

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071356.D
 Acq On : 17 Mar 2022 17:10
 Operator : JC\MD
 Sample : N1826-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6NINF0322

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Semsettin Yesilyurt 03/21/2022

Quant Time: Mar 18 07:02:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	107604	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	586231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	500470	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	254408	29.779	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.727	95	198224	25.637	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.467%		
63) Toluene-d8	10.439	98	699423	30.380	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.267%		
Target Compounds						
20) Diisopropyl ether	6.493	45	31463m	1.233	ug/l	Qvalue
23) tert-Butyl Alcohol	5.363	59	344964	189.998	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	356856	15.198	ug/l	95
30) 2-Butanone	7.340	43	15101	2.261	ug/l #	66
34) Benzene	8.457	78	350022	11.986	ug/l #	94
70) Isopropylbenzene	12.580	105	11796	0.391	ug/l	92
89) 1,2,4-Trichlorobenzene	15.257	180	6052m	1.168	ug/l	

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

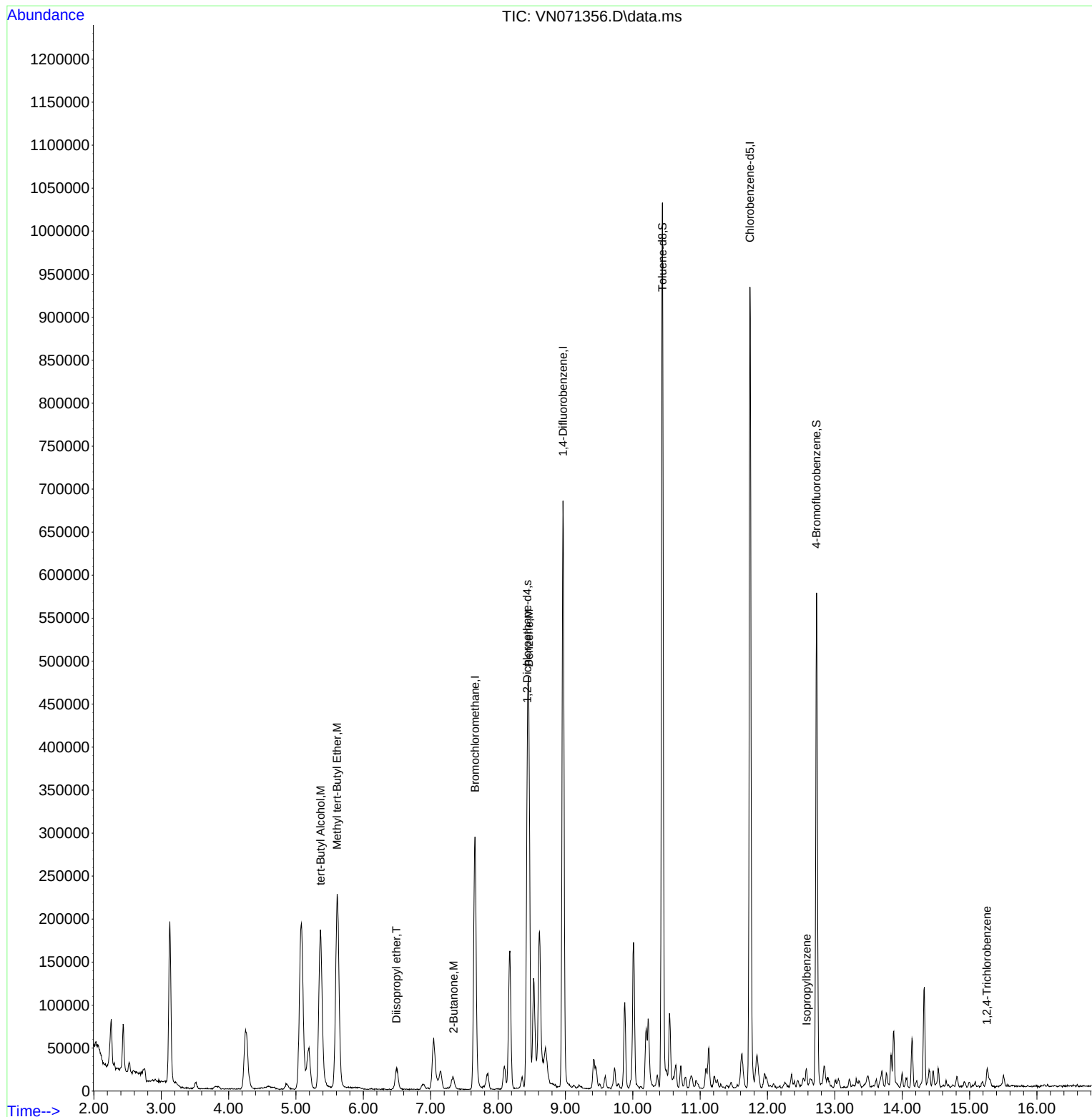
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071356.D
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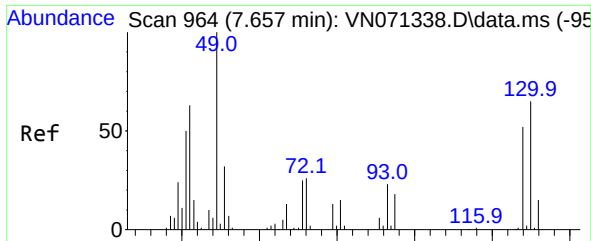
Instrument :
MSVOA_N
ClientSampleId :
6NINF0322

