

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071317.D
 Acq On : 16 Mar 2022 13:40
 Operator : JC\MD
 Sample : N1905-07ME
 Misc : 2.86g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-4-(3.5-4.0)ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 16 15:49:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	856982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1390765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1223212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	673421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	521294	44.383	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.760%		
35) Dibromofluoromethane	8.016	113	393042	44.785	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.560%		
50) Toluene-d8	10.439	98	1812586	51.296	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.727	95	636300	53.178	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.360%		
Target Compounds						
31) Cyclohexane	8.075	56	36515m	1.947	ug/l	Qvalue
39) Methylcyclohexane	9.451	83	498135	30.113	ug/l	93
73) Isopropylbenzene	12.574	105	192487	2.965	ug/l	82
78) n-propylbenzene	12.916	91	310900	4.463	ug/l	94
85) sec-Butylbenzene	13.498	105	237314	3.961	ug/l #	72
89) n-Butylbenzene	13.939	91	177841	4.826	ug/l #	84

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

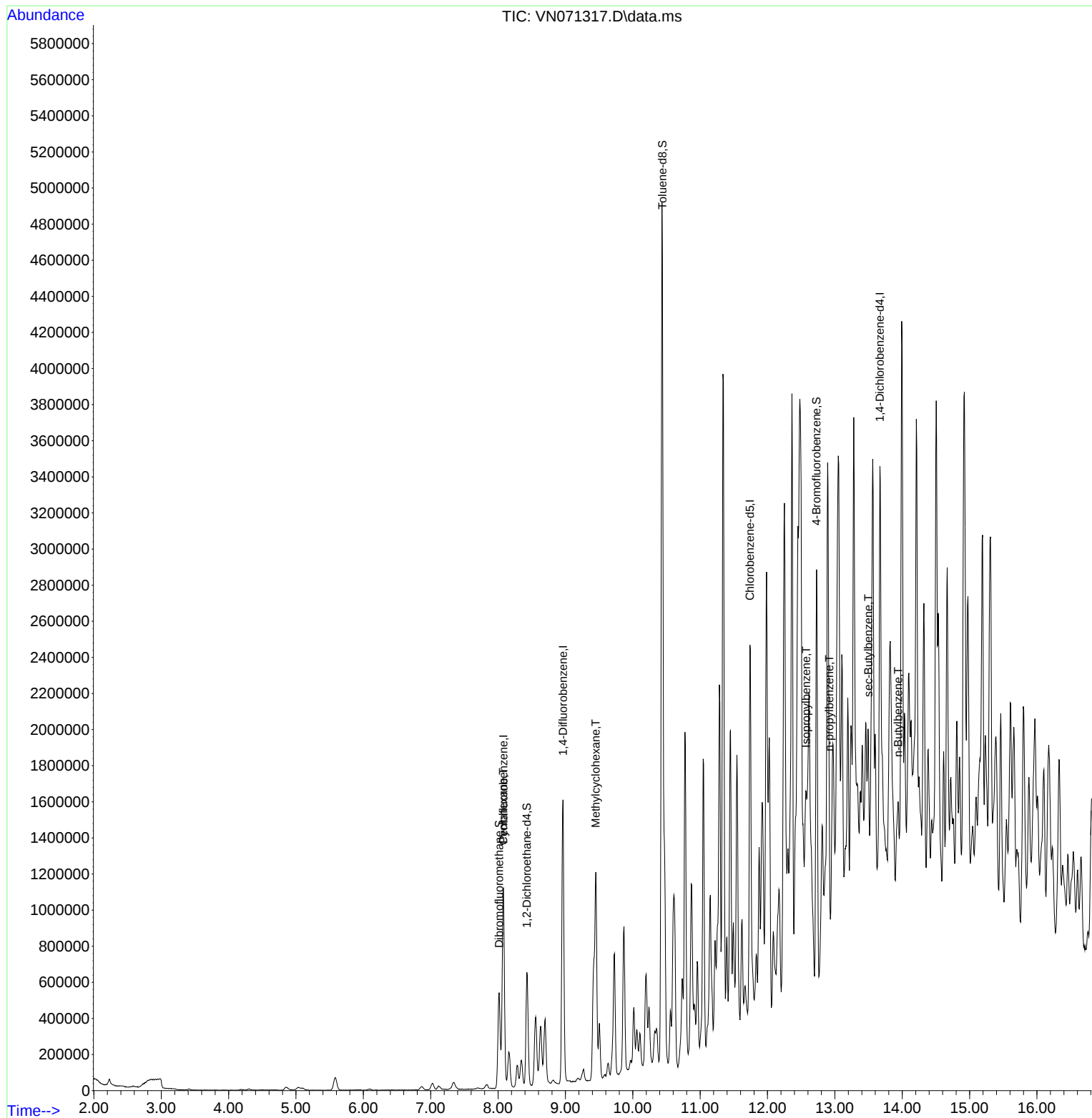
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
Data File : VN071317.D
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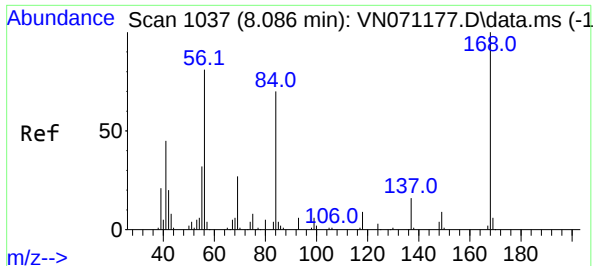
Instrument :
MSVOA_N
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WC-14A-1A-4-(3.5-4.0)ME

