

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073105.D
 Acq On : 25 Jun 2022 13:02
 Operator : JC\MD
 Sample : N3431-15
 Misc : 5.63g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-4

Quant Time: Jun 27 03:37:20 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)

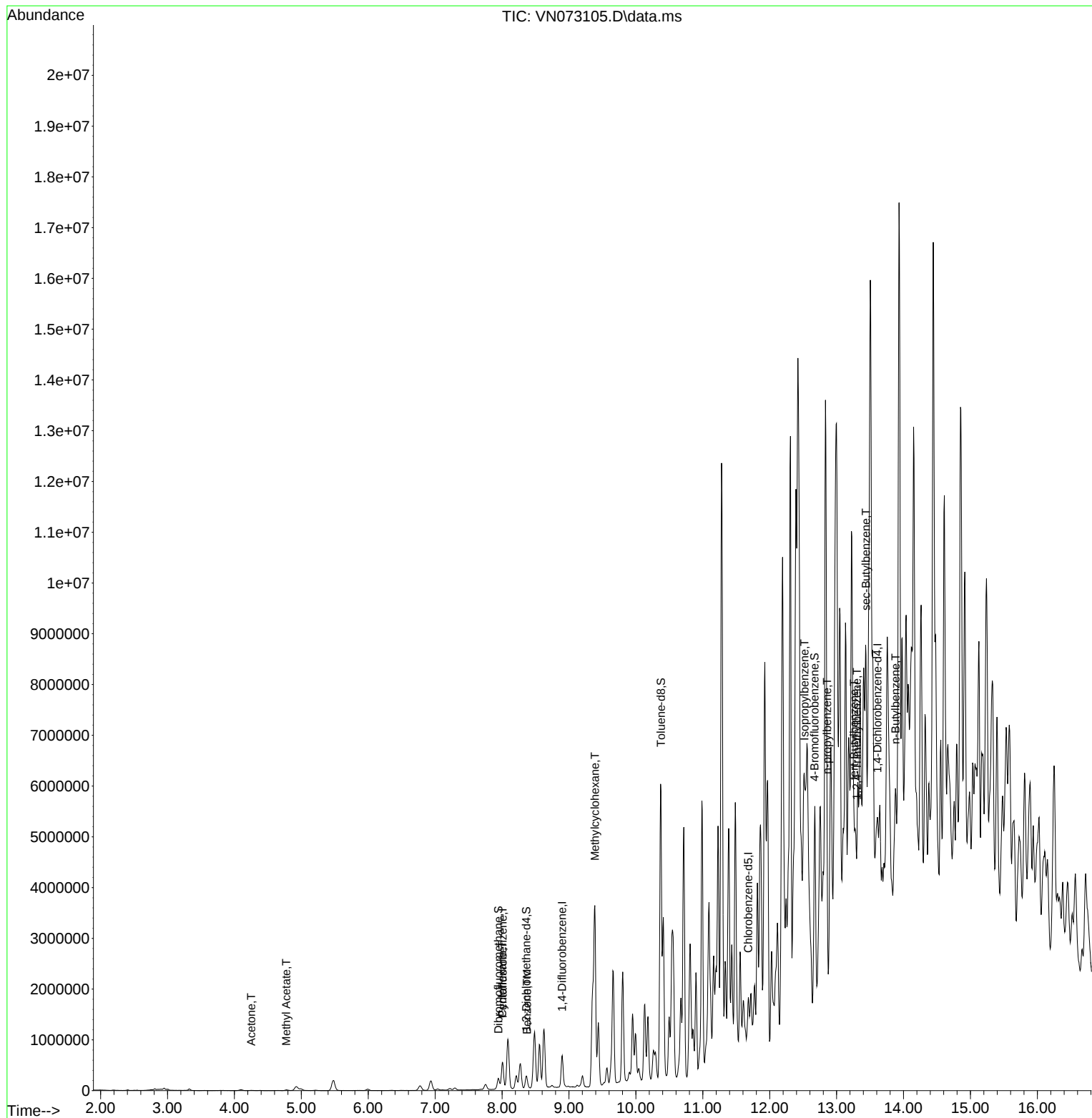
Internal Standards						
1) Pentafluorobenzene	8.010	168	336849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	545721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	510399	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	370593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	189650	41.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.280%		
35) Dibromofluoromethane	7.945	113	159587	47.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.620%		
50) Toluene-d8	10.374	98	826137	65.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	131.640%#		
62) 4-Bromofluorobenzene	12.668	95	487666	108.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	216.100%#		
Target Compounds						Qvalue
16) Acetone	4.251	43	8151	3.256	ug/l	# 87
18) Methyl Acetate	4.775	43	31617	4.743	ug/l	91
31) Cyclohexane	8.004	56	65148	10.575	ug/l	# 91
39) Methylcyclohexane	9.386	83	1476919	268.465	ug/l	91
40) Benzene	8.375	78	27419	1.912	ug/l	# 89
73) Isopropylbenzene	12.521	105	963153	33.594	ug/l	99
78) n-propylbenzene	12.857	91	930582	29.509	ug/l	96
83) tert-Butylbenzene	13.263	119	173536	8.046	ug/l	76
84) 1,2,4-Trimethylbenzene	13.304	105	113168	4.825	ug/l	82
85) sec-Butylbenzene	13.439	105	1328568	46.176	ug/l	80
89) n-Butylbenzene	13.880	91	629714	33.107	ug/l	94