Quant Time: Mar 18 07:02:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
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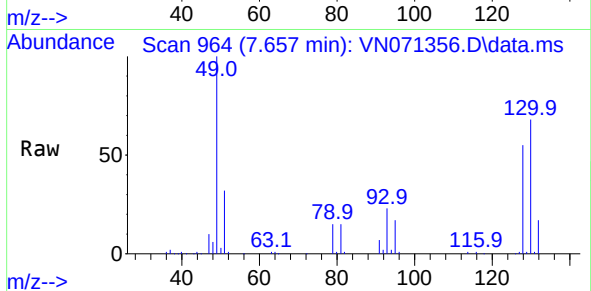
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

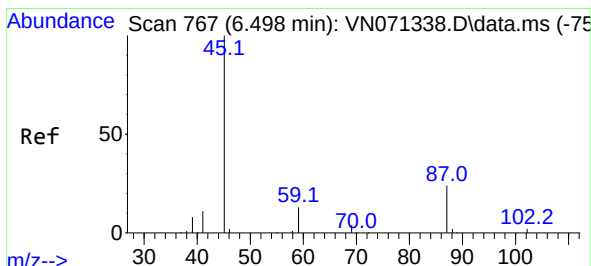
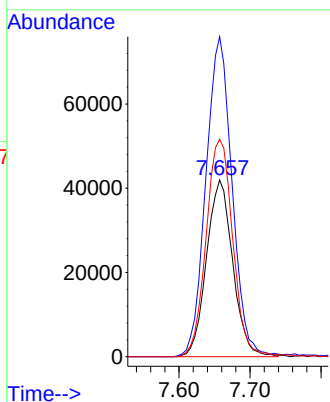
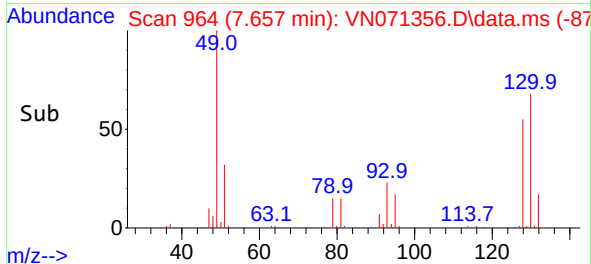
Instrument :
MSVOA_N
ClientSampleId :
6NINF0322



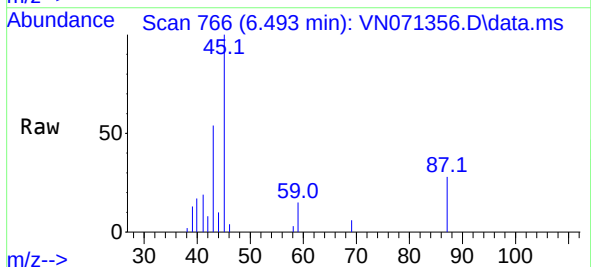
Tgt Ion:128 Resp: 107604
Ion Ratio Lower Upper
128 100
49 180.2 0.0 392.3
130 125.2 0.0 320.2

