

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071813.D
 Acq On : 02 Apr 2022 21:22
 Operator : JC\MD
 Sample : N2244-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-BD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 01:10:19 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	8.081	168	663818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1132853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1162600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	447019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	381655	50.362	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.720%			
35) Dibromofluoromethane	8.022	113	320821	48.127	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.260%			
50) Toluene-d8	10.439	98	1436434	52.675	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.340%			
62) 4-Bromofluorobenzene	12.727	95	500429	56.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.480%			
Target Compounds					Qvalue	
16) Acetone	4.293	43	6498	2.006	ug/l #	86
17) Carbon Disulfide	4.551	76	16400m	1.305	ug/l	
27) cis-1,2-Dichloroethene	7.328	96	84480	11.453	ug/l	88
40) Benzene	8.463	78	7148	0.243	ug/l	98
44) Trichloroethene	9.216	130	18985	2.506	ug/l	99
52) Toluene	10.504	92	18003	0.968	ug/l	97
64) Tetrachloroethene	10.974	164	19538	2.545	ug/l	95
67) Ethyl Benzene	11.839	91	60643	1.539	ug/l	99
68) m/p-Xylenes	11.951	106	32832	2.168	ug/l	100
69) o-Xylene	12.274	106	71922	4.785	ug/l	98
73) Isopropylbenzene	12.580	105	11578	0.307	ug/l	98
78) n-propylbenzene	12.916	91	29900	0.755	ug/l	97
79) 2-Chlorotoluene	13.004	91	24260	0.955	ug/l	85
80) 1,3,5-Trimethylbenzene	13.057	105	17728	0.594	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	62732	2.154	ug/l	97
95) Naphthalene	15.509	128	26150	4.990	ug/l	98

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

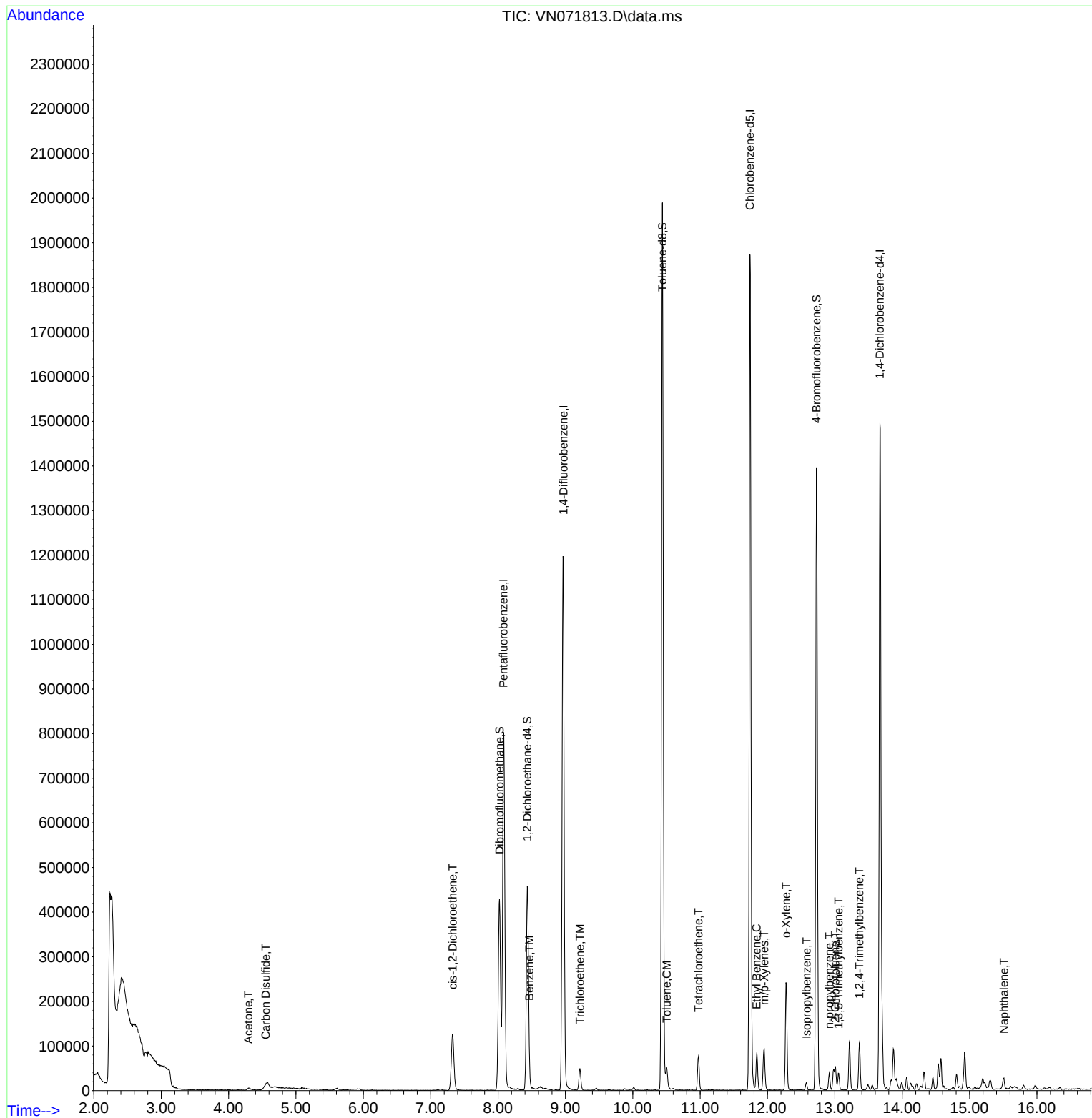
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071813.D
Acq On : 02 Apr 2022 21:22
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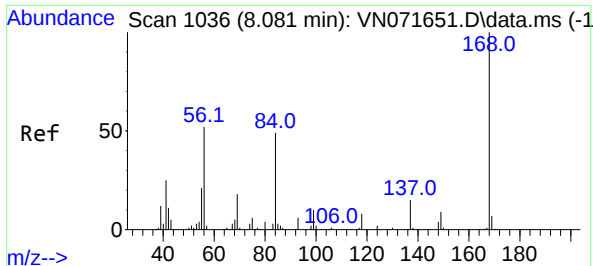
Instrument :
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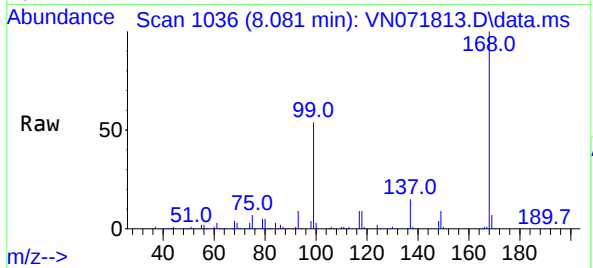
Quant Time: Apr 04 01:10:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

