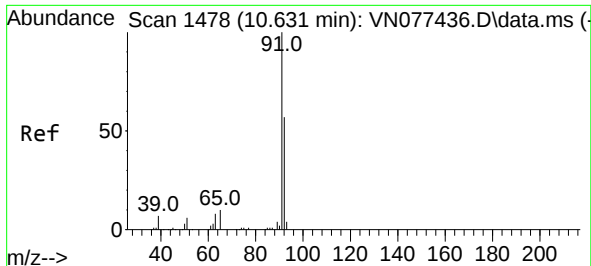
Tgt Ion: 98 Resp: 1572968
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.469 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 43 Resp: 55689
Ion Ratio Lower Upper
43 100
58 37.2 36.6 54.8

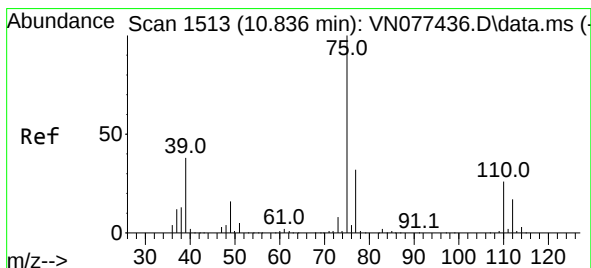
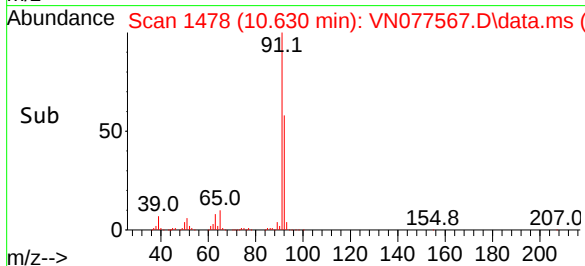
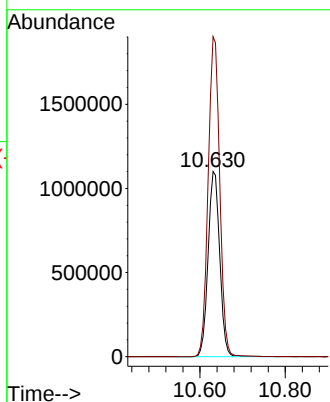
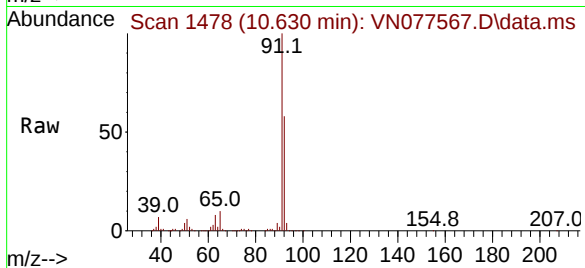




#52
Toluene
Concen: 93.272 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

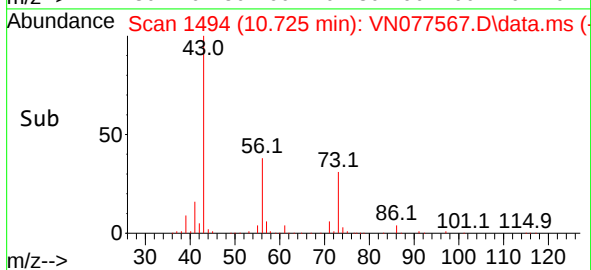
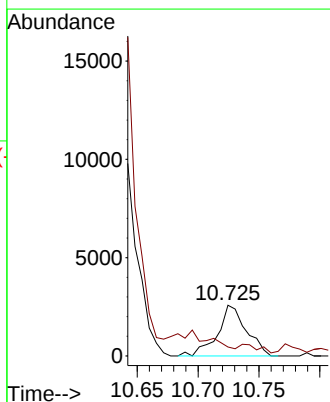
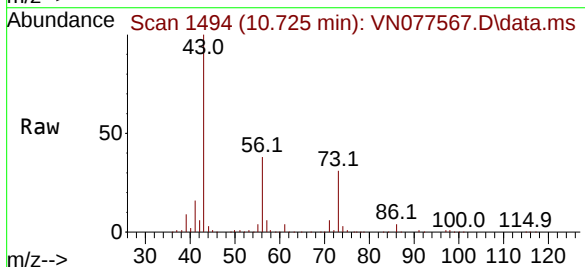
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

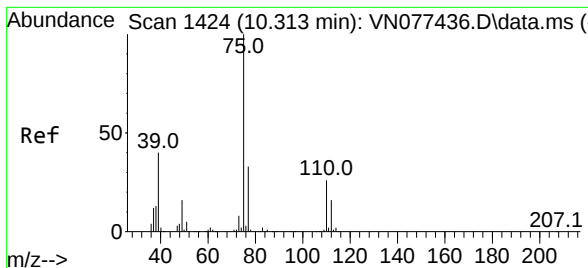
Tgt Ion: 92 Resp: 2078049
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 0.336 ug/l
RT: 10.725 min Scan# 1494
Delta R.T. -0.112 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 75 Resp: 4254
Ion Ratio Lower Upper
75 100
77 8.7 25.4 38.0#

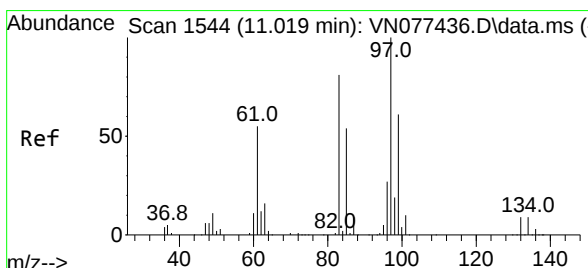
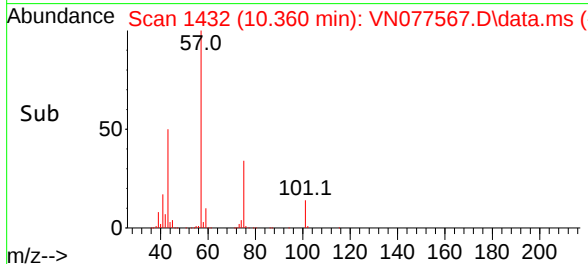
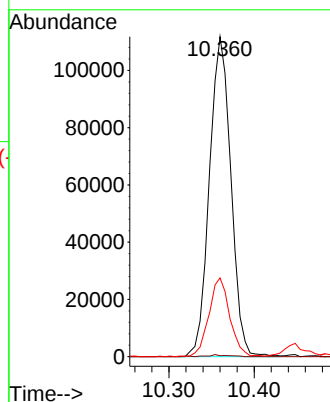
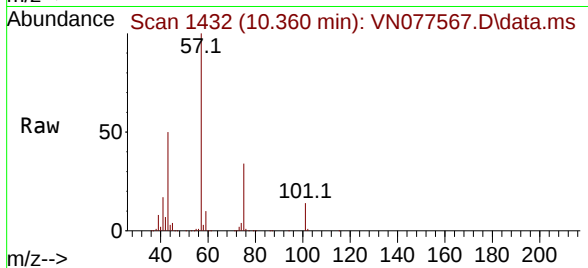




#54
 cis-1,3-Dichloropropene
 Concen: 14.214 ug/l
 RT: 10.360 min Scan# 1424
 Delta R.T. 0.047 min
 Lab File: VN077567.D
 Acq: 03 May 2023 16:57

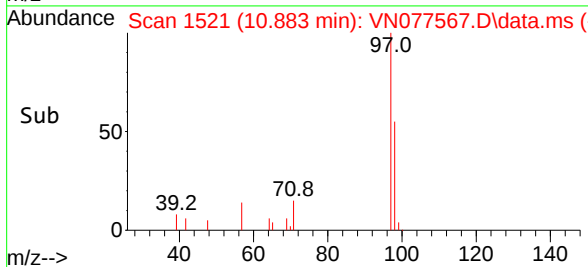
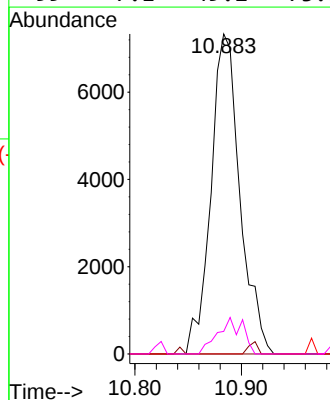
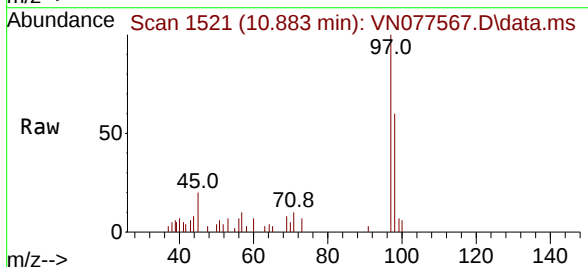
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1987

