

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN071992.D
 Acq On : 14 Apr 2022 13:06
 Operator : JC\MD
 Sample : N2420-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-IDWGW-20220413

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/15/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 15 01:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	75516	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	402887	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	350199	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	151572	28.488	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.967%
60) 4-Bromofluorobenzene	12.727	95	122523	23.596	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.667%
63) Toluene-d8	10.439	98	470305	29.584	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.600%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.216	101	30664	6.912	ug/l #	62
10) 1,1-Dichloroethene	4.187	96	10186	2.328	ug/l #	81
22) cis-1,2-Dichloroethene	7.322	96	9752	1.715	ug/l #	64
37) Trichloroethene	9.216	130	5760901	1101.966	ug/l	99
61) Tetrachloroethene	10.975	164	29273	6.868	ug/l	87
91) Naphthalene	15.504	128	7576m	7.369	ug/l	

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

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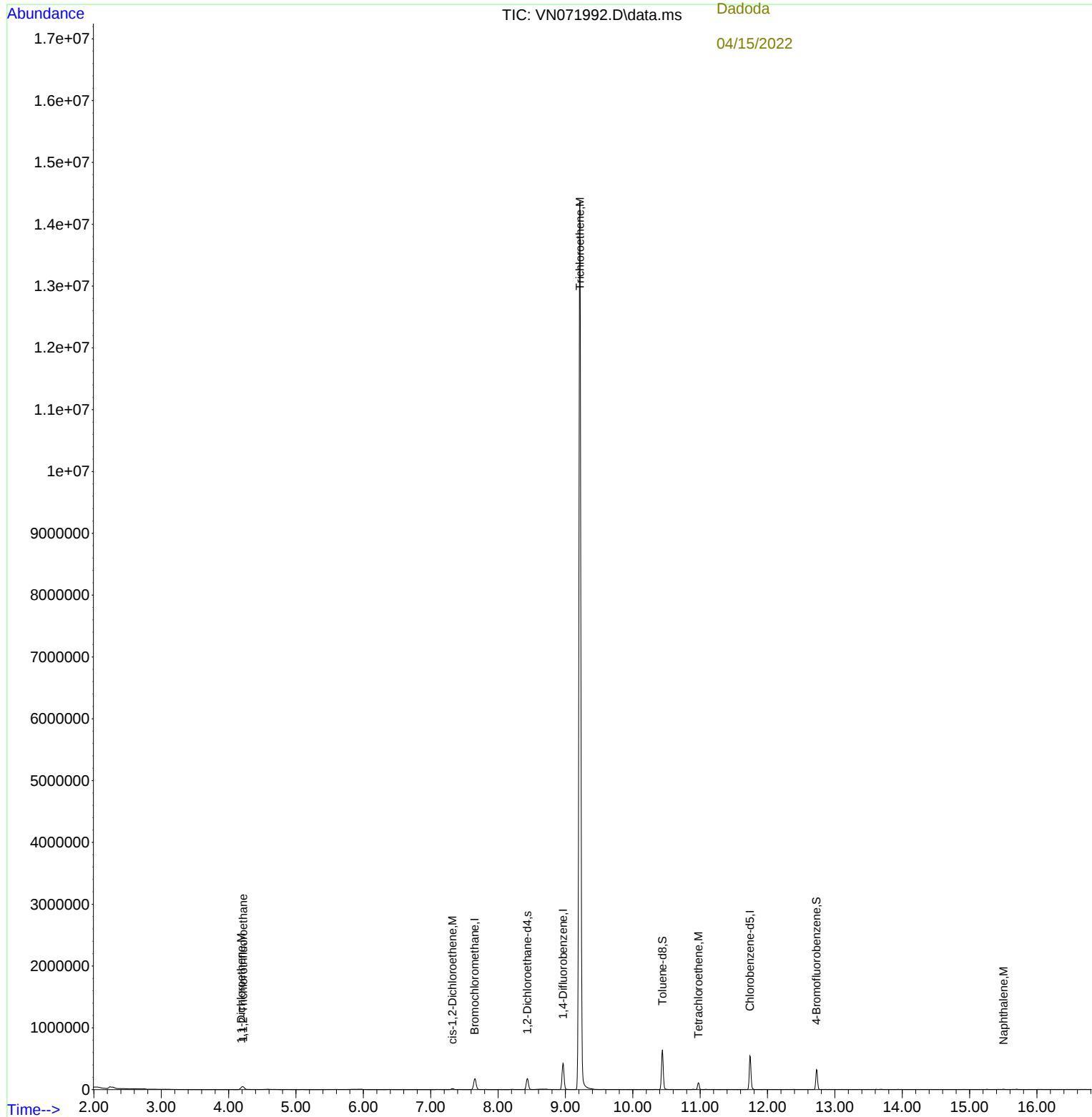
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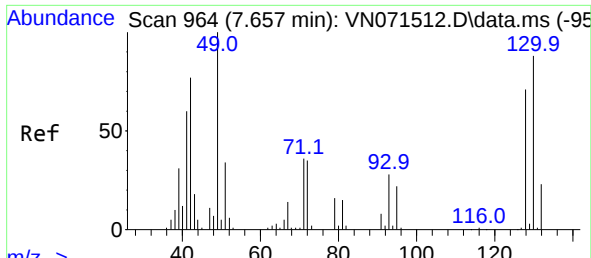
Reviewed By :Krupa
Patel

