

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072054.D
 Acq On : 19 Apr 2022 17:02
 Operator : JC\MD
 Sample : N2468-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-6

Quant Time: Apr 20 01:27:15 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)

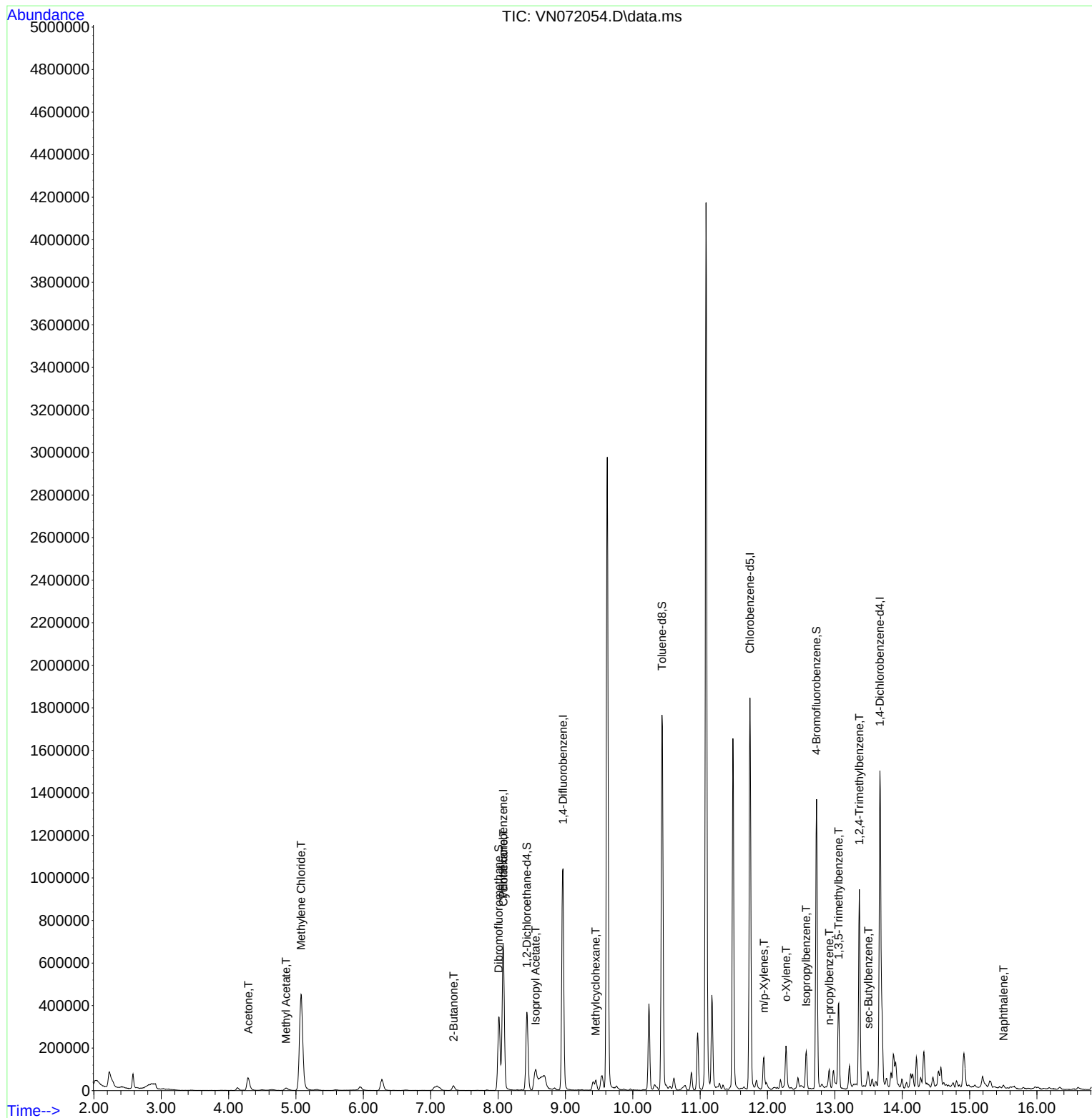
Internal Standards						
1) Pentafluorobenzene	8.075	168	572895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	981046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1119818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	445996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	303067	46.339	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.680%		
35) Dibromofluoromethane	8.010	113	261454	45.290	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.580%		
50) Toluene-d8	10.433	98	1300236	55.058	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.120%		
62) 4-Bromofluorobenzene	12.727	95	476432	62.379	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	124.760%		
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	111463	39.878	ug/l	98
18) Methyl Acetate	4.851	43	28218	2.643	ug/l	94
20) Methylene Chloride	5.075	84	418449	71.028	ug/l	98
25) 2-Butanone	7.340	43	39591	9.825	ug/l	97
31) Cyclohexane	8.081	56	19823	2.229	ug/l #	37
39) Methylcyclohexane	9.451	83	20294	2.115	ug/l	92
43) Isopropyl Acetate	8.557	43	136714	9.315	ug/l #	71
68) m/p-Xylenes	11.945	106	46278	3.173	ug/l	94
69) o-Xylene	12.274	106	56402	3.896	ug/l	97
73) Isopropylbenzene	12.574	105	123640	3.290	ug/l	100
78) n-propylbenzene	12.916	91	72212	1.827	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	223296	7.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	534431	18.395	ug/l	99
85) sec-Butylbenzene	13.498	105	36701	1.040	ug/l #	74
95) Naphthalene	15.504	128	15547	4.510	ug/l #	91

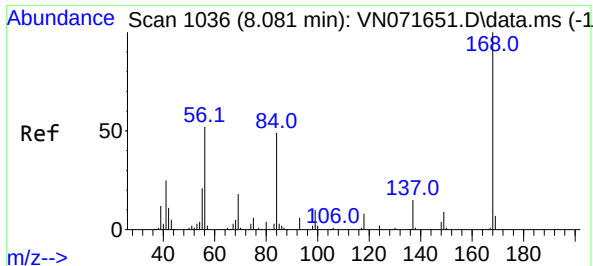
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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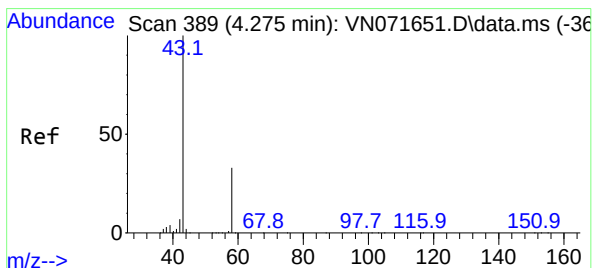
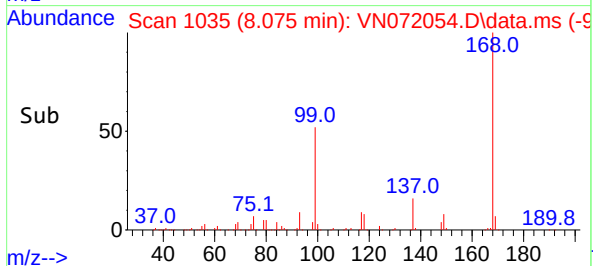
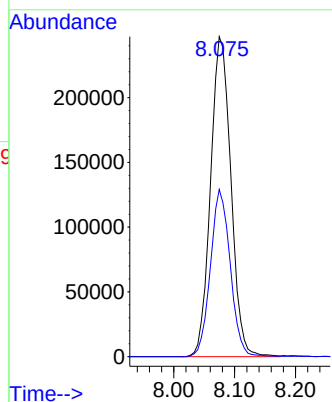
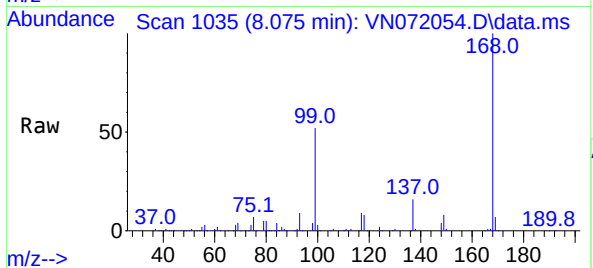




