

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073111.D
 Acq On : 25 Jun 2022 15:29
 Operator : JC\MD
 Sample : N3454-01
 Misc : 4.83g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-1A-1-GR

Quant Time: Jun 27 03:41:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

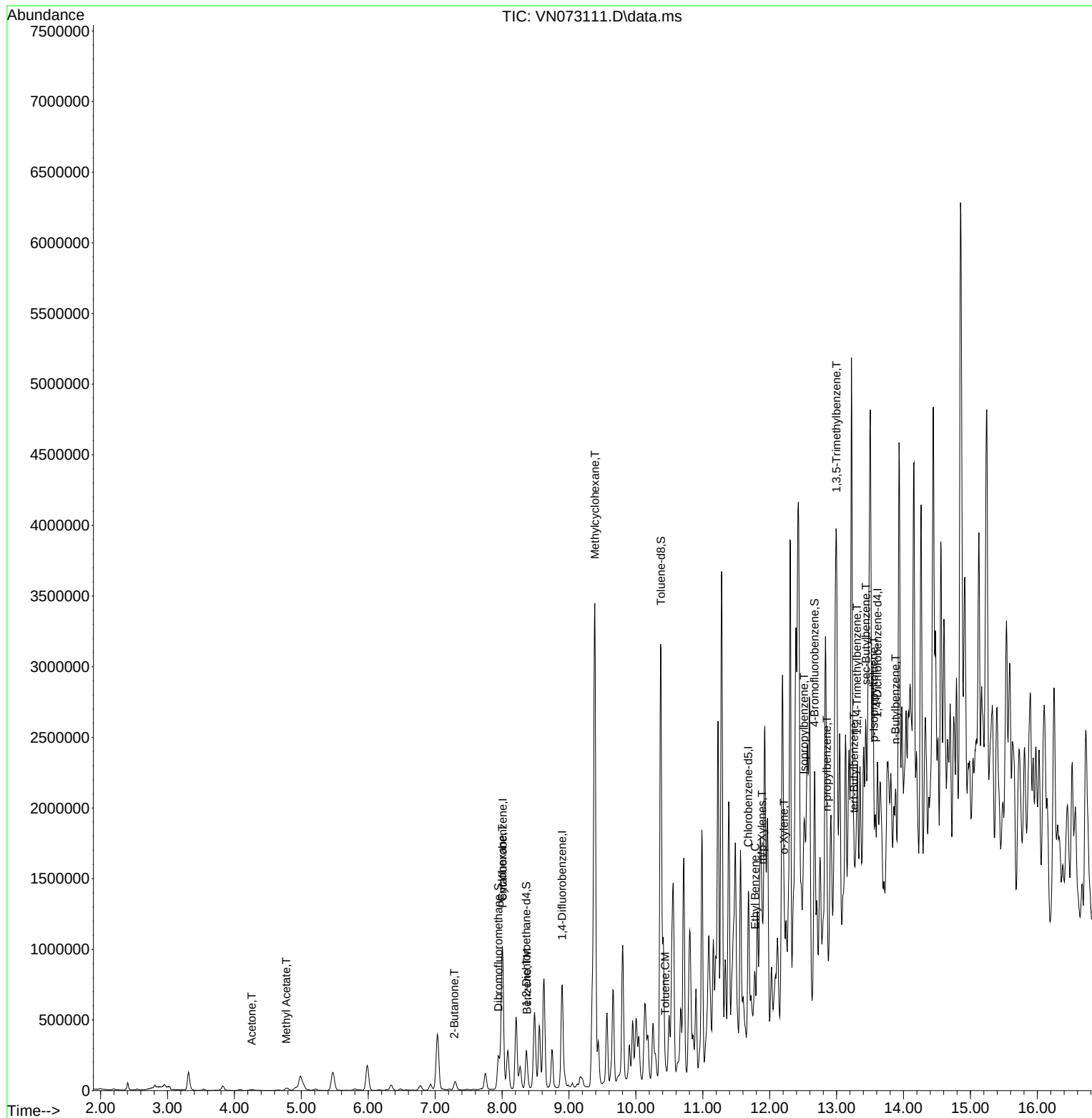
Internal Standards						
1) Pentafluorobenzene	8.010	168	359048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	560073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	520500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	292587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	198834	40.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.920%
35) Dibromofluoromethane	7.945	113	169368	48.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	10.374	98	695908	54.025	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.668	95	347963	75.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	150.240%#
Target Compounds						
					Qvalue	
16) Acetone	4.257	43	13422	5.030	ug/l	90
18) Methyl Acetate	4.775	43	30096	4.236	ug/l	93
25) 2-Butanone	7.286	43	17316	4.090	ug/l	89
31) Cyclohexane	8.004	56	351194	53.484	ug/l	93
39) Methylcyclohexane	9.386	83	1513289	268.027	ug/l	93
40) Benzene	8.375	78	42475	2.885	ug/l #	90
52) Toluene	10.439	92	30676	3.394	ug/l	90
67) Ethyl Benzene	11.780	91	76362	4.267	ug/l	98
68) m/p-Xylenes	11.886	106	102387	14.588	ug/l	92
69) o-Xylene	12.216	106	36950	5.269	ug/l	74
73) Isopropylbenzene	12.516	105	398349	17.599	ug/l	98
78) n-propylbenzene	12.857	91	333125	13.380	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	131253	7.059	ug/l	90
83) tert-Butylbenzene	13.263	119	84255	4.948	ug/l	88
84) 1,2,4-Trimethylbenzene	13.304	105	453176	24.471	ug/l	95
85) sec-Butylbenzene	13.439	105	435796	19.185	ug/l #	76
86) p-Isopropyltoluene	13.557	119	92041	5.005	ug/l	89
89) n-Butylbenzene	13.880	91	355628	23.682	ug/l #	79

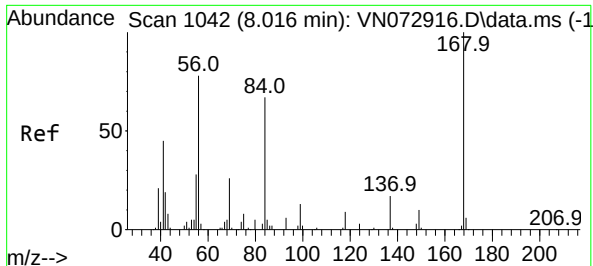
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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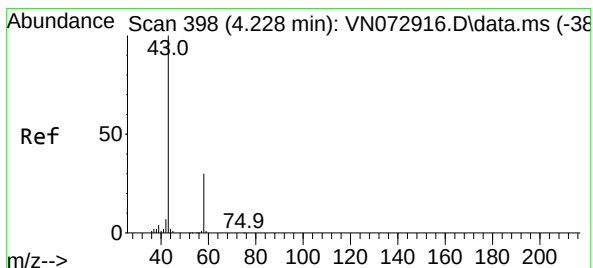
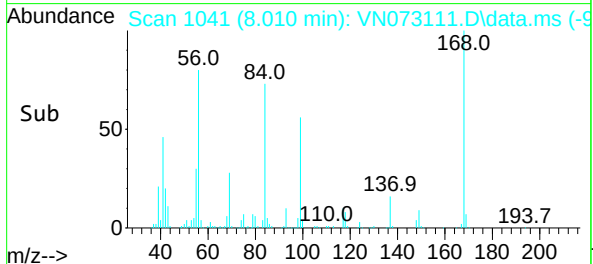
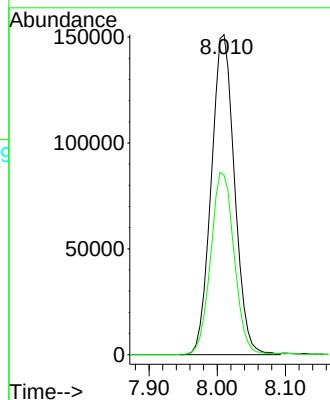
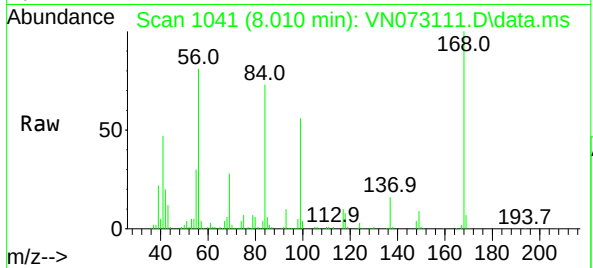




