

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074447.D
 Acq On : 13 Sep 2022 20:58
 Operator : JC\MD
 Sample : N4492-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-01-180-200-090122-H

Quant Time: Sep 14 08:06:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	189871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	351347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	347014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.621	152	156185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166833	50.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.580%			
35) Dibromofluoromethane	7.951	113	130051	54.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.660%			
50) Toluene-d8	10.380	98	432684	46.816	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.640%			
62) 4-Bromofluorobenzene	12.674	95	174104	51.886	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.780%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.122	96	25612	10.821	ug/l	88
16) Acetone	4.234	43	5900	3.327	ug/l #	83
17) Carbon Disulfide	4.463	76	5192m	0.807	ug/l	
24) 1,1-Dichloroethane	6.292	63	7592	1.413	ug/l #	85
27) cis-1,2-Dichloroethene	7.257	96	12410	3.798	ug/l	81
30) Chloroform	7.751	83	17991	3.356	ug/l	92
42) 1,2-Dichloroethane	8.475	62	3369	0.737	ug/l	80
44) Trichloroethene	9.157	130	9256	3.451	ug/l	78
52) Toluene	10.445	92	5614	0.759	ug/l	91

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

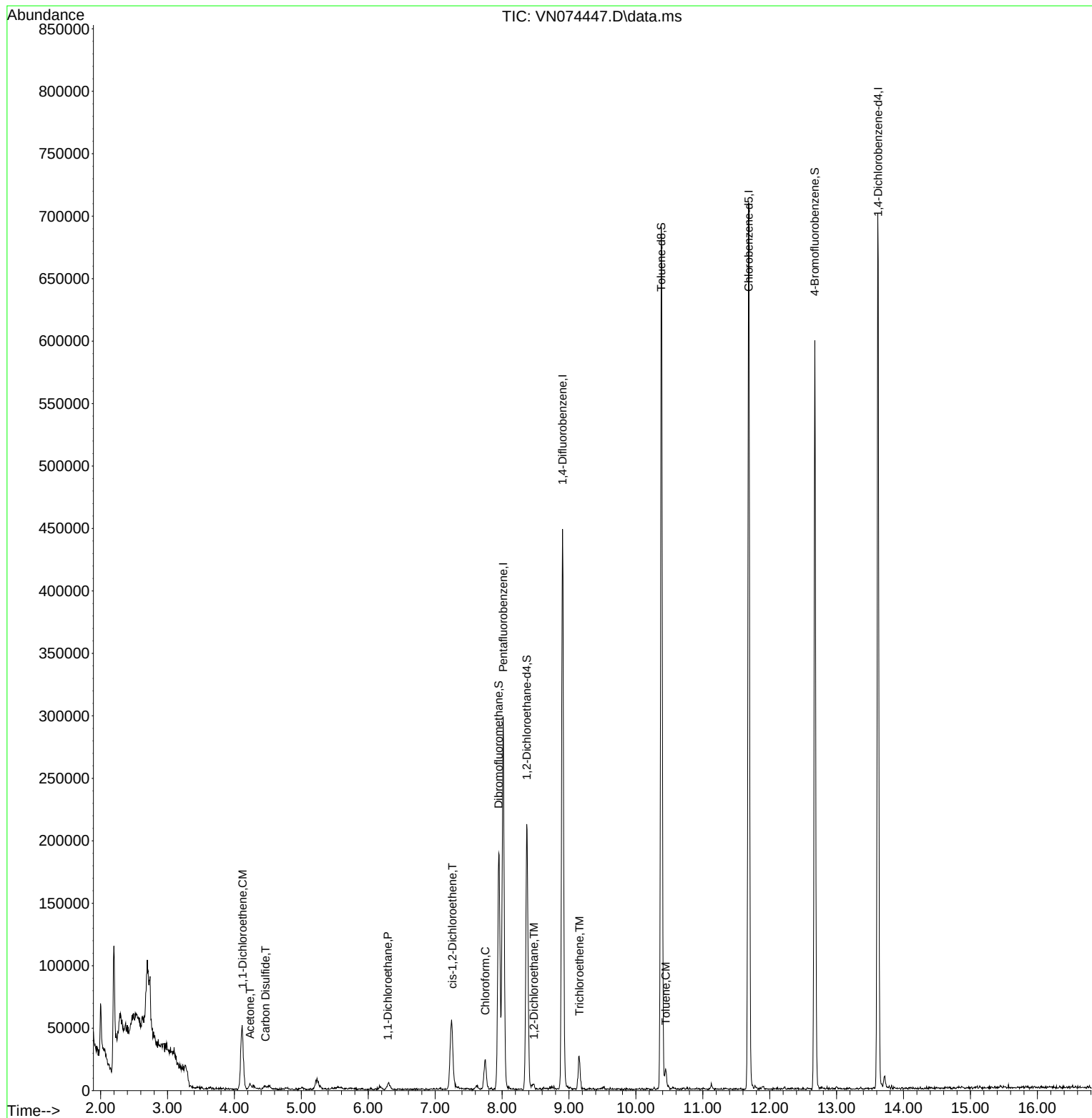
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
Data File : VN074447.D
Acq On : 13 Sep 2022 20:58
Operator : JC\MD
Sample : N4492-19
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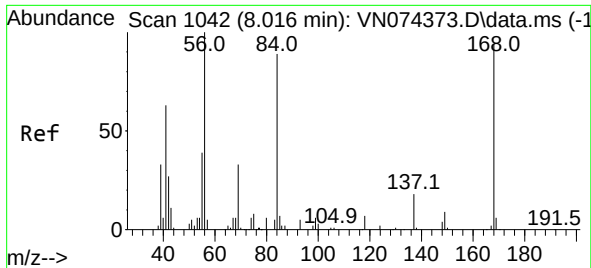
Instrument :
MSVOA_N
ClientSampleId :
BR-01-180-200-090122-H