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

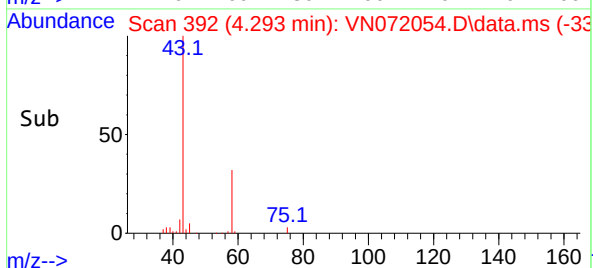
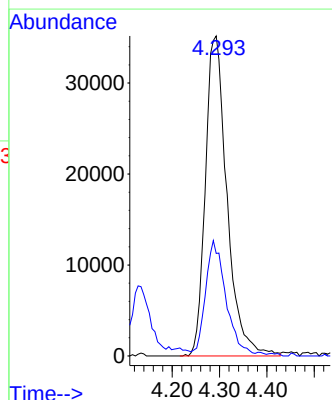
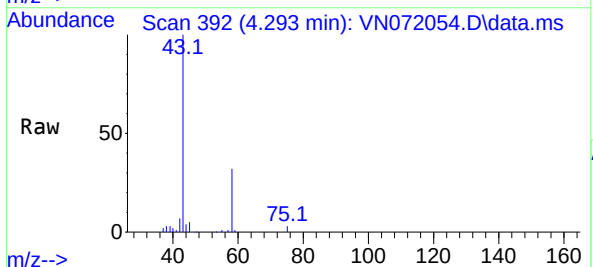
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

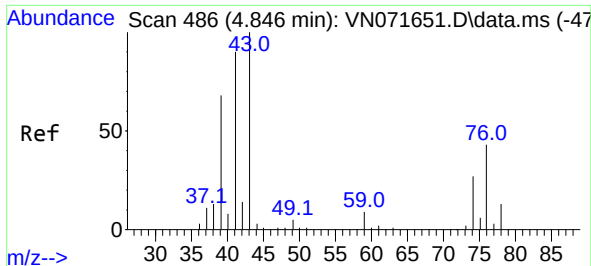
Tgt Ion:168 Resp: 572895
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#16
Acetone
Concen: 39.878 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 43 Resp: 111463
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0

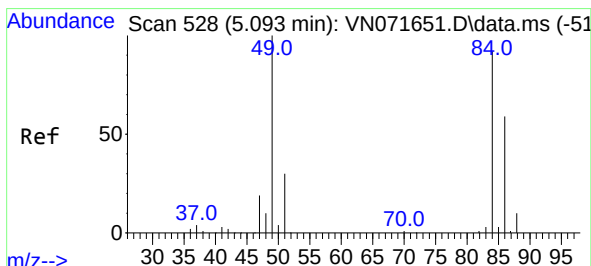
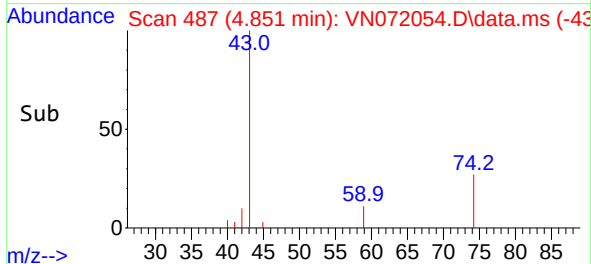
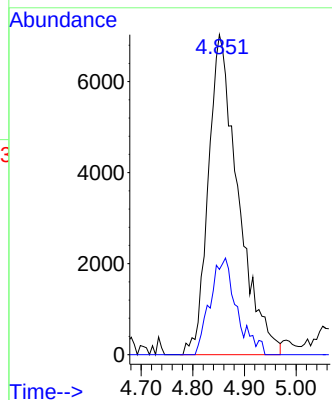
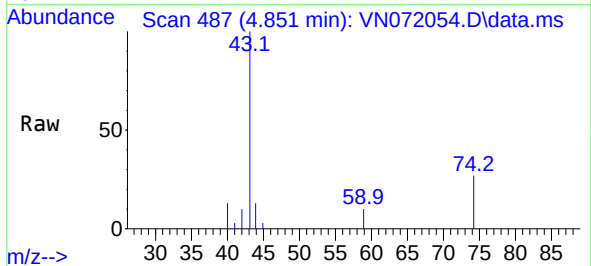




#18
Methyl Acetate
Concen: 2.643 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

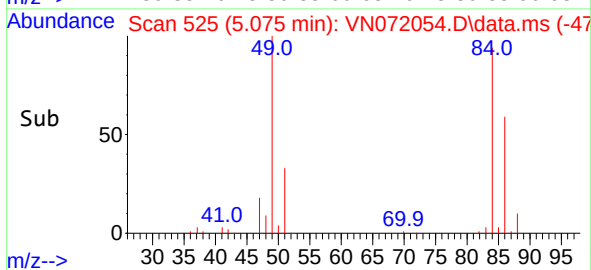
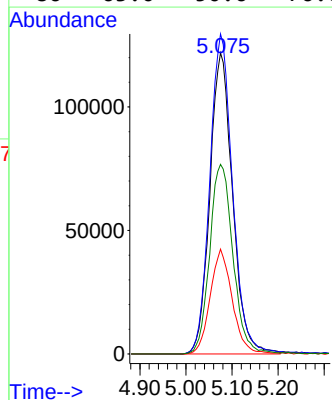
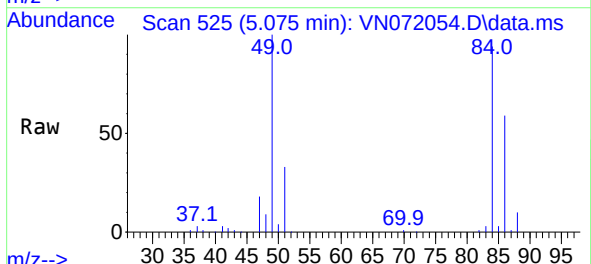
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