Quant Time: Mar 16 15:49:02 2022
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VN071317.D

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Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-4-(3.5-4.0)ME

Tgt Ion:168 Resp: 85698

Ion Ratio Lower Upper

168 100

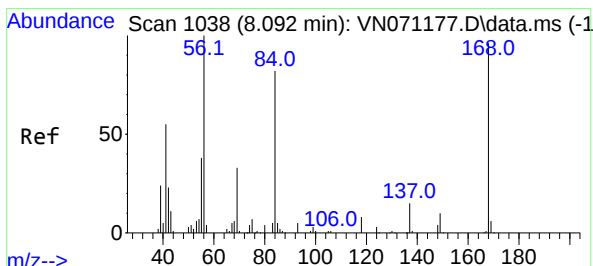
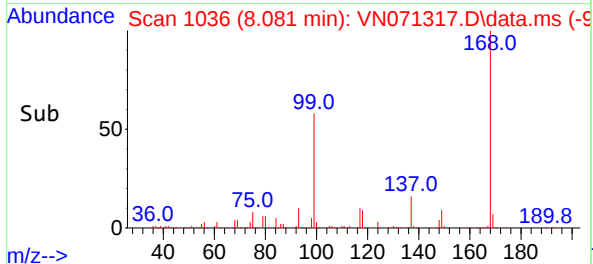
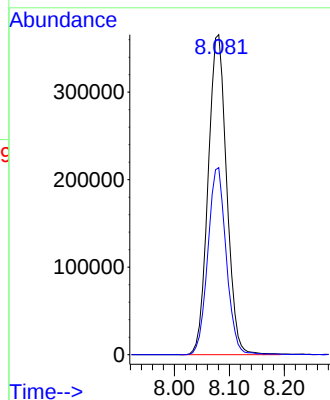
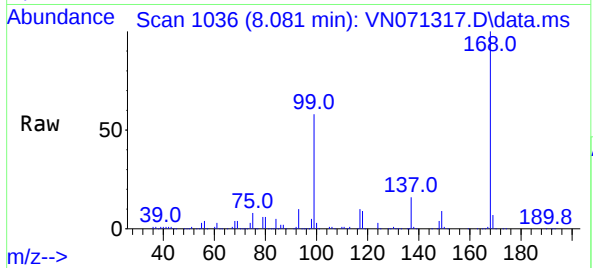
99 58.5 41.3 61.9

Manual Integrations

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Cyclohexane

Concen: 1.947 ug/l m

RT: 8.075 min Scan# 1035

Delta R.T. -0.018 min

Lab File: VN071317.D

Acq: 16 Mar 2022 13:40

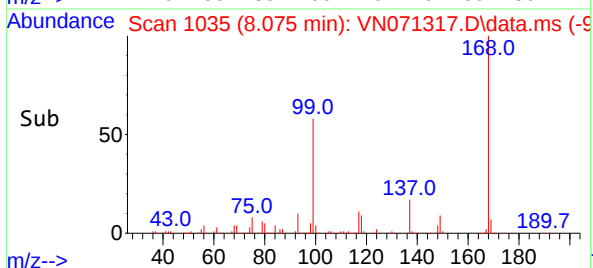
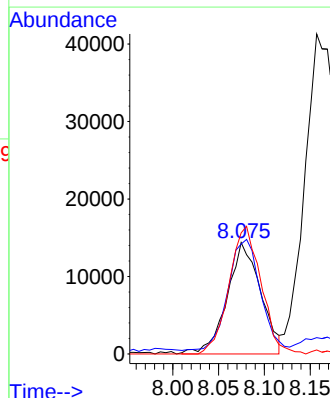
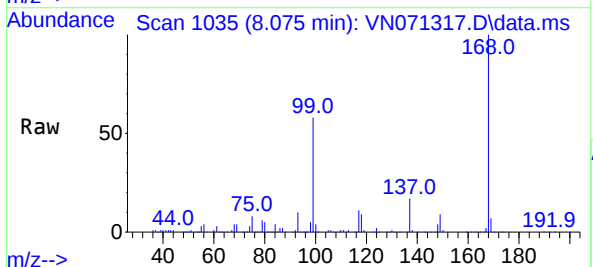
Tgt Ion: 56 Resp: 36515

