

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074254.D
 Acq On : 01 Sep 2022 20:00
 Operator : JC\MD
 Sample : N4447-03 20X
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1659

Quant Time: Sep 02 05:41:36 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	222671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	404846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	414827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	213875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148069	42.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.740%
35) Dibromofluoromethane	7.951	113	122811	46.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	10.380	98	510464	49.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.668	95	211507	67.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	134.080%#

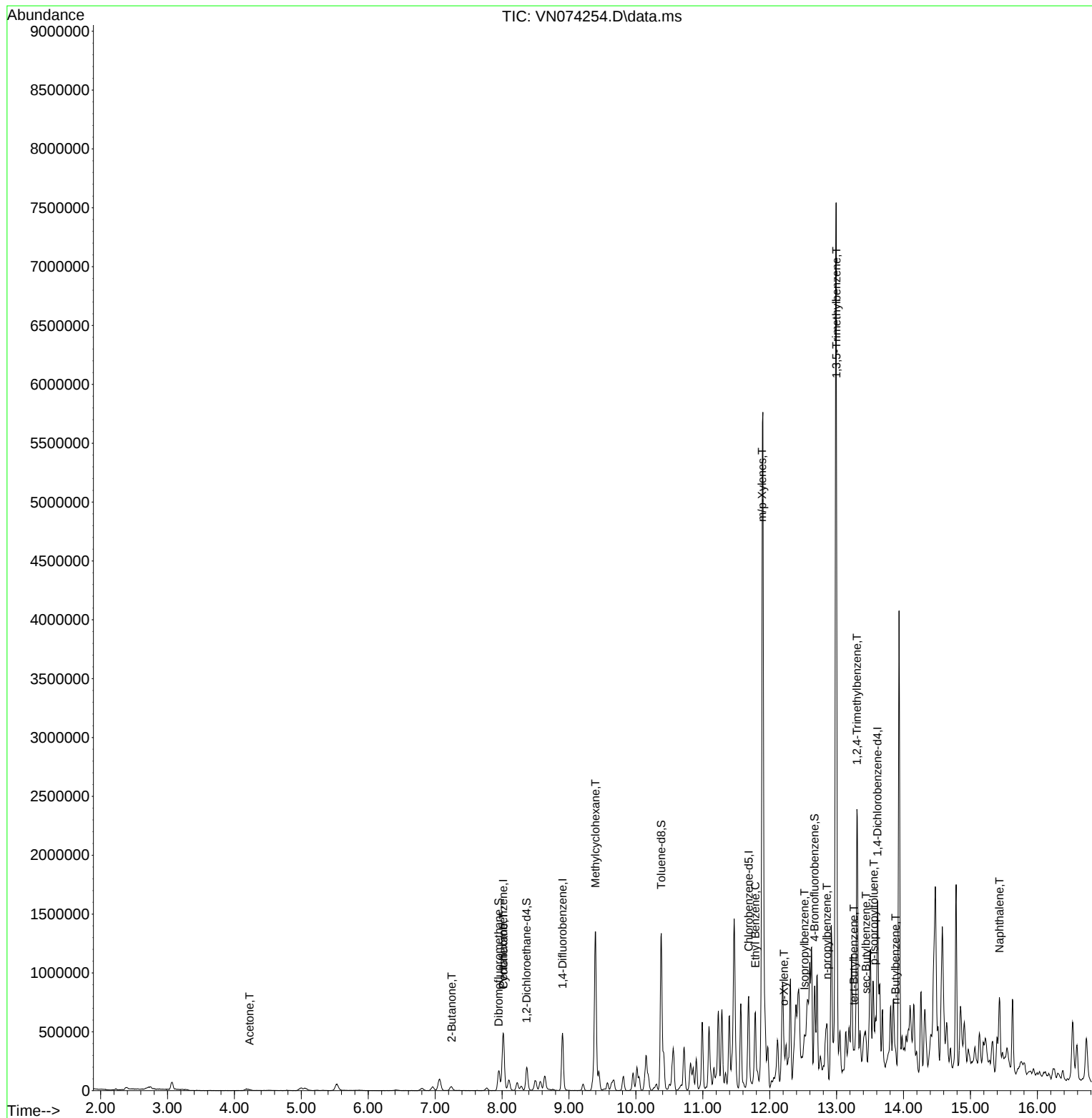
Target Compounds					Qvalue	
16) Acetone	4.228	43	21658	9.383	ug/l #	83
25) 2-Butanone	7.245	43	7192	1.948	ug/l #	45
31) Cyclohexane	8.022	56	117208	20.537	ug/l	90
39) Methylcyclohexane	9.398	83	513018	102.241	ug/l	91
67) Ethyl Benzene	11.786	91	405110	24.183	ug/l	99
68) m/p-Xylenes	11.886	106	569254	91.476	ug/l	95
69) o-Xylene	12.215	106	6729	1.085	ug/l	62
73) Isopropylbenzene	12.521	105	176831	9.654	ug/l	98
78) n-propylbenzene	12.857	91	318165	15.239	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	765329	51.377	ug/l	96
83) tert-Butylbenzene	13.257	119	42564	3.340	ug/l	90
84) 1,2,4-Trimethylbenzene	13.304	105	1161471	80.789	ug/l	98
85) sec-Butylbenzene	13.439	105	106899	5.981	ug/l #	43
86) p-Isopropyltoluene	13.557	119	109047	7.840	ug/l	97
89) n-Butylbenzene	13.880	91	82828	6.838	ug/l #	77
95) Naphthalene	15.433	128	514924	32.149	ug/l	99

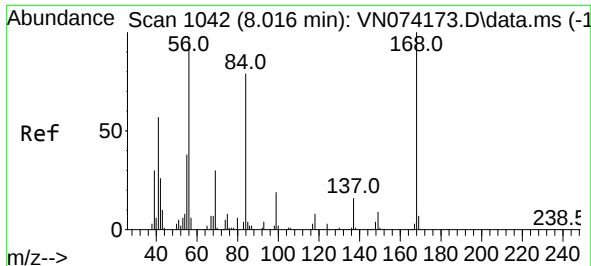
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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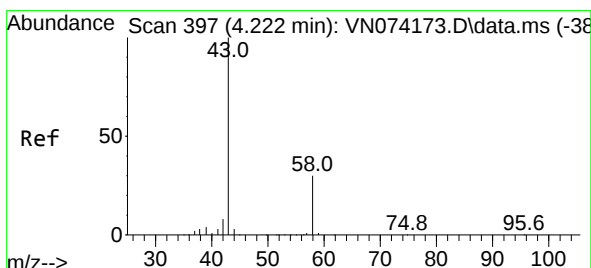
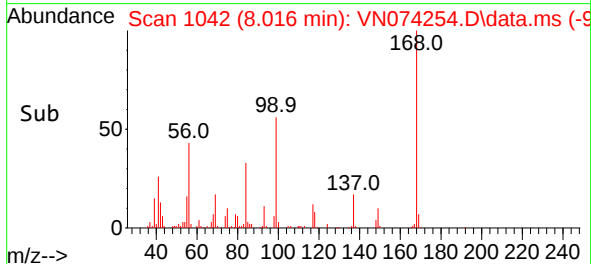
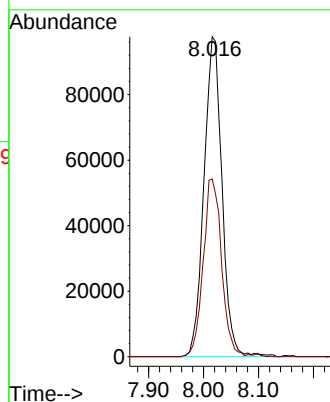
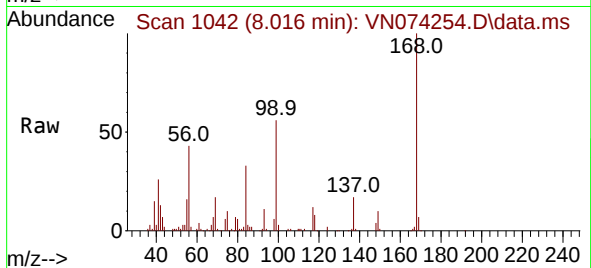