Manual Integrations
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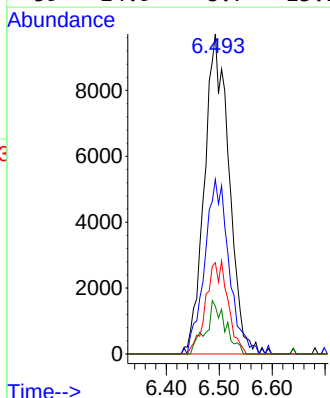
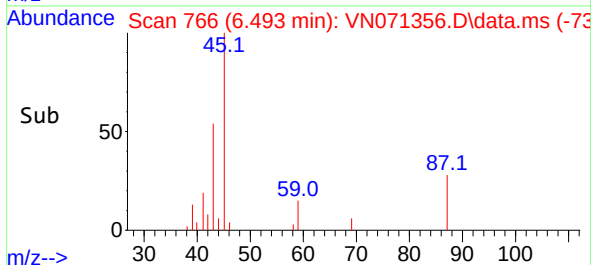
Reviewed By :John Carlone 03/18/2022
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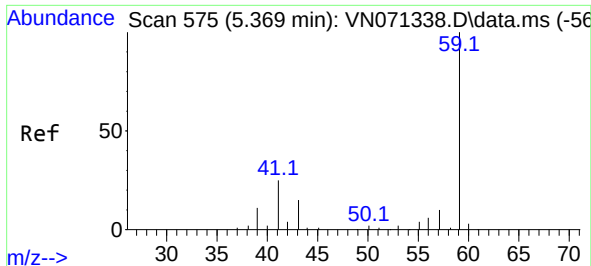


#20
Diisopropyl ether
Concen: 1.233 ug/l m
RT: 6.493 min Scan# 766
Delta R.T. -0.006 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10



Tgt Ion: 45 Resp: 31463
Ion Ratio Lower Upper
45 100
43 54.5 51.0 76.4
87 28.5 25.0 37.4
59 14.9 8.7 13.1#





#23

tert-Butyl Alcohol

Concen: 189.998 ug/l

RT: 5.363 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN071356.D

Acq: 17 Mar 2022 17:10

Instrument :

MSVOA_N

ClientSampleId :

6NINF0322

Tgt Ion: 59 Resp: 344964

Ion Ratio Lower Upper

59 100

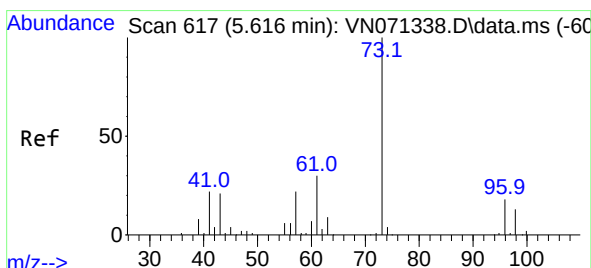
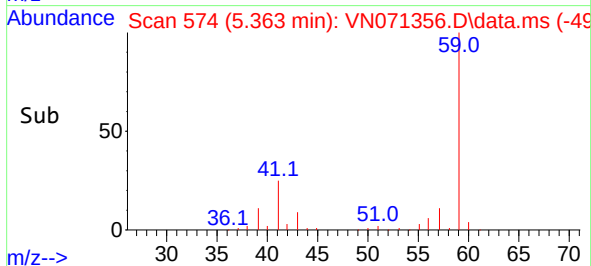
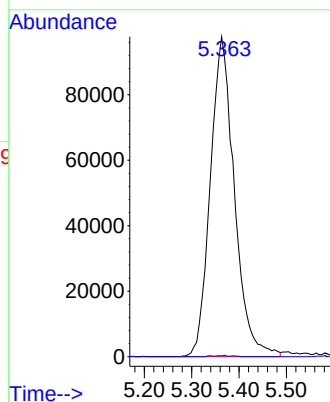
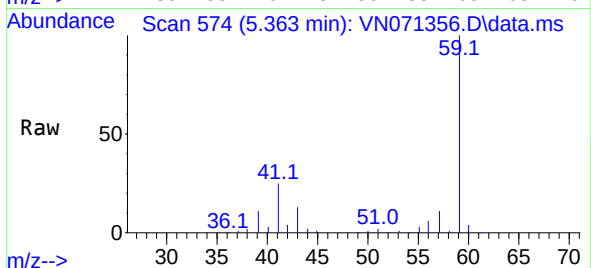
52 0.1 0.0 0.0

