

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074210.D
 Acq On : 31 Aug 2022 13:31
 Operator : JC\MD
 Sample : N4447-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

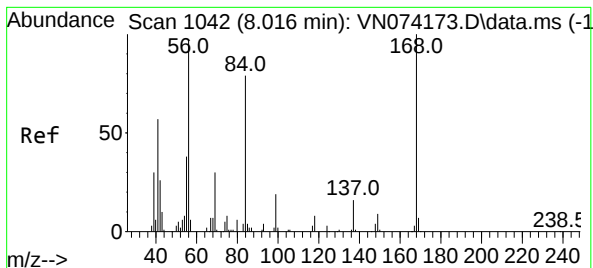
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1660

Quant Time: Sep 01 00:23:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	180568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	341565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	340599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	166436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	152003	54.266	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.540%	
35) Dibromofluoromethane	7.951	113	125800	56.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.200%	
50) Toluene-d8	10.381	98	405727	46.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.700%	
62) 4-Bromofluorobenzene	12.669	95	170289	63.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 127.940%#	
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	104212	55.678	ug/l	93
39) Methylcyclohexane	9.398	83	4819	1.138	ug/l	# 84
67) Ethyl Benzene	11.780	91	21248	1.545	ug/l	91
68) m/p-Xylenes	11.892	106	42588	8.335	ug/l	96
73) Isopropylbenzene	12.510	105	13853	0.972	ug/l	89
78) n-propylbenzene	12.857	91	24378	1.500	ug/l	93
80) 1,3,5-Trimethylbenzene	12.998	105	88406	7.626	ug/l	95
83) tert-Butylbenzene	13.263	119	5277	0.532	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	129239	11.552	ug/l	100
85) sec-Butylbenzene	13.433	105	10336	0.743	ug/l	# 43
86) p-Isopropyltoluene	13.557	119	11170	1.032	ug/l	94
89) n-Butylbenzene	13.886	91	7086	0.752	ug/l	# 75
95) Naphthalene	15.433	128	43399	4.508	ug/l	# 92

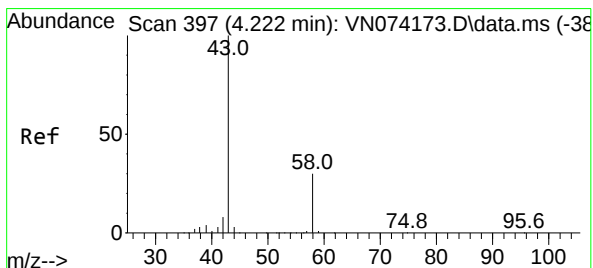
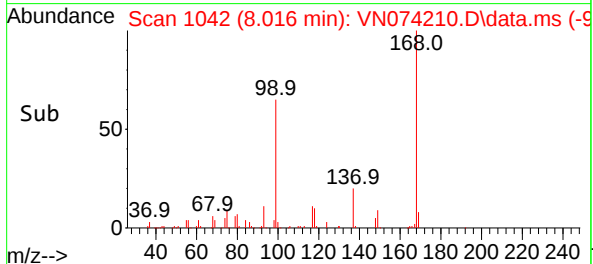
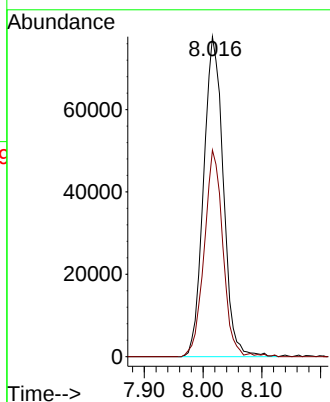
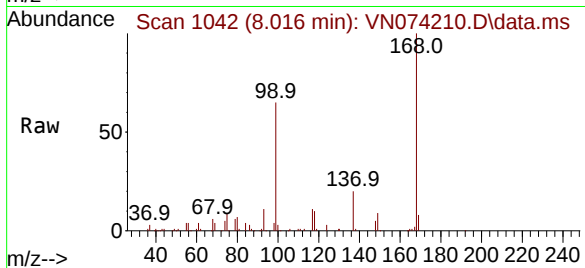
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

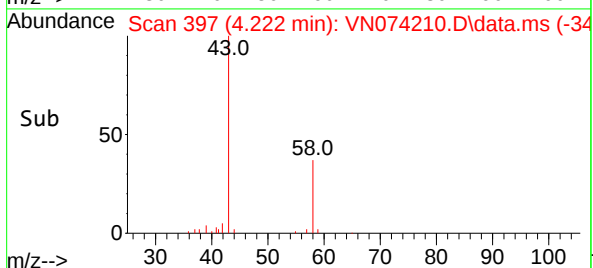
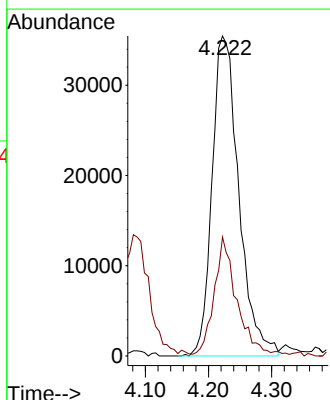
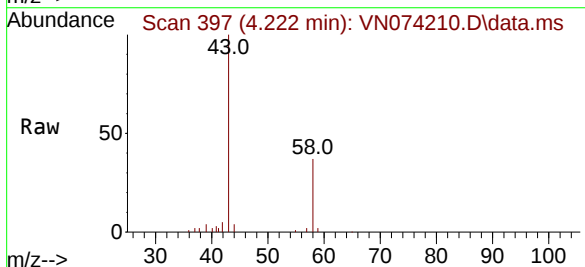
Instrument :
MSVOA_N
ClientSampleId :
AUD-1660

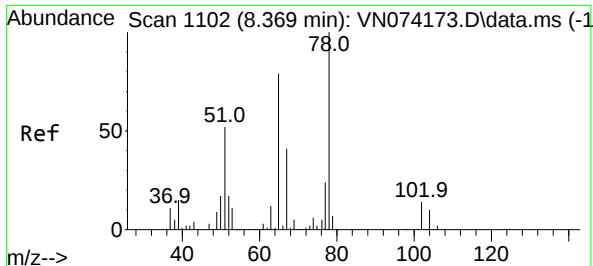
Tgt Ion:168 Resp: 180568
Ion Ratio Lower Upper
168 100
99 64.6 42.3 63.5#