Quant Time: Sep 14 08:06:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

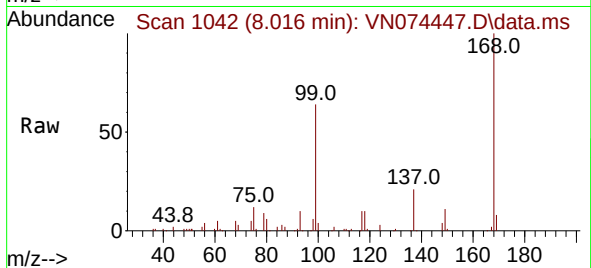
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

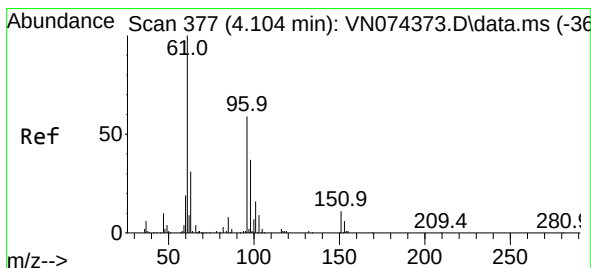
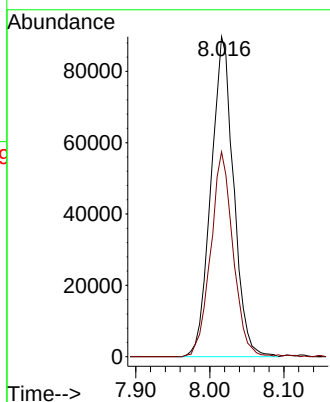
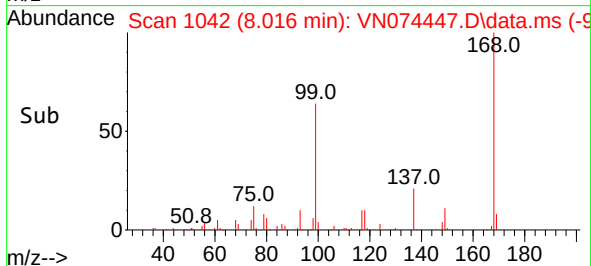
Instrument :
MSVOA_N
ClientSampleId :
BR-01-180-200-090122-H



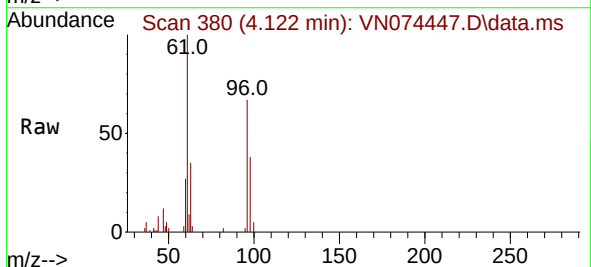
Tgt Ion:168 Resp: 18987
Ion Ratio Lower Upper
168 100
99 64.0 52.8 79.2

Manual Integrations
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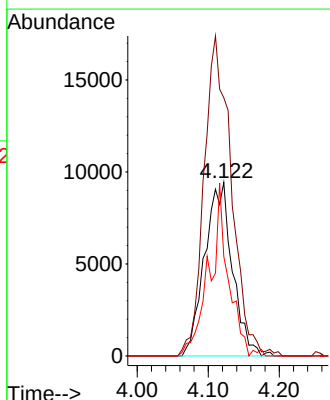
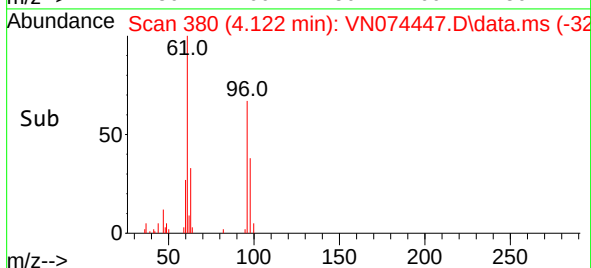
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

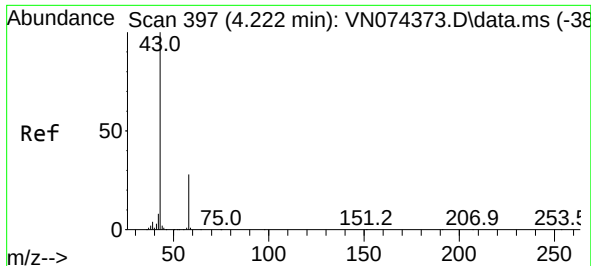


#12
1,1-Dichloroethene
Concen: 10.821 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58



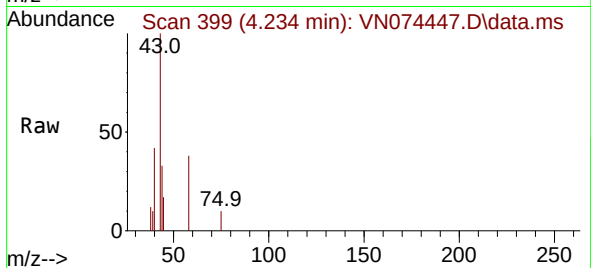
Tgt Ion: 96 Resp: 25612
Ion Ratio Lower Upper
96 100
61 148.8 134.7 202.1
98 57.3 50.2 75.4