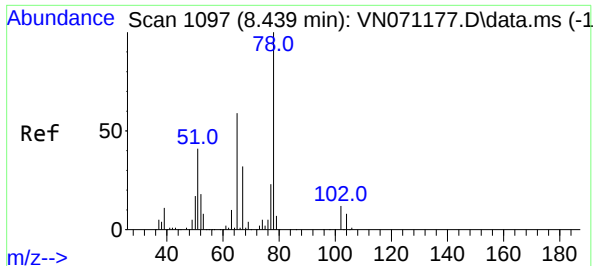
Ion Ratio Lower Upper

56 100

69 98.7 27.1 40.7#

84 108.8 73.4 110.0





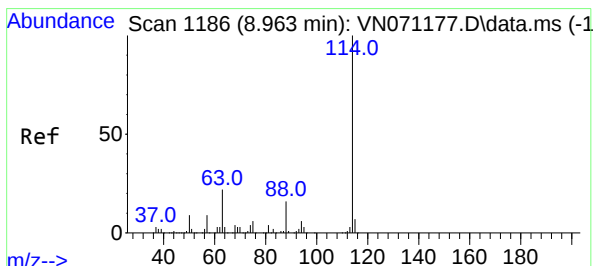
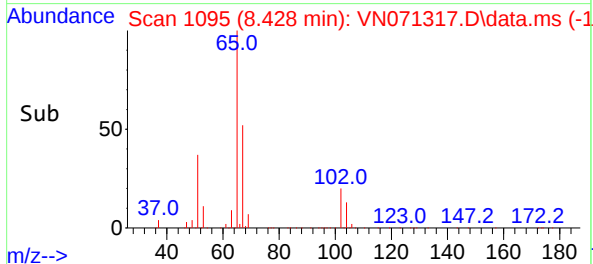
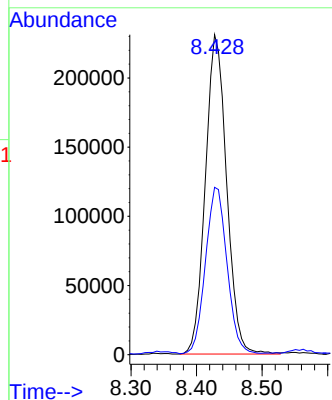
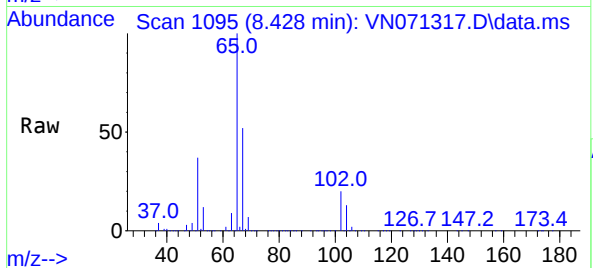
#33
1,2-Dichloroethane-d4
Concen: 44.383 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.012 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40

Instrument :
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WC-14A-1A-4-(3.5-4.0)ME