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

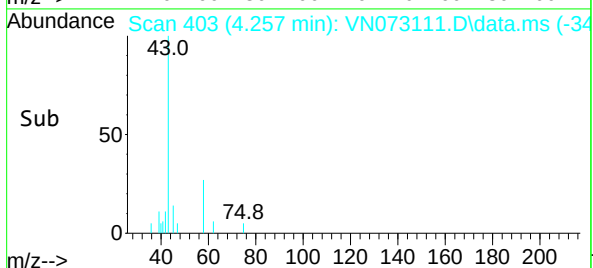
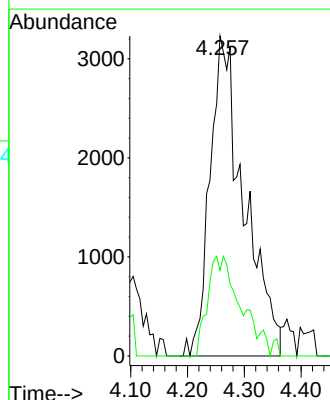
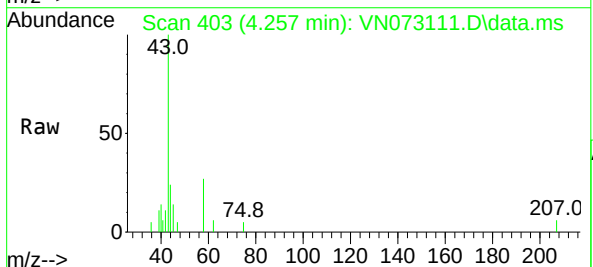
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

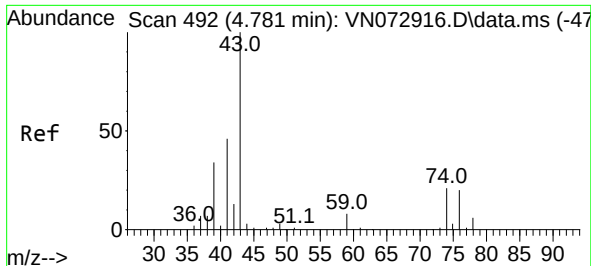
Tgt Ion:168 Resp: 359048
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5



#16
Acetone
Concen: 5.030 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.029 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion: 43 Resp: 13422
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0

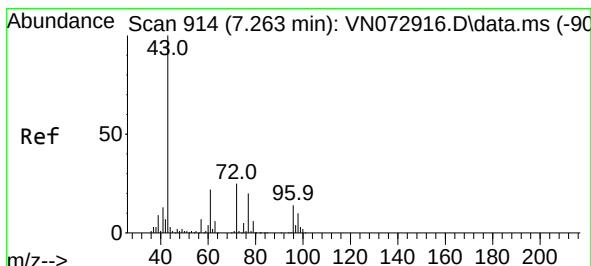
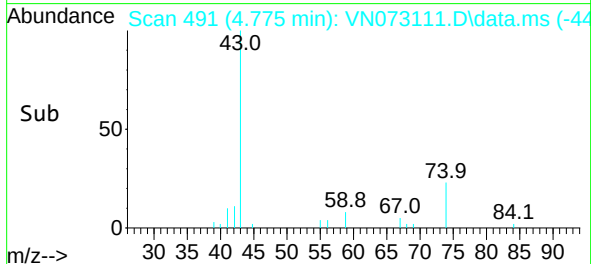
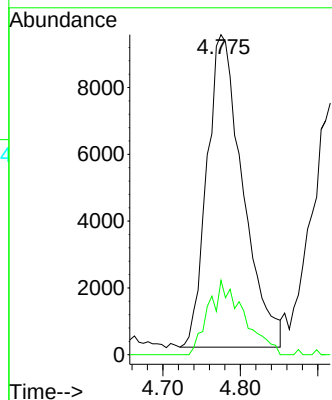
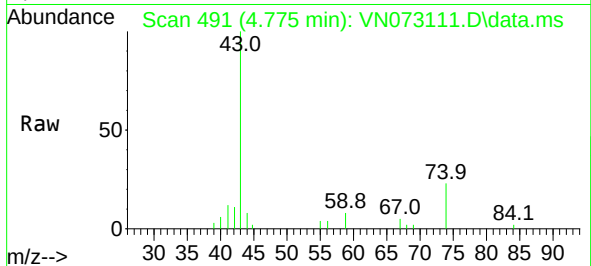




#18
Methyl Acetate
Concen: 4.236 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

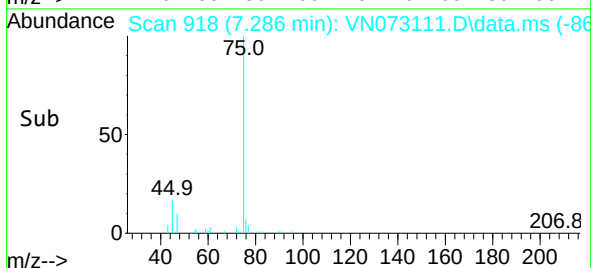
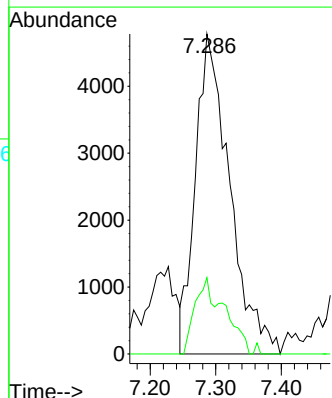
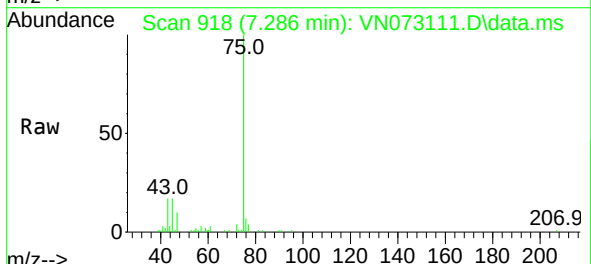
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

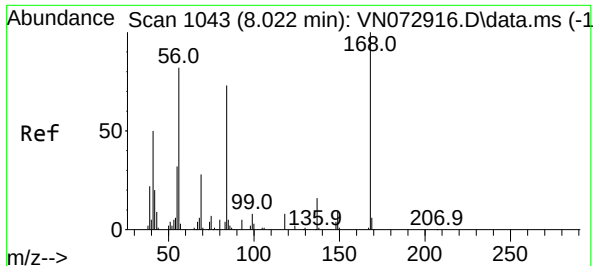
Tgt Ion: 43 Resp: 30096
Ion Ratio Lower Upper
43 100
74 23.4 21.6 32.4



#25
2-Butanone
Concen: 4.090 ug/l
RT: 7.286 min Scan# 918
Delta R.T. 0.024 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion: 43 Resp: 17316
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5