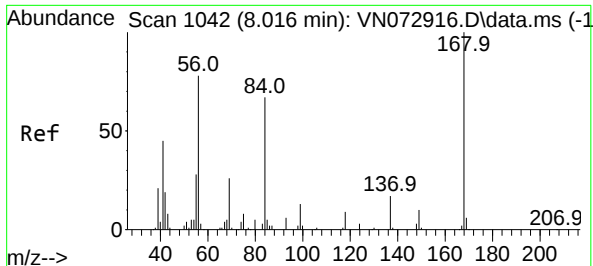
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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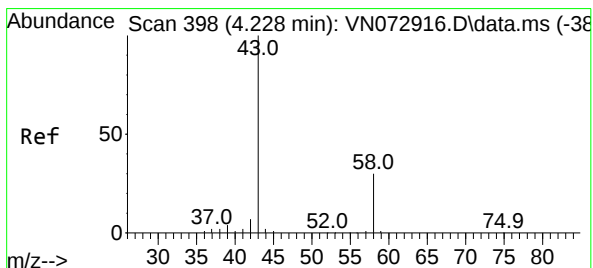
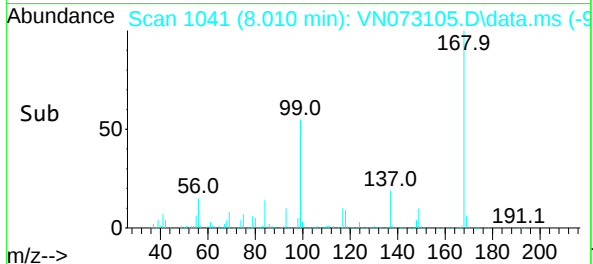
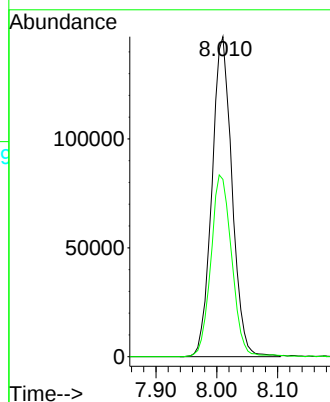
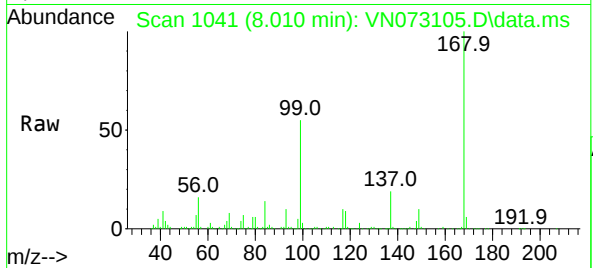




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

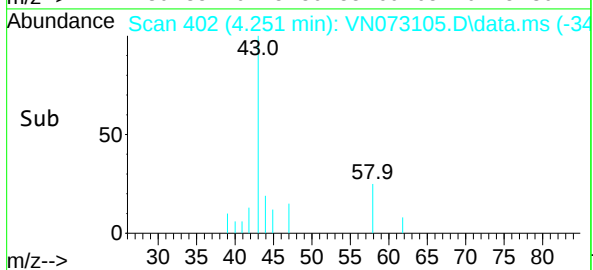
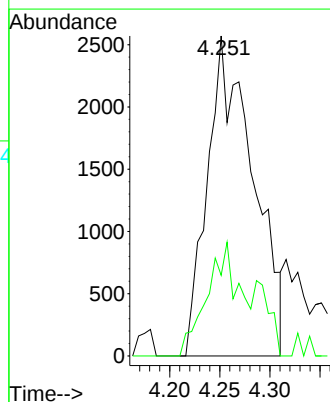
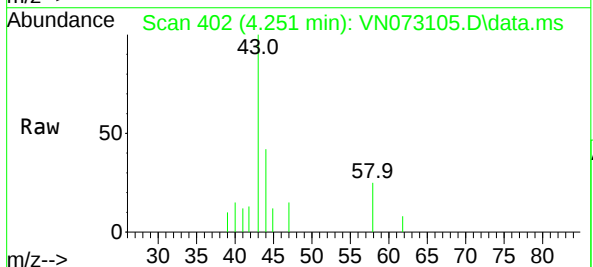
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

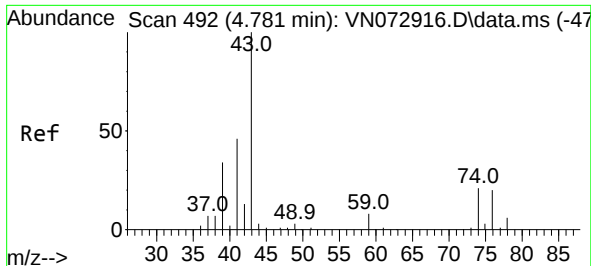
Tgt Ion:168 Resp: 336849
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#16
Acetone
Concen: 3.256 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

Tgt Ion: 43 Resp: 8151
Ion Ratio Lower Upper
43 100
58 25.2 26.0 39.0#

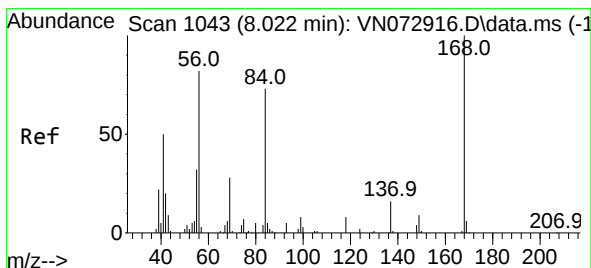
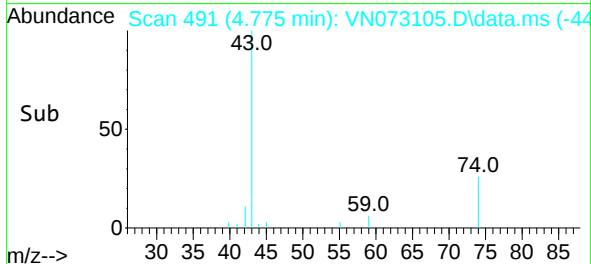
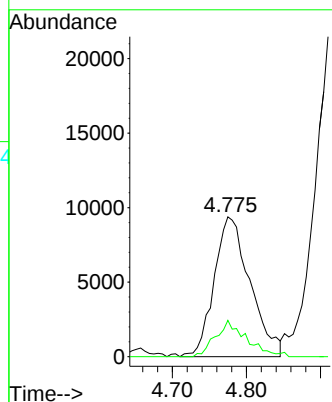
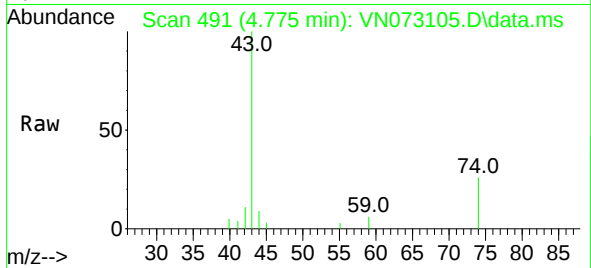




