

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071931.D
 Acq On : 11 Apr 2022 13:16
 Operator : JC\MD
 Sample : N2306-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2404-2405

Quant Time: Apr 11 14:28:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

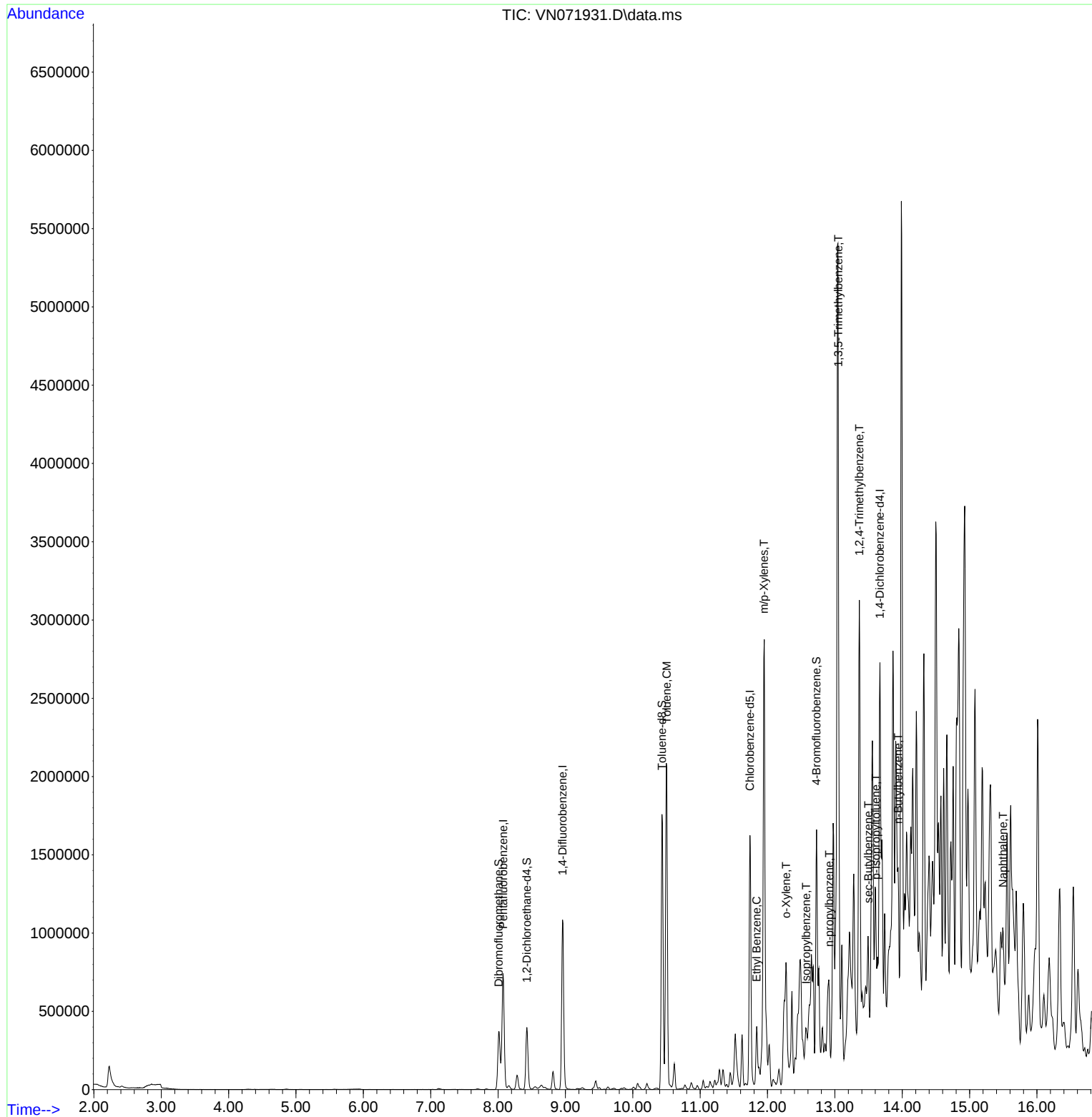
Internal Standards						
1) Pentafluorobenzene	8.075	168	608101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1030806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1031901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	517302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	323756	46.636	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.280%		
35) Dibromofluoromethane	8.010	113	280131	46.183	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.360%		
50) Toluene-d8	10.433	98	1295639	52.215	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.440%		
62) 4-Bromofluorobenzene	12.727	95	500400	62.355	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	124.700%		
Target Compounds						Qvalue
52) Toluene	10.504	92	1001471	59.208	ug/l	99
67) Ethyl Benzene	11.839	91	263204	7.525	ug/l	97
68) m/p-Xylenes	11.945	106	425603	31.668	ug/l	98
69) o-Xylene	12.274	106	176533	13.234	ug/l	98
73) Isopropylbenzene	12.574	105	77131	1.769	ug/l	98
78) n-propylbenzene	12.916	91	334948	7.305	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	420772	12.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1614039	47.896	ug/l	99
85) sec-Butylbenzene	13.498	105	238972	5.839	ug/l	86
86) p-Isopropyltoluene	13.610	119	159937	4.901	ug/l	99
89) n-Butylbenzene	13.939	91	580218	23.973	ug/l #	70
95) Naphthalene	15.498	128	237302	13.110	ug/l #	94