#16
Acetone
Concen: 55.678 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

Tgt Ion: 43 Resp: 104212
Ion Ratio Lower Upper
43 100
58 36.4 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 54.266 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

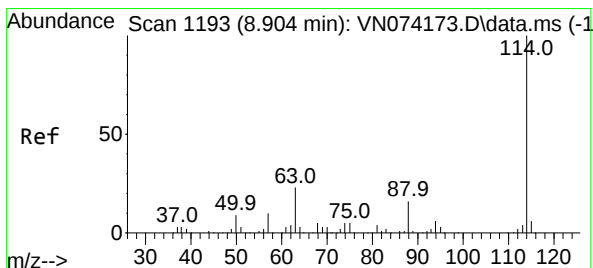
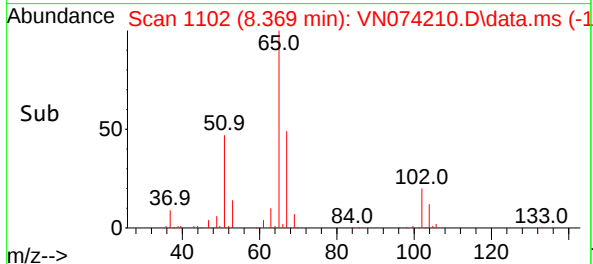
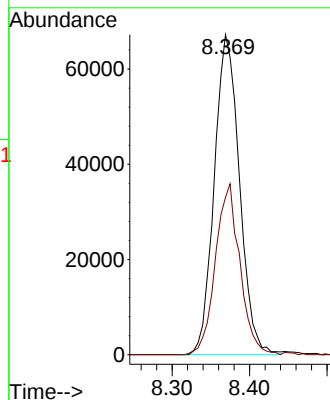
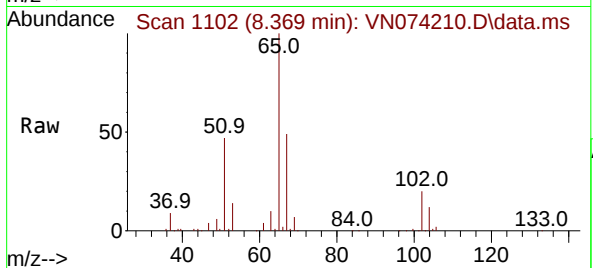
AUD-1660

Tgt Ion: 65 Resp: 152003

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

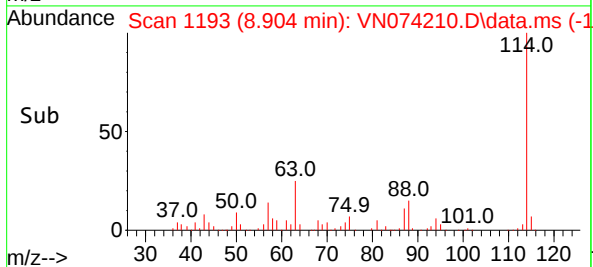
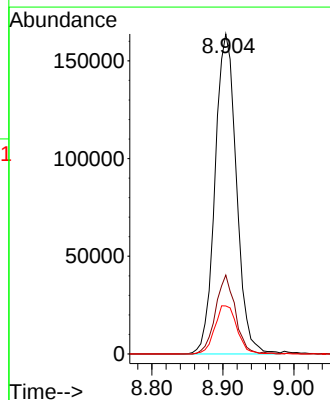
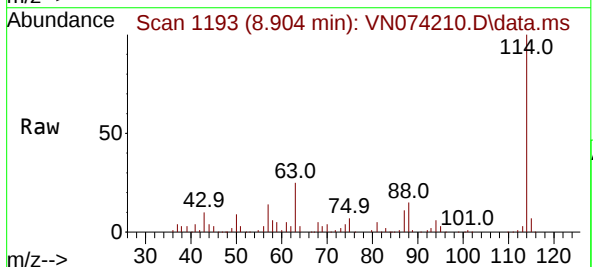
Tgt Ion: 114 Resp: 341565

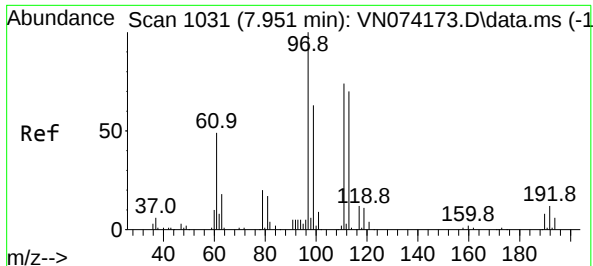
Ion Ratio Lower Upper

114 100

63 24.6 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.600 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

AUD-1660

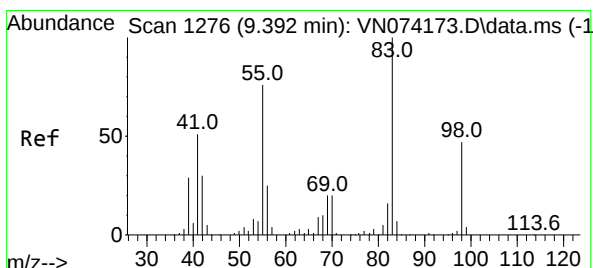
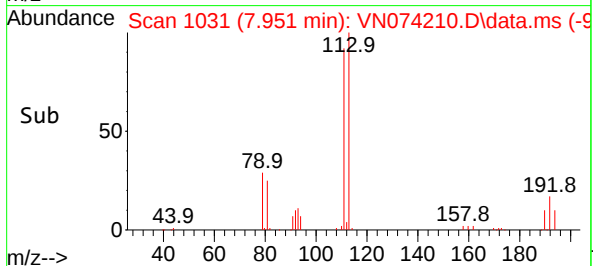
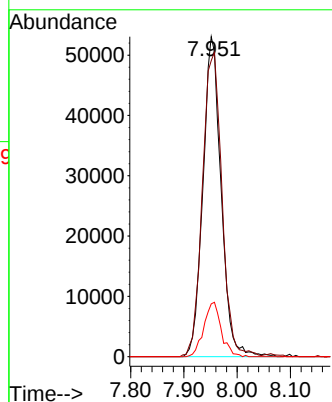
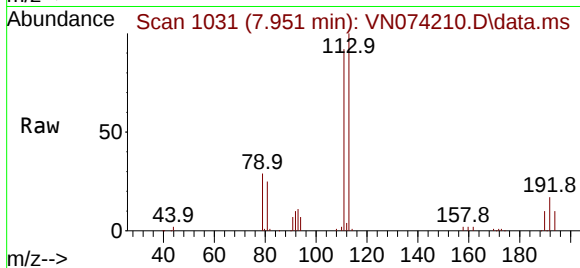
Tgt Ion:113 Resp: 125800