#18
Methyl Acetate
Concen: 4.743 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

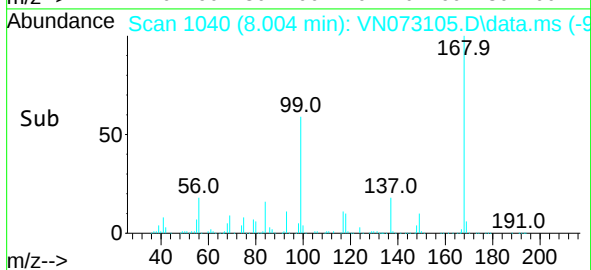
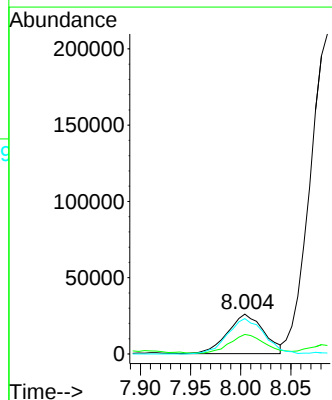
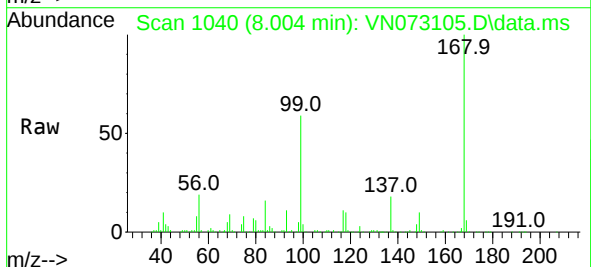
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

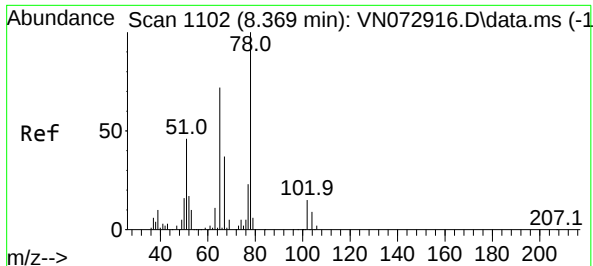
Tgt Ion: 43 Resp: 31617
Ion Ratio Lower Upper
43 100
74 22.3 21.6 32.4



#31
Cyclohexane
Concen: 10.575 ug/l
RT: 8.004 min Scan# 1040
Delta R.T. -0.018 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

Tgt Ion: 56 Resp: 65148
Ion Ratio Lower Upper
56 100
69 44.3 27.8 41.8#
84 89.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 41.644 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073105.D

Acq: 25 Jun 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

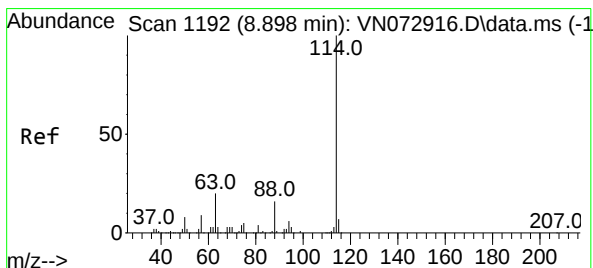
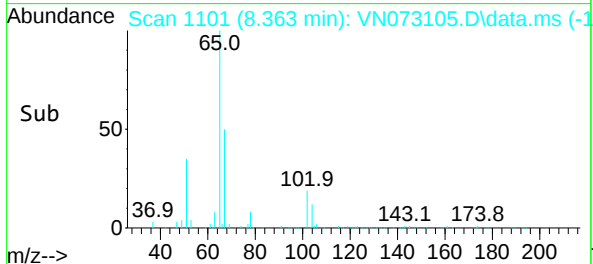
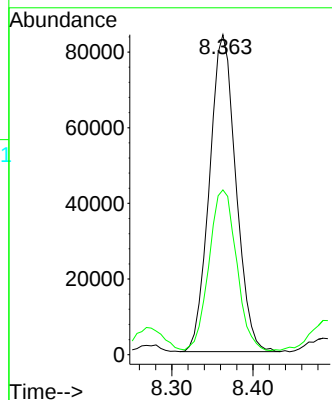
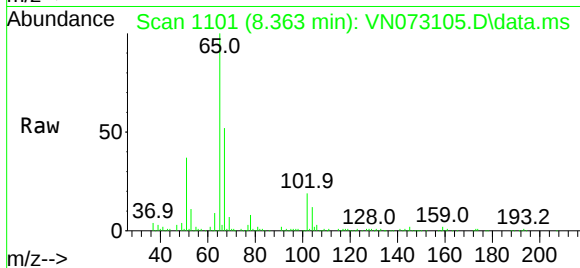
WC-14B-2-4

Tgt Ion: 65 Resp: 189650

Ion Ratio Lower Upper

65 100

67 52.6 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: VN073105.D

Acq: 25 Jun 2022 13:02

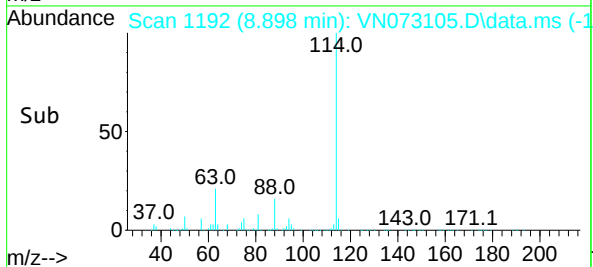
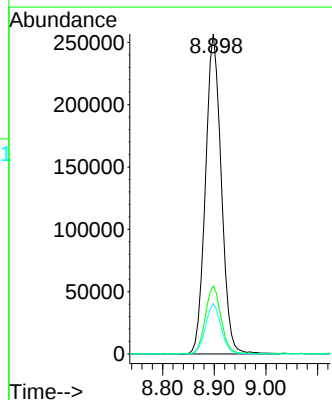
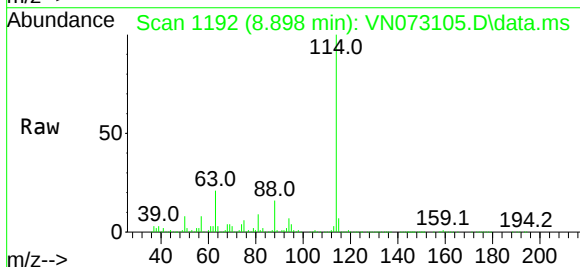
Tgt Ion: 114 Resp: 545721