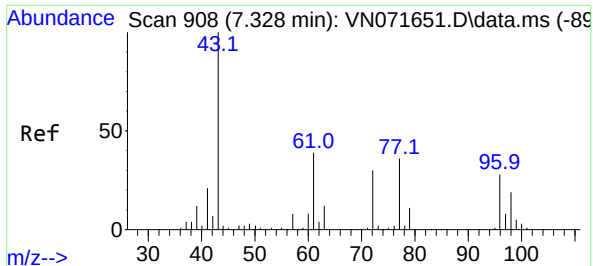
Tgt Ion: 43 Resp: 28218
Ion Ratio Lower Upper
43 100
74 24.1 21.6 32.4



#20
Methylene Chloride
Concen: 71.028 ug/l
RT: 5.075 min Scan# 525
Delta R.T. -0.018 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 84 Resp: 418449
Ion Ratio Lower Upper
84 100
49 106.2 88.3 132.5
51 34.8 28.2 42.2
86 63.0 50.6 76.0





#25

2-Butanone

Concen: 9.825 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN072054.D

Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

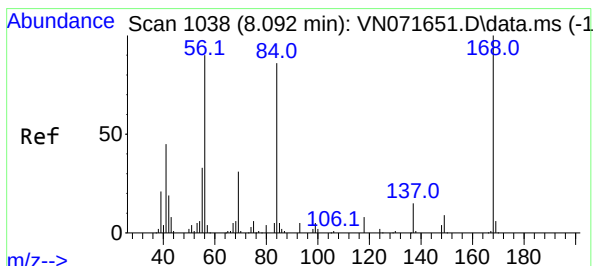
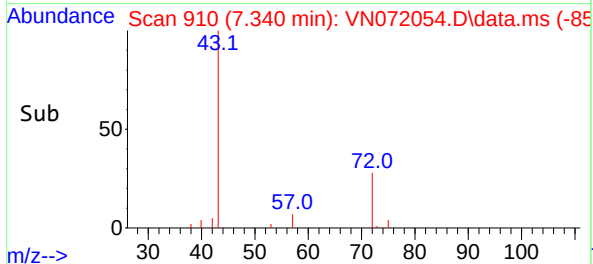
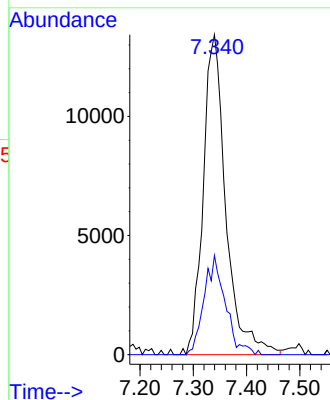
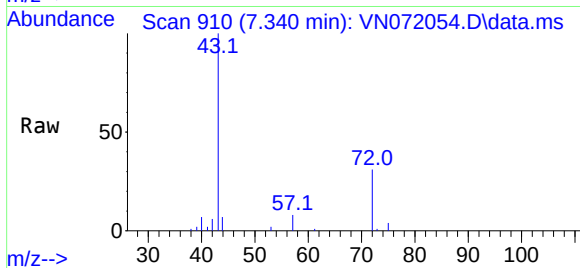
WC-15-1-6

Tgt Ion: 43 Resp: 39591

Ion Ratio Lower Upper

43 100

72 31.0 23.7 35.5



#31

Cyclohexane

Concen: 2.229 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072054.D

Acq: 19 Apr 2022 17:02

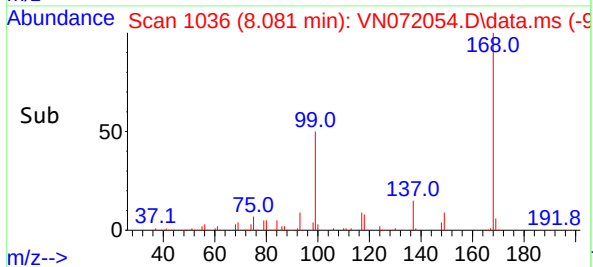
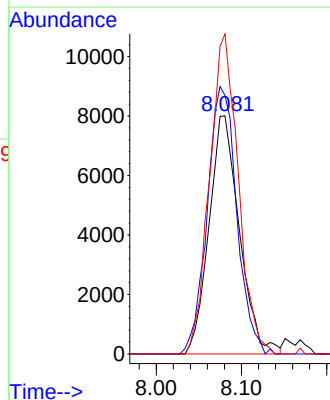
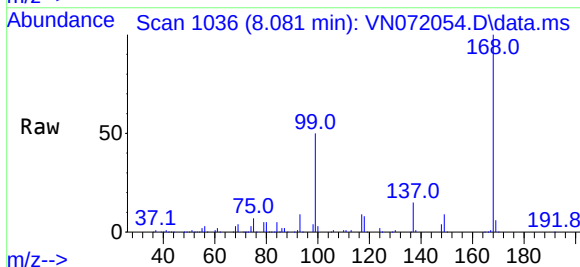
Tgt Ion: 56 Resp: 19823

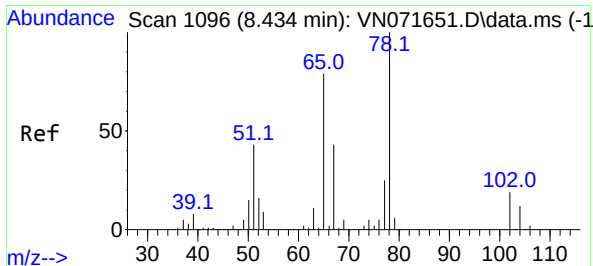
Ion Ratio Lower Upper

56 100

69 108.6 27.8 41.8#

84 134.4 76.9 115.3#

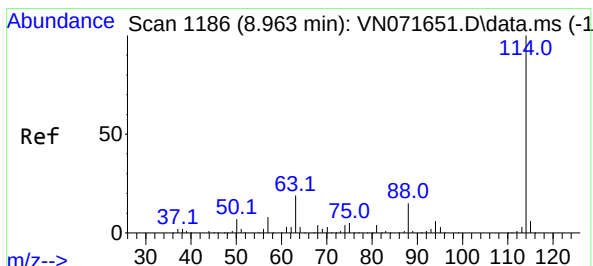
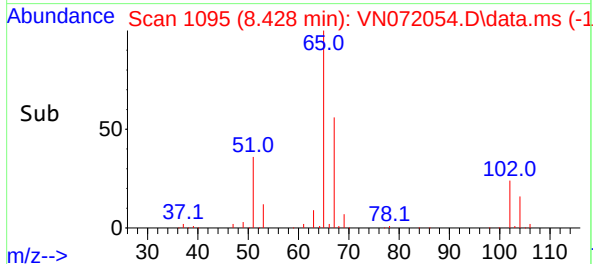
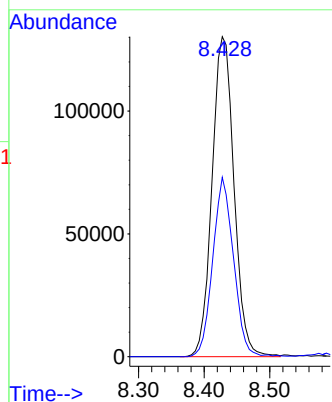
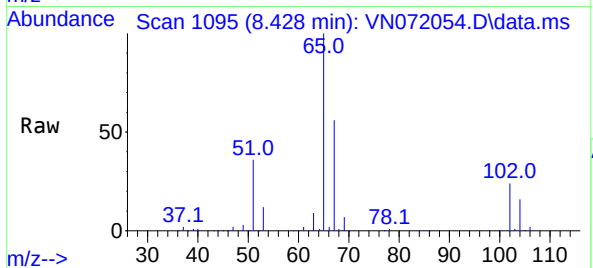




