

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072051.D
 Acq On : 19 Apr 2022 15:49
 Operator : JC\MD
 Sample : N2452-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-5-GR

Quant Time: Apr 20 01:26:21 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	8.081	168	686480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1153736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1354307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	537999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	362805	46.294	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.580%
35) Dibromofluoromethane	8.016	113	316624	46.637	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.280%
50) Toluene-d8	10.433	98	1542081	55.525	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.060%
62) 4-Bromofluorobenzene	12.727	95	572112	63.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	127.380%

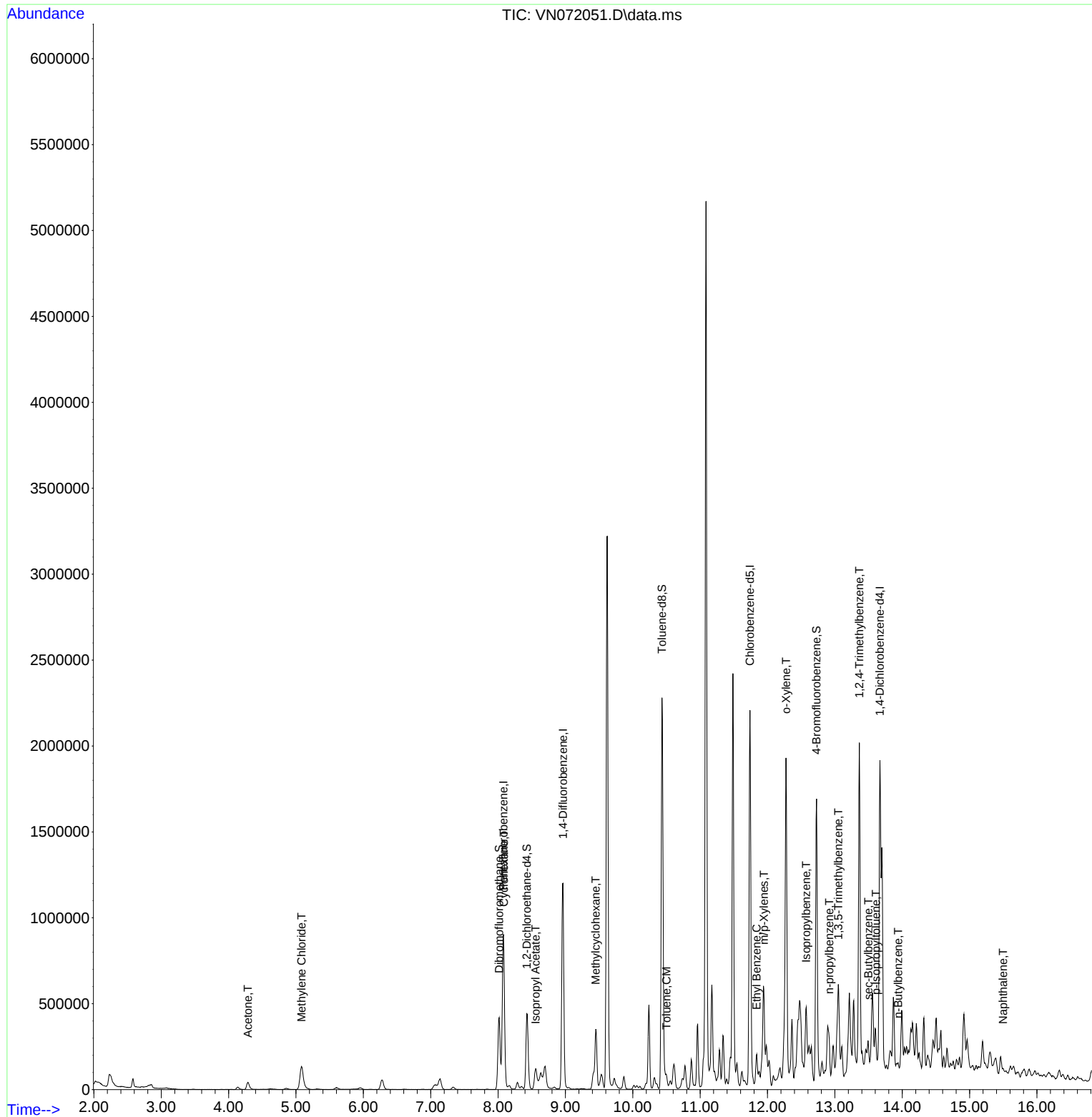
Target Compounds						Qvalue
16) Acetone	4.287	43	71916	21.472	ug/l	97
20) Methylene Chloride	5.081	84	121765	17.249	ug/l	95
31) Cyclohexane	8.087	56	76604	7.188	ug/l #	84
39) Methylcyclohexane	9.451	83	159755	14.156	ug/l	99
43) Isopropyl Acetate	8.557	43	99696	5.776	ug/l #	75
52) Toluene	10.498	92	30401	1.606	ug/l	99
67) Ethyl Benzene	11.839	91	105790	2.304	ug/l	97
68) m/p-Xylenes	11.945	106	178194	10.102	ug/l	99
69) o-Xylene	12.275	106	532573	30.420	ug/l	98
73) Isopropylbenzene	12.574	105	245750	5.421	ug/l	99
78) n-propylbenzene	12.916	91	167533	3.513	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	103924	2.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1105687	31.549	ug/l	99
85) sec-Butylbenzene	13.498	105	56109	1.318	ug/l	80
86) p-Isopropyltoluene	13.610	119	38854	1.145	ug/l	98
89) n-Butylbenzene	13.939	91	25471	1.012	ug/l #	79
95) Naphthalene	15.498	128	31318	4.984	ug/l	98

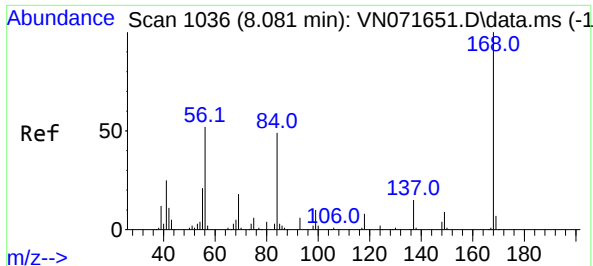
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
Data File : VN072051.D
Acq On : 19 Apr 2022 15:49
Operator : JC\MD
Sample : N2452-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

Quant Time: Apr 20 01:26:21 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

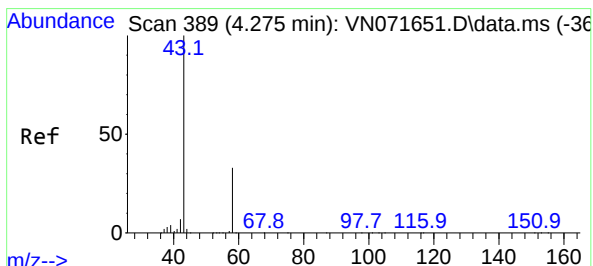
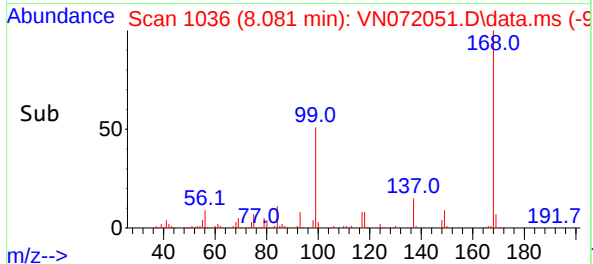
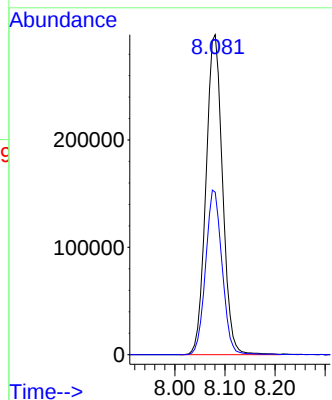
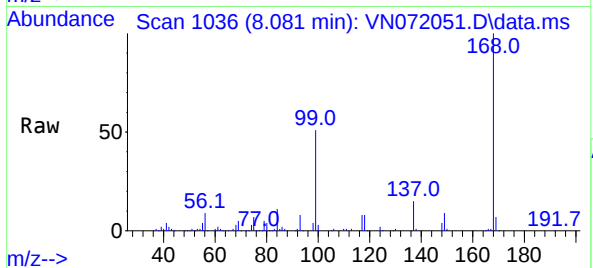




