

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073290.D
 Acq On : 01 Jul 2022 12:20
 Operator : JC\MD
 Sample : N3524-03 20X
 Misc : 5.10g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

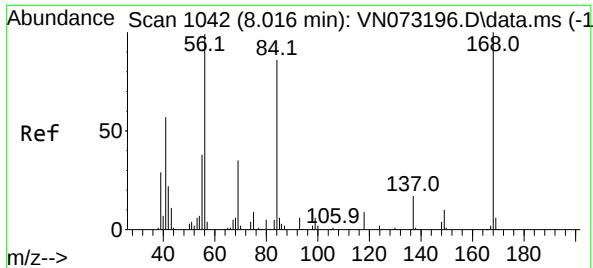
Instrument :
 MSVOA_N
 ClientSampleId :
 31493

Quant Time: Jul 01 16:17:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	307620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	507869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	479348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	252708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193266	43.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.040%		
35) Dibromofluoromethane	7.951	113	157210	46.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	10.381	98	538358	44.860	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.720%		
62) 4-Bromofluorobenzene	12.669	95	246461	53.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.880%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.398	83	21832	3.373	ug/l	91
40) Benzene	8.386	78	88614	5.523	ug/l	94
52) Toluene	10.439	92	173800	17.527	ug/l	99
67) Ethyl Benzene	11.780	91	192867	9.799	ug/l	97
68) m/p-Xylenes	11.886	106	282114	37.981	ug/l	96
69) o-Xylene	12.216	106	139326	18.374	ug/l	95
73) Isopropylbenzene	12.516	105	42860	1.964	ug/l	99
78) n-propylbenzene	12.863	91	126022	5.198	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	203425	11.437	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	738220	41.570	ug/l	100
89) n-Butylbenzene	13.880	91	38585	2.677	ug/l #	74
95) Naphthalene	15.433	128	642625	32.995	ug/l	98

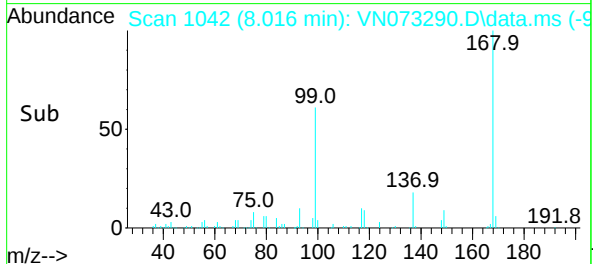
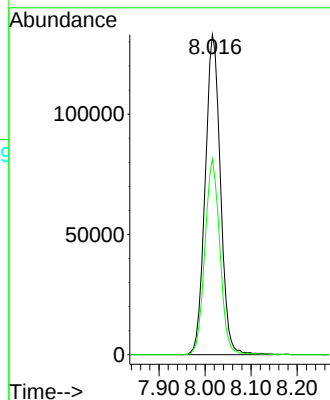
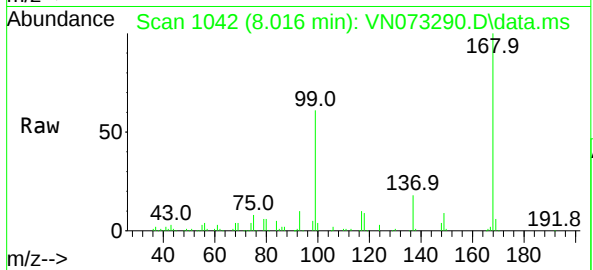
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

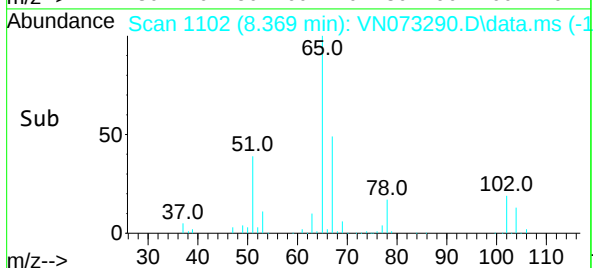
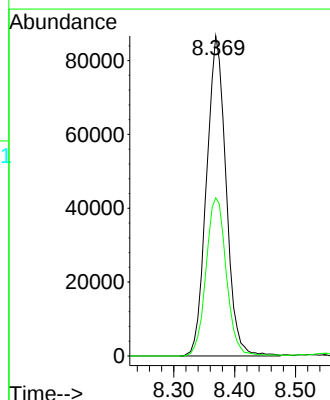
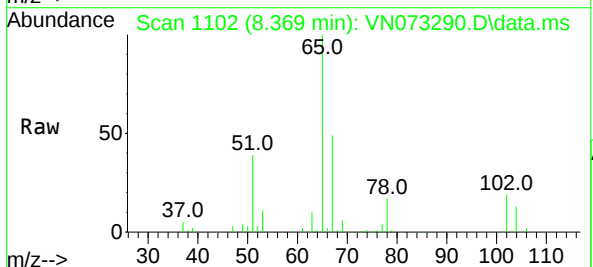
Instrument :
MSVOA_N
ClientSampleId :
31493

Tgt Ion:168 Resp: 307620
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.520 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

Tgt Ion: 65 Resp: 193266
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073290.D

