

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070055.D
 Acq On : 14 Dec 2021 2:15
 Operator : JC/MD
 Sample : M5007-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-10

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 07:30:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1076739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2094322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2456544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	995566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	883381	53.136	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.280%			
35) Dibromofluoromethane	8.024	113	640732	48.842	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.680%			
50) Toluene-d8	10.440	98	2809893	53.344	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.680%			
62) 4-Bromofluorobenzene	12.731	95	1179004	61.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 123.560%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.451	62	101376	7.007	ug/l	91
16) Acetone	4.299	43	32173m	3.217	ug/l	
19) Methyl tert-butyl Ether	5.624	73	129635	3.251	ug/l #	79
27) cis-1,2-Dichloroethene	7.327	96	88642	6.586	ug/l	96
44) Trichloroethene	9.217	130	3051	0.210	ug/l	99

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

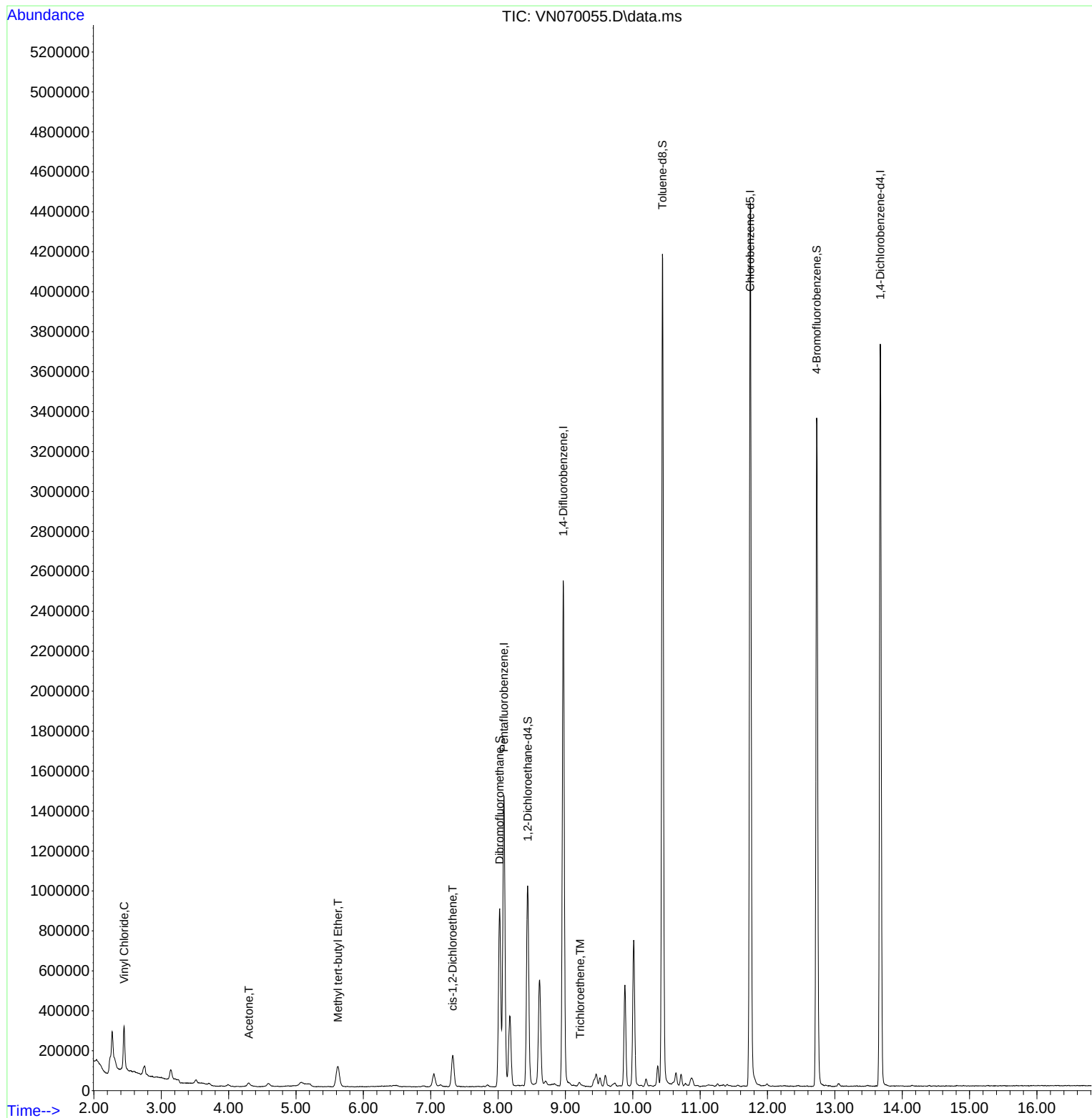
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
Data File : VN070055.D
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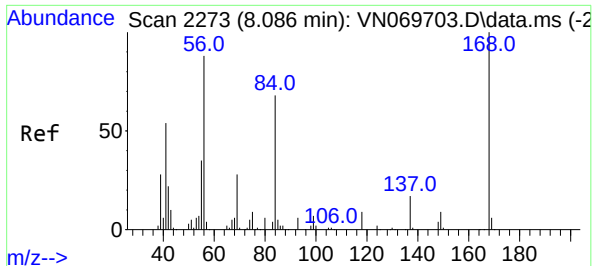
Instrument :
MSVOA_N
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Quant Time: Dec 14 07:30:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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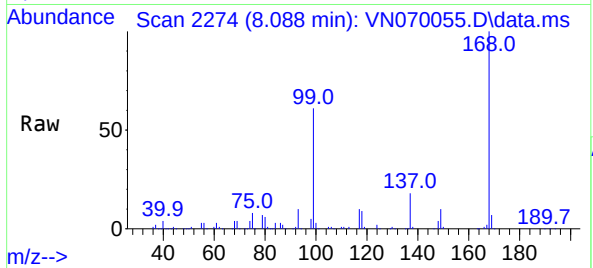
Reviewed By : John Carlone 12/14/2021
Supervised By : Amit Patel 12/15/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

