

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071486.D
 Acq On : 23 Mar 2022 00:36
 Operator : JC\MD
 Sample : N1962-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-21-21-23

Quant Time: Mar 23 07:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

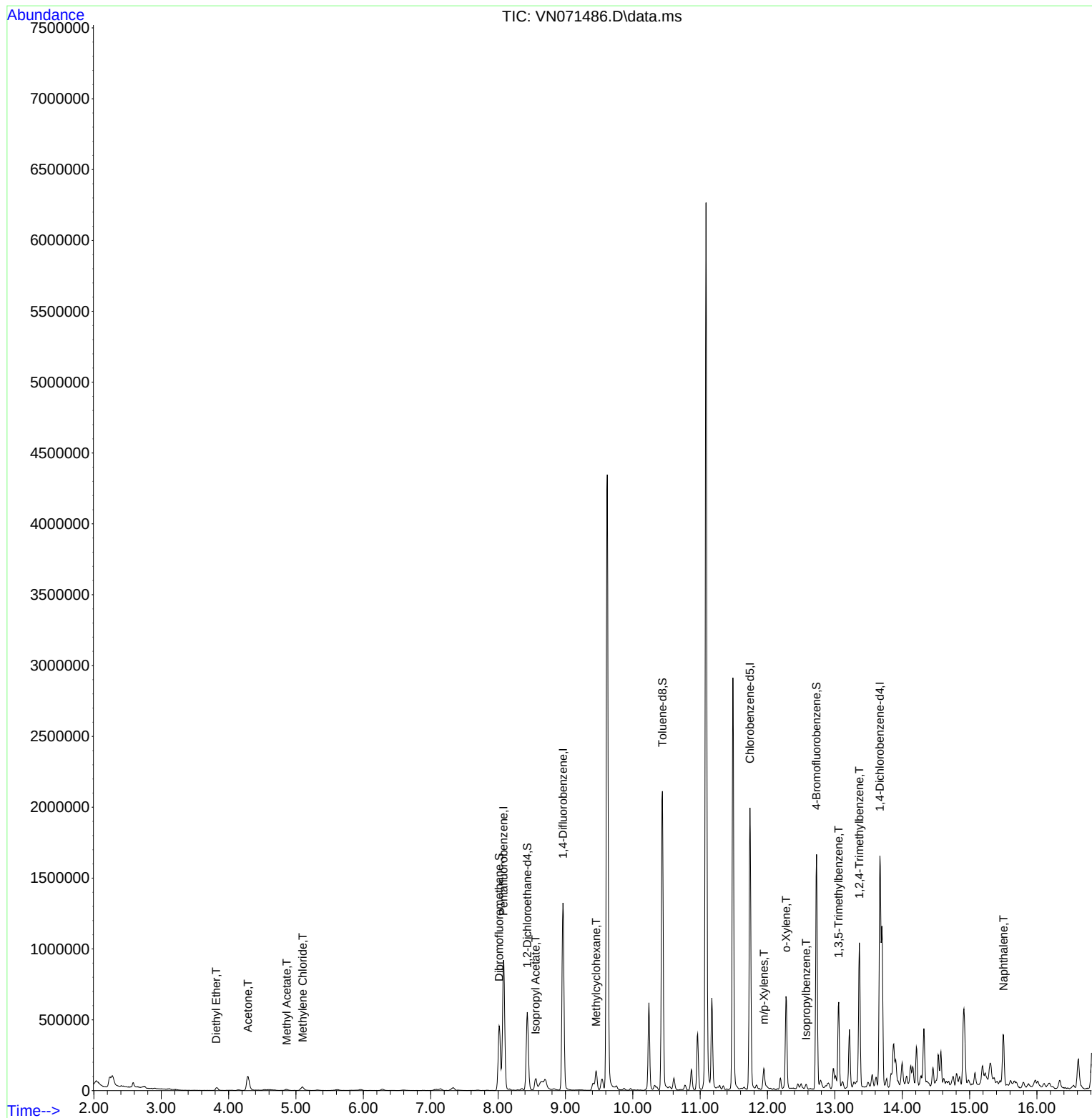
Internal Standards						
1) Pentafluorobenzene	8.081	168	671319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1149693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1109688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	449707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	448567	48.754	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.500%
35) Dibromofluoromethane	8.016	113	337234	46.483	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.960%
50) Toluene-d8	10.439	98	1449272	49.614	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.727	95	568432	57.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.940%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.816	74	11906	2.344	ug/l	90
16) Acetone	4.287	43	197396	44.094	ug/l	98
18) Methyl Acetate	4.863	43	18034	1.956	ug/l	94
20) Methylene Chloride	5.098	84	17322	2.483	ug/l #	84
39) Methylcyclohexane	9.457	83	55649	4.070	ug/l	98
43) Isopropyl Acetate	8.557	43	90802	3.796	ug/l #	85
68) m/p-Xylenes	11.945	106	46669	3.028	ug/l	96
69) o-Xylene	12.274	106	180345	11.672	ug/l	96
73) Isopropylbenzene	12.574	105	18558	0.428	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	321470	9.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	548431	16.976	ug/l	100
95) Naphthalene	15.504	128	335819	19.706	ug/l	99

