

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
 Data File : VN071395.D
 Acq On : 19 Mar 2022 14:06
 Operator : JC\MD
 Sample : N1947-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1728

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 21 05:51:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	802711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1360066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1301326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	509058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	522977	47.537	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.080%		
35) Dibromofluoromethane	8.022	113	393797	45.884	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.760%		
50) Toluene-d8	10.439	98	1711078	49.517	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.040%		
62) 4-Bromofluorobenzene	12.727	95	659986	56.402	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.800%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.369	59	47681	22.062	ug/l #	86
16) Acetone	4.251	43	47149417m	8808.105	ug/l	
20) Methylene Chloride	5.087	84	26141	3.033	ug/l	94
25) 2-Butanone	7.333	43	108498	12.582	ug/l	100
43) Isopropyl Acetate	8.557	43	125826	4.446	ug/l #	77
51) 4-Methyl-2-Pentanone	10.327	43	353813	20.145	ug/l	97
52) Toluene	10.504	92	7630011	299.073	ug/l	93
67) Ethyl Benzene	11.845	91	54607	1.105	ug/l	97
68) m/p-Xylenes	11.945	106	59569	3.295	ug/l	95
69) o-Xylene	12.280	106	40232	2.220	ug/l	91
84) 1,2,4-Trimethylbenzene	13.362	105	169624	4.638	ug/l	97
95) Naphthalene	15.504	128	354848	18.732	ug/l	99

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

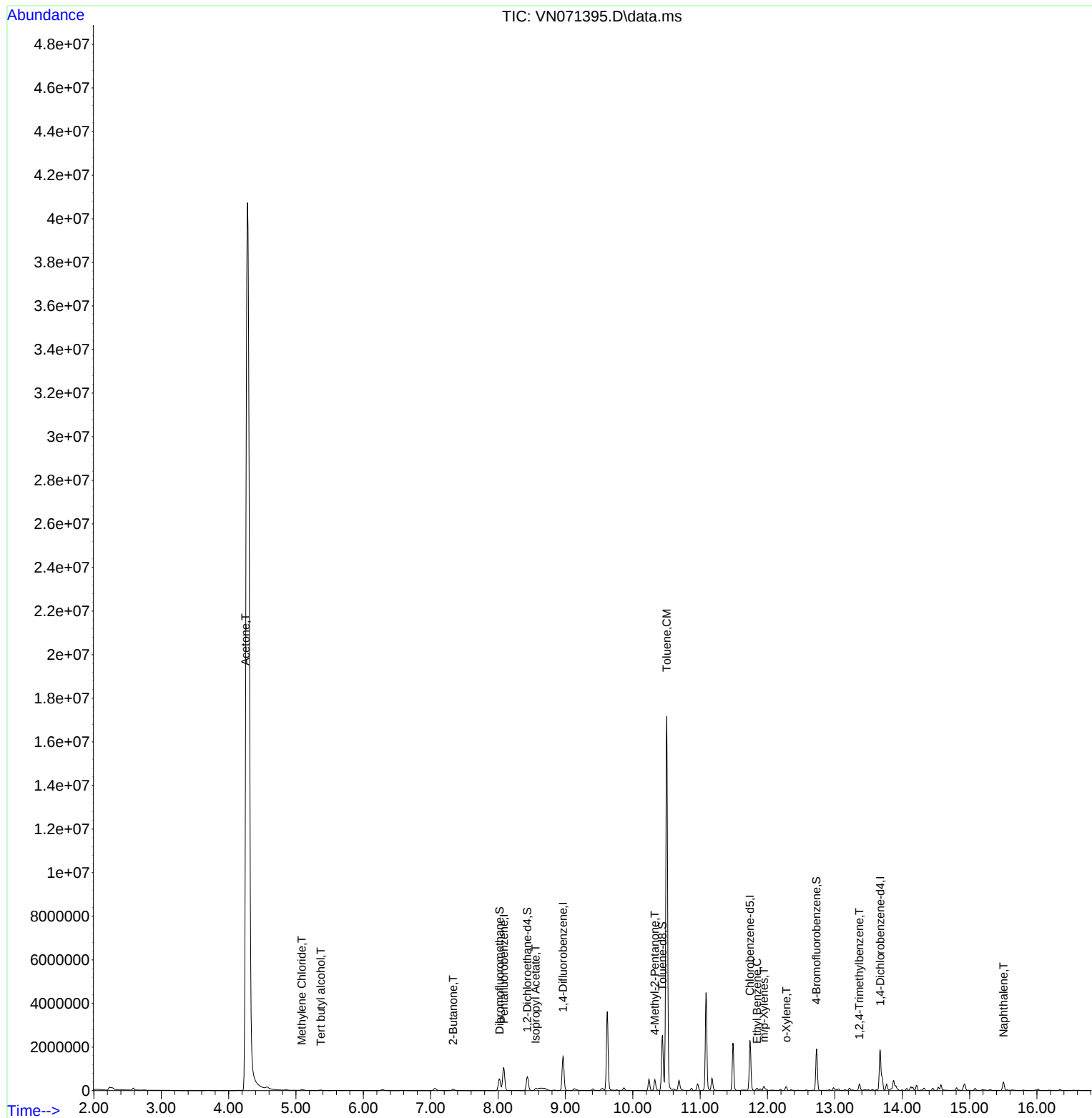
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031922\
Data File : VN071395.D
Acq On : 19 Mar 2022 14:06
Operator : JC\MD
Sample : N1947-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