04/15/2022
Supervised By :Mahesh
Dadoda

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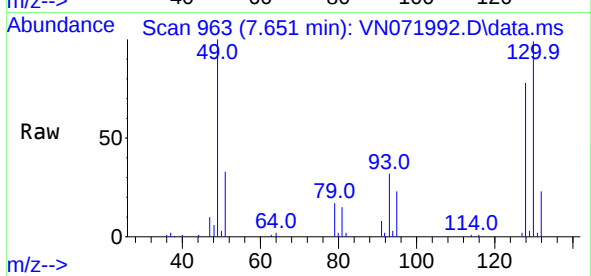
Quant Time: Apr 15 01:37:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

Instrument :
MSVOA_N
ClientSampleId :
RW4-IDWGW-20220413



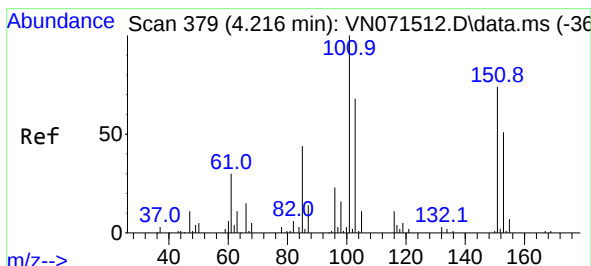
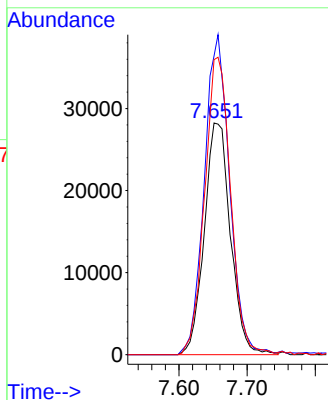
Tgt Ion:128 Resp: 75510
Ion Ratio Lower Upper
128 100
49 133.5 0.0 392.3
130 127.1 0.0 320.2

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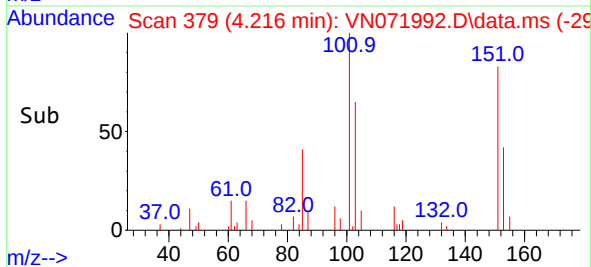
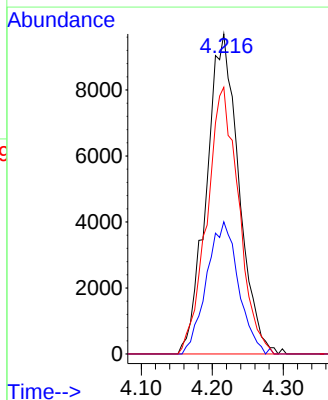
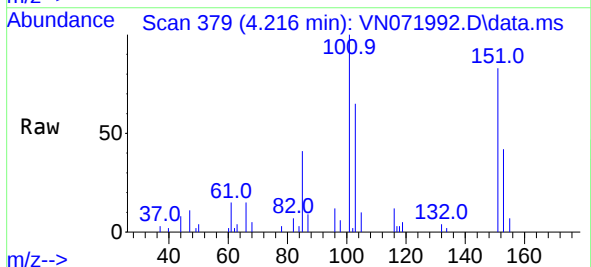
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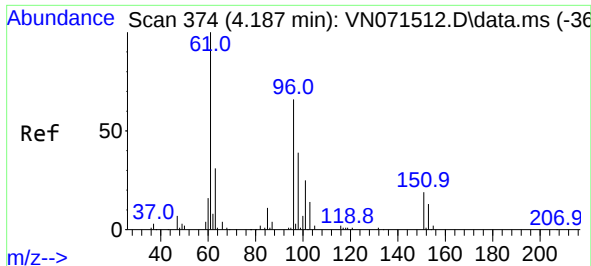
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.912 ug/l
RT: 4.216 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