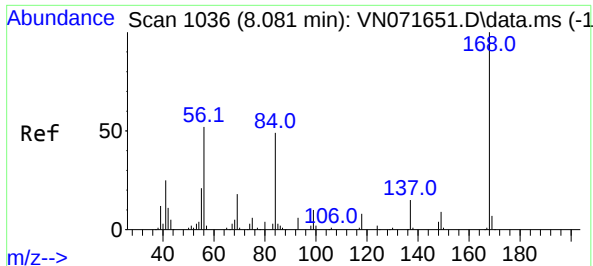
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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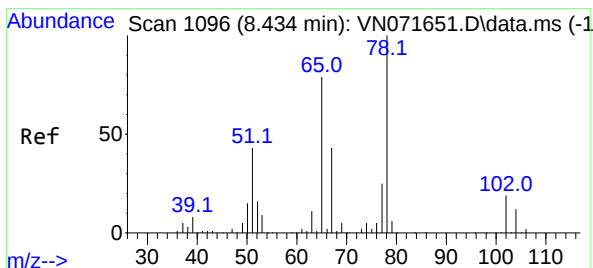
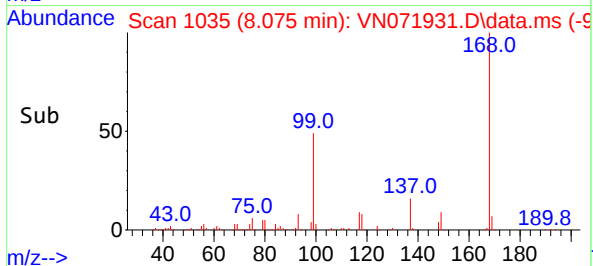
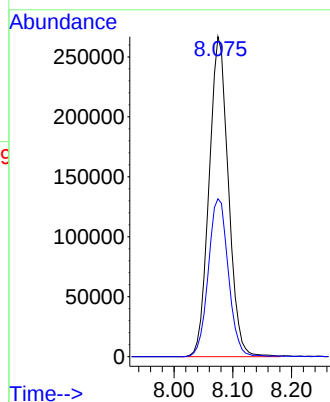
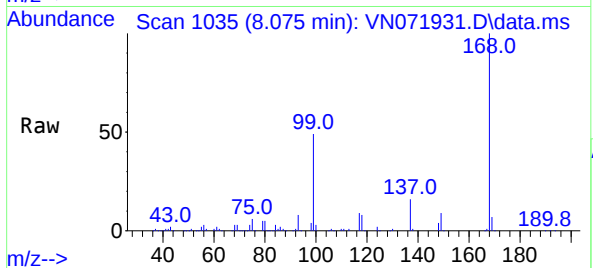




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

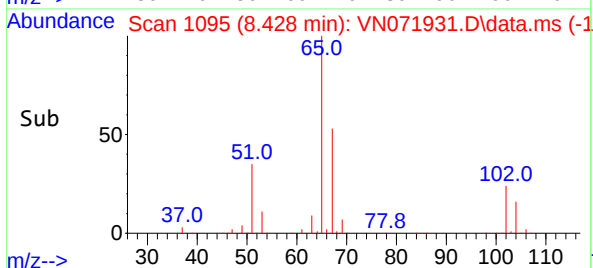
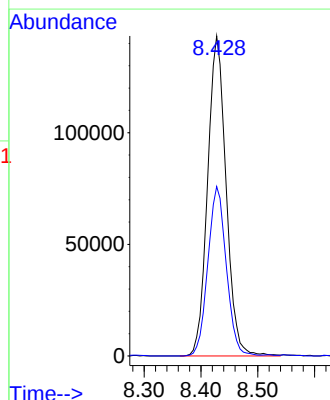
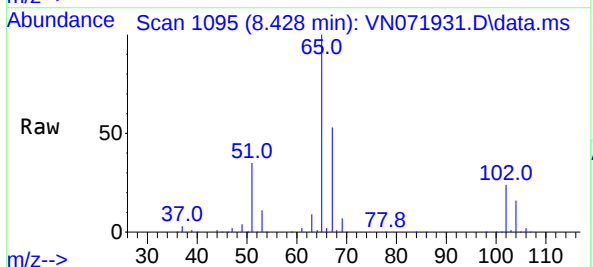
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

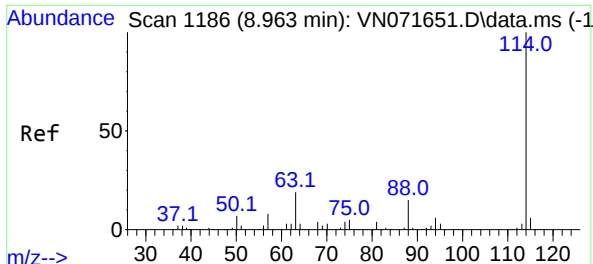
Tgt Ion:168 Resp: 608101
Ion Ratio Lower Upper
168 100
99 49.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.636 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 65 Resp: 323756
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.957 min Scan# 1185

Delta R.T. -0.006 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

2404-2405

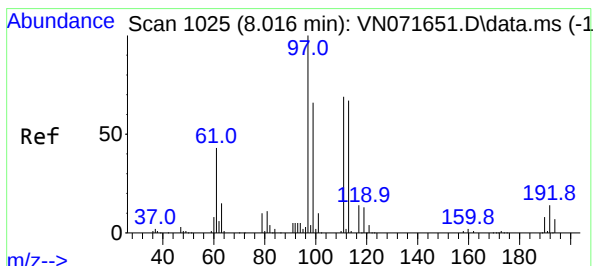
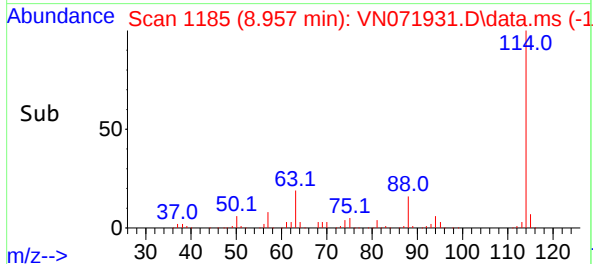
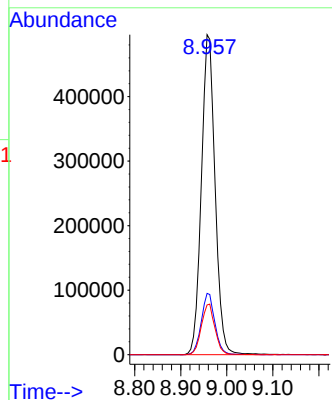
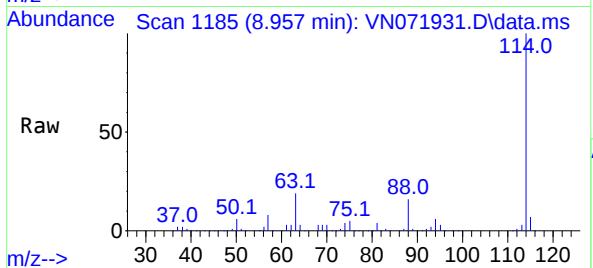
Tgt Ion:114 Resp: 1030806