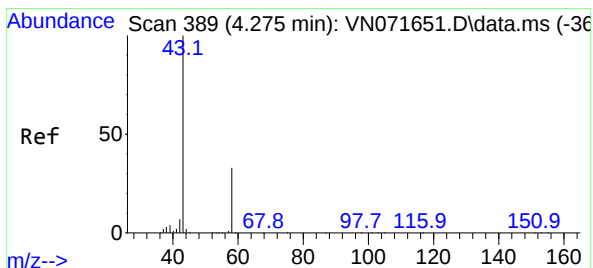
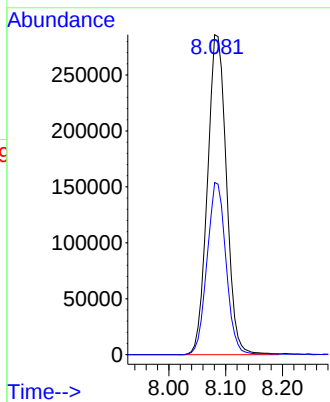
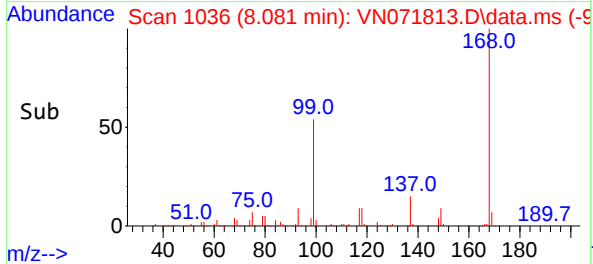
Instrument :
MSVOA_N
ClientSampleId :
MW-4-BD



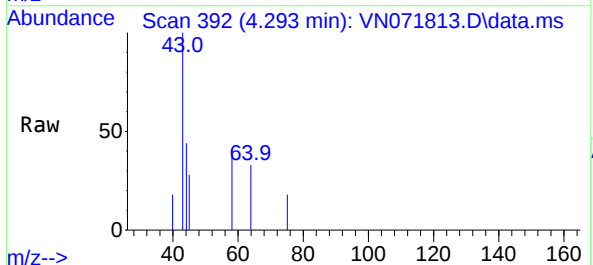
Tgt Ion:168 Resp: 663818
Ion Ratio Lower Upper
168 100
99 53.8 42.3 63.5

Manual Integrations
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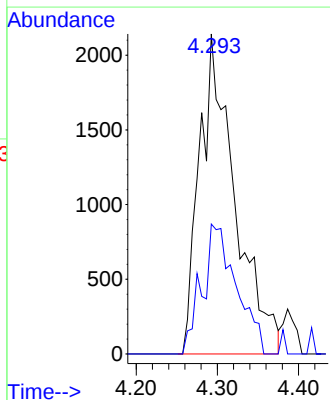
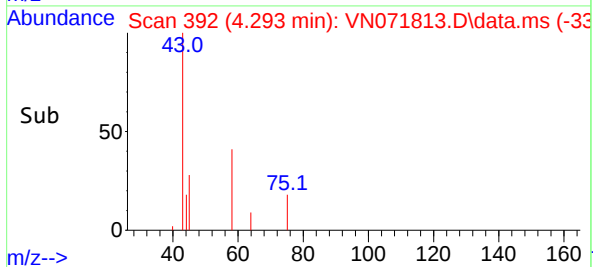
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

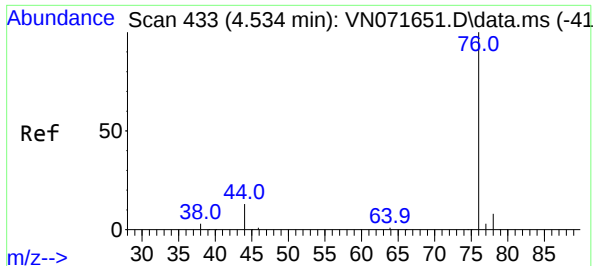


#16
Acetone
Concen: 2.006 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22



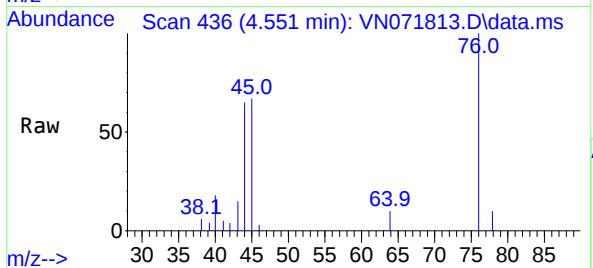
Tgt Ion: 43 Resp: 6498
Ion Ratio Lower Upper
43 100
58 40.6 26.0 39.0#





#17
Carbon Disulfide
Concen: 1.305 ug/l m
RT: 4.551 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

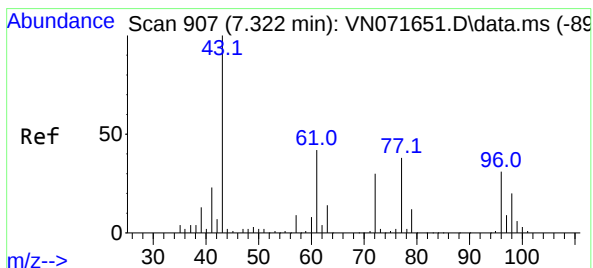
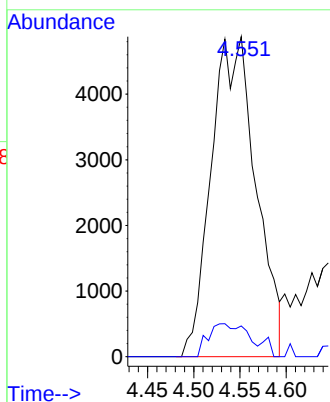
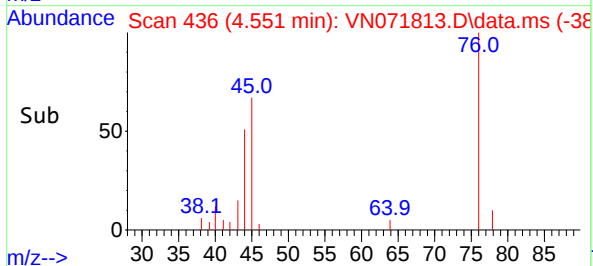
Instrument :
MSVOA_N
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MW-4-BD



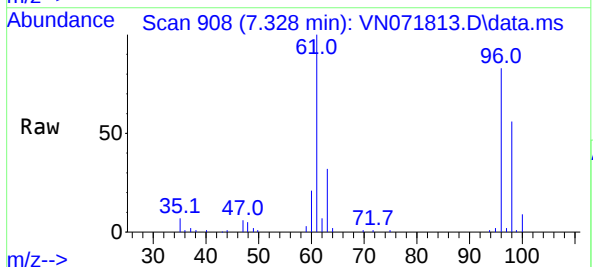
Tgt Ion: 76 Resp: 16400
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

Manual Integrations
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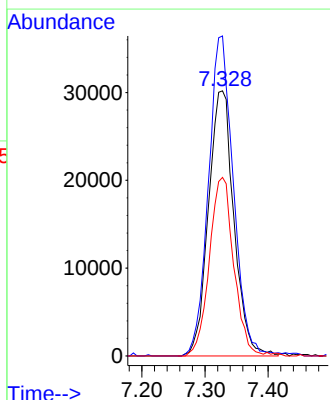
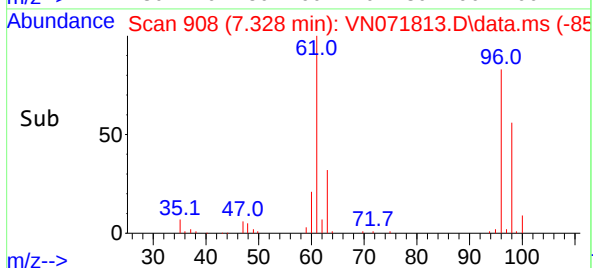
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

