

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069574.D
 Acq On : 19 Nov 2021 1:32
 Operator : JC/MD
 Sample : PB140886TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB140886TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 03:23:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1335602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2356653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2439498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	912645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	994264	51.342	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.680%			
35) Dibromofluoromethane	8.024	113	684651	48.439	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.880%			
50) Toluene-d8	10.443	98	3039330	54.675	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.340%			
62) 4-Bromofluorobenzene	12.733	95	1093634	53.553	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.100%			
Target Compounds					Qvalue	
16) Acetone	4.296	43	108085	10.345	ug/l	95
20) Methylene Chloride	5.098	84	69320	4.679	ug/l	90
25) 2-Butanone	7.351	43	64686	4.572	ug/l	93
43) Isopropyl Acetate	8.566	43	138986	3.228	ug/l #	85
93) 1,2,4-Trichlorobenzene	15.260	180	4956m	3.437	ug/l	
95) Naphthalene	15.509	128	22696	4.961	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.702	180	5431	3.540	ug/l	93

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

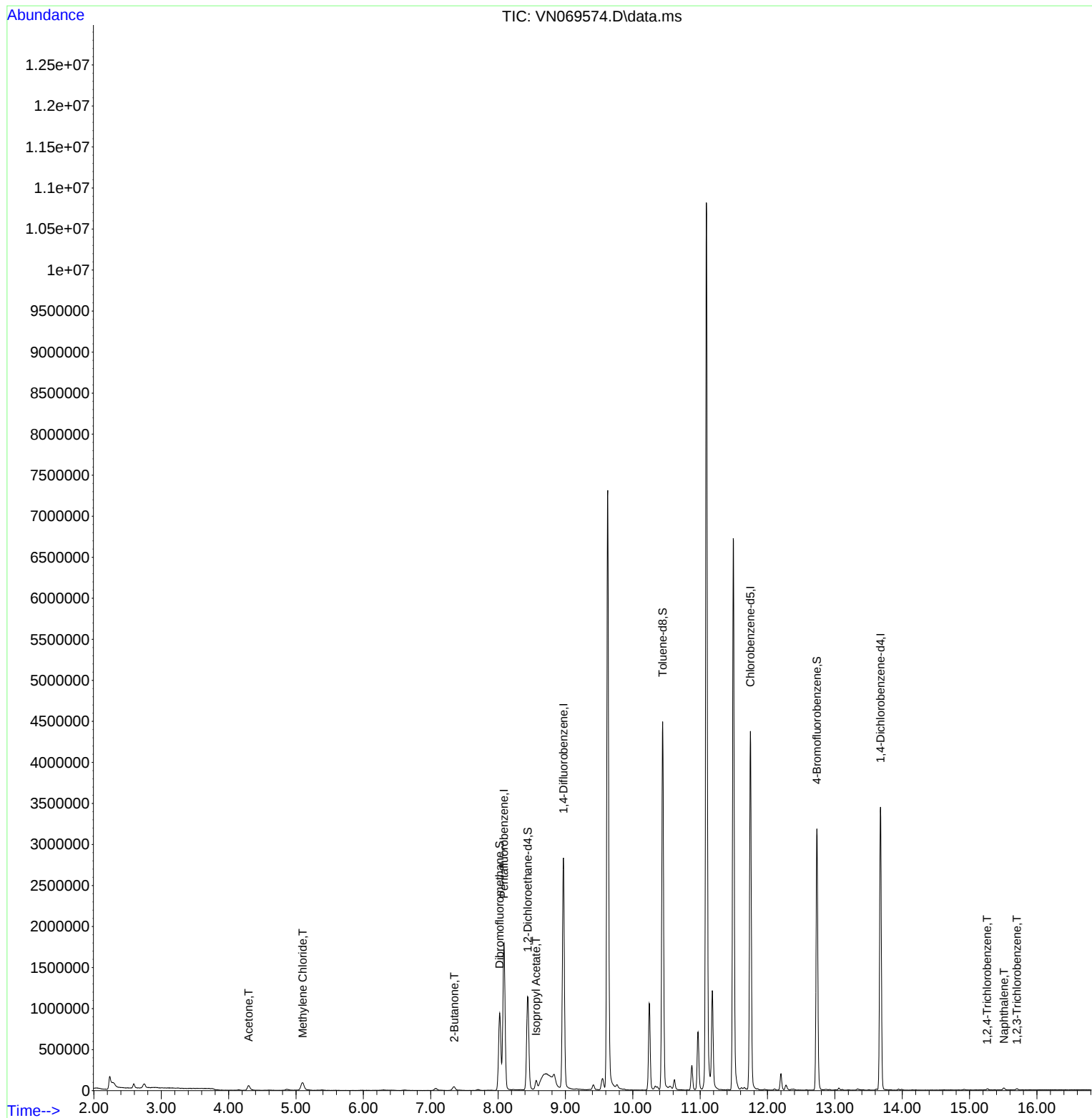
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
Data File : VN069574.D
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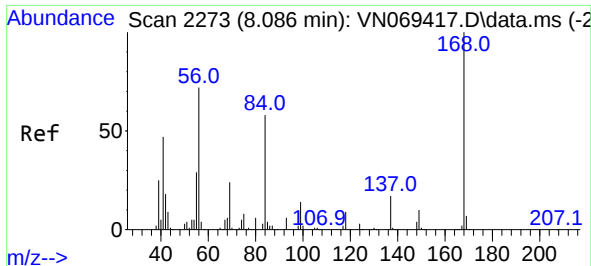
Instrument :
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PB140886TB