#31

Cyclohexane

Concen: 53.484 ug/l

RT: 8.004 min Scan# 1101

Delta R.T. -0.018 min

Lab File: VN073111.D

Acq: 25 Jun 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

WC-16-1A-1-GR

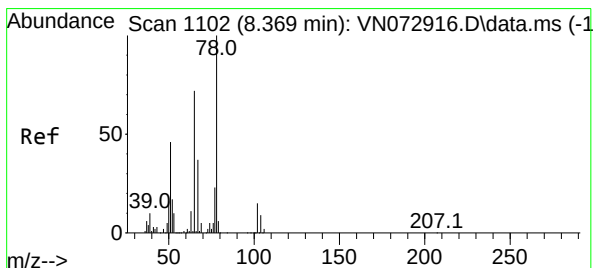
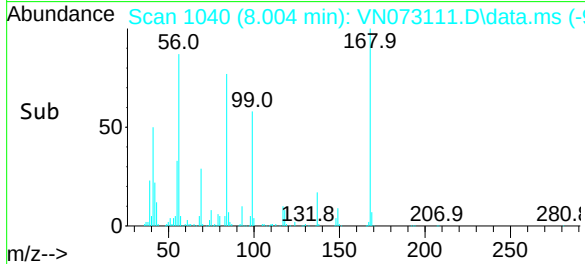
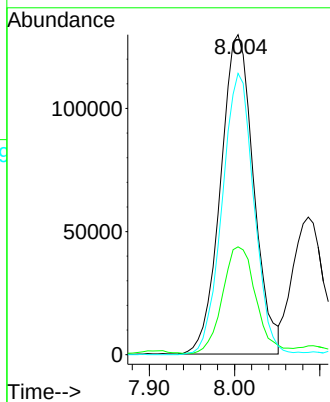
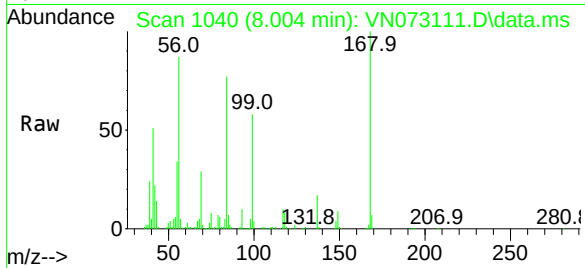
Tgt Ion: 56 Resp: 351194

Ion Ratio Lower Upper

56 100

69 33.2 27.8 41.8

84 88.1 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 40.961 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN073111.D

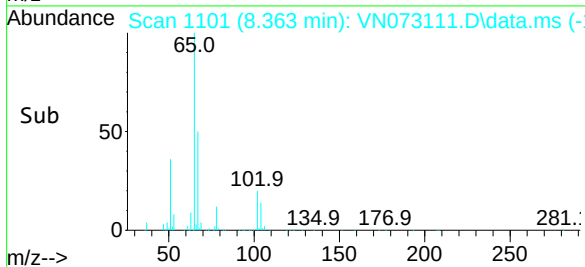
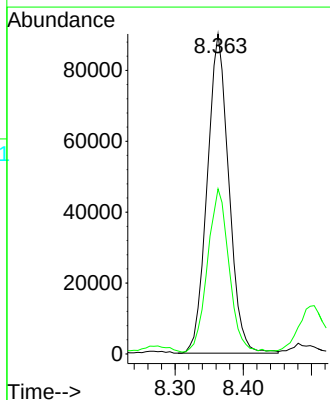
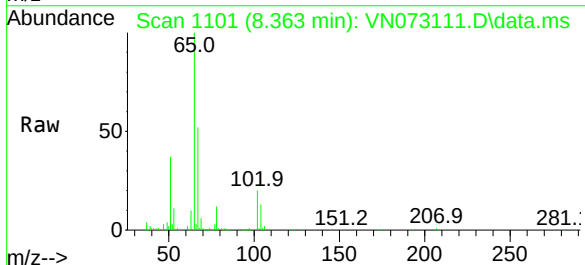
Acq: 25 Jun 2022 15:29

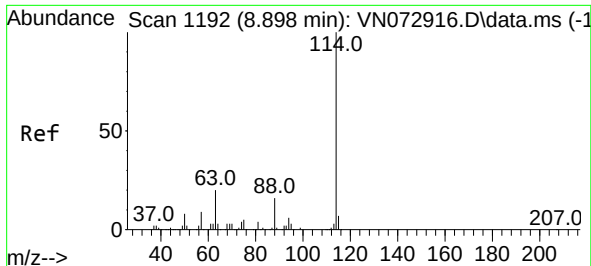
Tgt Ion: 65 Resp: 198834

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.8

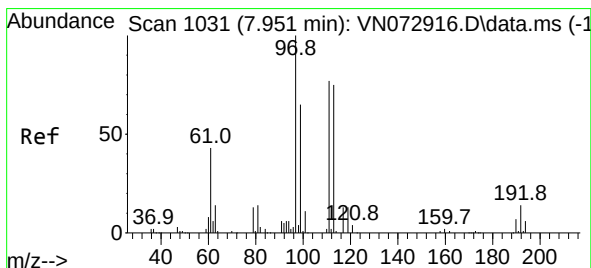
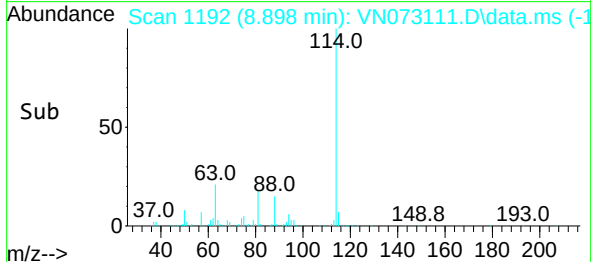
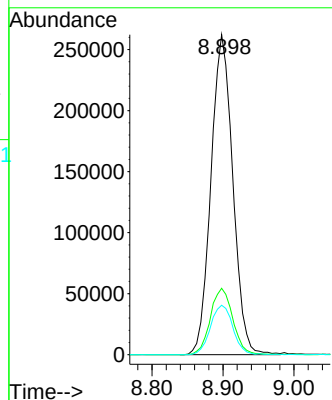
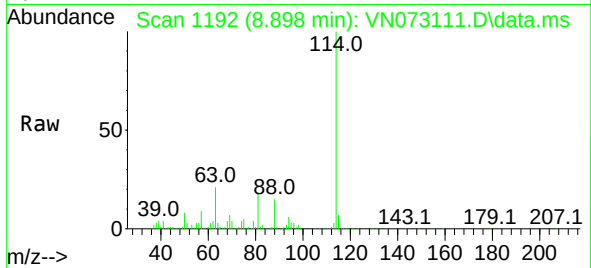




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

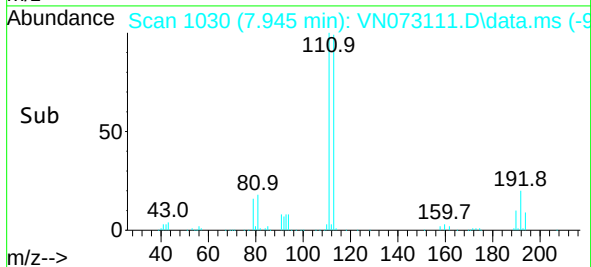
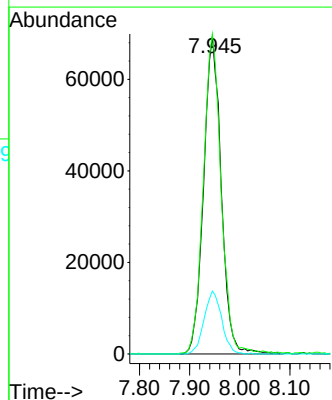
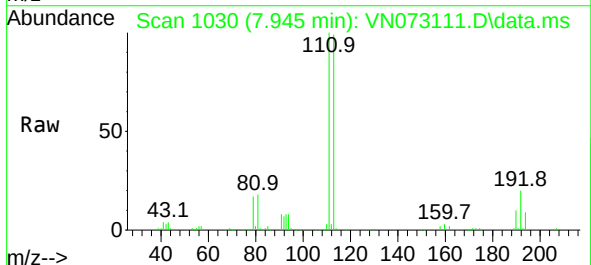
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