Acq: 01 Jul 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

31493

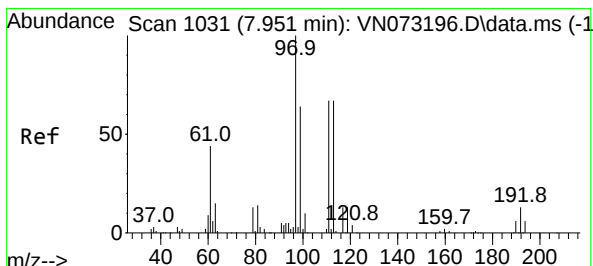
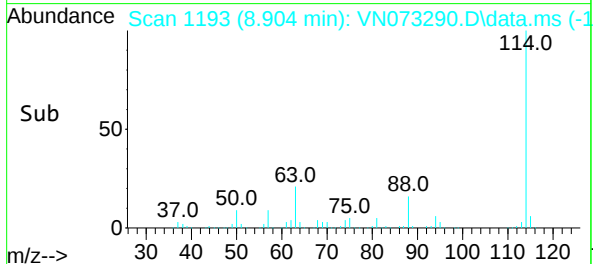
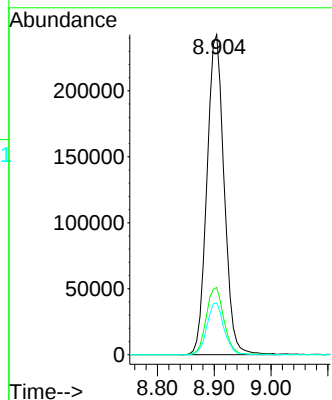
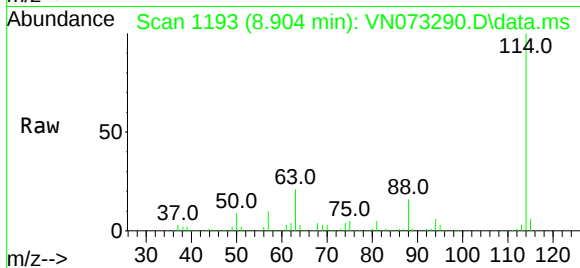
Tgt Ion:114 Resp: 507869

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.527 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073290.D

Acq: 01 Jul 2022 12:20

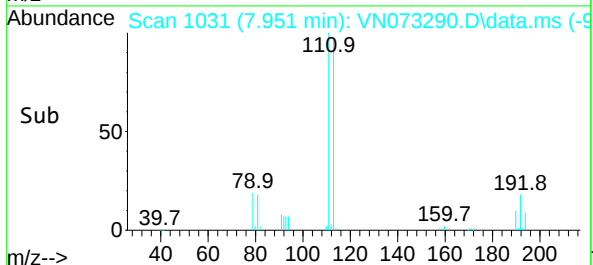
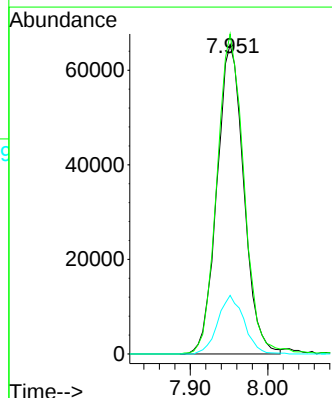
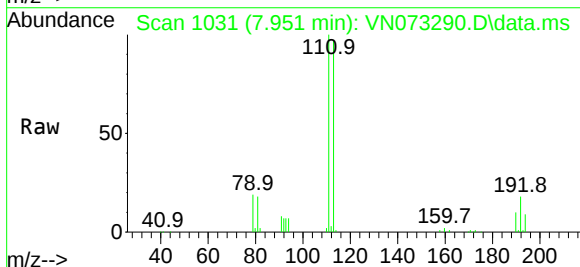
Tgt Ion:113 Resp: 157210

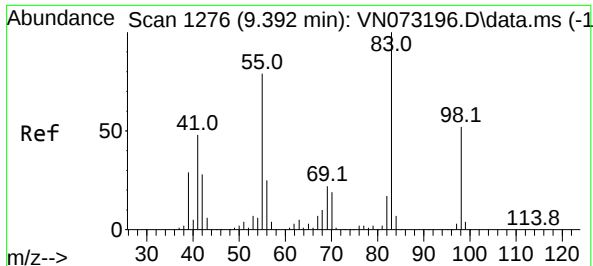
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 18.6 17.0 25.6





#39

Methylcyclohexane

Concen: 3.373 ug/l

RT: 9.398 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN073290.D

Acq: 01 Jul 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

31493

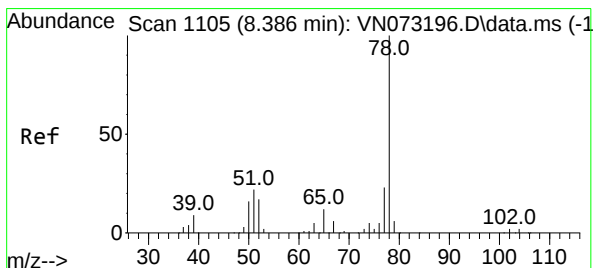
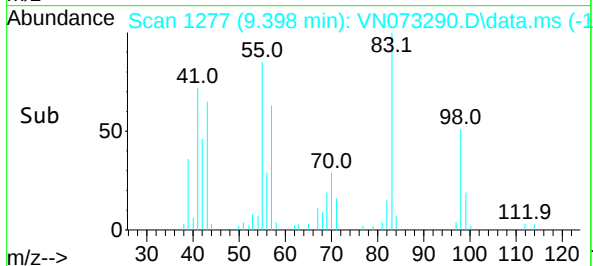
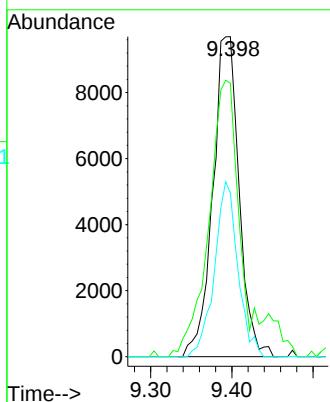
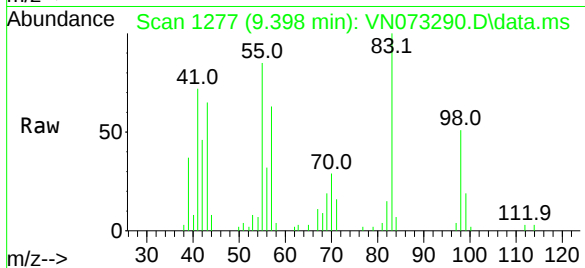
Tgt Ion: 83 Resp: 21832