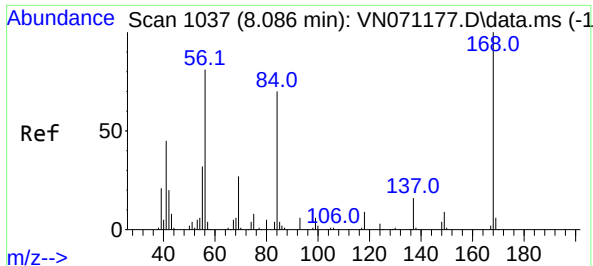
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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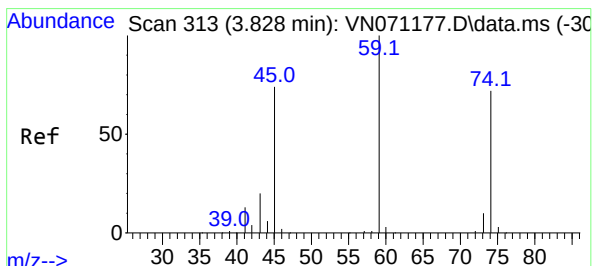
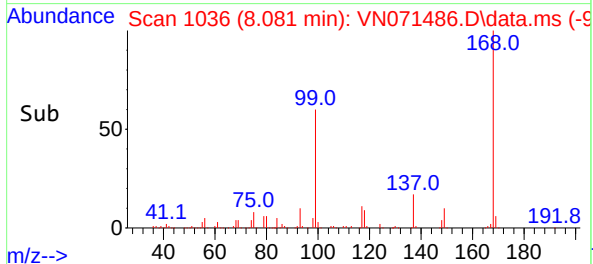
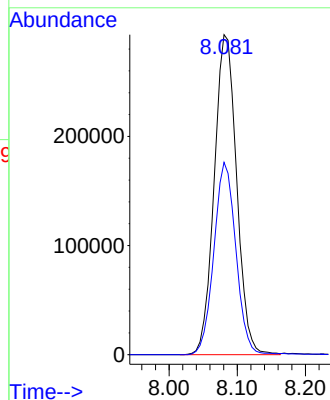
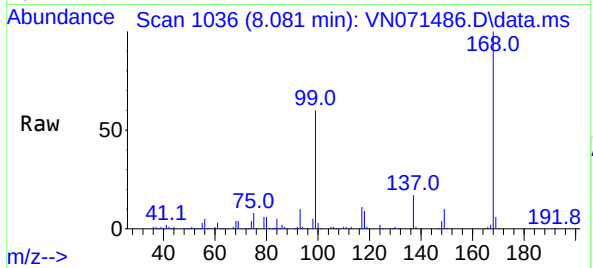




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

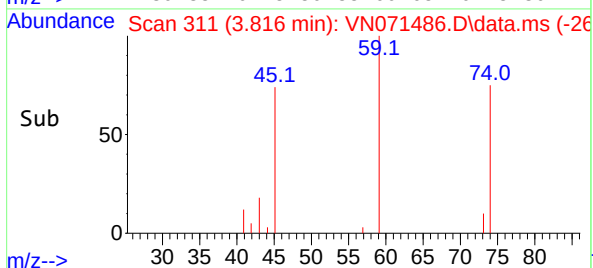
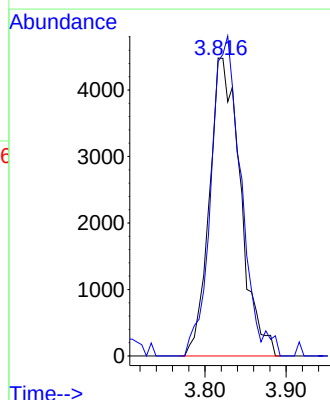
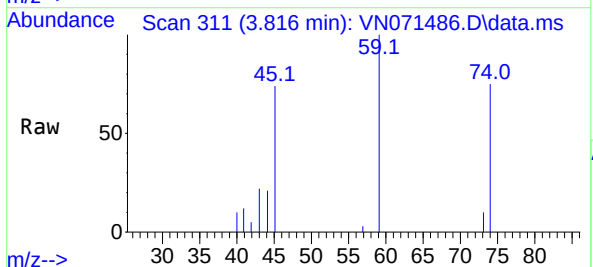
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

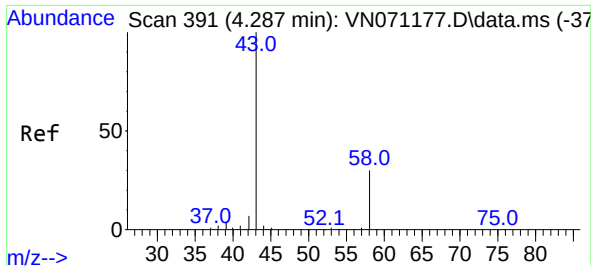
Tgt Ion:168 Resp: 671319
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#8
Diethyl Ether
Concen: 2.344 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.012 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 74 Resp: 11906
Ion Ratio Lower Upper
74 100
45 103.9 47.0 141.2

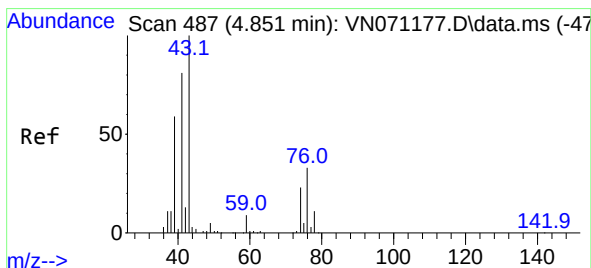
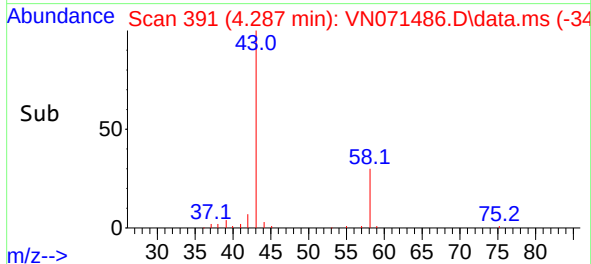
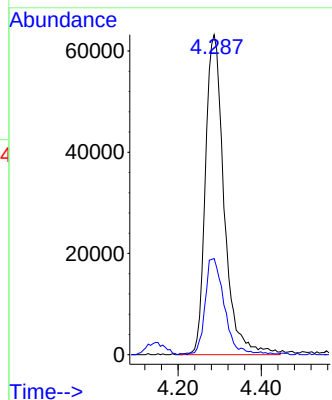
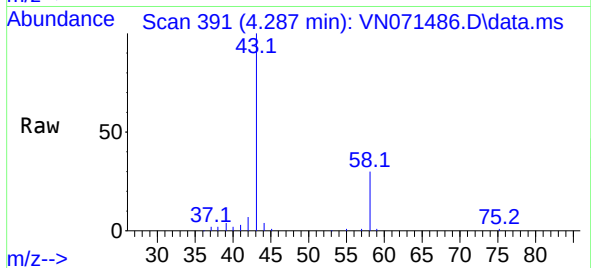