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

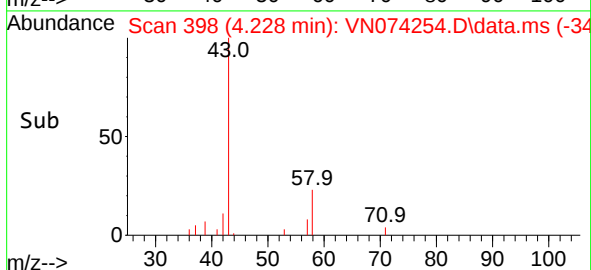
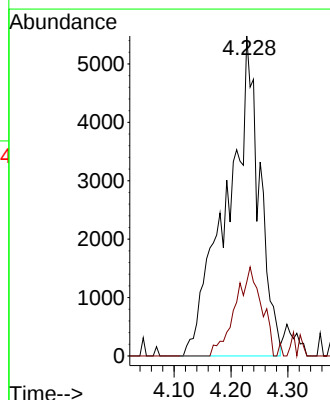
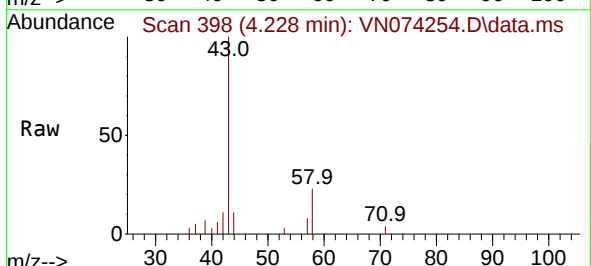
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

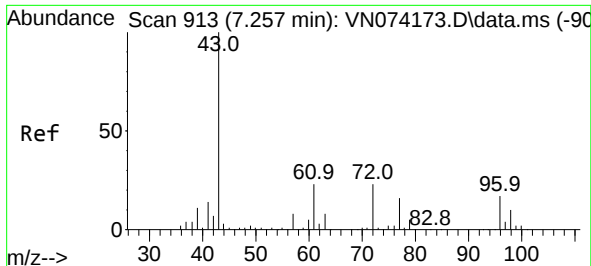
Tgt Ion:168 Resp: 222671
Ion Ratio Lower Upper
168 100
99 55.6 42.3 63.5



#16
Acetone
Concen: 9.383 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion: 43 Resp: 21658
Ion Ratio Lower Upper
43 100
58 23.1 26.0 39.0#

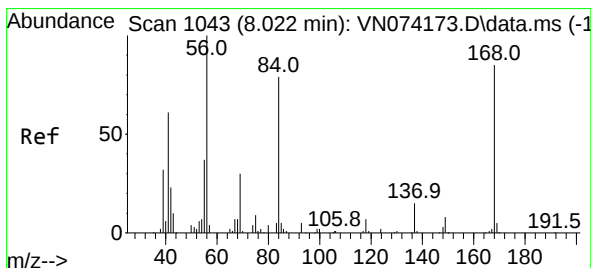
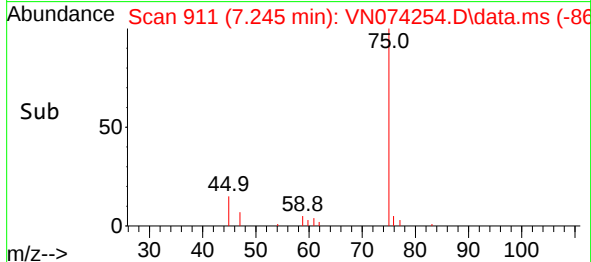
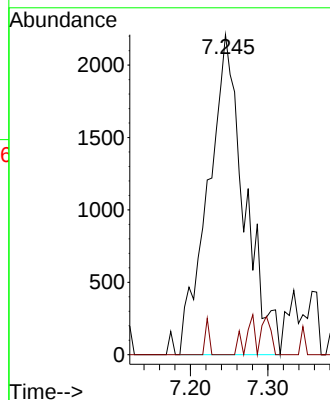
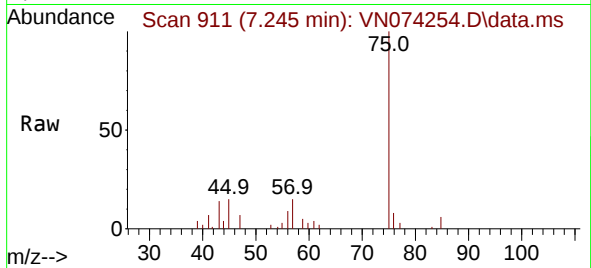




#25
2-Butanone
Concen: 1.948 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.012 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

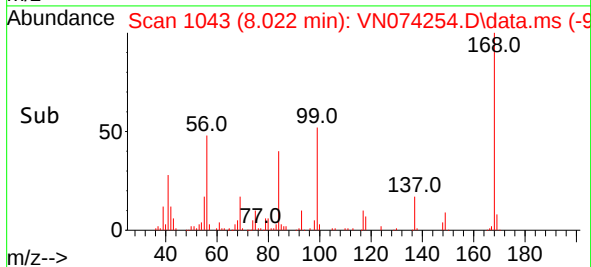
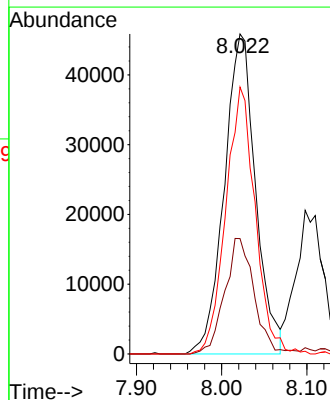
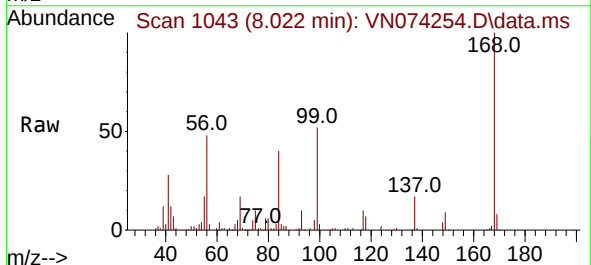
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