Ion Ratio Lower Upper

83 100

55 83.9 57.8 86.8

98 51.2 39.4 59.2



#40

Benzene

Concen: 5.523 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VN073290.D

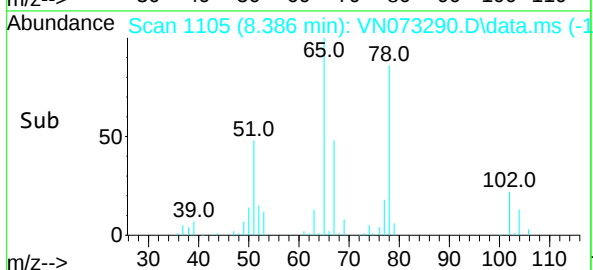
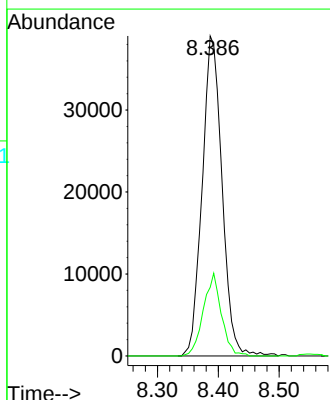
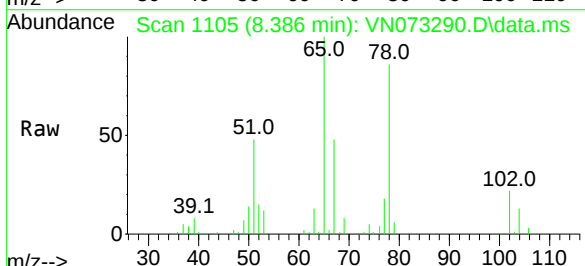
Acq: 01 Jul 2022 12:20

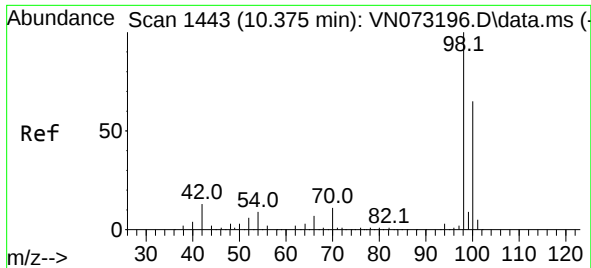
Tgt Ion: 78 Resp: 88614

Ion Ratio Lower Upper

78 100

77 21.4 19.4 29.0

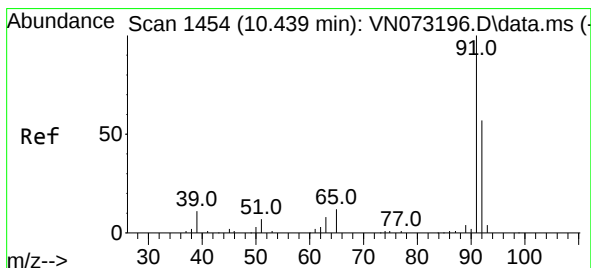
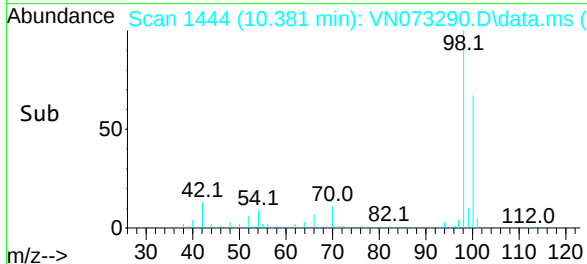
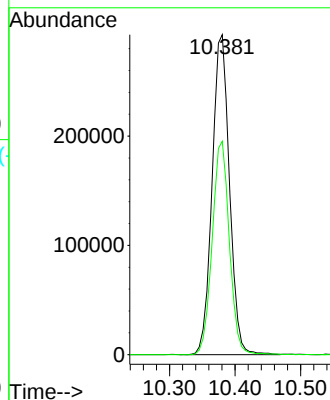
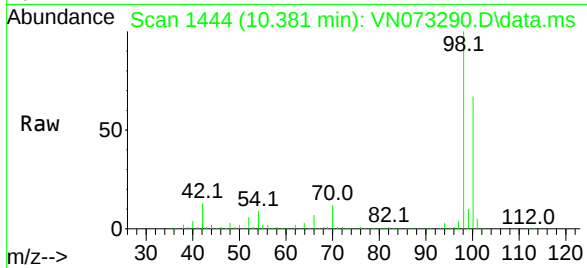




#50
Toluene-d8
Concen: 44.860 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

