

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073346.D
 Acq On : 06 Jul 2022 15:36
 Operator : JC\MD
 Sample : N3564-16
 Misc : 4.87g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-16-2-6

Quant Time: Jul 07 04:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

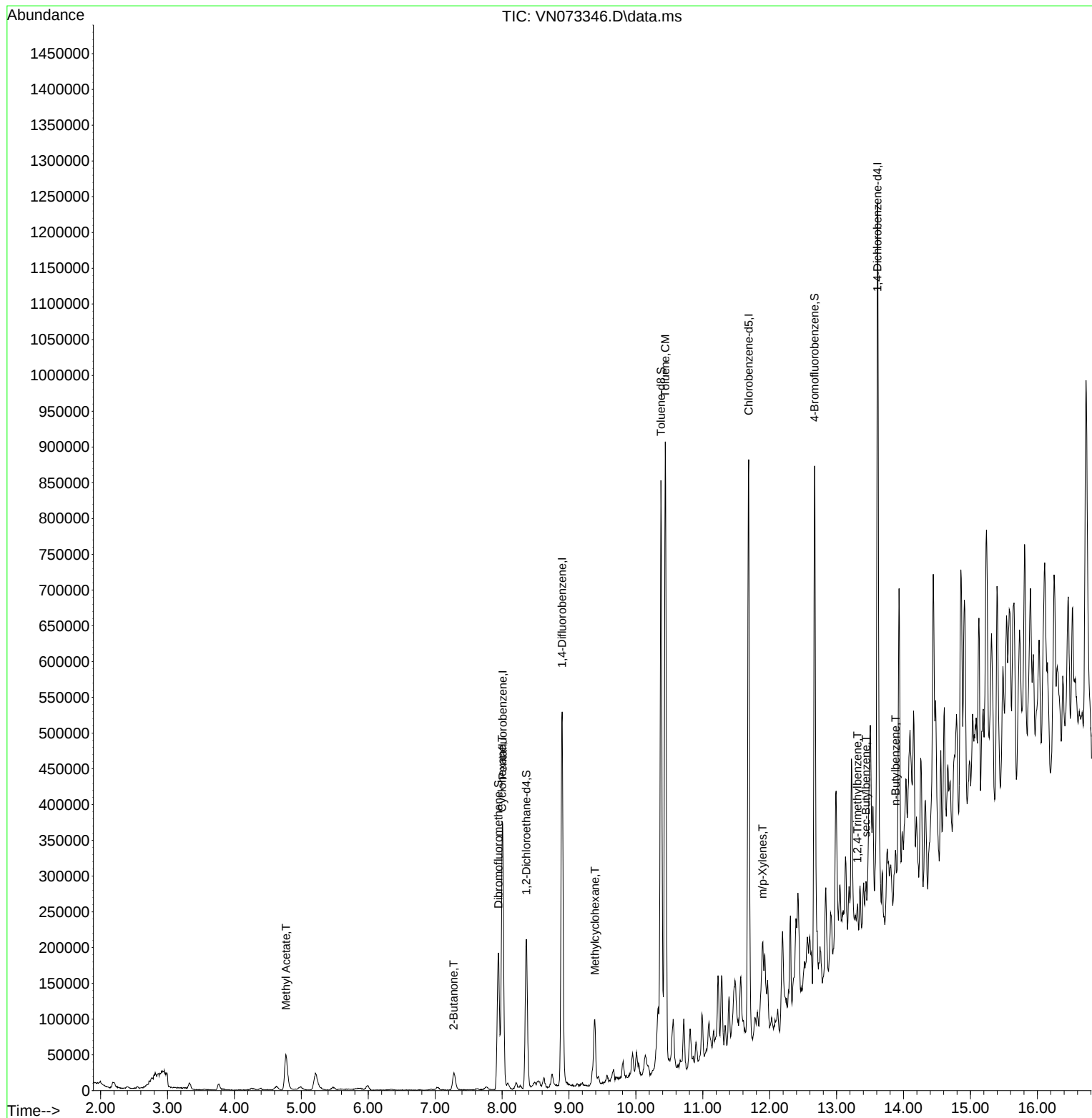
Internal Standards						
1) Pentafluorobenzene	8.010	168	280471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	467038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	466562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	252725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	169804	41.938	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.880%
35) Dibromofluoromethane	7.945	113	139837	45.003	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.000%
50) Toluene-d8	10.374	98	518088	46.945	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.668	95	247211	58.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.580%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.769	43	106052	16.651	ug/l #	89
25) 2-Butanone	7.275	43	28526	7.884	ug/l #	85
31) Cyclohexane	7.998	56	10880	1.641	ug/l #	67
39) Methylcyclohexane	9.386	83	35918	6.034	ug/l	96
52) Toluene	10.439	92	380150	41.688	ug/l	100
68) m/p-Xylenes	11.892	106	20406	2.823	ug/l	85
84) 1,2,4-Trimethylbenzene	13.310	105	36405	2.050	ug/l	90
85) sec-Butylbenzene	13.439	105	33537	1.566	ug/l #	57
89) n-Butylbenzene	13.880	91	35061	2.432	ug/l #	76