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.183 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

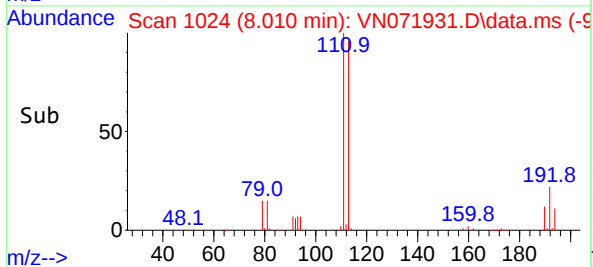
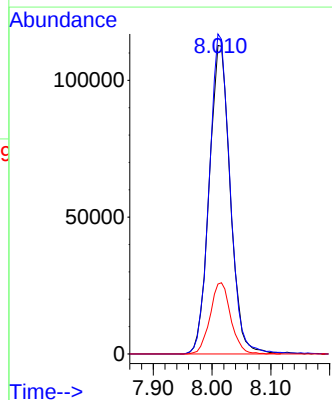
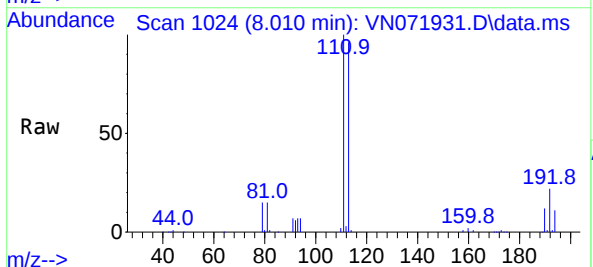
Tgt Ion:113 Resp: 280131

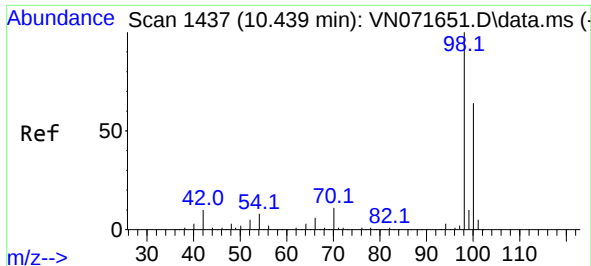
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 22.6 17.0 25.6

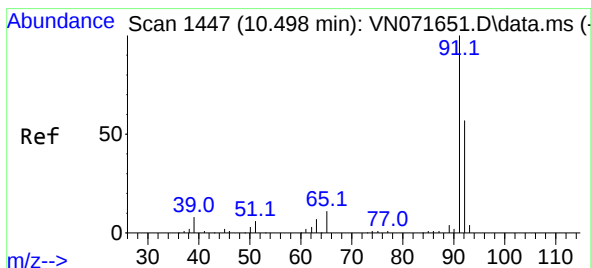
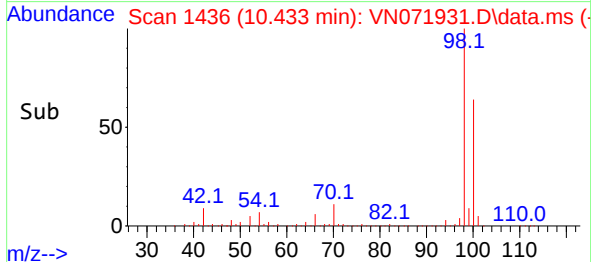
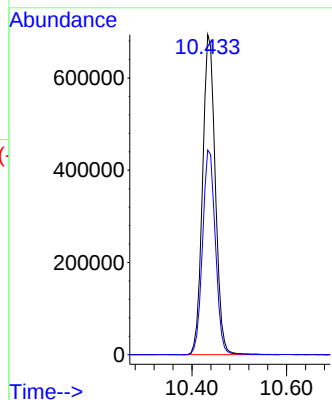
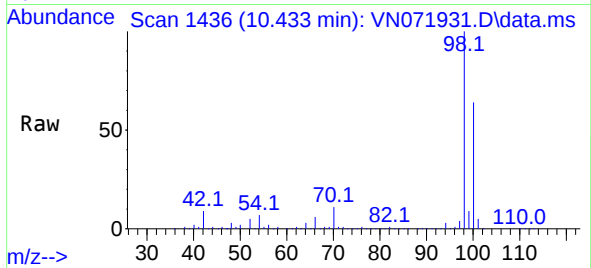




#50
Toluene-d8
Concen: 52.215 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

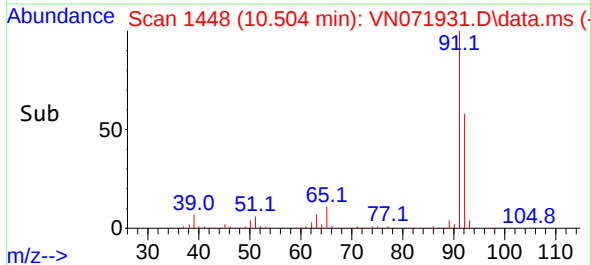
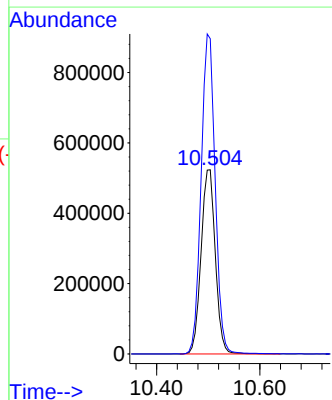
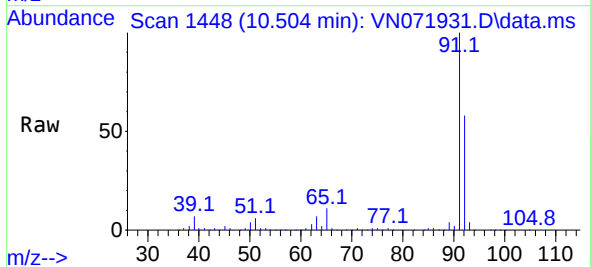
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