Tgt Ion: 65 Resp: 521294
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

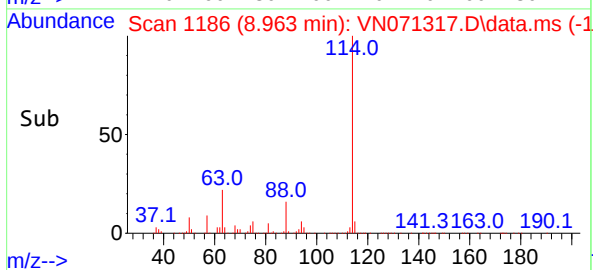
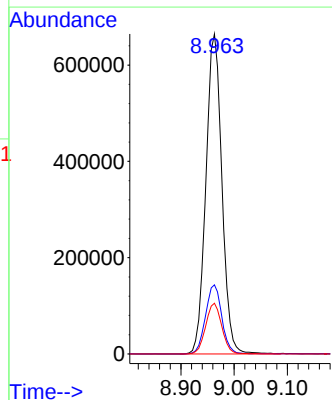
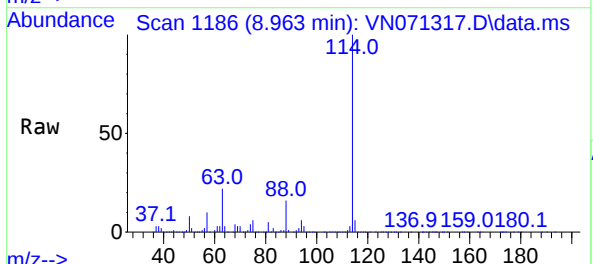
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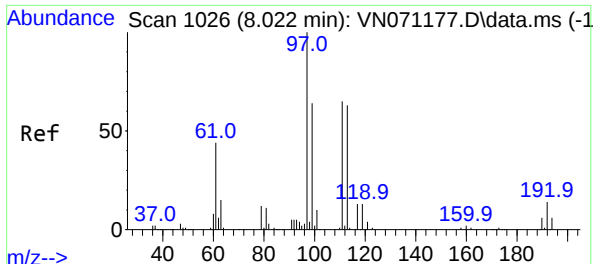
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40

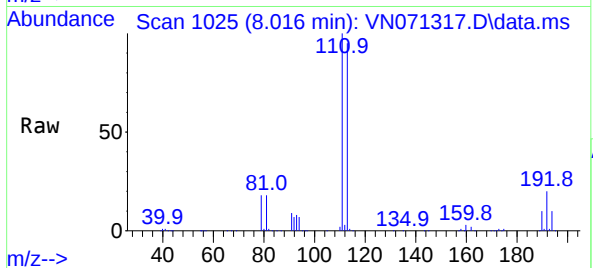
Tgt Ion:114 Resp: 1390765
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 44.785 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40

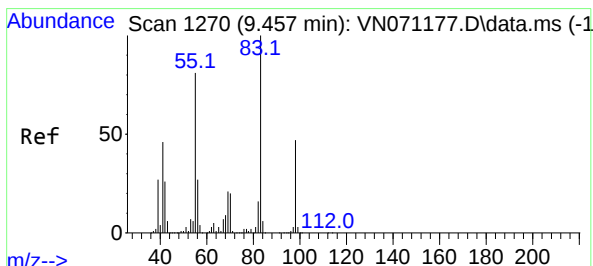
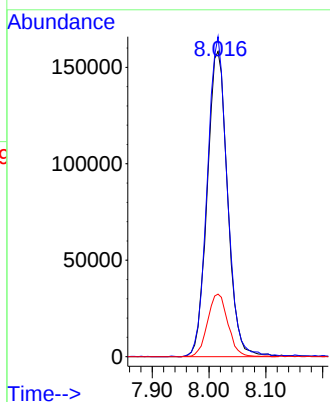
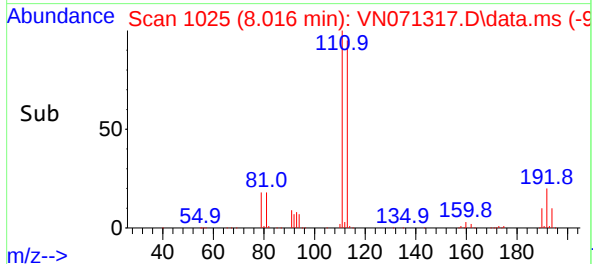
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)ME



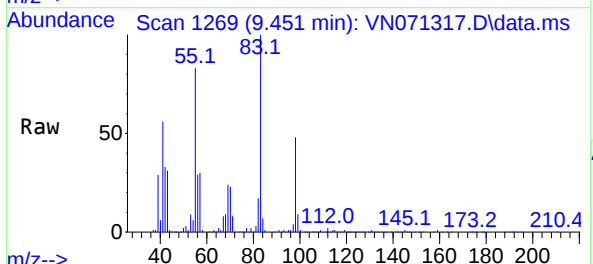
Tgt Ion:113 Resp: 39304
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.5 16.9 25.3

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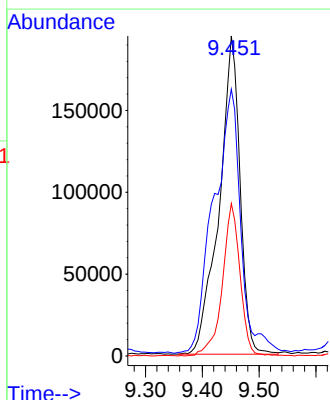
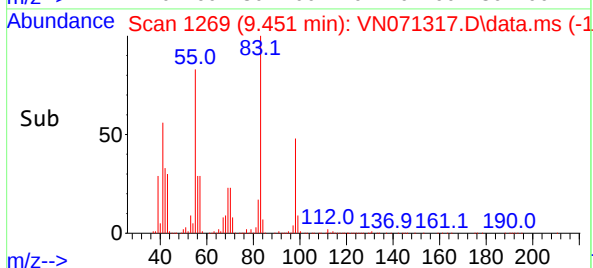
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