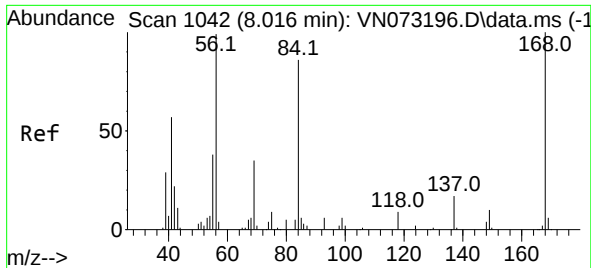
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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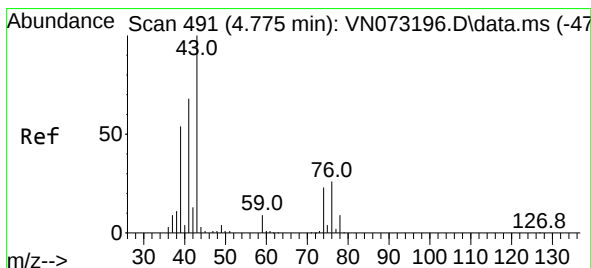
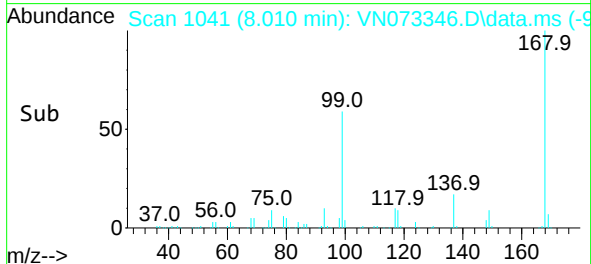
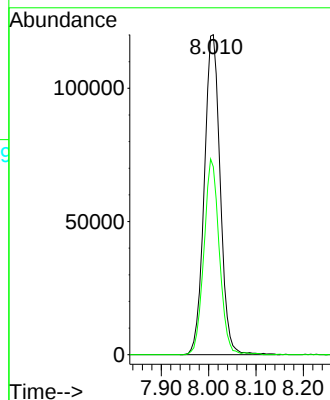
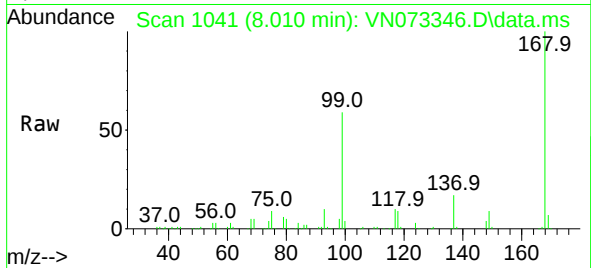




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

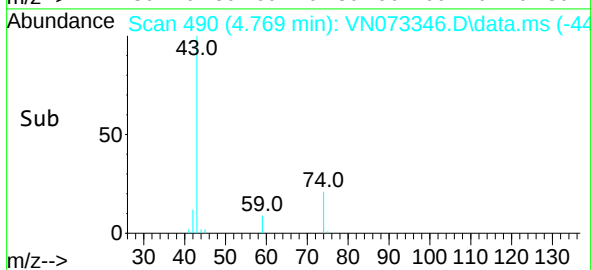
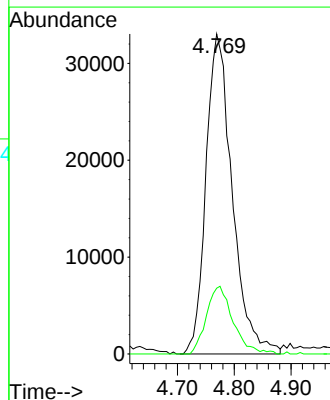
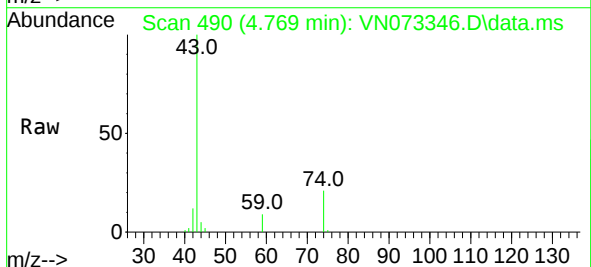
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-6

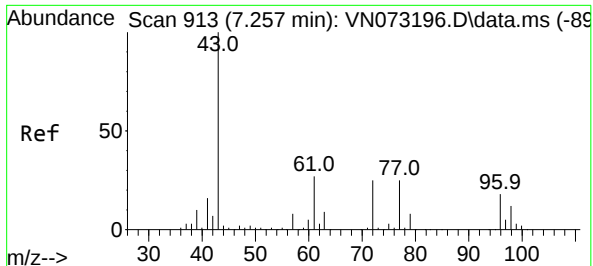
Tgt Ion:168 Resp: 280471
Ion Ratio Lower Upper
168 100
99 58.7 42.3 63.5



#18
Methyl Acetate
Concen: 16.651 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