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 16.3 17.0 25.6#



#39

Methylcyclohexane

Concen: 1.138 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

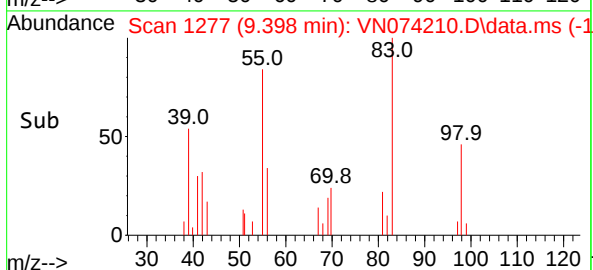
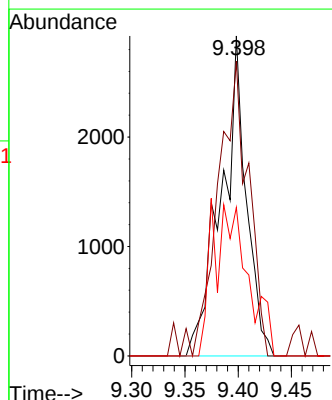
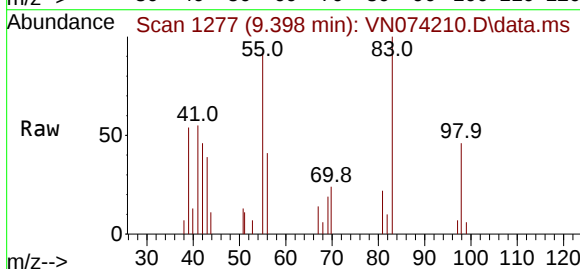
Tgt Ion: 83 Resp: 4819

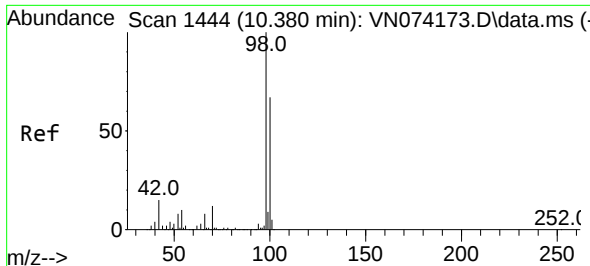
Ion Ratio Lower Upper

83 100

55 92.0 57.8 86.8#

98 46.4 39.4 59.2

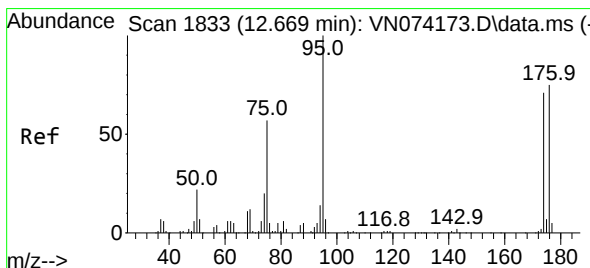
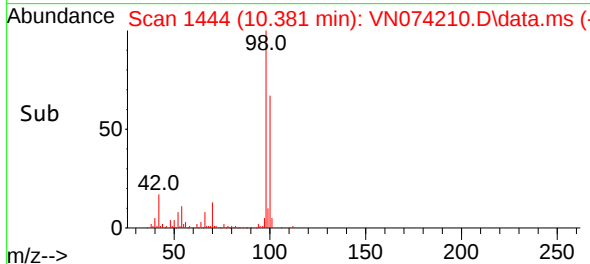
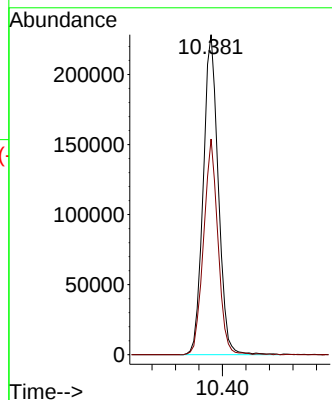
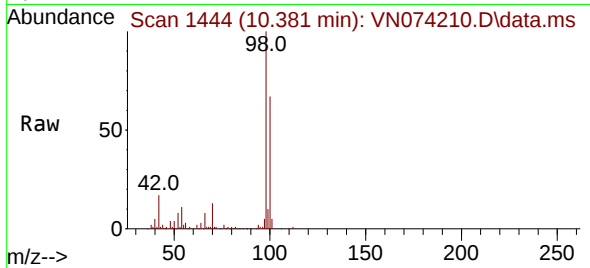




#50
Toluene-d8
Concen: 46.353 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

