

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071739.D
 Acq On : 01 Apr 2022 06:05
 Operator : JC\MD
 Sample : N2202-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MHE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 07:47:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	649956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1117004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1147835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	409129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	373735	50.369	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.740%			
35) Dibromofluoromethane	8.022	113	318493	48.455	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.920%			
50) Toluene-d8	10.439	98	1424389	52.974	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.940%			
62) 4-Bromofluorobenzene	12.727	95	465483	53.528	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.060%			
Target Compounds					Qvalue	
16) Acetone	4.293	43	53771	16.957	ug/l	97
20) Methylene Chloride	5.098	84	476254	71.255	ug/l	99
43) Isopropyl Acetate	8.580	43	146286m	8.754	ug/l	

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

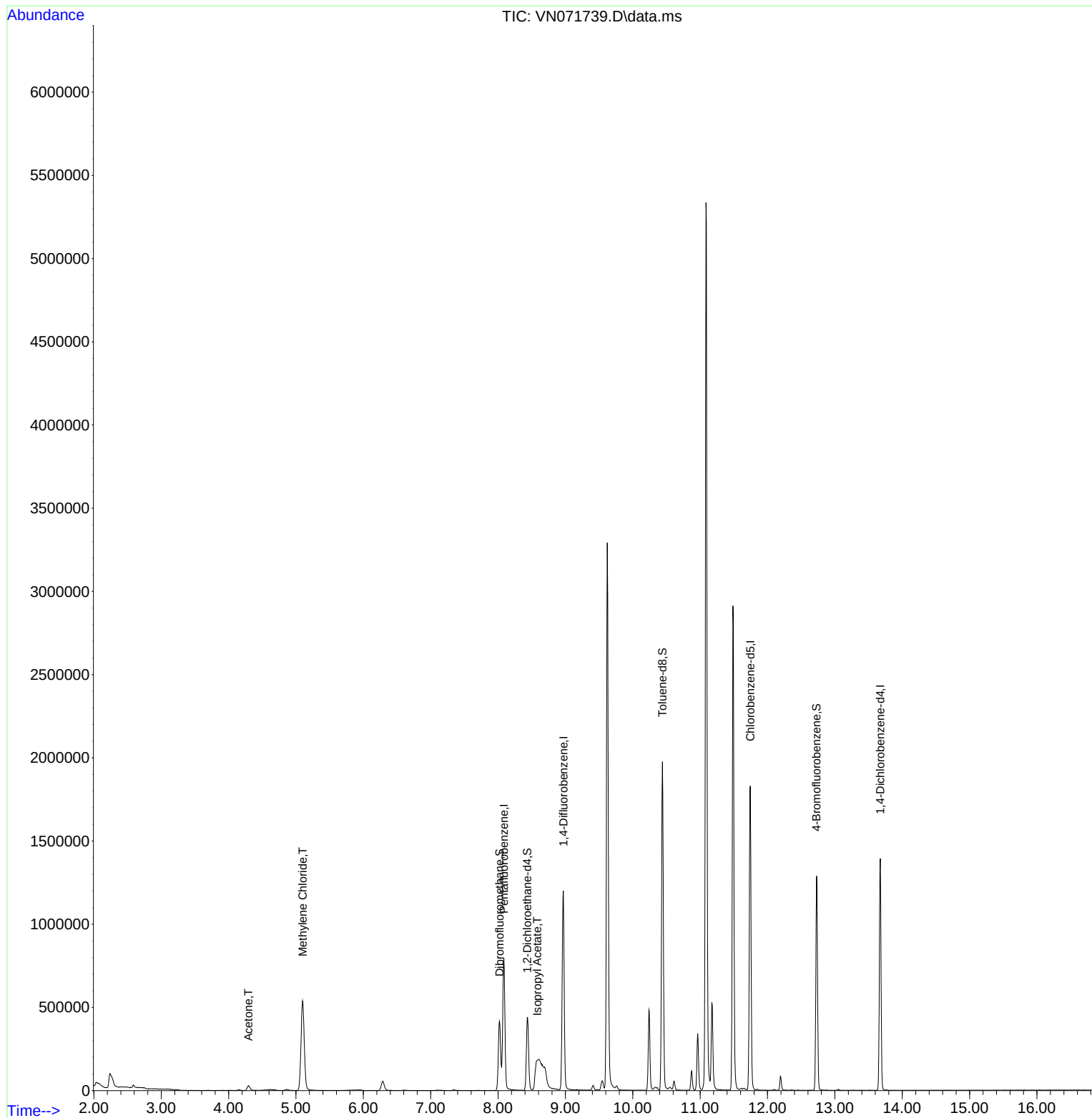
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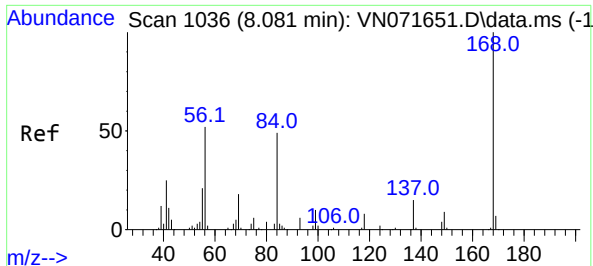
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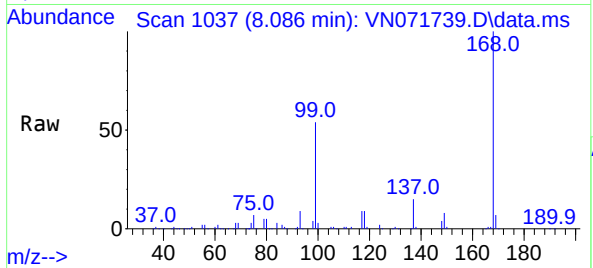
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05