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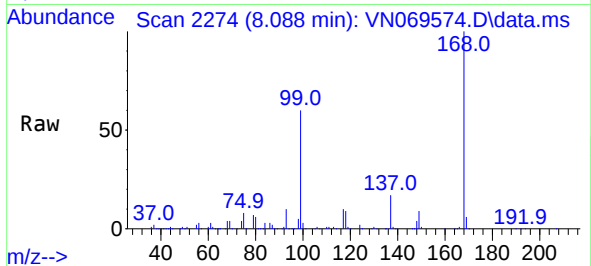
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32

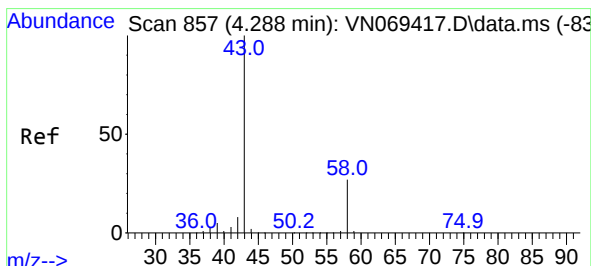
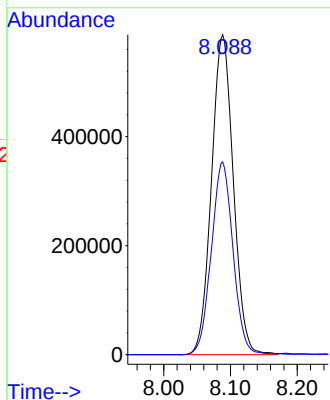
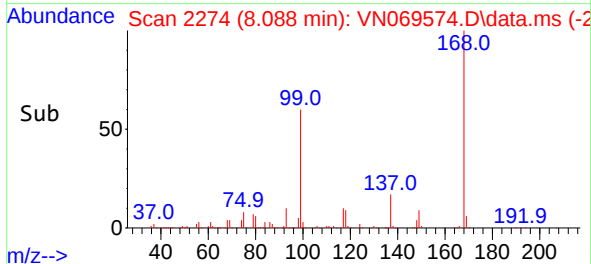
Instrument :
MSVOA_N
ClientSampleId :
PB140886TB



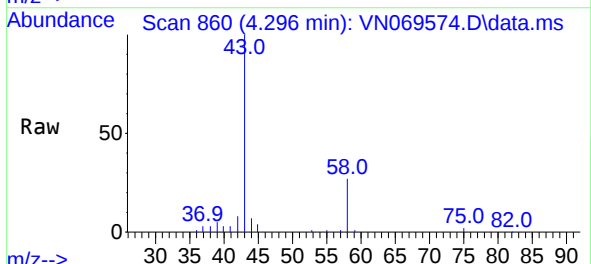
Tgt Ion:168 Resp: 133560
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

Manual Integrations
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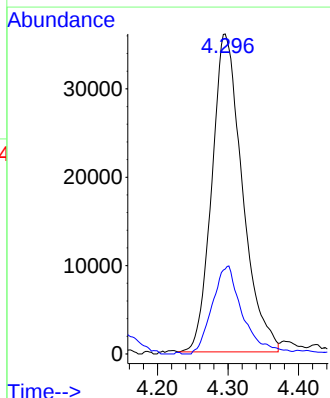
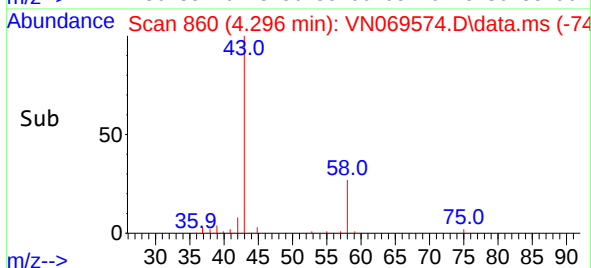
Reviewed By :John Carlone 11/19/2021
Supervised By :Semsettin Yesilyurt 11/19/2021