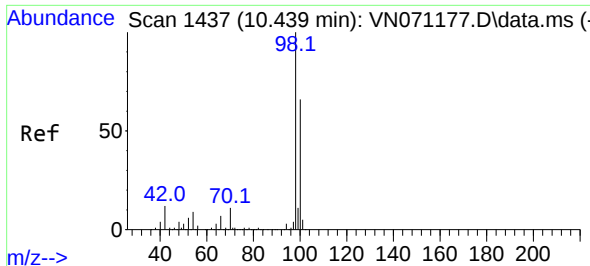


#39
Methylcyclohexane
Concen: 30.113 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40



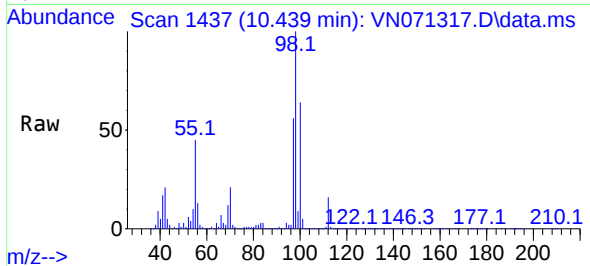
Tgt Ion: 83 Resp: 498135
Ion Ratio Lower Upper
83 100
55 82.7 58.1 87.1
98 47.9 38.4 57.6





#50
Toluene-d8
Concen: 51.296 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40

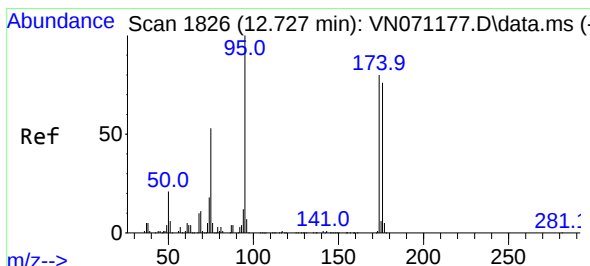
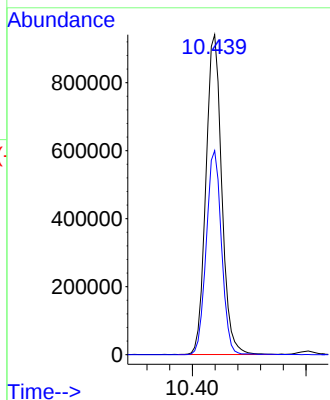
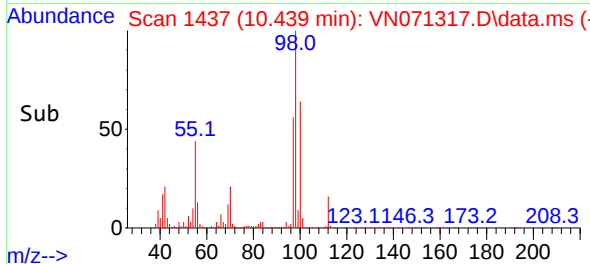
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-4-(3.5-4.0)ME



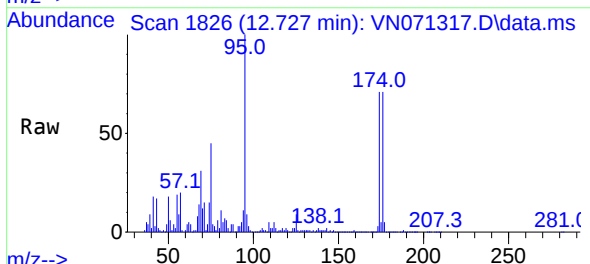
Tgt Ion: 98 Resp: 1812580
Ion Ratio Lower Upper
98 100
100 61.5 50.4 75.6