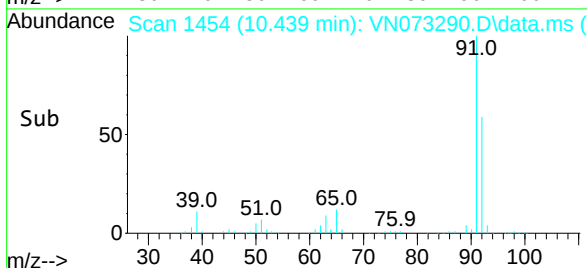
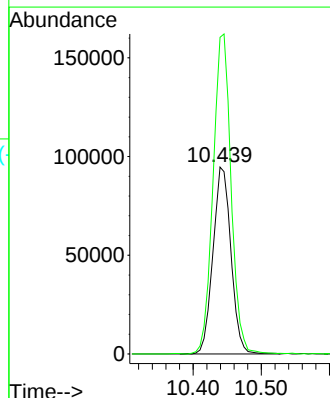
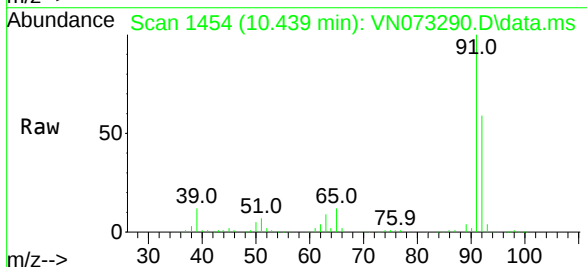
Instrument :
MSVOA_N
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31493

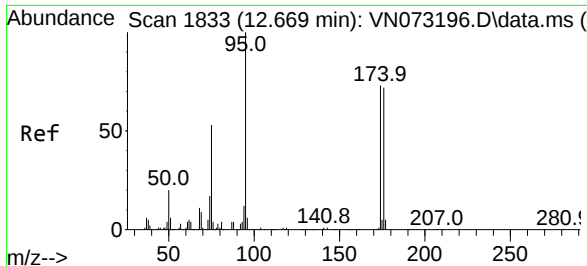
Tgt Ion: 98 Resp: 538358
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#52
Toluene
Concen: 17.527 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

Tgt Ion: 92 Resp: 173800
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8

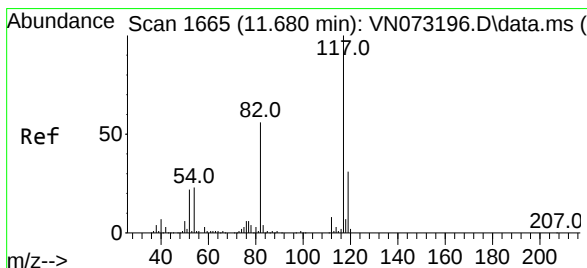
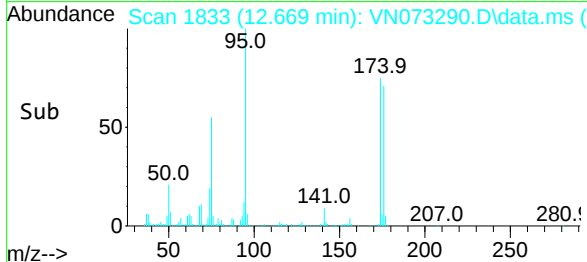
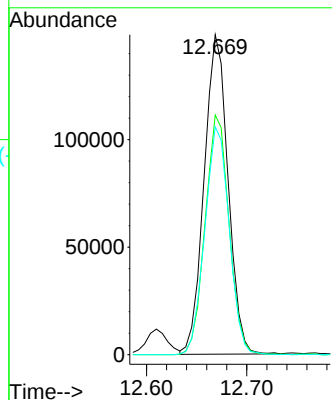
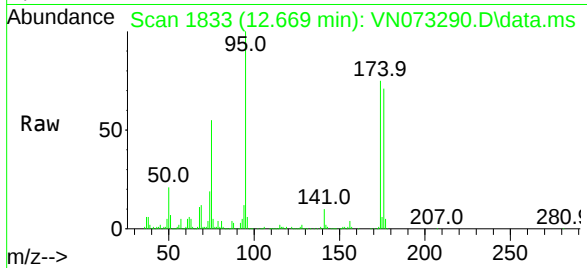




#62
4-Bromofluorobenzene
Concen: 53.441 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

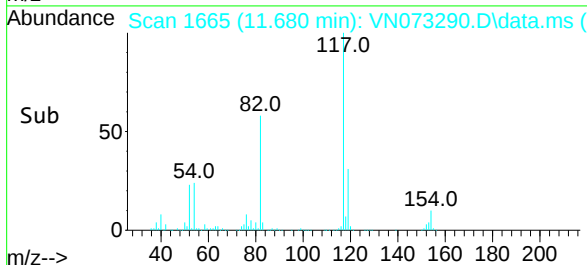
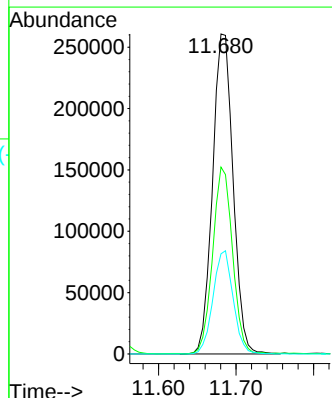
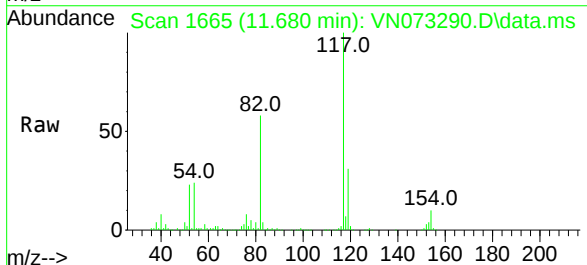
Instrument :
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ClientSampleId :
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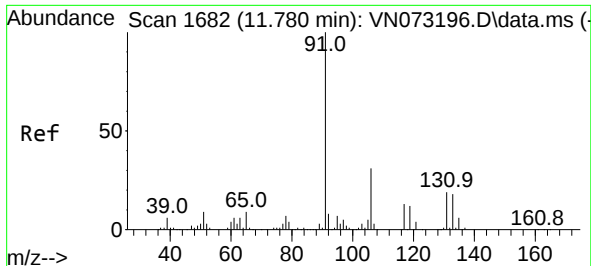
Tgt Ion: 95 Resp: 246461
Ion Ratio Lower Upper
95 100
174 75.2 0.0 167.6
176 72.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