#16
Acetone
Concen: 44.094 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

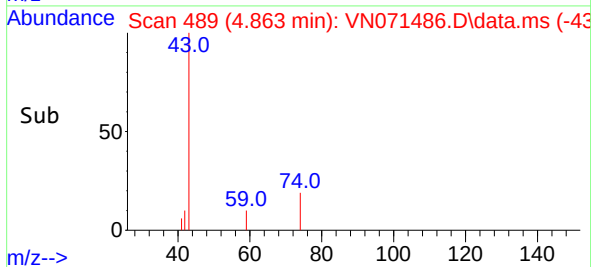
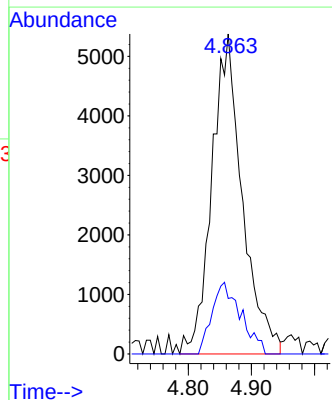
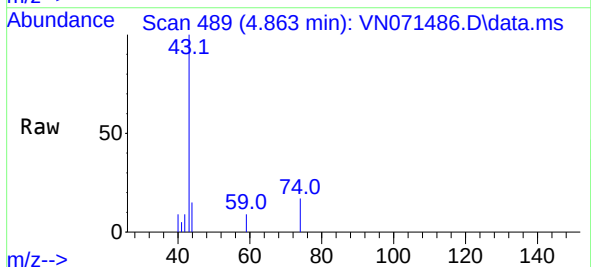
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

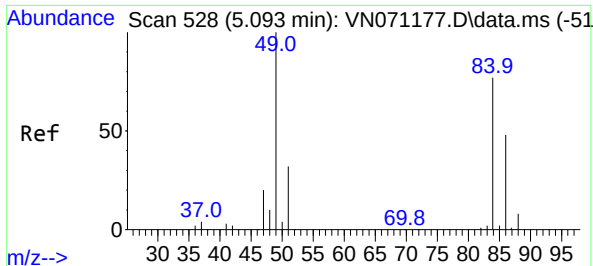
Tgt Ion: 43 Resp: 197396
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7



#18
Methyl Acetate
Concen: 1.956 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 43 Resp: 18034
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.2



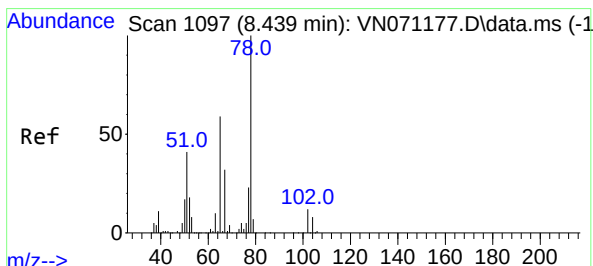
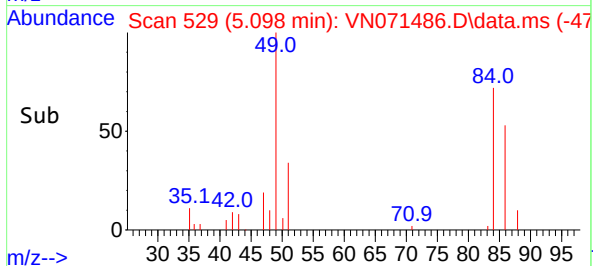
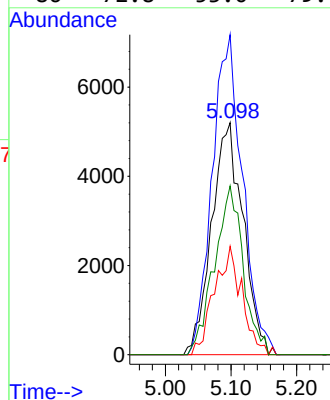
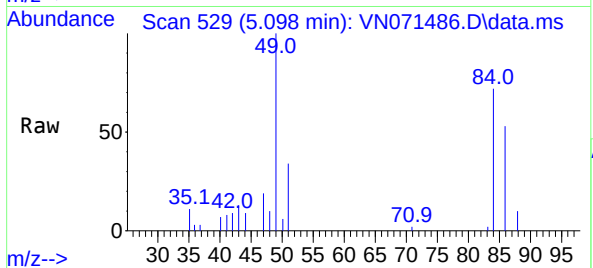


#20
Methylene Chloride
Concen: 2.483 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

Tgt Ion: 84 Resp: 17322

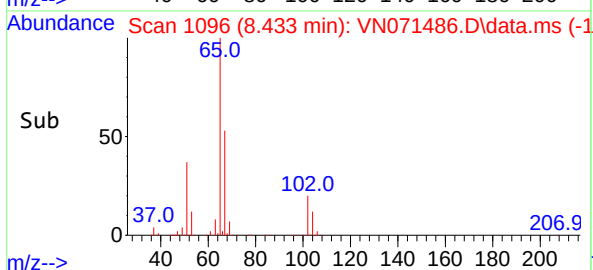
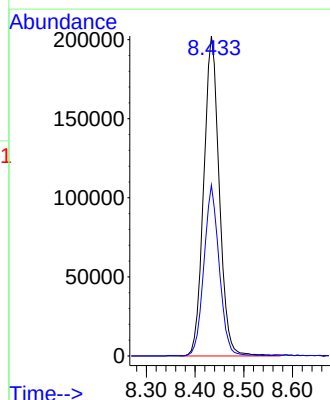
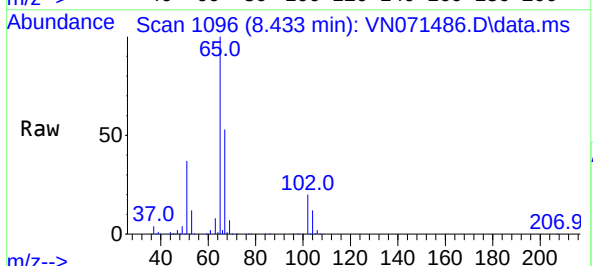
Ion	Ratio	Lower	Upper
84	100		
49	138.0	93.5	140.3
51	46.7	29.4	44.2#
86	72.8	53.0	79.4