#33
1,2-Dichloroethane-d4
Concen: 46.339 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

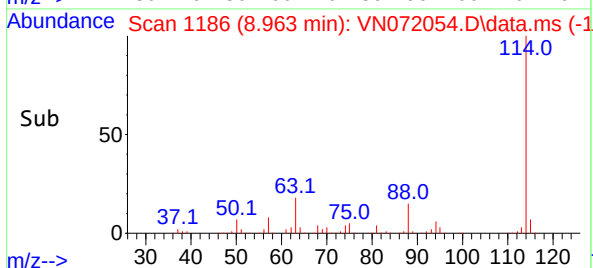
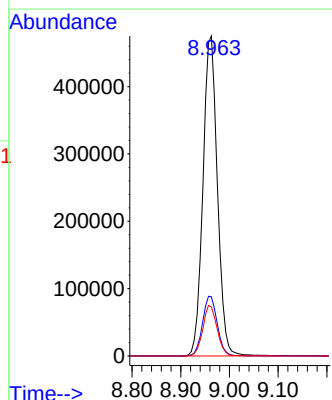
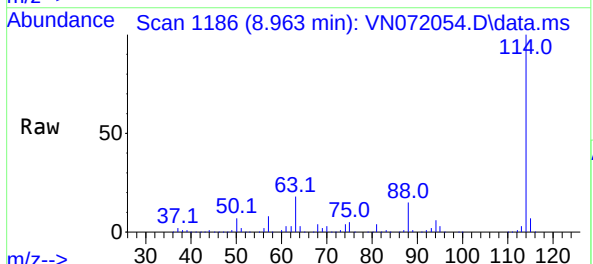
Instrument :
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WC-15-1-6

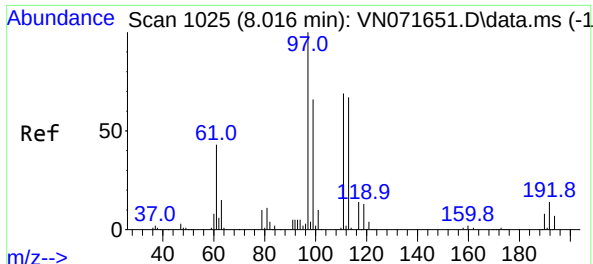
Tgt Ion: 65 Resp: 303067
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 114 Resp: 981046
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.3 0.0 32.6

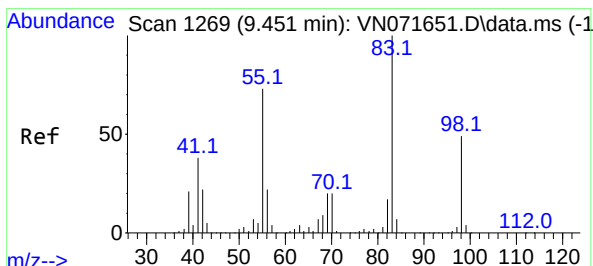
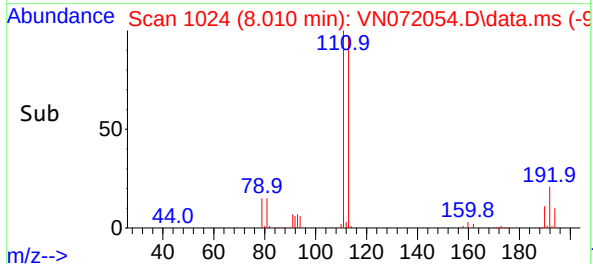
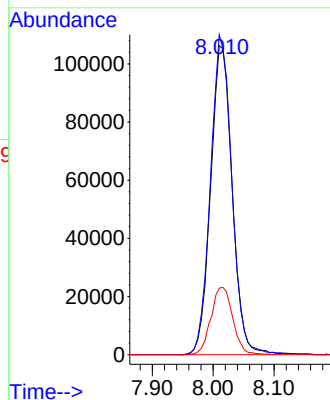
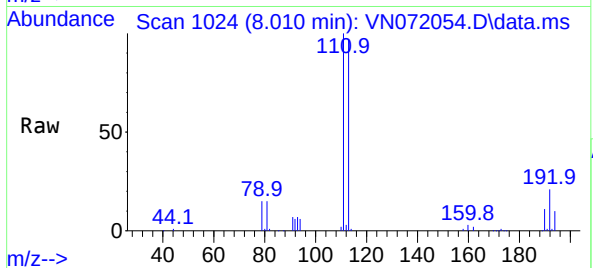




#35
Dibromofluoromethane
Concen: 45.290 ug/l
RT: 8.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

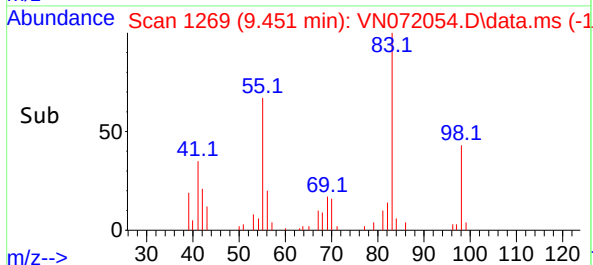
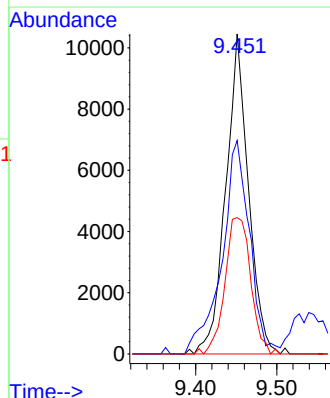
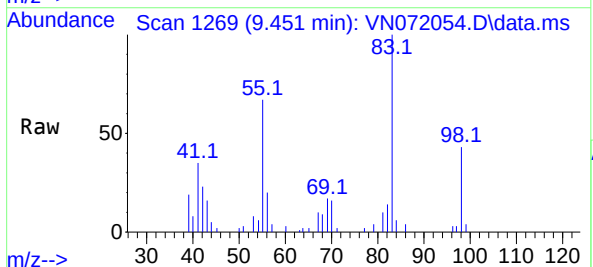
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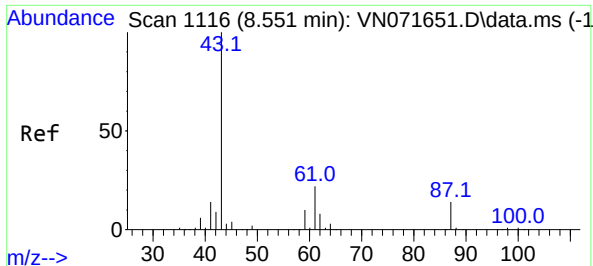
Tgt Ion:113 Resp: 261454
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 22.1 17.0 25.6