Tgt Ion: 117 Resp: 479348
Ion Ratio Lower Upper
117 100
82 58.3 44.2 66.2
119 31.3 25.4 38.0

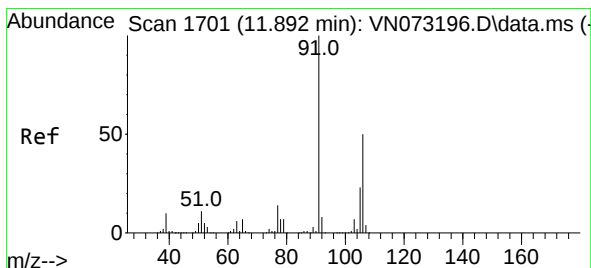
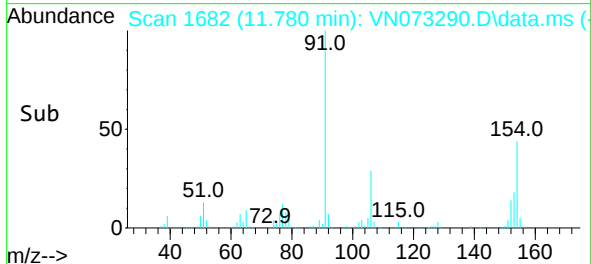
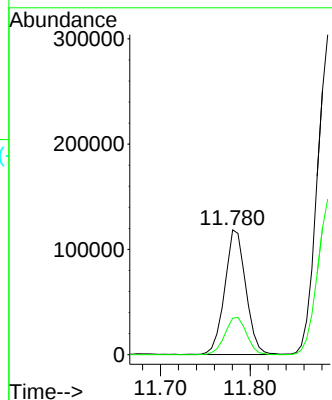
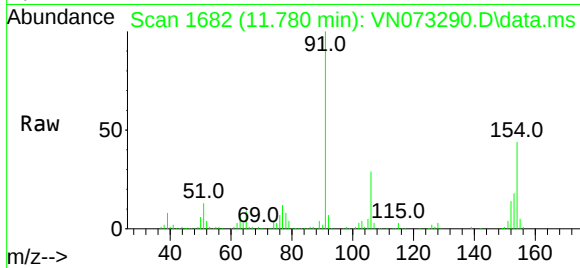




#67
Ethyl Benzene
Concen: 9.799 ug/l
RT: 11.780 min Scan# 11700
Delta R.T. 0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

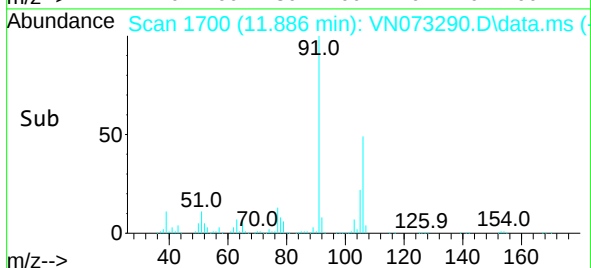
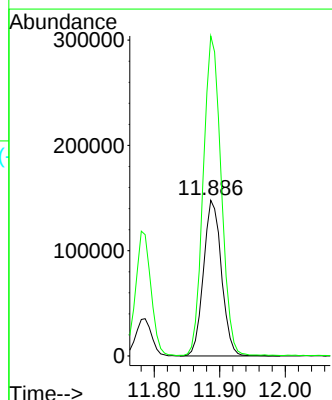
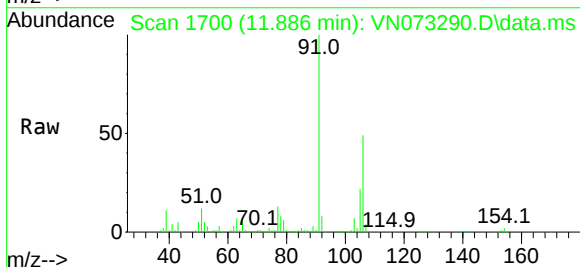
Instrument :
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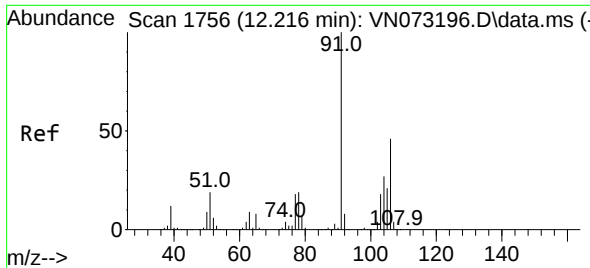
Tgt Ion: 91 Resp: 192867
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3