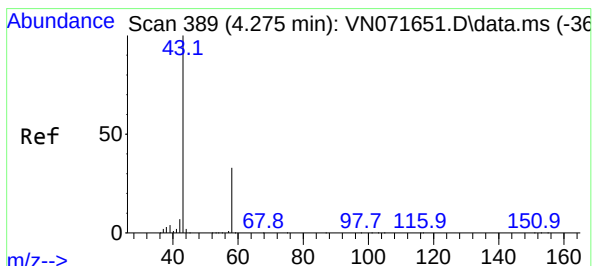
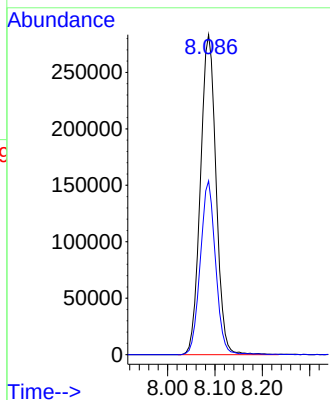
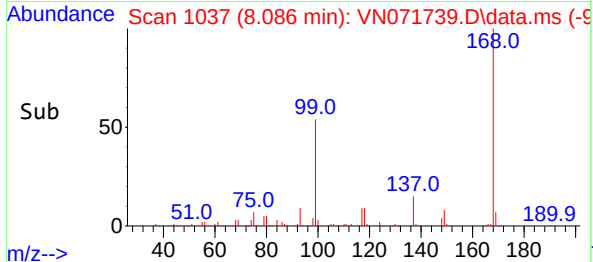
Instrument :
MSVOA_N
ClientSampleId :
MHE



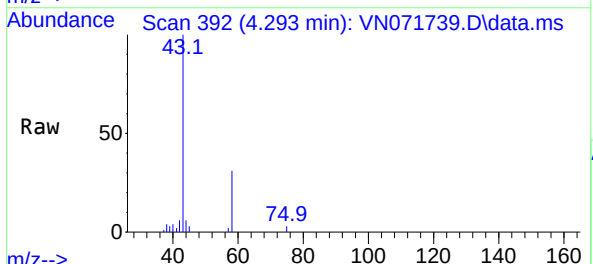
Tgt Ion:168 Resp: 649950
Ion Ratio Lower Upper
168 100
99 54.3 42.3 63.5