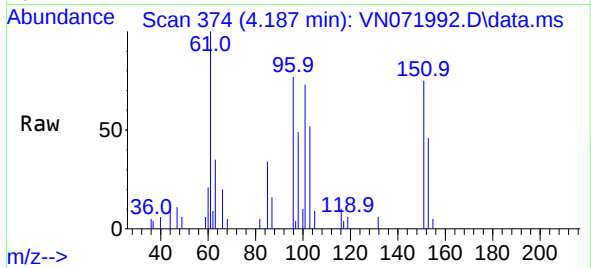
Tgt Ion:101 Resp: 30664
Ion Ratio Lower Upper
101 100
85 40.6 0.0 94.0
151 82.0 0.0 74.6#





#10
1,1-Dichloroethene
Concen: 2.328 ug/l
RT: 4.187 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

Instrument :
MSVOA_N
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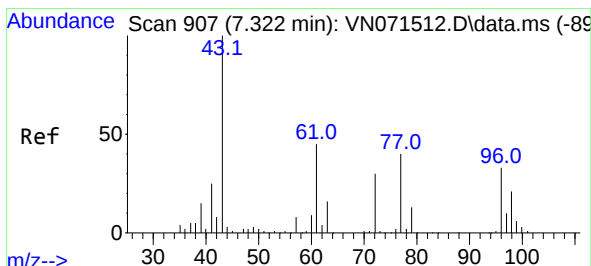
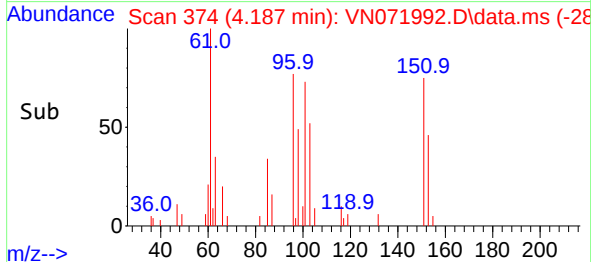
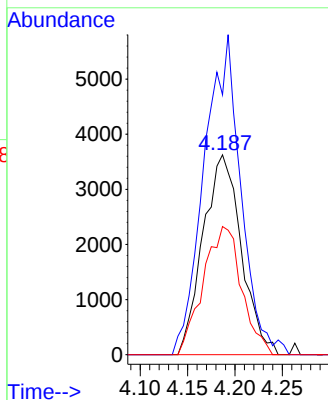
Tgt Ion: 96 Resp: 10180
Ion Ratio Lower Upper
96 100
61 122.6 126.2 189.4
98 64.1 50.9 76.3