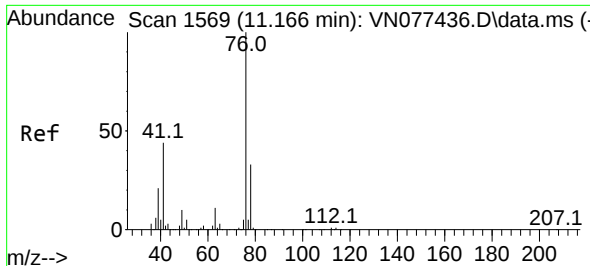
Tgt Ion: 75 Resp: 195885
 Ion Ratio Lower Upper
 75 100
 77 0.3 26.1 39.1#
 39 24.4 31.6 47.4#



#55
 1,1,2-Trichloroethane
 Concen: 1.554 ug/l
 RT: 10.883 min Scan# 1521
 Delta R.T. -0.135 min
 Lab File: VN077567.D
 Acq: 03 May 2023 16:57

Tgt Ion: 97 Resp: 13921
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.1 97.7#
 85 0.0 43.4 65.2#
 99 7.1 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 1.655 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.035 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

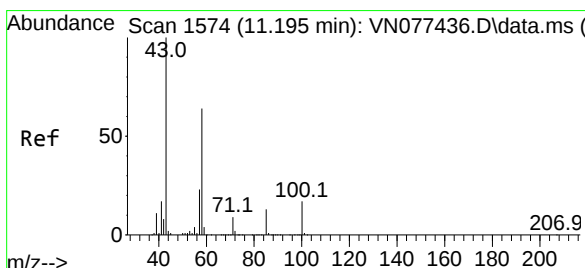
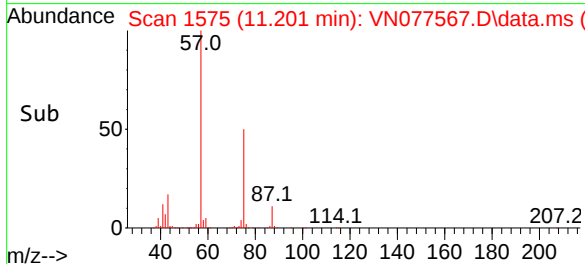
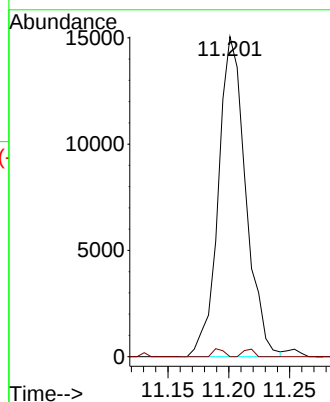
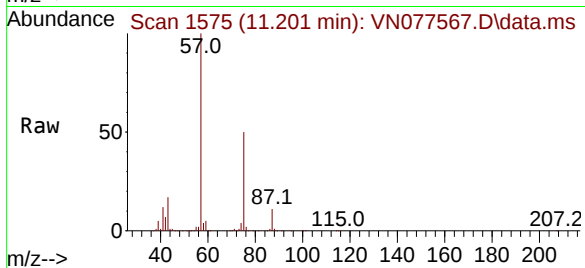
AUD-1987

Tgt Ion: 76 Resp: 23615

Ion Ratio Lower Upper

76 100

78 1.0 26.1 39.1#



#59

2-Hexanone

Concen: 49.788 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.024 min

Lab File: VN077567.D

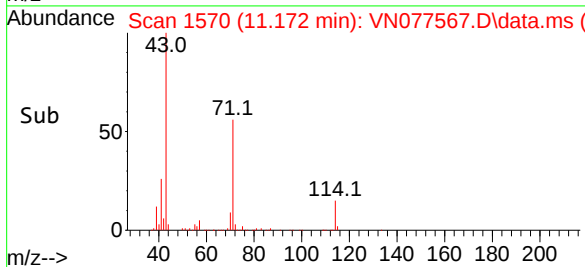
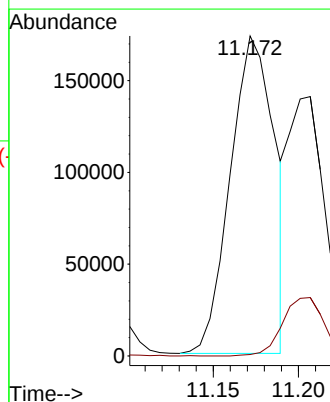
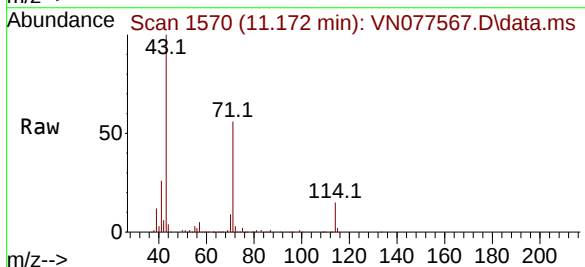
Acq: 03 May 2023 16:57

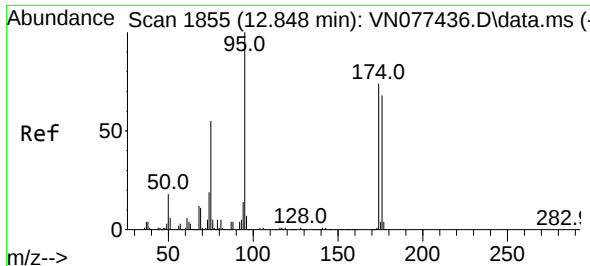
Tgt Ion: 43 Resp: 311527

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

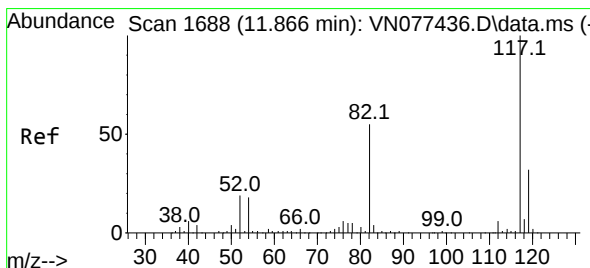
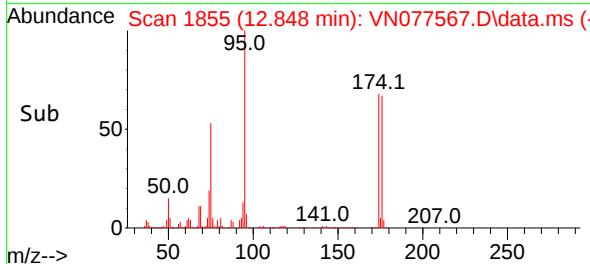
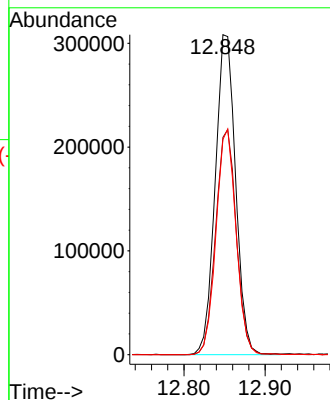
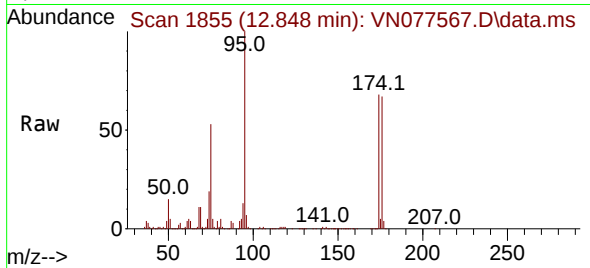




#62
4-Bromofluorobenzene
Concen: 55.496 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