#68
m/p-Xylenes
Concen: 37.981 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

Tgt Ion:106 Resp: 282114
Ion Ratio Lower Upper
106 100
91 205.1 158.9 238.3

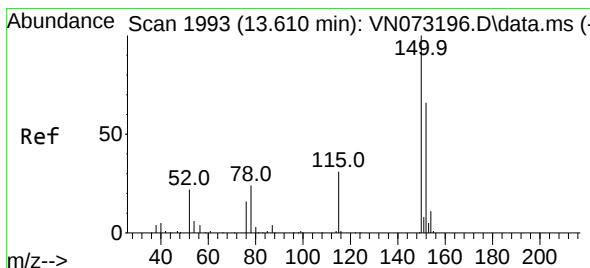
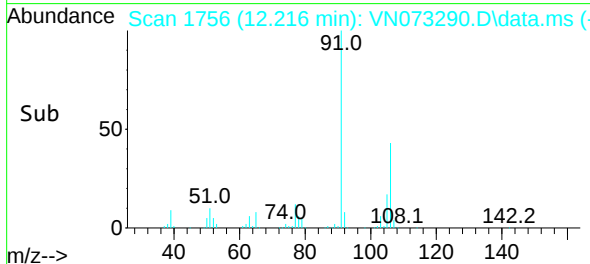
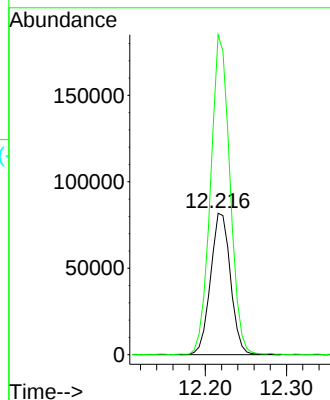
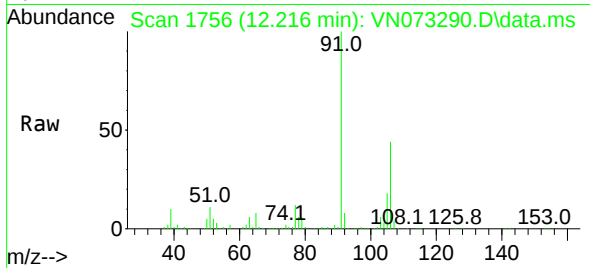




#69
o-Xylene
Concen: 18.374 ug/l
RT: 12.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

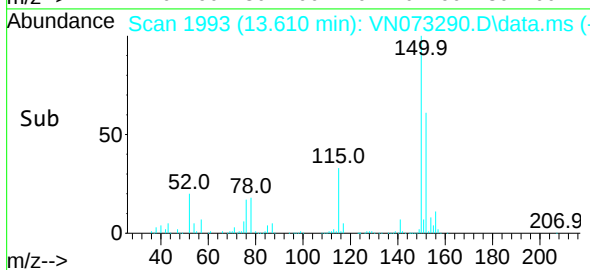
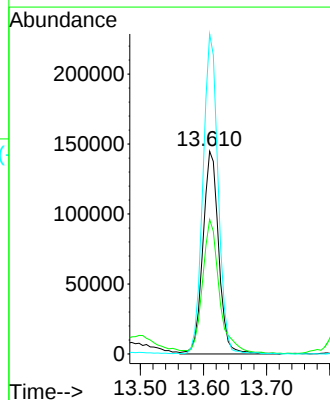
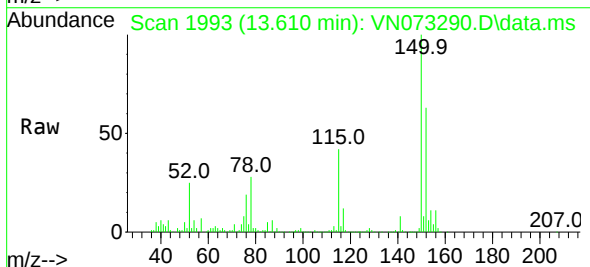
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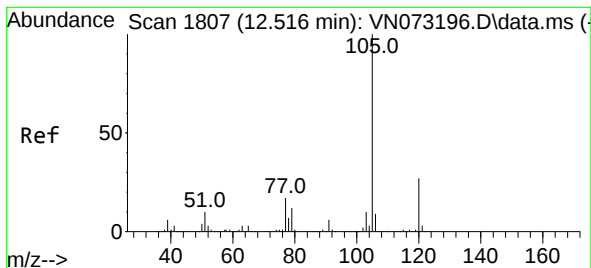
Tgt Ion:106 Resp: 139326
Ion Ratio Lower Upper
106 100
91 220.4 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

Tgt Ion:152 Resp: 252708
Ion Ratio Lower Upper
152 100
115 69.5 28.9 86.7
150 150.8 0.0 356.2