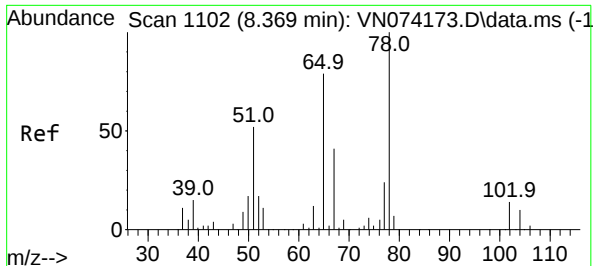
Tgt Ion: 43 Resp: 7192
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 20.537 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion: 56 Resp: 117208
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.8
84 83.4 76.9 115.3

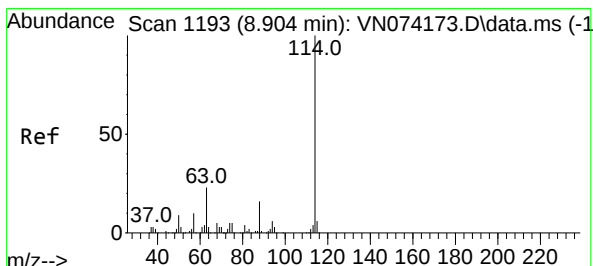
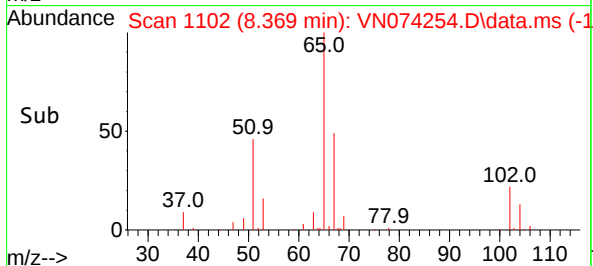
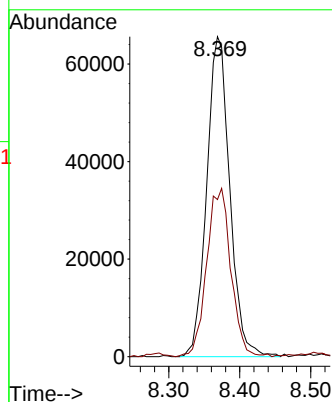
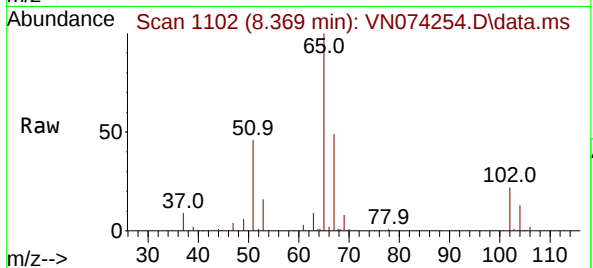




#33
1,2-Dichloroethane-d4
Concen: 42.867 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

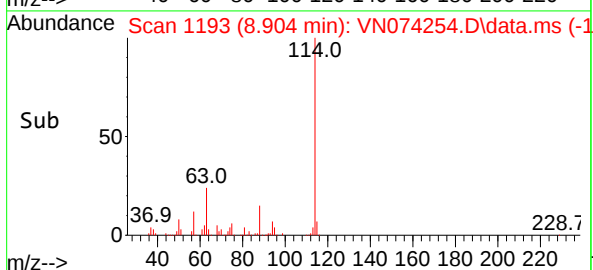
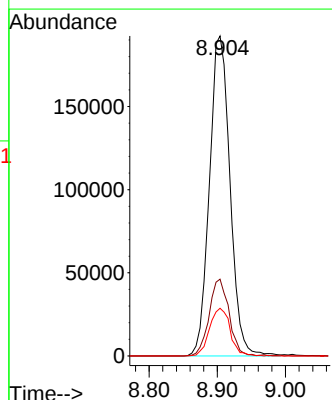
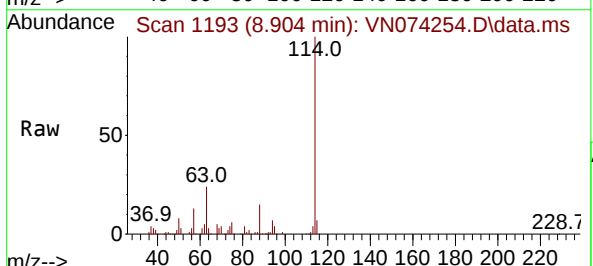
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

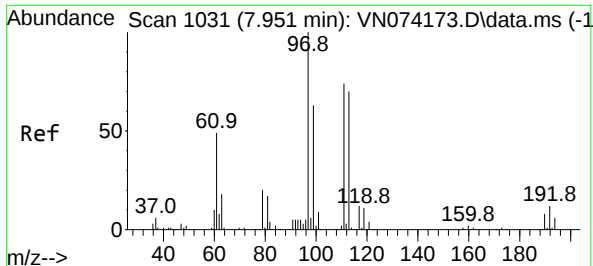
Tgt Ion: 65 Resp: 148069
Ion Ratio Lower Upper
65 100
67 55.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion: 114 Resp: 404846
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.0
88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.618 ug/l

RT: 7.951 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN074254.D

Acq: 01 Sep 2022 20:00

Instrument :

MSVOA_N

ClientSampleId :

AUD-1659

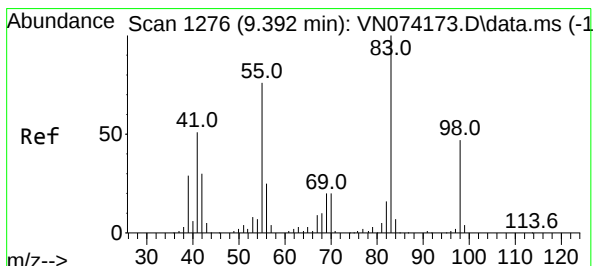
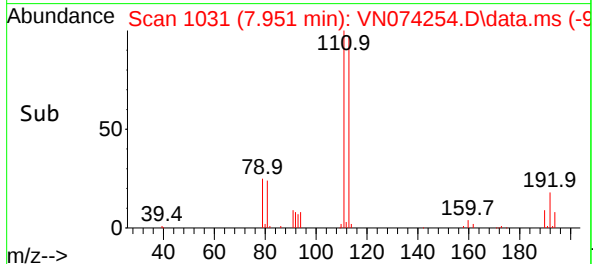
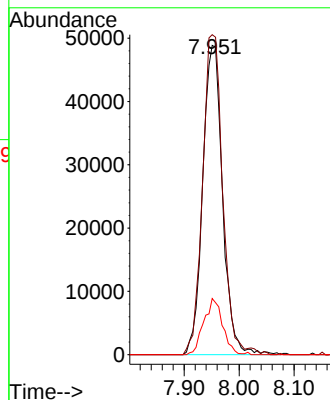
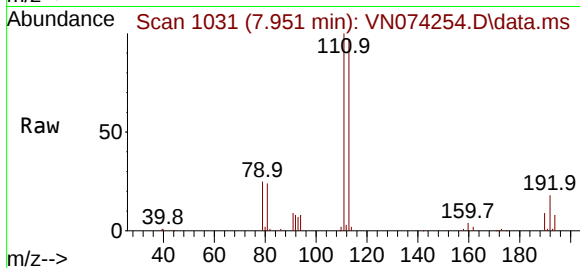
Tgt Ion:113 Resp: 122811