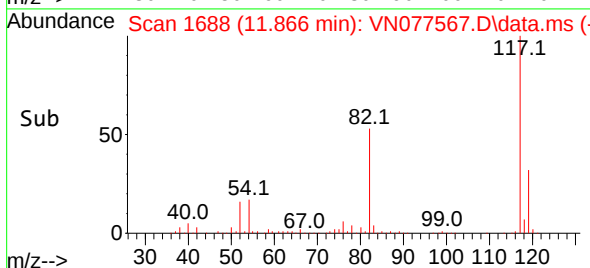
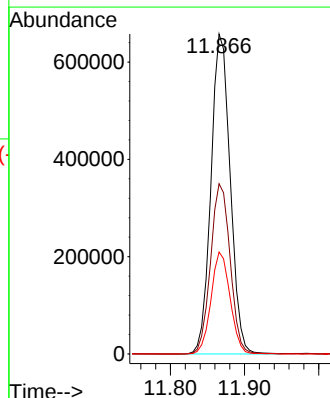
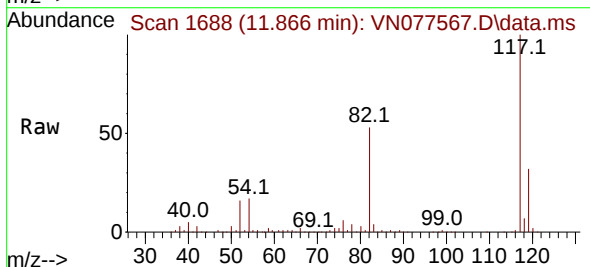
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

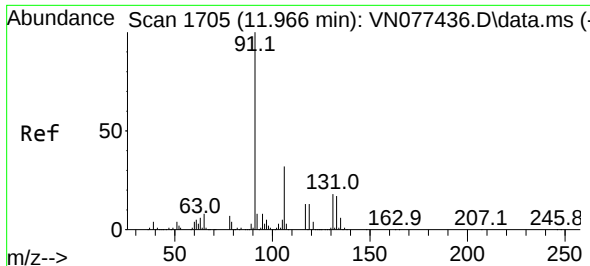
Tgt Ion: 95 Resp: 537732
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 68.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 117 Resp: 1185594
Ion Ratio Lower Upper
117 100
82 53.2 44.0 66.0
119 31.9 25.6 38.4

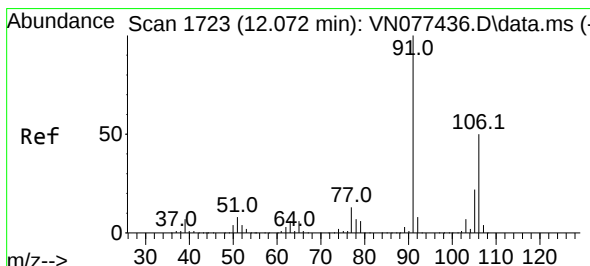
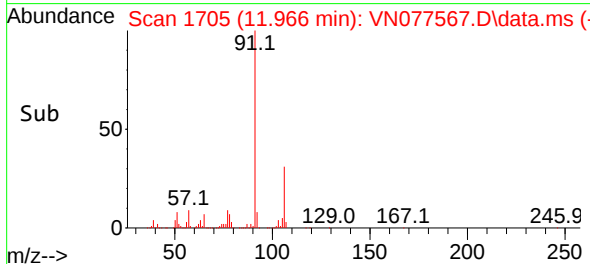
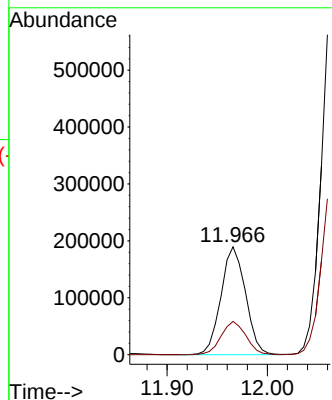
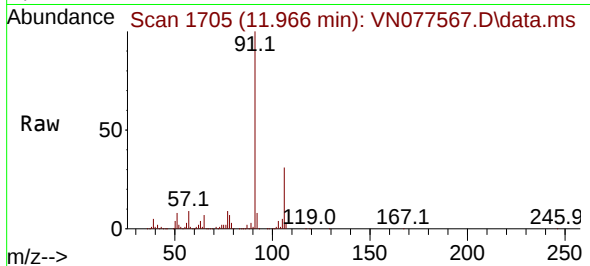




#67
Ethyl Benzene
Concen: 7.296 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

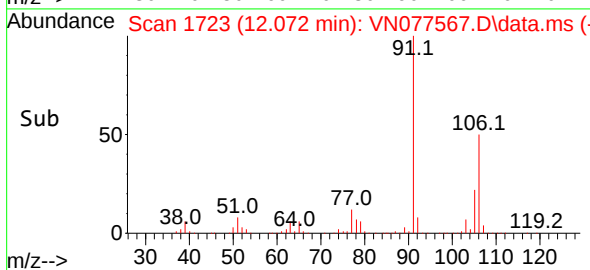
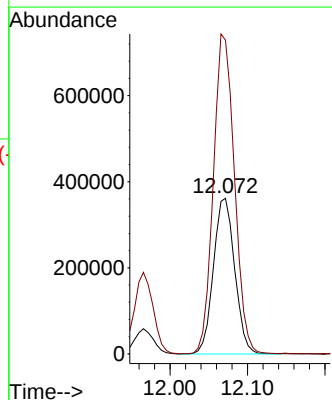
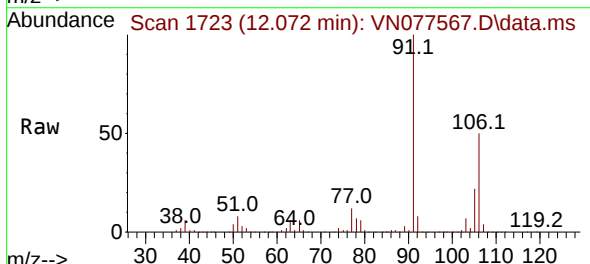
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

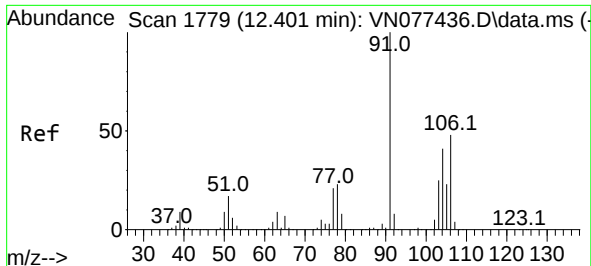
Tgt Ion: 91 Resp: 322227
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 40.207 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 106 Resp: 690138
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4

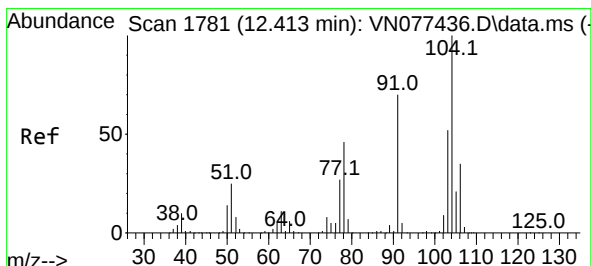
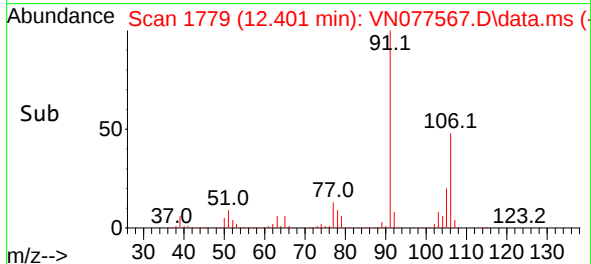
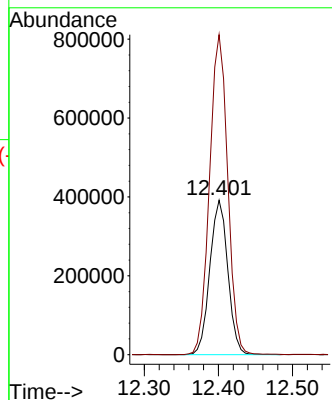
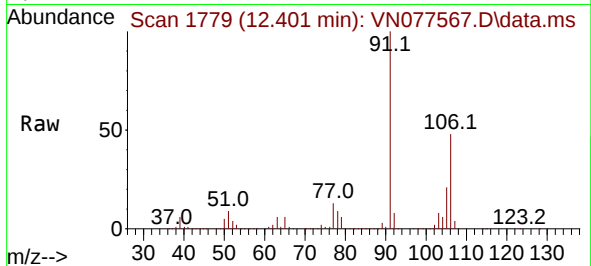