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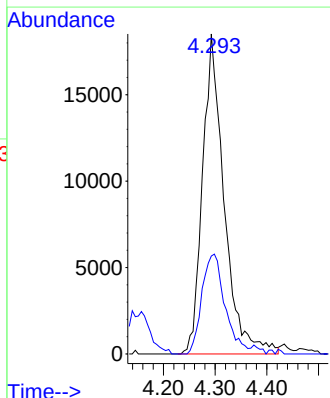
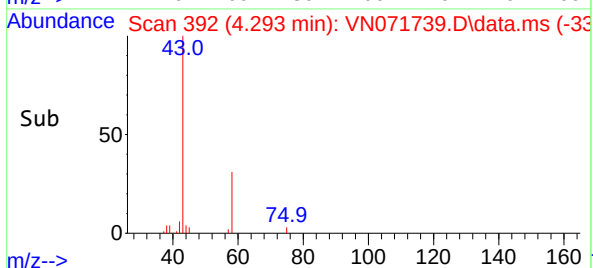
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

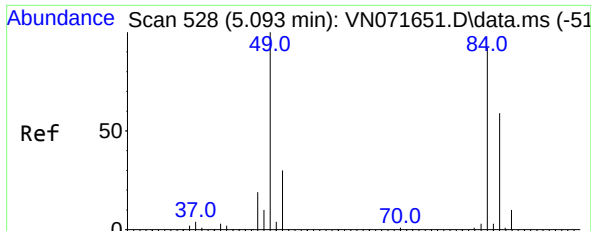


#16
Acetone
Concen: 16.957 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05



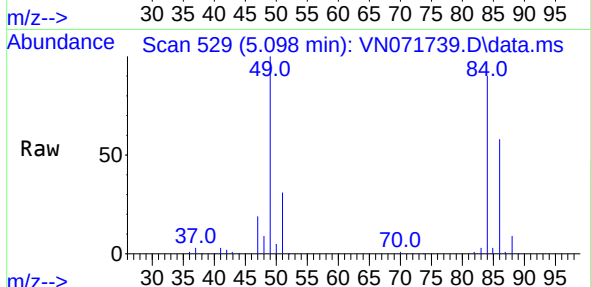
Tgt Ion: 43 Resp: 53771
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0





#20
Methylene Chloride
Concen: 71.255 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05

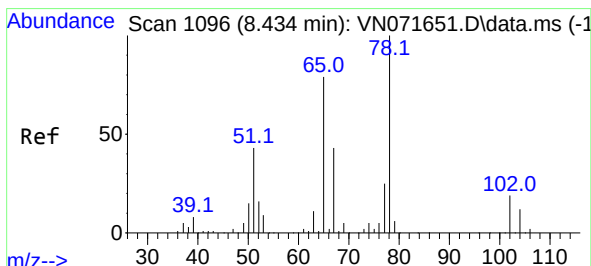
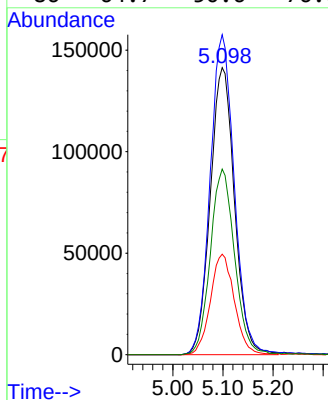
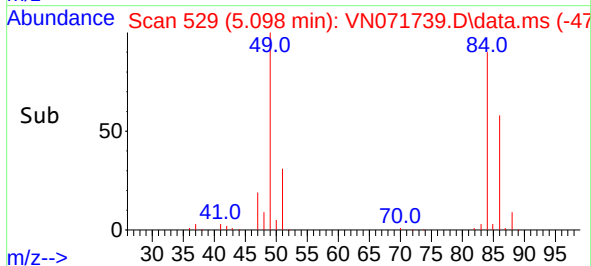
Instrument :
MSVOA_N
ClientSampleId :
MHE



Tgt Ion: 84 Resp: 476254
Ion Ratio Lower Upper
84 100
49 111.5 88.3 132.5
51 35.0 28.2 42.2
86 64.7 50.6 76.0