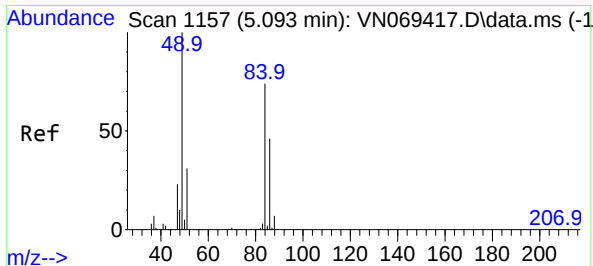


#16
Acetone
Concen: 10.345 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32



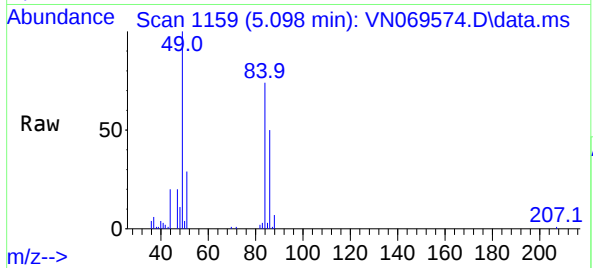
Tgt Ion: 43 Resp: 108085
Ion Ratio Lower Upper
43 100
58 26.2 23.1 34.7





#20
Methylene Chloride
Concen: 4.679 ug/l
RT: 5.098 min Scan# 1157
Delta R.T. 0.005 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32

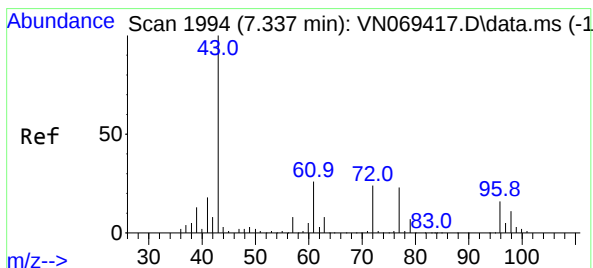
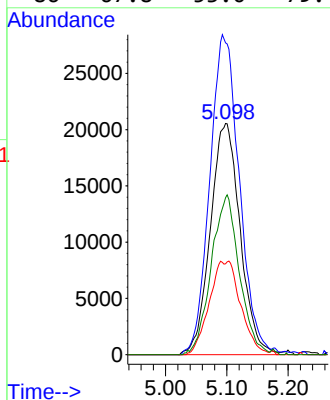
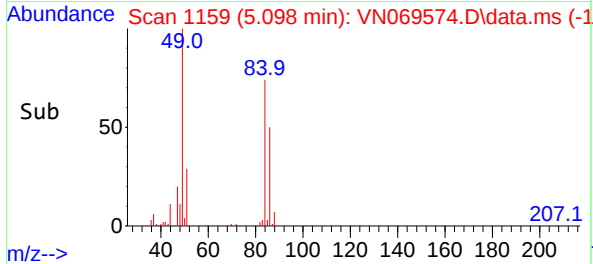
Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 69320
Ion Ratio Lower Upper
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49 134.9 93.5 140.3
51 39.3 29.4 44.2
86 67.8 53.0 79.4

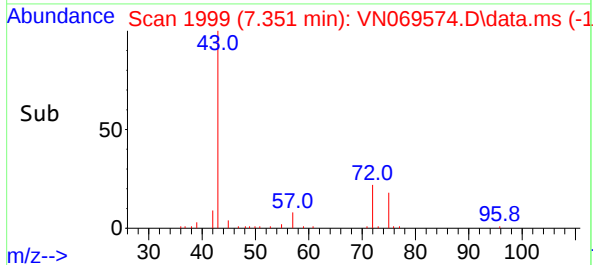
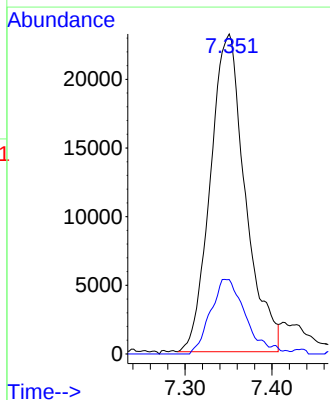
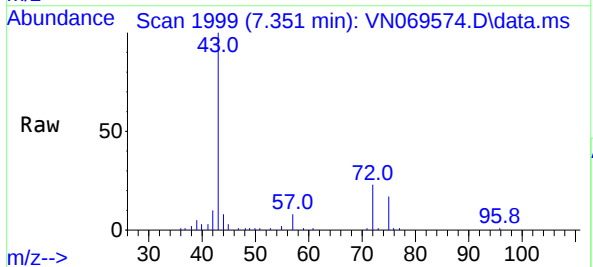
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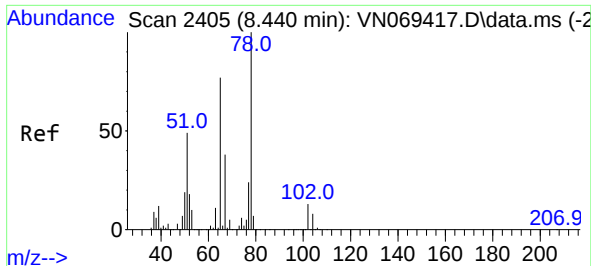
Reviewed By :John Carlone 11/19/2021
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#25
2-Butanone
Concen: 4.572 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32