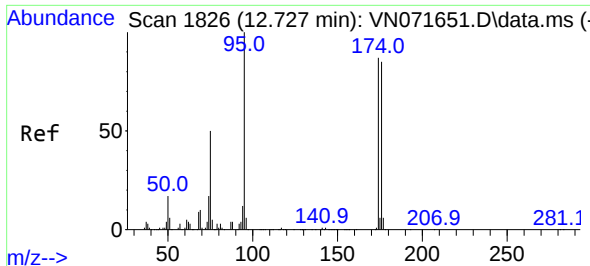
Tgt Ion: 98 Resp: 1295639
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#52
Toluene
Concen: 59.208 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 92 Resp: 1001471
Ion Ratio Lower Upper
92 100
91 171.4 138.6 207.8

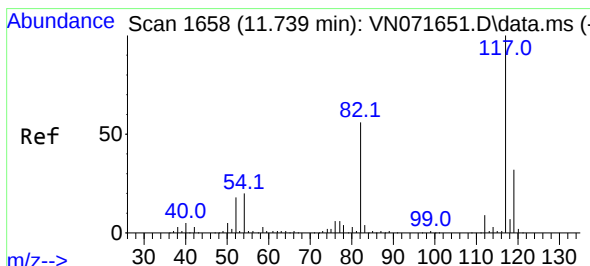
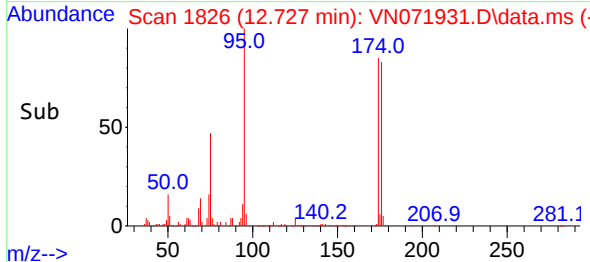
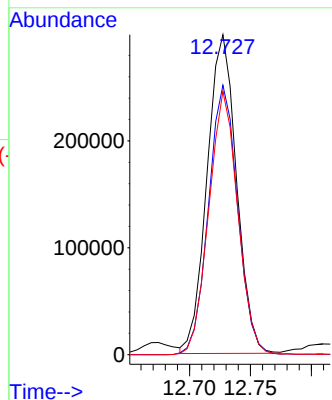
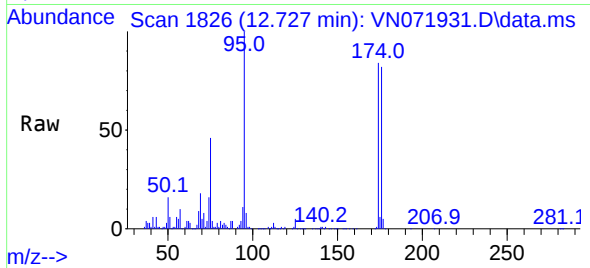




#62
4-Bromofluorobenzene
Concen: 62.355 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

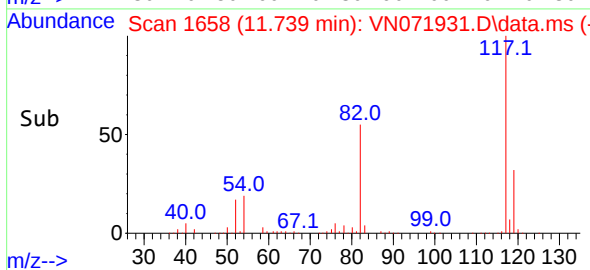
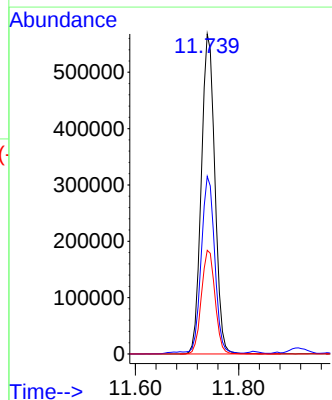
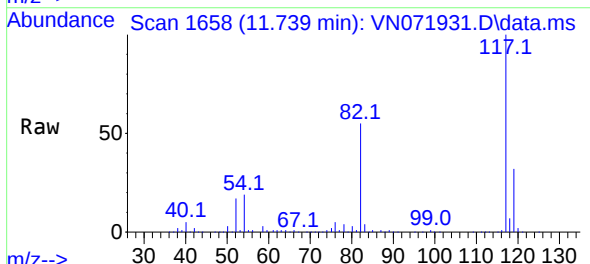
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

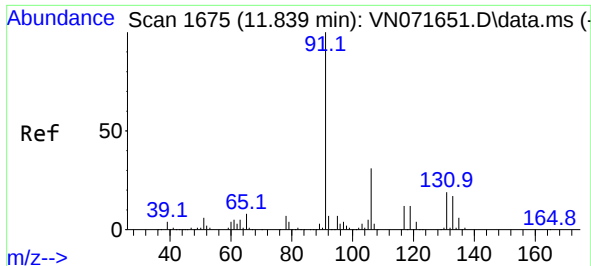
Tgt Ion: 95 Resp: 500400
Ion Ratio Lower Upper
95 100
174 84.0 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 117 Resp: 1031901
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.4 25.4 38.0