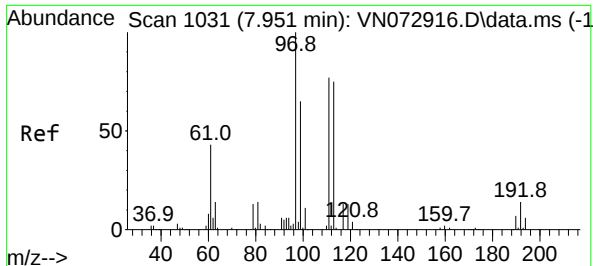
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.312 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073105.D

Acq: 25 Jun 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-4

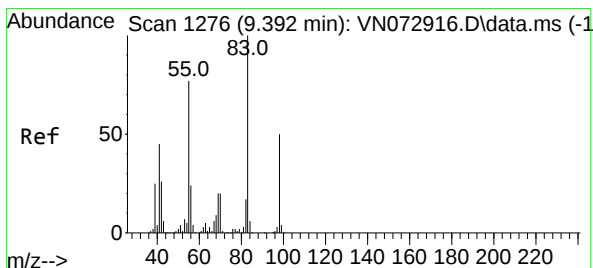
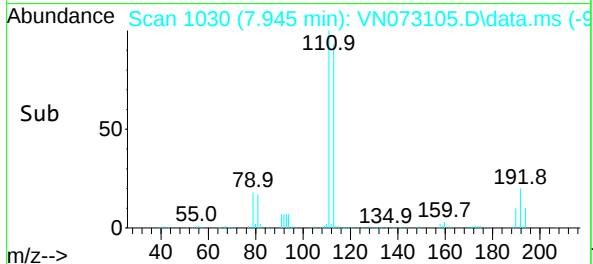
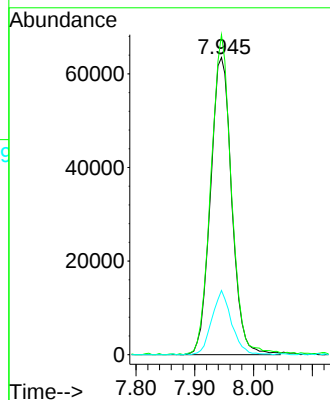
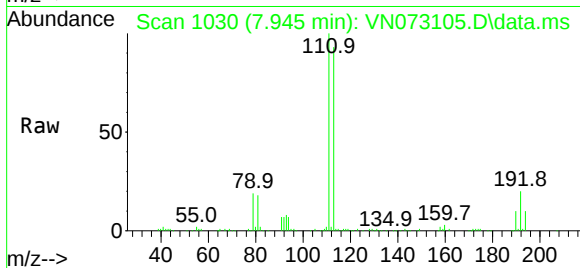
Tgt Ion:113 Resp: 159587

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 20.1 17.0 25.6



#39

Methylcyclohexane

Concen: 268.465 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN073105.D

Acq: 25 Jun 2022 13:02

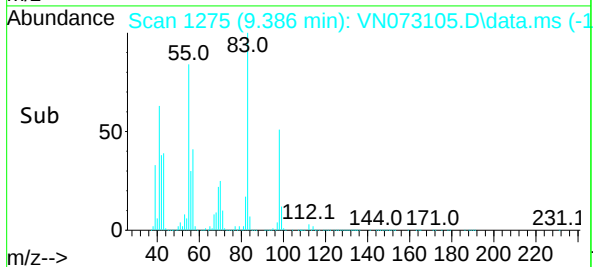
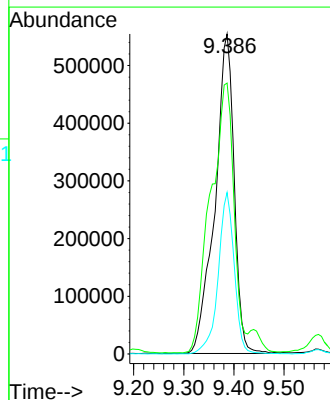
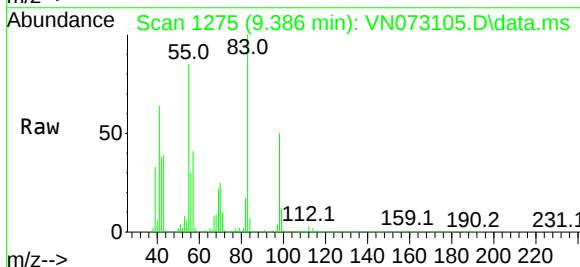
Tgt Ion: 83 Resp: 1476919