Tgt Ion: 43 Resp: 64686
Ion Ratio Lower Upper
43 100
72 23.4 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 51.342 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069574.D

Acq: 19 Nov 2021 1:32

Instrument :

MSVOA_N

ClientSampleId :

PB140886TB

Tgt Ion: 65 Resp: 994264

Ion Ratio Lower Upper

65 100

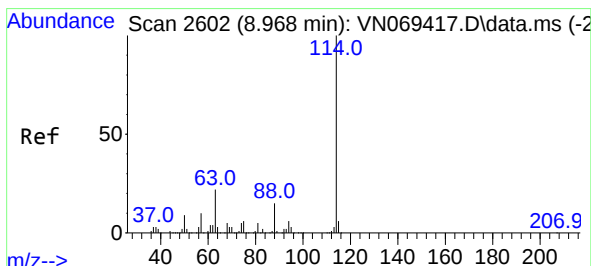
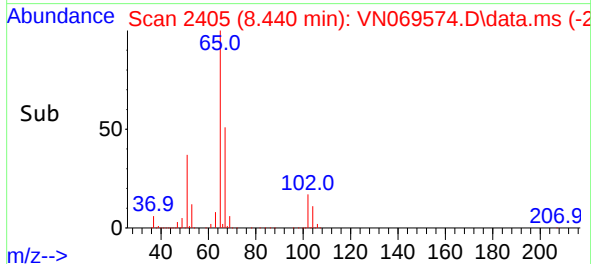
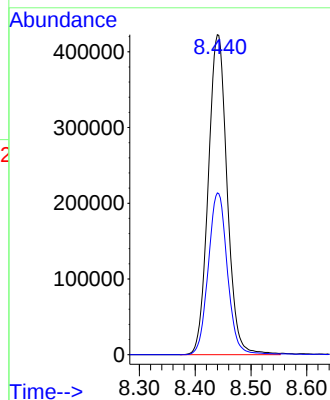
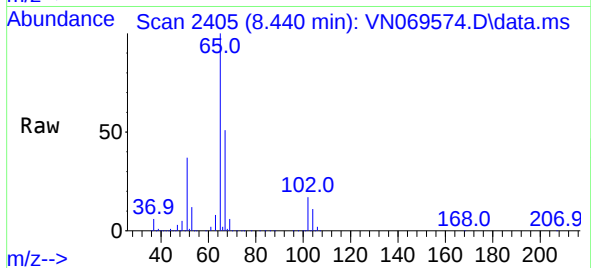
67 51.1 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069574.D

Acq: 19 Nov 2021 1:32

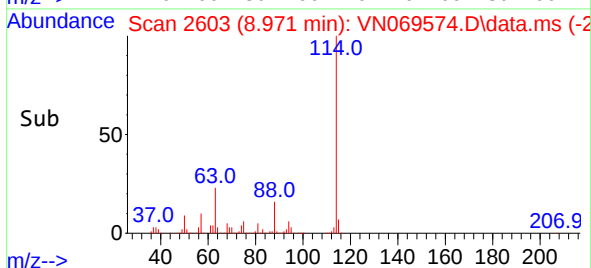
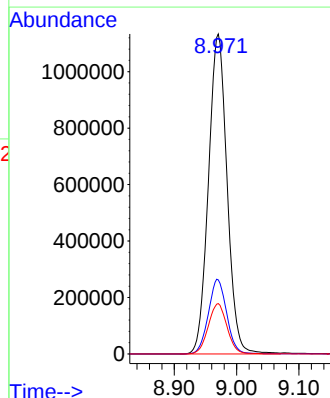
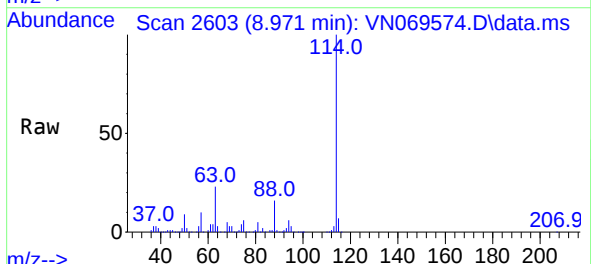
Tgt Ion:114 Resp: 2356653

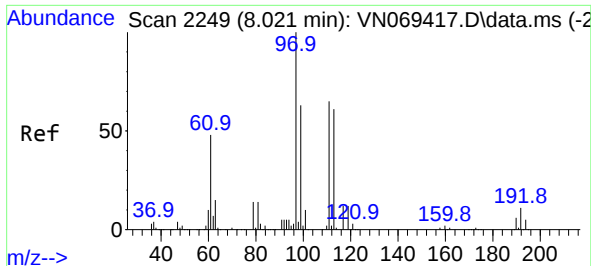
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