Tgt Ion: 43 Resp: 106052
Ion Ratio Lower Upper
43 100
74 21.5 21.6 32.4#

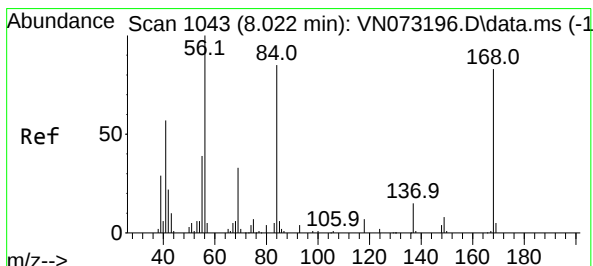
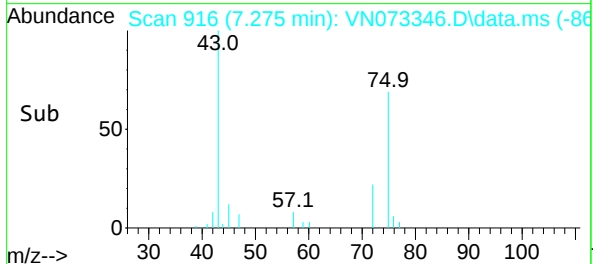
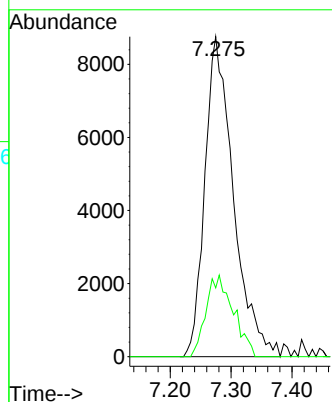
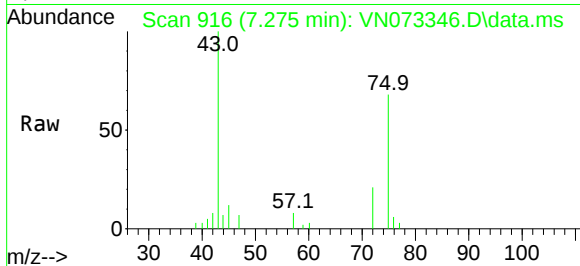




#25
2-Butanone
Concen: 7.884 ug/l
RT: 7.275 min Scan# 913
Delta R.T. 0.018 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

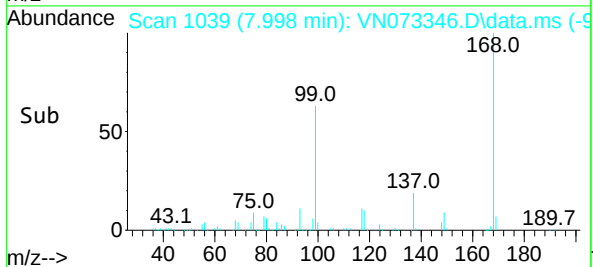
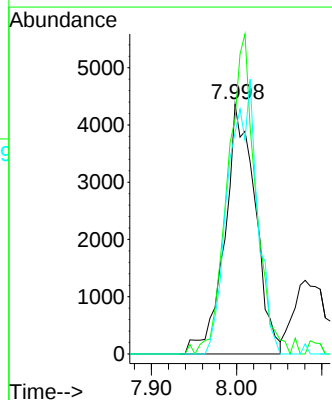
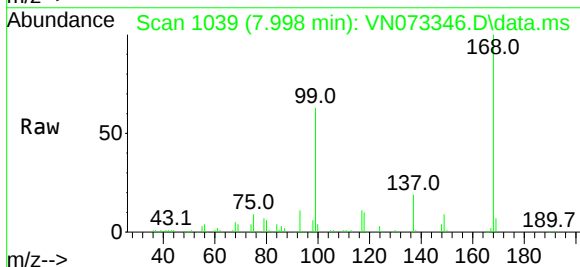
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-6

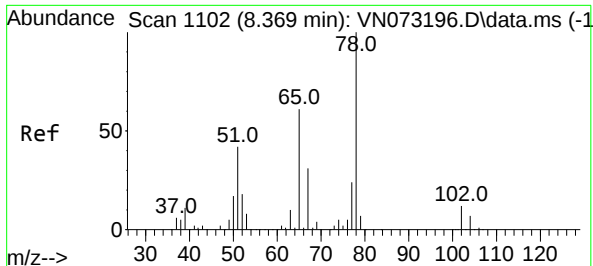
Tgt Ion: 43 Resp: 28526
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#



#31
Cyclohexane
Concen: 1.641 ug/l
RT: 7.998 min Scan# 1039
Delta R.T. -0.024 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

Tgt Ion: 56 Resp: 10880
Ion Ratio Lower Upper
56 100
69 94.1 27.8 41.8#
84 88.7 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 41.938 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073346.D