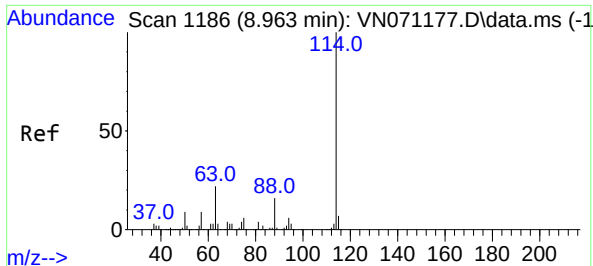


#33
1,2-Dichloroethane-d4
Concen: 48.754 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 65 Resp: 448567

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

Instrument :

MSVOA_N

ClientSampleId :

C-21-21-23

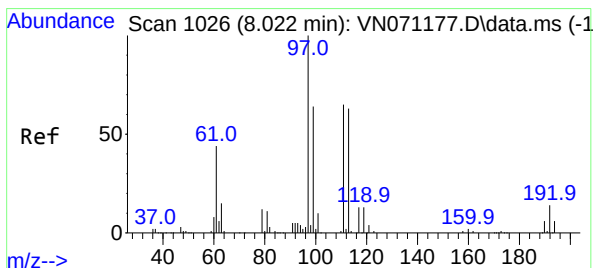
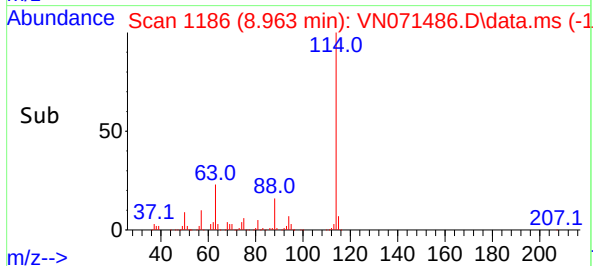
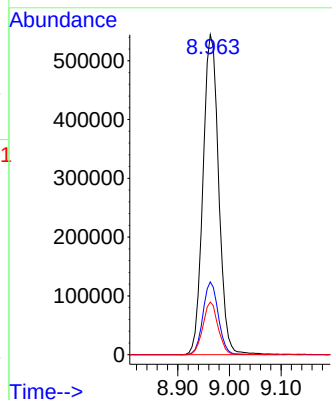
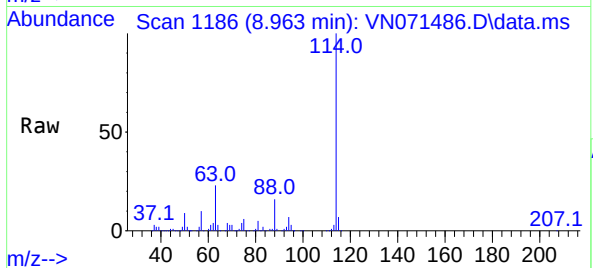
Tgt Ion:114 Resp: 1149693

Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.483 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

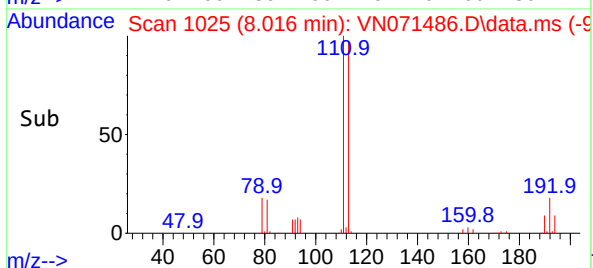
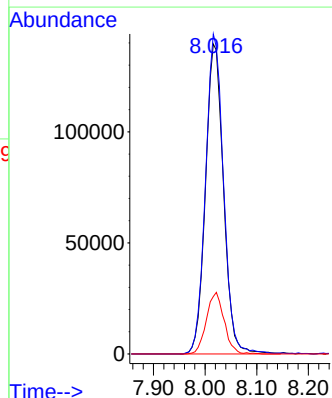
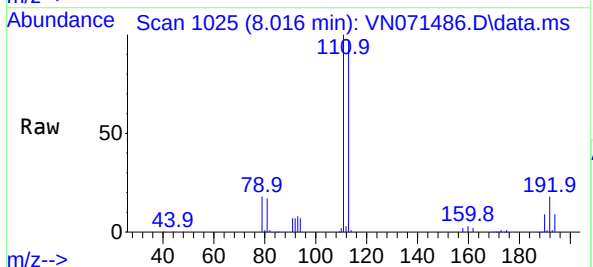
Tgt Ion:113 Resp: 337234

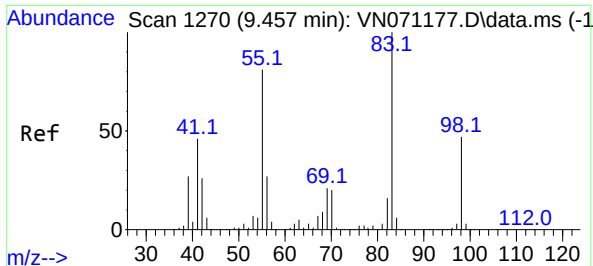
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 19.5 16.9 25.3





#39

Methylcyclohexane

Concen: 4.070 ug/l

RT: 9.457 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

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MSVOA_N

ClientSampleId :