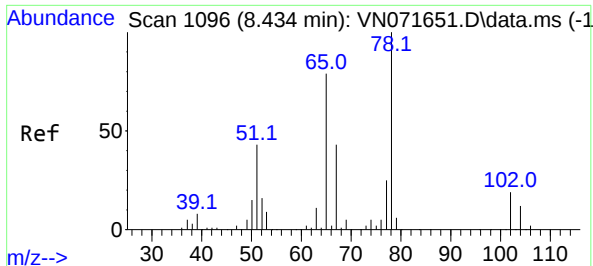


#27
cis-1,2-Dichloroethene
Concen: 11.453 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22



Tgt Ion: 96 Resp: 84480
Ion Ratio Lower Upper
96 100
61 118.3 0.0 280.6
98 64.2 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 50.362 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071813.D

Acq: 02 Apr 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

MW-4-BD

Tgt Ion: 65 Resp: 38165

Ion Ratio Lower Upper

65 100

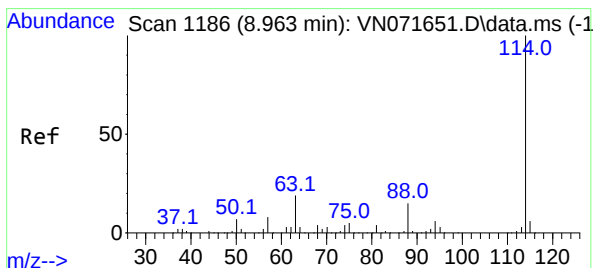
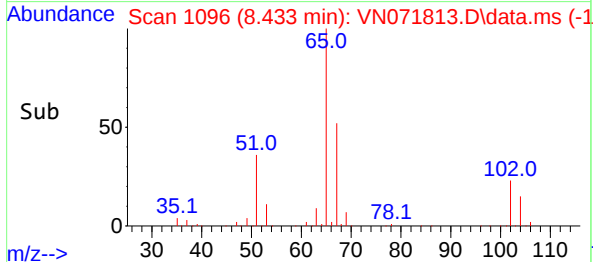
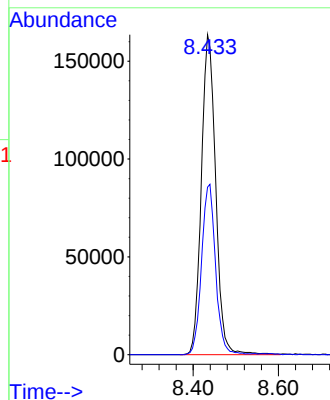
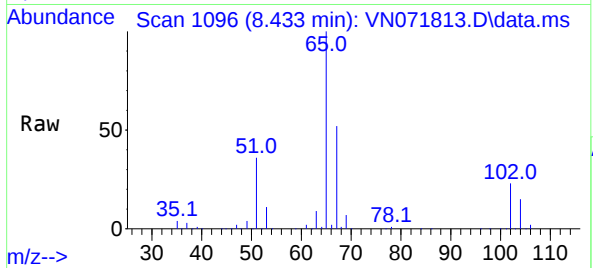
67 52.0 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN071813.D

Acq: 02 Apr 2022 21:22

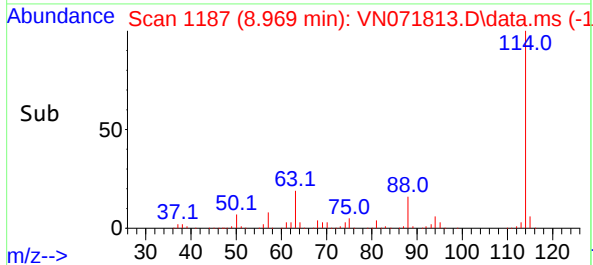
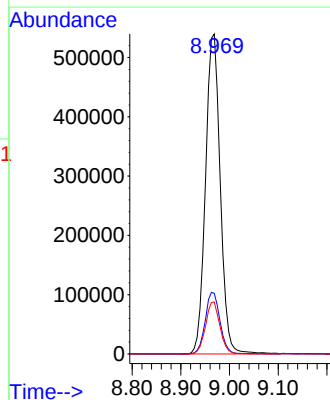
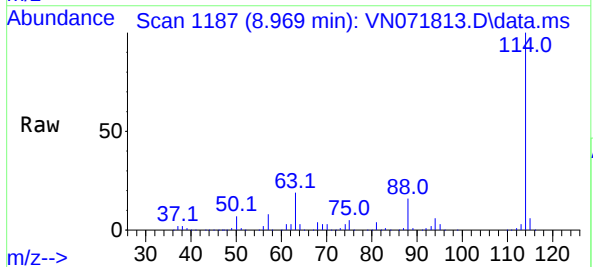
Tgt Ion:114 Resp: 1132853

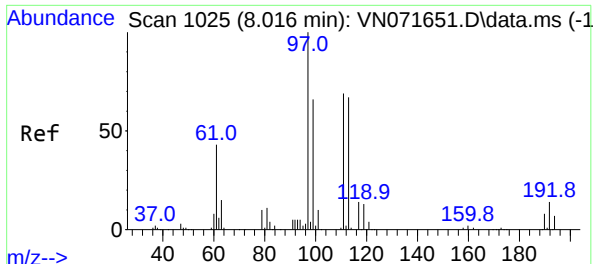
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

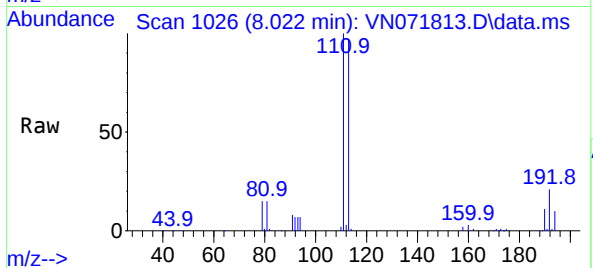
88 16.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.127 ug/l
RT: 8.022 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

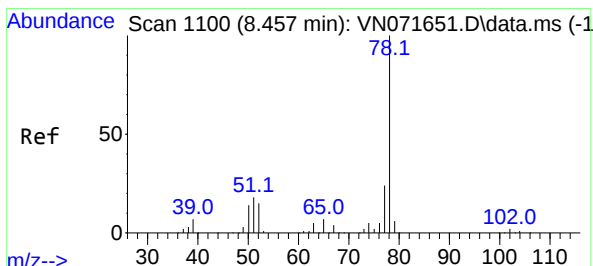
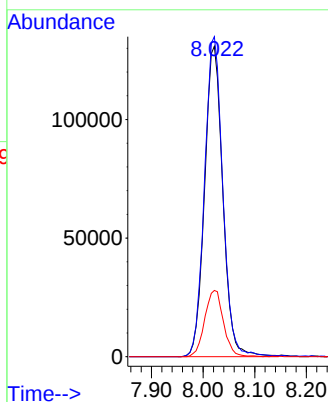
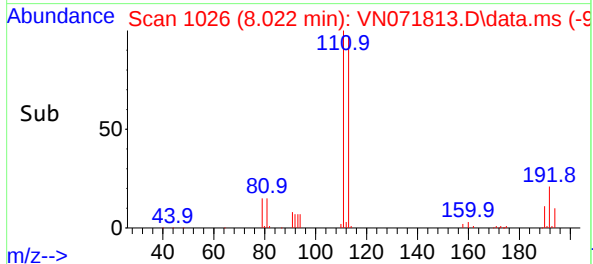
Instrument :
MSVOA_N
ClientSampleId :
MW-4-BD



Tgt Ion:113 Resp: 32082
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 22.0 17.0 25.6