#73

Isopropylbenzene

Concen: 1.964 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073290.D

Acq: 01 Jul 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

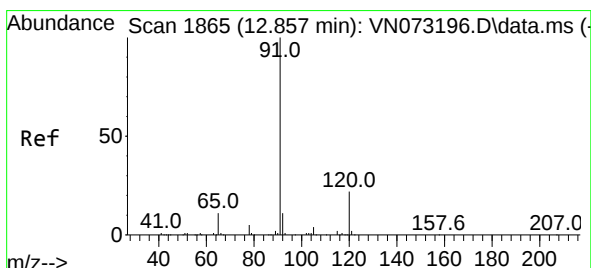
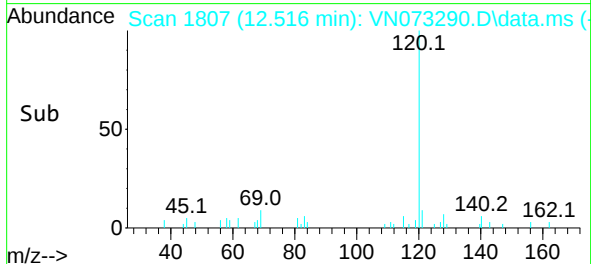
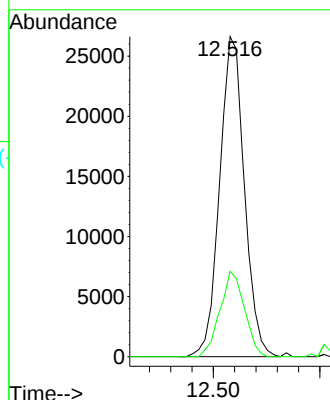
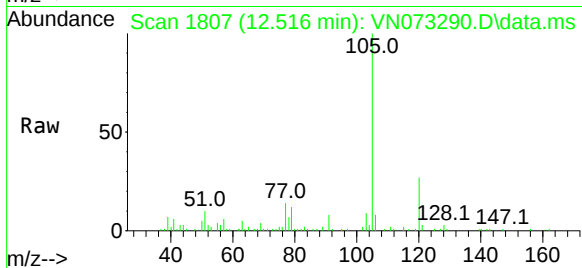
31493

Tgt Ion:105 Resp: 42860

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#78

n-propylbenzene

Concen: 5.198 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073290.D

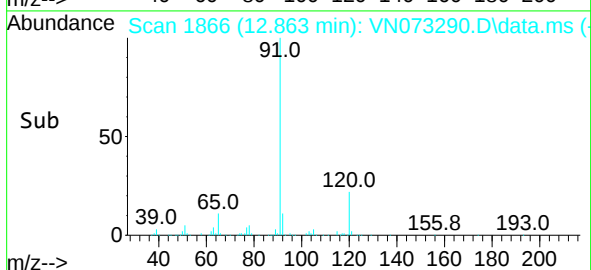
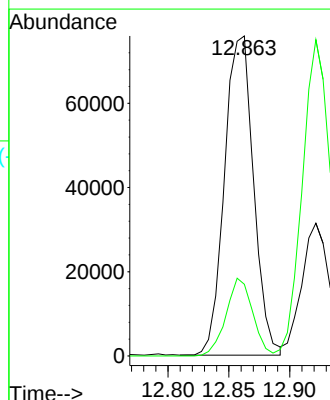
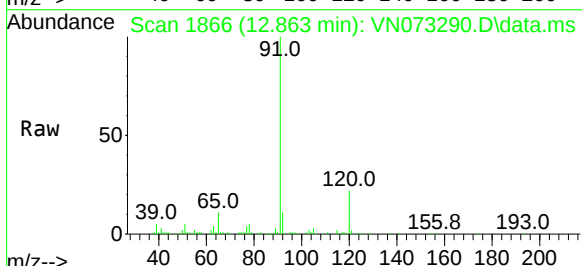
Acq: 01 Jul 2022 12:20

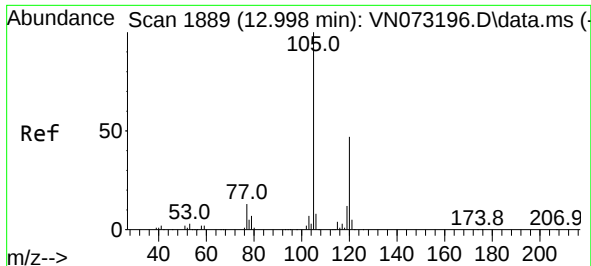
Tgt Ion: 91 Resp: 126022

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5

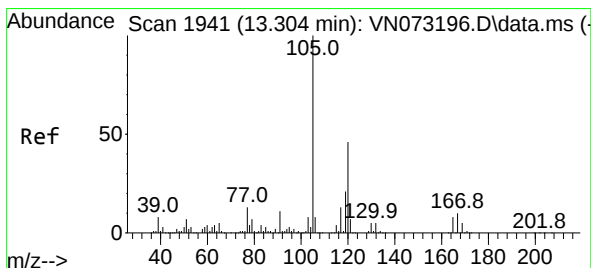
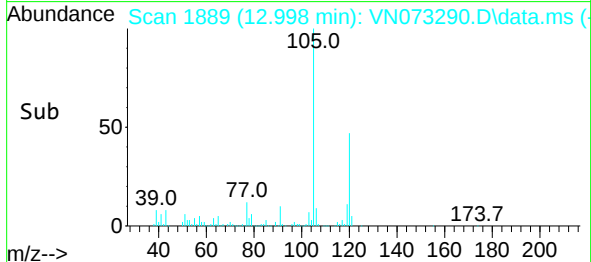
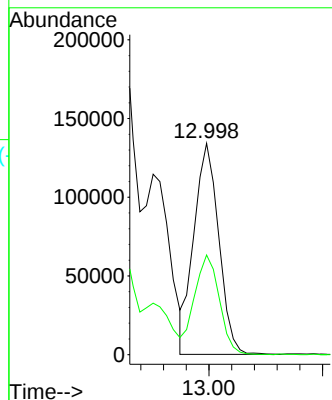
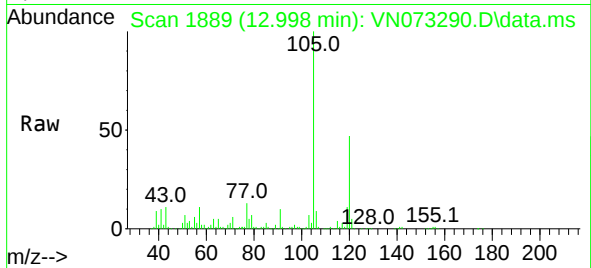