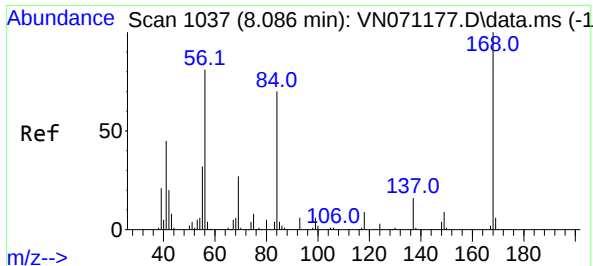
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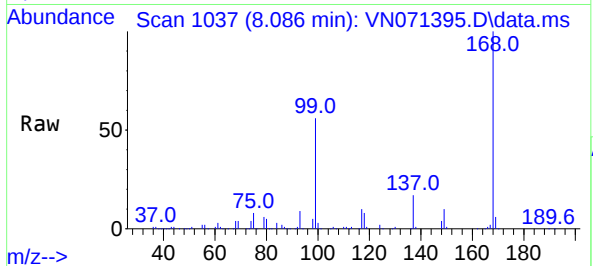
Quant Time: Mar 21 05:51:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

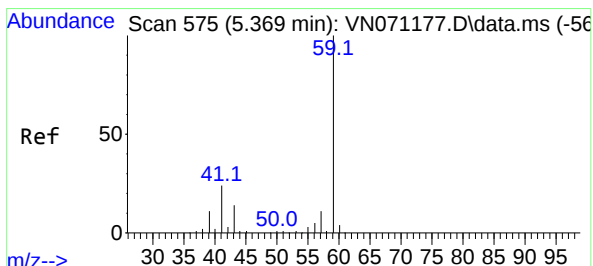
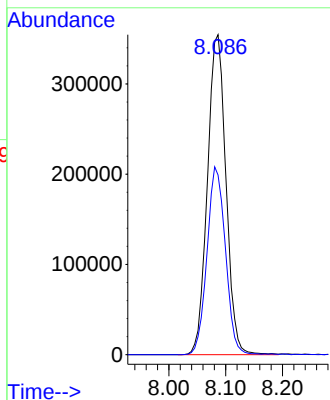
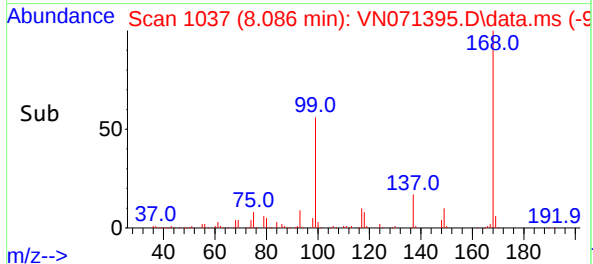
Instrument :
MSVOA_N
ClientSampleId :
NWB-1728