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 17.3 17.0 25.6



#39

Methylcyclohexane

Concen: 102.241 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074254.D

Acq: 01 Sep 2022 20:00

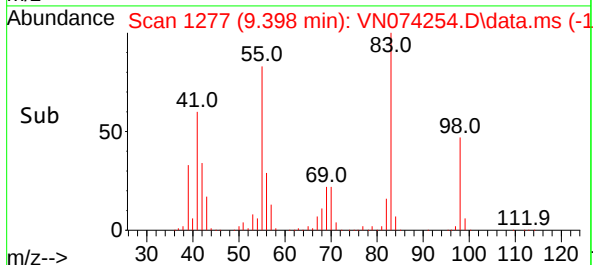
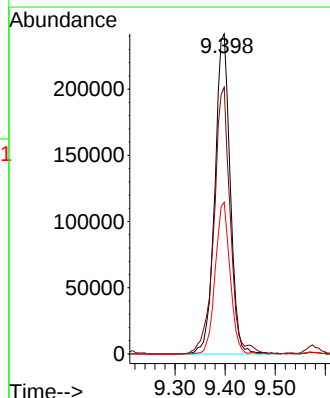
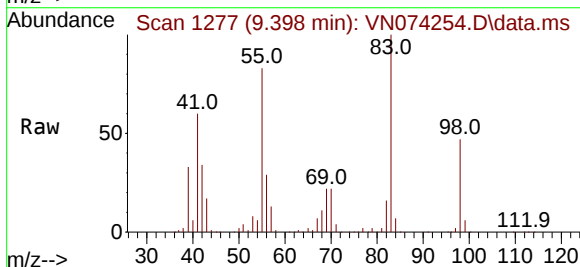
Tgt Ion: 83 Resp: 513018

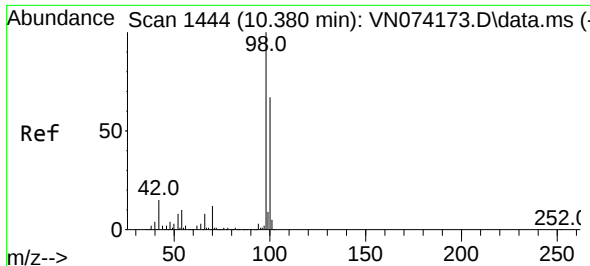
Ion Ratio Lower Upper

83 100

55 83.3 57.8 86.8

98 47.4 39.4 59.2

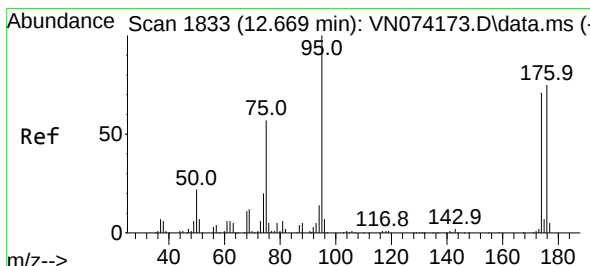
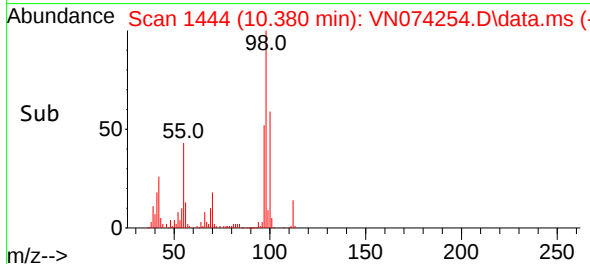
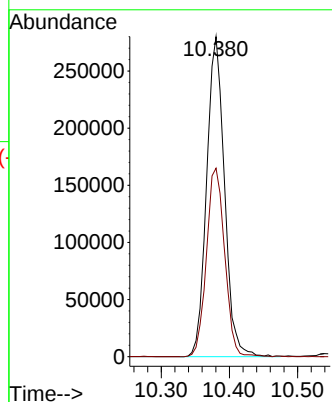
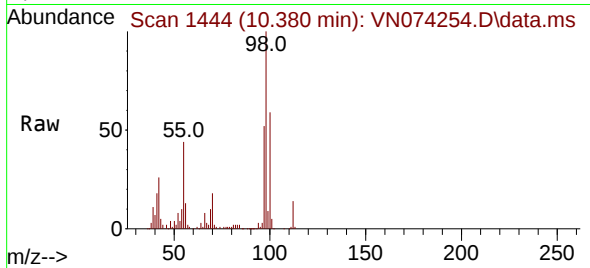




#50
Toluene-d8
Concen: 49.203 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

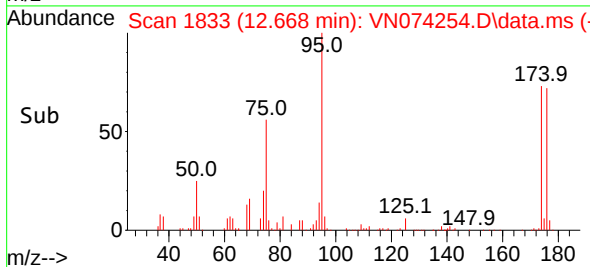
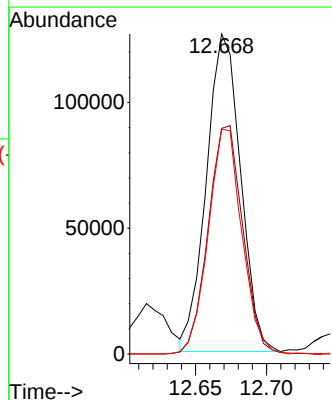
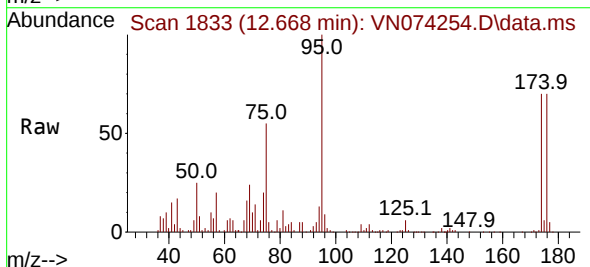
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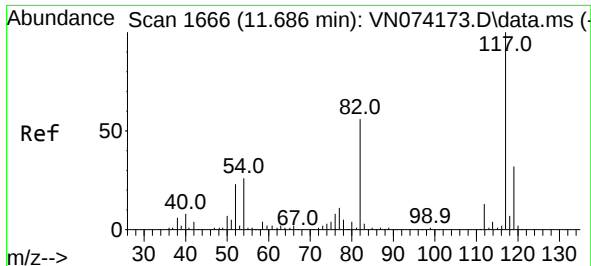
Tgt Ion: 98 Resp: 510464
Ion Ratio Lower Upper
98 100
100 60.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 67.039 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion: 95 Resp: 211507
Ion Ratio Lower Upper
95 100
174 72.6 0.0 167.6
176 69.8 0.0 163.4