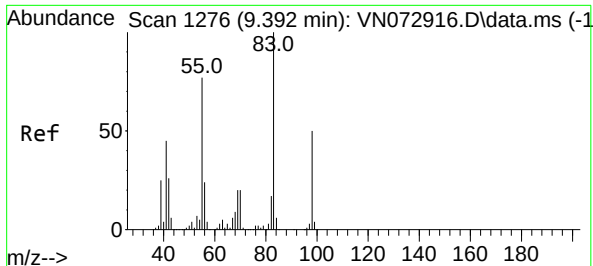
Tgt Ion:114 Resp: 560073
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.925 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion:113 Resp: 169368
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 19.7 17.0 25.6





#39

Methylcyclohexane

Concen: 268.027 ug/l

RT: 9.386 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN073111.D

Acq: 25 Jun 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

WC-16-1A-1-GR

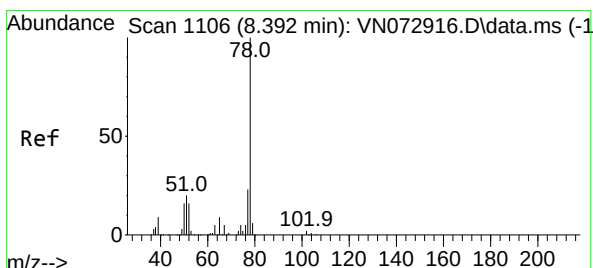
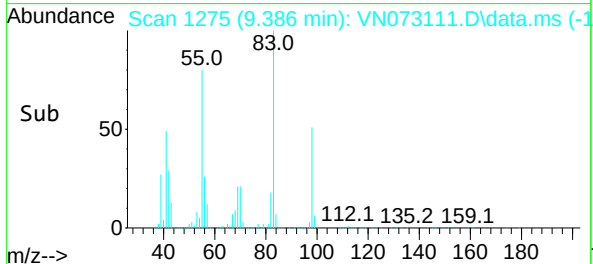
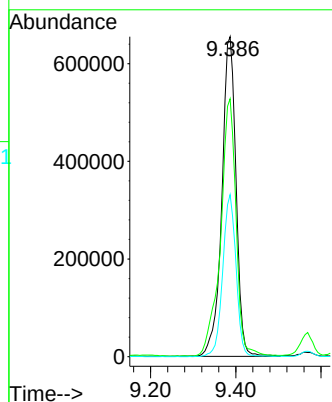
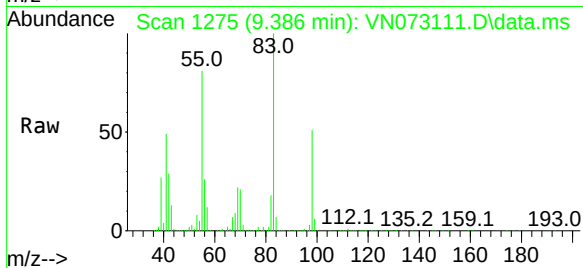
Tgt Ion: 83 Resp: 1513289

Ion Ratio Lower Upper

83 100

55 80.4 57.8 86.8

98 50.7 39.4 59.2



#40

Benzene

Concen: 2.885 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. -0.018 min

Lab File: VN073111.D

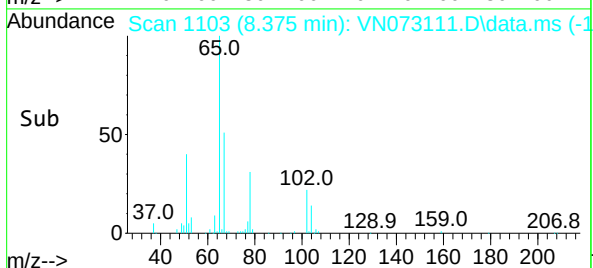
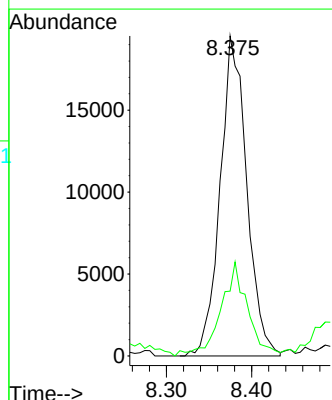
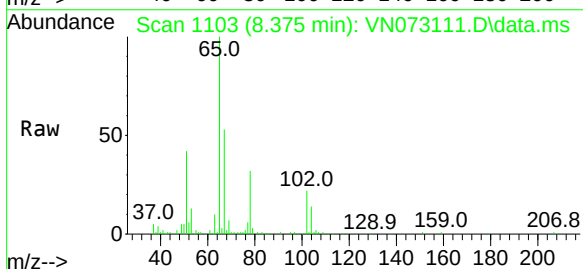
Acq: 25 Jun 2022 15:29

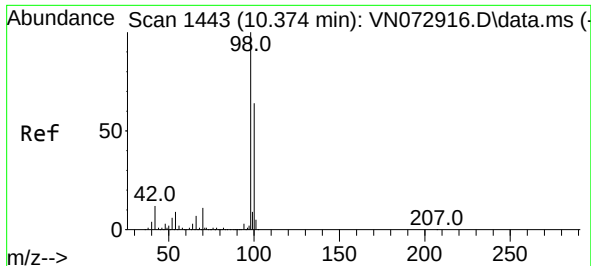
Tgt Ion: 78 Resp: 42475

Ion Ratio Lower Upper

78 100

77 19.2 19.4 29.0#

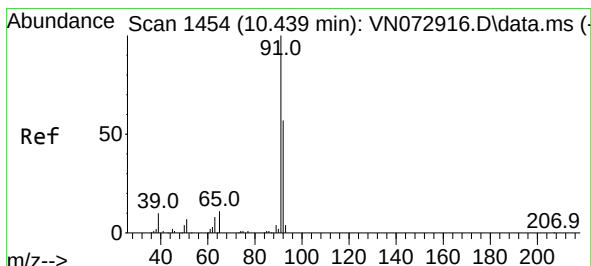
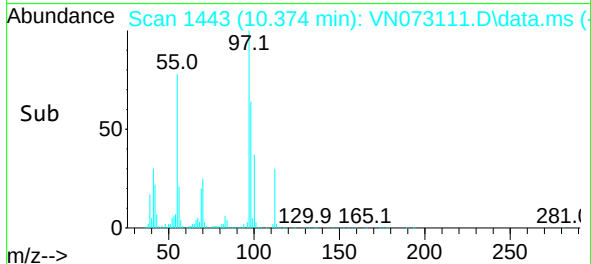
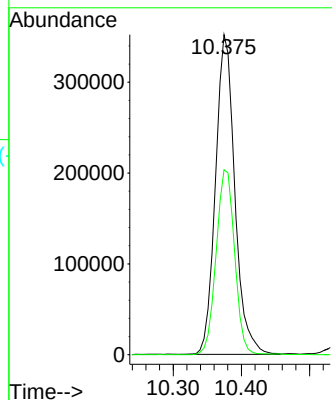
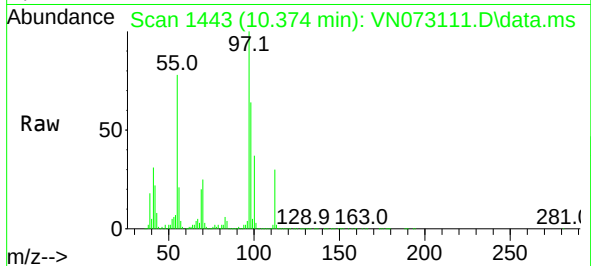




#50
Toluene-d8
Concen: 54.025 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