#39
Methylcyclohexane
Concen: 2.115 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 83 Resp: 20294
Ion Ratio Lower Upper
83 100
55 66.7 57.8 86.8
98 42.6 39.4 59.2

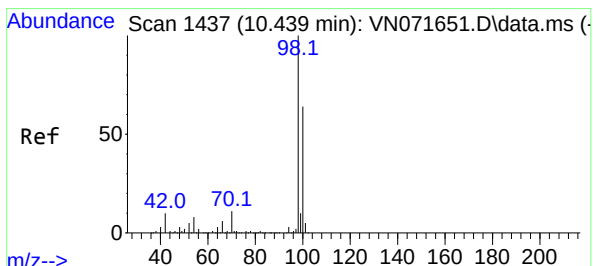
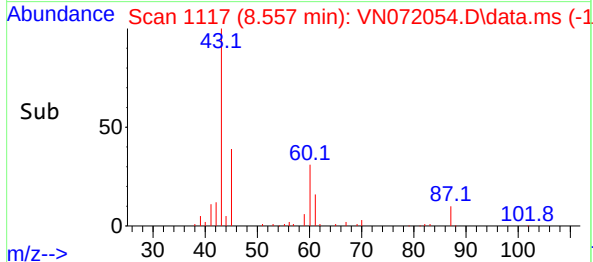
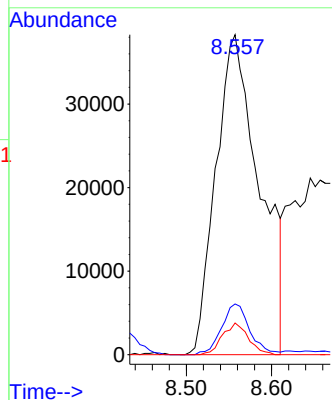
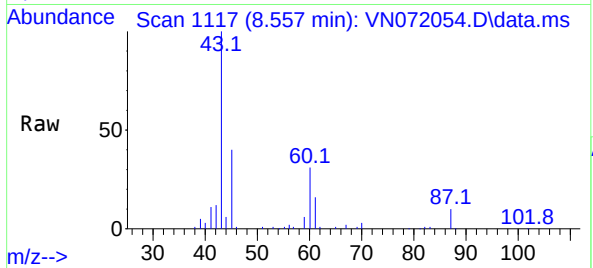




#43
Isopropyl Acetate
Concen: 9.315 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

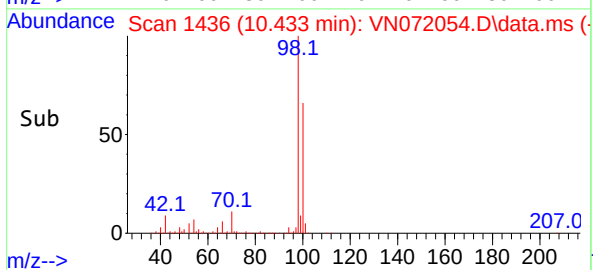
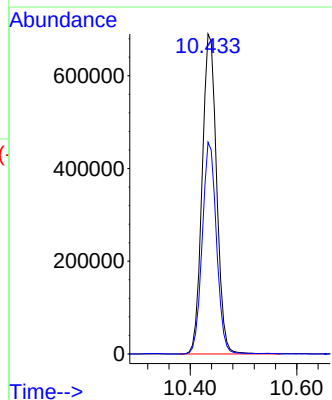
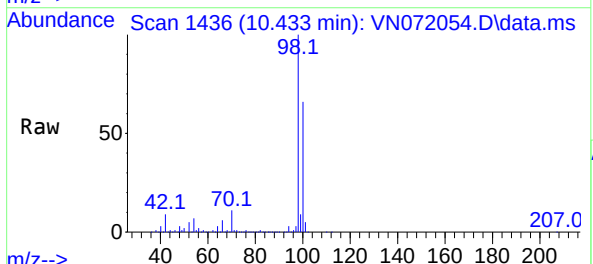
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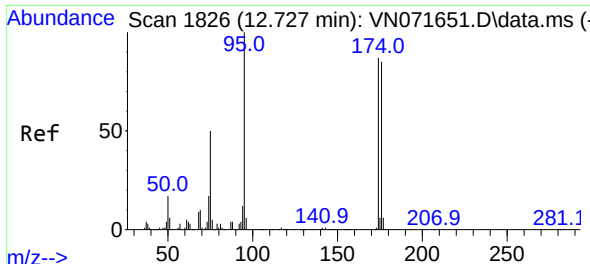
Tgt Ion: 43 Resp: 136714
Ion Ratio Lower Upper
43 100
61 10.2 21.9 32.9#
87 5.9 12.0 18.0#



#50
Toluene-d8
Concen: 55.058 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 98 Resp: 1300236
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

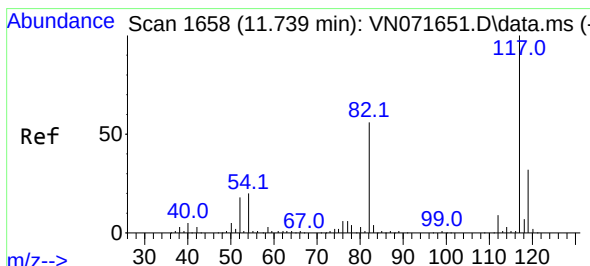
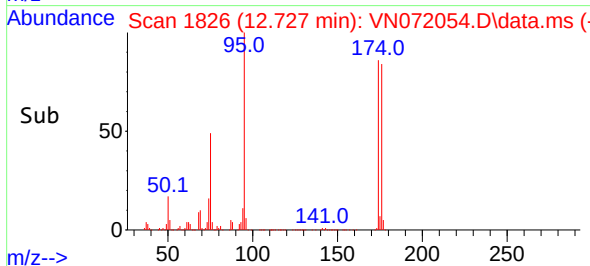
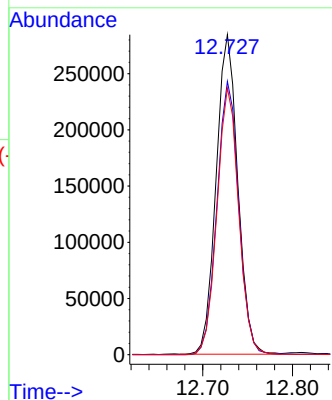
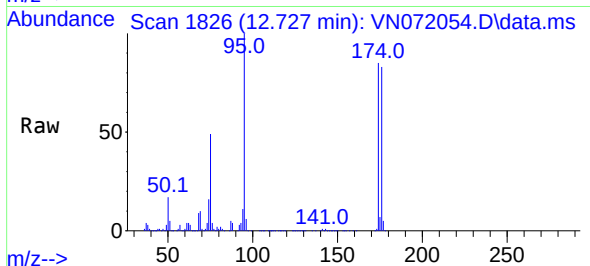