#16
Acetone
Concen: 3.327 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

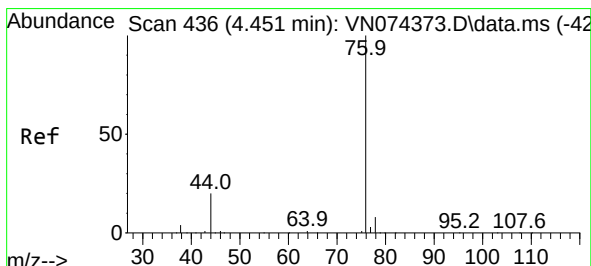
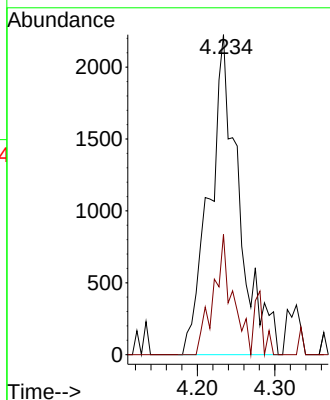
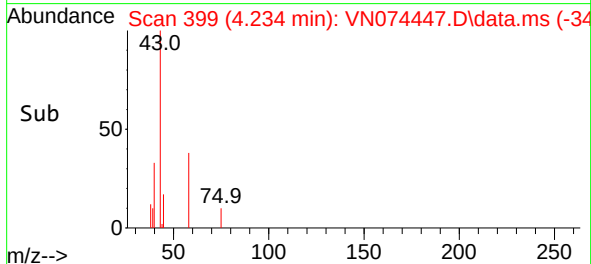
Instrument :
MSVOA_N
ClientSampleId :
BR-01-180-200-090122-H



Tgt Ion: 43 Resp: 5900
Ion Ratio Lower Upper
43 100
58 37.6 22.7 34.1

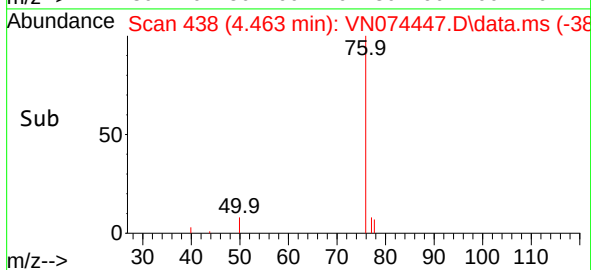
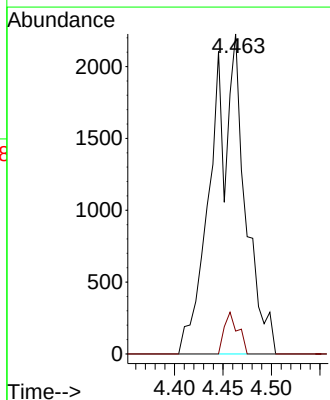
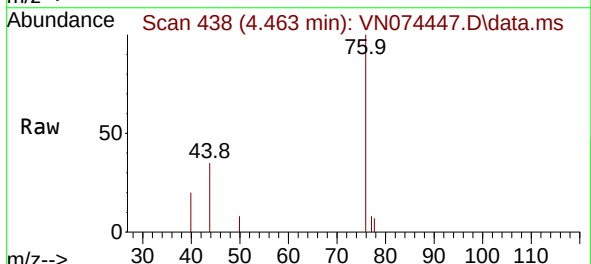
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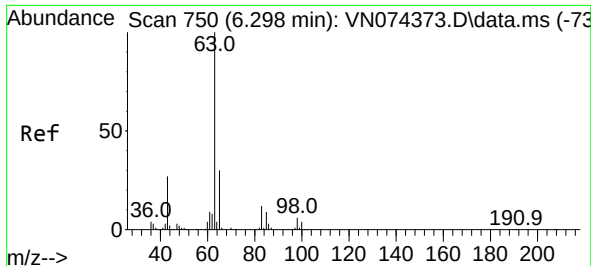
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#17
Carbon Disulfide
Concen: 0.807 ug/l m
RT: 4.463 min Scan# 438
Delta R.T. 0.012 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

Tgt Ion: 76 Resp: 5192
Ion Ratio Lower Upper
76 100
78 7.1 6.5 9.7





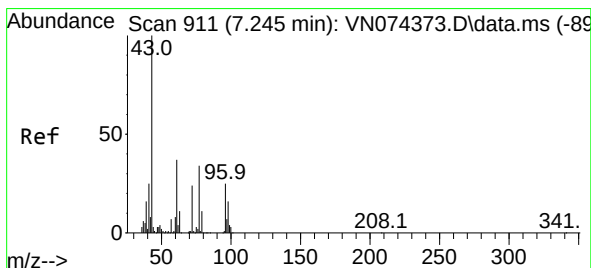
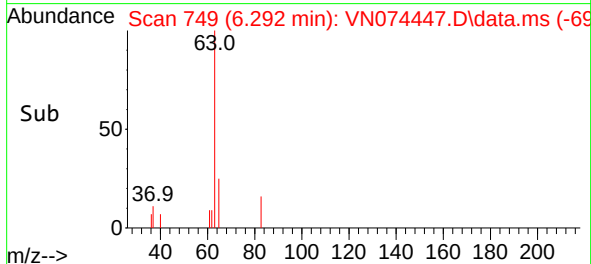
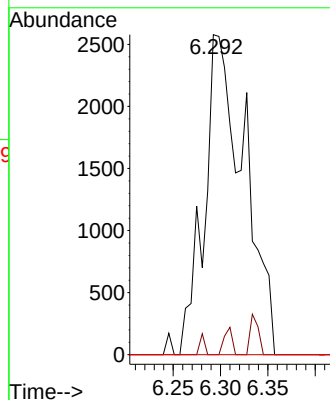
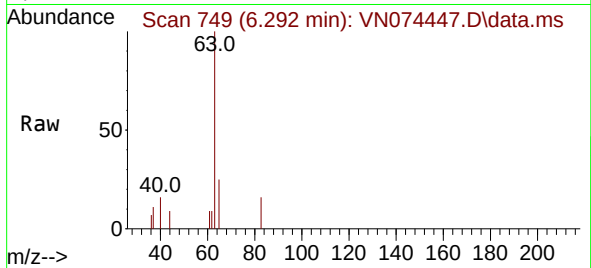
#24
1,1-Dichloroethane
Concen: 1.413 ug/l
RT: 6.292 min Scan# 749
Delta R.T. -0.006 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