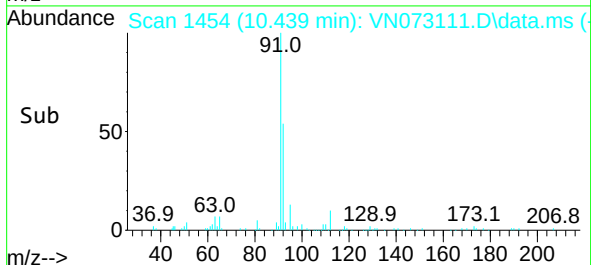
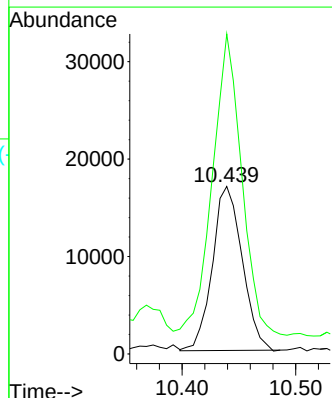
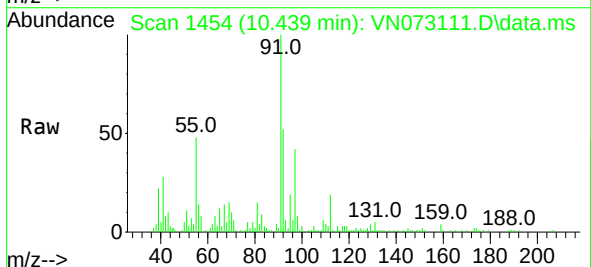
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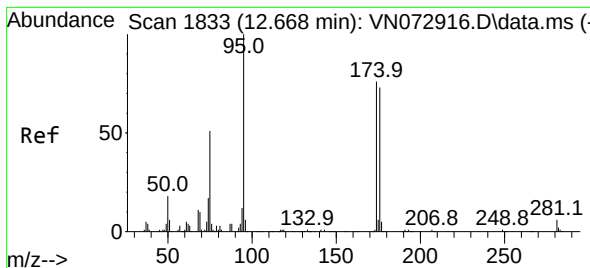
Tgt Ion: 98 Resp: 695908
Ion Ratio Lower Upper
98 100
100 55.4 52.6 78.8



#52
Toluene
Concen: 3.394 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion: 92 Resp: 30676
Ion Ratio Lower Upper
92 100
91 186.4 138.6 207.8

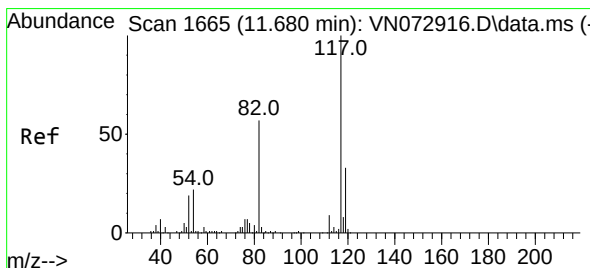
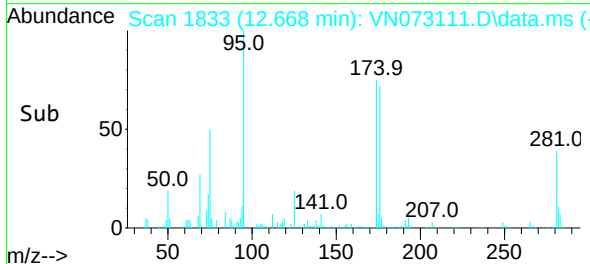
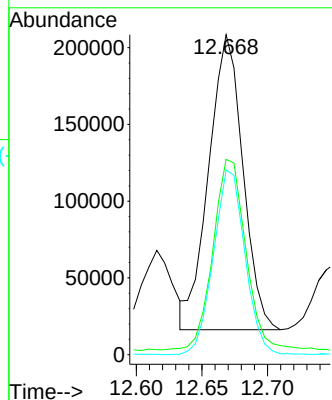
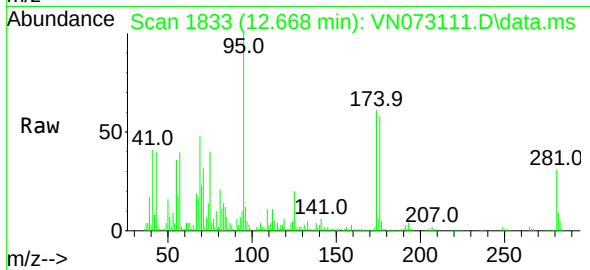




#62
4-Bromofluorobenzene
Concen: 75.123 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

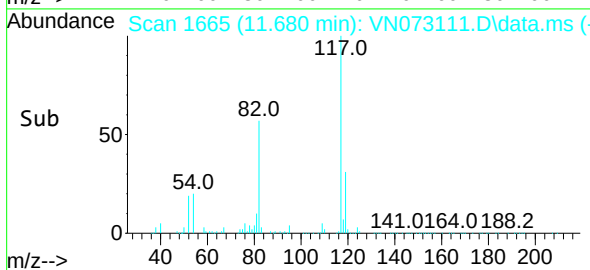
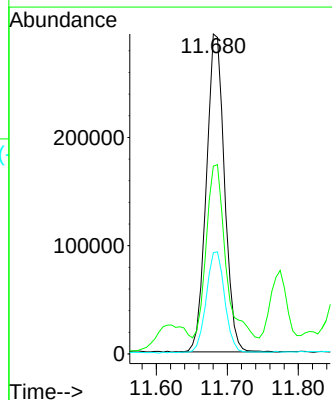
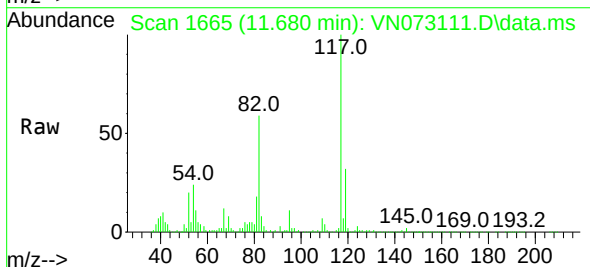
Instrument :
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WC-16-1A-1-GR

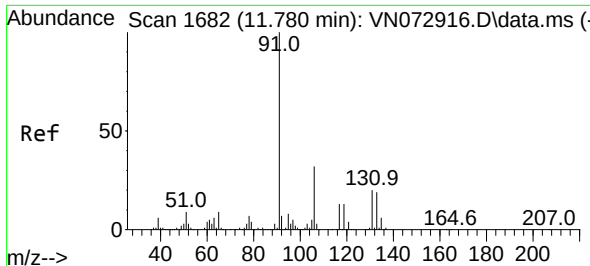
Tgt Ion: 95 Resp: 347963
Ion Ratio Lower Upper
95 100
174 65.9 0.0 167.6
176 57.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion: 117 Resp: 520500
Ion Ratio Lower Upper
117 100
82 50.5 44.2 66.2
119 31.4 25.4 38.0

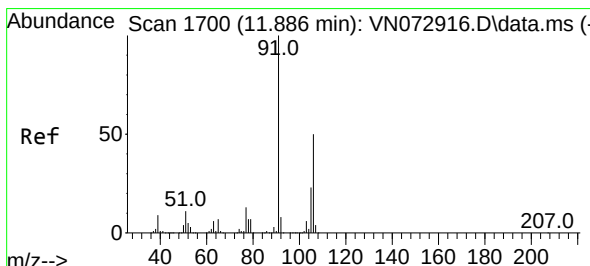
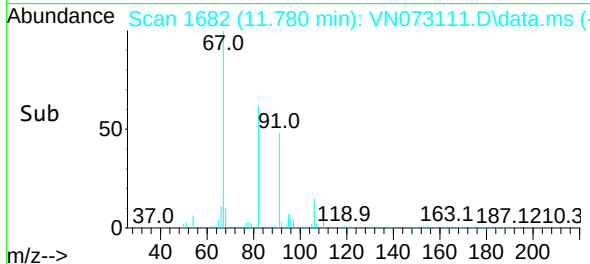
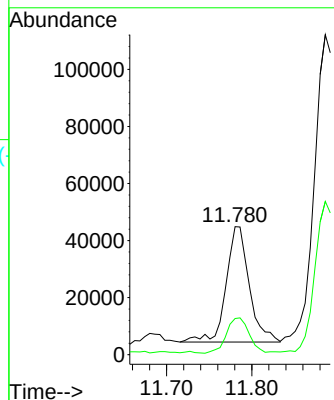
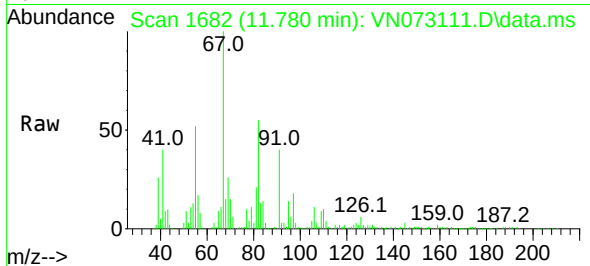