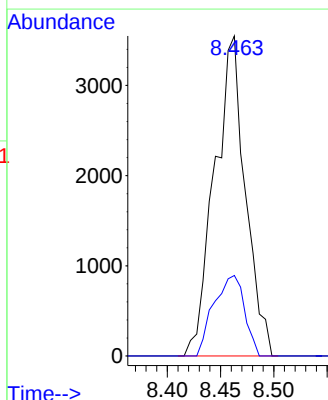
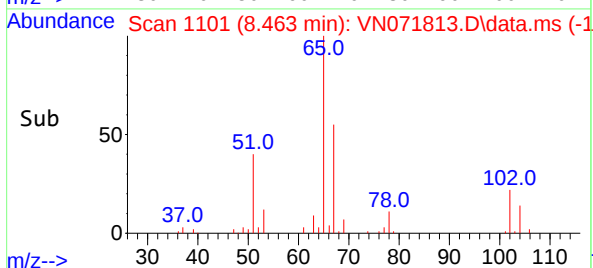
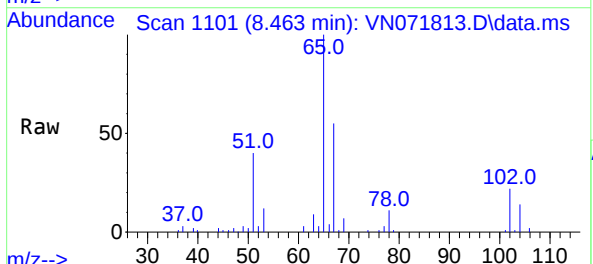
Manual Integrations
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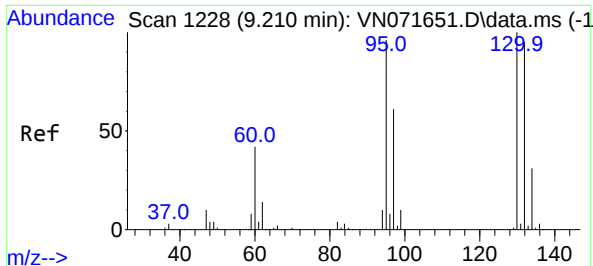
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#40
Benzene
Concen: 0.243 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Tgt Ion: 78 Resp: 7148
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0





#44

Trichloroethene

Concen: 2.506 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VN071813.D

Acq: 02 Apr 2022 21:22

Instrument :

MSVOA_N

ClientSampleId :

MW-4-BD

Tgt Ion:130 Resp: 1898

Ion Ratio Lower Upper

130 100

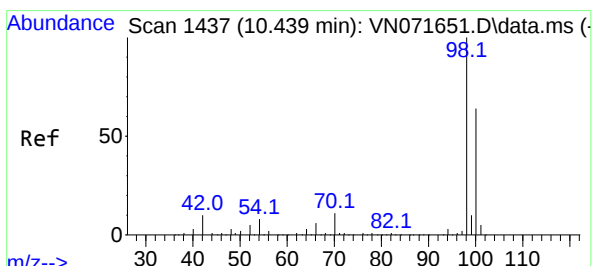
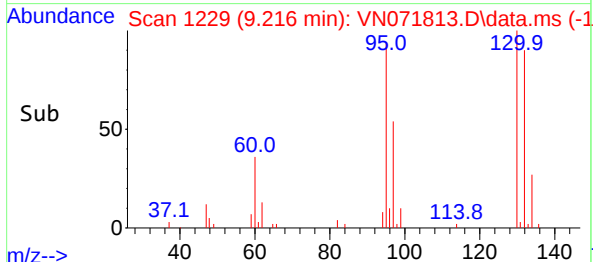
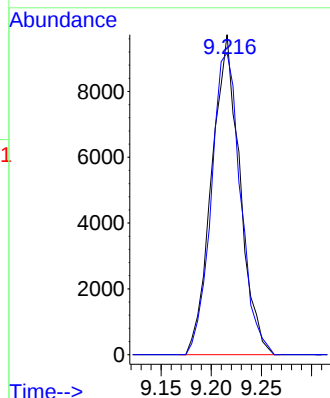
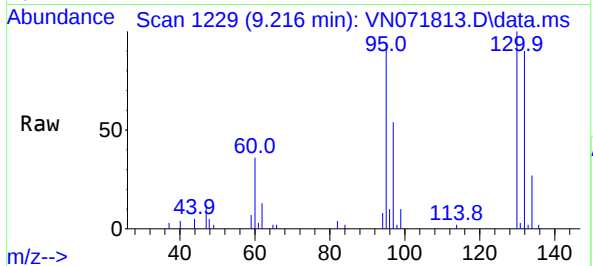
95 94.3 0.0 186.8

Manual Integrations

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#50

Toluene-d8

Concen: 52.675 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071813.D

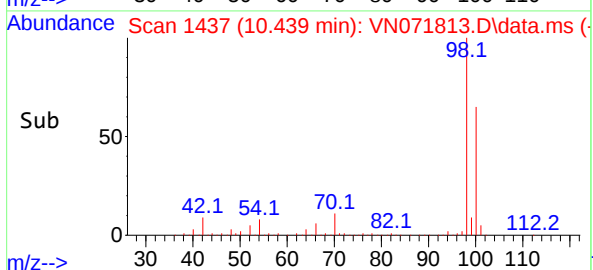
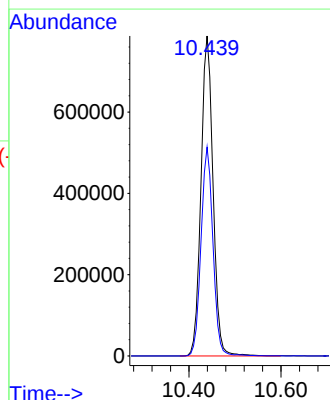
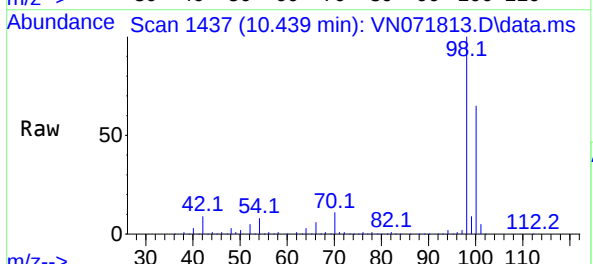
Acq: 02 Apr 2022 21:22