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#24

Methyl tert-Butyl Ether

Concen: 15.198 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.006 min

Lab File: VN071356.D

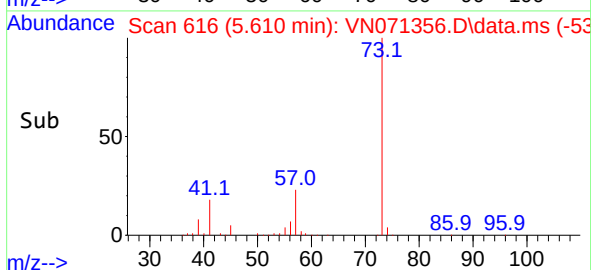
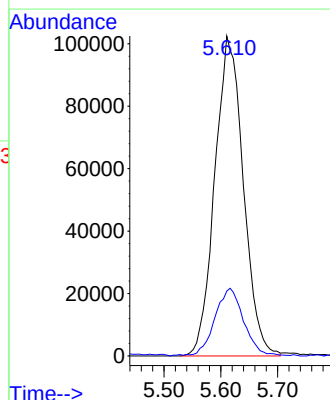
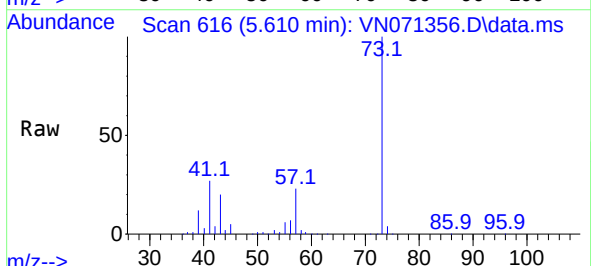
Acq: 17 Mar 2022 17:10

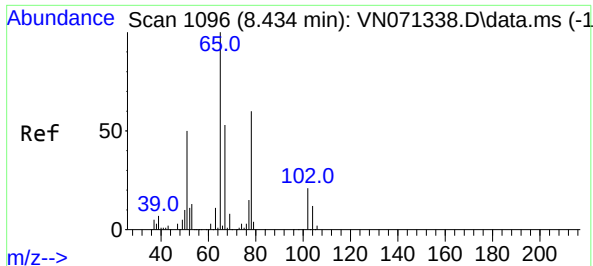
Tgt Ion: 73 Resp: 356856

Ion Ratio Lower Upper

73 100

43 20.2 18.1 27.1





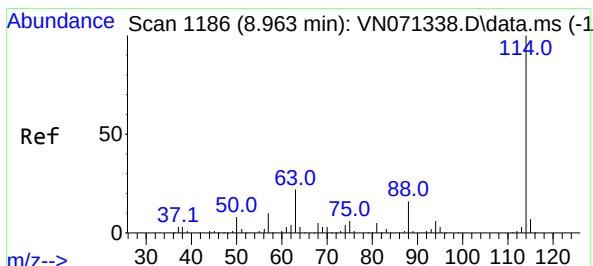
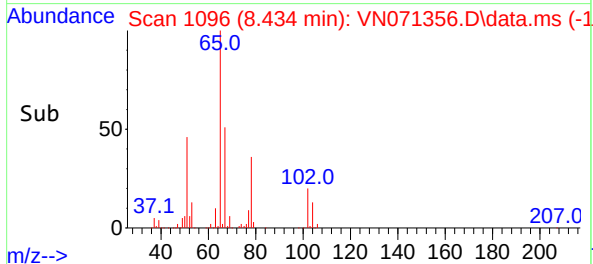
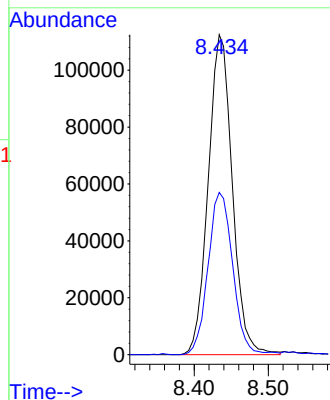
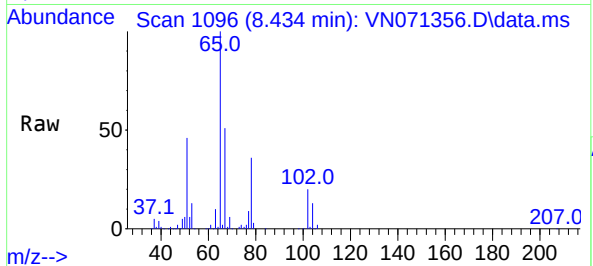
#27
1,2-Dichloroethane-d4
Concen: 29.779 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :
6NINF0322