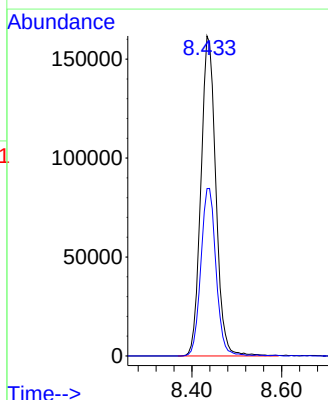
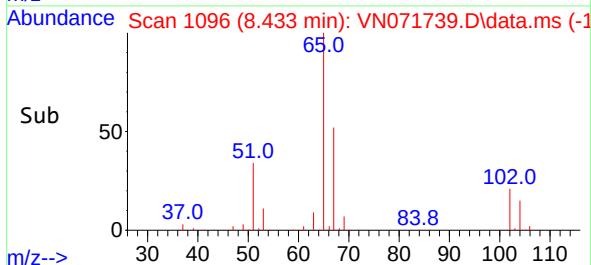
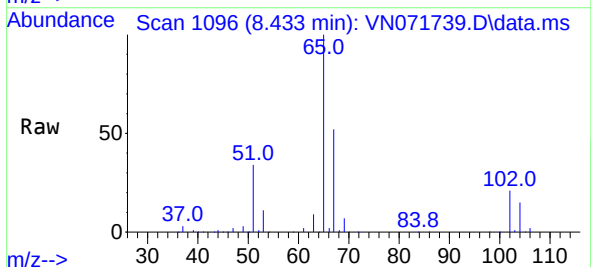
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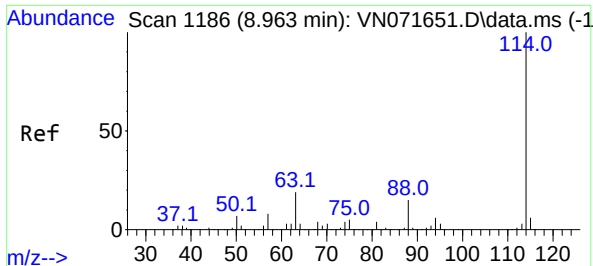
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#33
1,2-Dichloroethane-d4
Concen: 50.369 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05

Tgt Ion: 65 Resp: 373735
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN071739.D

Acq: 01 Apr 2022 06:05

Instrument :

MSVOA_N

ClientSampleId :

MHE

Tgt Ion:114 Resp: 1117004

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

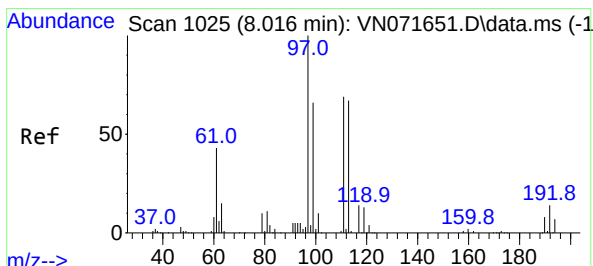
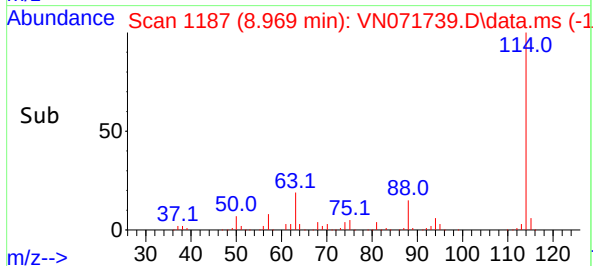
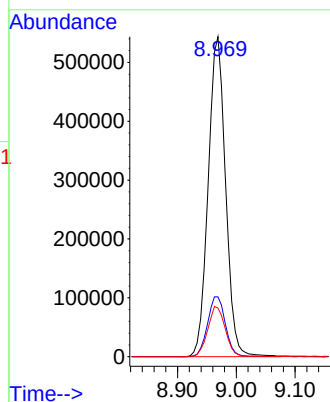
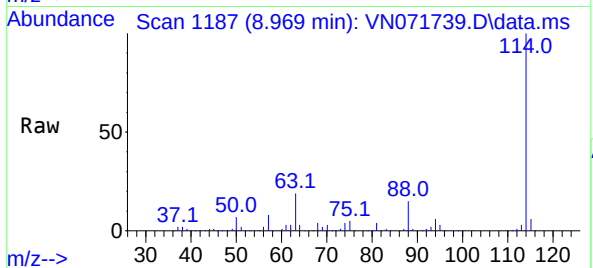
88 15.2 0.0 32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.455 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071739.D