Acq: 06 Jul 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

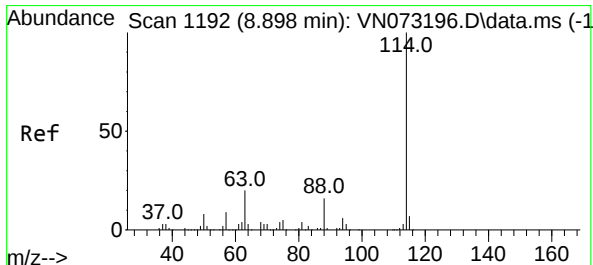
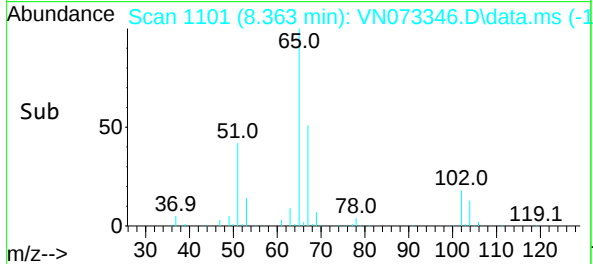
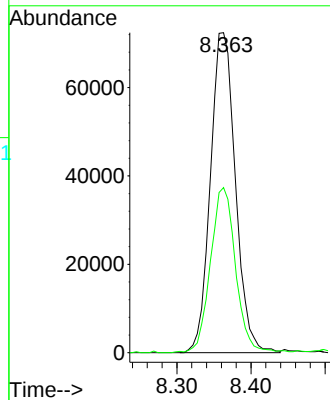
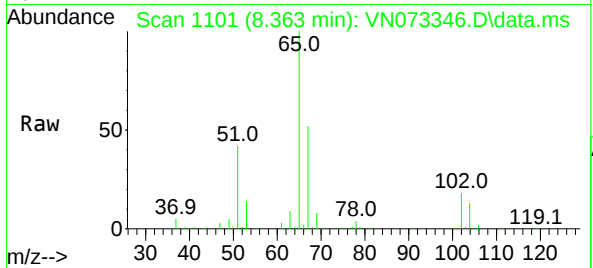
WC-16-2-6

Tgt Ion: 65 Resp: 169804

Ion Ratio Lower Upper

65 100

67 51.9 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: VN073346.D

Acq: 06 Jul 2022 15:36

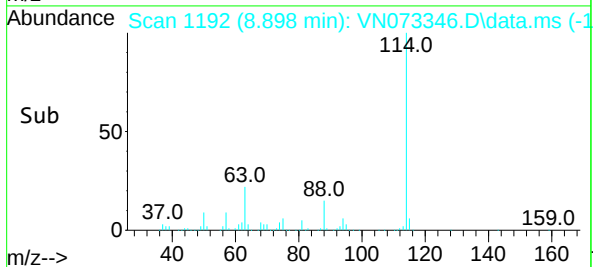
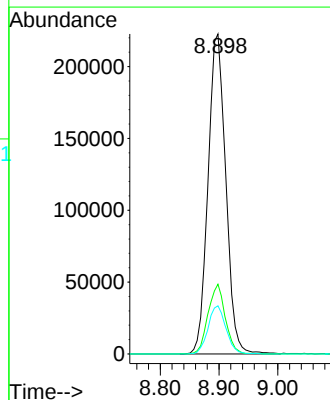
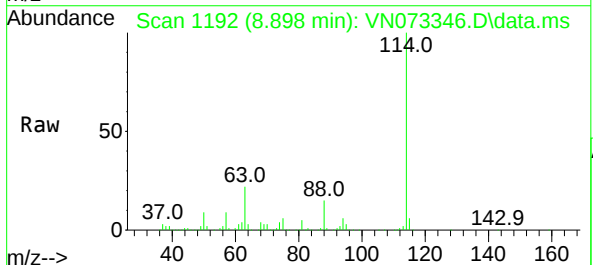
Tgt Ion: 114 Resp: 467038

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.0 0.0 32.6

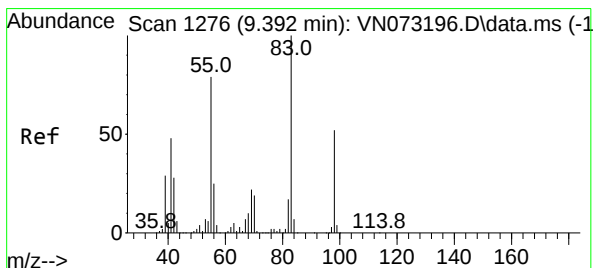
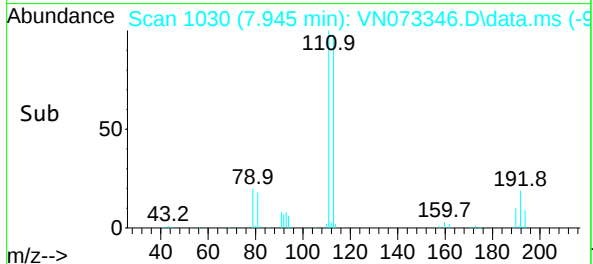
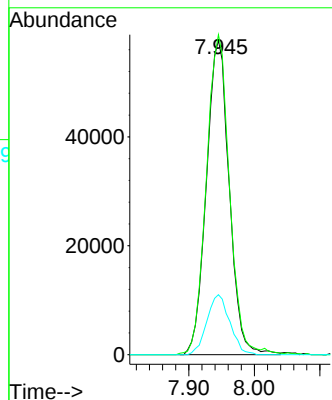
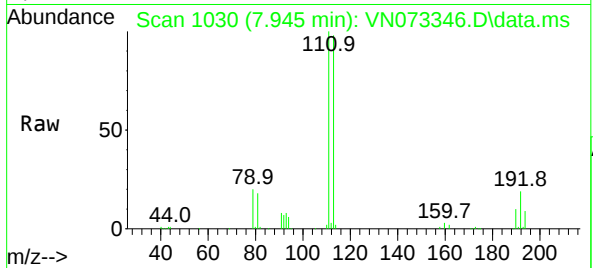




#35
Dibromofluoromethane
Concen: 45.003 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