C-21-21-23

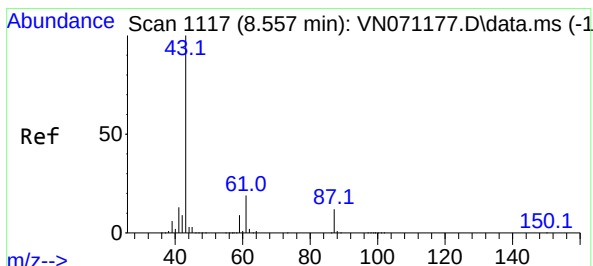
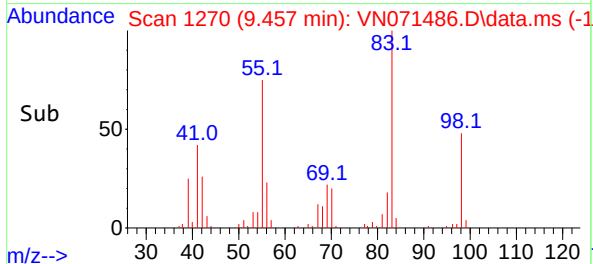
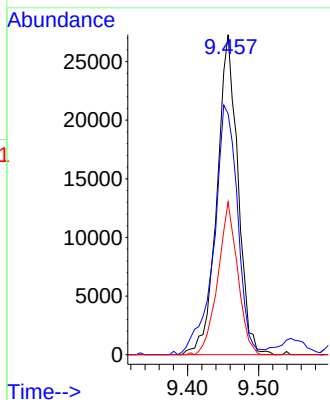
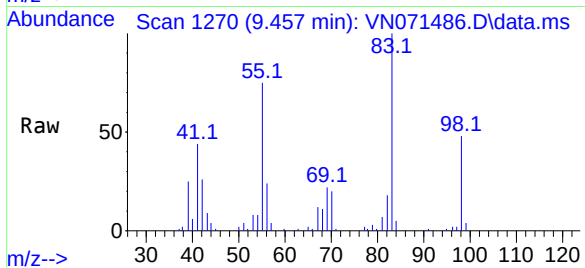
Tgt Ion: 83 Resp: 55649

Ion Ratio Lower Upper

83 100

55 75.3 58.1 87.1

98 47.8 38.4 57.6



#43

Isopropyl Acetate

Concen: 3.796 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN071486.D

Acq: 23 Mar 2022 00:36

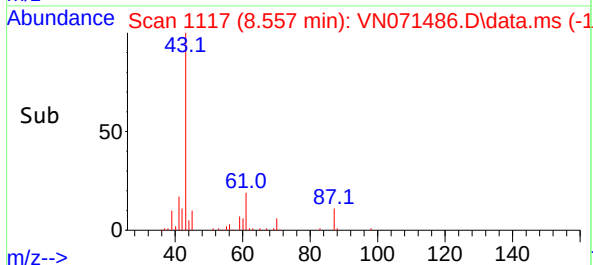
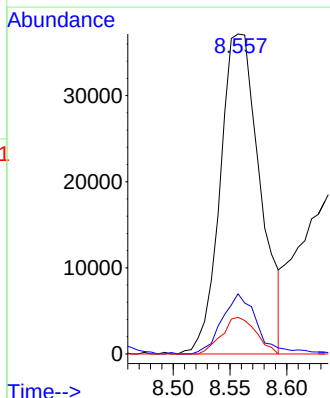
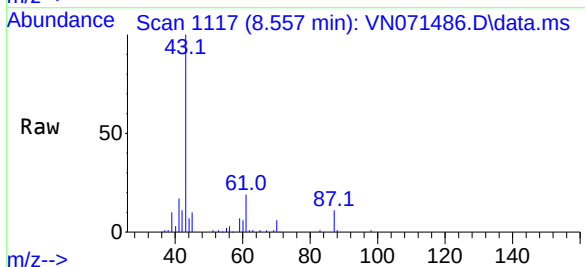
Tgt Ion: 43 Resp: 90802

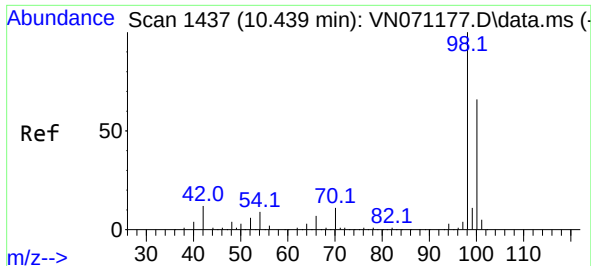
Ion Ratio Lower Upper

43 100

61 16.8 20.4 30.6#

87 9.8 11.2 16.8#

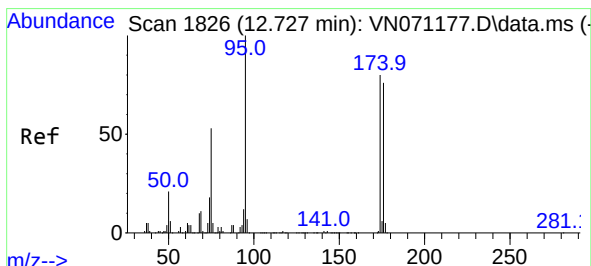
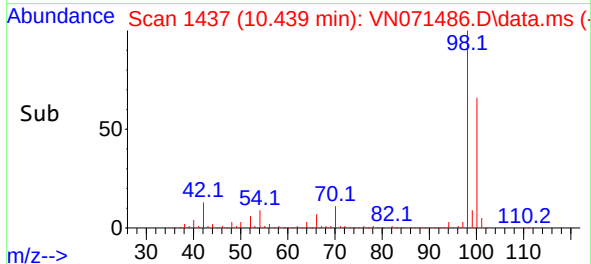
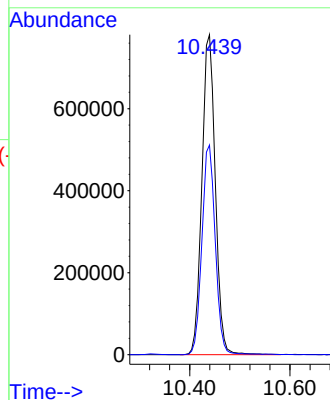
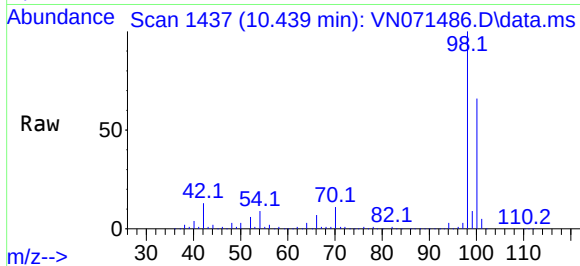