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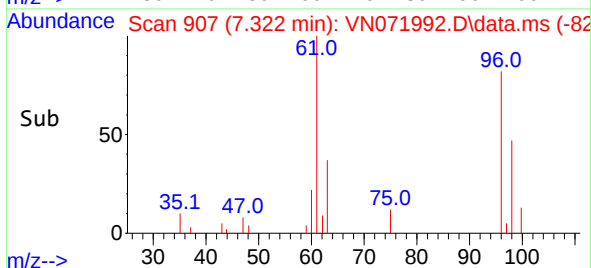
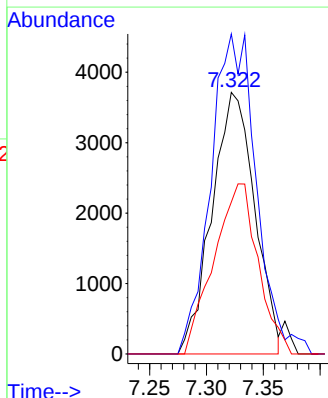
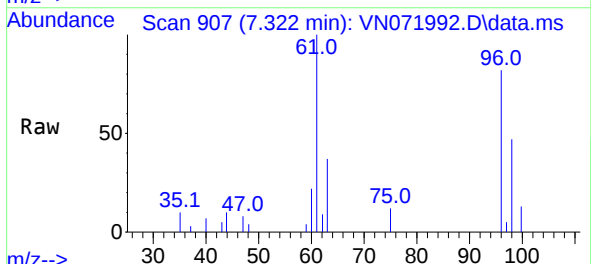
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Supervised By :Mahesh
Dadoda

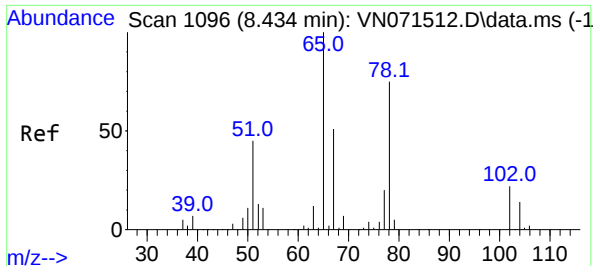
04/15/2022



#22
cis-1,2-Dichloroethene
Concen: 1.715 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

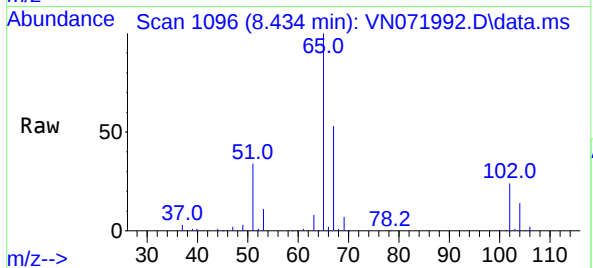
Tgt Ion: 96 Resp: 9752
Ion Ratio Lower Upper
96 100
61 81.6 115.7 173.5
98 67.1 51.6 77.4





#27
1,2-Dichloroethane-d4
Concen: 28.488 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

Instrument :
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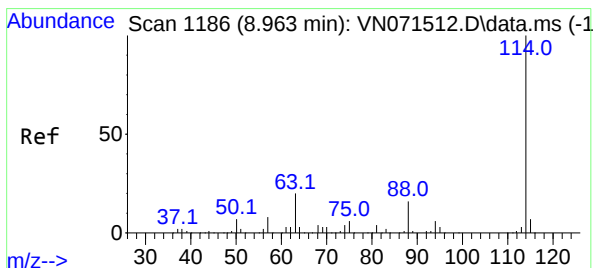
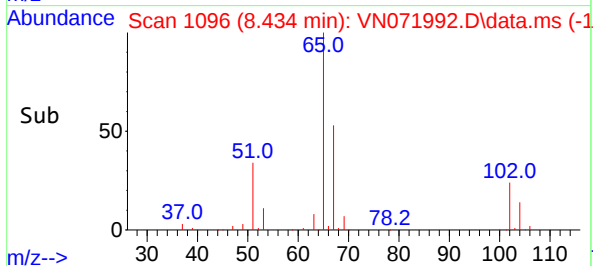
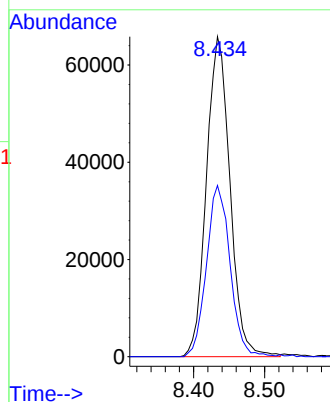
Tgt Ion: 65 Resp: 151572
Ion Ratio Lower Upper
65 100
67 53.6 40.2 60.2