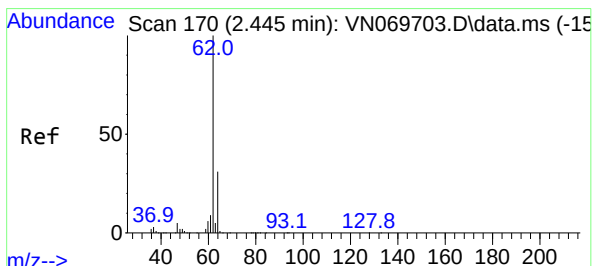
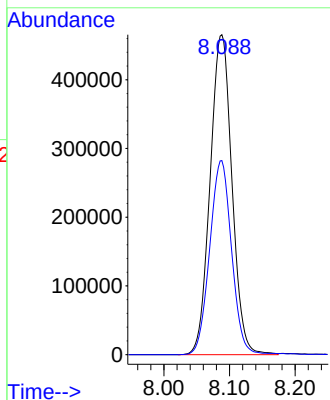
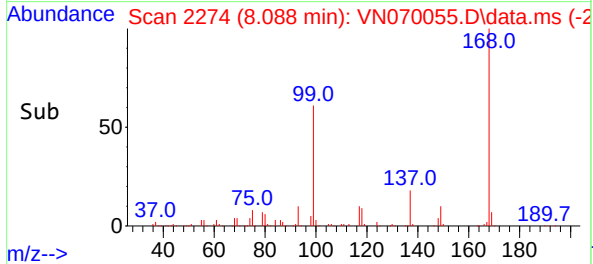
Instrument :
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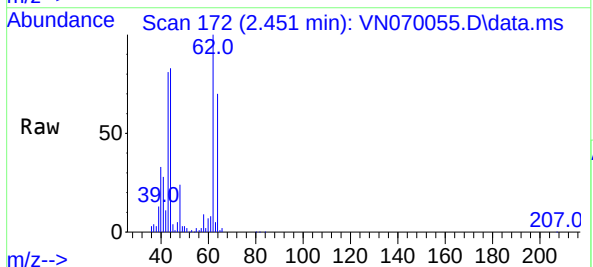
Tgt Ion:168 Resp: 1076739
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9