#50
Toluene-d8
Concen: 49.614 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

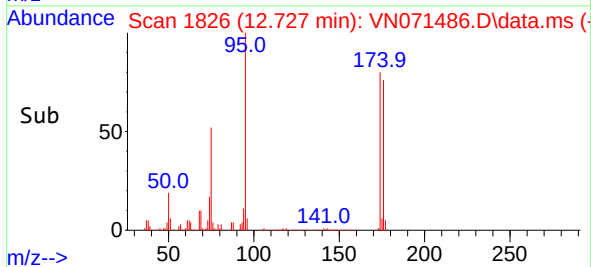
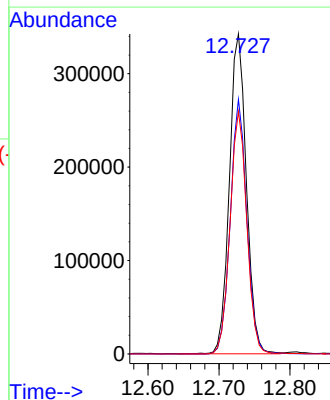
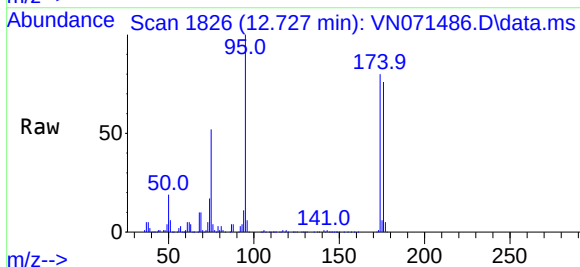
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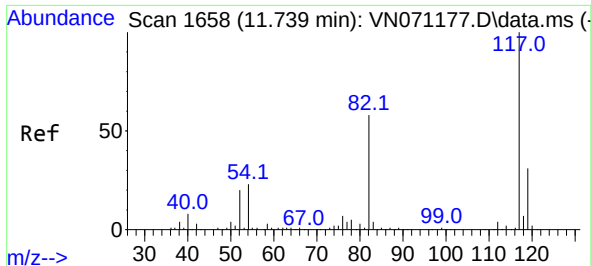
Tgt Ion: 98 Resp: 1449272
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 57.467 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion: 95 Resp: 568432
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 74.9 0.0 181.4

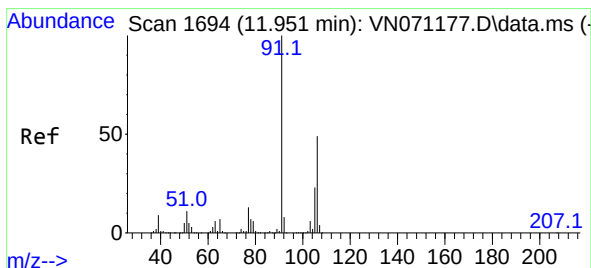
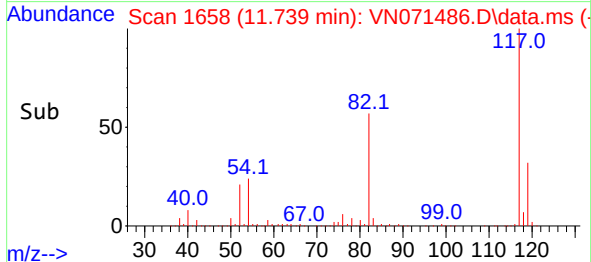
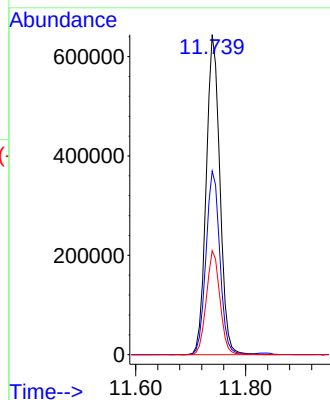
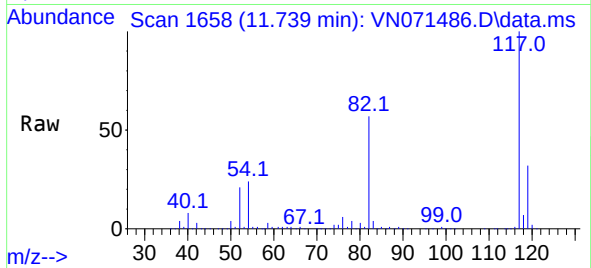




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

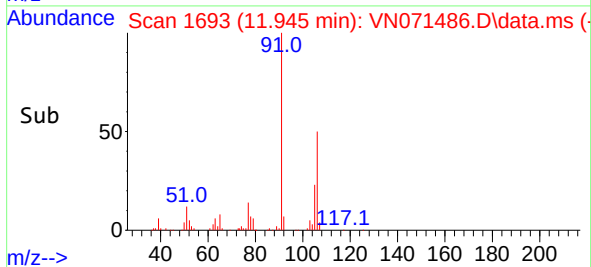
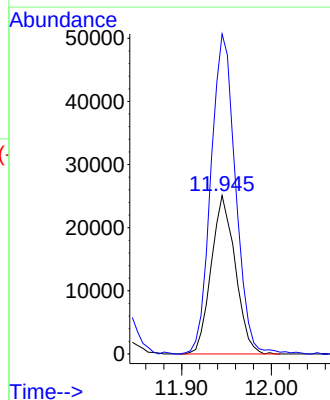
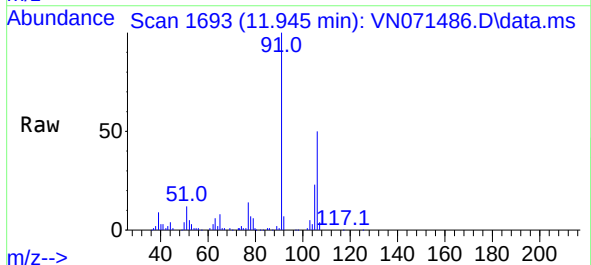
Instrument :
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C-21-21-23