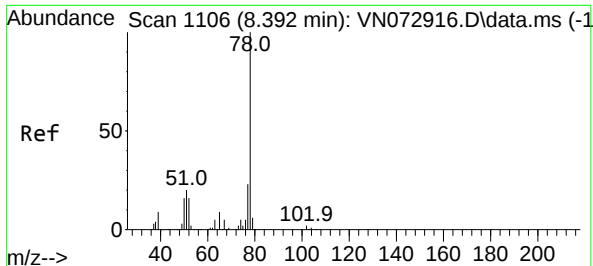
Ion Ratio Lower Upper

83 100

55 84.4 57.8 86.8

98 50.5 39.4 59.2

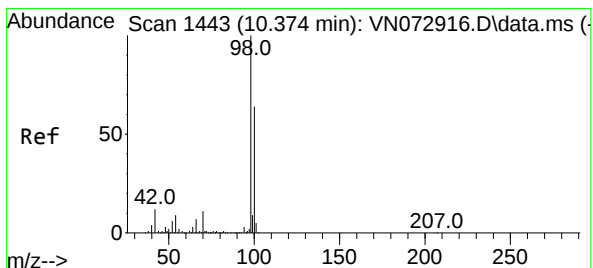
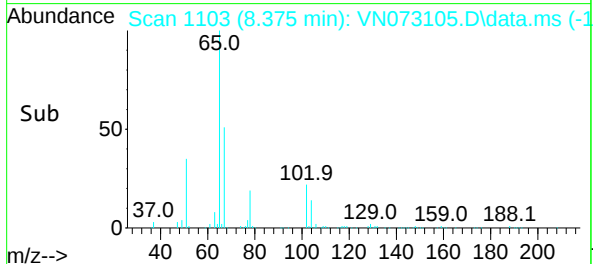
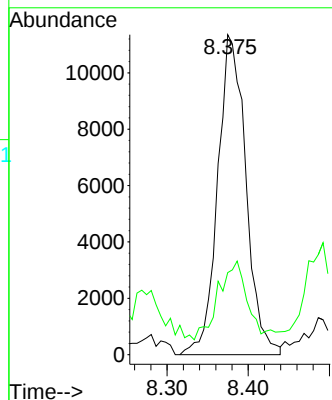
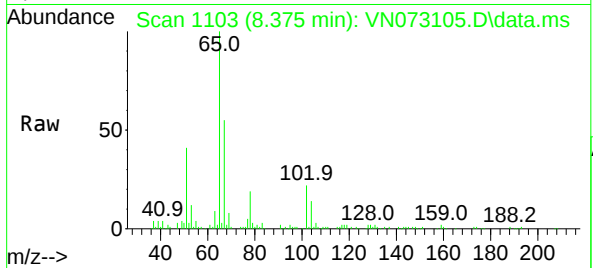




#40
Benzene
Concen: 1.912 ug/l
RT: 8.375 min Scan# 1106
Delta R.T. -0.018 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

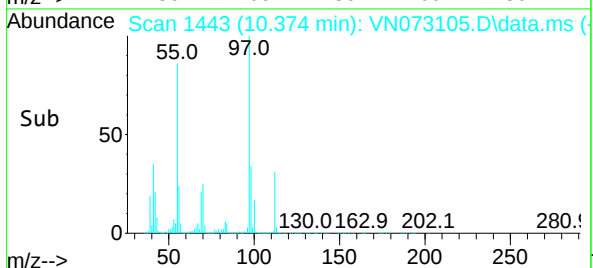
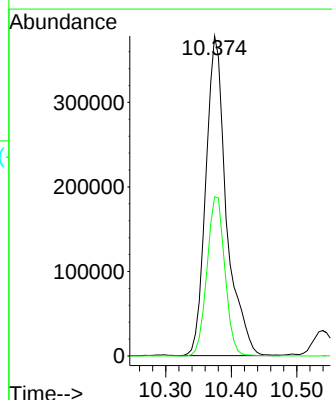
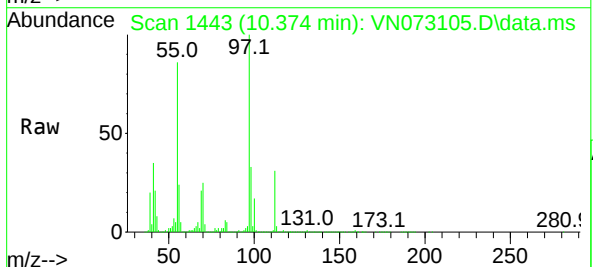
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WC-14B-2-4

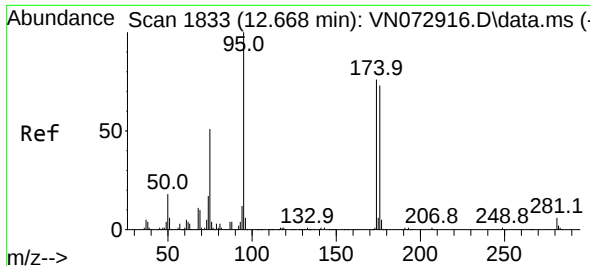
Tgt Ion: 78 Resp: 27419
Ion Ratio Lower Upper
78 100
77 18.5 19.4 29.0#



#50
Toluene-d8
Concen: 65.821 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

Tgt Ion: 98 Resp: 826137
Ion Ratio Lower Upper
98 100
100 43.4 52.6 78.8#

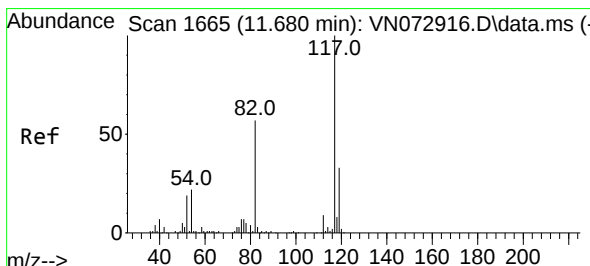
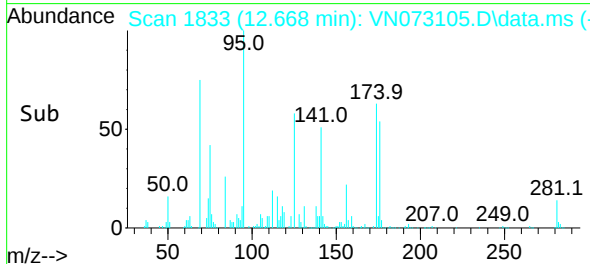
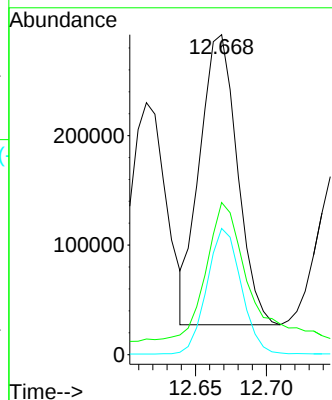
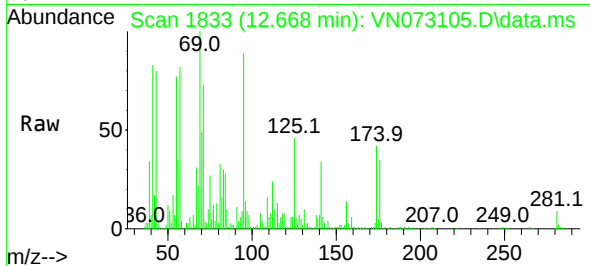