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

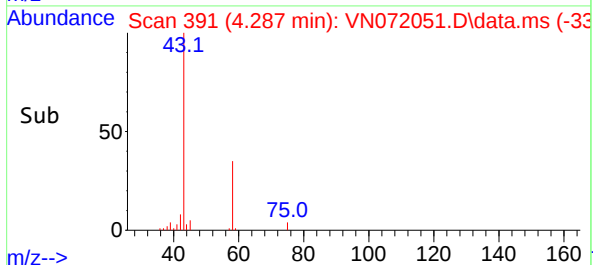
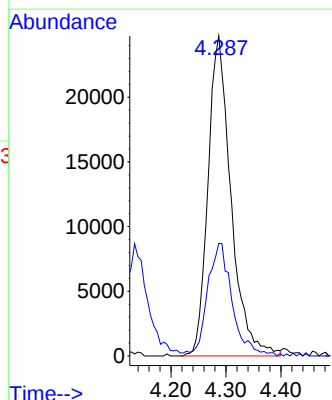
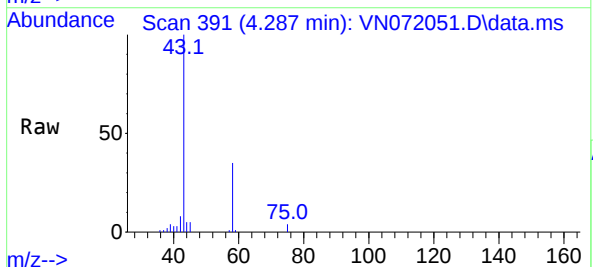
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

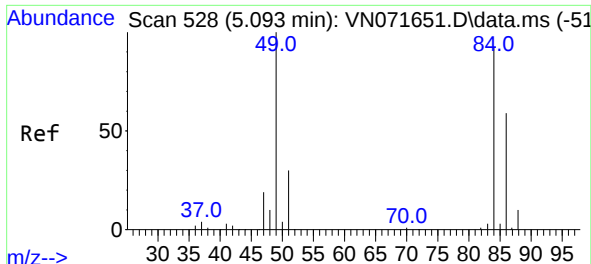
Tgt Ion:168 Resp: 686480
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5



#16
Acetone
Concen: 21.472 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 43 Resp: 71916
Ion Ratio Lower Upper
43 100
58 34.4 26.0 39.0



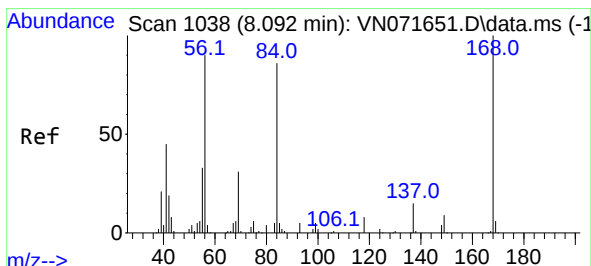
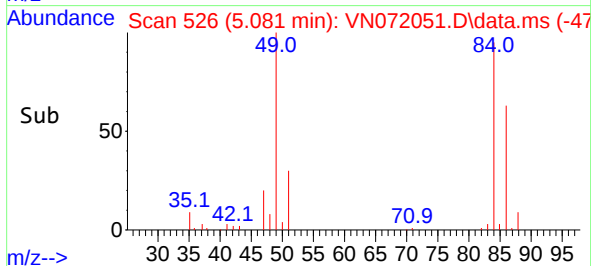
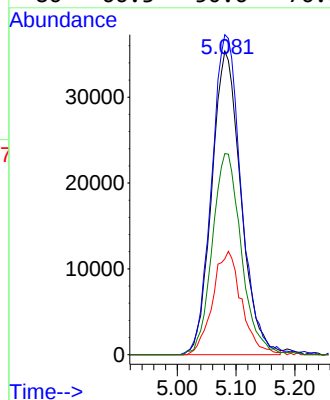
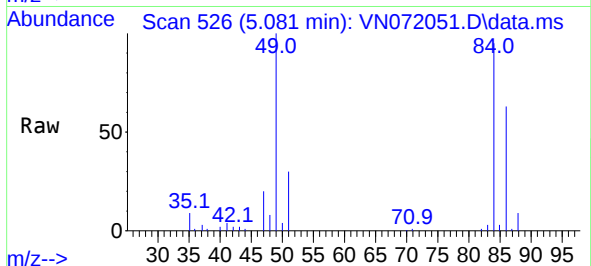


#20
Methylene Chloride
Concen: 17.249 ug/l
RT: 5.081 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

Tgt Ion: 84 Resp: 121765

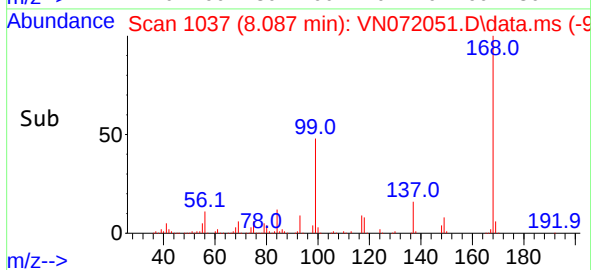
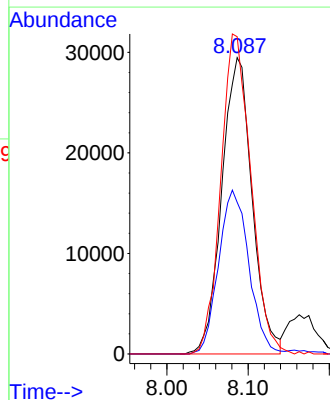
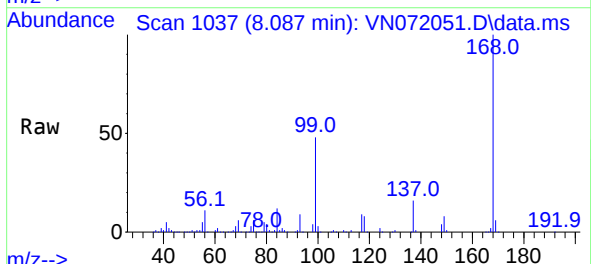
Ion	Ratio	Lower	Upper
84	100		
49	105.4	88.3	132.5
51	31.6	28.2	42.2
86	66.3	50.6	76.0

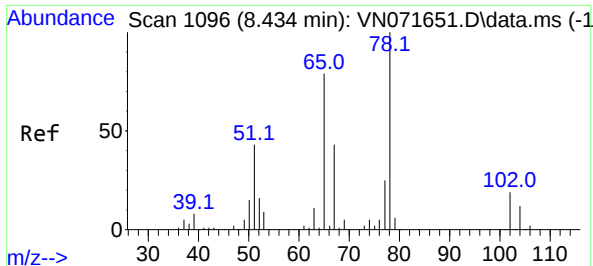


#31
Cyclohexane
Concen: 7.188 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 56 Resp: 76604