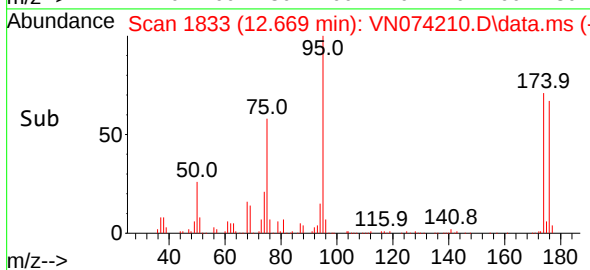
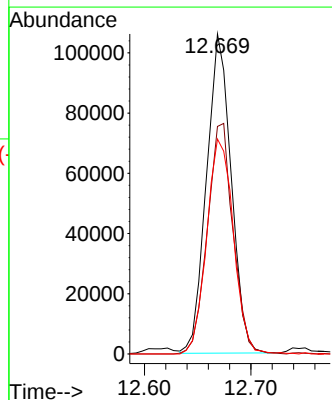
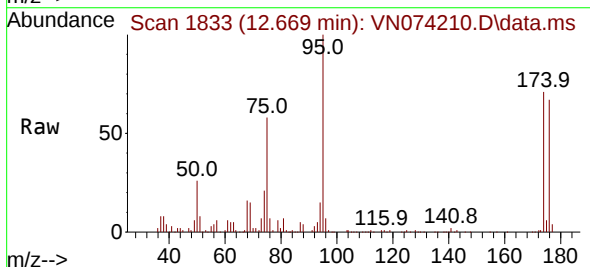
Instrument :
MSVOA_N
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AUD-1660

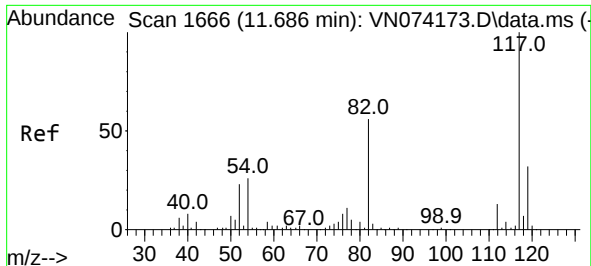
Tgt Ion: 98 Resp: 405727
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 63.974 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

Tgt Ion: 95 Resp: 170289
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 73.4 0.0 163.4

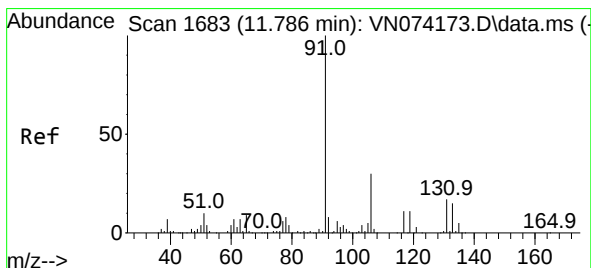
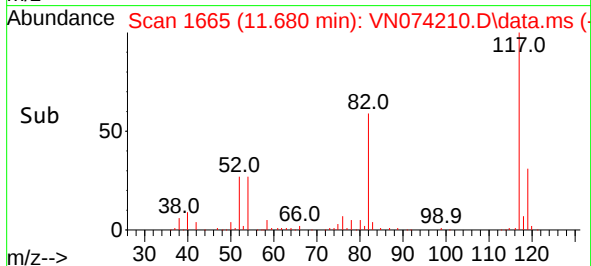
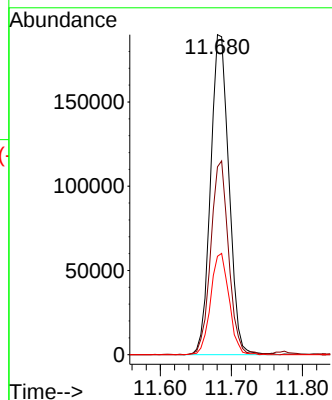
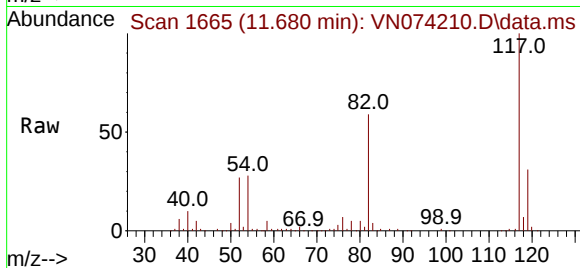




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

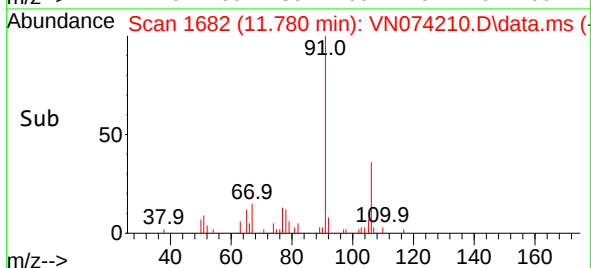
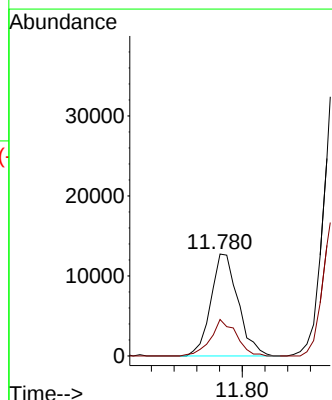
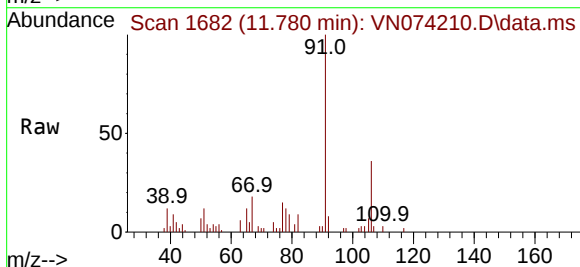
Instrument :
MSVOA_N
ClientSampleId :
AUD-1660

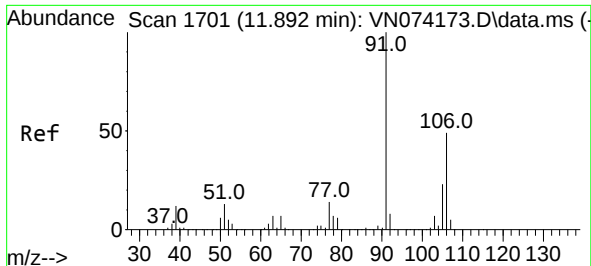
Tgt Ion:117 Resp: 340599
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 30.8 25.4 38.0



#67
Ethyl Benzene
Concen: 1.545 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