#69
o-Xylene
Concen: 39.097 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

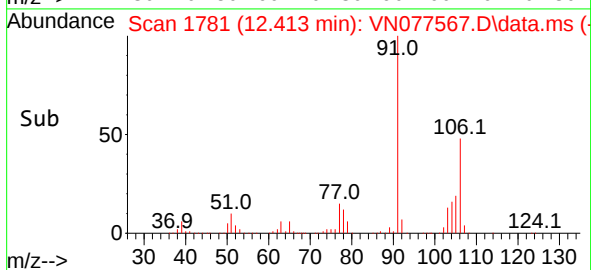
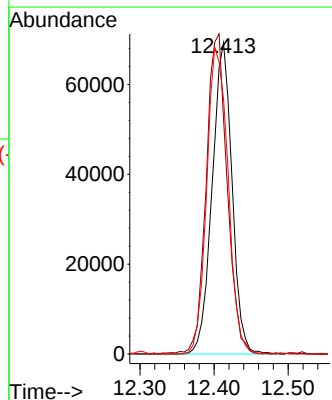
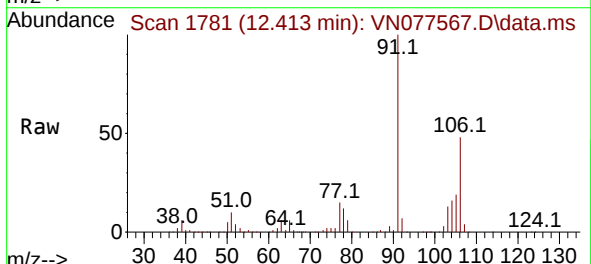
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

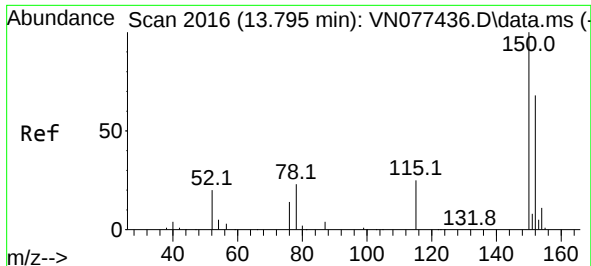
Tgt Ion:106 Resp: 660087
Ion Ratio Lower Upper
106 100
91 209.7 105.2 315.5



#70
Styrene
Concen: 4.892 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion:104 Resp: 129159
Ion Ratio Lower Upper
104 100
78 108.4 39.5 59.3#
103 105.7 43.2 64.8#

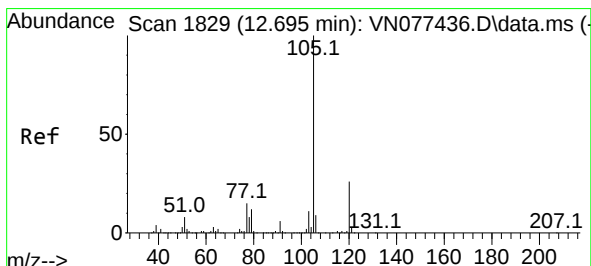
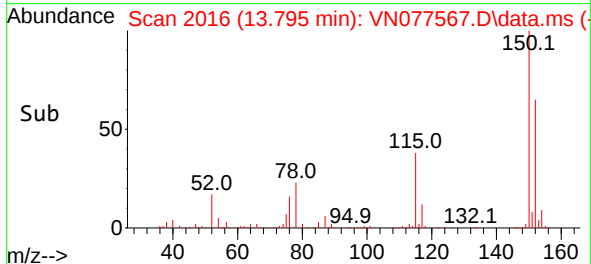
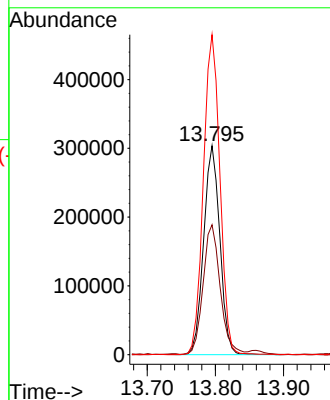
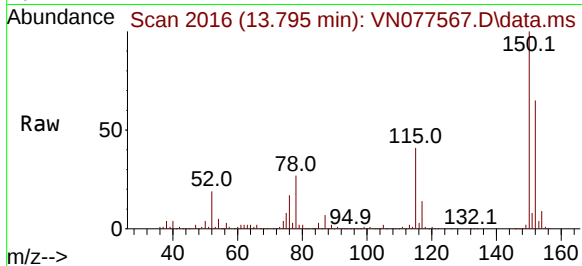




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

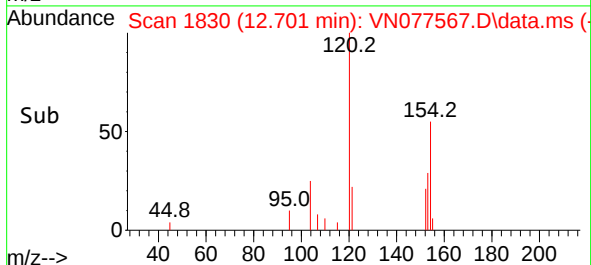
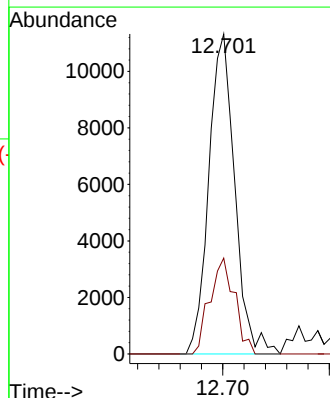
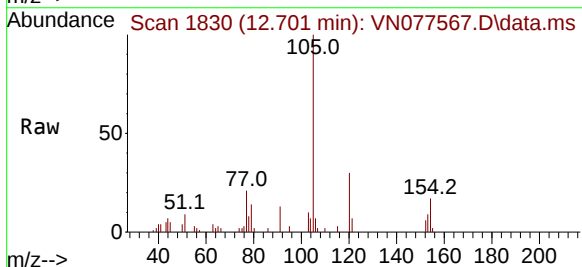
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

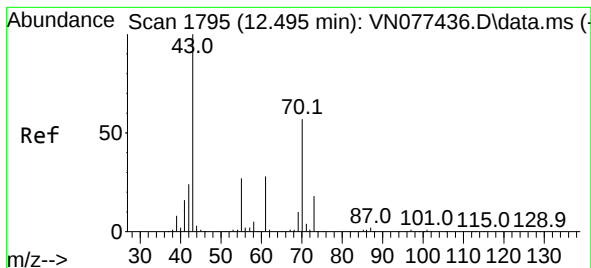
Tgt Ion:152 Resp: 502371
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 156.0 0.0 355.8



#73
Isopropylbenzene
Concen: 0.410 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion:105 Resp: 19116
Ion Ratio Lower Upper
105 100
120 28.8 13.1 39.1





#74

N-amy1 acetate

Concen: 0.576 ug/l

RT: 12.460 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

AUD-1987

Tgt Ion: 43 Resp: 7943

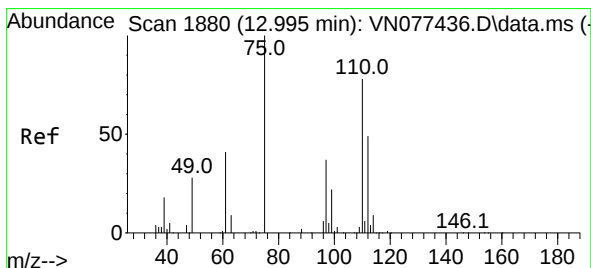
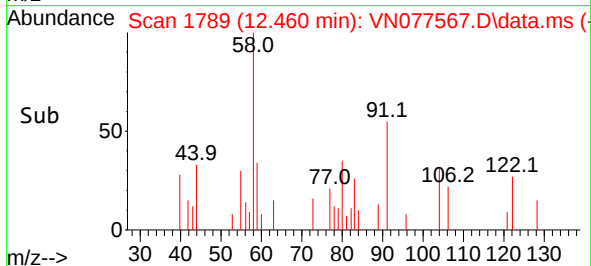
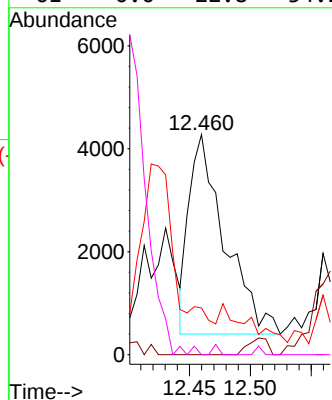
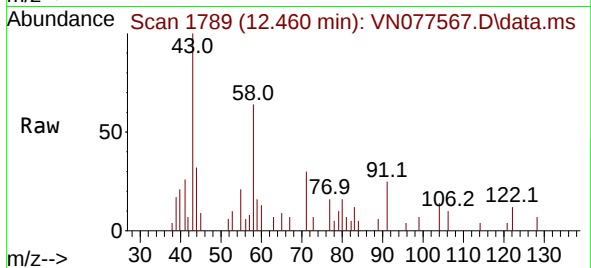
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 0.0 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 24.078 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN077567.D