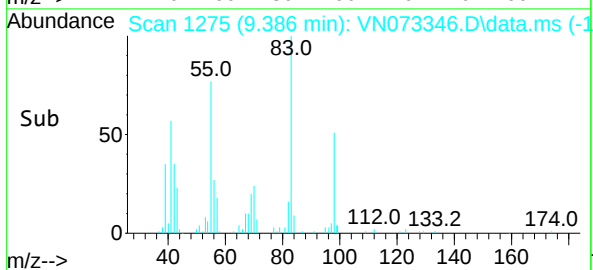
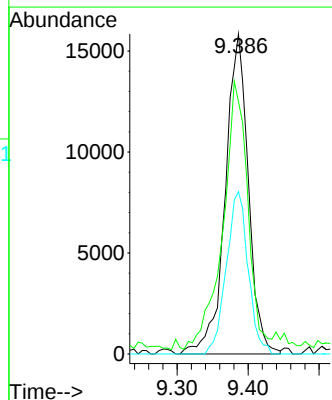
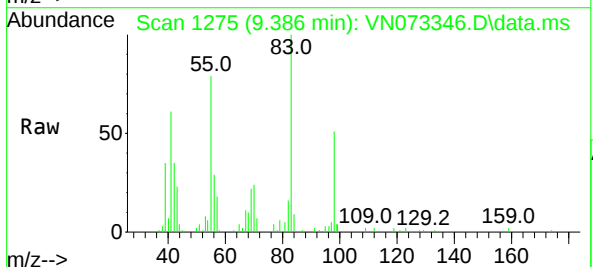
Instrument :
MSVOA_N
ClientSampleId :
WC-16-2-6

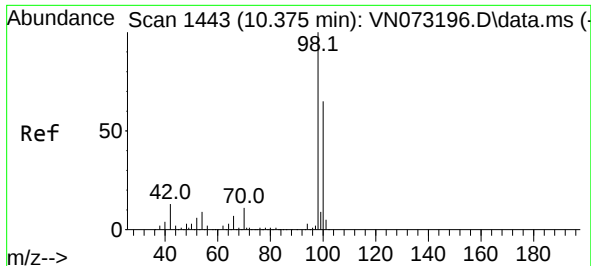
Tgt Ion:113 Resp: 139837
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 19.1 17.0 25.6



#39
Methylcyclohexane
Concen: 6.034 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

Tgt Ion: 83 Resp: 35918
Ion Ratio Lower Upper
83 100
55 76.9 57.8 86.8
98 50.7 39.4 59.2

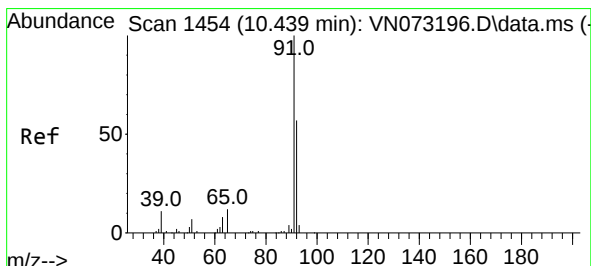
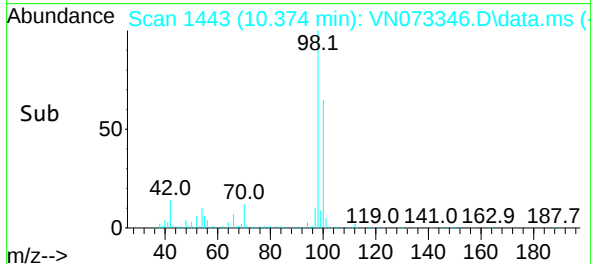
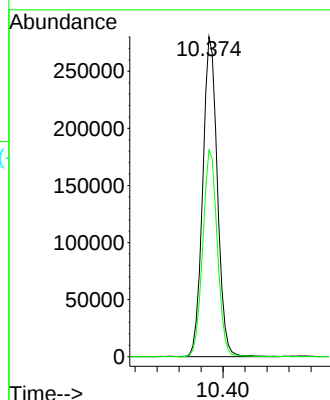
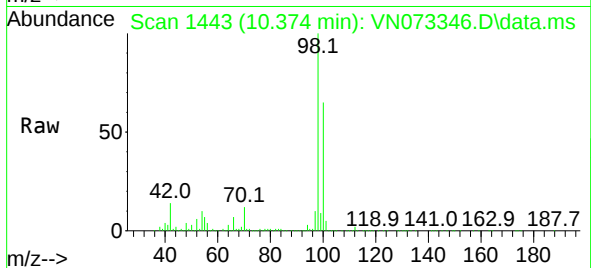




#50
Toluene-d8
Concen: 46.945 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

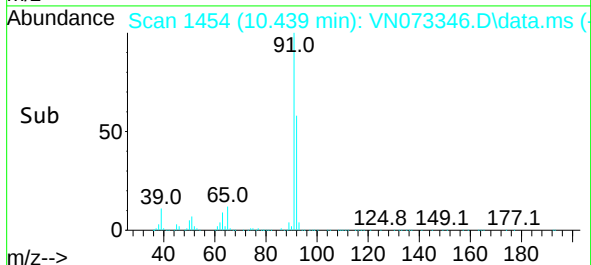
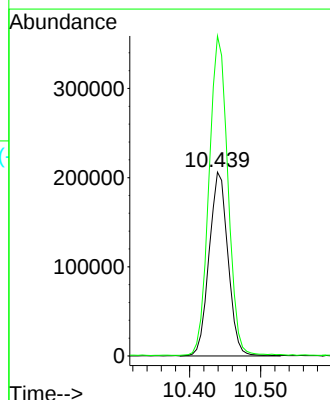
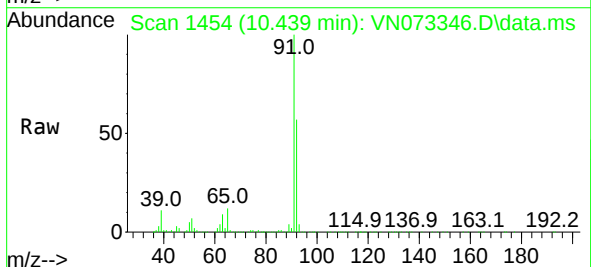
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ClientSampleId :
WC-16-2-6