Instrument : MSVOA_N
ClientSampleId : BR-01-180-200-090122-H

Tgt Ion:	63	Resp:	7592
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.6
100	0.0	2.0	5.8

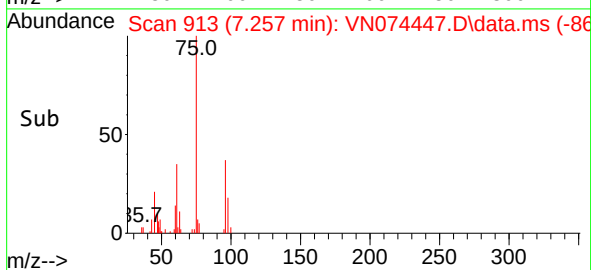
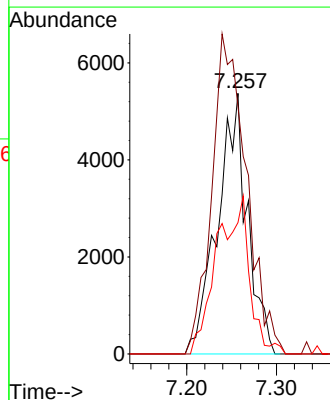
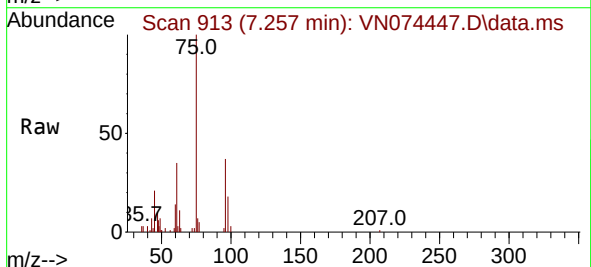
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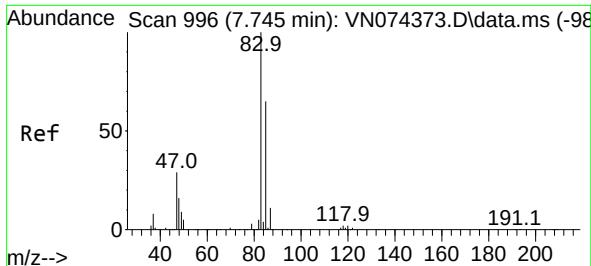
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#27
cis-1,2-Dichloroethene
Concen: 3.798 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

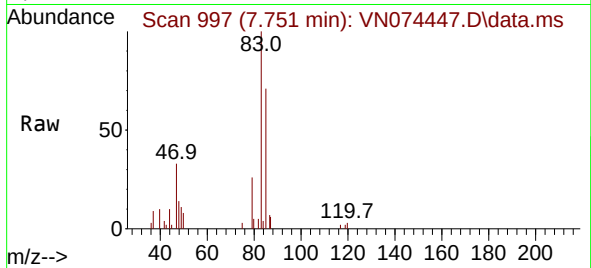
Tgt Ion:	96	Resp:	12410
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	306.2
98	30.8	0.0	129.8





#30
Chloroform
Concen: 3.356 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

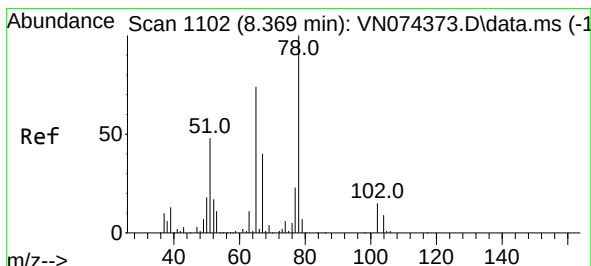
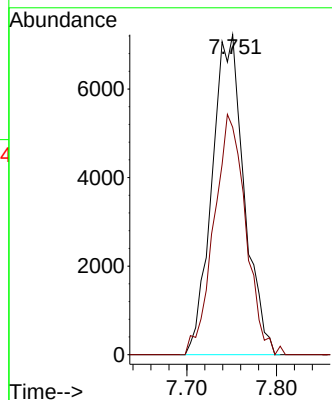
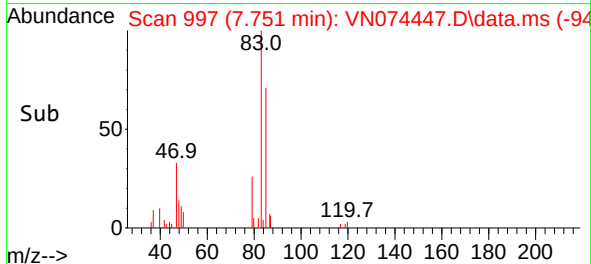
Instrument :
MSVOA_N
ClientSampleId :
BR-01-180-200-090122-H