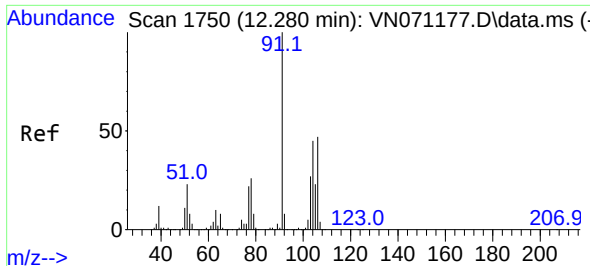
Tgt Ion:117 Resp: 1109688
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.5 25.4 38.2



#68
m/p-Xylenes
Concen: 3.028 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:106 Resp: 46669
Ion Ratio Lower Upper
106 100
91 207.1 160.6 240.8

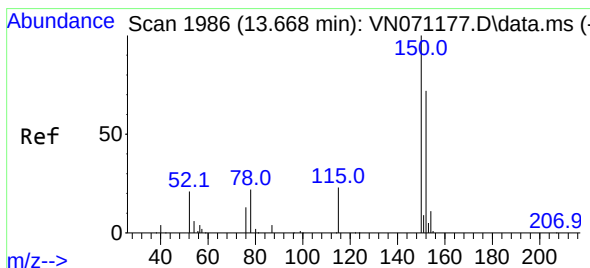
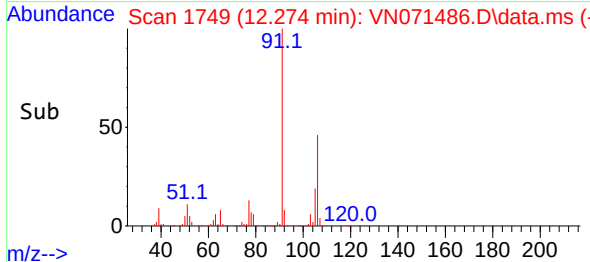
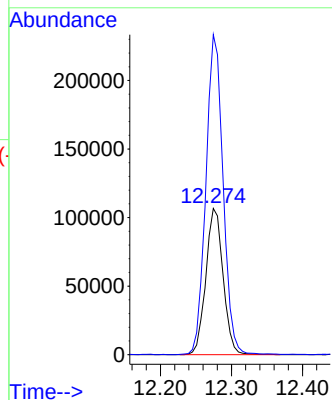
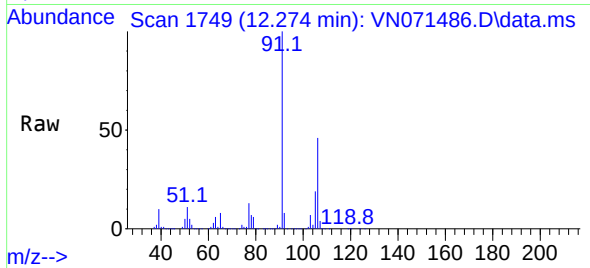




#69
o-Xylene
Concen: 11.672 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

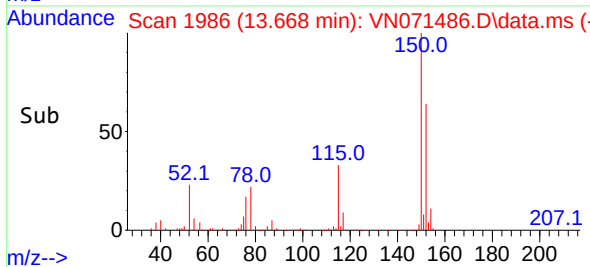
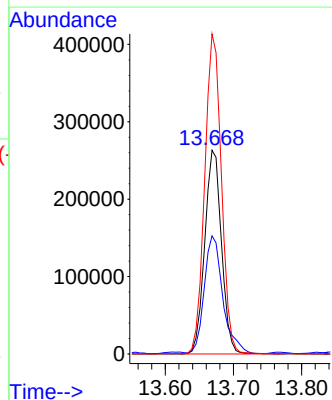
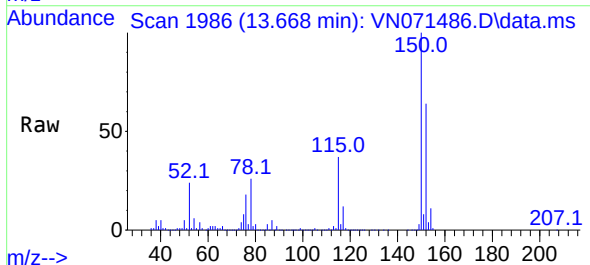
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

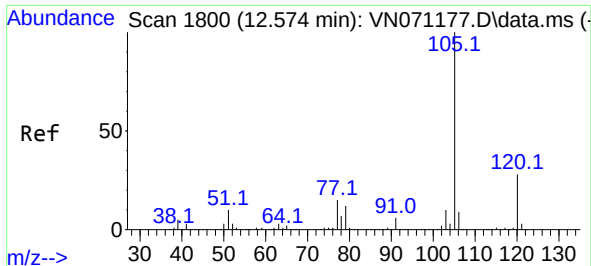
Tgt Ion:106 Resp: 180345
Ion Ratio Lower Upper
106 100
91 218.0 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:152 Resp: 449707
Ion Ratio Lower Upper
152 100
115 64.2 27.5 82.5
150 156.7 0.0 344.4