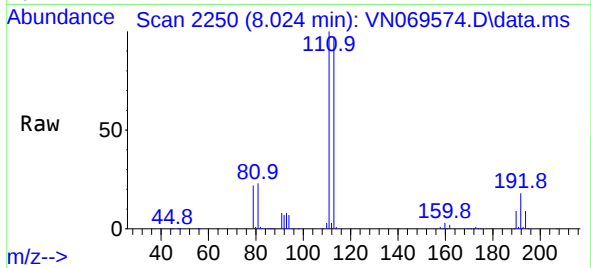
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.439 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32

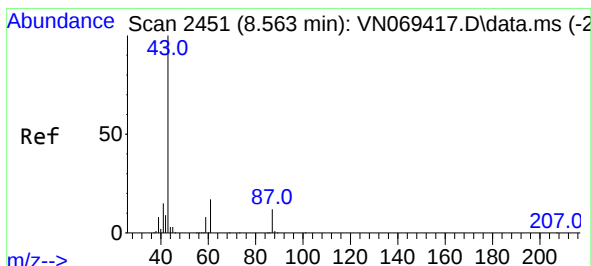
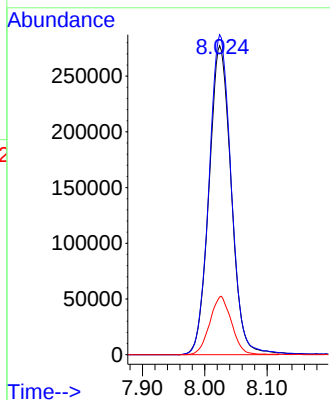
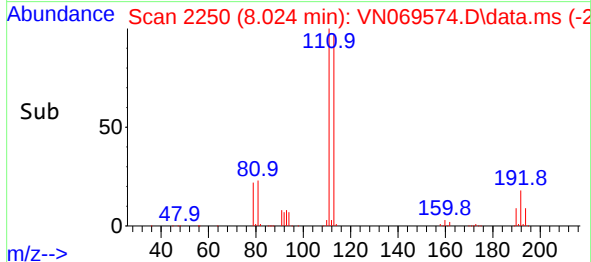
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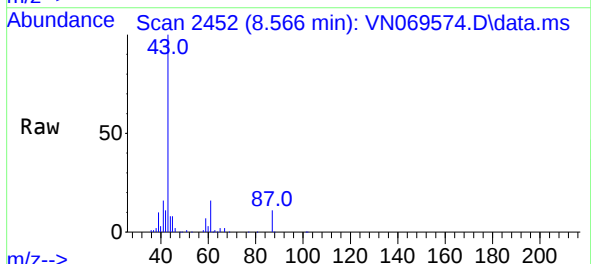
Tgt Ion:113 Resp: 68465
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.6 16.9 25.3

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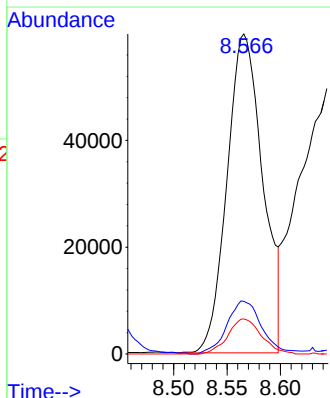
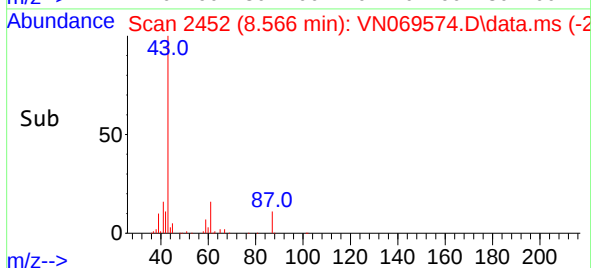
Reviewed By :John Carlone 11/19/2021
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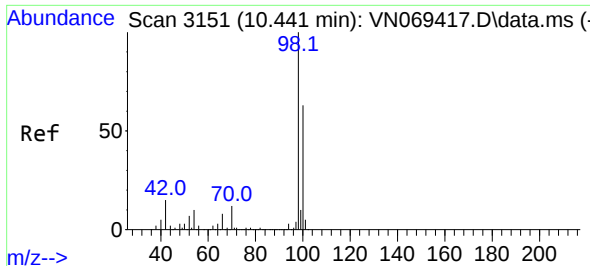


#43
Isopropyl Acetate
Concen: 3.228 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32