Manual Integrations
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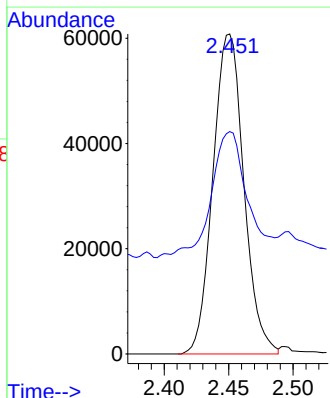
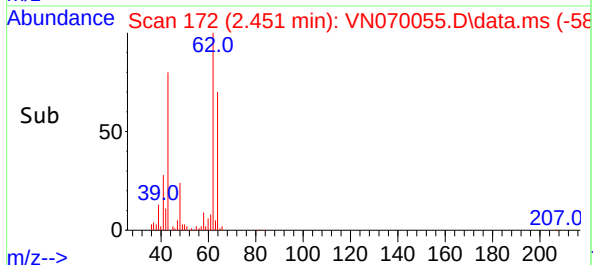
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

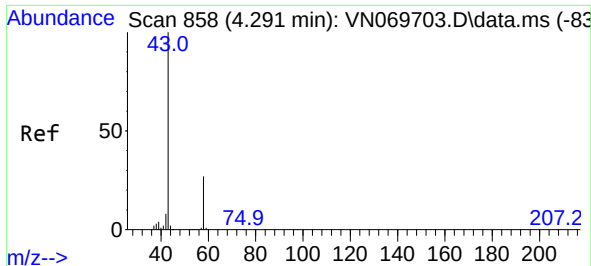


#4
Vinyl Chloride
Concen: 7.007 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15



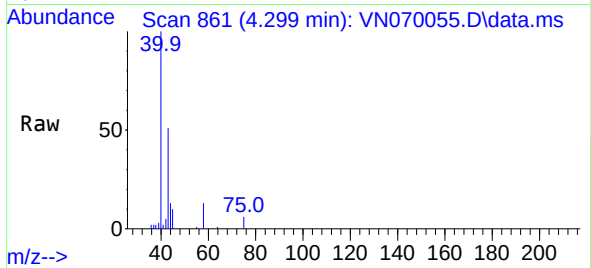
Tgt Ion: 62 Resp: 101376
Ion Ratio Lower Upper
62 100
64 37.0 25.8 38.6





#16
Acetone
Concen: 3.217 ug/l m
RT: 4.299 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

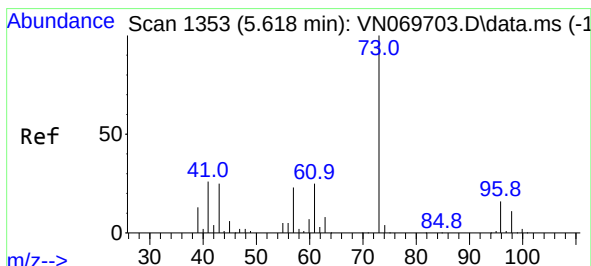
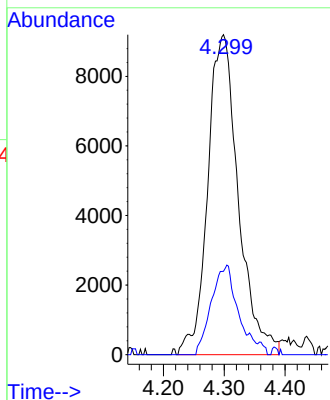
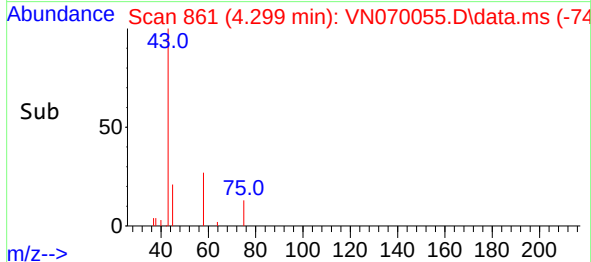
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Tgt Ion: 43 Resp: 3217
Ion Ratio Lower Upper
43 100
58 26.1 23.1 34.7