Tgt Ion: 65 Resp: 254408
Ion Ratio Lower Upper
65 100
67 51.7 40.2 60.2

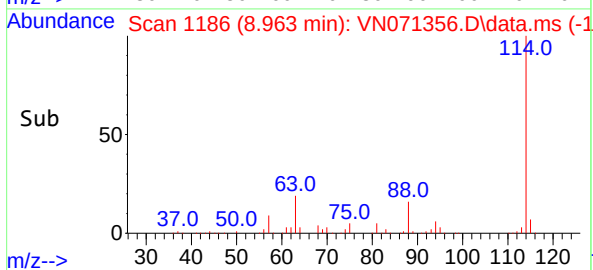
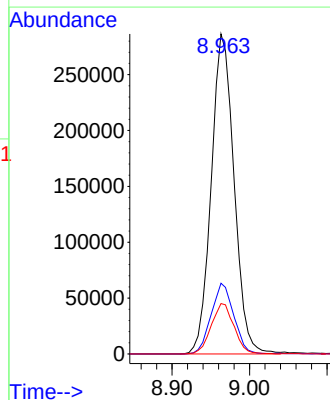
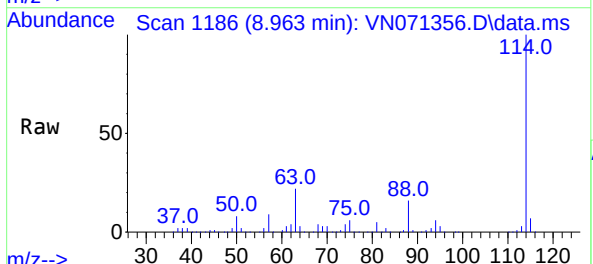
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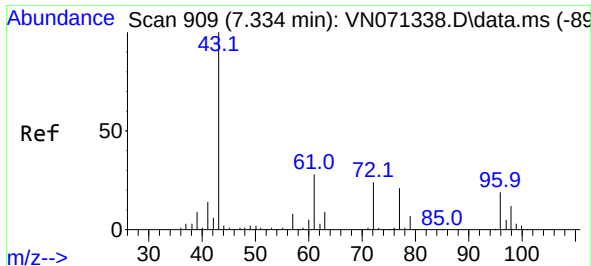
Reviewed By :John Carlone 03/18/2022
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

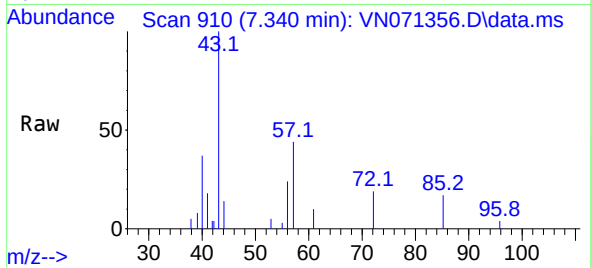
Tgt Ion:114 Resp: 586231
Ion Ratio Lower Upper
114 100
63 21.9 15.8 23.6
88 15.8 11.6 17.4





#30
2-Butanone
Concen: 2.261 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

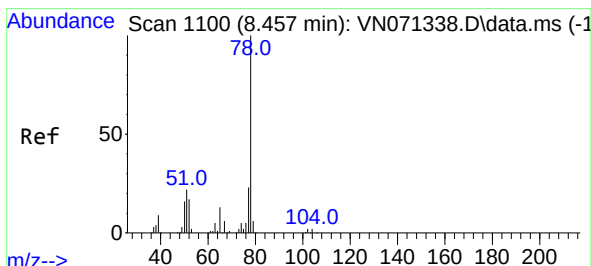
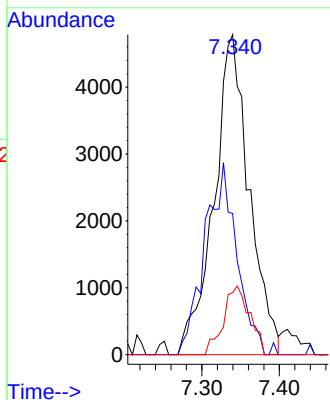
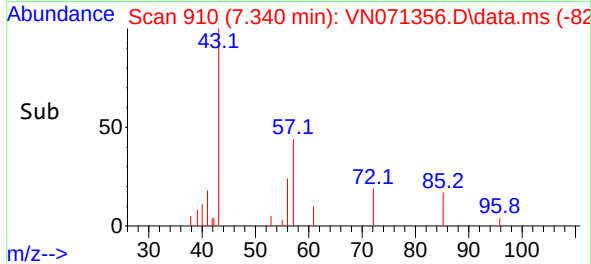
Instrument :
MSVOA_N
ClientSampleId :
6NINF0322