Ion	Ratio	Lower	Upper
56	100		
69	51.2	27.8	41.8#
84	107.1	76.9	115.3

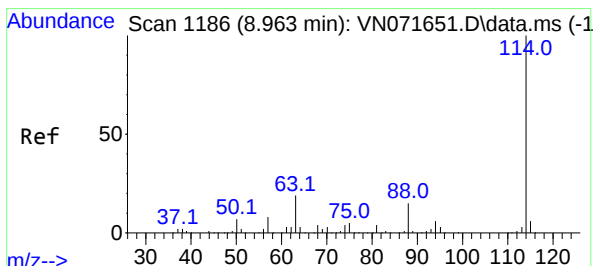
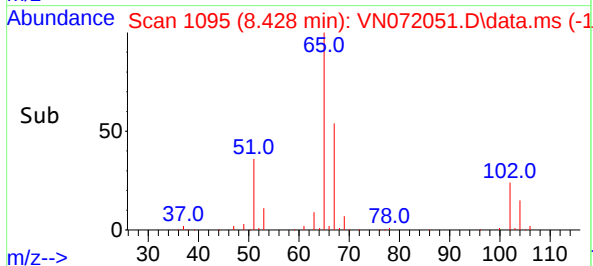
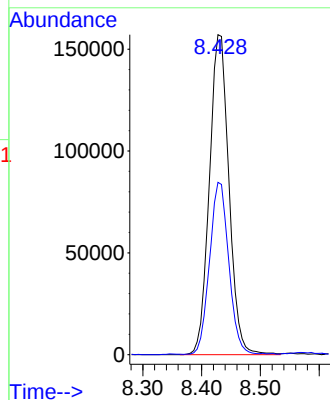
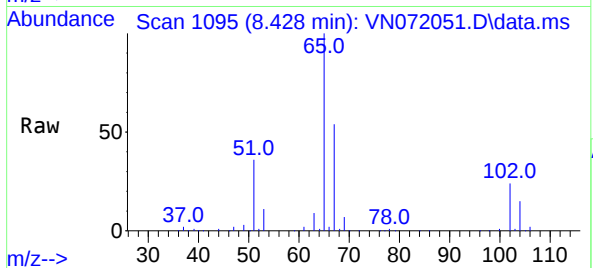




#33
1,2-Dichloroethane-d4
Concen: 46.294 ug/l
RT: 8.428 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

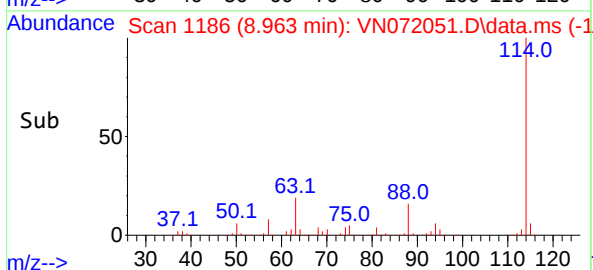
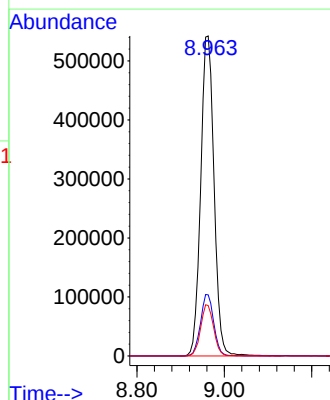
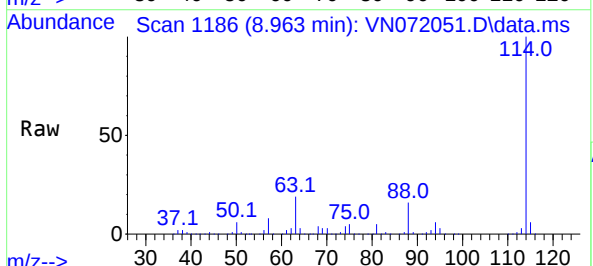
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

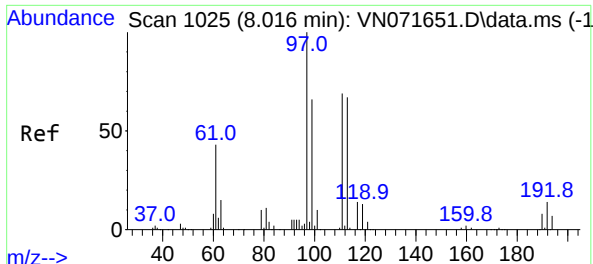
Tgt Ion: 65 Resp: 362805
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 114 Resp: 1153736
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.8 0.0 32.6

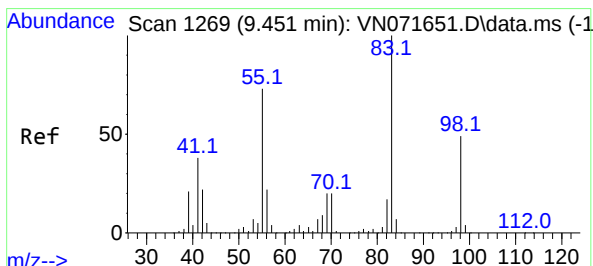
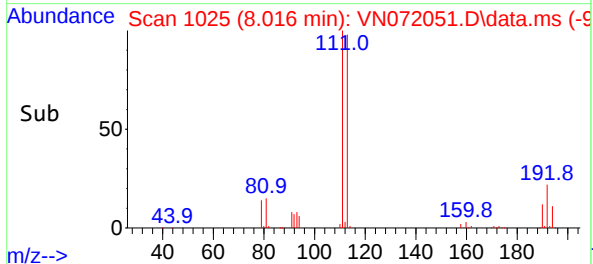
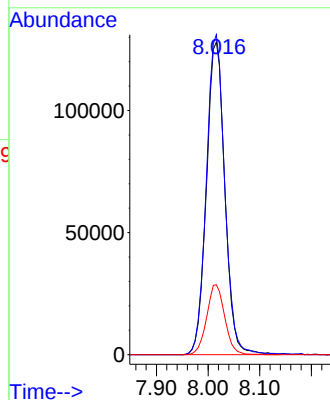
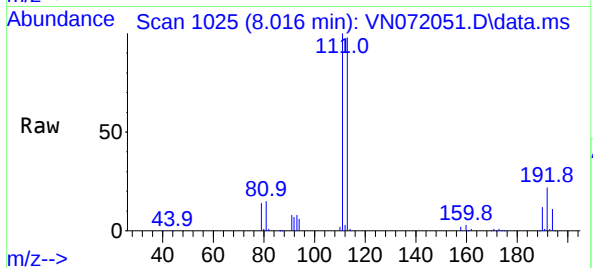




#35
Dibromofluoromethane
Concen: 46.637 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