Tgt Ion: 83 Resp: 1799
Ion Ratio Lower Upper
83 100
85 71.0 51.8 77.6

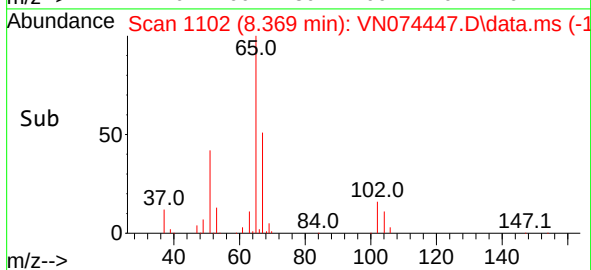
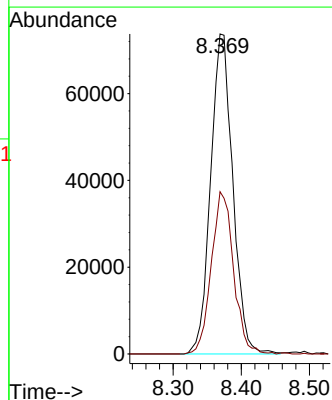
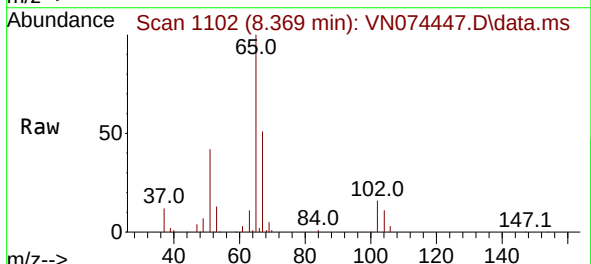
Manual Integrations
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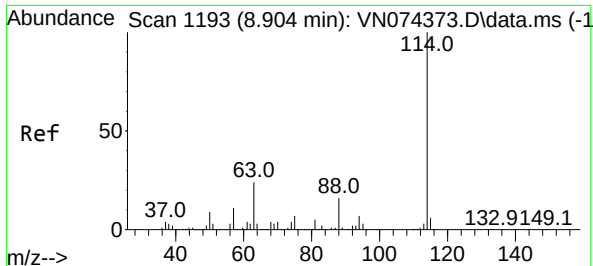
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#33
1,2-Dichloroethane-d4
Concen: 50.786 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

Tgt Ion: 65 Resp: 166833
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074447.D

Acq: 13 Sep 2022 20:58

Instrument :

MSVOA_N

ClientSampleId :

BR-01-180-200-090122-H

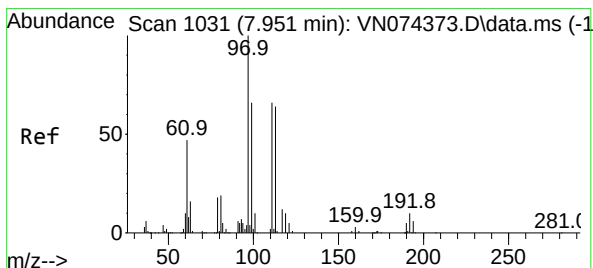
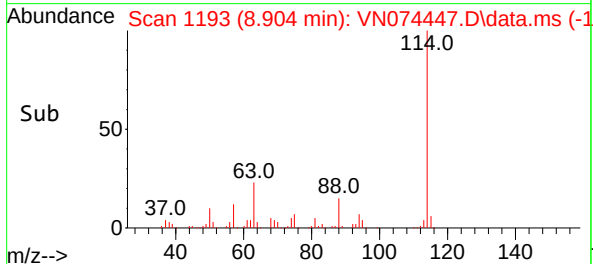
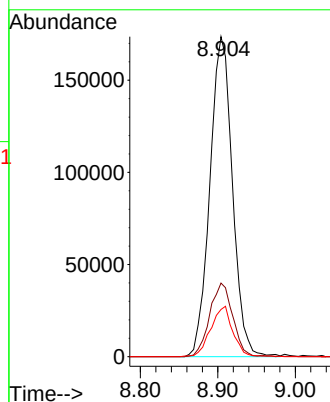
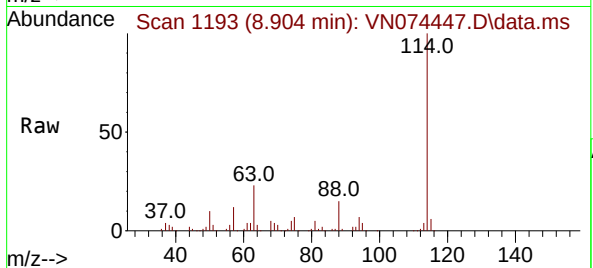
Tgt Ion:	114	Resp:	35134
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	47.6
88	14.7	0.0	31.4

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#35

Dibromofluoromethane

Concen: 54.829 ug/l

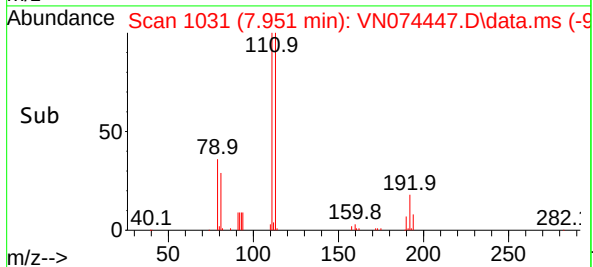
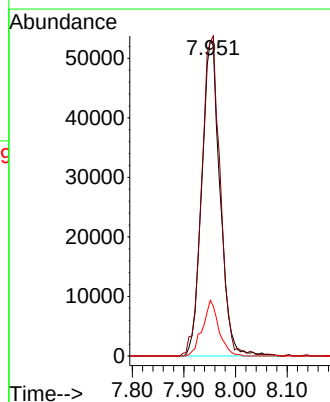
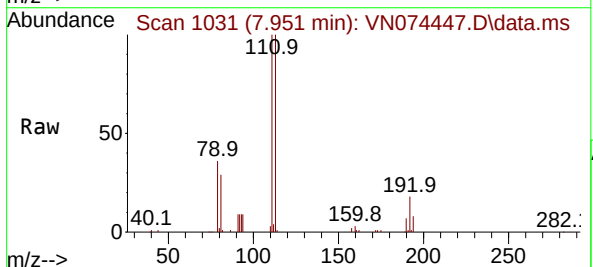
RT: 7.951 min Scan# 1031