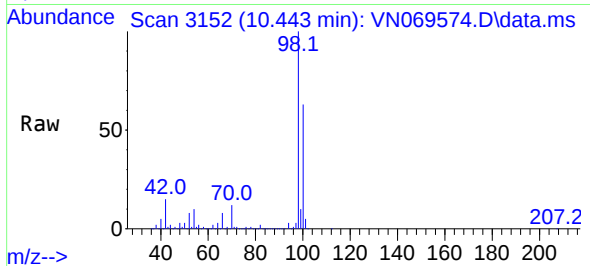
Tgt Ion: 43 Resp: 138986
Ion Ratio Lower Upper
43 100
61 16.3 20.4 30.6#
87 10.3 11.2 16.8#





#50
Toluene-d8
Concen: 54.675 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32

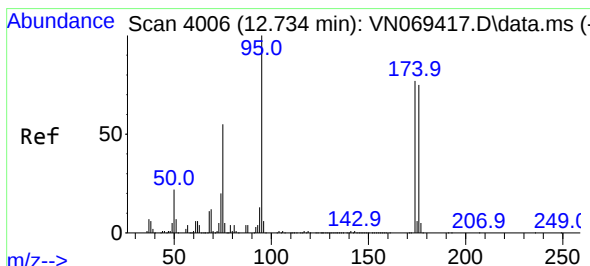
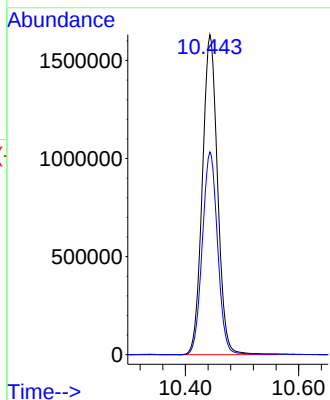
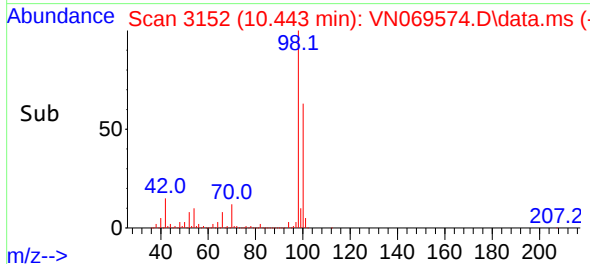
Instrument :
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ClientSampleId :
PB140886TB



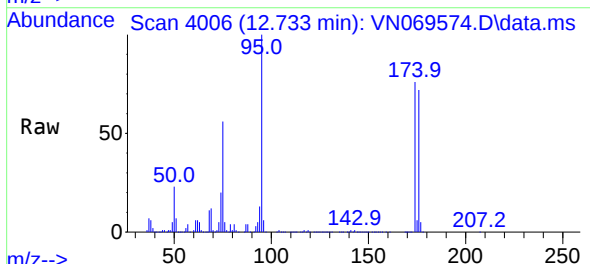
Tgt Ion: 98 Resp: 3039330
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

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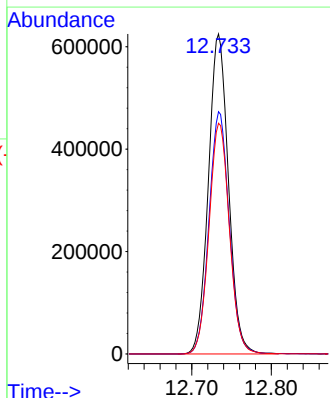
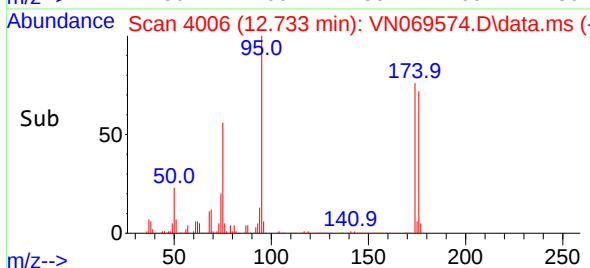
Reviewed By :John Carlone 11/19/2021
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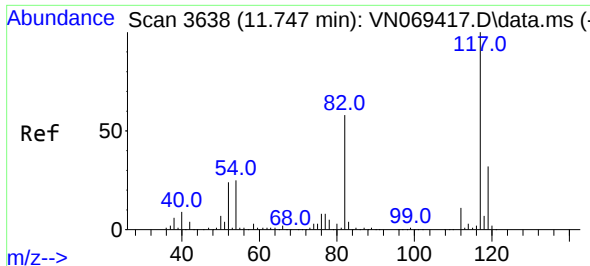


#62
4-Bromofluorobenzene
Concen: 53.553 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32



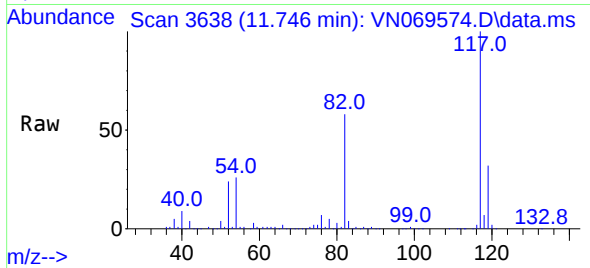
Tgt Ion: 95 Resp: 1093634
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 30
Delta R.T. -0.001 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32