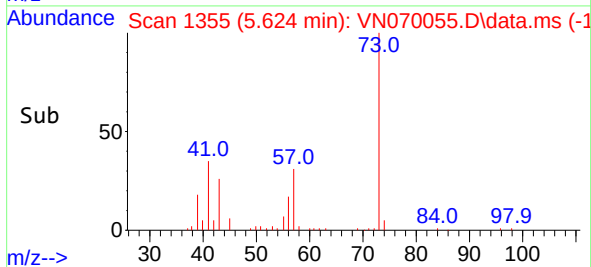
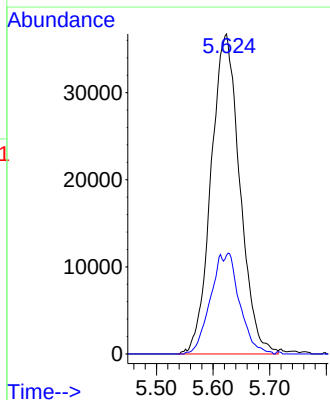
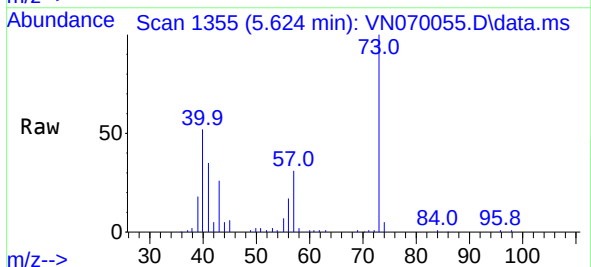
Manual Integrations
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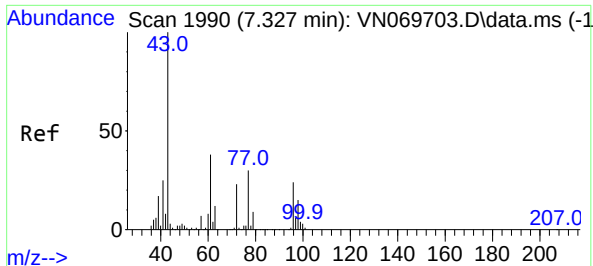
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#19
Methyl tert-butyl Ether
Concen: 3.251 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

Tgt Ion: 73 Resp: 129635
Ion Ratio Lower Upper
73 100
57 30.8 16.8 25.2#





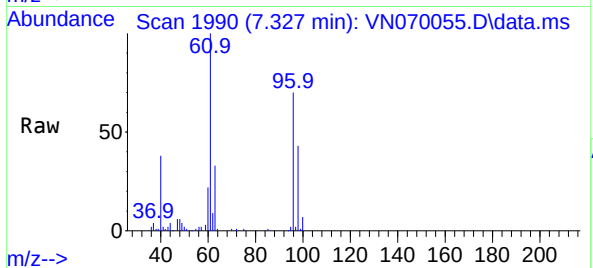
#27
 cis-1,2-Dichloroethene
 Concen: 6.586 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070055.D
 Acq: 14 Dec 2021 2:15

Instrument :

MSVOA_N

ClientSampleId :

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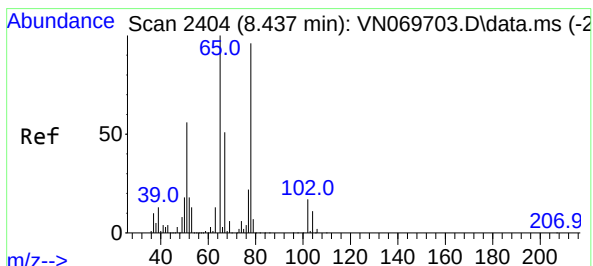
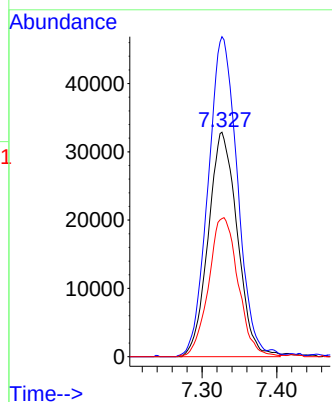
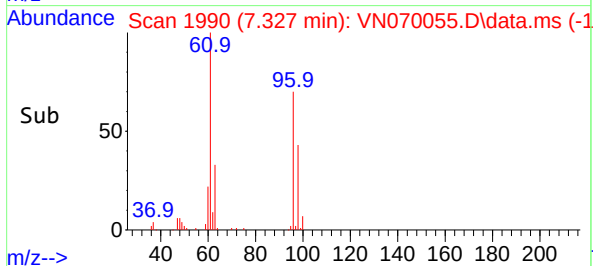