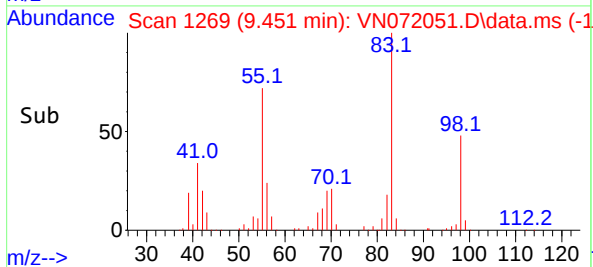
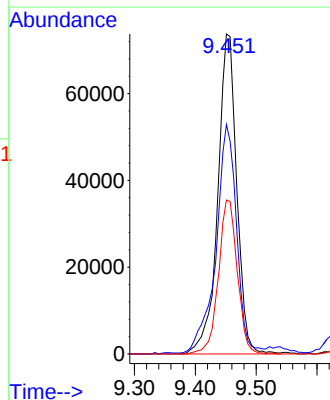
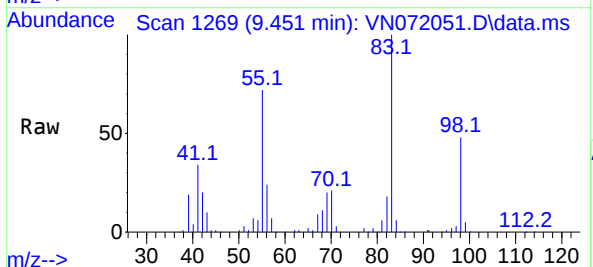
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

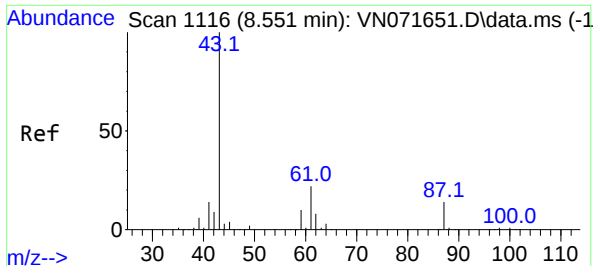
Tgt Ion:113 Resp: 316624
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 22.0 17.0 25.6



#39
Methylcyclohexane
Concen: 14.156 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 83 Resp: 159755
Ion Ratio Lower Upper
83 100
55 71.4 57.8 86.8
98 48.1 39.4 59.2

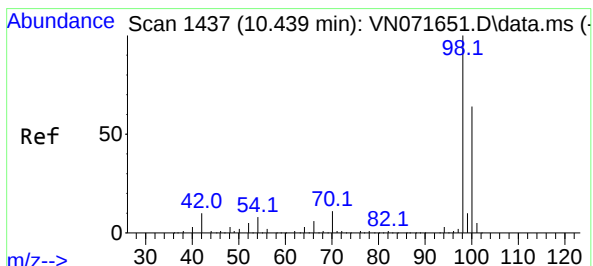
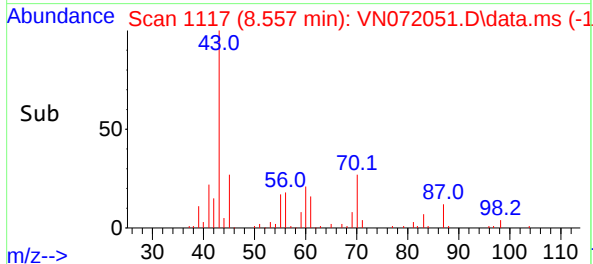
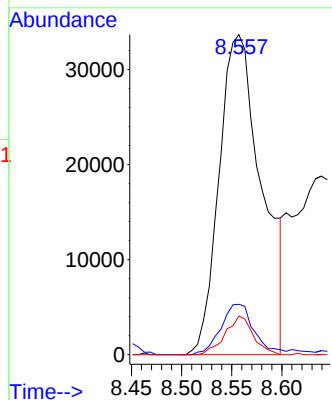
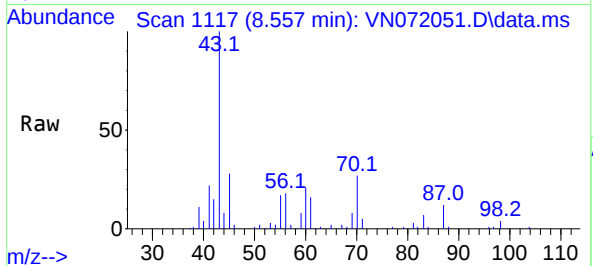




#43
Isopropyl Acetate
Concen: 5.776 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

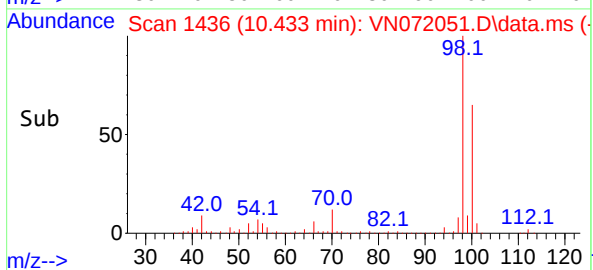
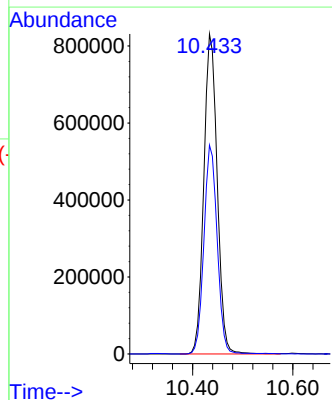
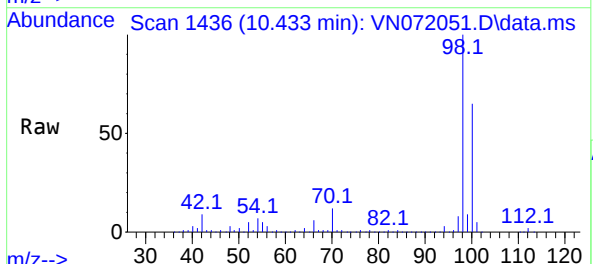
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

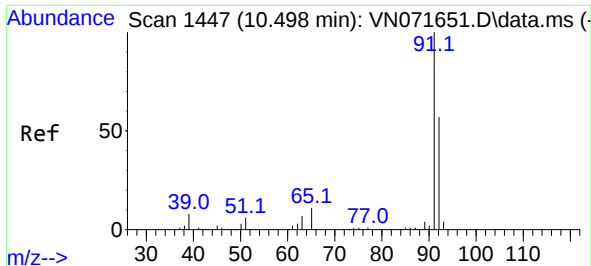
Tgt Ion: 43 Resp: 99696
Ion Ratio Lower Upper
43 100
61 12.3 21.9 32.9#
87 7.9 12.0 18.0#



#50
Toluene-d8
Concen: 55.525 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 98 Resp: 1542081
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

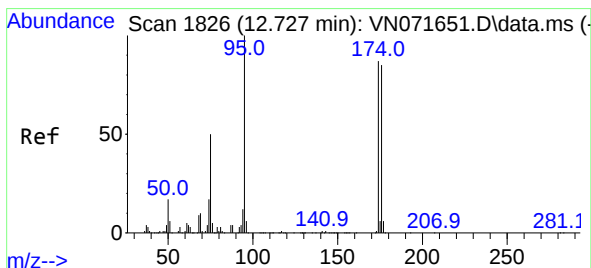
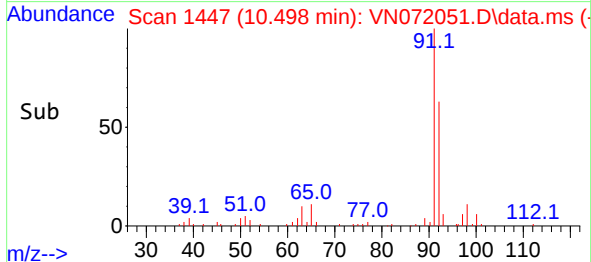
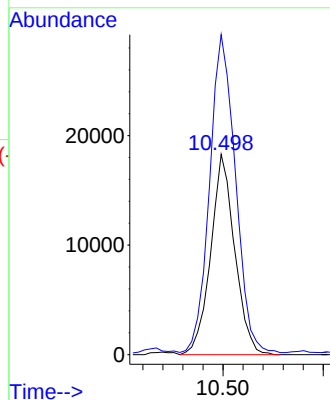
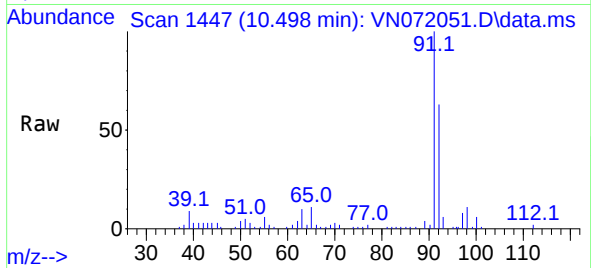