#62
4-Bromofluorobenzene
Concen: 108.052 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

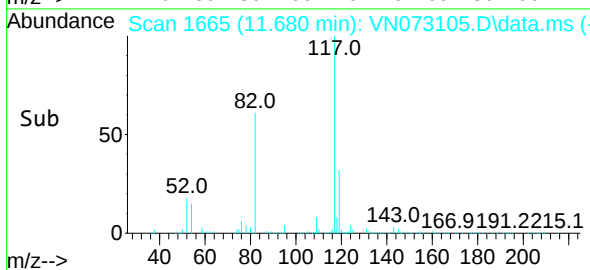
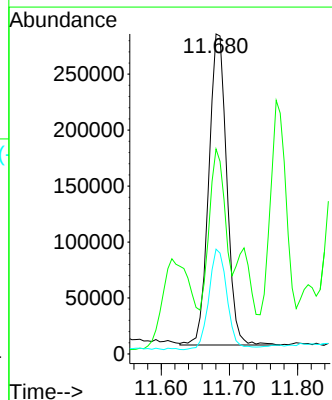
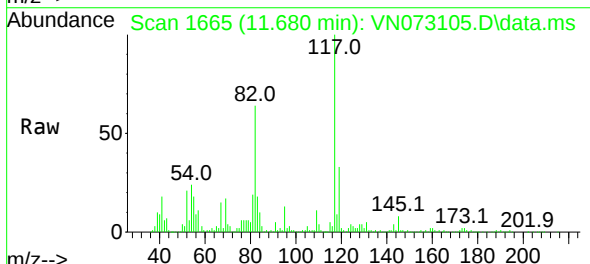
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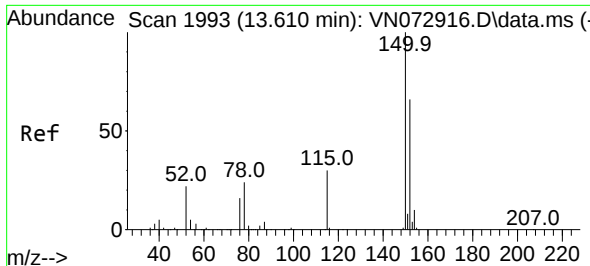
Tgt Ion: 95 Resp: 487666
Ion Ratio Lower Upper
95 100
174 70.3 0.0 167.6
176 39.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

Tgt Ion: 117 Resp: 510399
Ion Ratio Lower Upper
117 100
82 37.7 44.2 66.2#
119 32.2 25.4 38.0

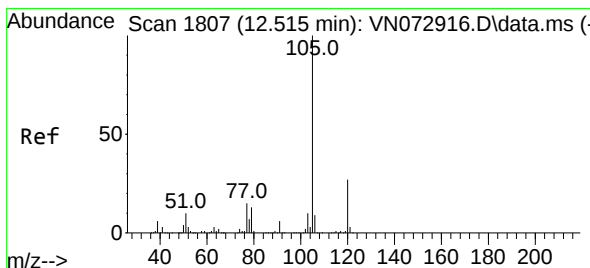
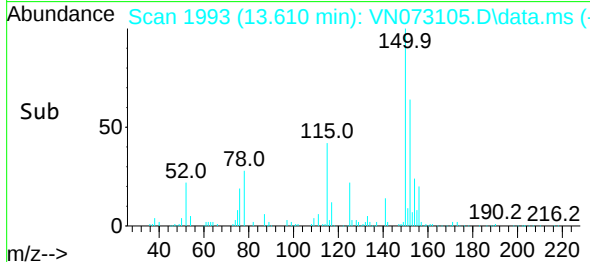
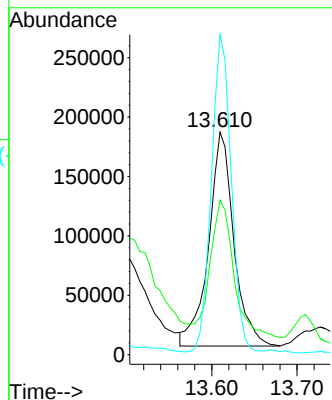
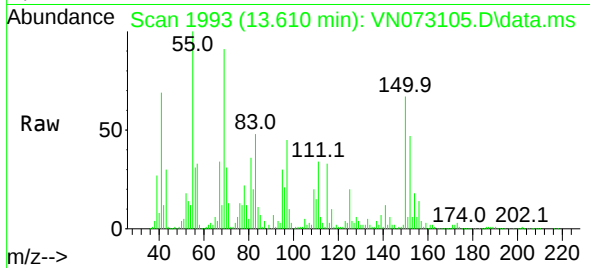