Tgt Ion:168 Resp: 80271
Ion Ratio Lower Upper
168 100
99 56.2 41.3 61.9

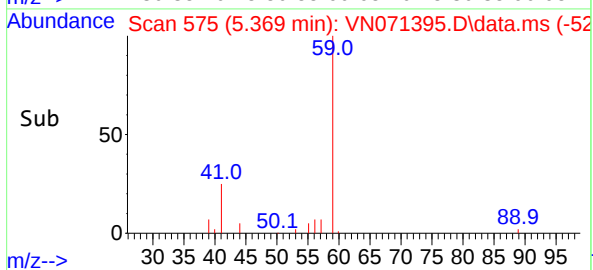
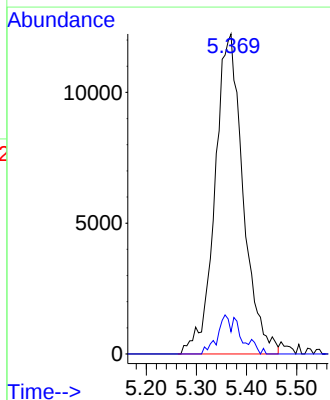
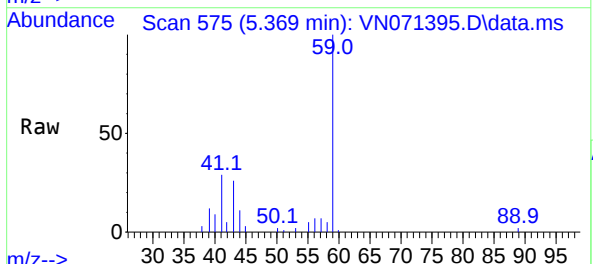
Manual Integrations
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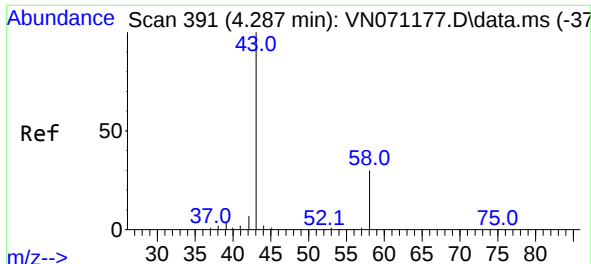
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#11
Tert butyl alcohol
Concen: 22.062 ug/l
RT: 5.369 min Scan# 575
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

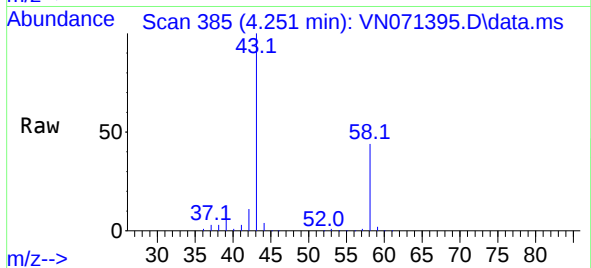
Tgt Ion: 59 Resp: 47681
Ion Ratio Lower Upper
59 100
57 5.6 8.7 13.1#





#16
Acetone
Concen: 8808.105 ug/l m
RT: 4.251 min Scan# 30
Delta R.T. -0.035 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