Tgt Ion: 96 Resp: 8864
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 275.0
 98 63.0 0.0 129.6

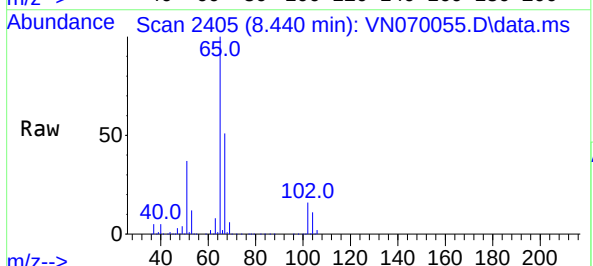
Manual Integrations

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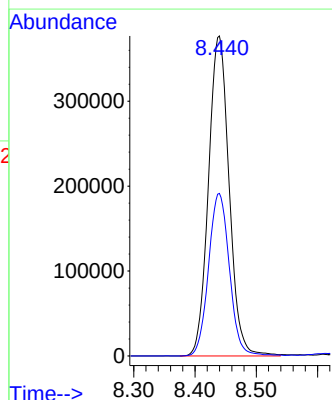
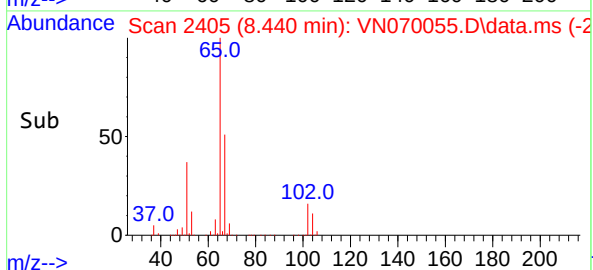
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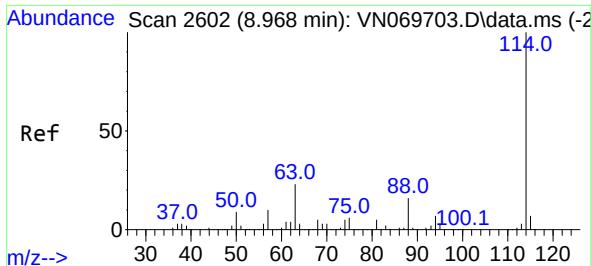


#33
 1,2-Dichloroethane-d4
 Concen: 53.136 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN070055.D
 Acq: 14 Dec 2021 2:15



Tgt Ion: 65 Resp: 883381
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

Instrument :

MSVOA_N

ClientSampleId :

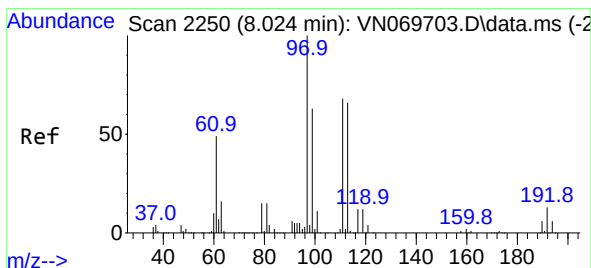
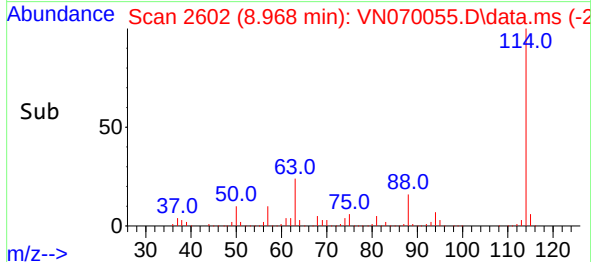
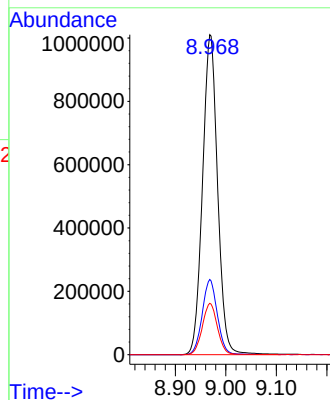
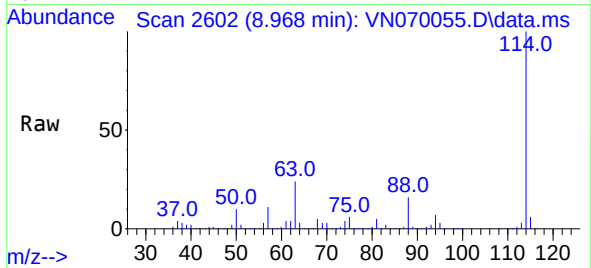
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Tgt Ion:114 Resp: 209432
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.1 0.0 27.4