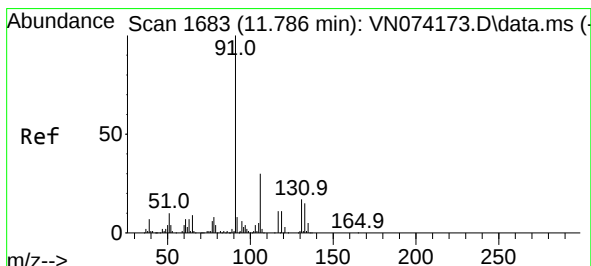
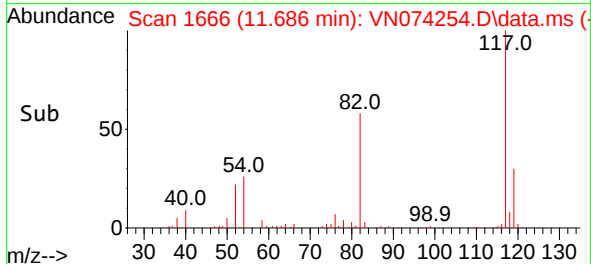
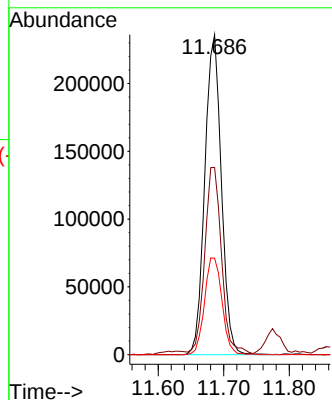
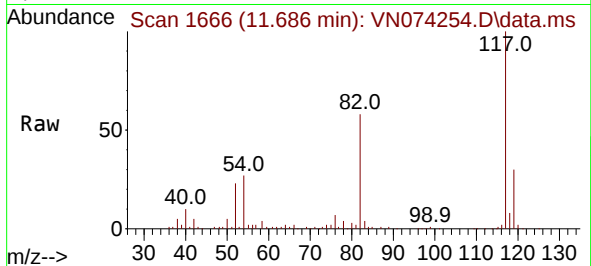




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

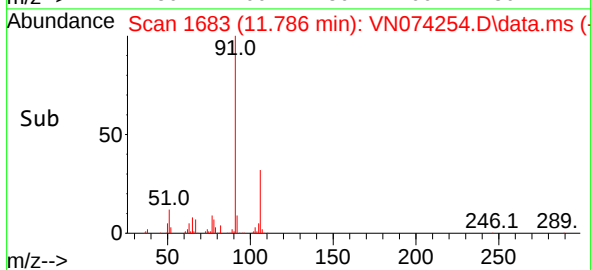
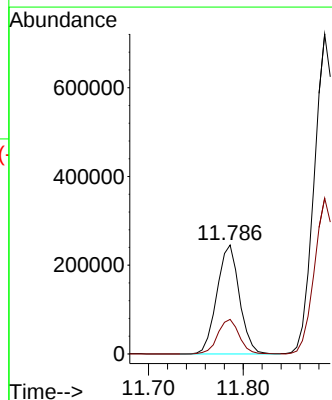
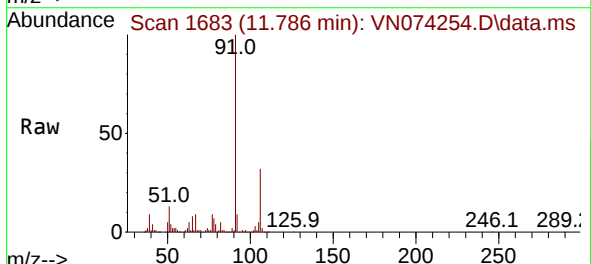
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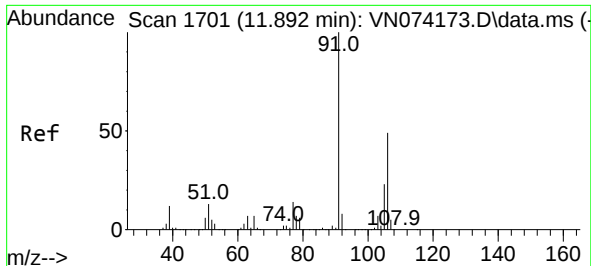
Tgt Ion:117 Resp: 414827
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 30.2 25.4 38.0



#67
Ethyl Benzene
Concen: 24.183 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion: 91 Resp: 405110
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

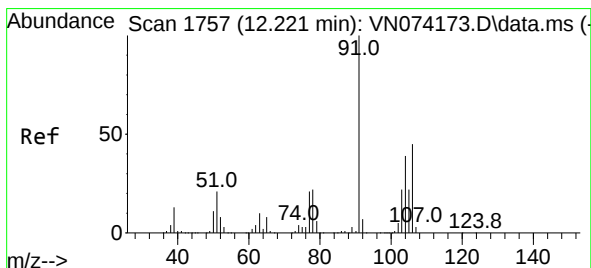
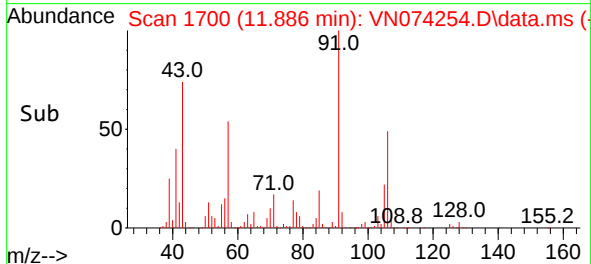
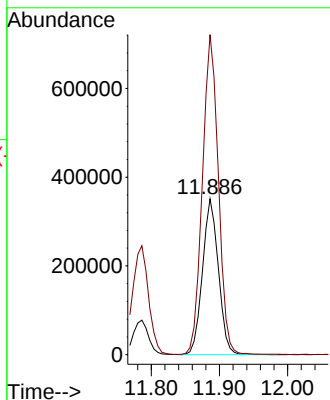
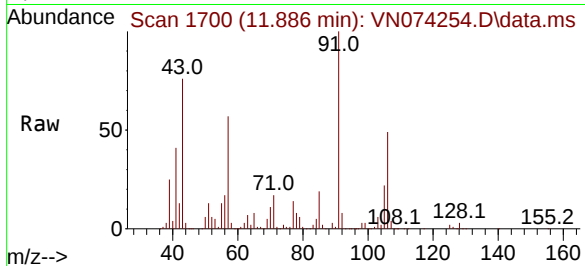




#68
m/p-Xylenes
Concen: 91.476 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

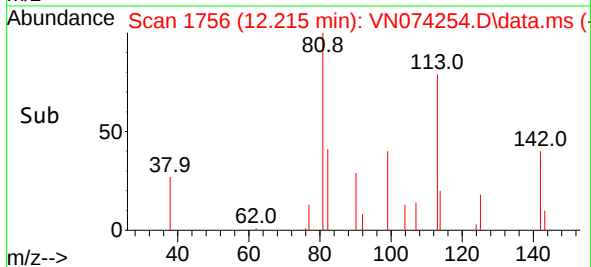
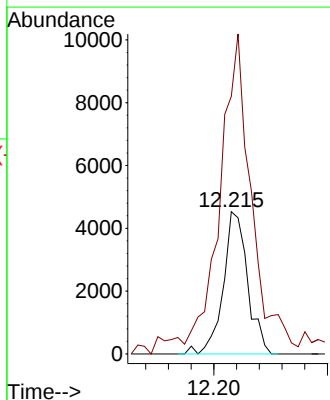
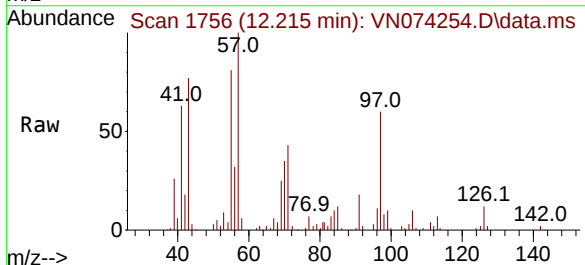
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