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

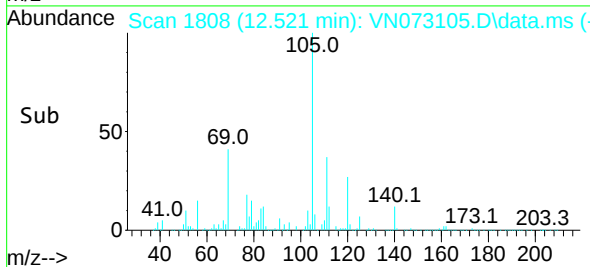
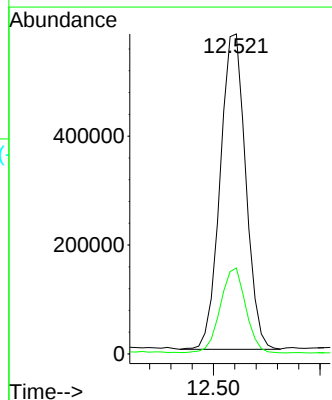
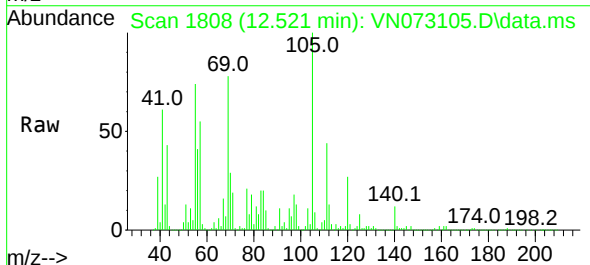
Instrument :
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WC-14B-2-4

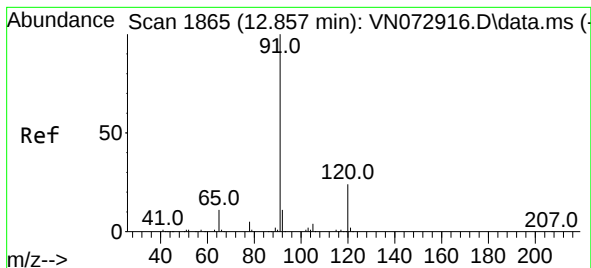
Tgt Ion:152 Resp: 370593
Ion Ratio Lower Upper
152 100
115 61.8 28.9 86.7
150 116.3 0.0 356.2



#73
Isopropylbenzene
Concen: 33.594 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN073105.D
Acq: 25 Jun 2022 13:02

Tgt Ion:105 Resp: 963153
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4





#78

n-propylbenzene

Concen: 29.509 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073105.D

Acq: 25 Jun 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

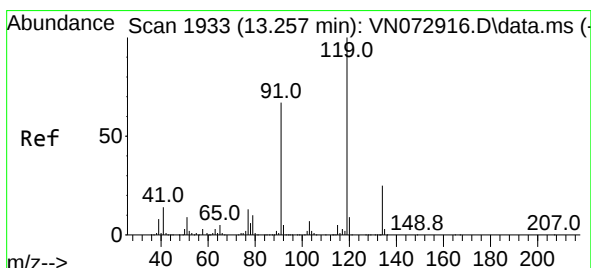
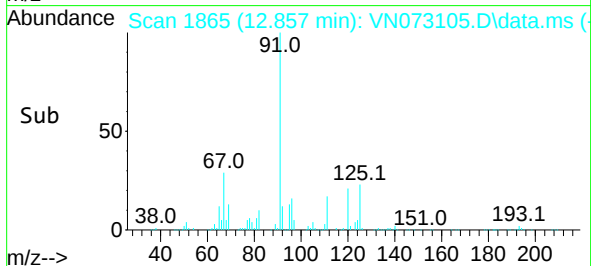
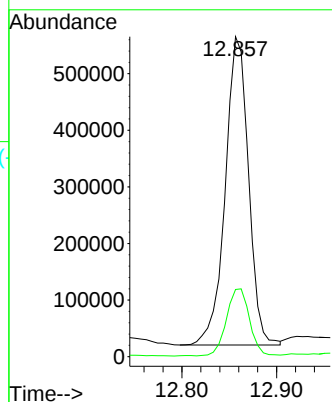
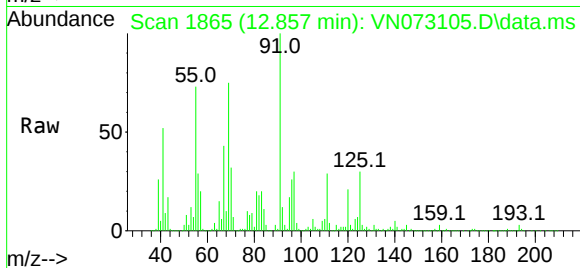
WC-14B-2-4

Tgt Ion: 91 Resp: 930582

Ion Ratio Lower Upper

91 100

120 21.5 11.9 35.5



#83

tert-Butylbenzene

Concen: 8.046 ug/l

RT: 13.263 min Scan# 1934

Delta R.T. 0.006 min

Lab File: VN073105.D

Acq: 25 Jun 2022 13:02

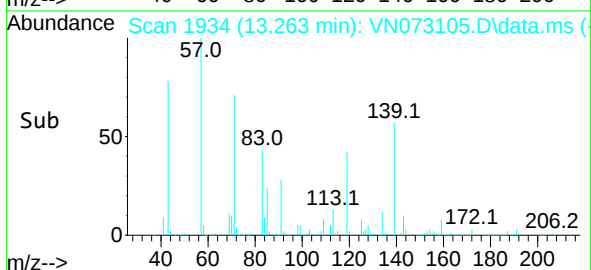
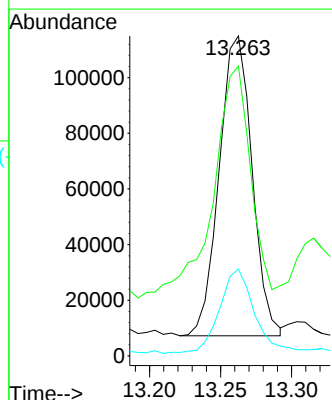
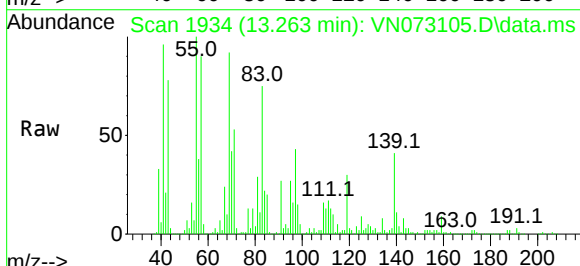
Tgt Ion: 119 Resp: 173536