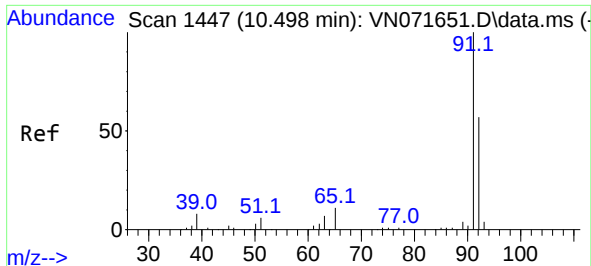
Tgt Ion: 98 Resp: 1436434

Ion Ratio Lower Upper

98 100

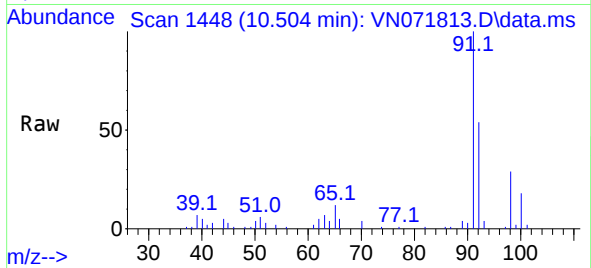
100 64.7 52.6 78.8





#52
Toluene
Concen: 0.968 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

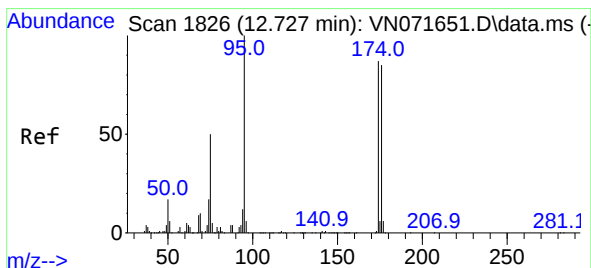
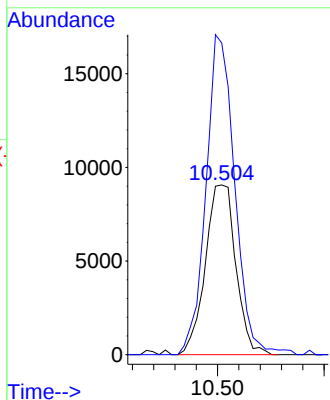
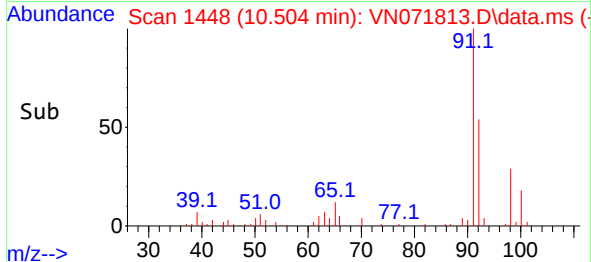
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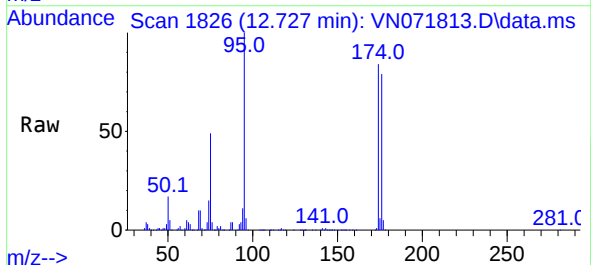
Tgt Ion: 92 Resp: 1800
Ion Ratio Lower Upper
92 100
91 177.8 138.6 207.8

Manual Integrations
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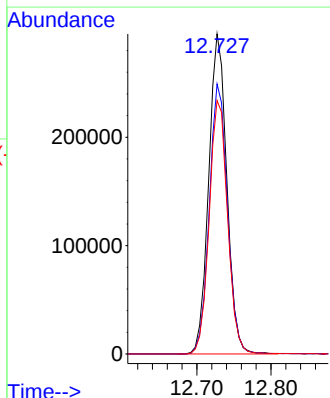
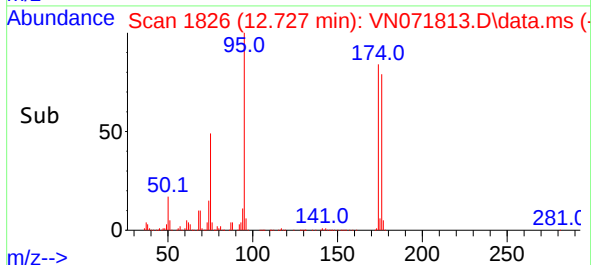
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

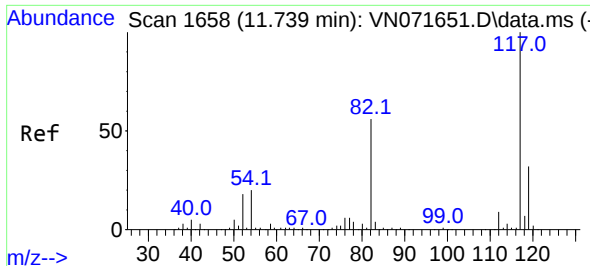


#62
4-Bromofluorobenzene
Concen: 56.741 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22



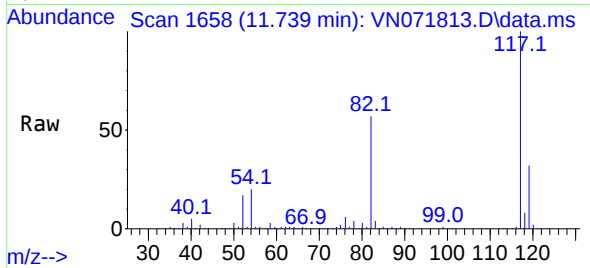
Tgt Ion: 95 Resp: 500429
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.6
176 80.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

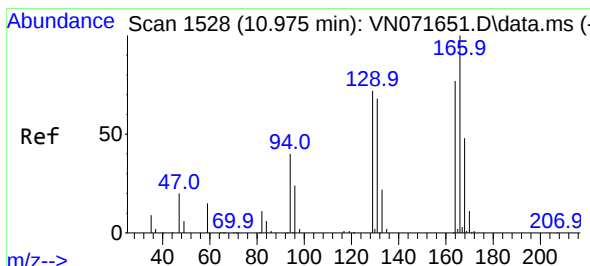
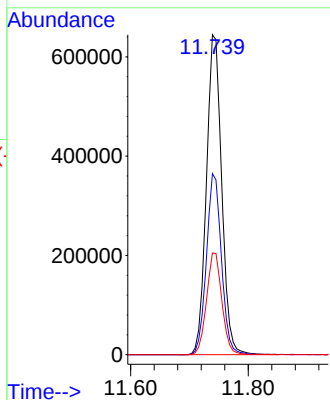
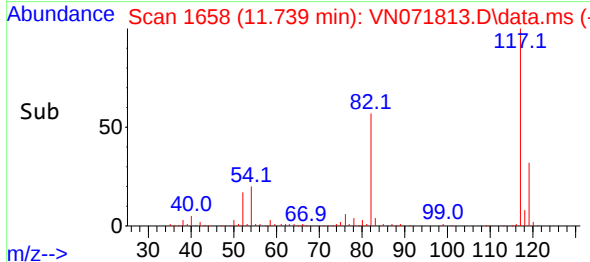
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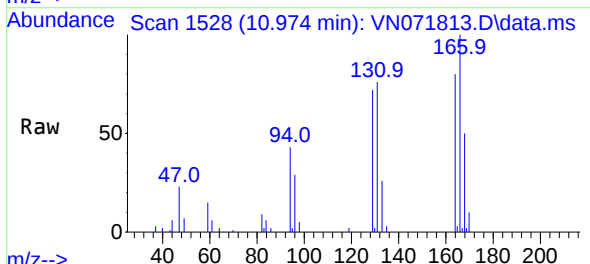
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Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
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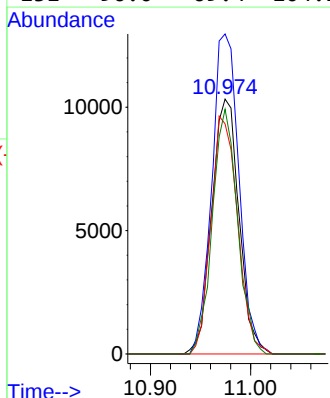
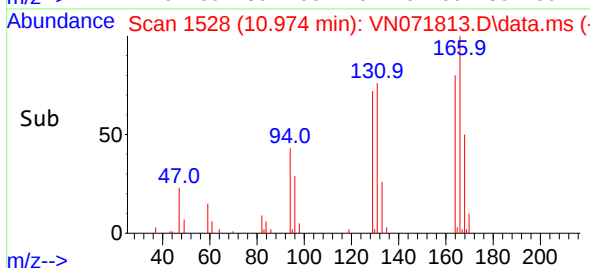
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