#62
4-Bromofluorobenzene
Concen: 62.379 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

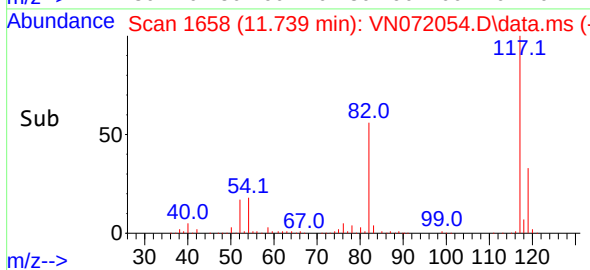
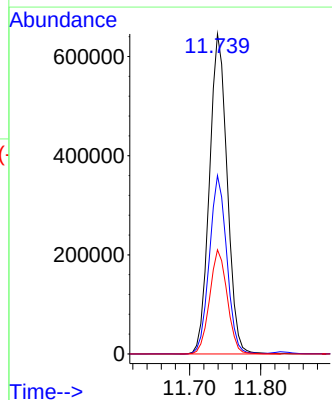
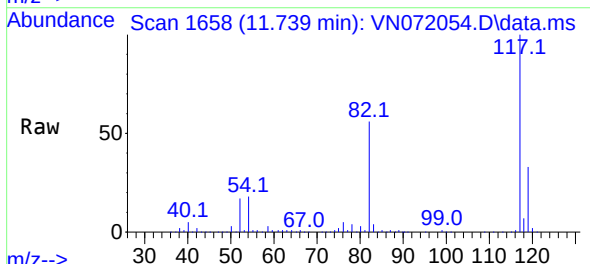
Instrument :
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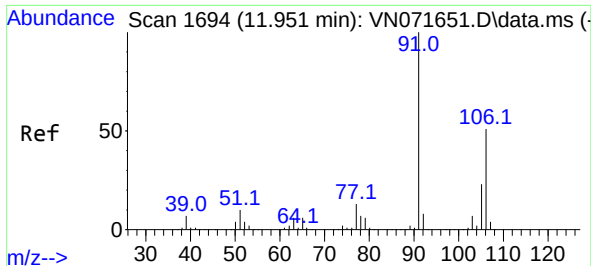
Tgt Ion: 95 Resp: 476432
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 83.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion: 117 Resp: 1119818
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.5 25.4 38.0

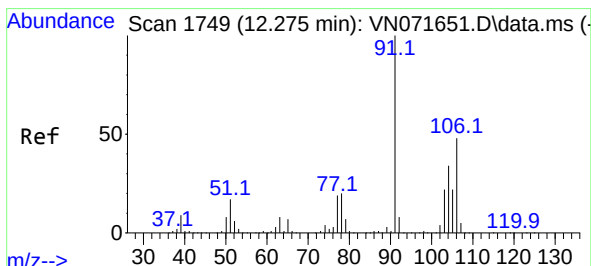
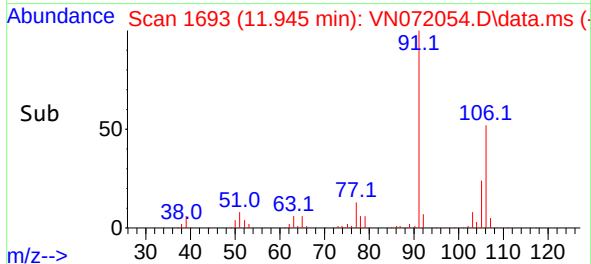
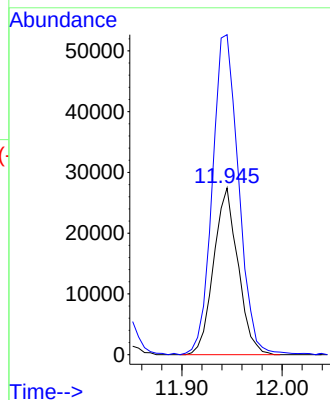
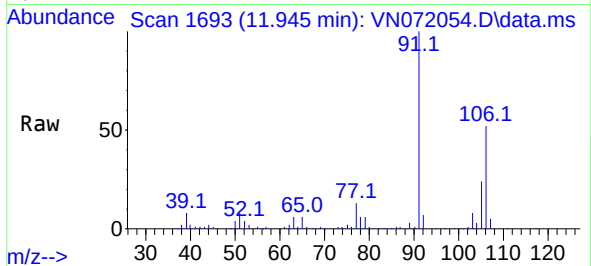




#68
m/p-Xylenes
Concen: 3.173 ug/l
RT: 11.945 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

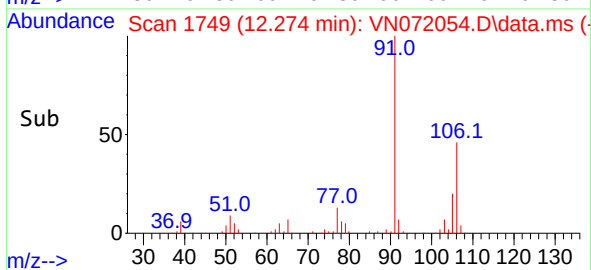
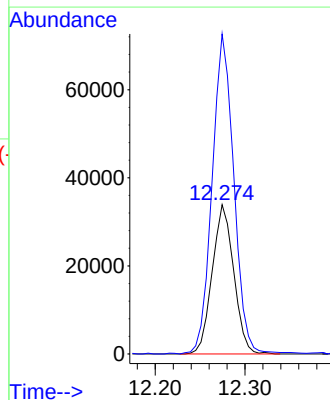
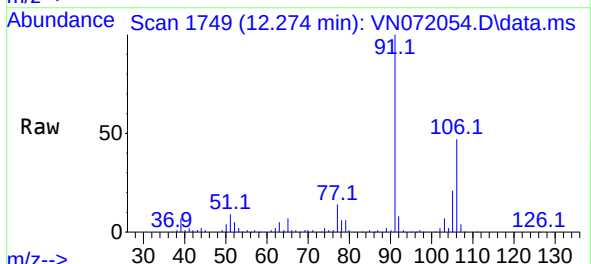
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

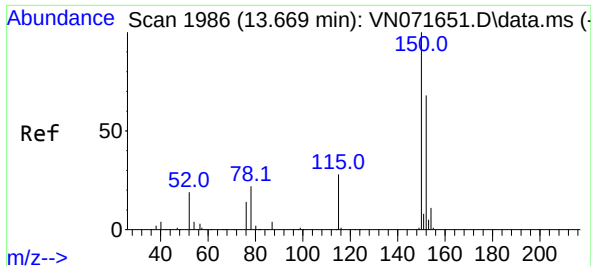
Tgt Ion:106 Resp: 46278
Ion Ratio Lower Upper
106 100
91 207.4 158.9 238.3