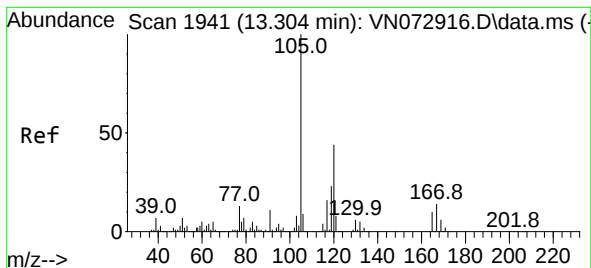
Ion Ratio Lower Upper

119 100

91 89.3 31.6 94.8

134 29.1 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 4.825 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073105.D

Acq: 25 Jun 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

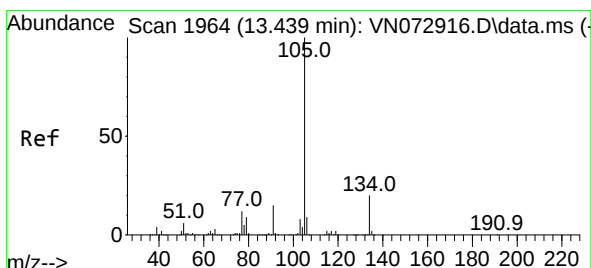
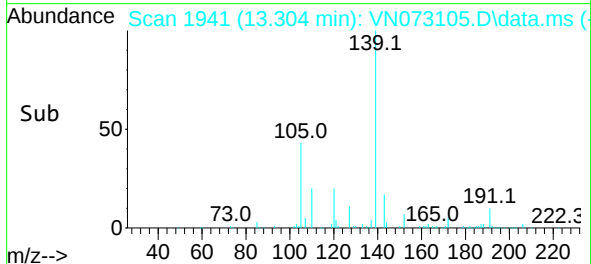
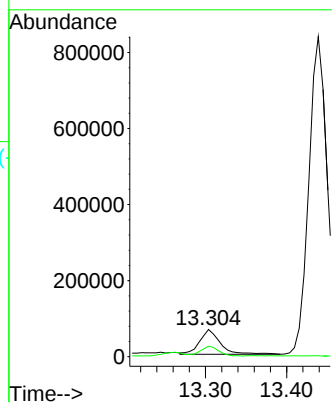
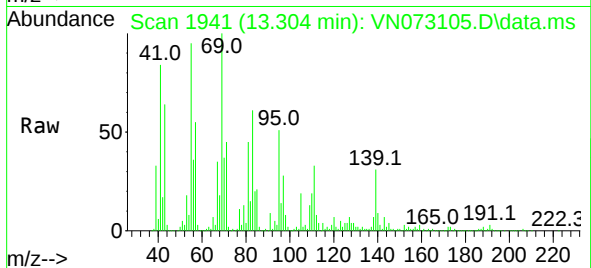
WC-14B-2-4

Tgt Ion:105 Resp: 113168

Ion Ratio Lower Upper

105 100

120 34.6 23.3 69.8



#85

sec-Butylbenzene

Concen: 46.176 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073105.D

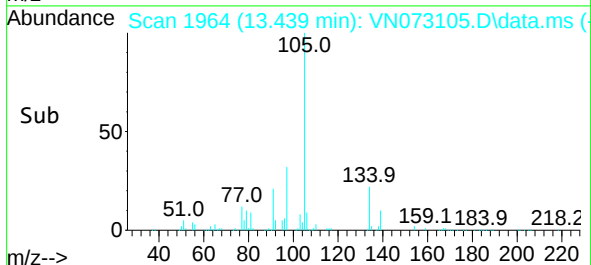
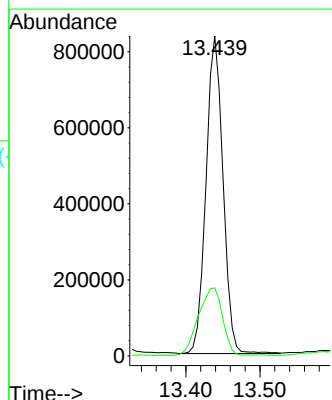
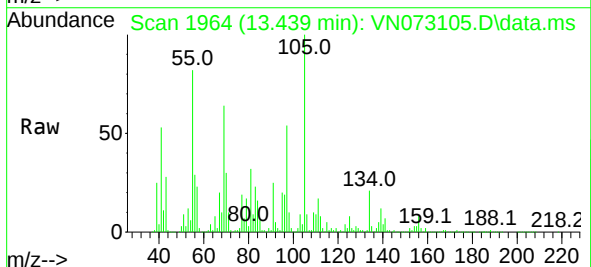
Acq: 25 Jun 2022 13:02

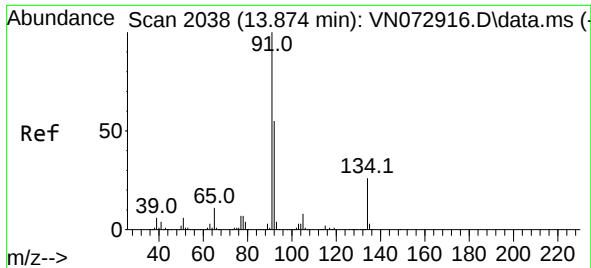
Tgt Ion:105 Resp: 1328568

Ion Ratio Lower Upper

105 100

134 30.1 10.4 31.1





#89

n-Butylbenzene

Concen: 33.107 ug/l

RT: 13.880 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN073105.D

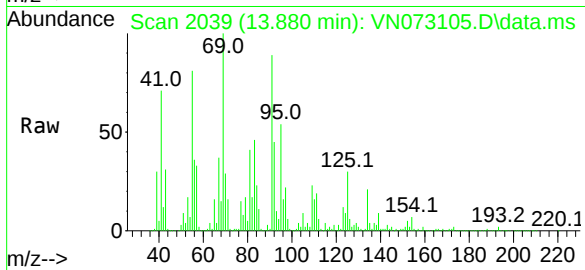
Acq: 25 Jun 2022 13:02

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-4



Tgt Ion: 91 Resp: 629714

Ion Ratio Lower Upper

91 100

92 51.6 26.9 80.7

134 32.8 13.6 40.8