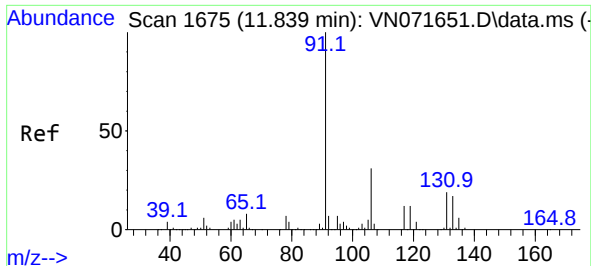


#64
Tetrachloroethene
Concen: 2.545 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22



Tgt Ion:164 Resp: 19538
Ion Ratio Lower Upper
164 100
166 125.5 104.2 156.2
129 90.2 73.9 110.9
131 96.0 69.4 104.2





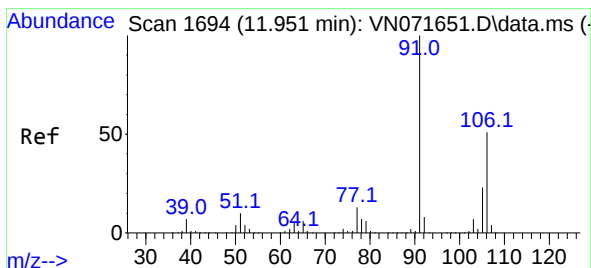
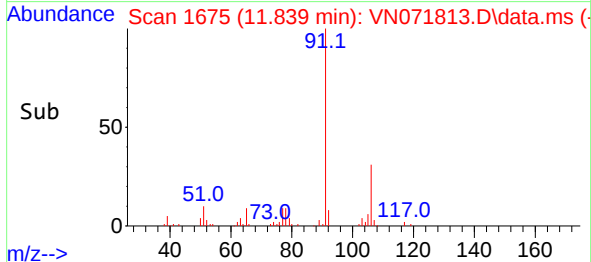
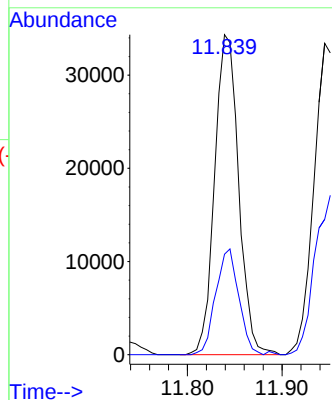
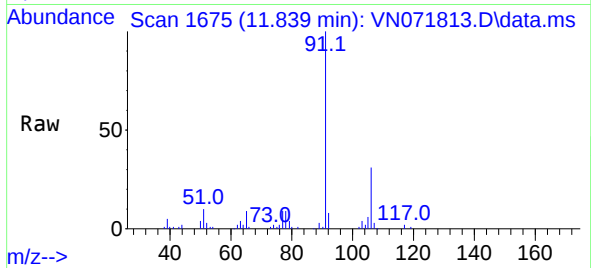
#67
Ethyl Benzene
Concen: 1.539 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
MW-4-BD

Tgt Ion: 91 Resp: 6064
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

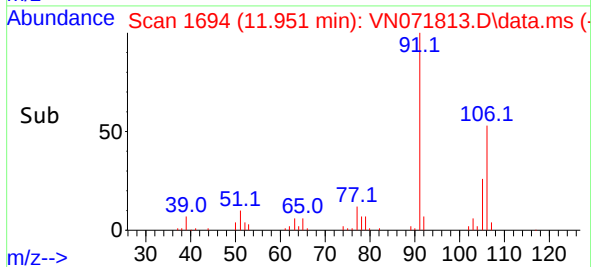
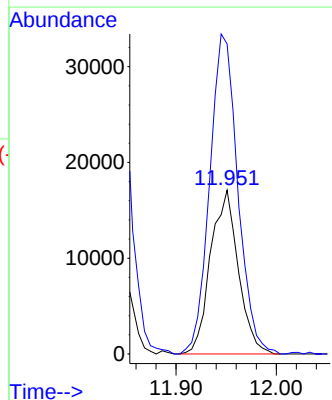
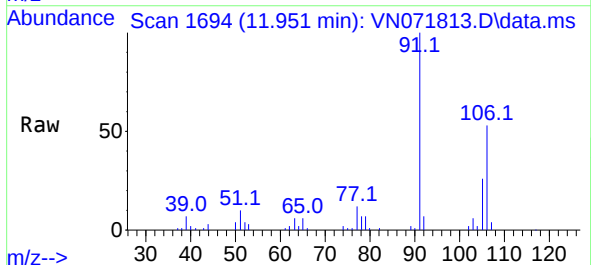
Manual Integrations
APPROVED

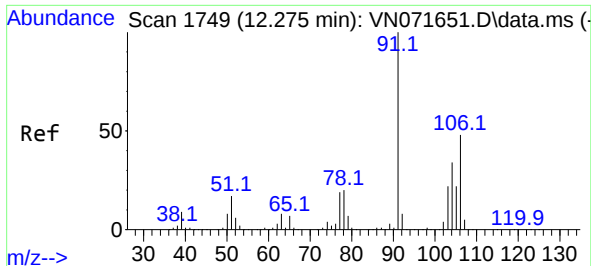
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#68
m/p-Xylenes
Concen: 2.168 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Tgt Ion:106 Resp: 32832
Ion Ratio Lower Upper
106 100
91 198.0 158.9 238.3





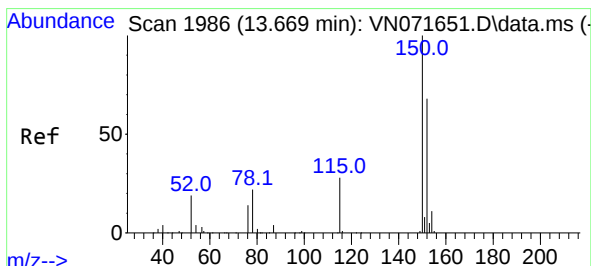
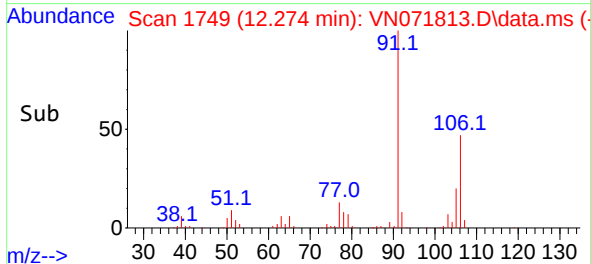
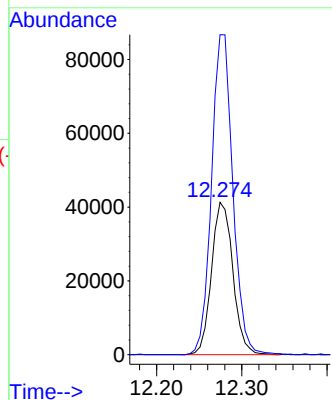
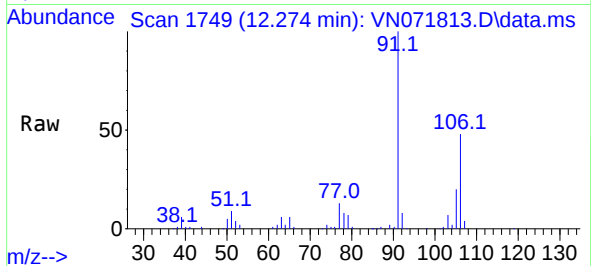
#69
o-Xylene
Concen: 4.785 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
MW-4-BD