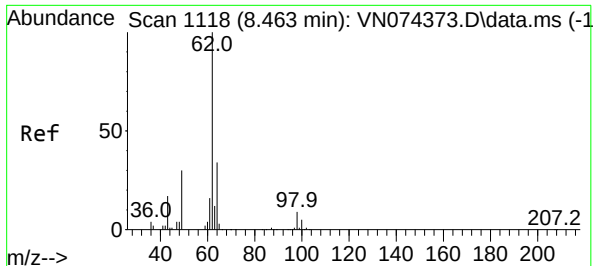
Delta R.T. -0.000 min

Lab File: VN074447.D

Acq: 13 Sep 2022 20:58

Tgt Ion:	113	Resp:	130051
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.0	124.4
192	15.7	13.7	20.5





#42

1,2-Dichloroethane

Concen: 0.737 ug/l

RT: 8.475 min Scan# 1118

Delta R.T. 0.012 min

Lab File: VN074447.D

Acq: 13 Sep 2022 20:58

Instrument :

MSVOA_N

ClientSampleId :

BR-01-180-200-090122-H

Tgt Ion: 62 Resp: 3369

Ion Ratio Lower Upper

62 100

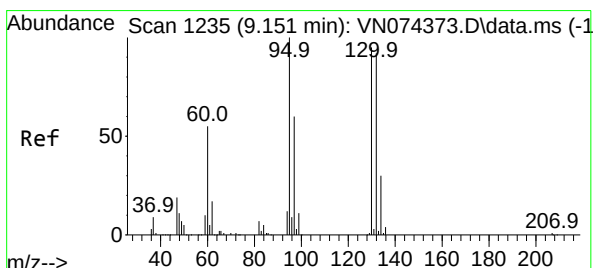
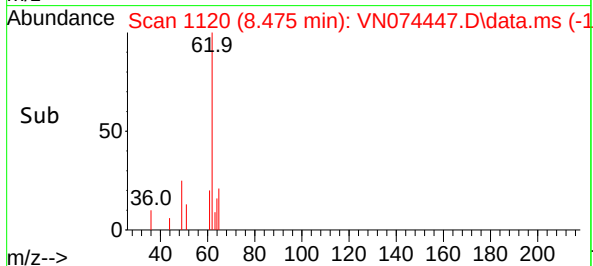
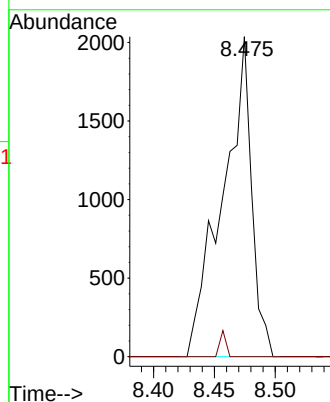
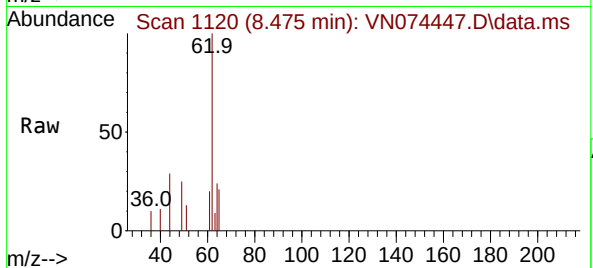
98 1.8 0.0 17.6

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#44

Trichloroethene

Concen: 3.451 ug/l

RT: 9.157 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VN074447.D

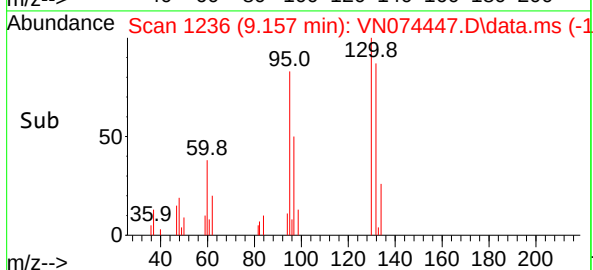
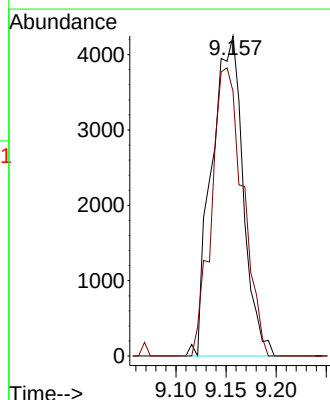
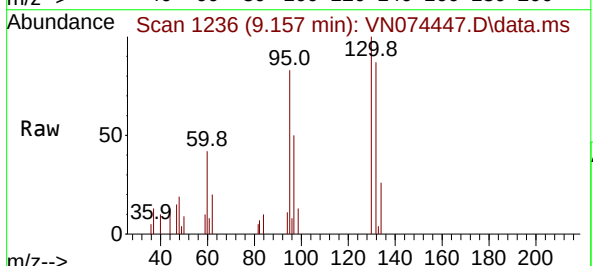
Acq: 13 Sep 2022 20:58