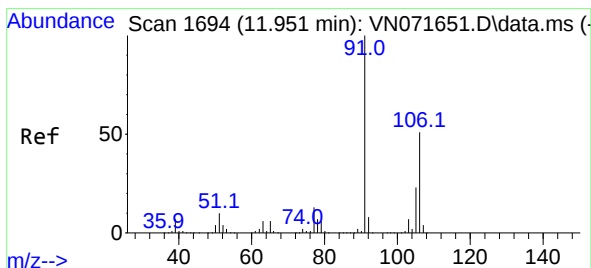
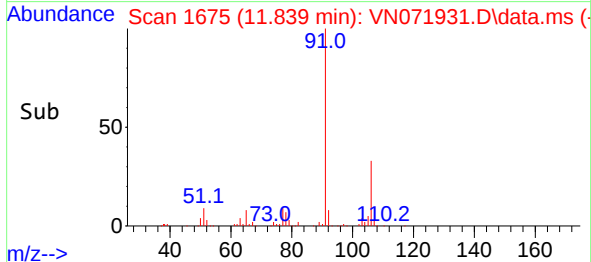
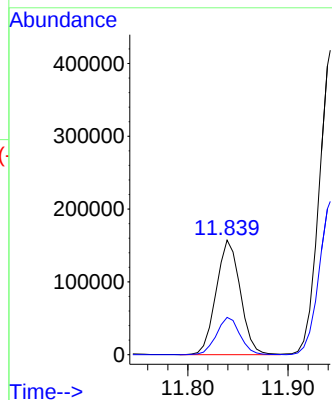
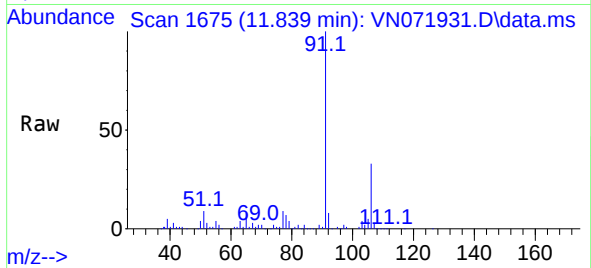




#67
Ethyl Benzene
Concen: 7.525 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

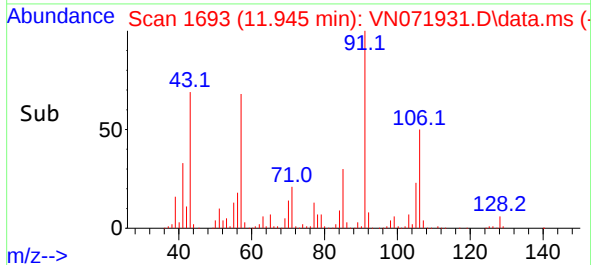
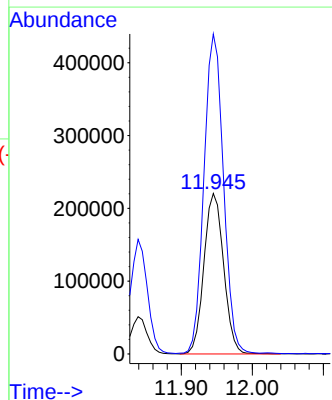
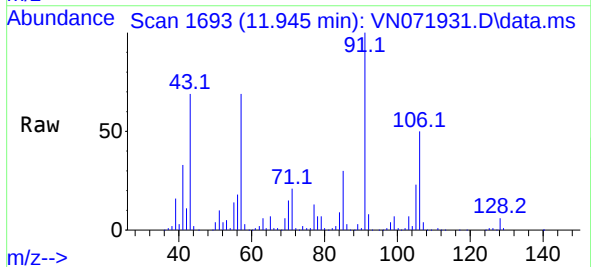
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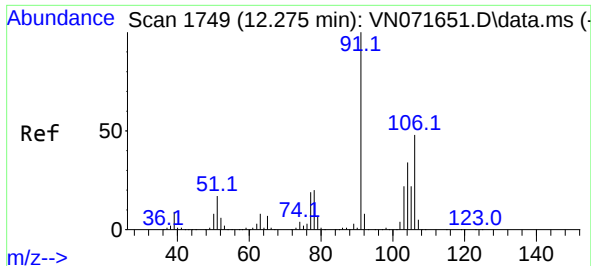
Tgt Ion: 91 Resp: 263204
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



#68
m/p-Xylenes
Concen: 31.668 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 106 Resp: 425603
Ion Ratio Lower Upper
106 100
91 196.2 158.9 238.3

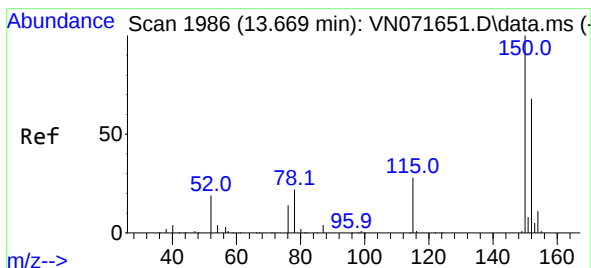
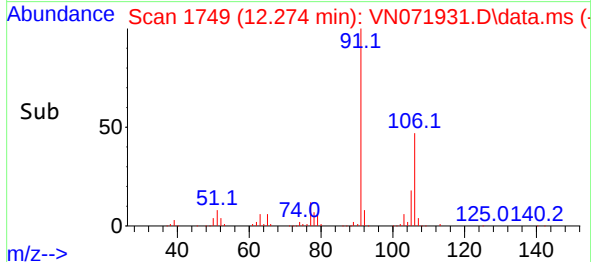
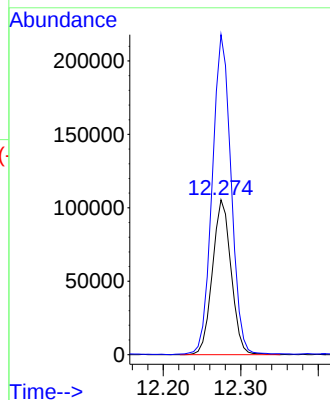
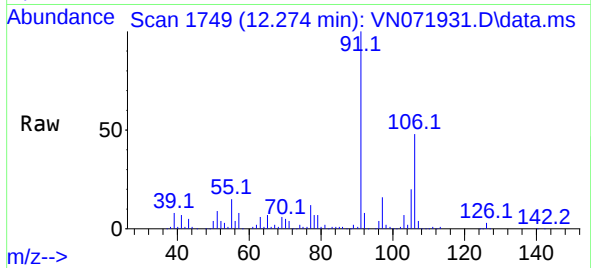




#69
o-Xylene
Concen: 13.234 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