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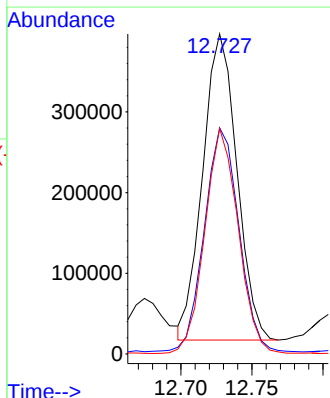
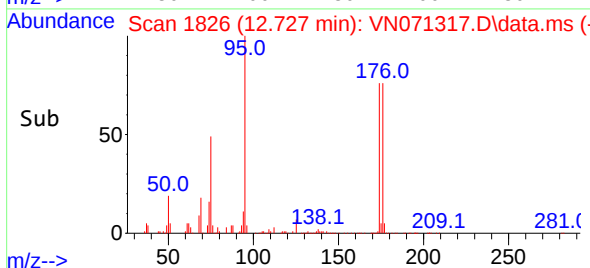
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

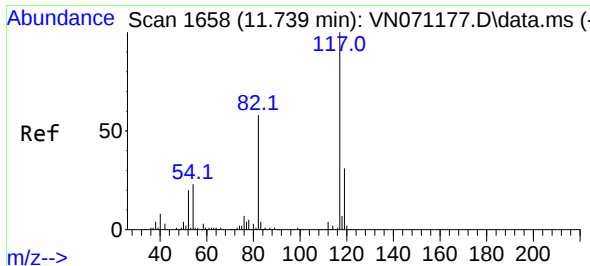


#62
4-Bromofluorobenzene
Concen: 53.178 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40



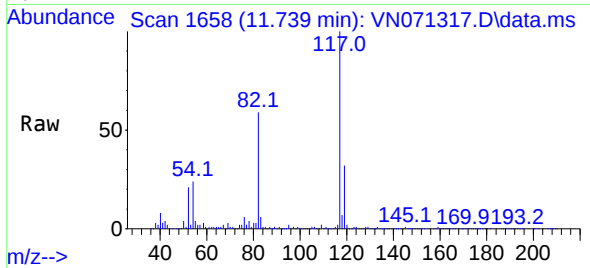
Tgt Ion: 95 Resp: 636300
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40

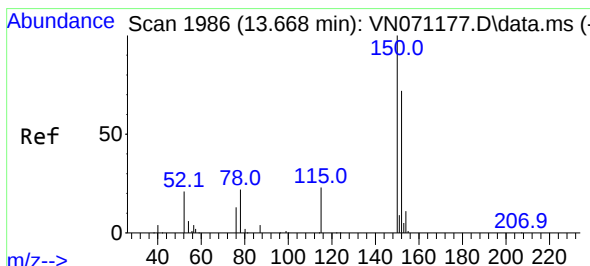
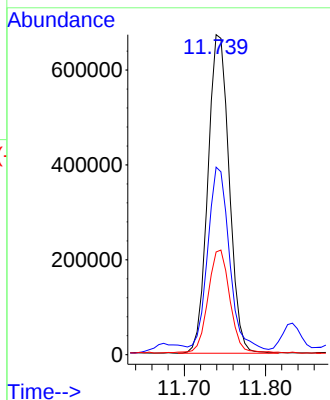
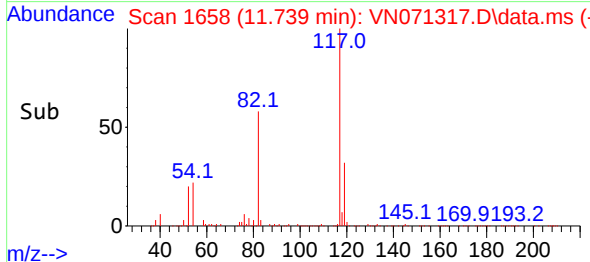
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WC-14A-1A-4-(3.5-4.0)ME



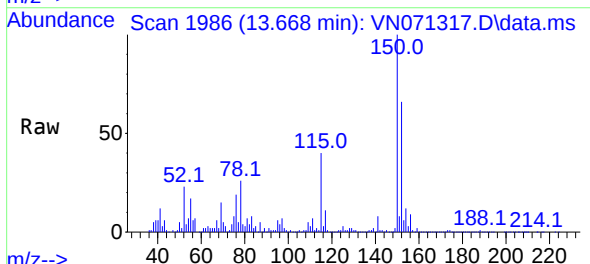
Tgt Ion:117 Resp: 122321
Ion Ratio Lower Upper
117 100
82 55.9 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
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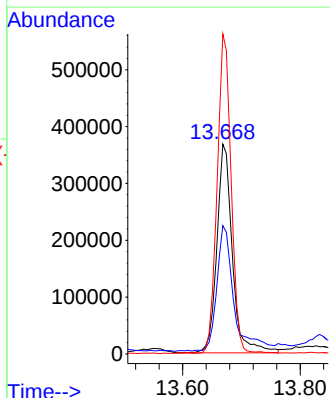
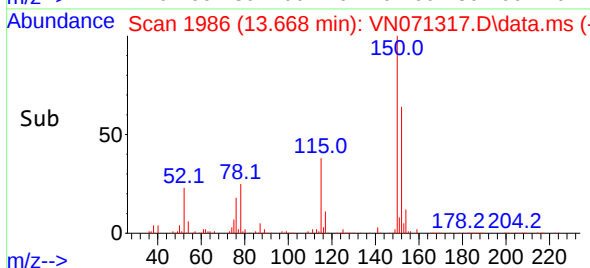
Reviewed By :John Carlone 03/17/2022
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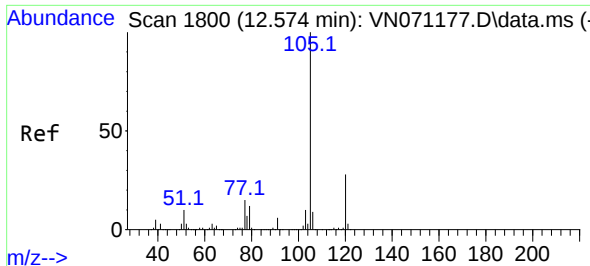