Tgt Ion: 43 Resp: 1510
Ion Ratio Lower Upper
43 100
57 31.9 6.7 10.1
72 16.1 23.2 34.8

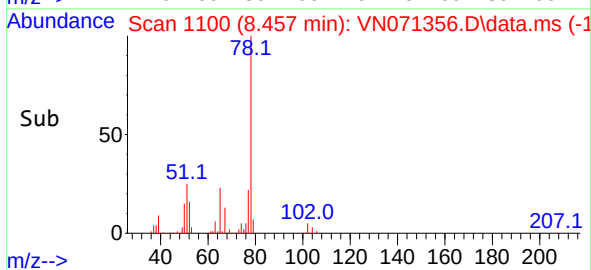
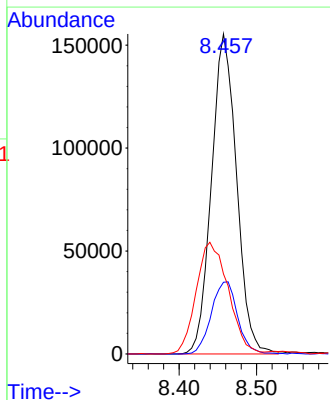
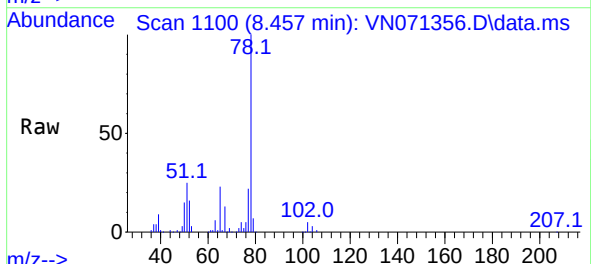
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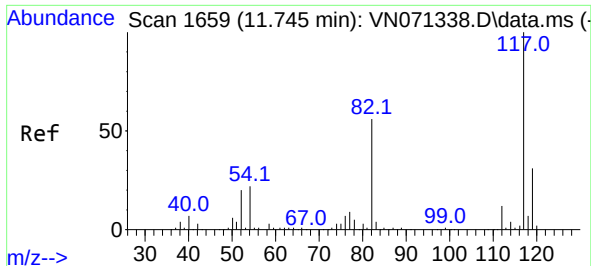
Reviewed By :John Carlone 03/18/2022
Supervised By :Semsettin Yesilyurt 03/21/2022



#34
Benzene
Concen: 11.986 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

Tgt Ion: 78 Resp: 350022
Ion Ratio Lower Upper
78 100
77 22.4 19.1 28.7
51 24.2 16.0 24.0





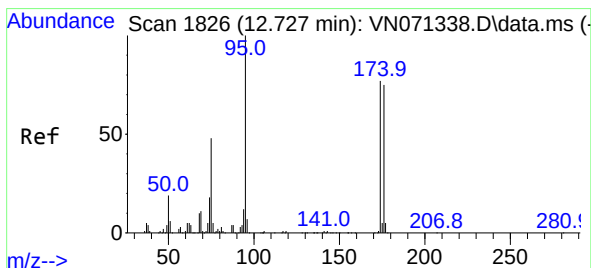
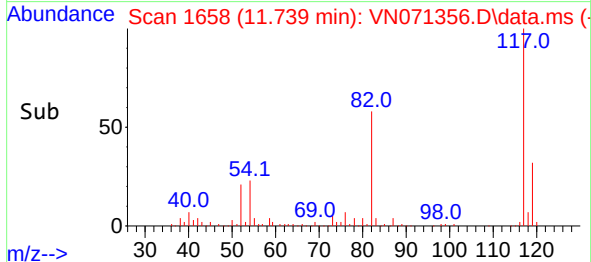
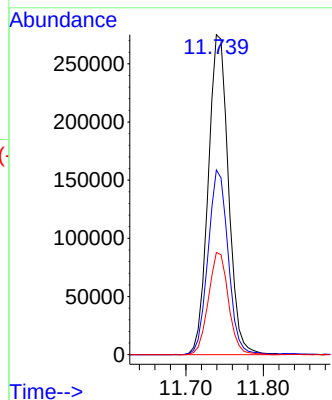
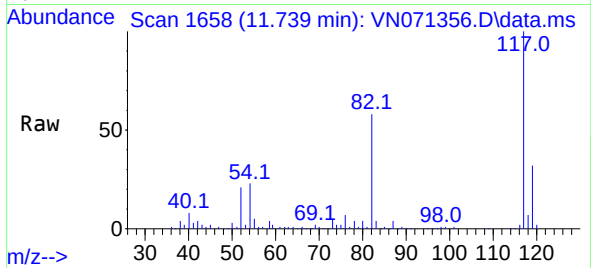
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :
6NINF0322