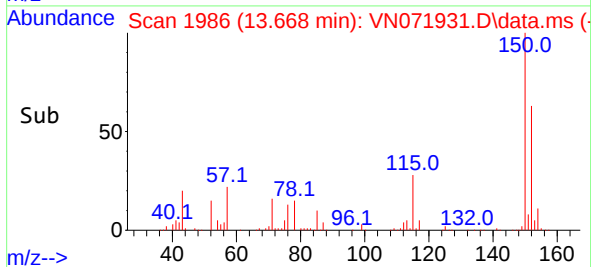
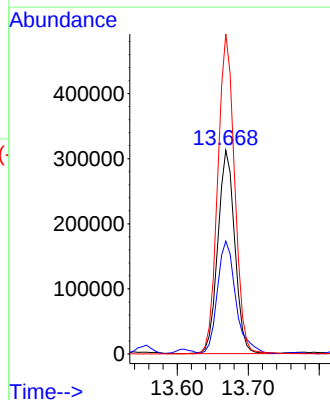
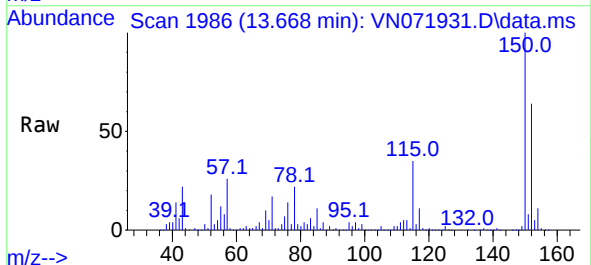
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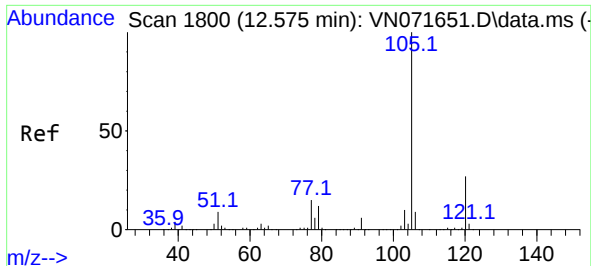
Tgt Ion:106 Resp: 176533
Ion Ratio Lower Upper
106 100
91 209.6 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:152 Resp: 517302
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 157.0 0.0 356.2

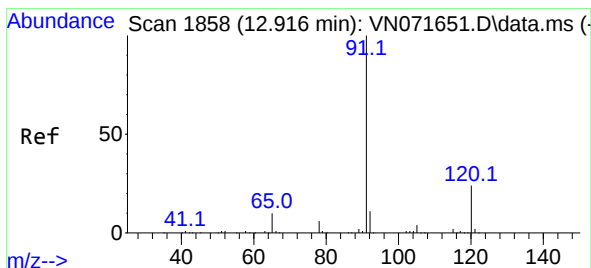
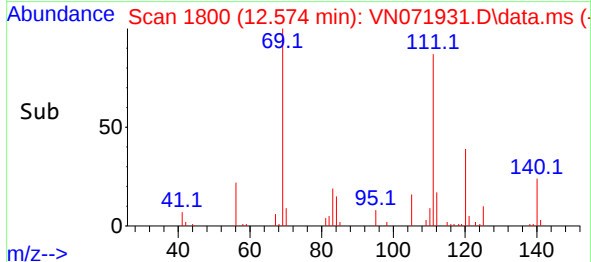
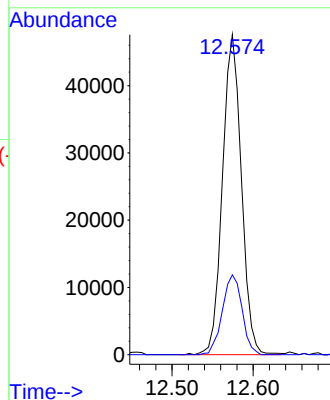
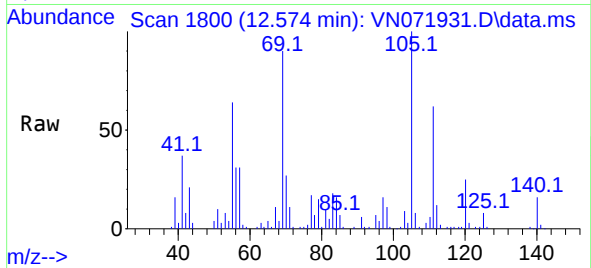




#73
Isopropylbenzene
Concen: 1.769 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

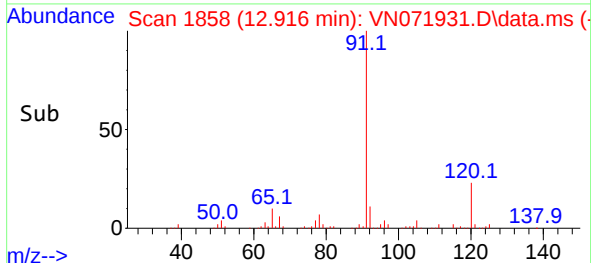
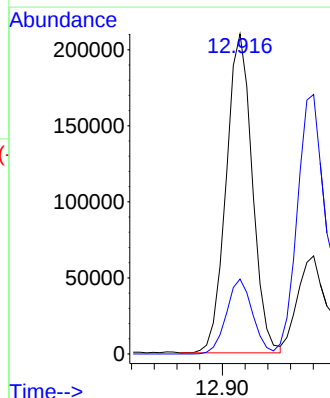
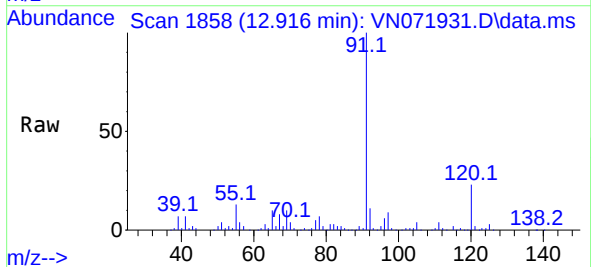
Instrument :
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ClientSampleId :
2404-2405