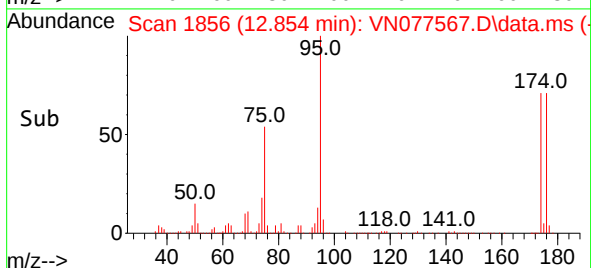
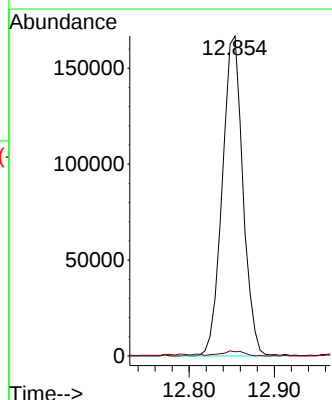
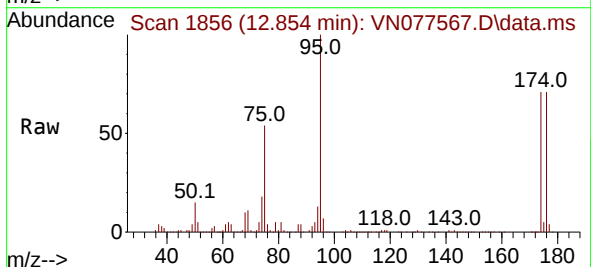
Acq: 03 May 2023 16:57

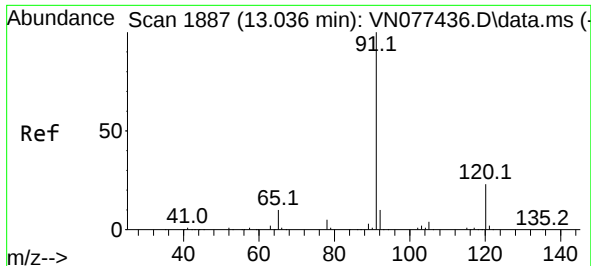
Tgt Ion: 75 Resp: 281279

Ion Ratio Lower Upper

75 100

77 1.7 84.5 253.5#

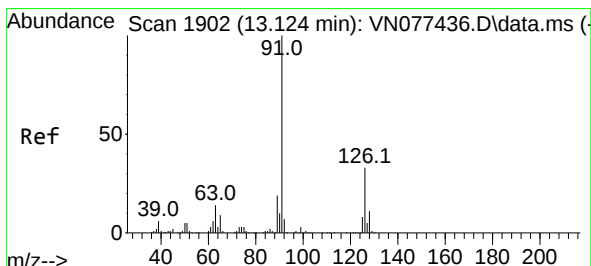
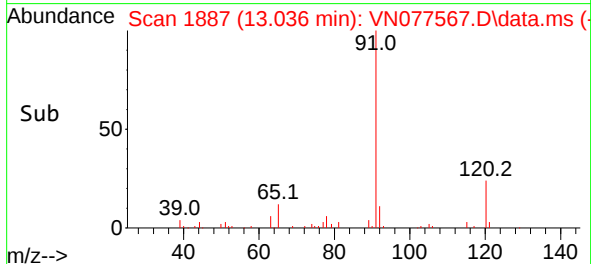
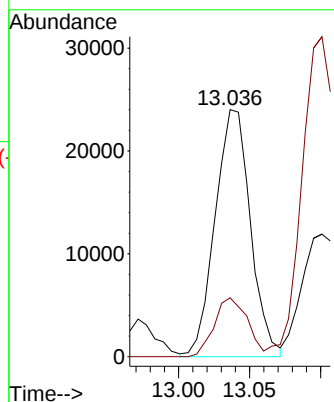
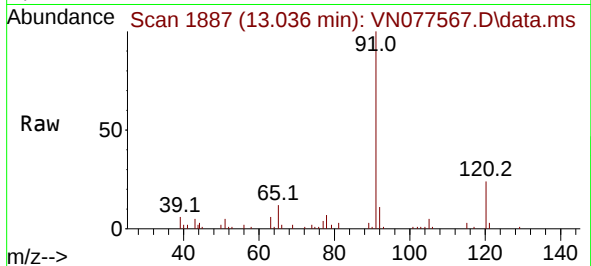




#78
n-propylbenzene
Concen: 0.806 ug/l
RT: 13.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

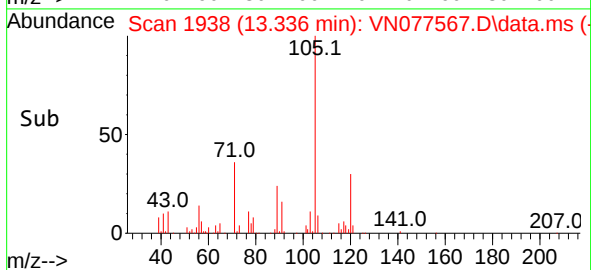
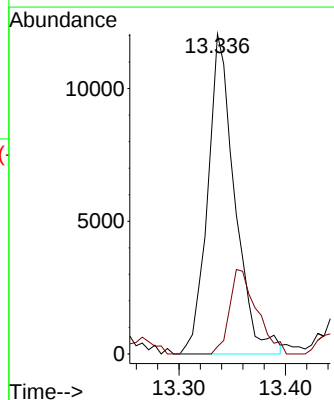
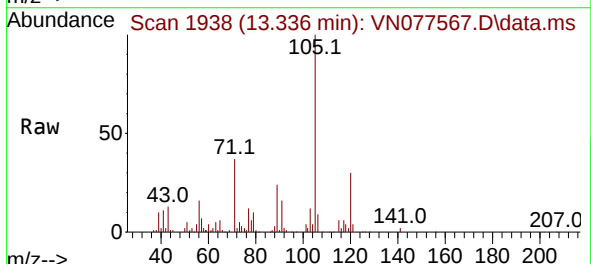
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

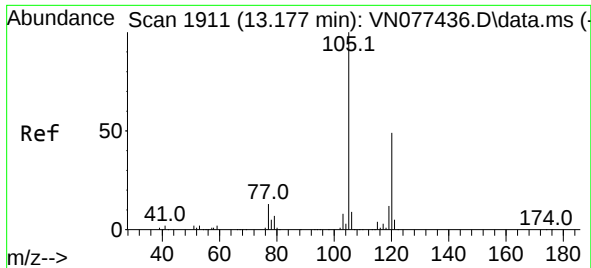
Tgt Ion: 91 Resp: 41562
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.671 ug/l
RT: 13.336 min Scan# 1938
Delta R.T. 0.212 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 91 Resp: 21316
Ion Ratio Lower Upper
91 100
126 26.5 16.3 48.8