Tgt Ion:117 Resp: 500470
Ion Ratio Lower Upper
117 100
82 57.4 43.6 65.4
119 31.6 25.8 38.6

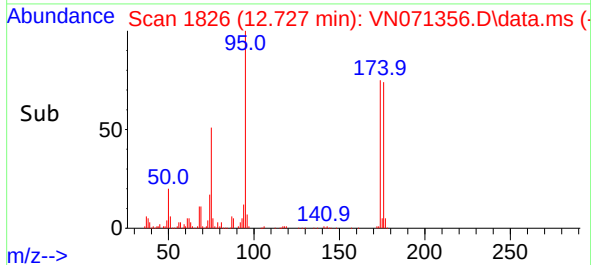
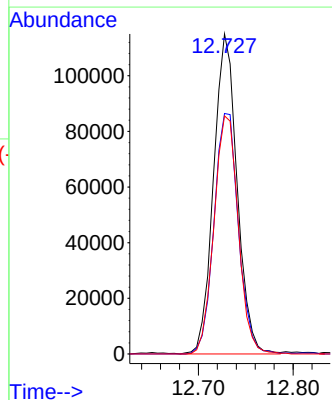
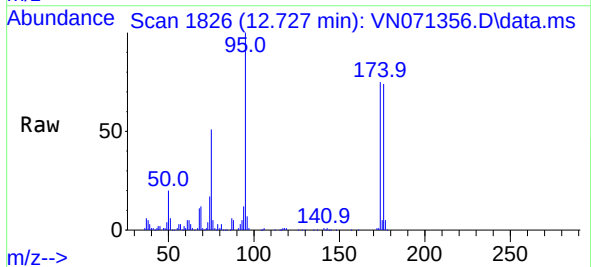
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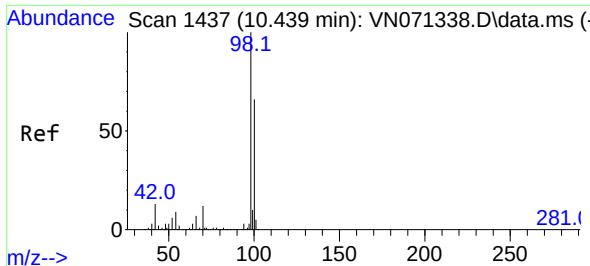
Reviewed By :John Carlone 03/18/2022
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#60
4-Bromofluorobenzene
Concen: 25.637 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

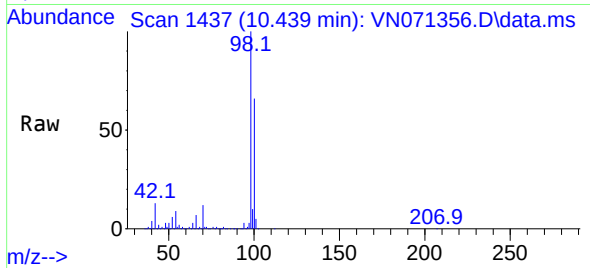
Tgt Ion: 95 Resp: 198224
Ion Ratio Lower Upper
95 100
174 78.1 62.9 94.3
176 76.8 61.0 91.4





#63
Toluene-d8
Concen: 30.380 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10