Acq: 01 Apr 2022 06:05

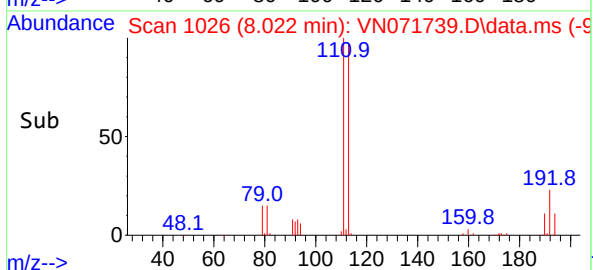
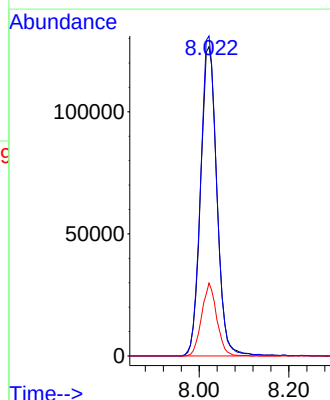
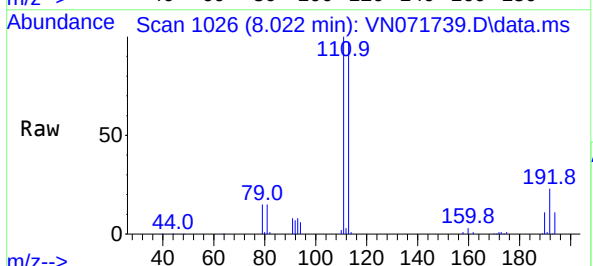
Tgt Ion:113 Resp: 318493

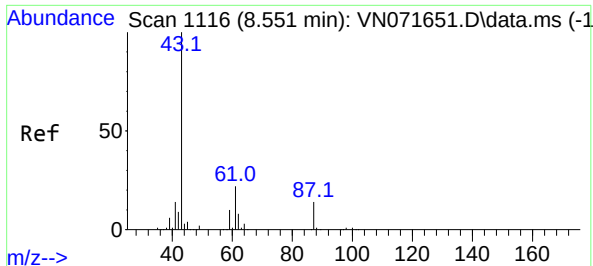
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

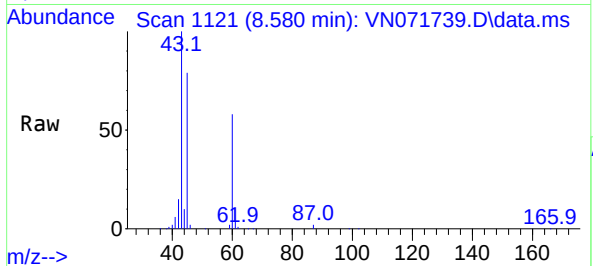
192 21.9 17.0 25.6





#43
Isopropyl Acetate
Concen: 8.754 ug/l m
RT: 8.580 min Scan# 1116
Delta R.T. 0.029 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05

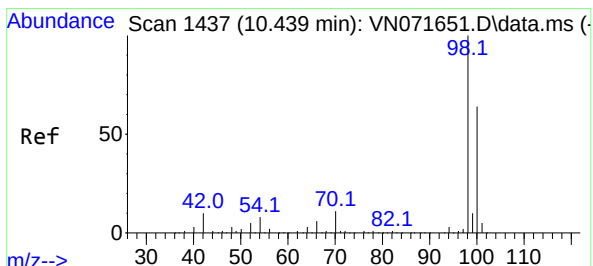
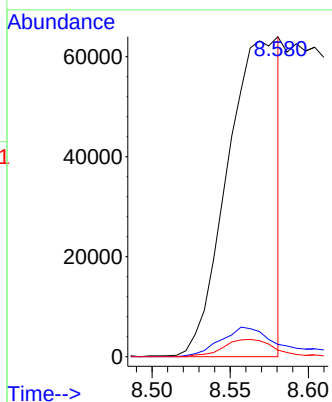
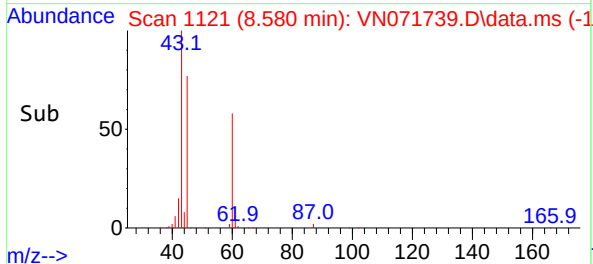
Instrument :
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ClientSampleId :
MHE