Tgt Ion:106 Resp: 7192
Ion Ratio Lower Upper
106 100
91 209.6 106.0 318.0

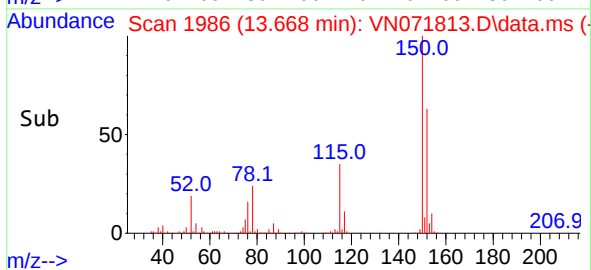
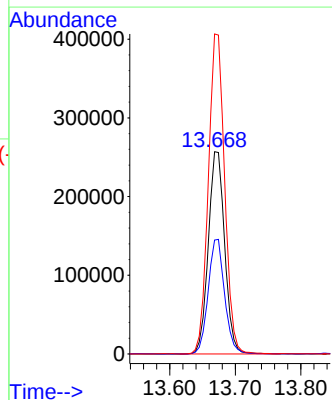
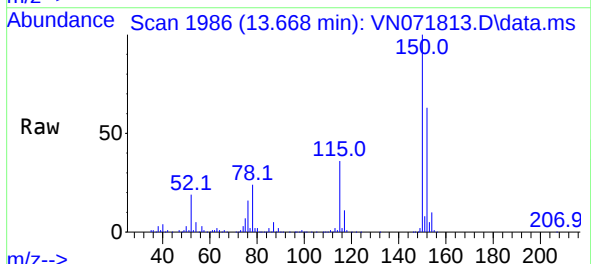
Manual Integrations
APPROVED

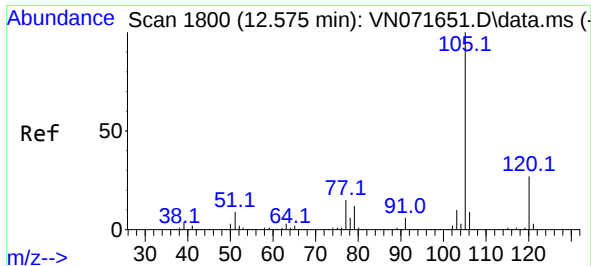
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Tgt Ion:152 Resp: 447019
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 157.5 0.0 356.2





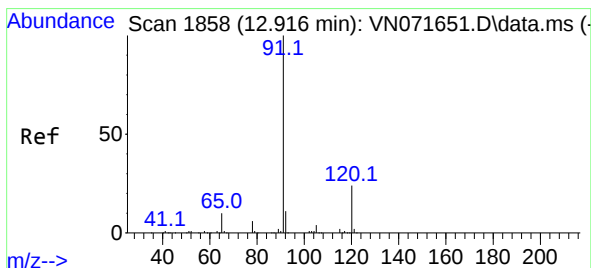
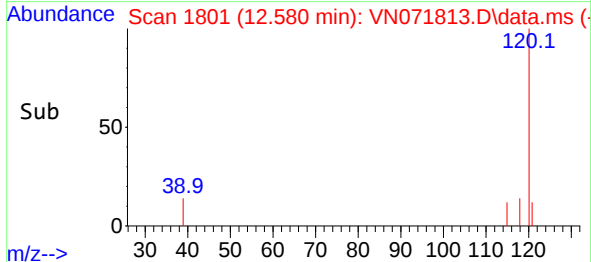
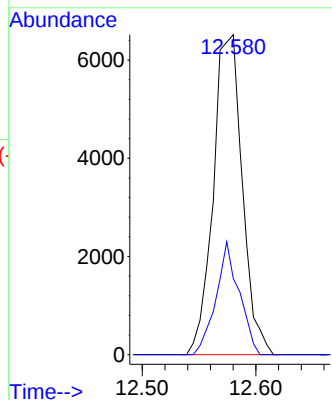
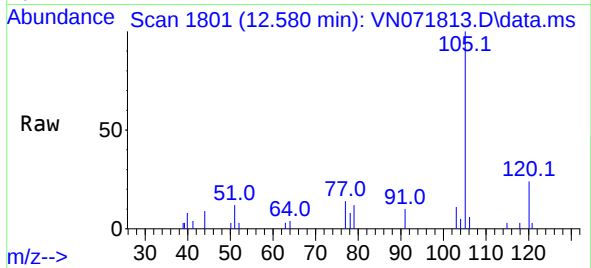
#73
Isopropylbenzene
Concen: 0.307 ug/l
RT: 12.580 min Scan# 1800
Delta R.T. 0.005 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
MW-4-BD

Tgt Ion: 105 Resp: 11578
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.4

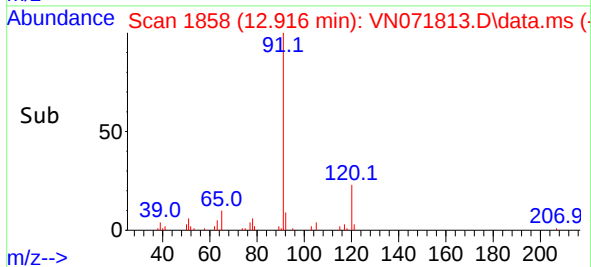
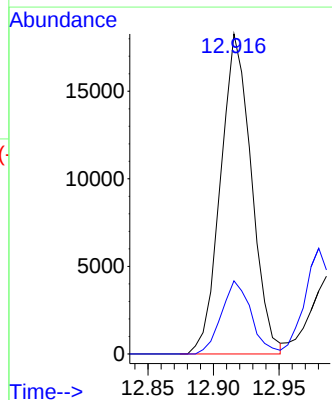
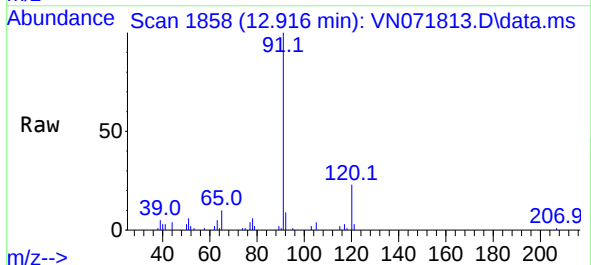
Manual Integrations
APPROVED

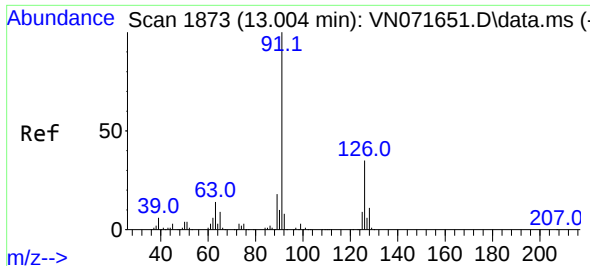
Reviewed By : John Carlone 04/04/2022
Supervised By : Mahesh Dadoda 04/05/2022



#78
n-propylbenzene
Concen: 0.755 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Tgt Ion: 91 Resp: 29900
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