#52
Toluene
Concen: 1.606 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

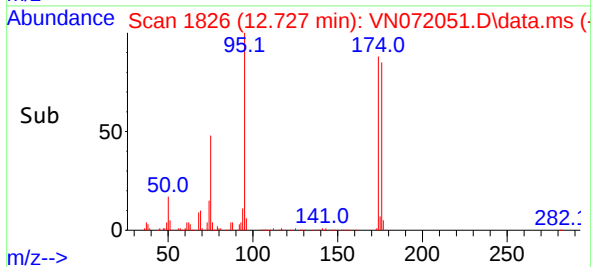
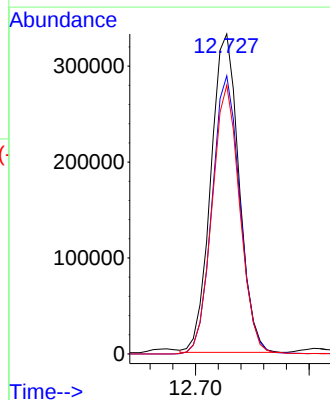
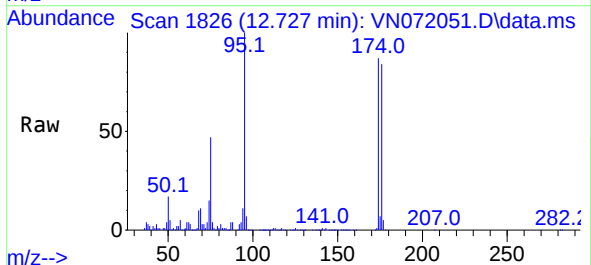
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

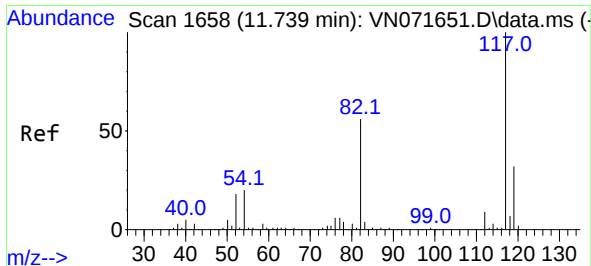
Tgt Ion: 92 Resp: 30401
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 63.695 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 95 Resp: 572112
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 83.0 0.0 163.4

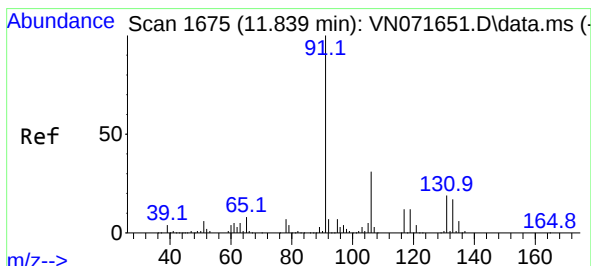
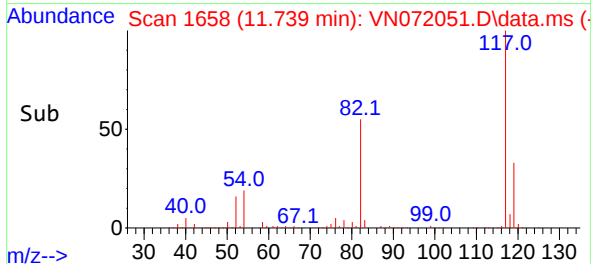
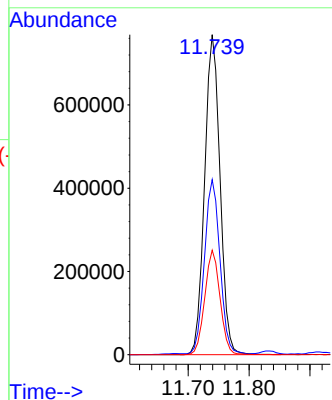
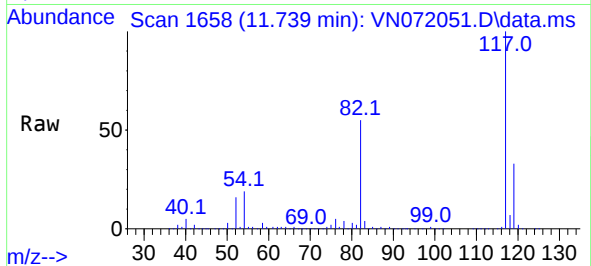




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

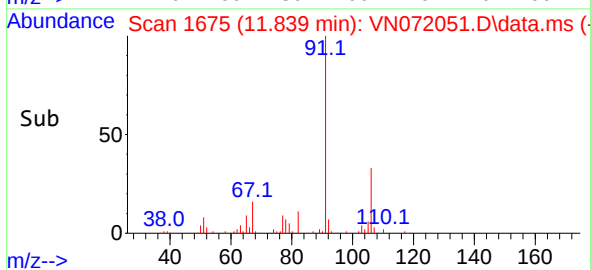
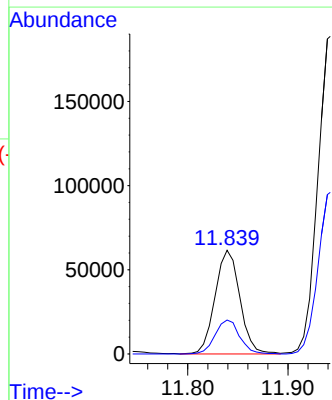
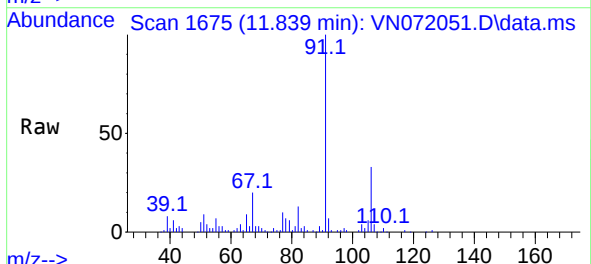
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

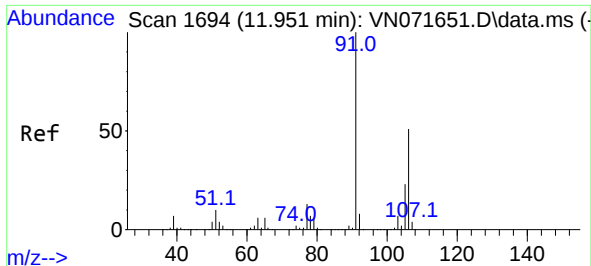
Tgt Ion:117 Resp: 1354307
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.7 25.4 38.0



#67
Ethyl Benzene
Concen: 2.304 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 91 Resp: 105790
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