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40



Tgt Ion:152 Resp: 673421
Ion Ratio Lower Upper
152 100
115 66.3 27.5 82.5
150 137.8 0.0 344.4





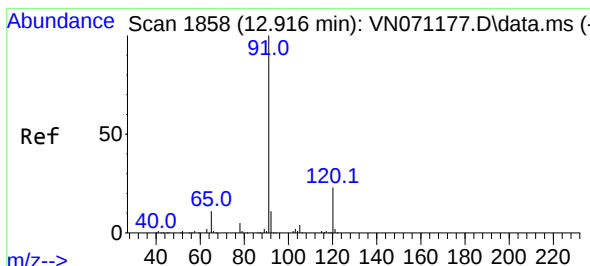
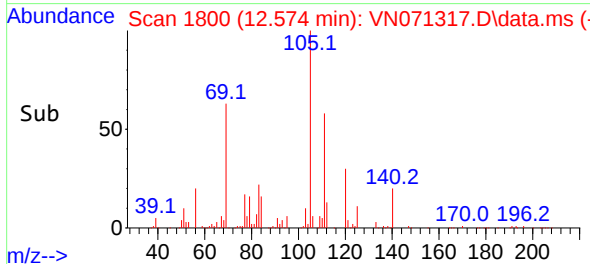
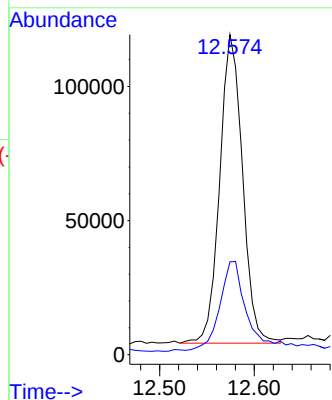
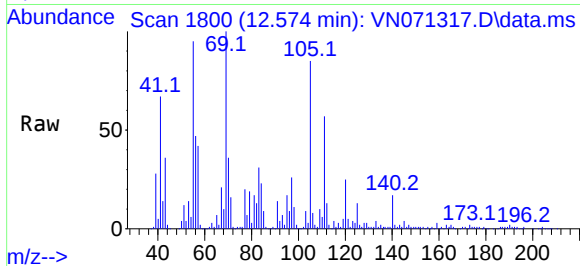
#73
Isopropylbenzene
Concen: 2.965 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40

Instrument :
MSVOA_N
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WC-14A-1A-4-(3.5-4.0)ME