Tgt Ion: 91 Resp: 21248
Ion Ratio Lower Upper
91 100
106 35.8 24.9 37.3

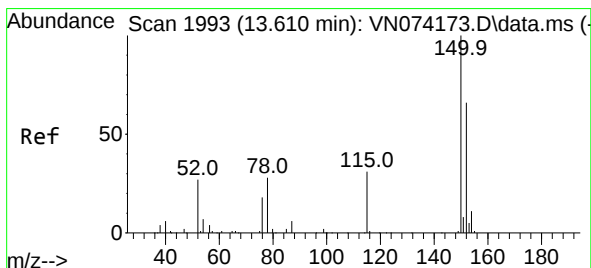
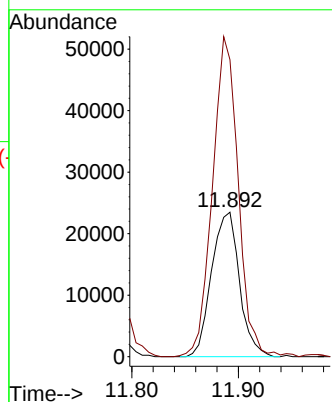
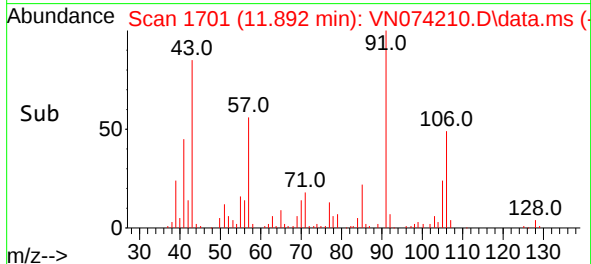
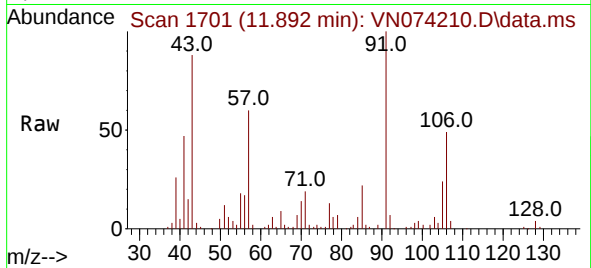




#68
m/p-Xylenes
Concen: 8.335 ug/l
RT: 11.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

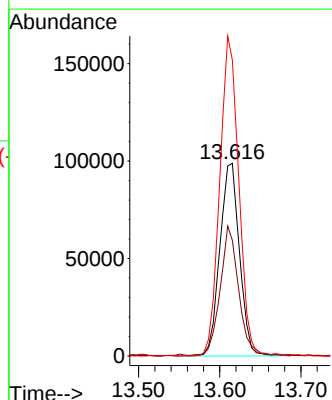
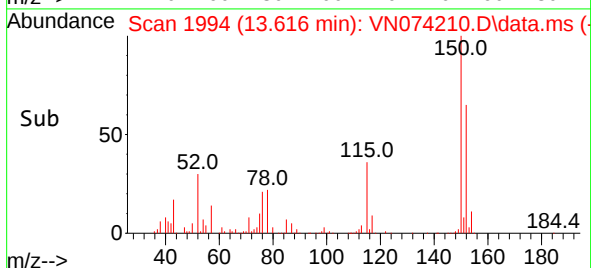
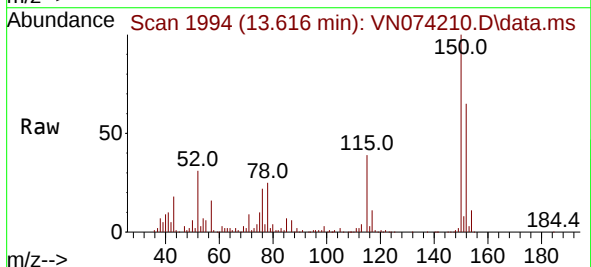
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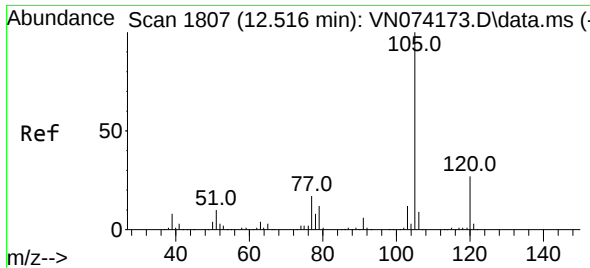
Tgt Ion:106 Resp: 42588
Ion Ratio Lower Upper
106 100
91 205.1 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

Tgt Ion:152 Resp: 166436
Ion Ratio Lower Upper
152 100
115 62.6 28.9 86.7
150 160.4 0.0 356.2

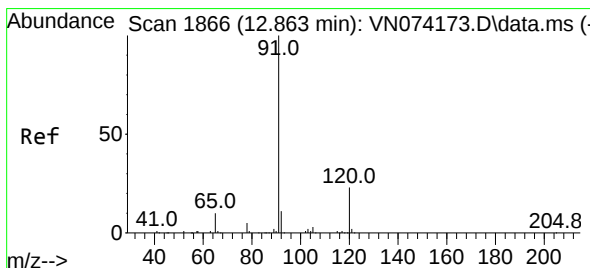
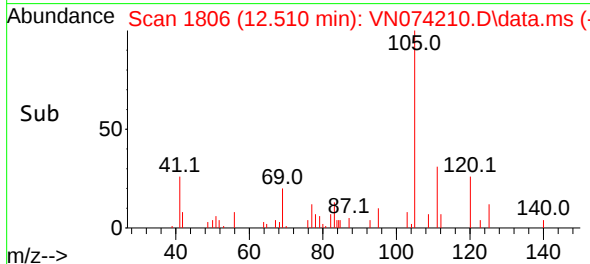
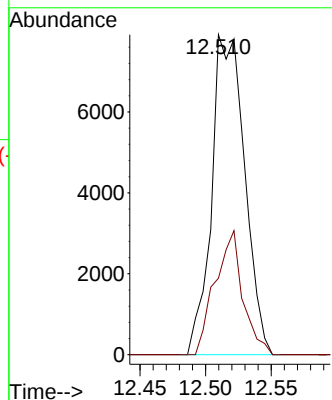
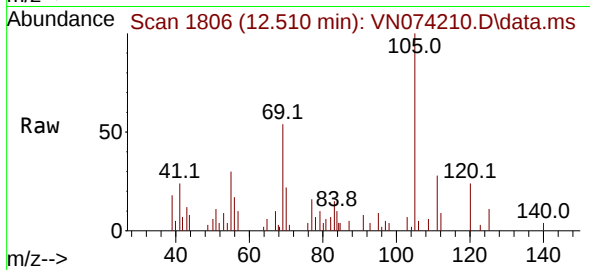