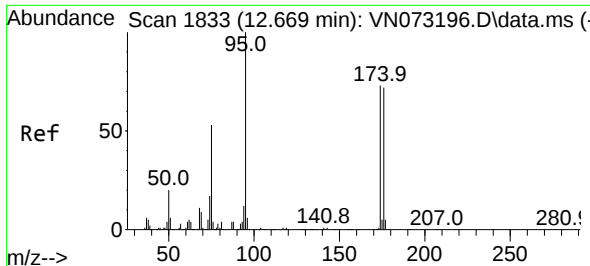
Tgt Ion: 98 Resp: 518088
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#52
Toluene
Concen: 41.688 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

Tgt Ion: 92 Resp: 380150
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8

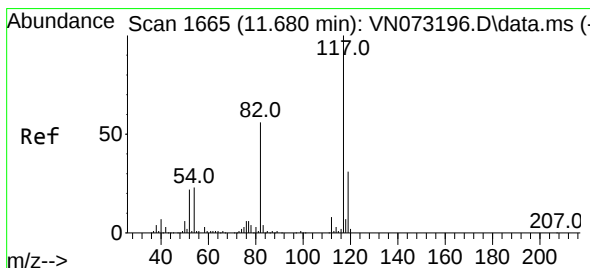
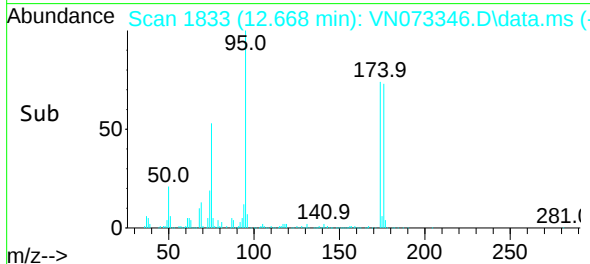
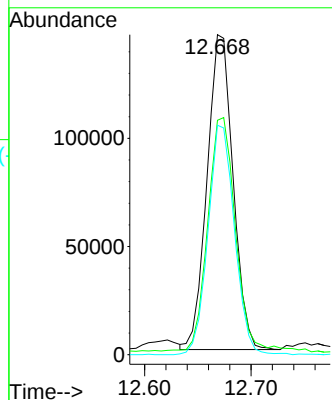
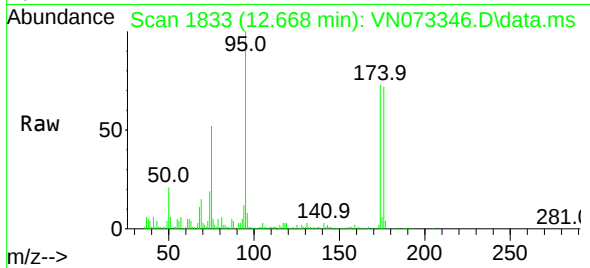




#62
4-Bromofluorobenzene
Concen: 58.290 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

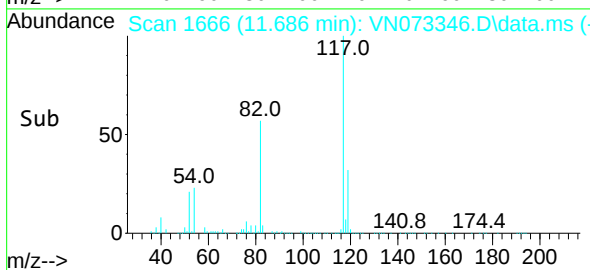
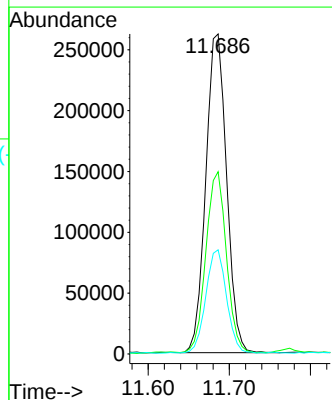
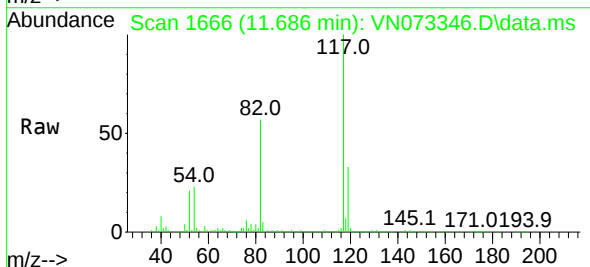
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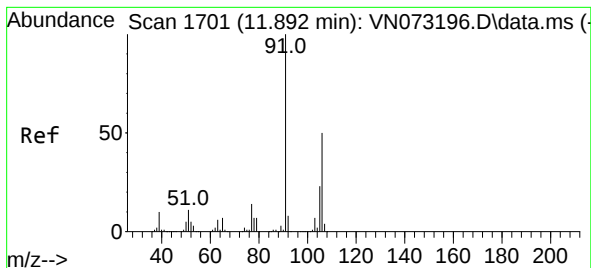
Tgt Ion: 95 Resp: 247211
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 74.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073346.D
Acq: 06 Jul 2022 15:36