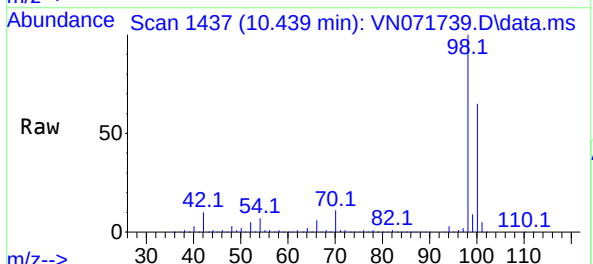
Tgt Ion: 43 Resp: 146280
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9
87 0.0 12.0 18.0

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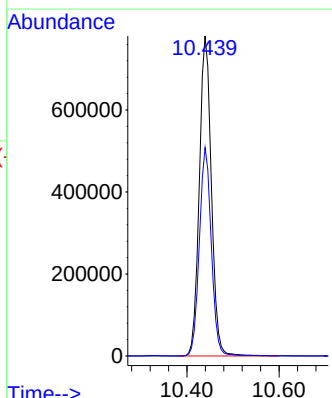
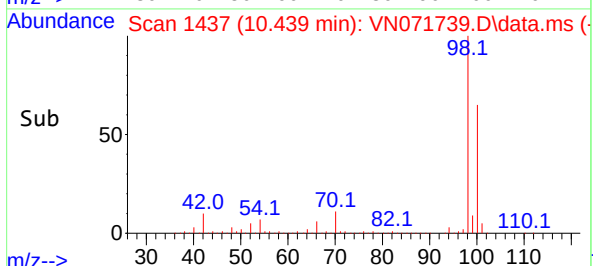
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

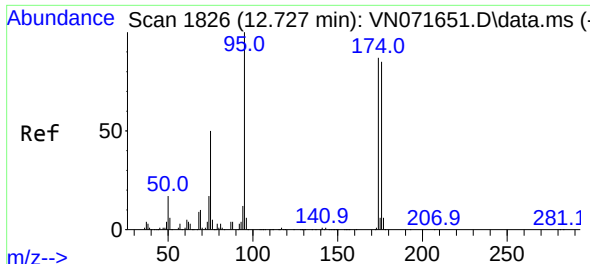


#50
Toluene-d8
Concen: 52.974 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05



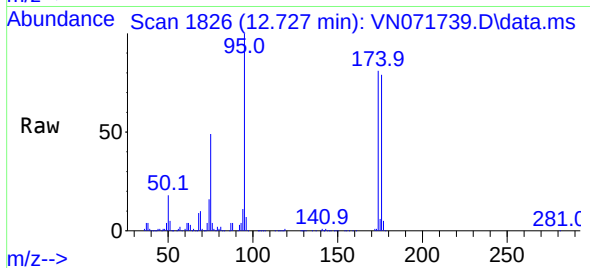
Tgt Ion: 98 Resp: 1424389
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 53.528 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05