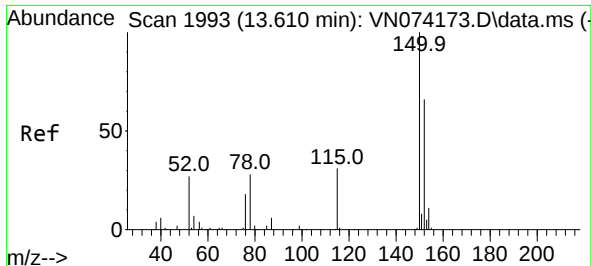
Tgt Ion:106 Resp: 569254
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3



#69
o-Xylene
Concen: 1.085 ug/l
RT: 12.215 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion:106 Resp: 6729
Ion Ratio Lower Upper
106 100
91 271.3 106.0 318.0

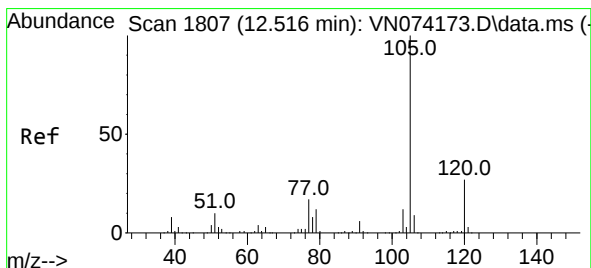
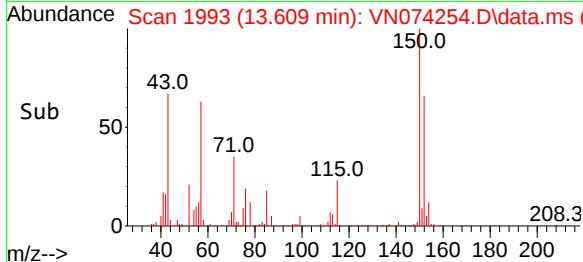
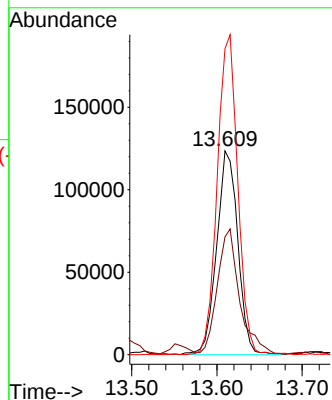
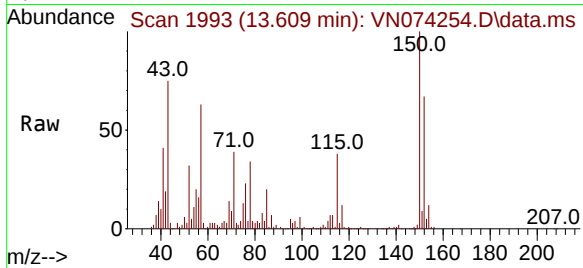




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

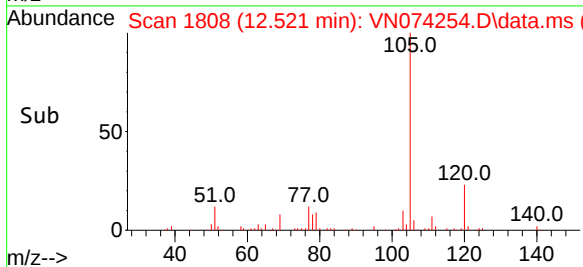
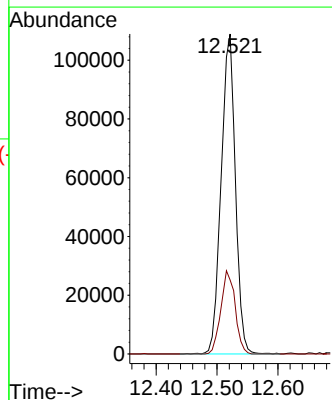
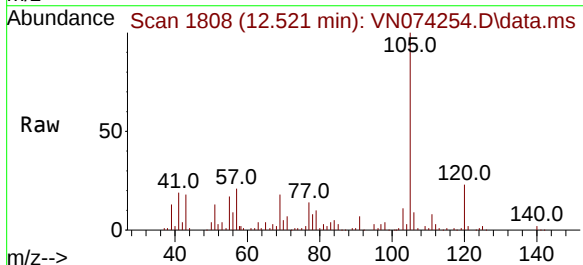
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

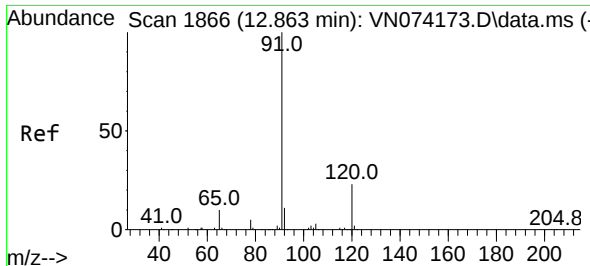
Tgt Ion:152 Resp: 213875
Ion Ratio Lower Upper
152 100
115 64.6 28.9 86.7
150 151.9 0.0 356.2



#73
Isopropylbenzene
Concen: 9.654 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion:105 Resp: 176831
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

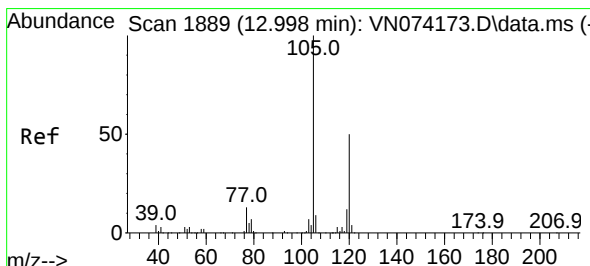
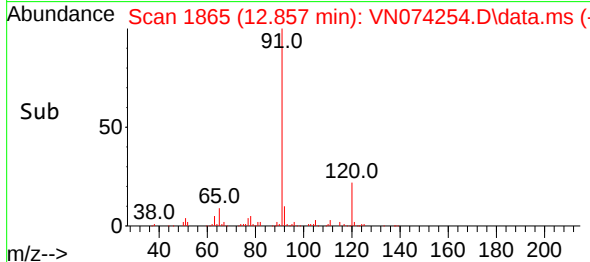
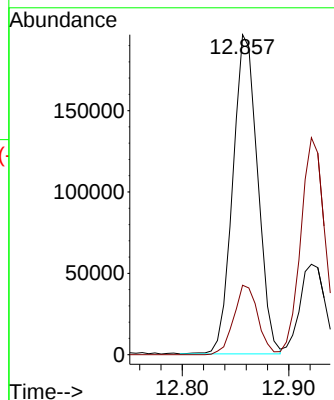
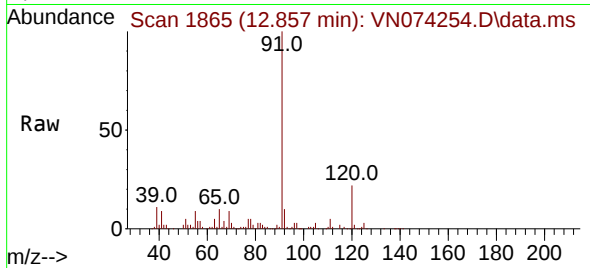