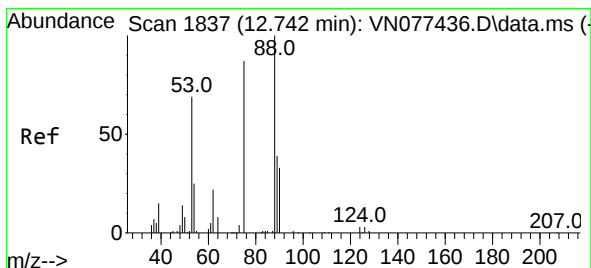
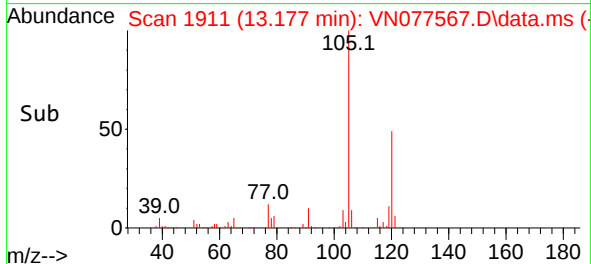
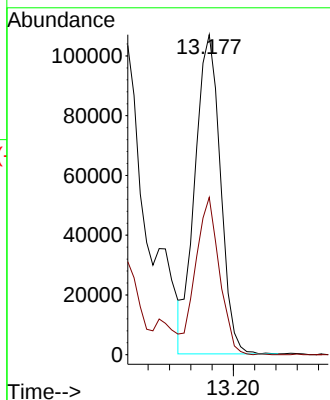
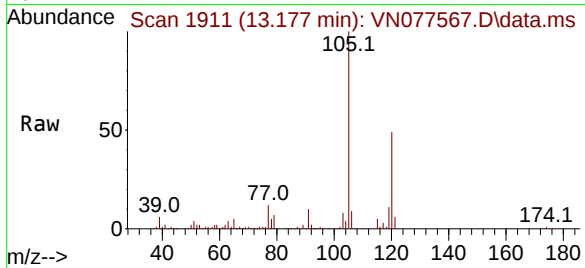




#80
1,3,5-Trimethylbenzene
Concen: 5.121 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

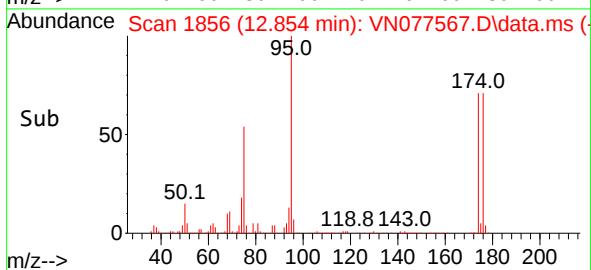
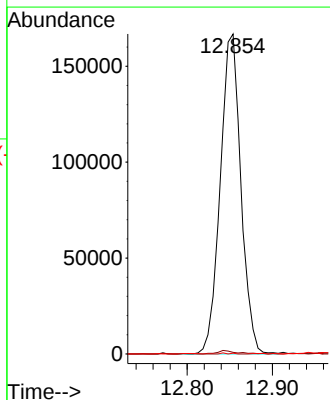
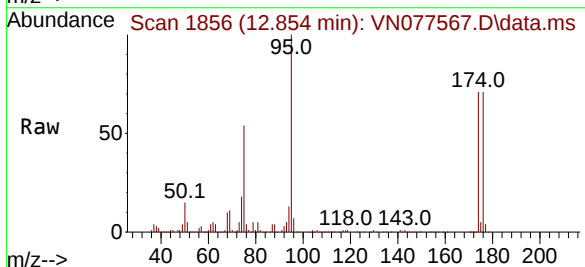
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

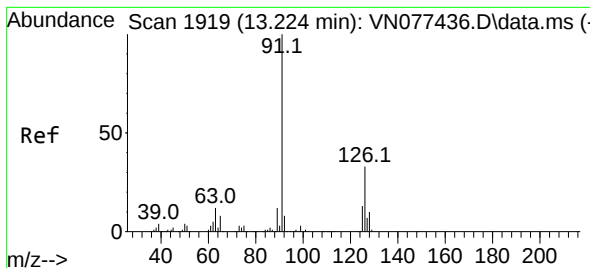
Tgt Ion:105 Resp: 177281
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 68.024 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion: 75 Resp: 281279
Ion Ratio Lower Upper
75 100
53 1.1 67.4 101.2#
89 0.1 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.731 ug/l

RT: 13.336 min Scan# 1919

Delta R.T. 0.112 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

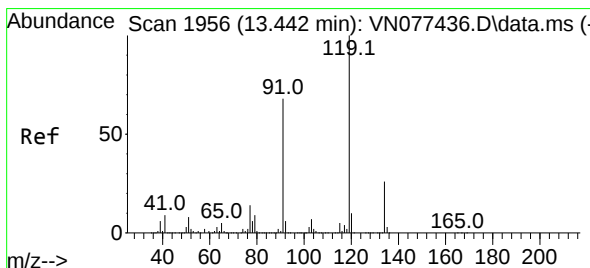
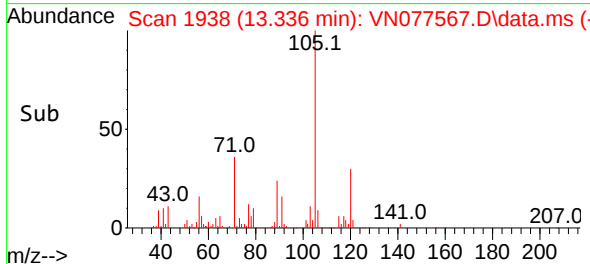
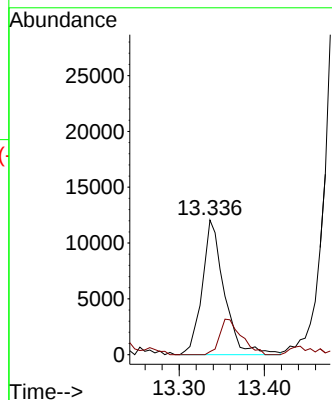
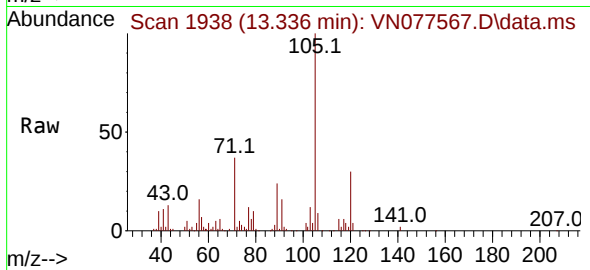
AUD-1987

Tgt Ion: 91 Resp: 21699

Ion Ratio Lower Upper

91 100

126 26.0 16.7 50.0



#83

tert-Butylbenzene

Concen: 0.211 ug/l

RT: 13.677 min Scan# 1996

Delta R.T. 0.235 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

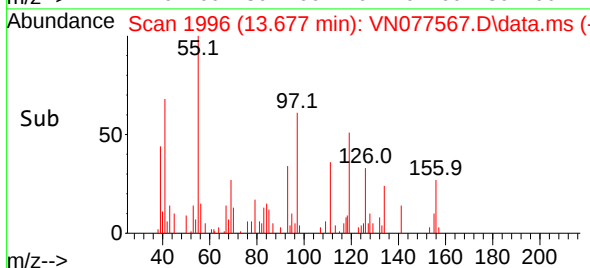
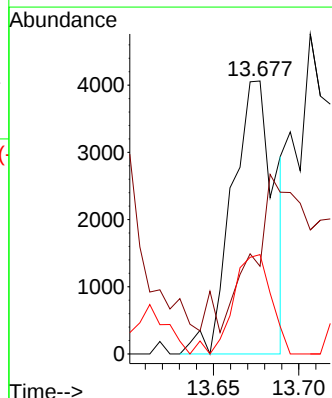
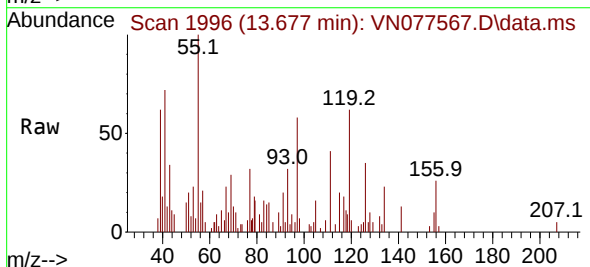
Tgt Ion: 119 Resp: 7094