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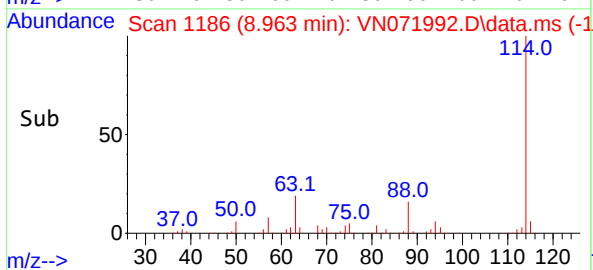
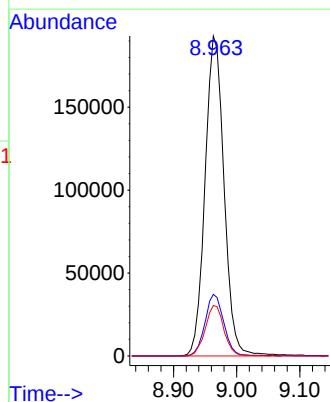
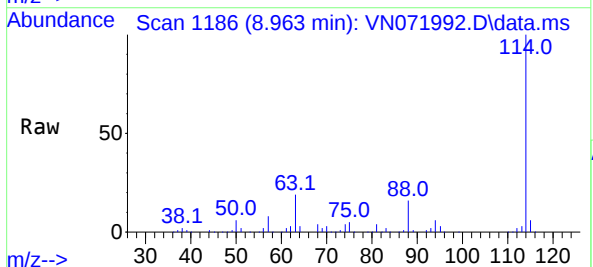
04/15/2022
Supervised By :Mahesh
Dadoda

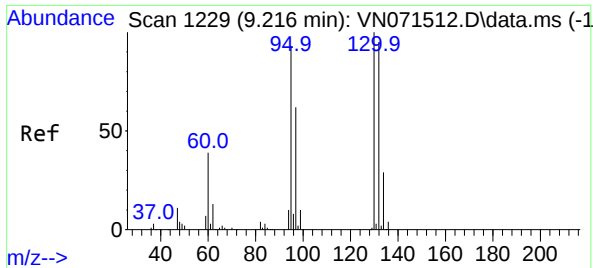
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

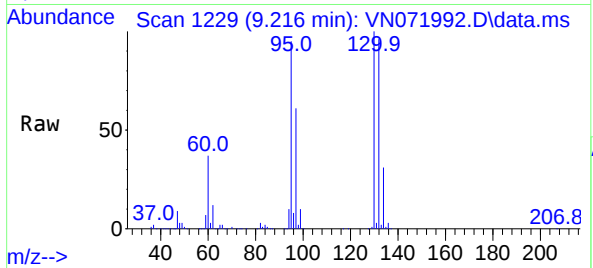
Tgt Ion:114 Resp: 402887
Ion Ratio Lower Upper
114 100
63 19.0 15.8 23.6
88 15.5 11.6 17.4





#37
Trichloroethene
Concen: 1101.966 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

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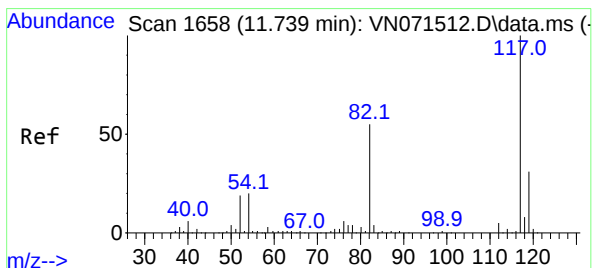
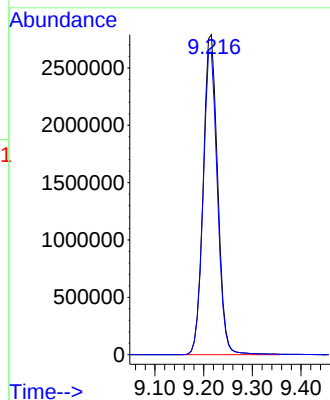
Tgt Ion:130 Resp: 576090
Ion Ratio Lower Upper
130 100
95 94.6 76.6 115.0