#80
1,3,5-Trimethylbenzene
Concen: 11.437 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

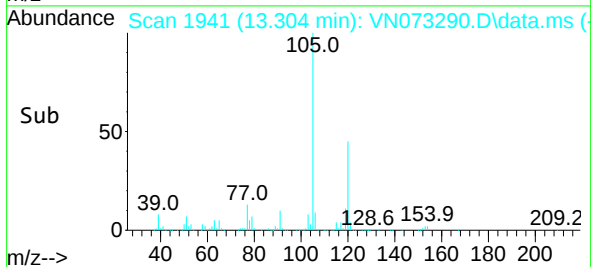
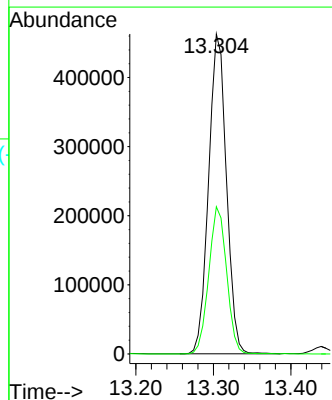
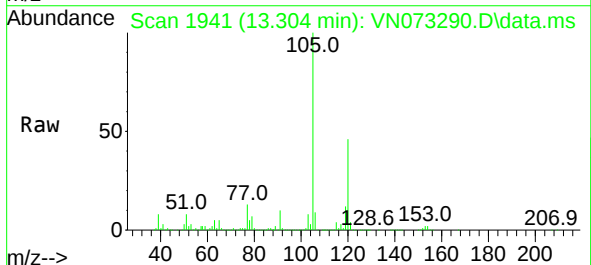
Instrument :
MSVOA_N
ClientSampleId :
31493

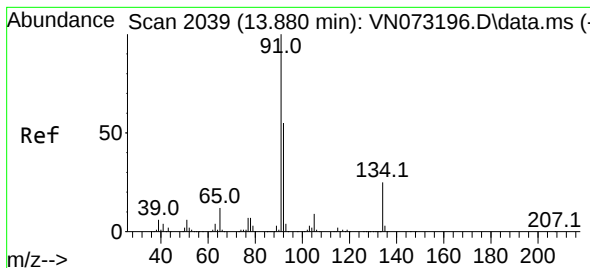
Tgt Ion:105 Resp: 203425
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 41.570 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073290.D
Acq: 01 Jul 2022 12:20

Tgt Ion:105 Resp: 738220
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#89

n-Butylbenzene

Concen: 2.677 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073290.D

Acq: 01 Jul 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

31493

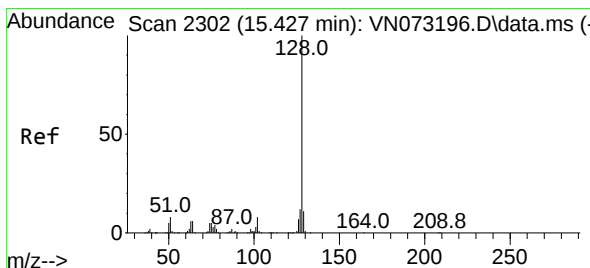
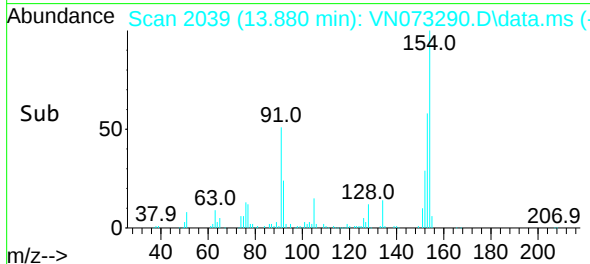
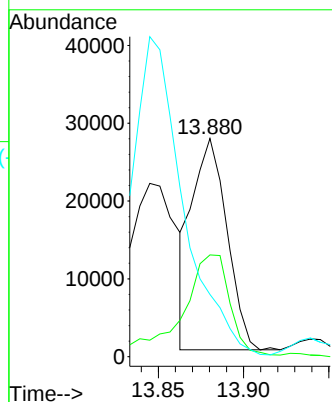
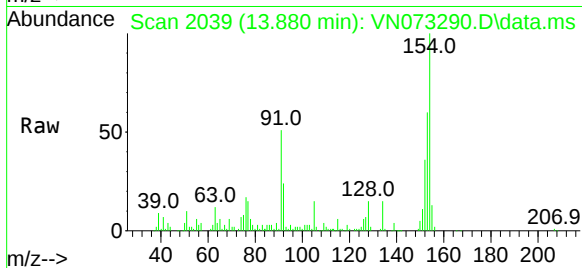
Tgt Ion: 91 Resp: 38585

Ion Ratio Lower Upper

91 100

92 62.6 26.9 80.7

134 0.0 13.6 40.8#



#95

Naphthalene

Concen: 32.995 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073290.D

Acq: 01 Jul 2022 12:20

Tgt Ion:128 Resp: 642625

Ion Ratio Lower Upper

128 100

127 14.5 10.3 15.5

129 10.9 8.6 13.0