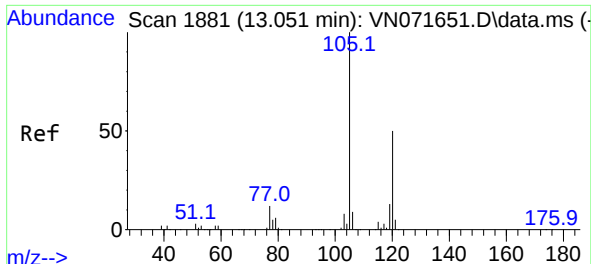
Tgt Ion:105 Resp: 77131
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#78
n-propylbenzene
Concen: 7.305 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 91 Resp: 334948
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5

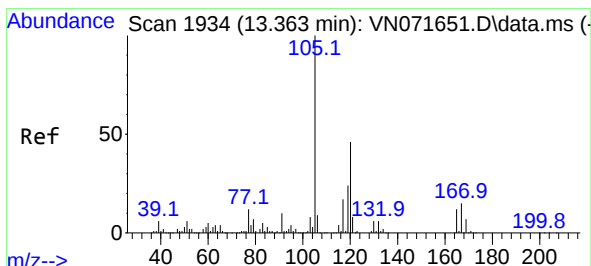
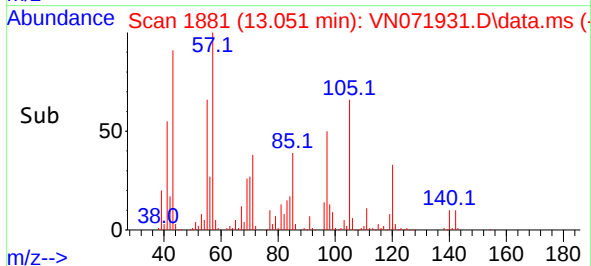
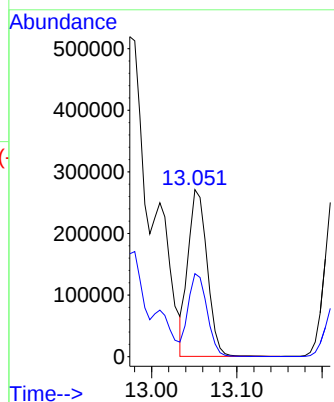
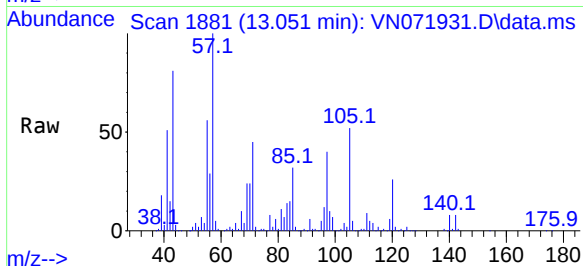




#80
1,3,5-Trimethylbenzene
Concen: 12.183 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

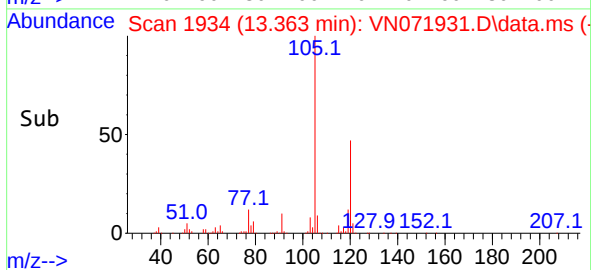
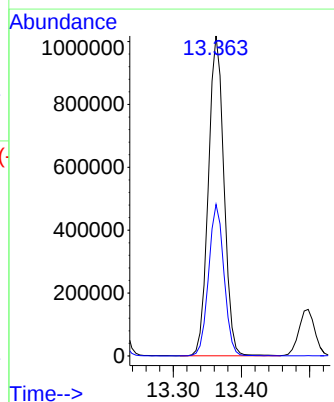
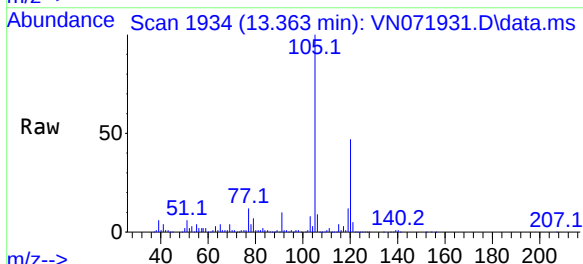
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

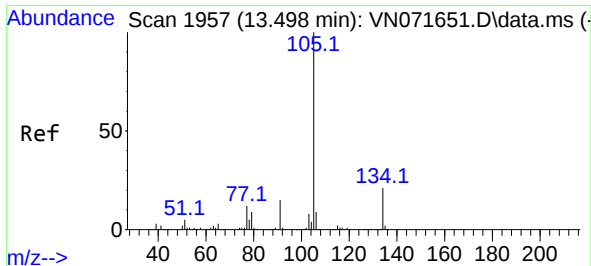
Tgt Ion:105 Resp: 420772
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 47.896 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:105 Resp: 1614039
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8

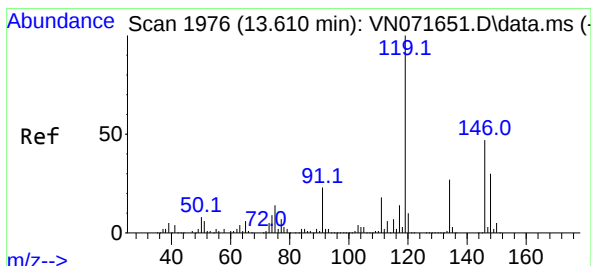
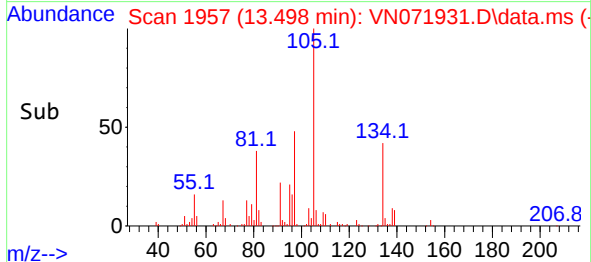
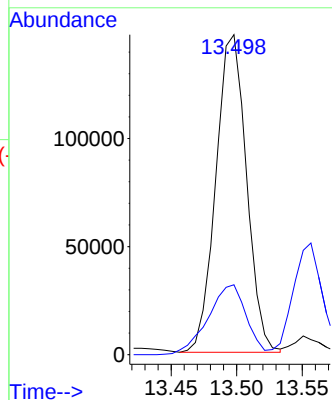
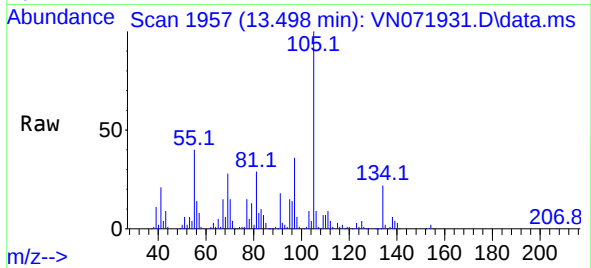