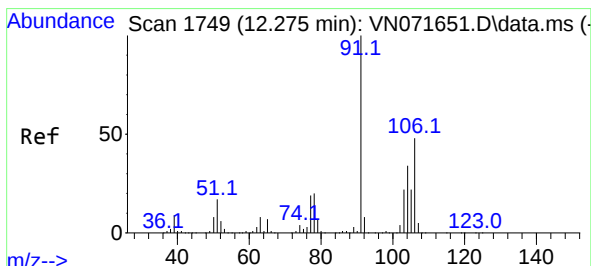
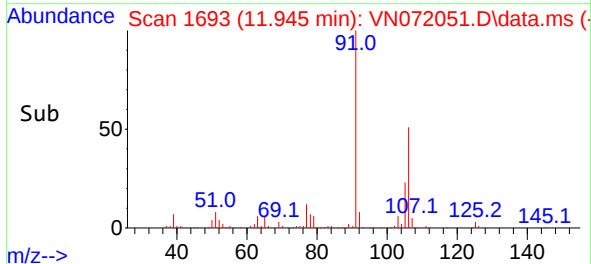
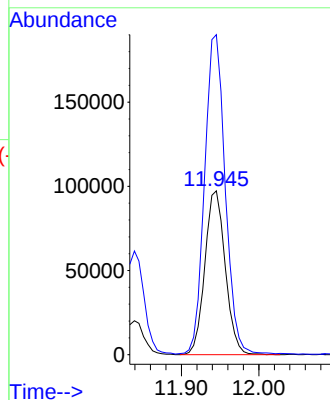
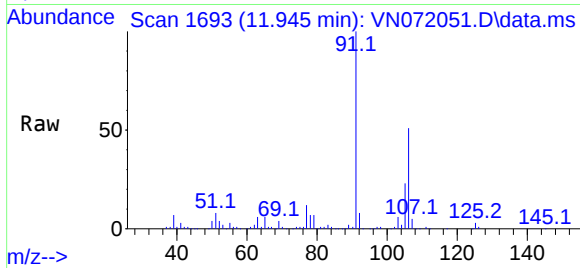




#68
m/p-Xylenes
Concen: 10.102 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

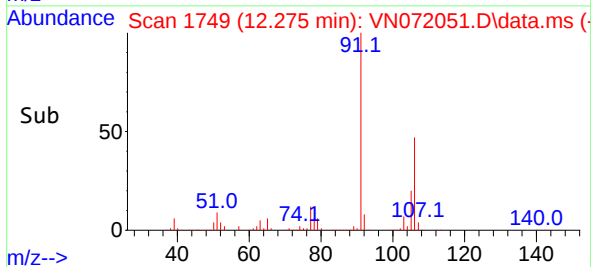
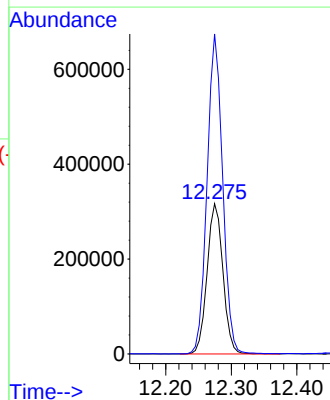
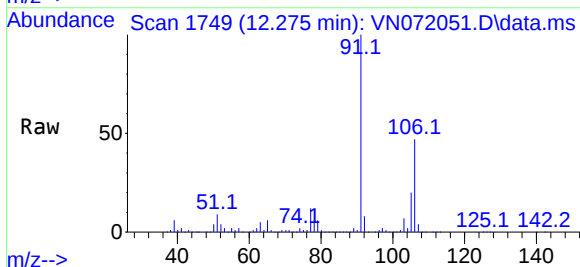
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

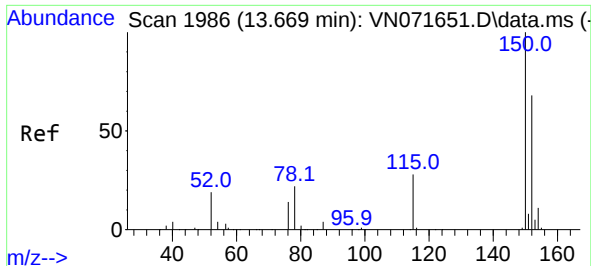
Tgt Ion:106 Resp: 178194
Ion Ratio Lower Upper
106 100
91 197.7 158.9 238.3



#69
o-Xylene
Concen: 30.420 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion:106 Resp: 532573
Ion Ratio Lower Upper
106 100
91 208.9 106.0 318.0

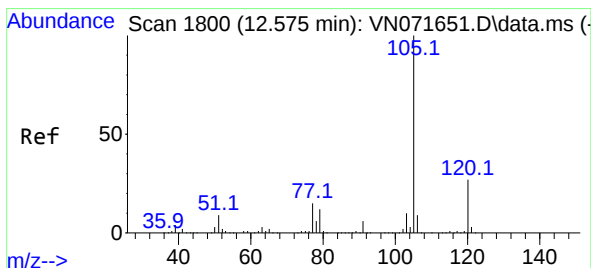
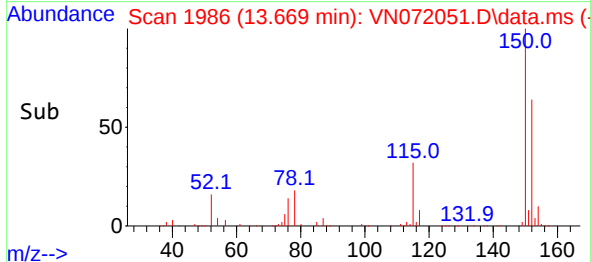
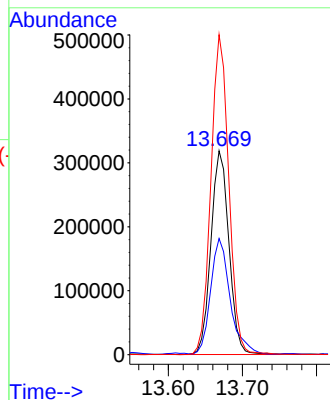
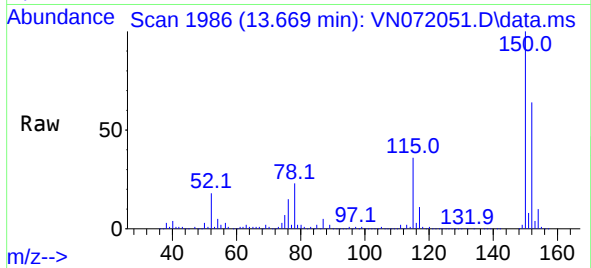




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

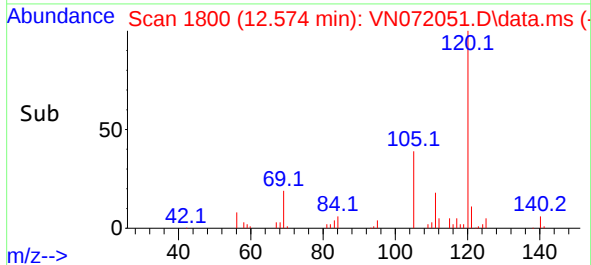
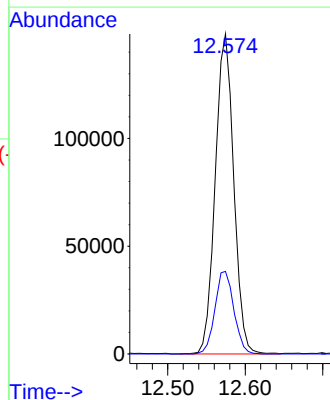
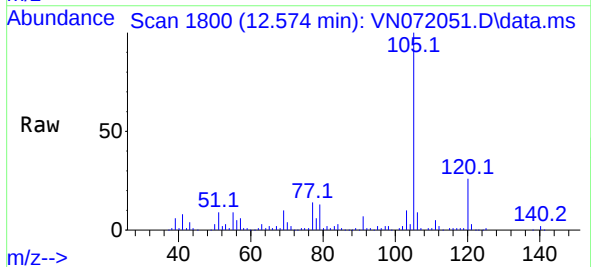
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