#67
Ethyl Benzene
Concen: 4.267 ug/l
RT: 11.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

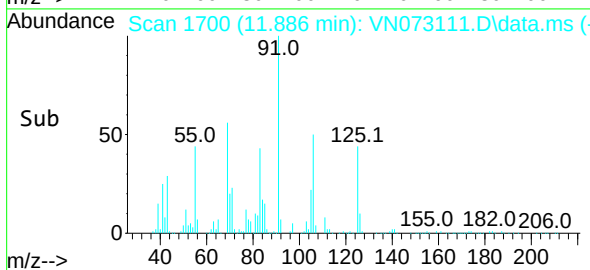
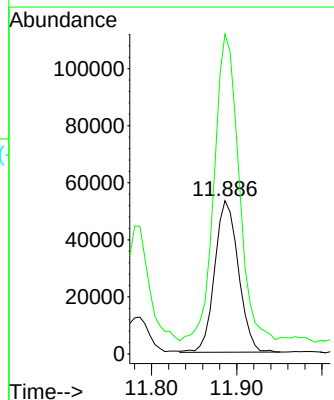
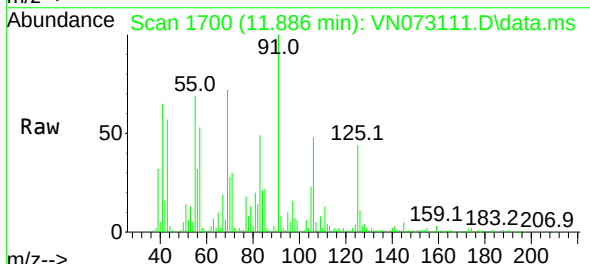
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

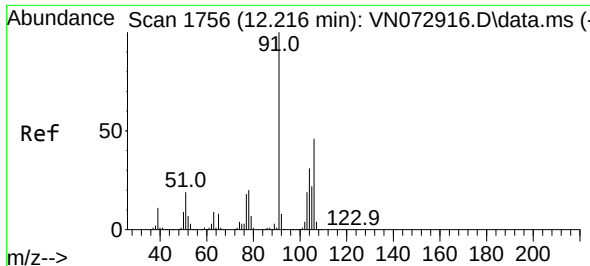
Tgt Ion: 91 Resp: 76362
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3



#68
m/p-Xylenes
Concen: 14.588 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion: 106 Resp: 102387
Ion Ratio Lower Upper
106 100
91 210.7 158.9 238.3

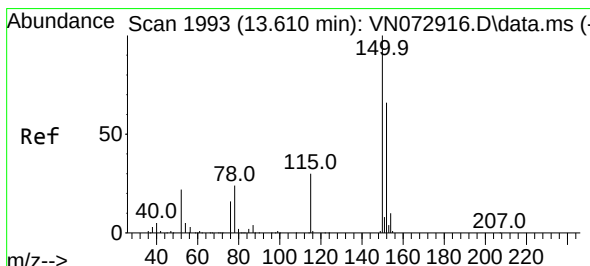
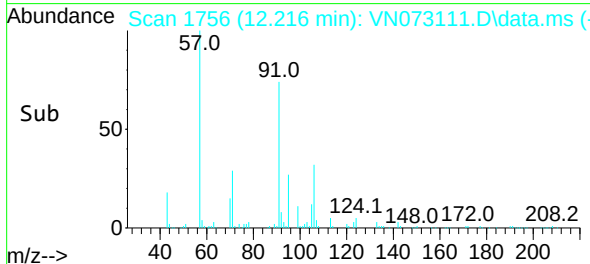
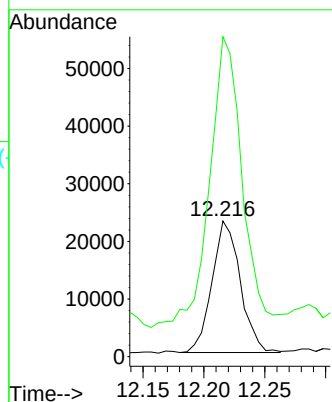
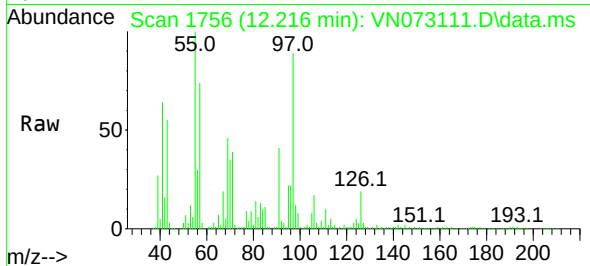




#69
o-Xylene
Concen: 5.269 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

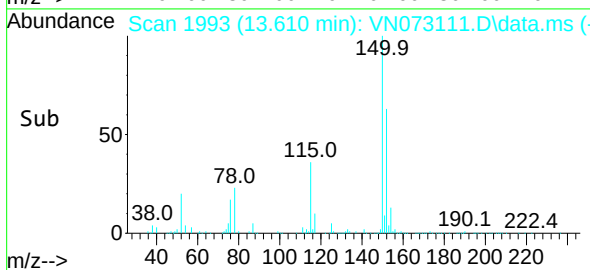
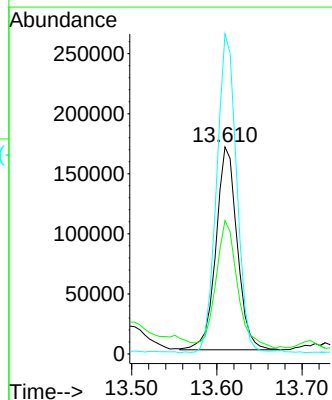
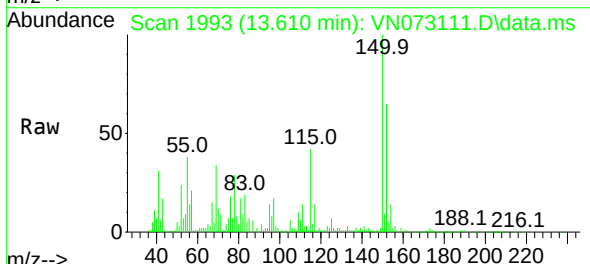
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

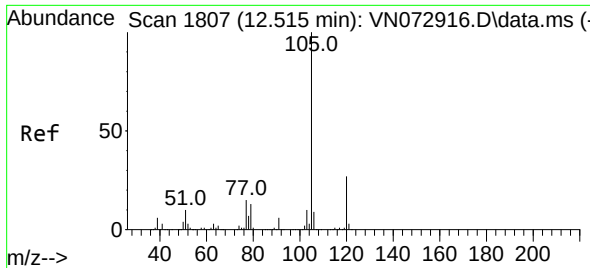
Tgt Ion:106 Resp: 36950
Ion Ratio Lower Upper
106 100
91 253.4 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion:152 Resp: 292587
Ion Ratio Lower Upper
152 100
115 63.8 28.9 86.7
150 147.3 0.0 356.2