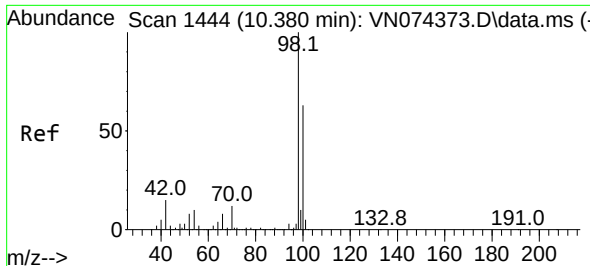
Tgt Ion:130 Resp: 9256

Ion Ratio Lower Upper

130 100

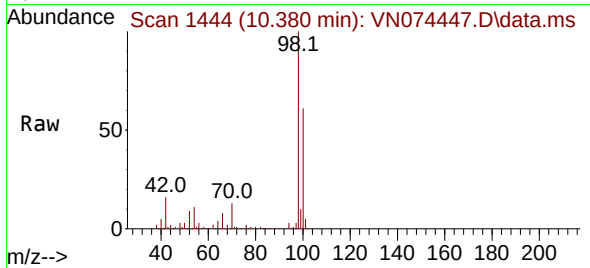
95 82.7 0.0 210.0





#50
Toluene-d8
Concen: 46.816 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

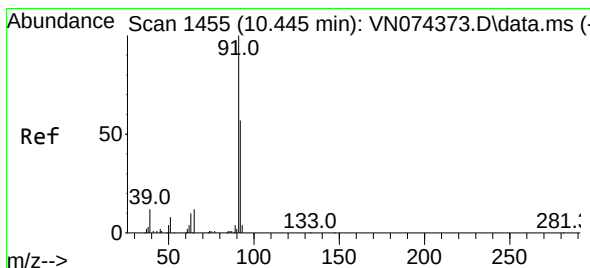
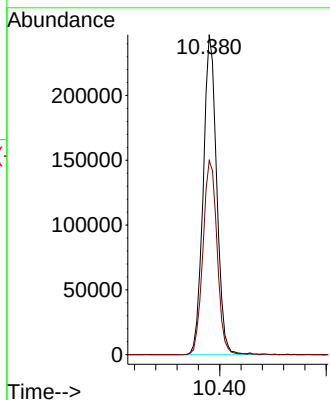
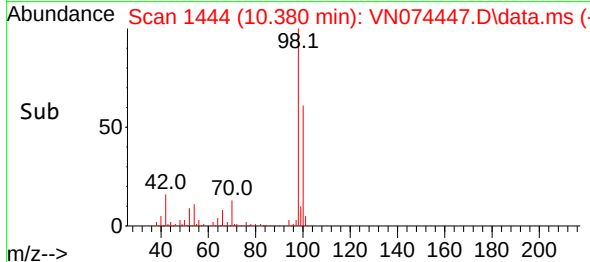
Instrument :
MSVOA_N
ClientSampleId :
BR-01-180-200-090122-H



Tgt Ion: 98 Resp: 432684
Ion Ratio Lower Upper
98 100
100 63.7 50.6 76.0

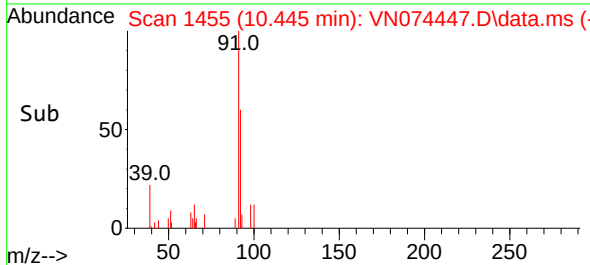
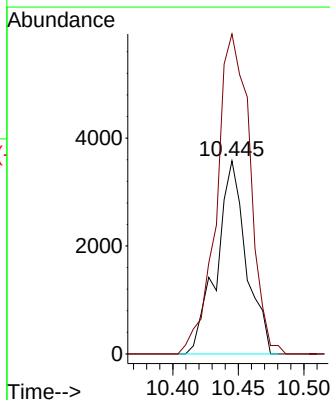
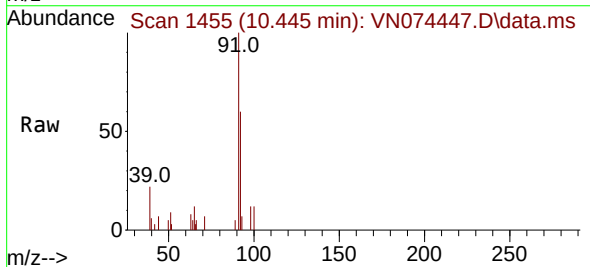
Manual Integrations
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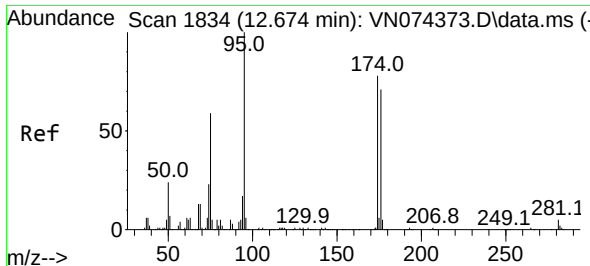
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 0.759 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