#69
o-Xylene
Concen: 3.896 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion:106 Resp: 56402
Ion Ratio Lower Upper
106 100
91 217.0 106.0 318.0

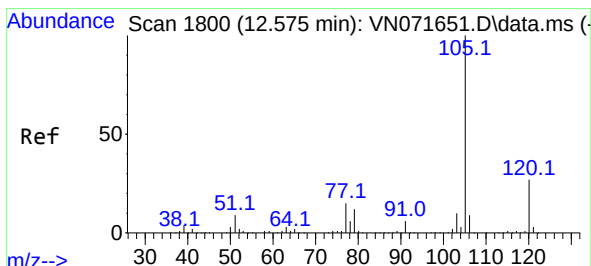
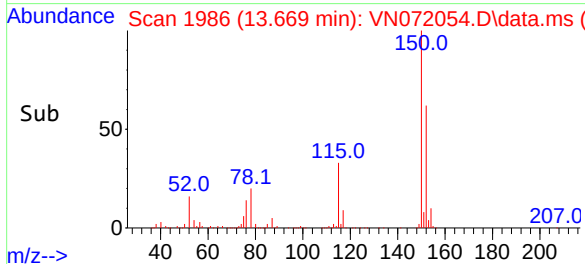
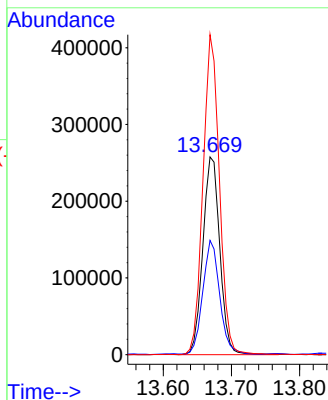
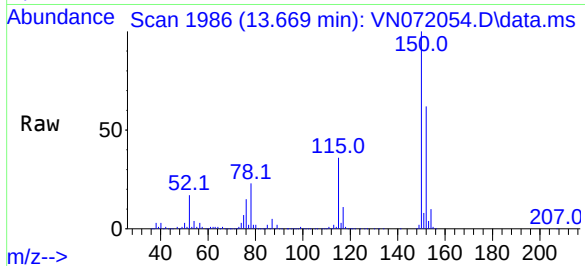




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

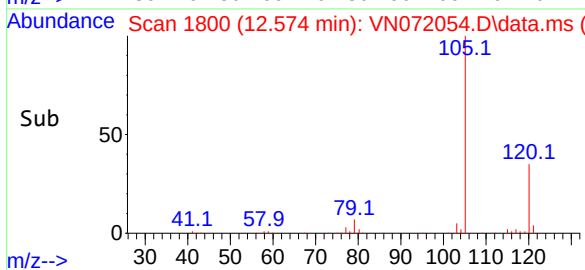
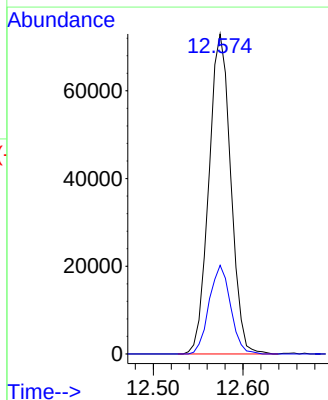
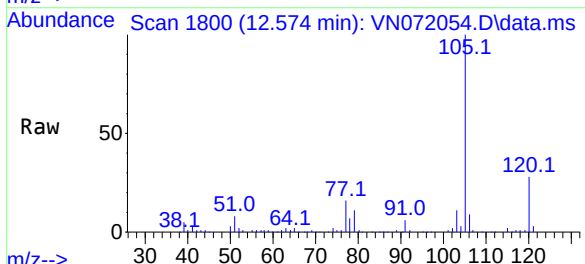
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

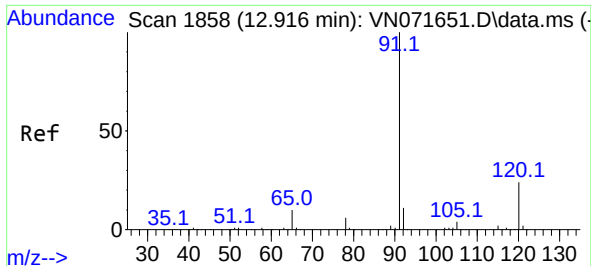
Tgt Ion:152 Resp: 445996
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 156.5 0.0 356.2



#73
Isopropylbenzene
Concen: 3.290 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion:105 Resp: 123640
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

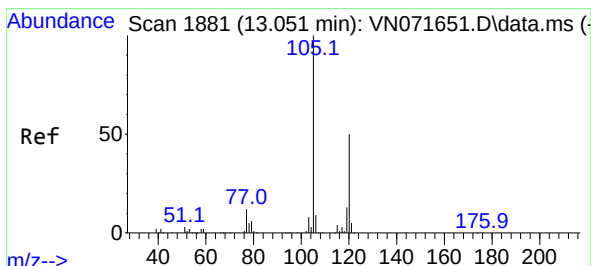
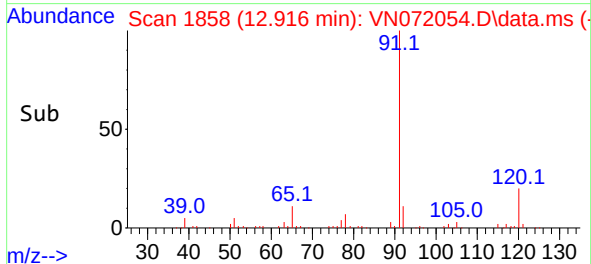
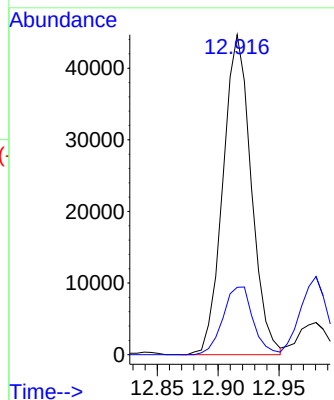
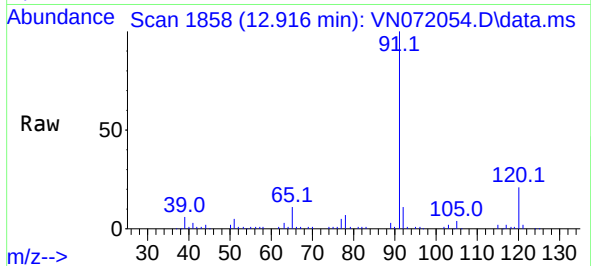




#78
n-propylbenzene
Concen: 1.827 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