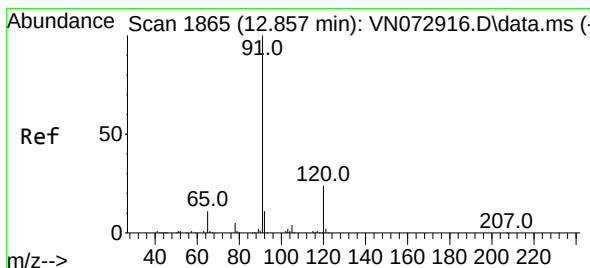
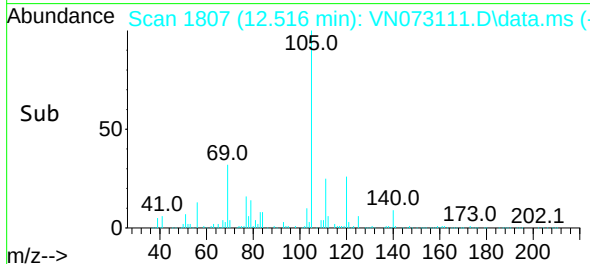
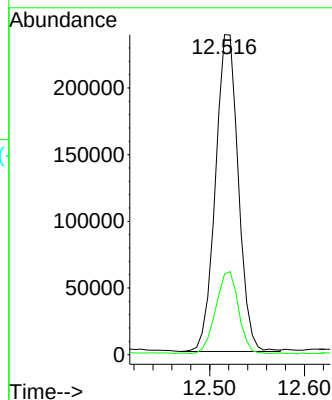
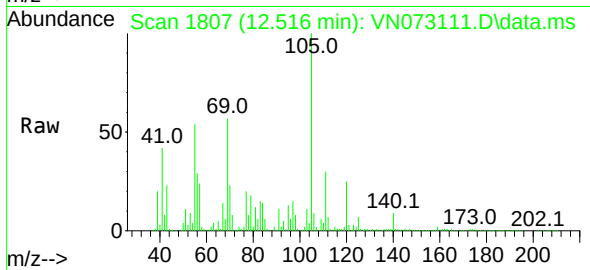




#73
Isopropylbenzene
Concen: 17.599 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

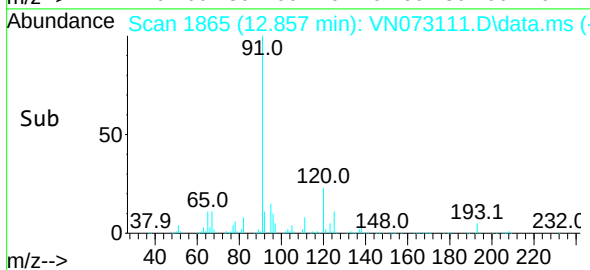
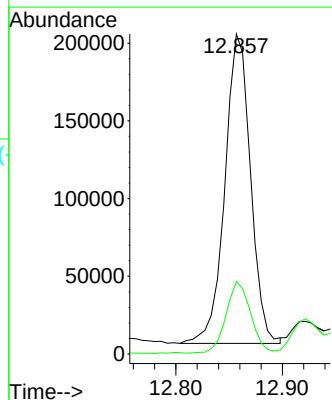
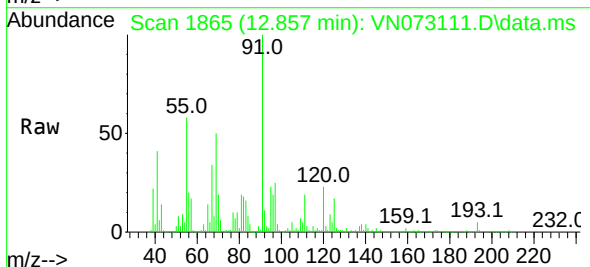
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

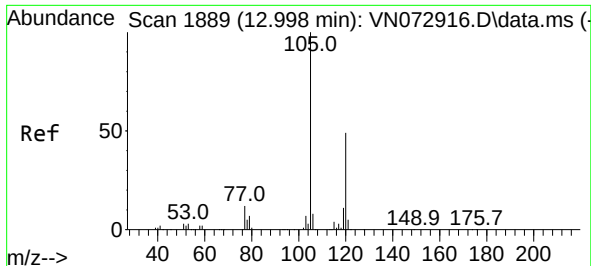
Tgt Ion:105 Resp: 398349
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4



#78
n-propylbenzene
Concen: 13.380 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion: 91 Resp: 333125
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5

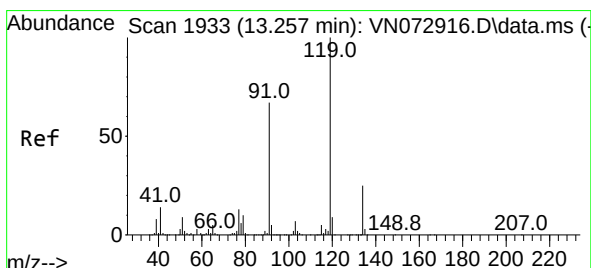
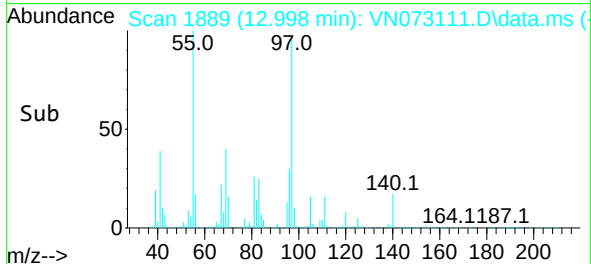
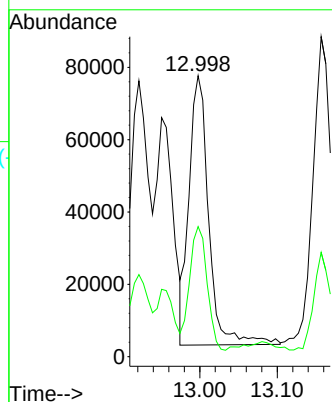
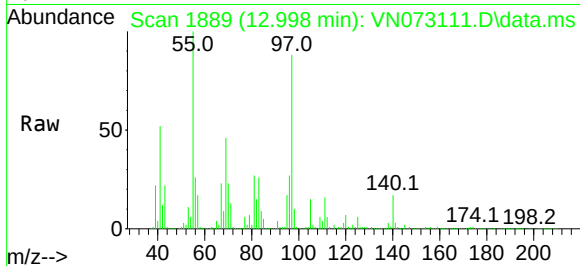




#80
1,3,5-Trimethylbenzene
Concen: 7.059 ug/l
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

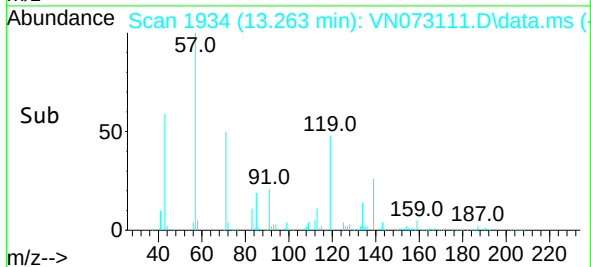
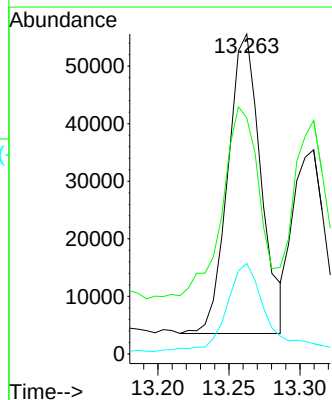
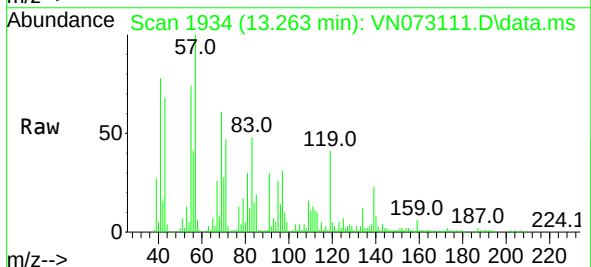
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