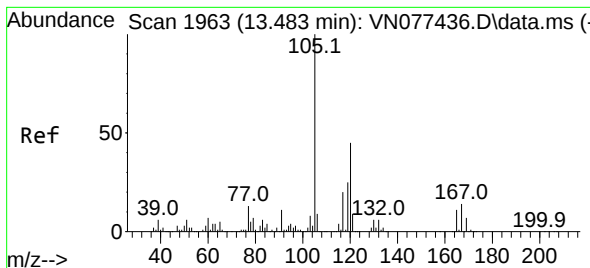
Ion Ratio Lower Upper

119 100

91 68.5 33.9 101.7

134 32.3 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 20.740 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077567.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

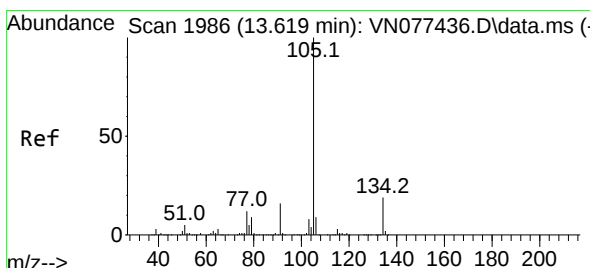
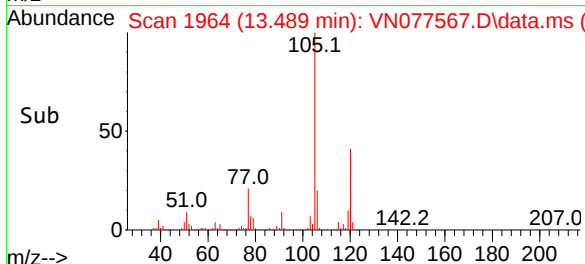
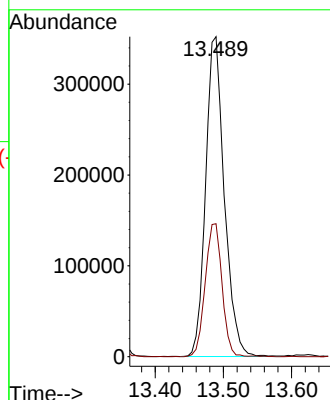
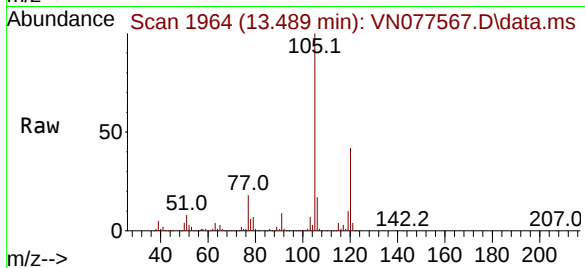
AUD-1987

Tgt Ion:105 Resp: 670562

Ion Ratio Lower Upper

105 100

120 37.6 22.0 66.0



#85

sec-Butylbenzene

Concen: 14.531 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. -0.129 min

Lab File: VN077567.D

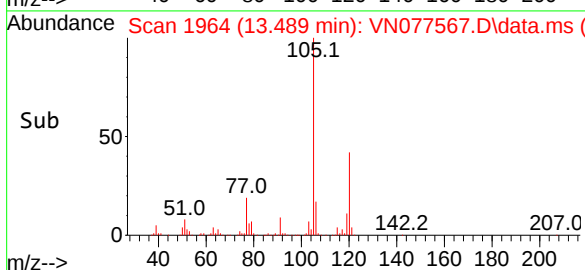
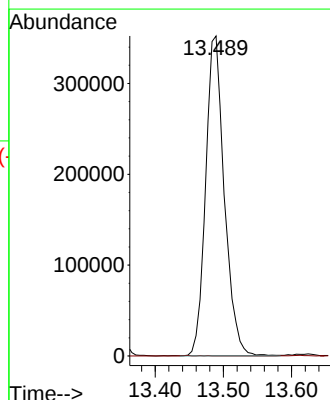
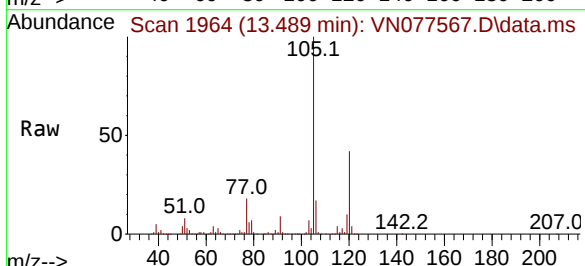
Acq: 03 May 2023 16:57

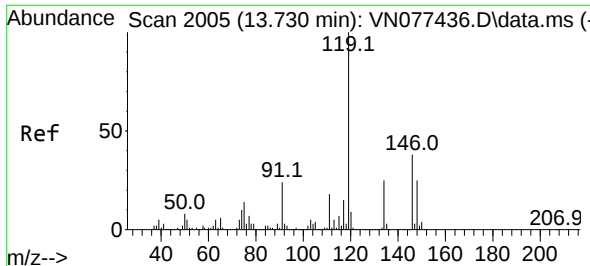
Tgt Ion:105 Resp: 670562

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#

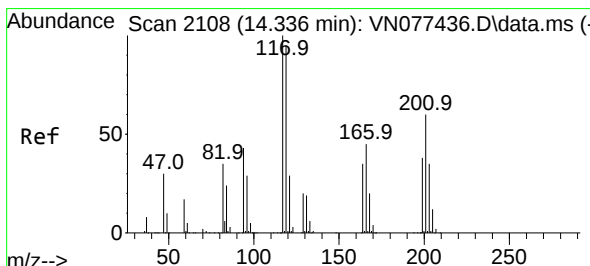
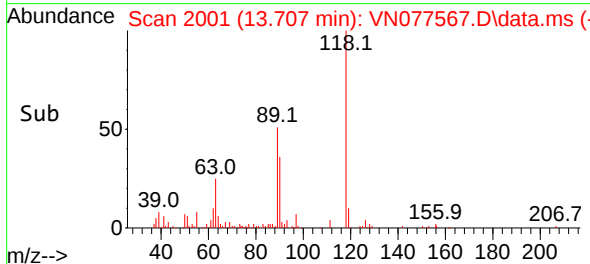
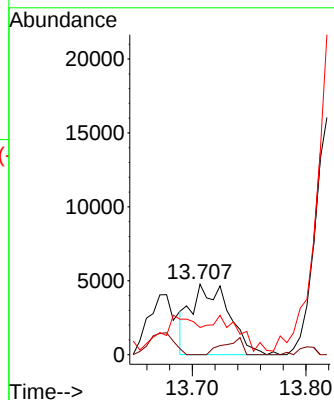
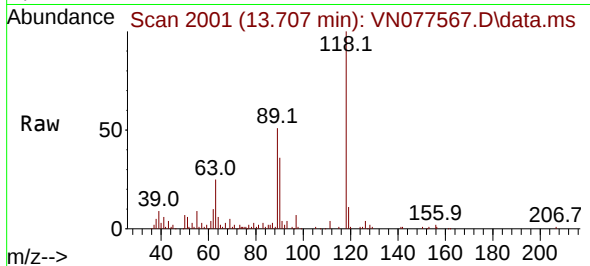




#86
p-Isopropyltoluene
Concen: 0.312 ug/l
RT: 13.707 min Scan# 20
Delta R.T. -0.024 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

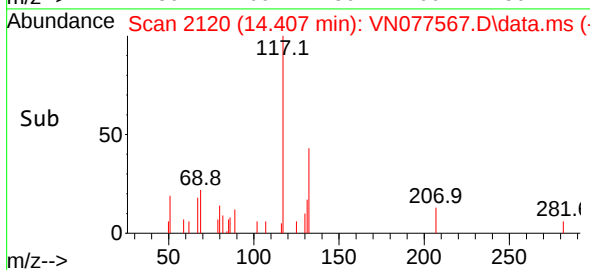
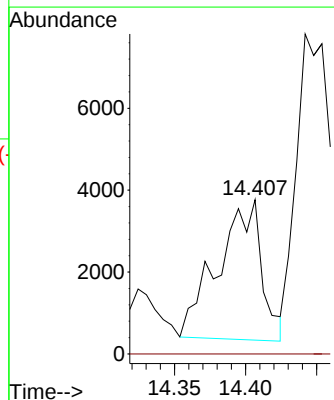
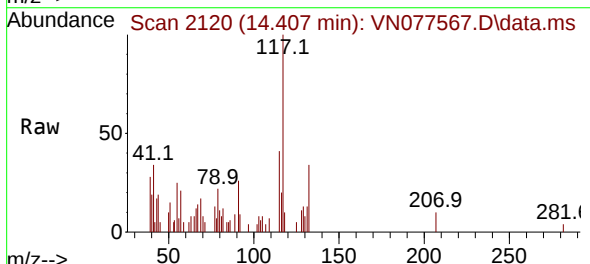
Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