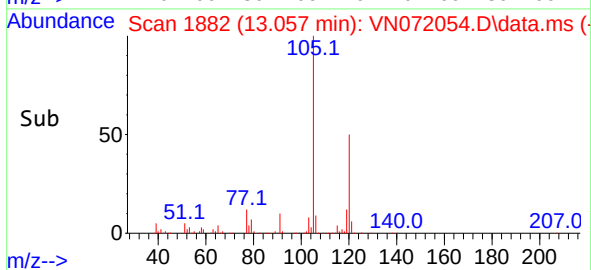
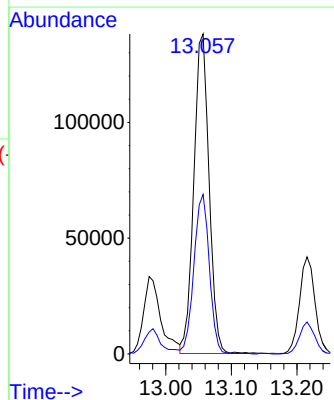
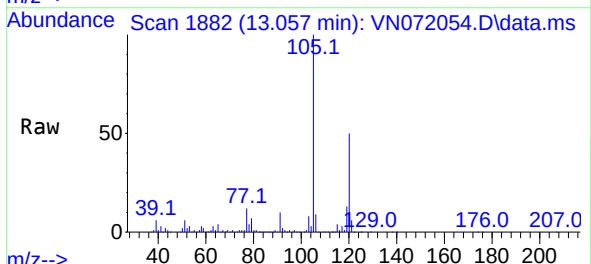
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

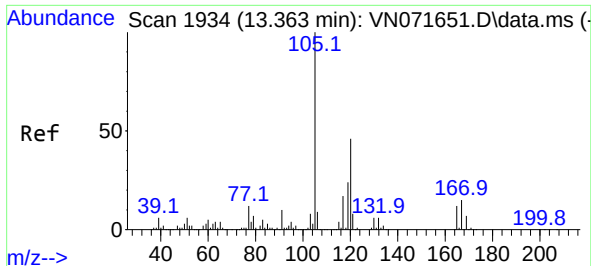
Tgt Ion: 91 Resp: 72212
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 7.499 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion:105 Resp: 223296
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7

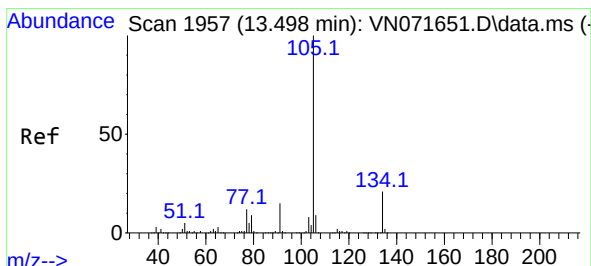
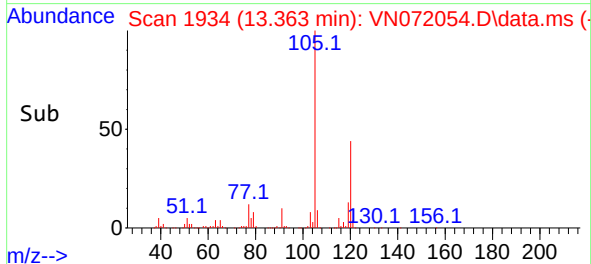
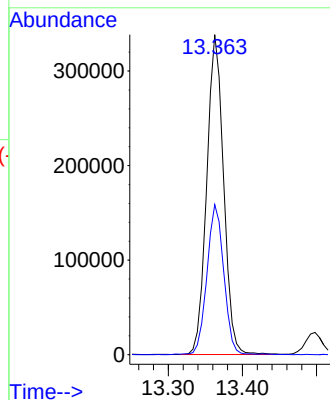
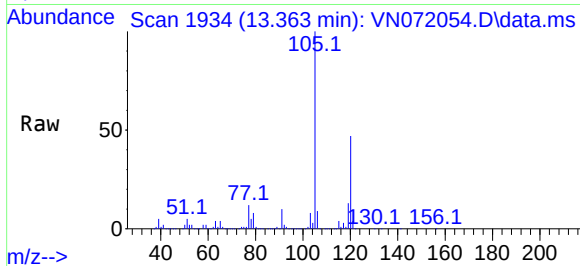




#84
1,2,4-Trimethylbenzene
Concen: 18.395 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

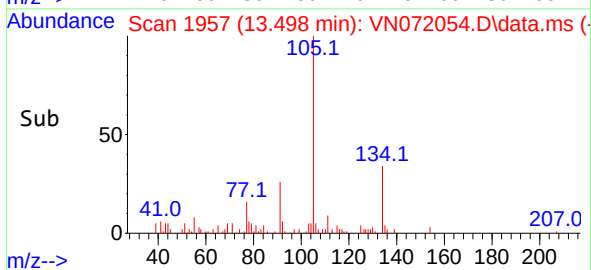
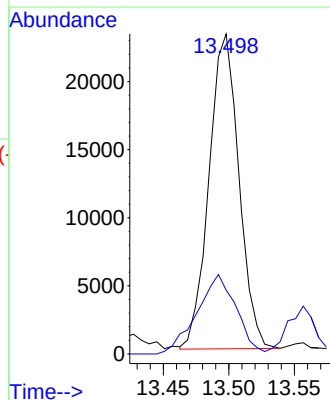
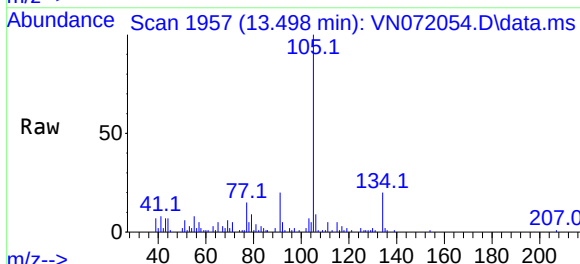
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-6

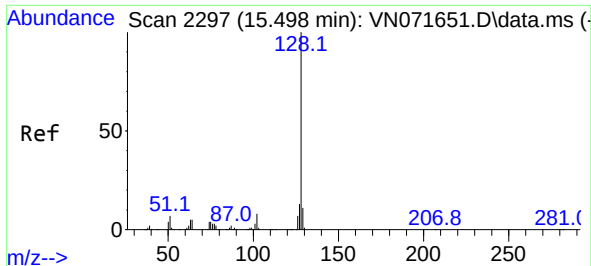
Tgt Ion:105 Resp: 534431
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.040 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072054.D
Acq: 19 Apr 2022 17:02

Tgt Ion:105 Resp: 36701
Ion Ratio Lower Upper
105 100
134 33.0 10.4 31.1#





#95

Naphthalene

Concen: 4.510 ug/l

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072054.D

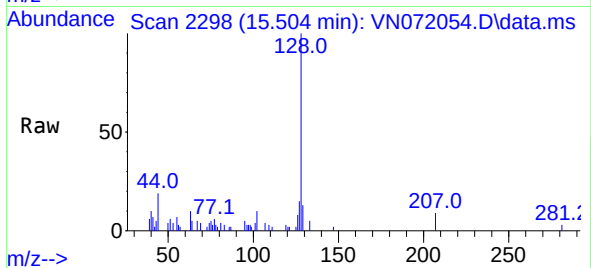
Acq: 19 Apr 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

WC-15-1-6



Tgt Ion:	128	Resp:	15547
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	16.9	8.6	13.0