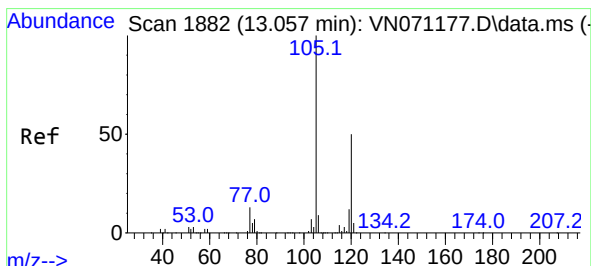
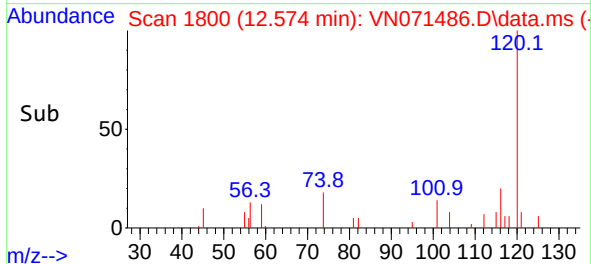
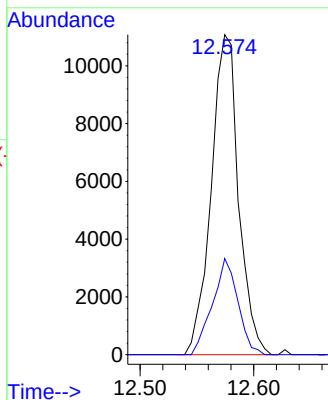
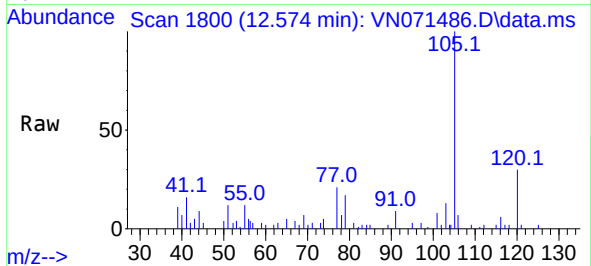




#73
Isopropylbenzene
Concen: 0.428 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

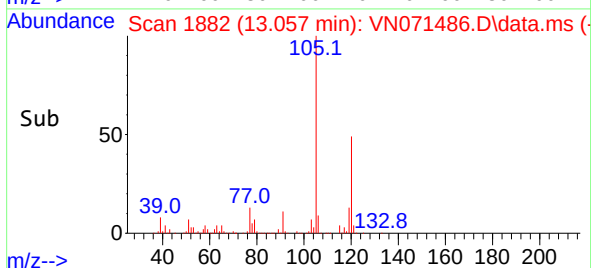
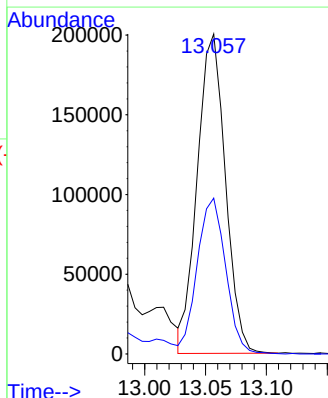
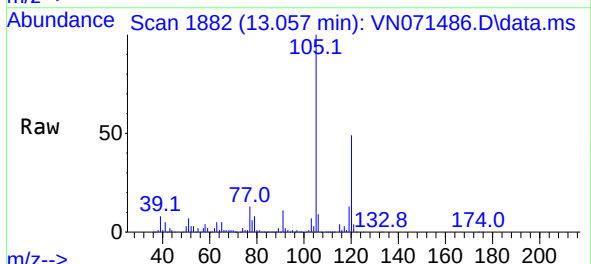
Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

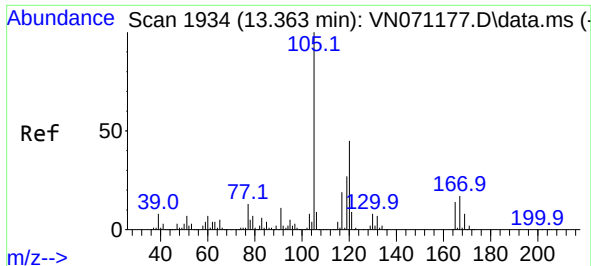
Tgt Ion:105 Resp: 18558
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.1



#80
1,3,5-Trimethylbenzene
Concen: 9.531 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:105 Resp: 321470
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6

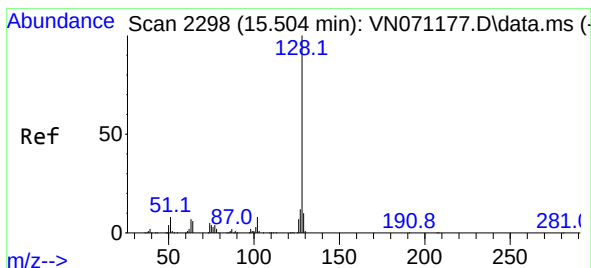
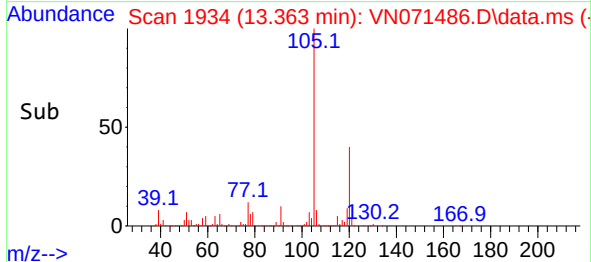
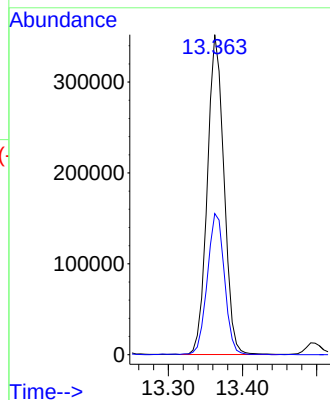
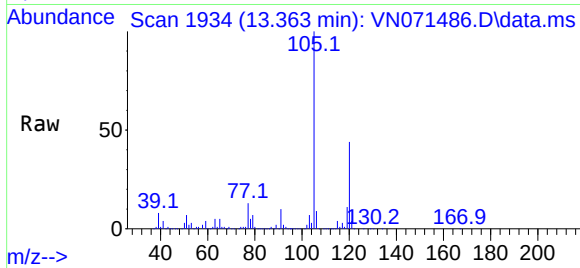




#84
1,2,4-Trimethylbenzene
Concen: 16.976 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Instrument :
MSVOA_N
ClientSampleId :
C-21-21-23

Tgt Ion:105 Resp: 548431
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4



#95
Naphthalene
Concen: 19.706 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071486.D
Acq: 23 Mar 2022 00:36

Tgt Ion:128 Resp: 335819
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.5 8.7 13.1