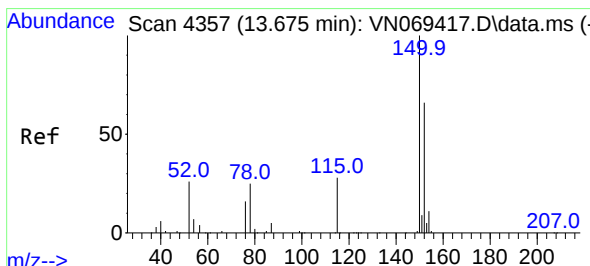
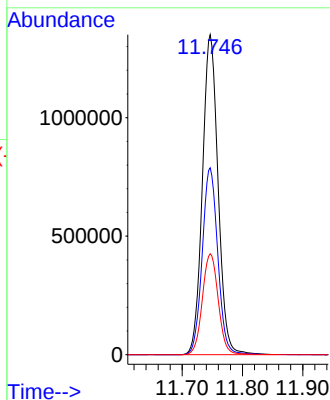
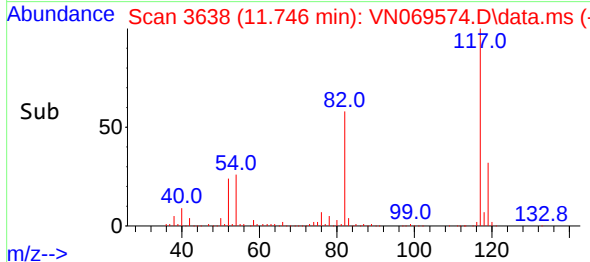
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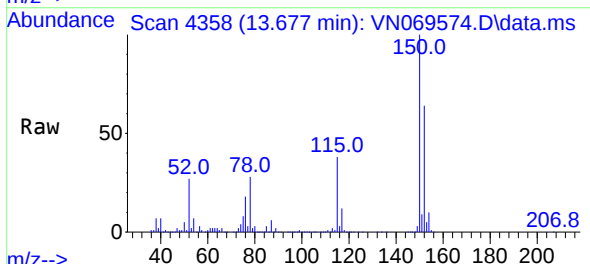
Tgt Ion:117 Resp: 2439498
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
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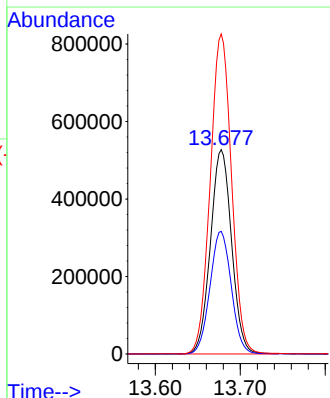
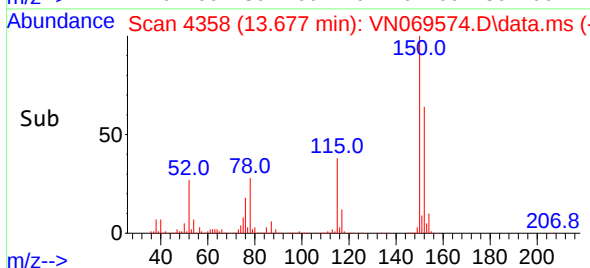
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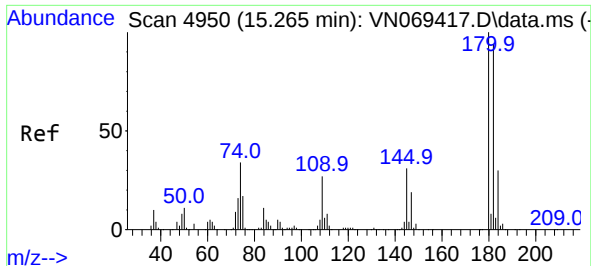


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32



Tgt Ion:152 Resp: 912645
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 157.4 0.0 344.4





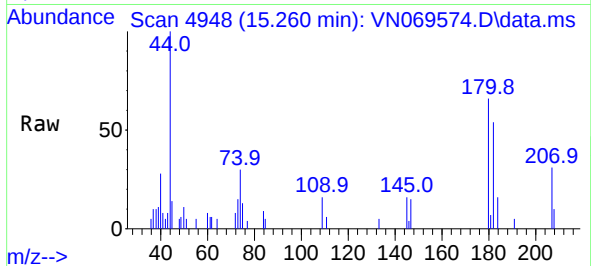
#93
1,2,4-Trichlorobenzene
Concen: 3.437 ug/l m
RT: 15.260 min Scan# 4950
Delta R.T. -0.005 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32