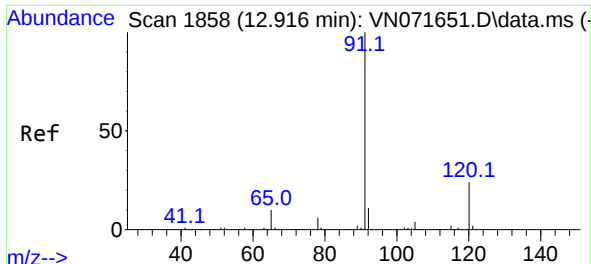
Tgt Ion:152 Resp: 537999
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 156.3 0.0 356.2



#73
Isopropylbenzene
Concen: 5.421 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion:105 Resp: 245750
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

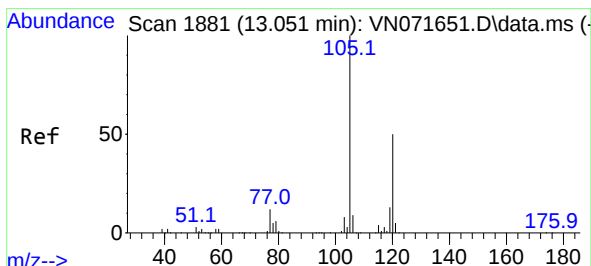
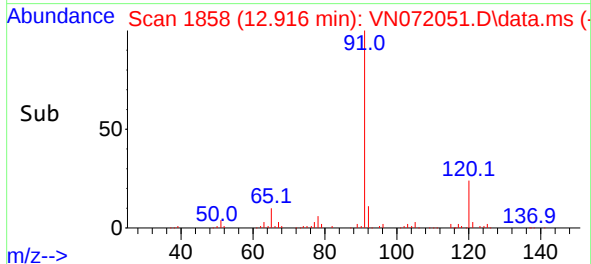
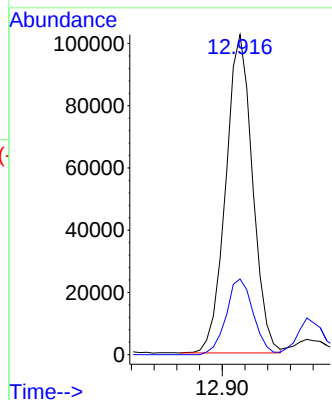
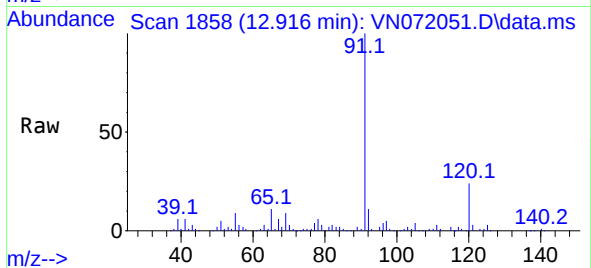




#78
n-propylbenzene
Concen: 3.513 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

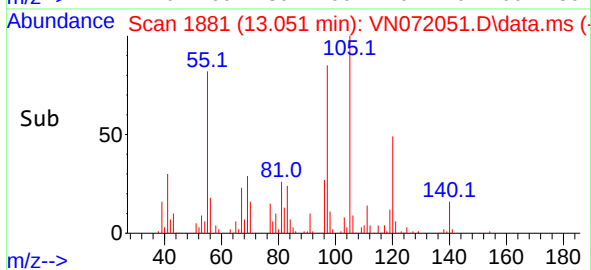
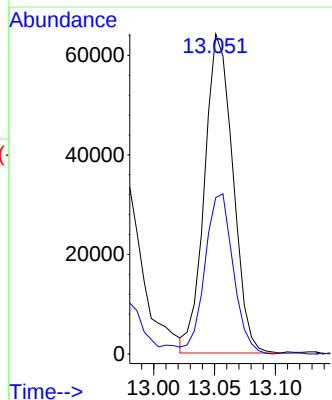
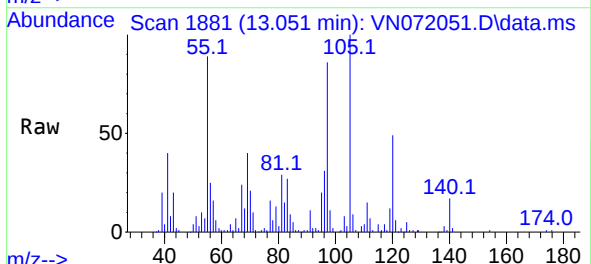
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

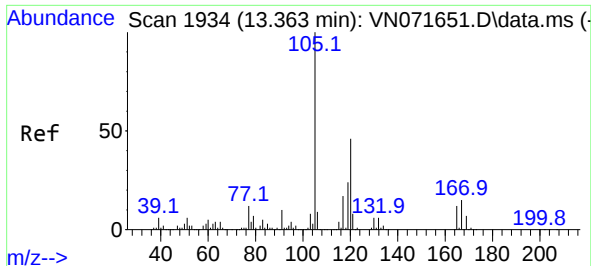
Tgt Ion: 91 Resp: 167533
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 2.893 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion: 105 Resp: 103924
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7

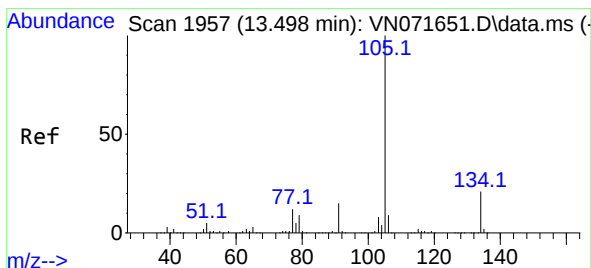
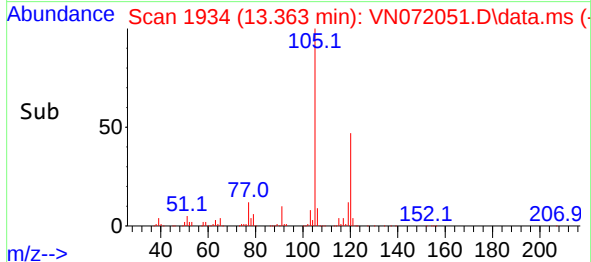
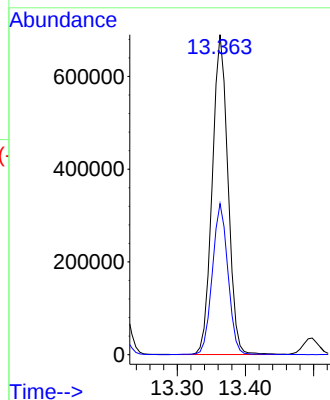
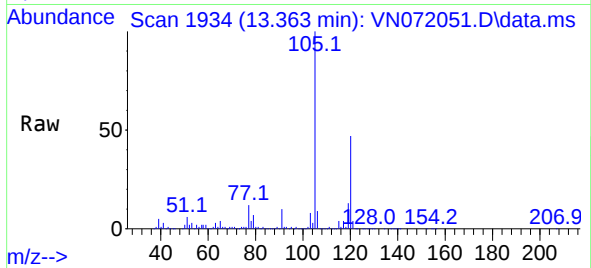




#84
1,2,4-Trimethylbenzene
Concen: 31.549 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