Tgt Ion: 117 Resp: 466562
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 32.3 25.4 38.0





#68

m/p-Xylenes

Concen: 2.823 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073346.D

Acq: 06 Jul 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

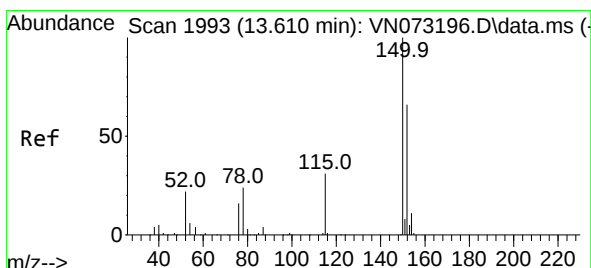
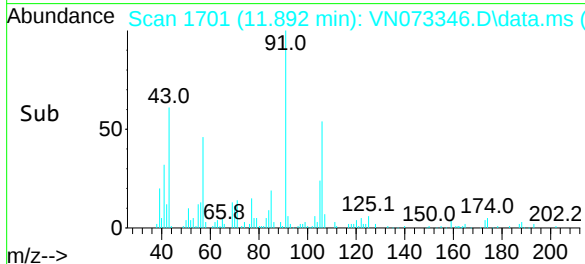
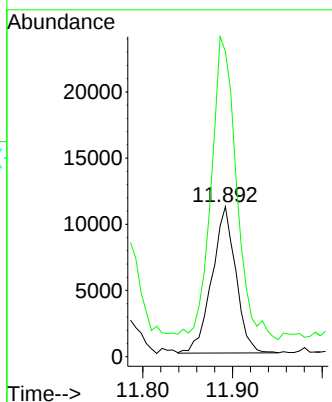
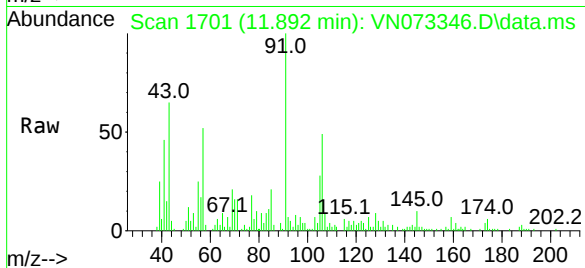
WC-16-2-6

Tgt Ion:106 Resp: 20406

Ion Ratio Lower Upper

106 100

91 221.1 158.9 238.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073346.D

Acq: 06 Jul 2022 15:36

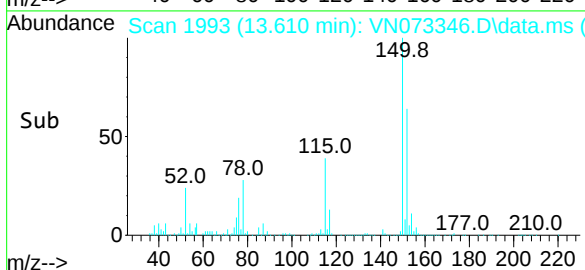
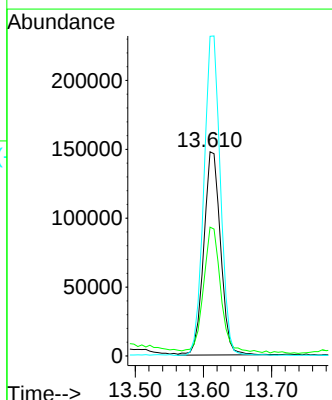
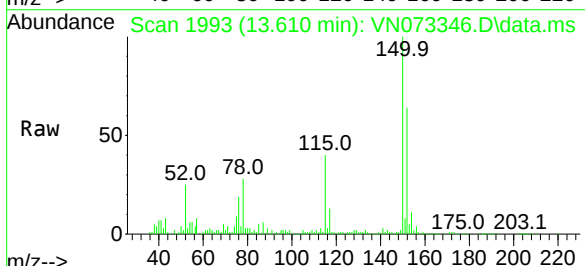
Tgt Ion:152 Resp: 252725