Tgt Ion:105 Resp: 19248
Ion Ratio Lower Upper
105 100
120 36.2 13.4 40.1

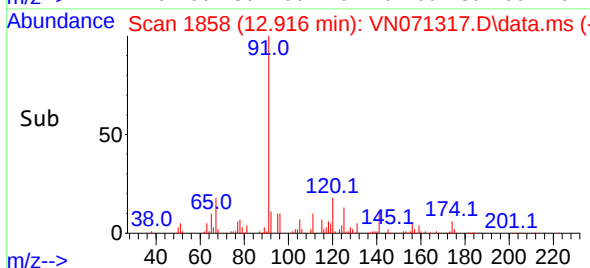
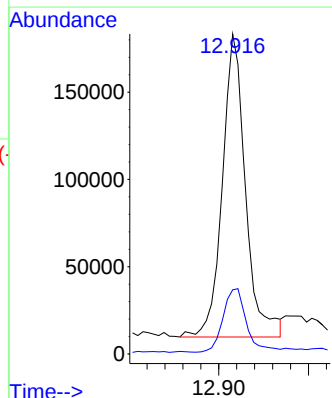
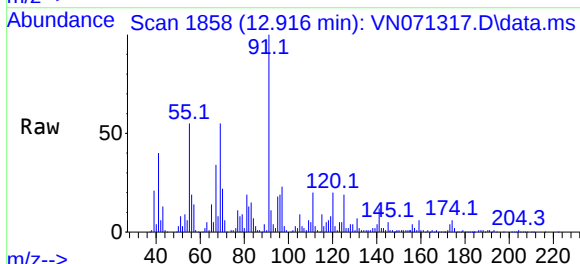
Manual Integrations
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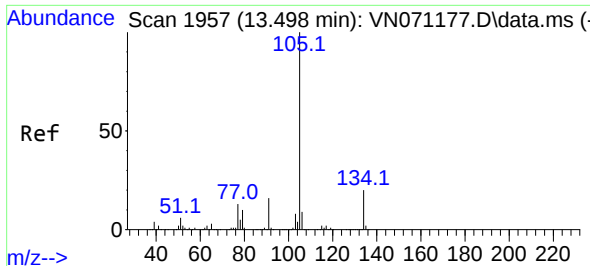
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#78
n-propylbenzene
Concen: 4.463 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071317.D
Acq: 16 Mar 2022 13:40

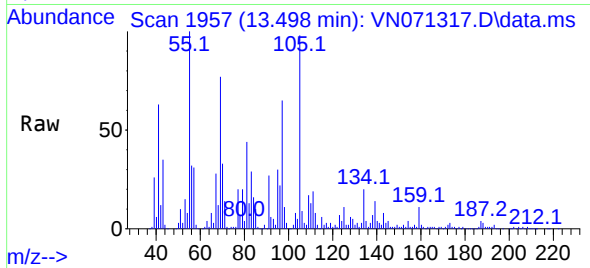
Tgt Ion: 91 Resp: 310900
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.9





#85
 sec-Butylbenzene
 Concen: 3.961 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071317.D
 Acq: 16 Mar 2022 13:40

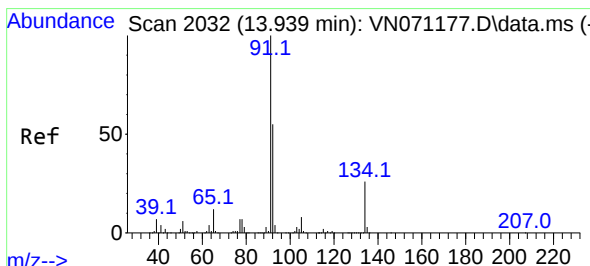
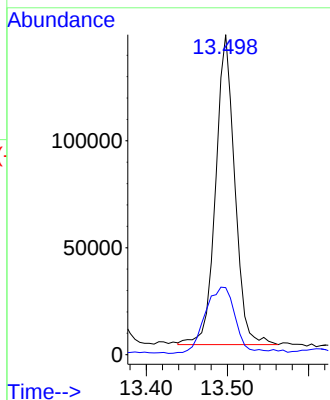
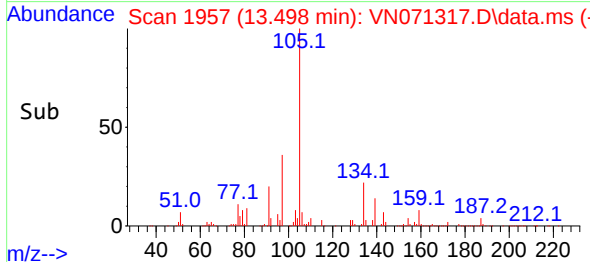
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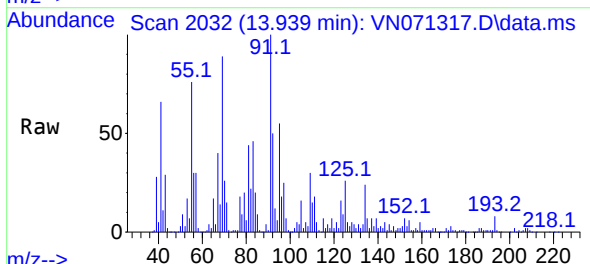
Tgt Ion:105 Resp: 237314
 Ion Ratio Lower Upper
 105 100
 134 33.7 10.4 31.1

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 4.826 ug/l
 RT: 13.939 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VN071317.D
 Acq: 16 Mar 2022 13:40



Tgt Ion: 91 Resp: 177841
 Ion Ratio Lower Upper
 91 100
 92 48.5 25.4 76.0
 134 47.5 13.6 40.8