Manual Integrations

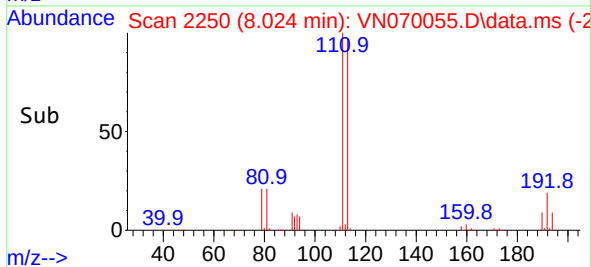
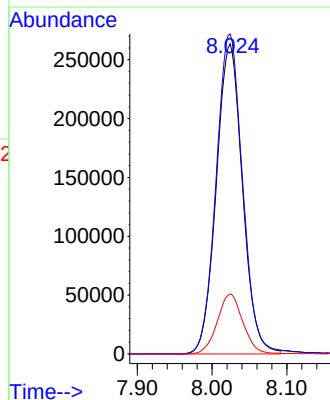
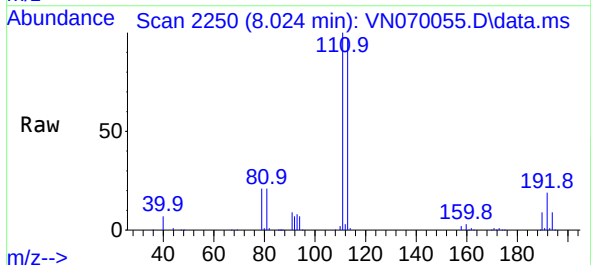
APPROVED

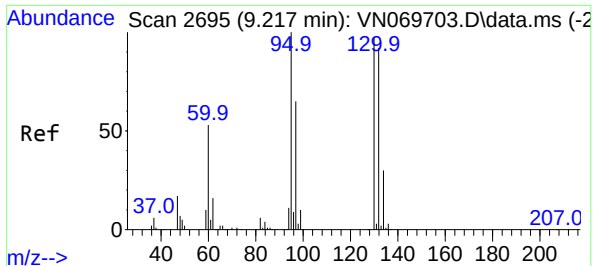
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#35
Dibromofluoromethane
Concen: 48.842 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

Tgt Ion:113 Resp: 640732
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 19.0 16.9 25.3





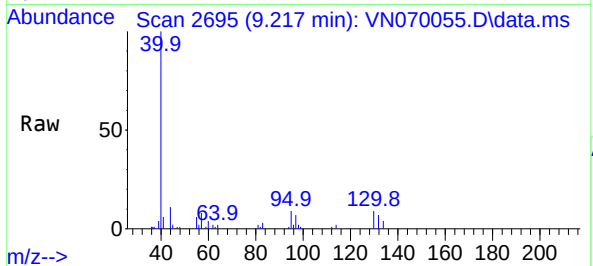
#44
Trichloroethene
Concen: 0.210 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

Instrument :