#73
Isopropylbenzene
Concen: 0.972 ug/l
RT: 12.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

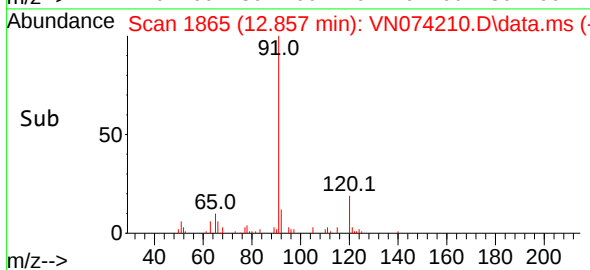
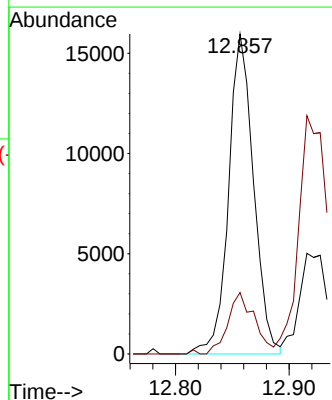
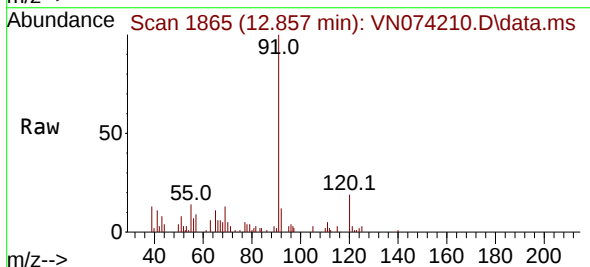
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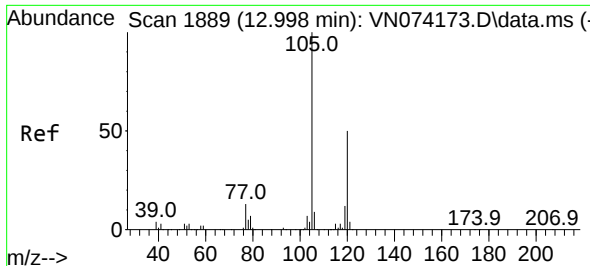
Tgt Ion:105 Resp: 13853
Ion Ratio Lower Upper
105 100
120 32.5 13.5 40.4



#78
n-propylbenzene
Concen: 1.500 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074210.D
Acq: 31 Aug 2022 13:31

Tgt Ion: 91 Resp: 24378
Ion Ratio Lower Upper
91 100
120 20.3 11.9 35.5

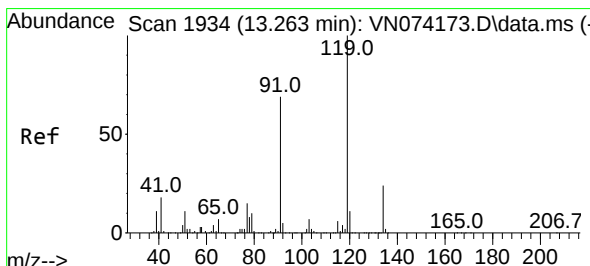
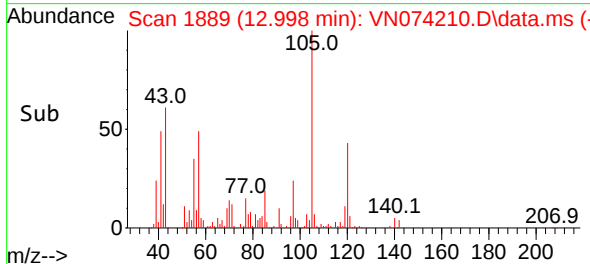
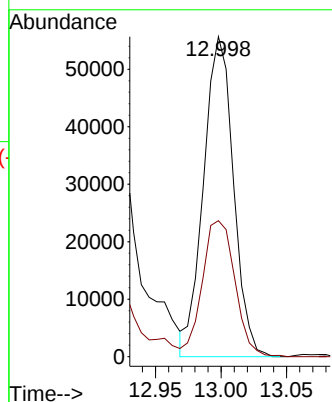
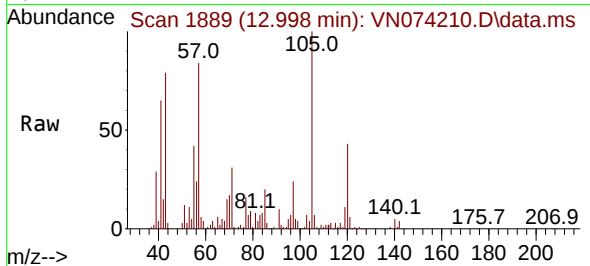




#80
 1,3,5-Trimethylbenzene
 Concen: 7.626 ug/l
 RT: 12.998 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: VN074210.D
 Acq: 31 Aug 2022 13:31