Instrument :

MSVOA_N

ClientSampleId :

PB140886TB

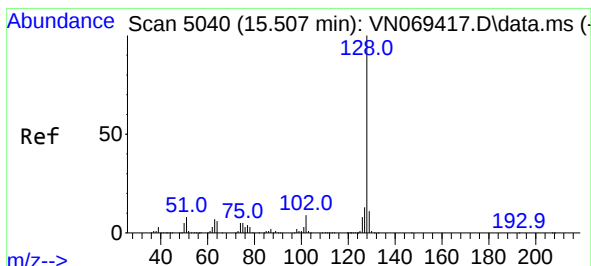
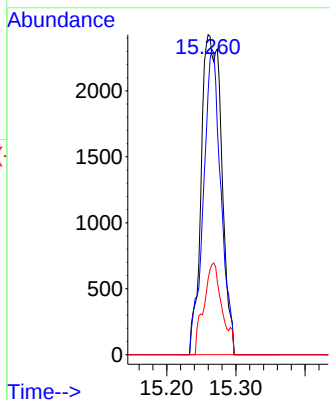
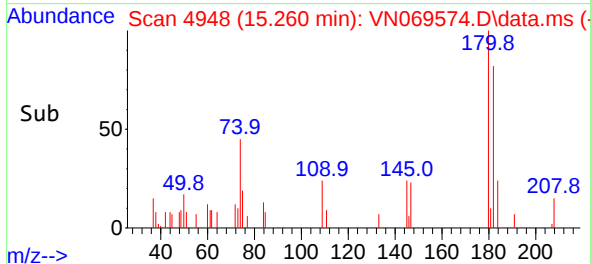


Tgt Ion:180 Resp: 4950
Ion Ratio Lower Upper
180 100
182 82.2 48.3 144.9
145 25.8 14.5 43.5

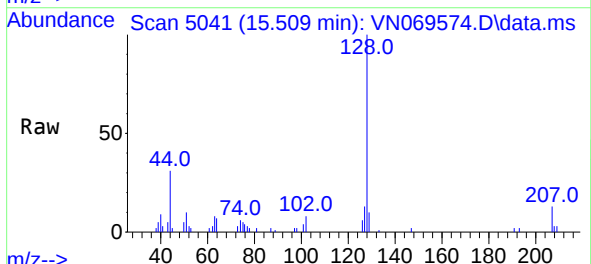
Manual Integrations

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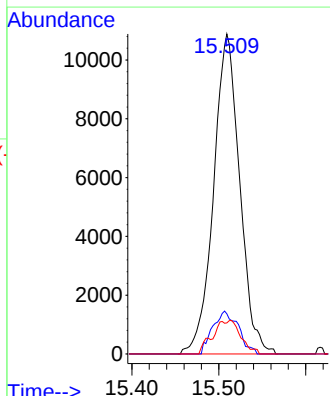
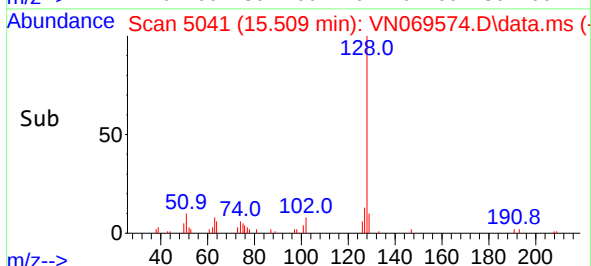
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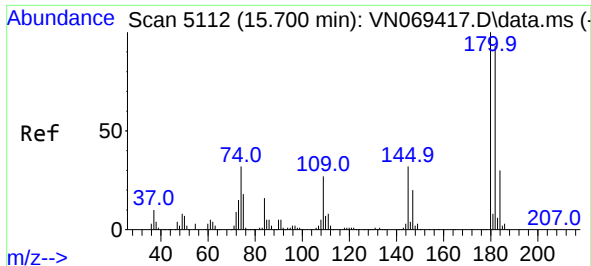


#95
Naphthalene
Concen: 4.961 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069574.D
Acq: 19 Nov 2021 1:32



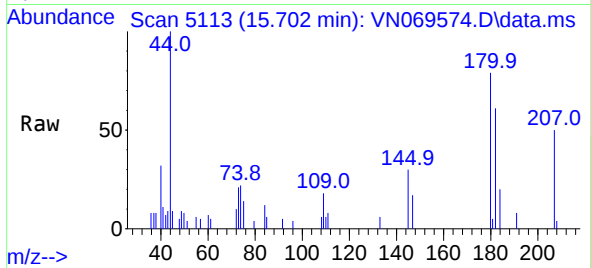
Tgt Ion:128 Resp: 22696
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 5.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.540 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.002 min
 Lab File: VN069574.D
 Acq: 19 Nov 2021 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 PB140886TB



Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.0	47.4	142.2
145	27.1	15.0	45.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