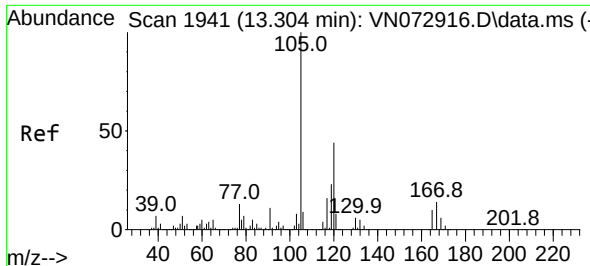
Tgt Ion:105 Resp: 131253
Ion Ratio Lower Upper
105 100
120 43.3 24.9 74.7



#83
tert-Butylbenzene
Concen: 4.948 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion:119 Resp: 84255
Ion Ratio Lower Upper
119 100
91 70.7 31.6 94.8
134 36.4 13.7 41.1

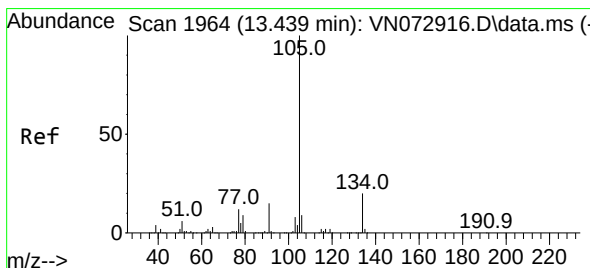
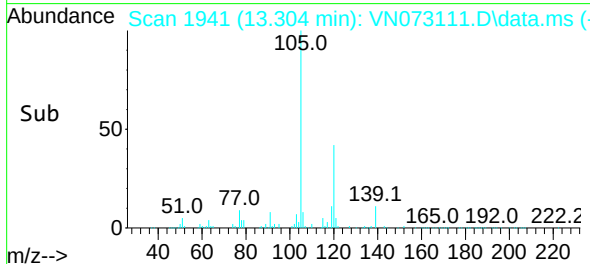
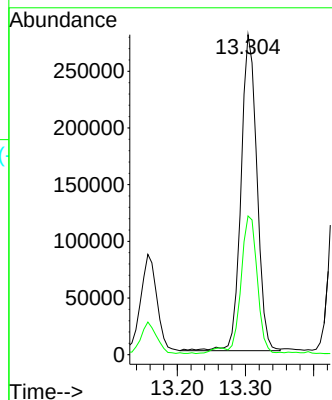
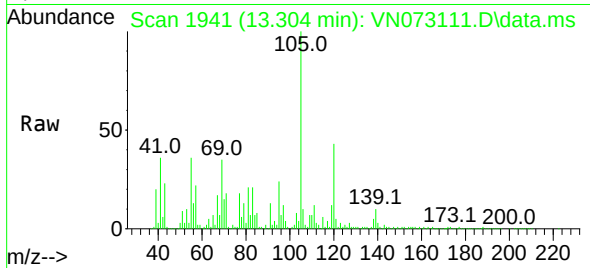




#84
1,2,4-Trimethylbenzene
Concen: 24.471 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

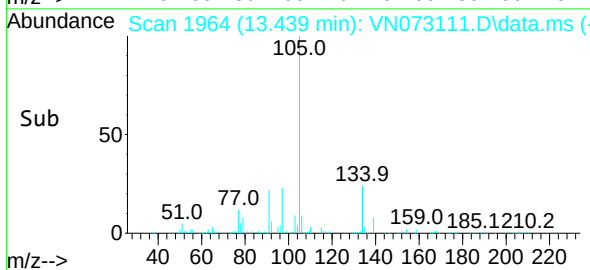
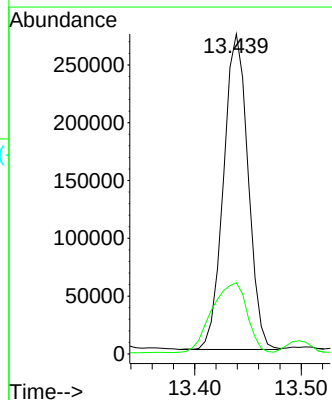
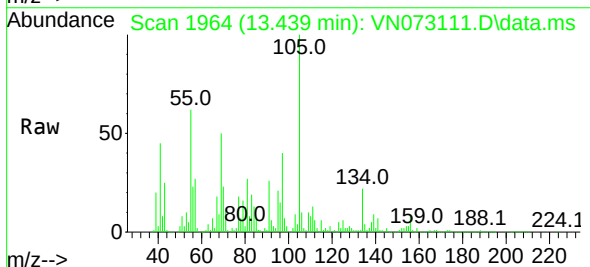
Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

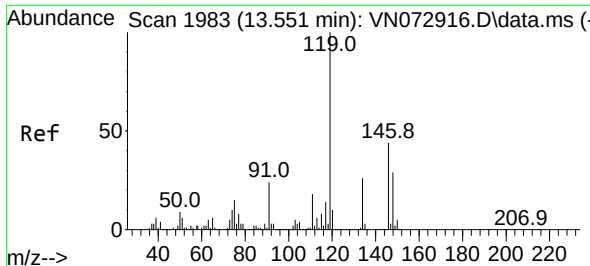
Tgt Ion:105 Resp: 453176
Ion Ratio Lower Upper
105 100
120 42.9 23.3 69.8



#85
sec-Butylbenzene
Concen: 19.185 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion:105 Resp: 435796
Ion Ratio Lower Upper
105 100
134 31.7 10.4 31.1#

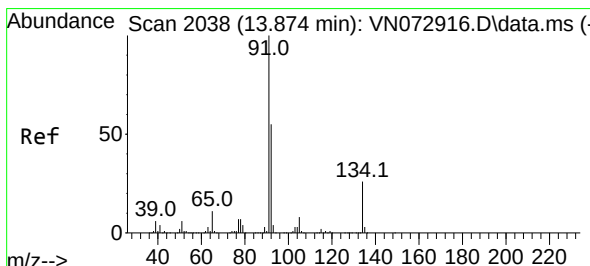
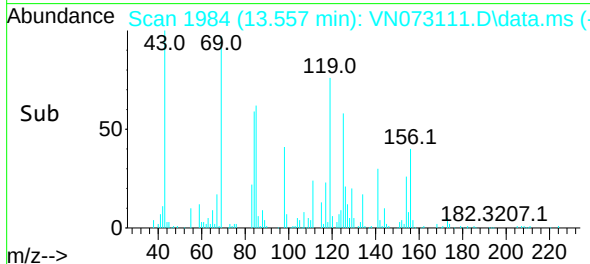
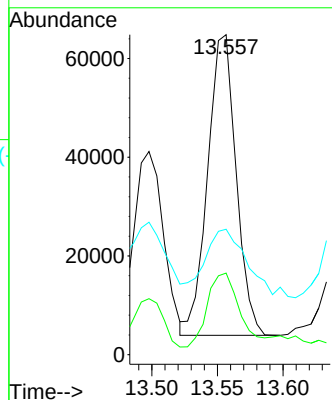
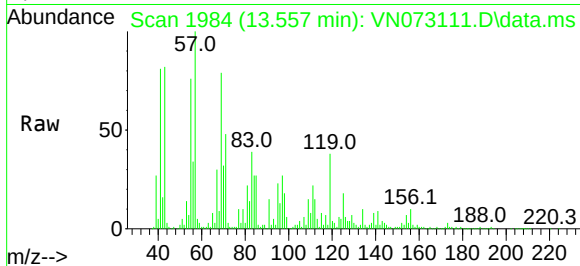




#86
p-Isopropyltoluene
Concen: 5.005 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Instrument :
MSVOA_N
ClientSampleId :
WC-16-1A-1-GR

Tgt Ion:119 Resp: 92041
Ion Ratio Lower Upper
119 100
134 27.6 13.3 39.8
91 33.2 11.3 33.9



#89
n-Butylbenzene
Concen: 23.682 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073111.D
Acq: 25 Jun 2022 15:29

Tgt Ion: 91 Resp: 355628
Ion Ratio Lower Upper
91 100
92 49.7 26.9 80.7
134 0.0 13.6 40.8#