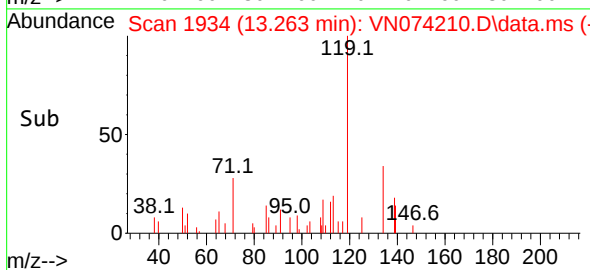
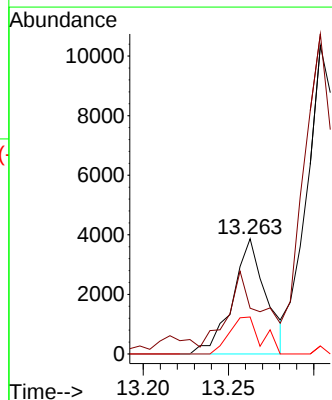
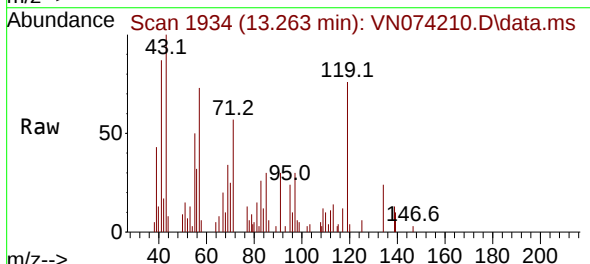
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1660

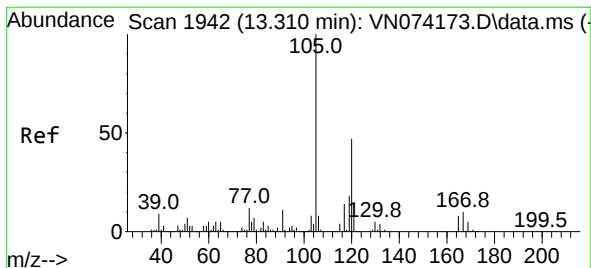
Tgt Ion:105 Resp: 88406
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.9 74.7



#83
 tert-Butylbenzene
 Concen: 0.532 ug/l
 RT: 13.263 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: VN074210.D
 Acq: 31 Aug 2022 13:31

Tgt Ion:119 Resp: 5277
 Ion Ratio Lower Upper
 119 100
 91 67.1 31.6 94.8
 134 30.4 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 11.552 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074210.D

Acq: 31 Aug 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

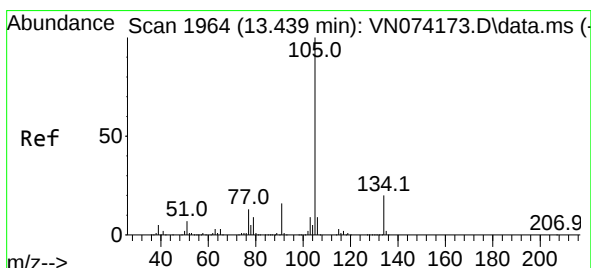
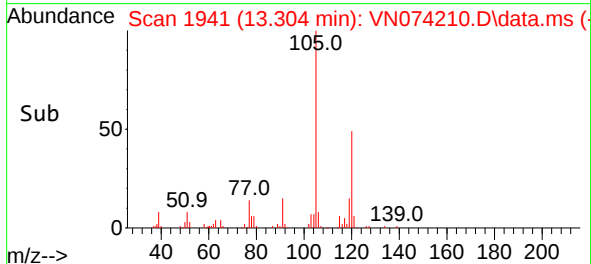
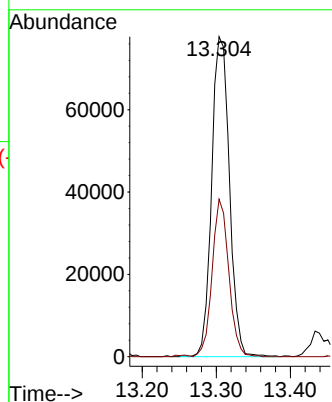
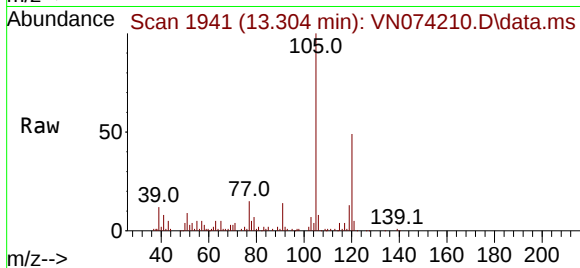
AUD-1660

Tgt Ion:105 Resp: 129239

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.743 ug/l

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN074210.D

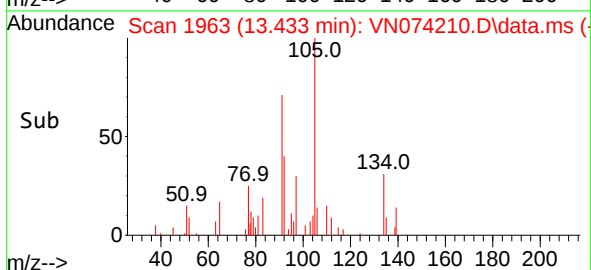
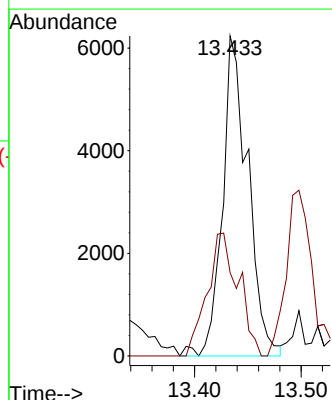
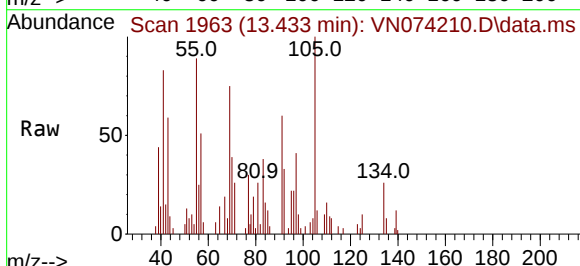
Acq: 31 Aug 2022 13:31