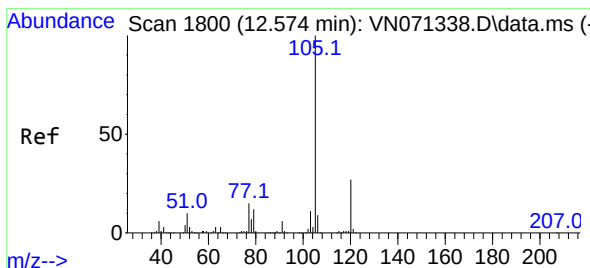
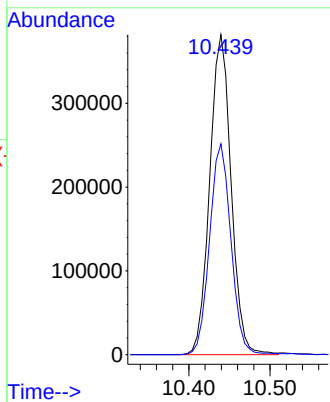
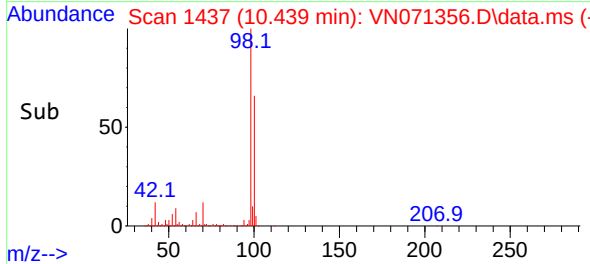
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6NINF0322



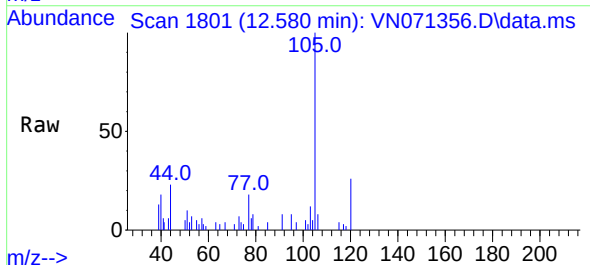
Tgt Ion: 98 Resp: 69942
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

Manual Integrations
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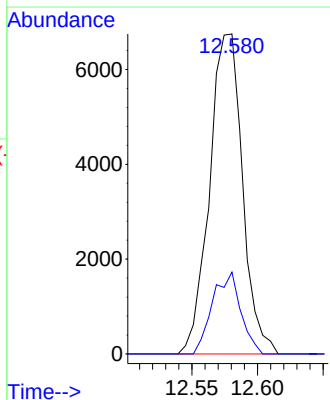
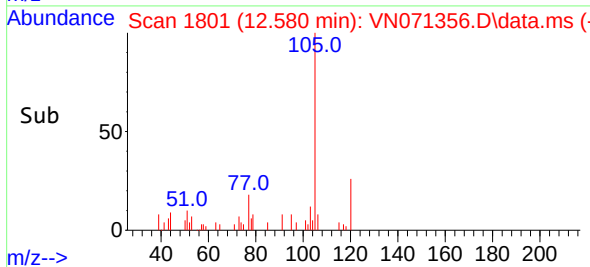
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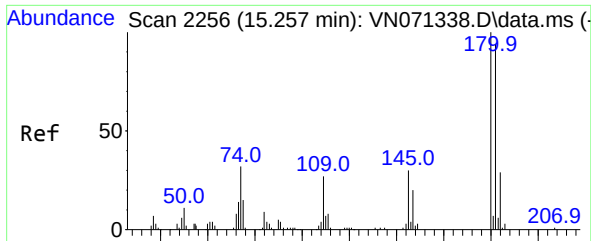


#70
Isopropylbenzene
Concen: 0.391 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VN071356.D
Acq: 17 Mar 2022 17:10



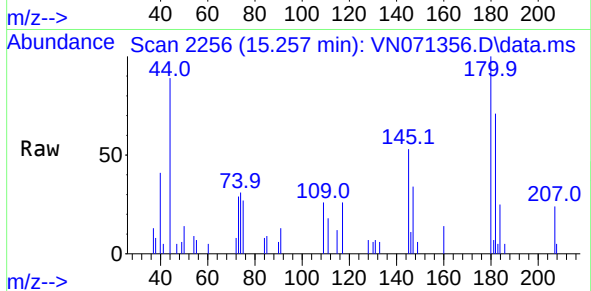
Tgt Ion:105 Resp: 11796
Ion Ratio Lower Upper
105 100
120 21.9 18.3 34.1





#89
 1,2,4-Trichlorobenzene
 Concen: 1.168 ug/l m
 RT: 15.257 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN071356.D
 Acq: 17 Mar 2022 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 6NINF0322



Tgt Ion:180 Resp: 6052
 Ion Ratio Lower Upper
 180 100
 182 83.6 77.7 116.5
 145 44.8 26.6 39.8

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