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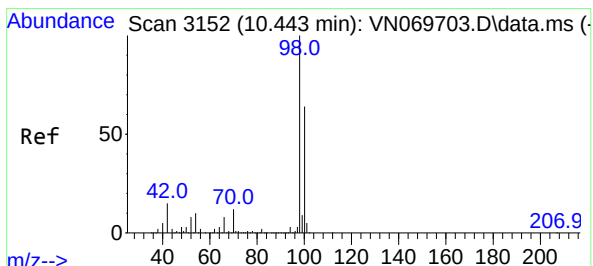
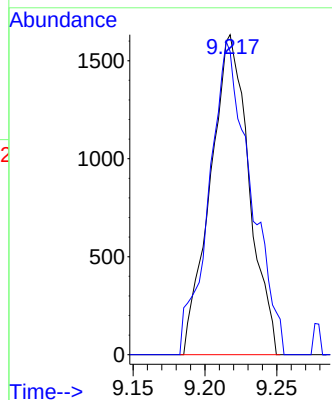


Tgt Ion:130 Resp: 305
Ion Ratio Lower Upper
130 100
95 94.7 0.0 191.2

Manual Integrations

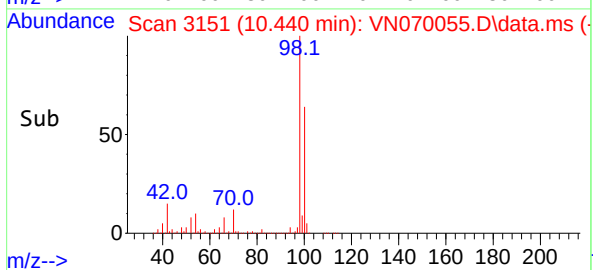
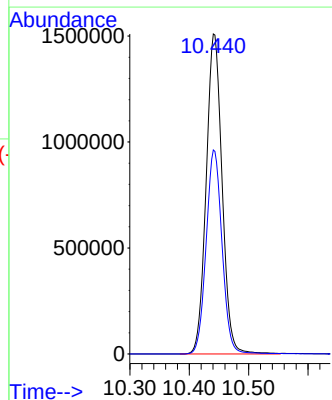
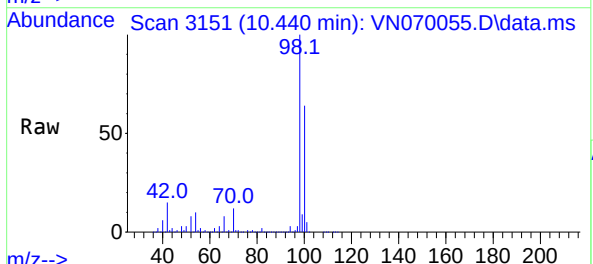
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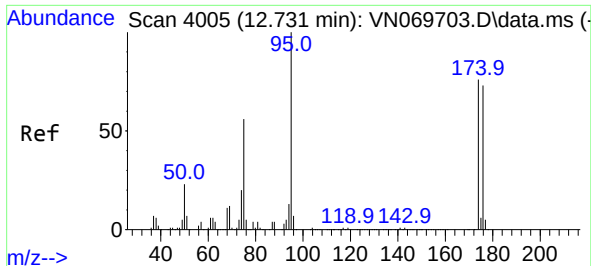
Reviewed By :John Carlone 12/14/2021
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#50
Toluene-d8
Concen: 53.344 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

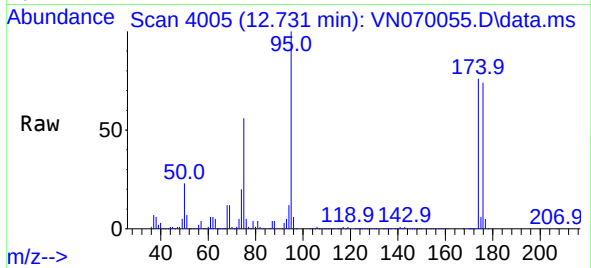
Tgt Ion: 98 Resp: 2809893
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 61.783 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15