#85
sec-Butylbenzene
Concen: 5.839 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

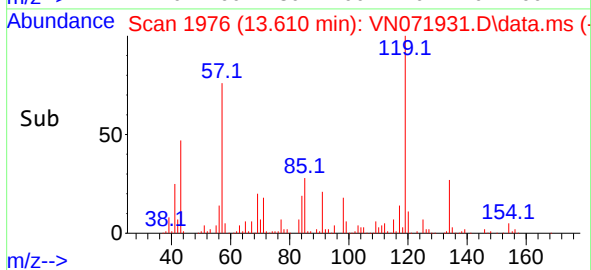
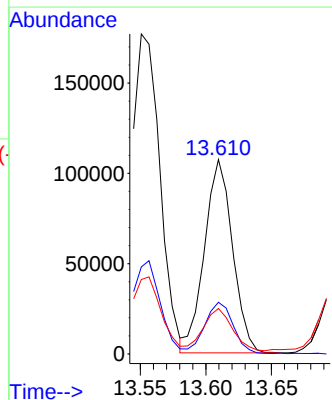
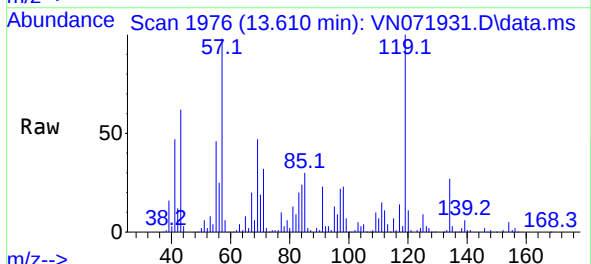
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

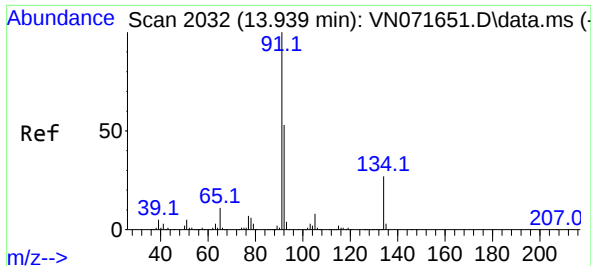
Tgt Ion:105 Resp: 238972
Ion Ratio Lower Upper
105 100
134 27.3 10.4 31.1



#86
p-Isopropyltoluene
Concen: 4.901 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:119 Resp: 159937
Ion Ratio Lower Upper
119 100
134 26.2 13.3 39.8
91 22.3 11.3 33.9

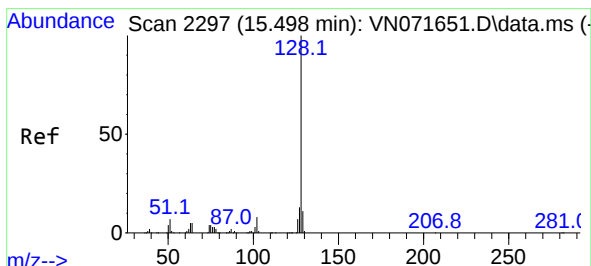
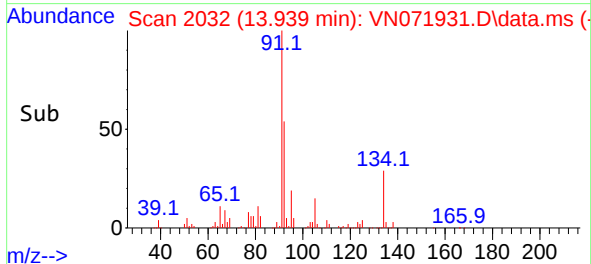
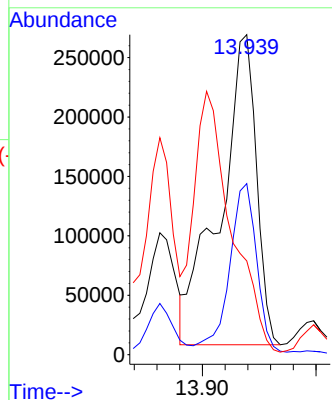
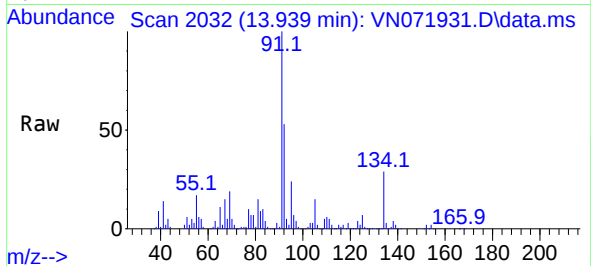




#89
n-Butylbenzene
Concen: 23.973 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Instrument :
MSVOA_N
ClientSampleId :
2404-2405

Tgt Ion: 91 Resp: 580218
Ion Ratio Lower Upper
91 100
92 40.7 26.9 80.7
134 0.0 13.6 40.8#



#95
Naphthalene
Concen: 13.110 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:128 Resp: 237302
Ion Ratio Lower Upper
128 100
127 15.4 10.3 15.5
129 8.3 8.6 13.0#