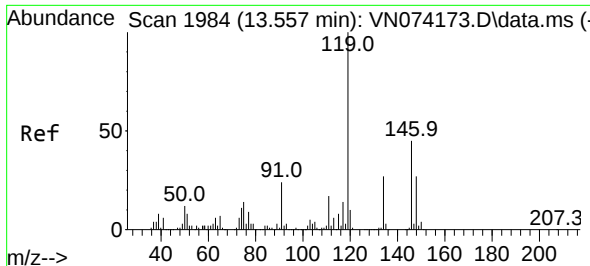
Tgt Ion:105 Resp: 10336

Ion Ratio Lower Upper

105 100

134 47.0 10.4 31.1#

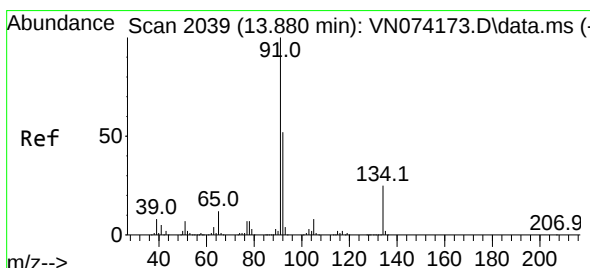
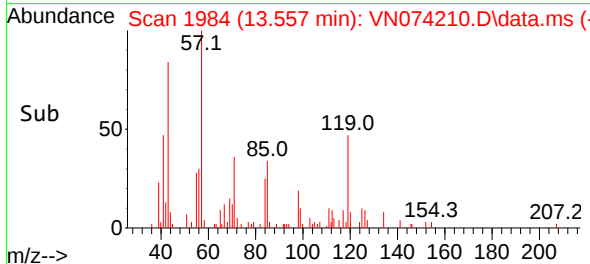
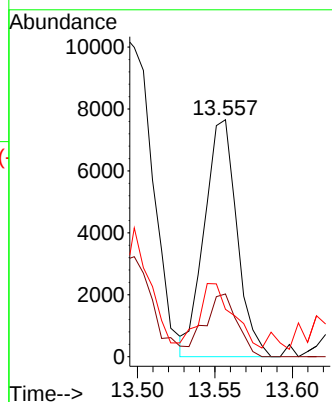
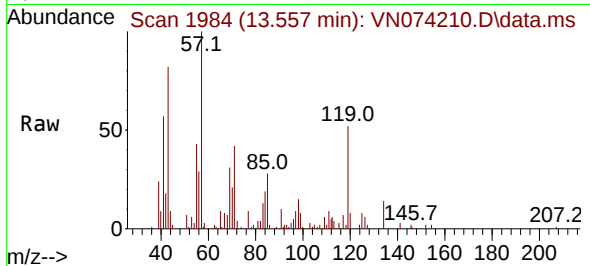




#86
 p-Isopropyltoluene
 Concen: 1.032 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074210.D
 Acq: 31 Aug 2022 13:31

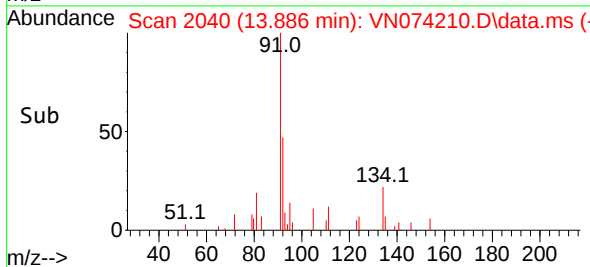
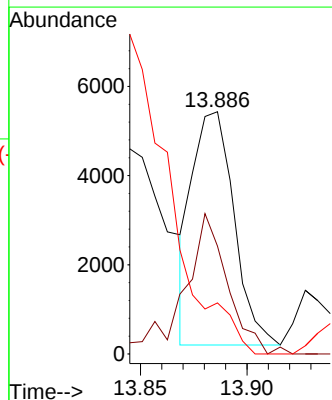
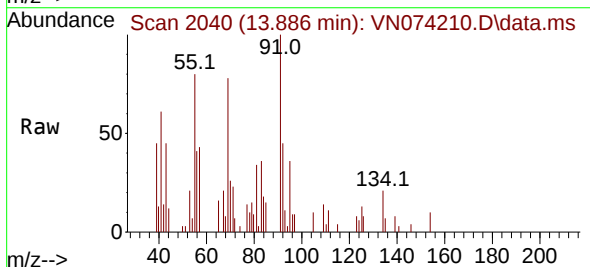
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1660

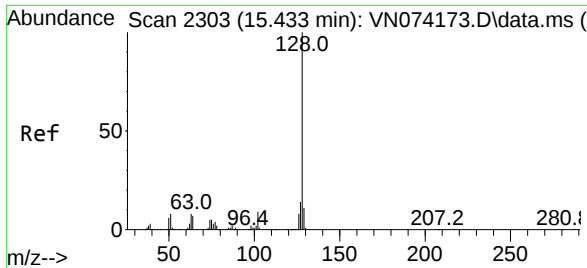
Tgt Ion:	119	Resp:	11170
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.3	39.8
91	27.6	11.3	33.9



#89
 n-Butylbenzene
 Concen: 0.752 ug/l
 RT: 13.886 min Scan# 2040
 Delta R.T. 0.006 min
 Lab File: VN074210.D
 Acq: 31 Aug 2022 13:31

Tgt Ion:	91	Resp:	7086
Ion	Ratio	Lower	Upper
91	100		
92	62.1	26.9	80.7
134	0.0	13.6	40.8#





#95

Naphthalene

Concen: 4.508 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074210.D

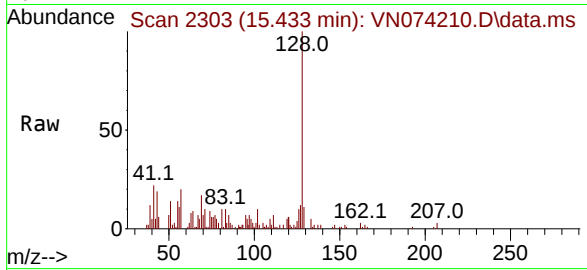
Acq: 31 Aug 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

AUD-1660



Tgt Ion:	128	Resp:	43399
Ion	Ratio	Lower	Upper
128	100		
127	17.6	10.3	15.5#
129	9.7	8.6	13.0