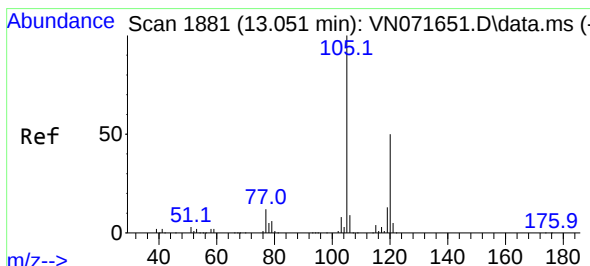
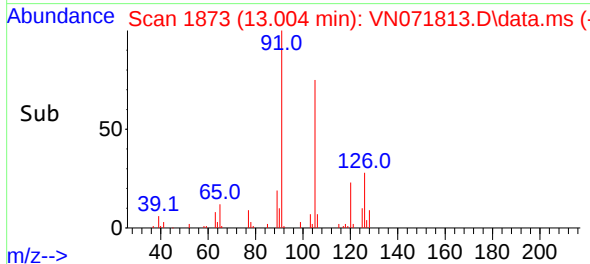
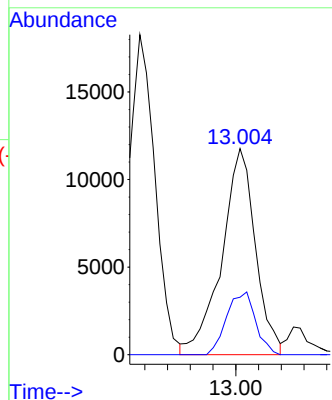
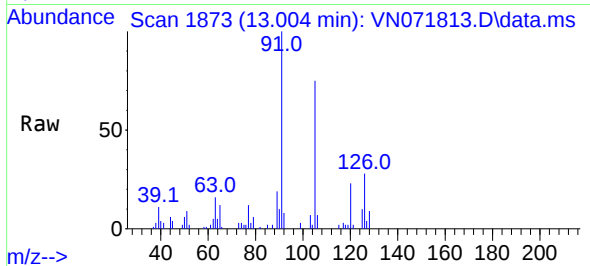
#79
2-Chlorotoluene
Concen: 0.955 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
MW-4-BD

Tgt Ion: 91 Resp: 24260
Ion Ratio Lower Upper
91 100
126 26.0 17.3 51.9

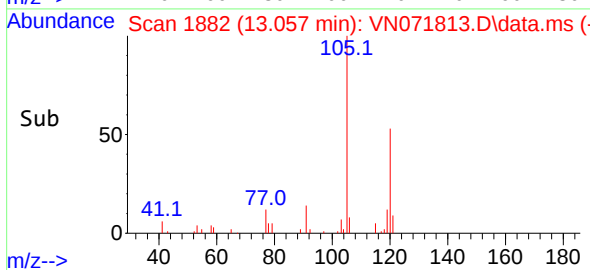
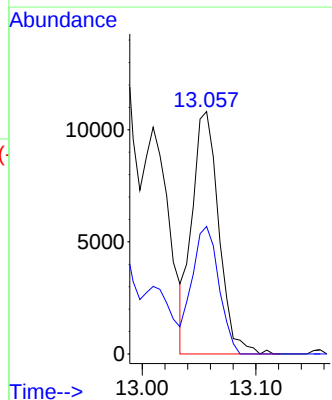
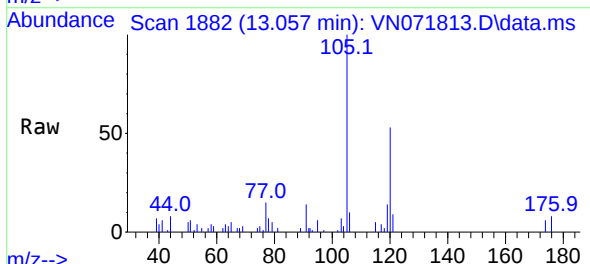
Manual Integrations
APPROVED

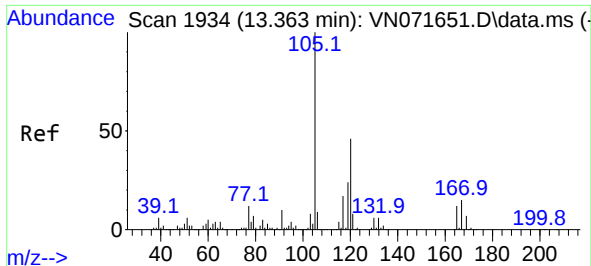
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.594 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

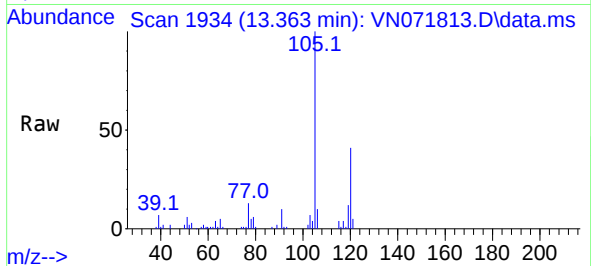
Tgt Ion:105 Resp: 17728
Ion Ratio Lower Upper
105 100
120 52.6 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 2.154 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22

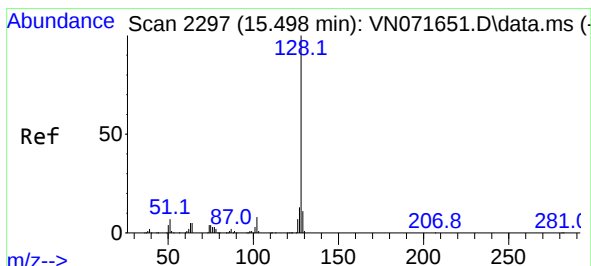
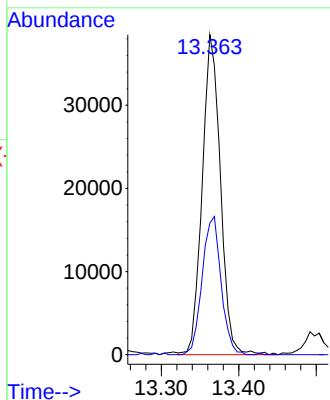
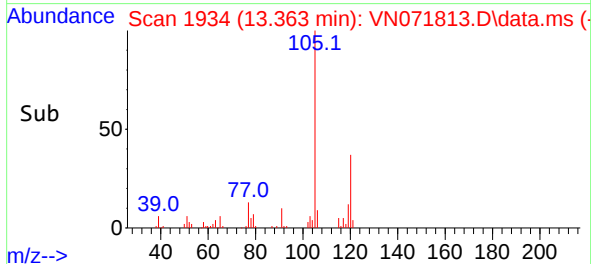
Instrument :
MSVOA_N
ClientSampleId :
MW-4-BD



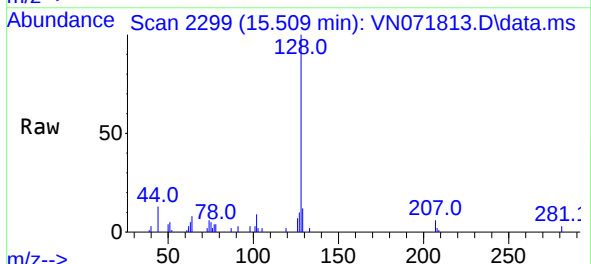
Tgt Ion:105 Resp: 62732
Ion Ratio Lower Upper
105 100
120 44.8 23.3 69.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#95
Naphthalene
Concen: 4.990 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN071813.D
Acq: 02 Apr 2022 21:22



Tgt Ion:128 Resp: 26150
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 10.3 8.6 13.0