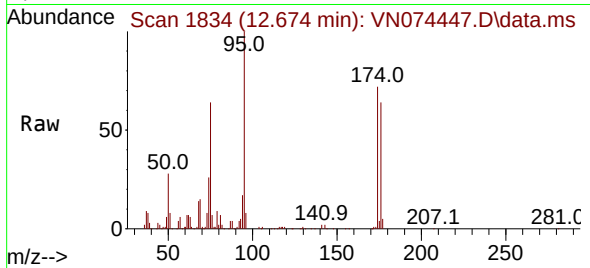
Tgt Ion: 92 Resp: 5614
Ion Ratio Lower Upper
92 100
91 186.9 139.8 209.6





#62
4-Bromofluorobenzene
Concen: 51.886 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

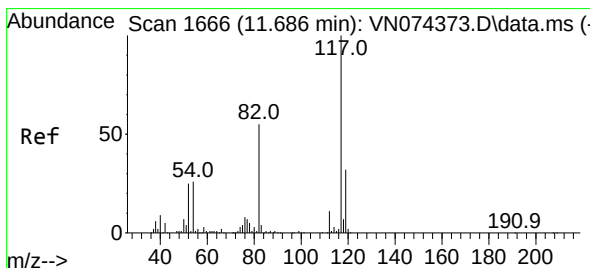
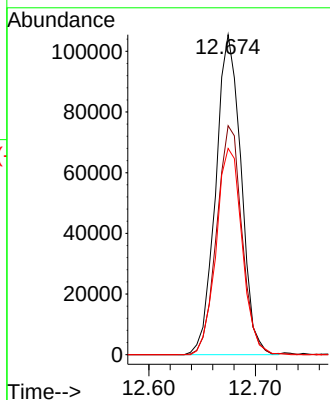
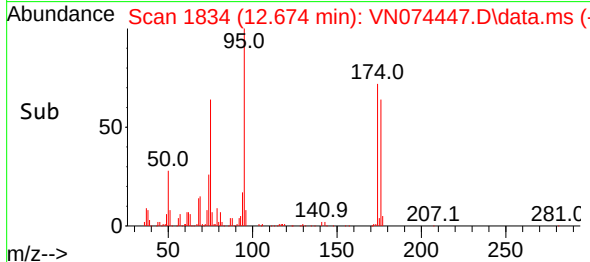
Instrument :
MSVOA_N
ClientSampleId :
BR-01-180-200-090122-H



Tgt Ion: 95 Resp: 174104
Ion Ratio Lower Upper
95 100
174 71.5 0.0 150.6
176 66.0 0.0 143.4

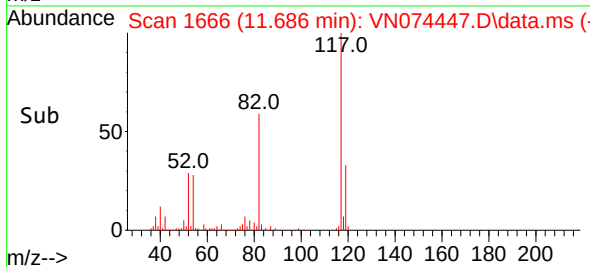
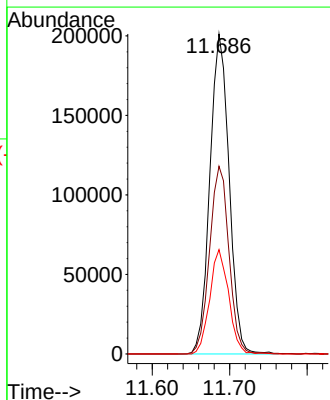
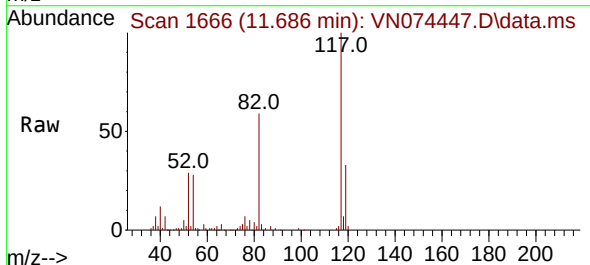
Manual Integrations
APPROVED

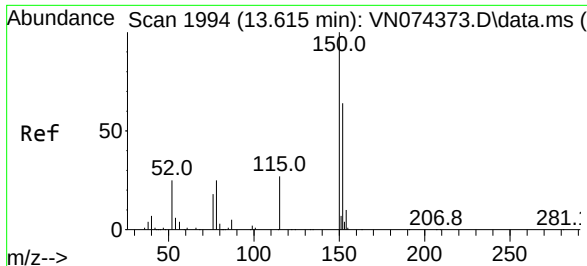
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074447.D
Acq: 13 Sep 2022 20:58

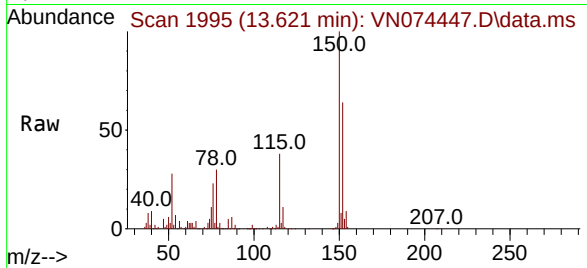
Tgt Ion:117 Resp: 347014
Ion Ratio Lower Upper
117 100
82 58.7 44.3 66.5
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. 0.006 min
 Lab File: VN074447.D
 Acq: 13 Sep 2022 20:58

Instrument : MSVOA_N
 ClientSampleId : BR-01-180-200-090122-H



Tgt Ion:152 Resp: 156185
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.0 96.0
 150 159.6 0.0 359.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