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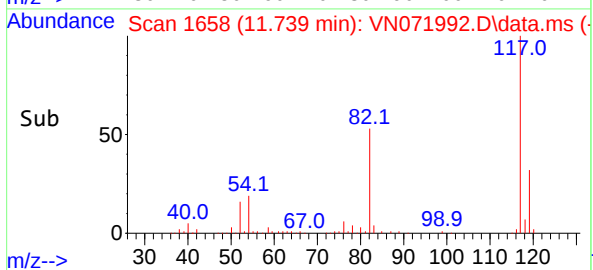
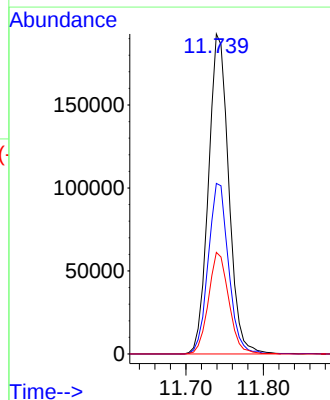
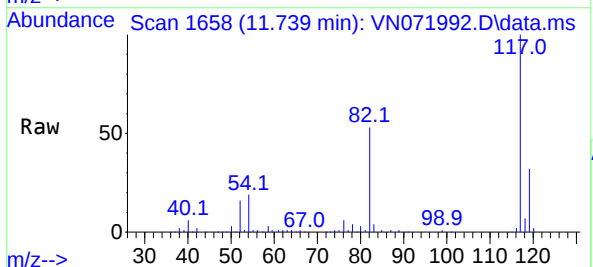
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Supervised By :Mahesh
Dadoda

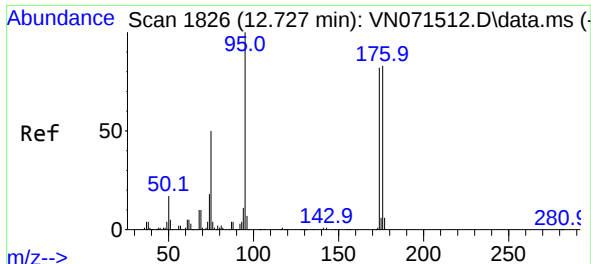
04/15/2022



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

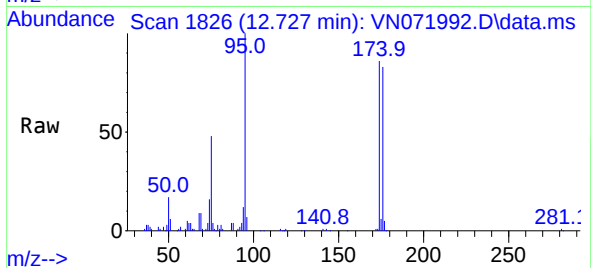
Tgt Ion:117 Resp: 350199
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 31.8 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 23.596 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

Instrument :
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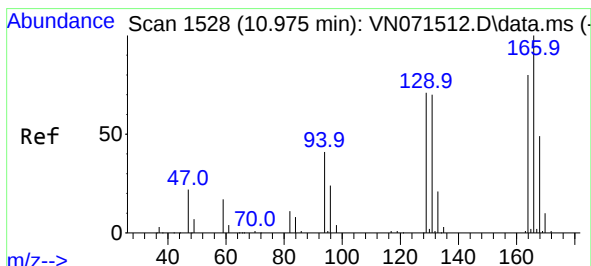
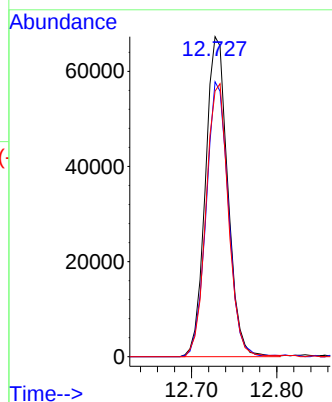
Tgt Ion: 95 Resp: 12252
Ion Ratio Lower Upper
95 100
174 85.2 62.9 94.3
176 84.9 61.0 91.4