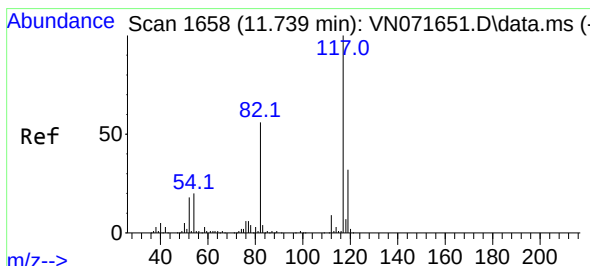
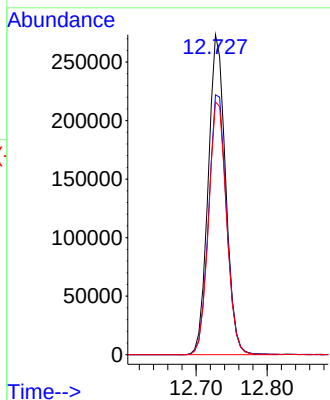
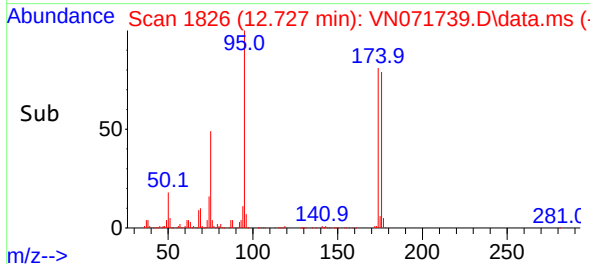
Instrument :
MSVOA_N
ClientSampleId :
MHE



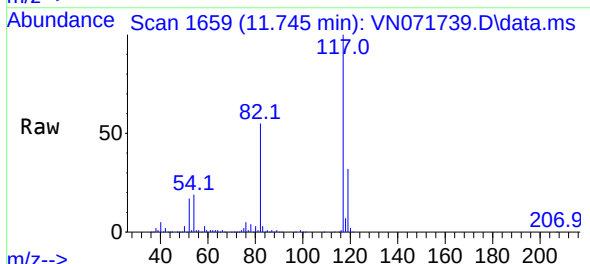
Tgt Ion: 95 Resp: 465483
Ion Ratio Lower Upper
95 100
174 83.3 0.0 167.6
176 81.0 0.0 163.4

Manual Integrations
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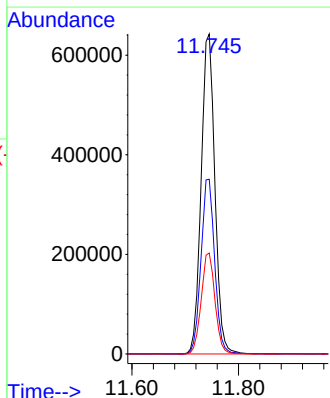
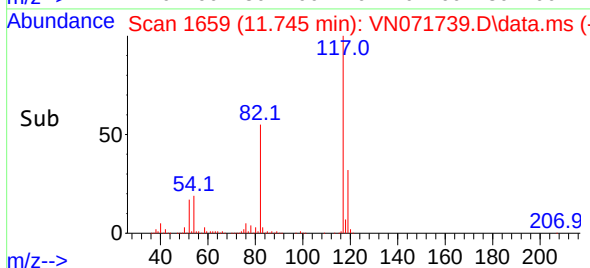
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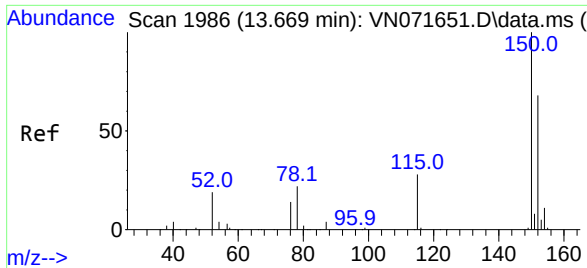


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071739.D
Acq: 01 Apr 2022 06:05



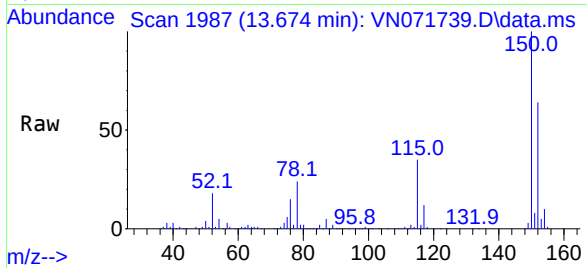
Tgt Ion:117 Resp: 1147835
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.005 min
 Lab File: VN071739.D
 Acq: 01 Apr 2022 06:05

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 409129
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.7
 150 156.5 0.0 356.2

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