#78
n-propylbenzene
Concen: 15.239 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

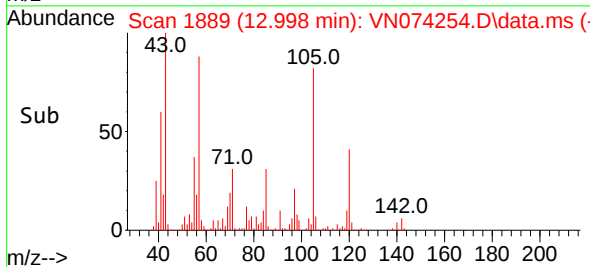
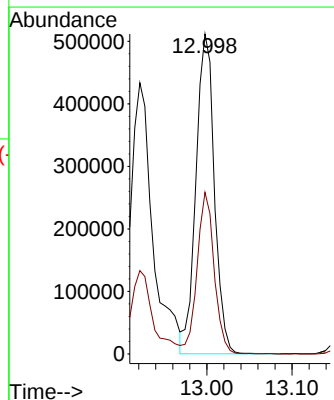
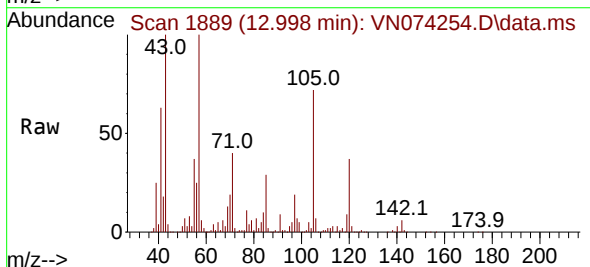
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

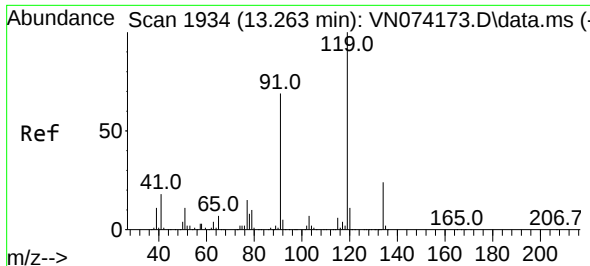
Tgt Ion: 91 Resp: 318165
Ion Ratio Lower Upper
91 100
120 21.0 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 51.377 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion: 105 Resp: 765329
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7

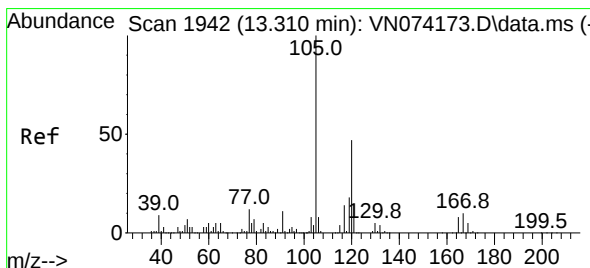
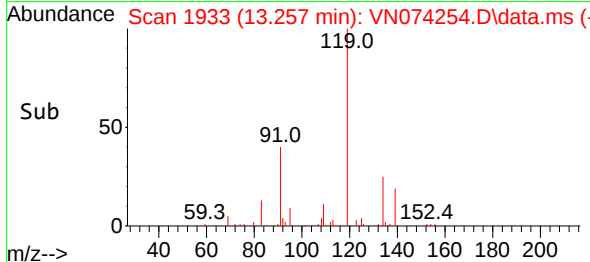
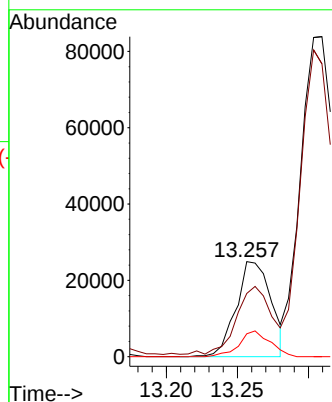
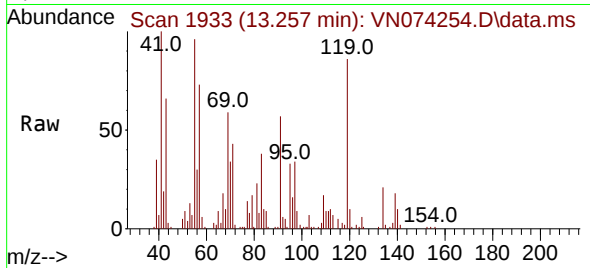




#83
tert-Butylbenzene
Concen: 3.340 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

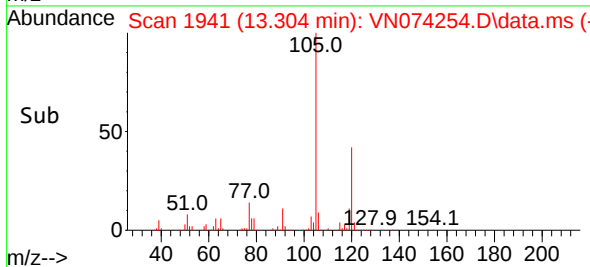
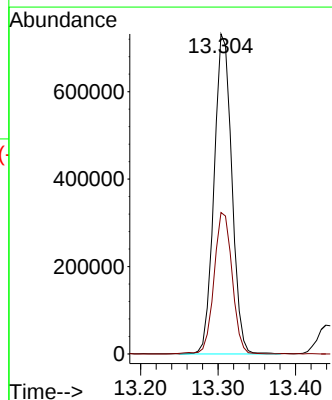
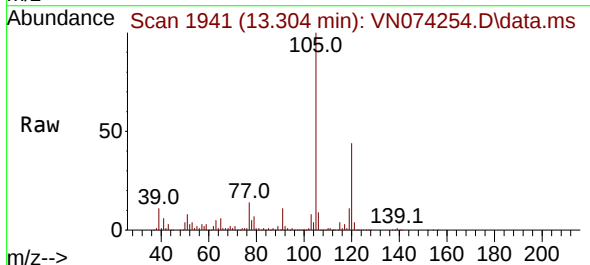
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

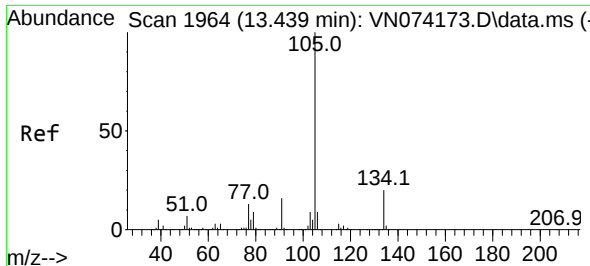
Tgt Ion:119 Resp: 42564
Ion Ratio Lower Upper
119 100
91 72.0 31.6 94.8
134 24.0 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 80.789 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion:105 Resp: 1161471
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8