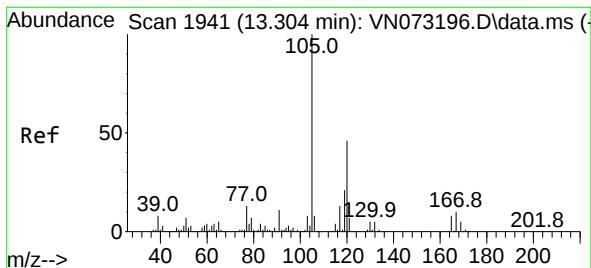
Ion Ratio Lower Upper

152 100

115 63.0 28.9 86.7

150 154.5 0.0 356.2





#84

1,2,4-Trimethylbenzene

Concen: 2.050 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073346.D

Acq: 06 Jul 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

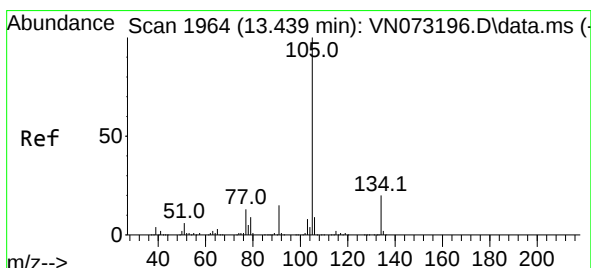
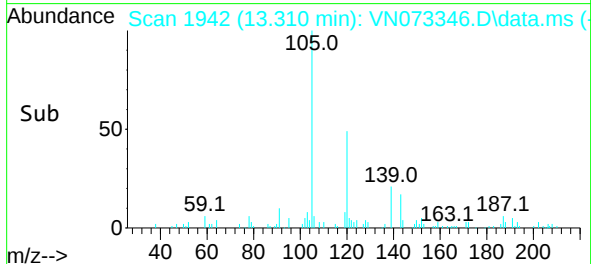
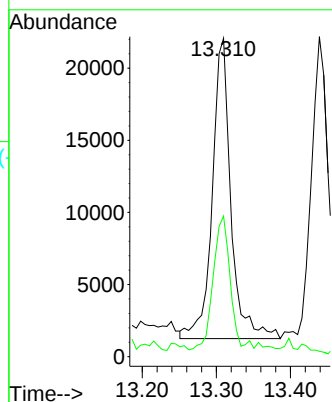
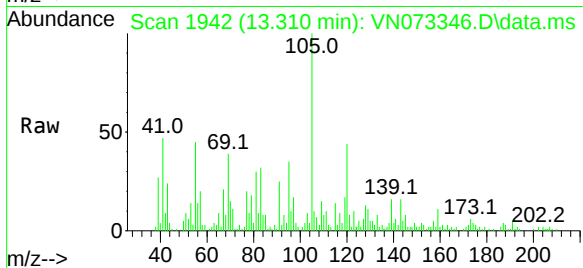
WC-16-2-6

Tgt Ion:105 Resp: 36405

Ion Ratio Lower Upper

105 100

120 39.8 23.3 69.8



#85

sec-Butylbenzene

Concen: 1.566 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073346.D

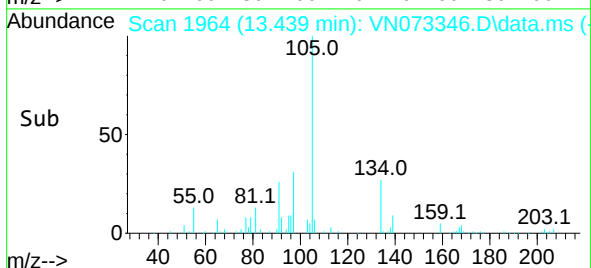
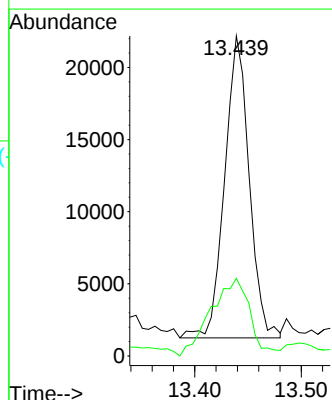
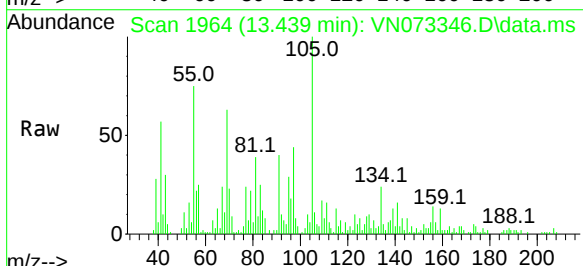
Acq: 06 Jul 2022 15:36

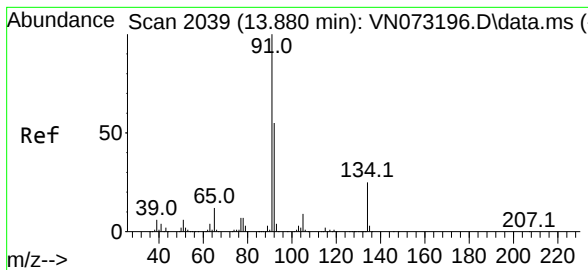
Tgt Ion:105 Resp: 33537

Ion Ratio Lower Upper

105 100

134 40.8 10.4 31.1#





#89

n-Butylbenzene

Concen: 2.432 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073346.D

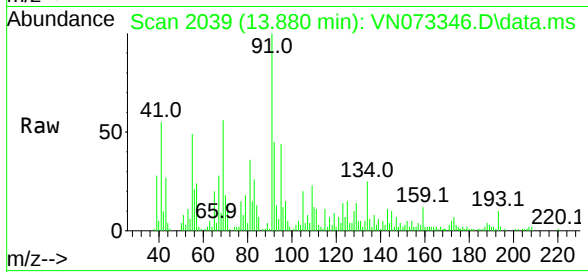
Acq: 06 Jul 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

WC-16-2-6



Tgt Ion: 91 Resp: 35061

Ion Ratio Lower Upper

91 100

92 61.2 26.9 80.7

134 0.0 13.6 40.8#