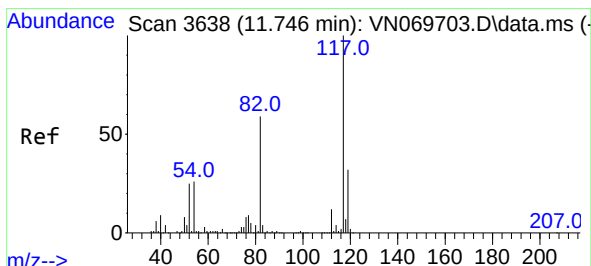
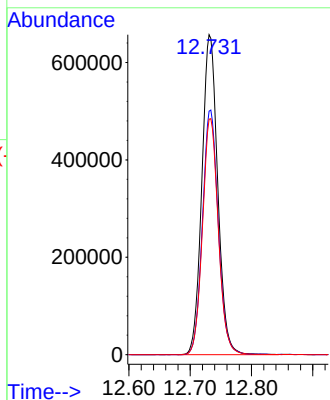
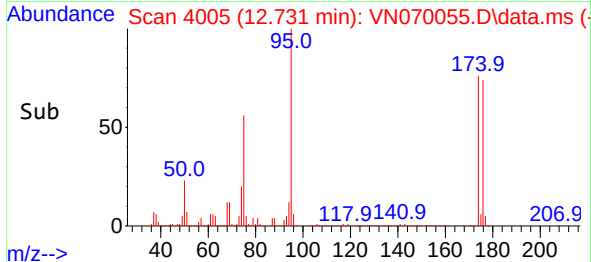
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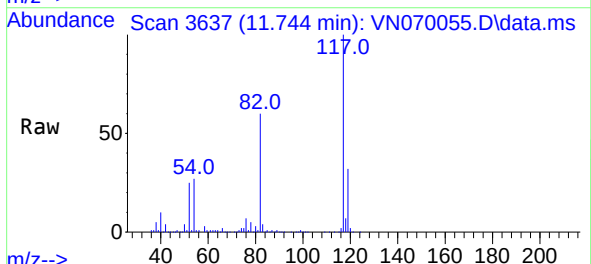
Tgt Ion: 95 Resp: 1179004
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.7 0.0 181.4

Manual Integrations
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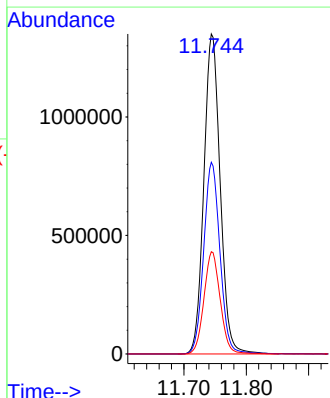
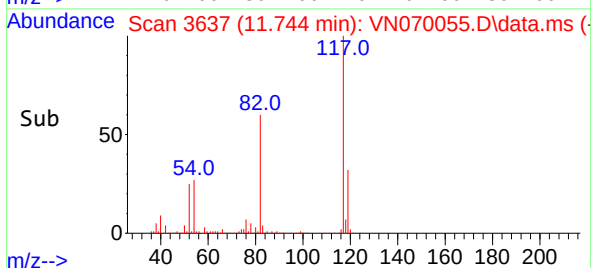
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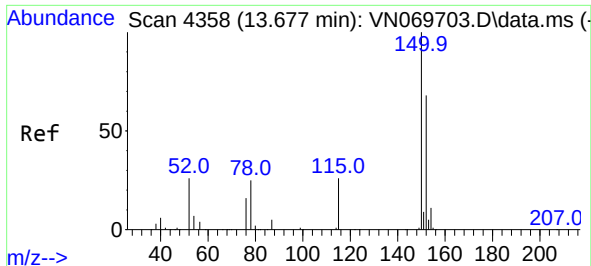


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070055.D
Acq: 14 Dec 2021 2:15



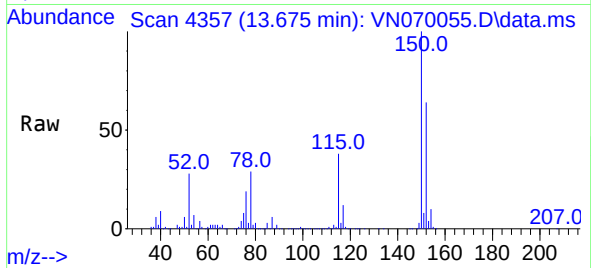
Tgt Ion:117 Resp: 2456544
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070055.D
 Acq: 14 Dec 2021 2:15

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Tgt Ion:152 Resp: 995560
 Ion Ratio Lower Upper
 152 100
 115 60.3 27.5 82.5
 150 157.9 0.0 344.4

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