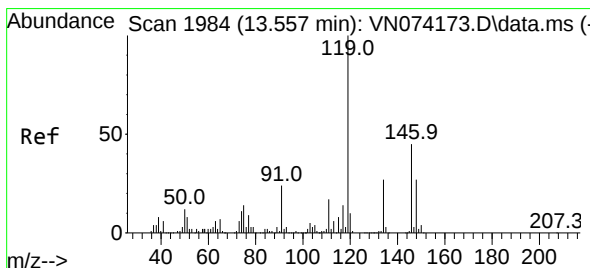
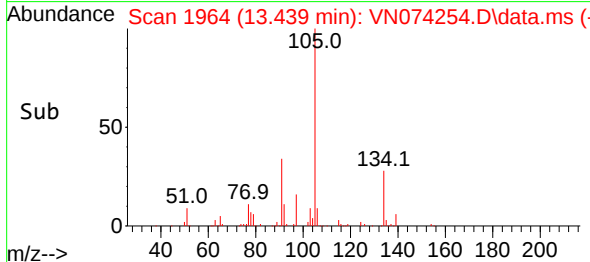
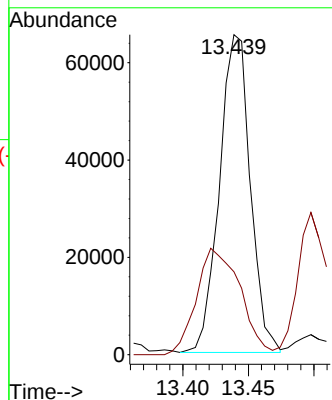
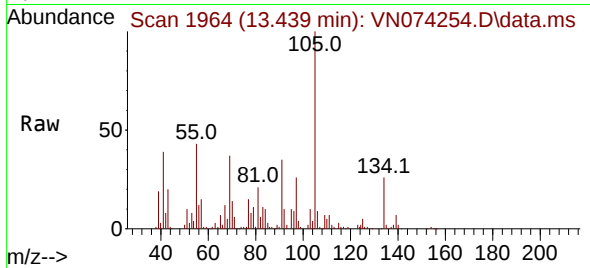




#85
 sec-Butylbenzene
 Concen: 5.981 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074254.D
 Acq: 01 Sep 2022 20:00

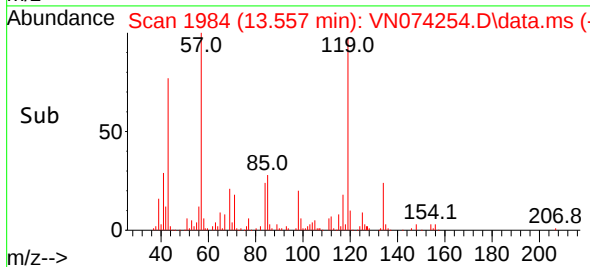
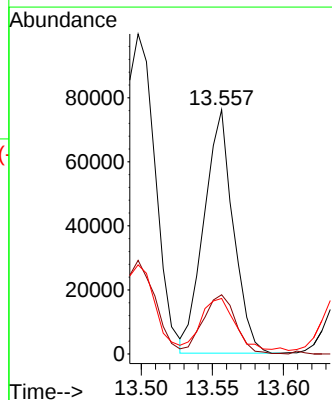
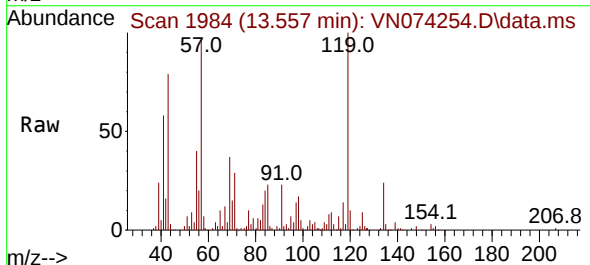
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1659

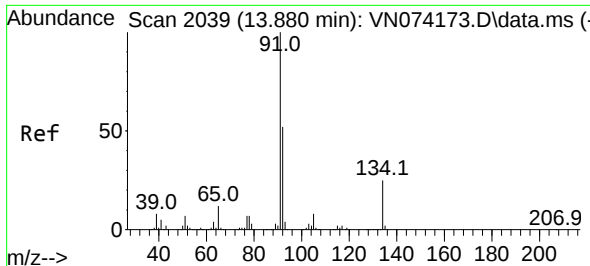
Tgt Ion:105 Resp: 106899
 Ion Ratio Lower Upper
 105 100
 134 47.2 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 7.840 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074254.D
 Acq: 01 Sep 2022 20:00

Tgt Ion:119 Resp: 109047
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 24.8 11.3 33.9

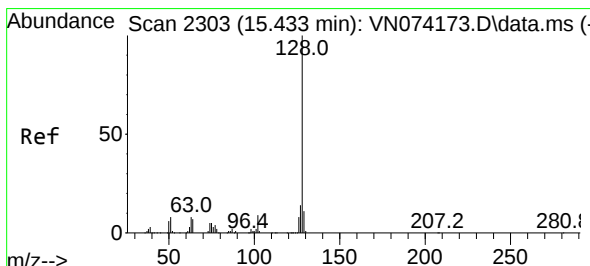
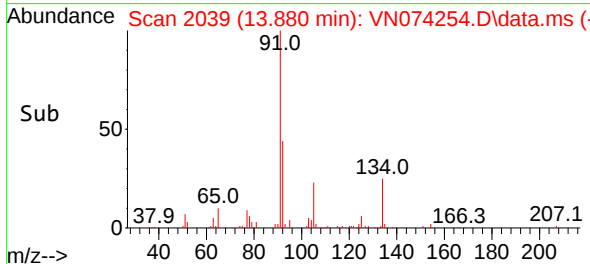
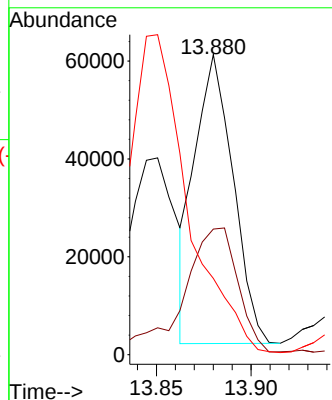
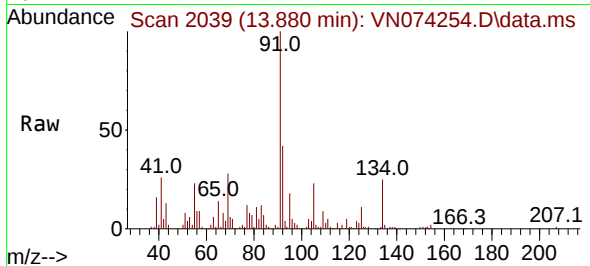




#89
n-Butylbenzene
Concen: 6.838 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Instrument :
MSVOA_N
ClientSampleId :
AUD-1659

Tgt Ion: 91 Resp: 82828
Ion Ratio Lower Upper
91 100
92 60.1 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 32.149 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN074254.D
Acq: 01 Sep 2022 20:00

Tgt Ion: 128 Resp: 514924
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.0 8.6 13.0