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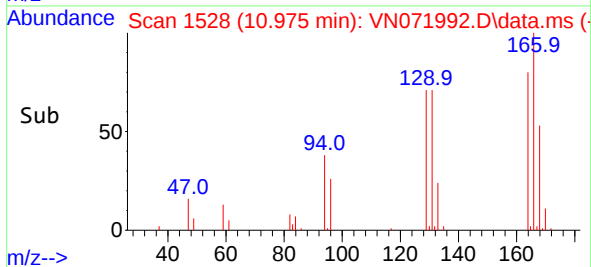
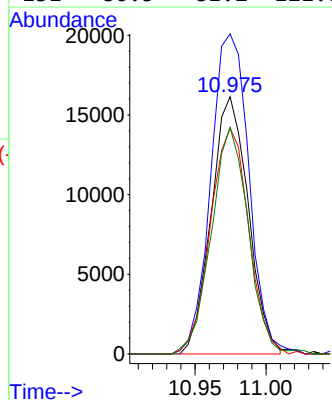
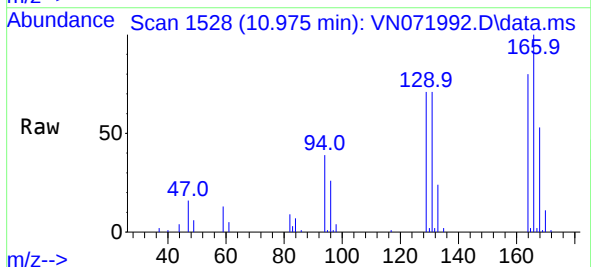
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Dadoda

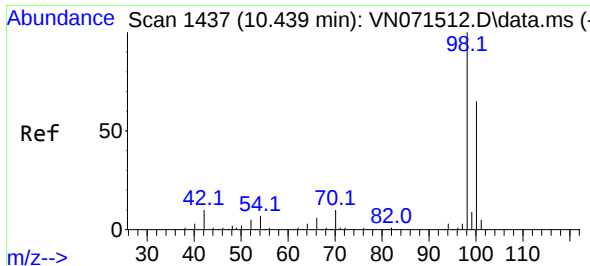
04/15/2022



#61
Tetrachloroethene
Concen: 6.868 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

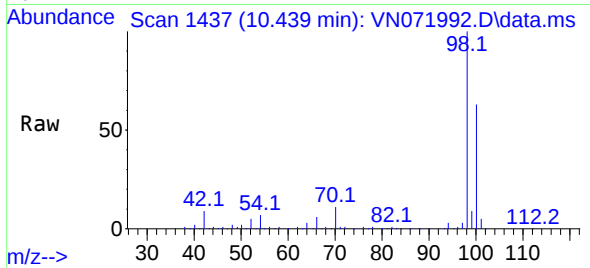
Tgt Ion:164 Resp: 29273
Ion Ratio Lower Upper
164 100
166 123.0 105.8 158.8
129 86.5 82.5 123.7
131 86.5 81.2 121.8





#63
Toluene-d8
Concen: 29.584 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06

Instrument :
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ClientSampleId :
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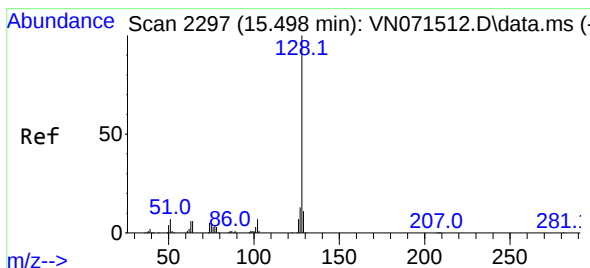
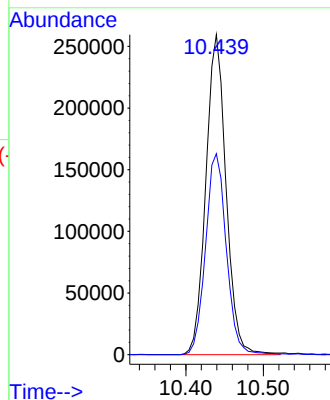
Tgt Ion: 98 Resp: 470309
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0

Manual Integrations
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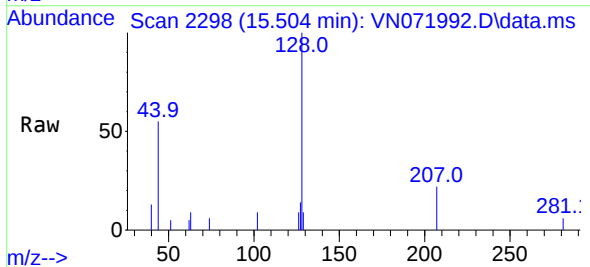
Reviewed By :Krupa
Patel

04/15/2022
Supervised By :Mahesh
Dadoda

04/15/2022



#91
Naphthalene
Concen: 7.369 ug/l m
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071992.D
Acq: 14 Apr 2022 13:06



Tgt Ion:128 Resp: 7576
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.6#