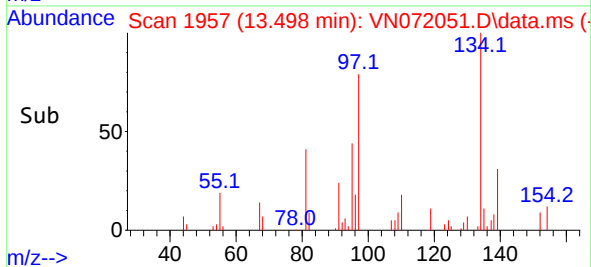
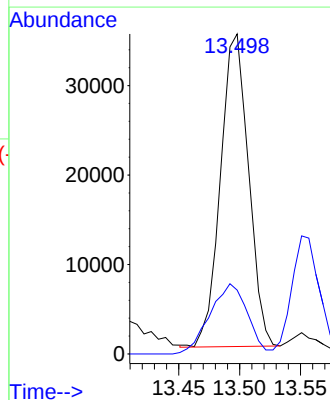
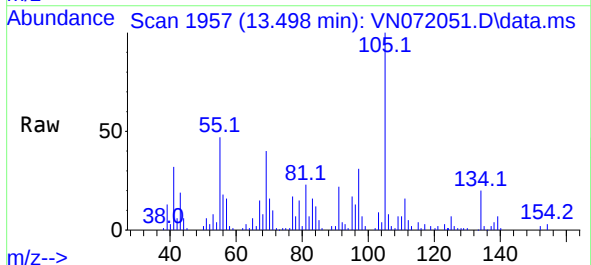
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

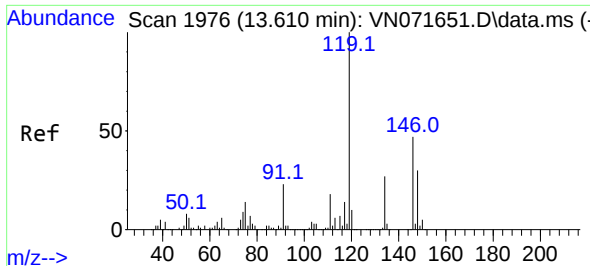
Tgt Ion:105 Resp: 1105687
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.318 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Tgt Ion:105 Resp: 56109
Ion Ratio Lower Upper
105 100
134 30.0 10.4 31.1

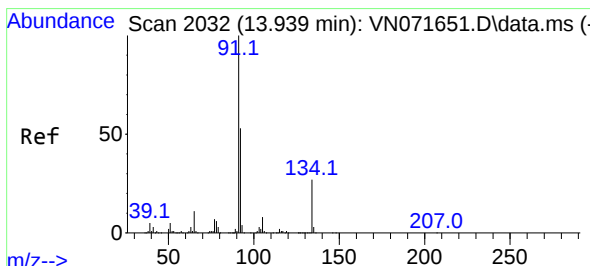
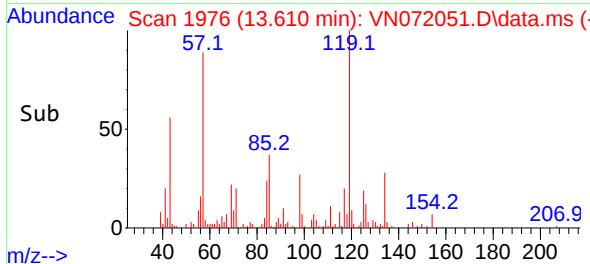
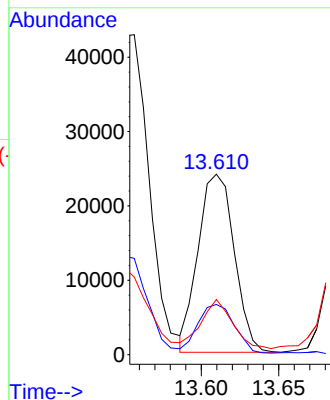
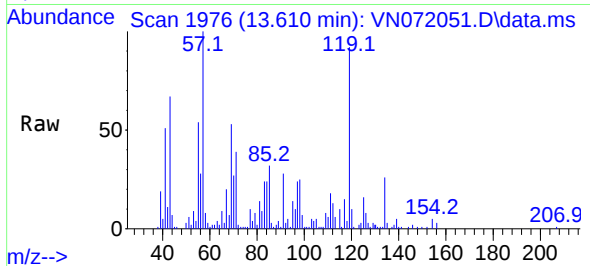




#86
p-Isopropyltoluene
Concen: 1.145 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

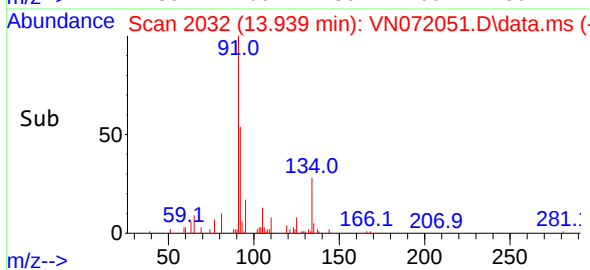
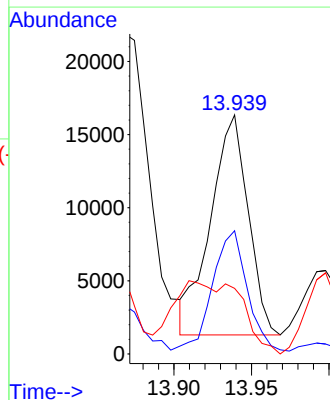
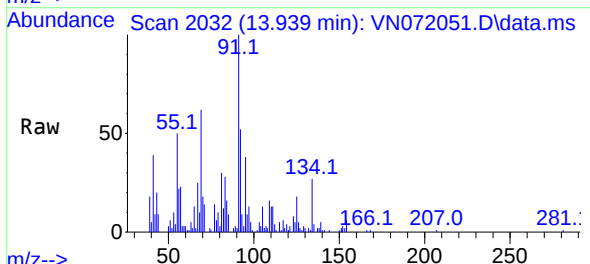
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR

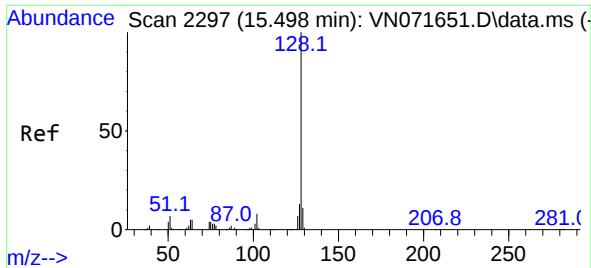
Tgt Ion: 119 Resp: 38854
Ion Ratio Lower Upper
119 100
134 27.7 13.3 39.8
91 23.6 11.3 33.9



#89
n-Butylbenzene
Concen: 1.012 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

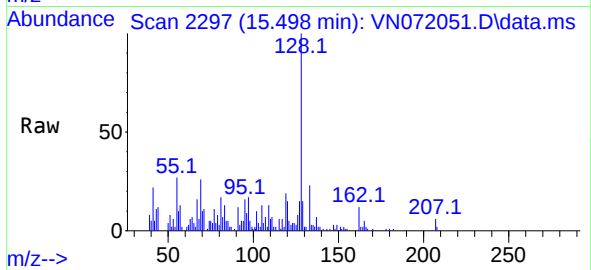
Tgt Ion: 91 Resp: 25471
Ion Ratio Lower Upper
91 100
92 49.9 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 4.984 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072051.D
Acq: 19 Apr 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-5-GR



Tgt Ion:128 Resp: 31318
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.8 8.6 13.0