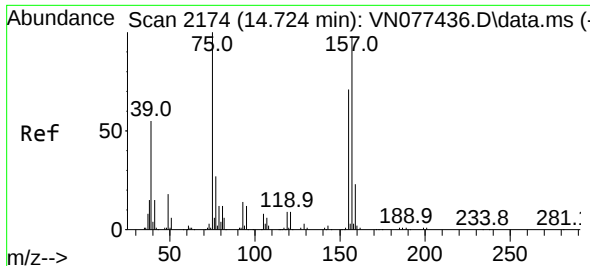
Tgt Ion:119 Resp: 11094
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.8#
91 0.0 12.4 37.2#



#90
Hexachloroethane
Concen: 0.930 ug/l
RT: 14.407 min Scan# 2120
Delta R.T. 0.071 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion:117 Resp: 7294
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

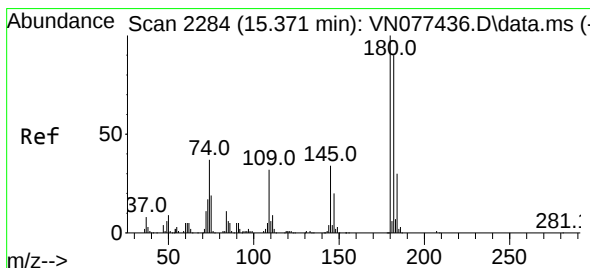
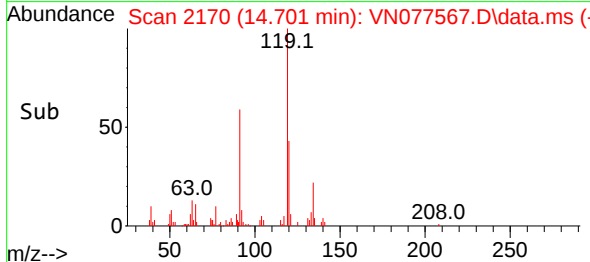
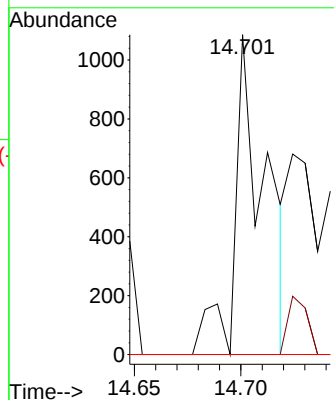
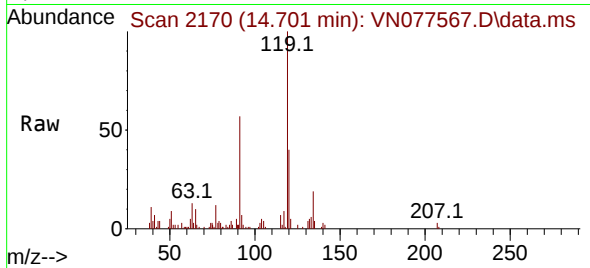




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.397 ug/l
 RT: 14.701 min Scan# 2174
 Delta R.T. -0.023 min
 Lab File: VN077567.D
 Acq: 03 May 2023 16:57

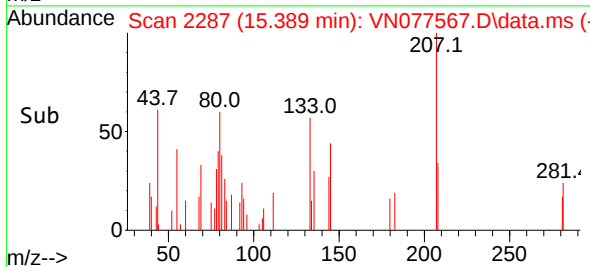
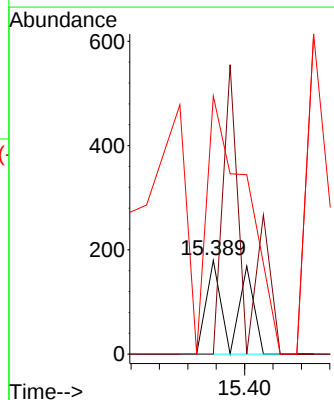
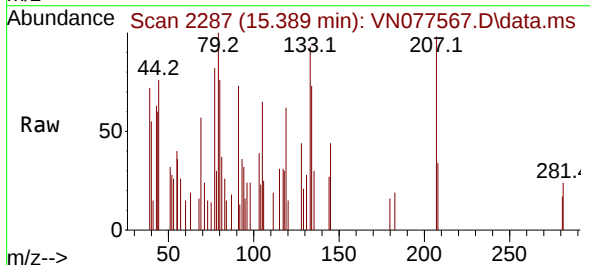
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1987

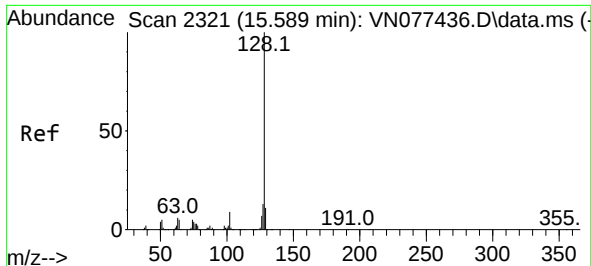
Tgt Ion: 75 Resp: 1074
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.831 ug/l
 RT: 15.389 min Scan# 2287
 Delta R.T. 0.018 min
 Lab File: VN077567.D
 Acq: 03 May 2023 16:57

Tgt Ion: 180 Resp: 123
 Ion Ratio Lower Upper
 180 100
 182 235.8 46.1 138.2#
 145 390.2 16.6 49.8#

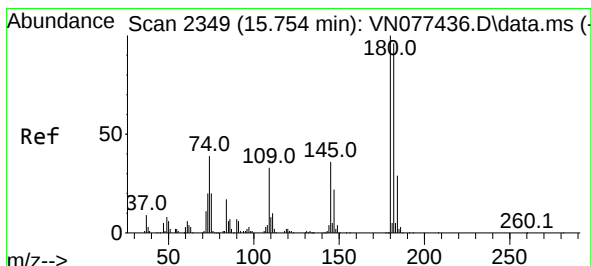
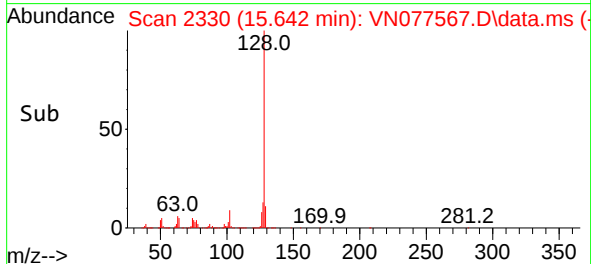
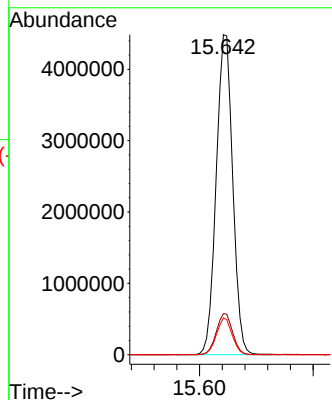
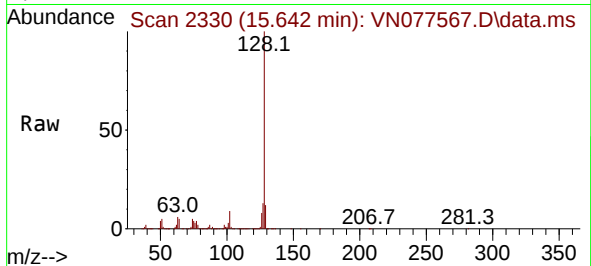




#95
Naphthalene
Concen: 189.220 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
AUD-1987

Tgt Ion:128 Resp: 9031087
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.636 ug/l
RT: 15.854 min Scan# 2366
Delta R.T. 0.100 min
Lab File: VN077567.D
Acq: 03 May 2023 16:57

Tgt Ion:180 Resp: 541
Ion Ratio Lower Upper
180 100
182 40.3 46.2 138.6#
145 0.0 17.5 52.6#