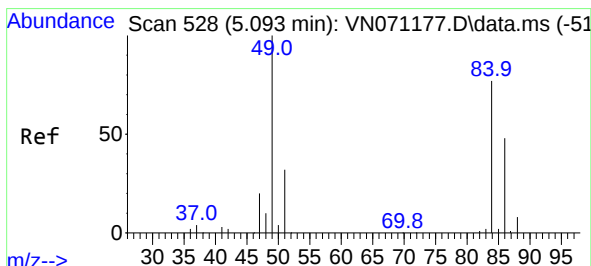
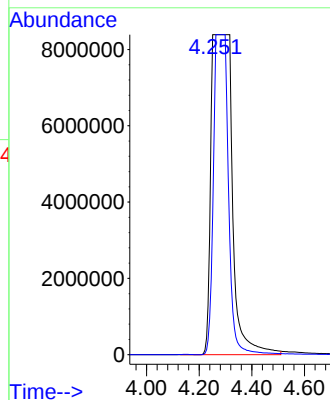
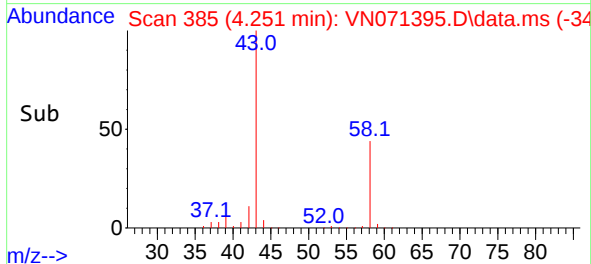
Instrument :
MSVOA_N
ClientSampleId :
NWB-1728



Tgt Ion: 43 Resp: 4714941
Ion Ratio Lower Upper
43 100
58 43.8 23.1 34.7

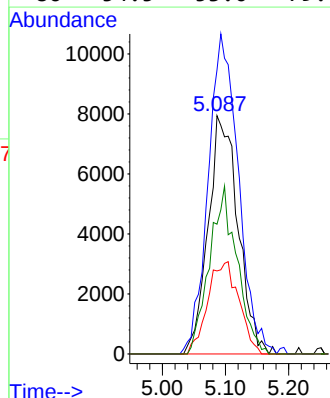
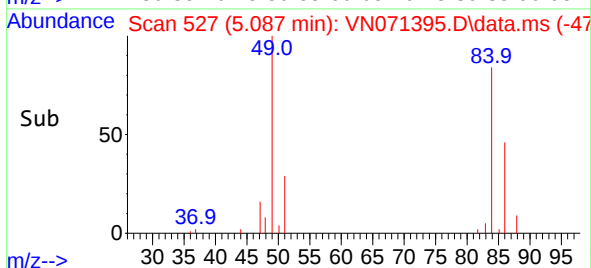
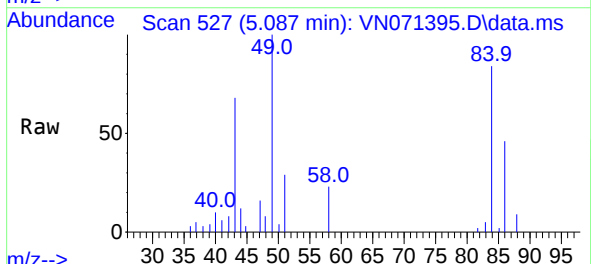
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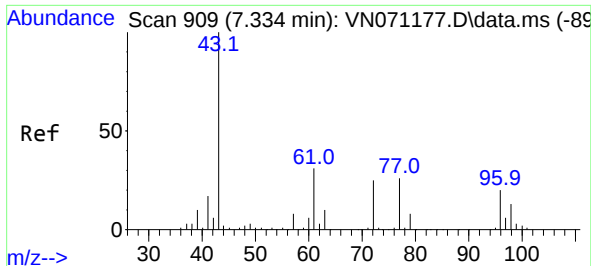
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#20
Methylene Chloride
Concen: 3.033 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

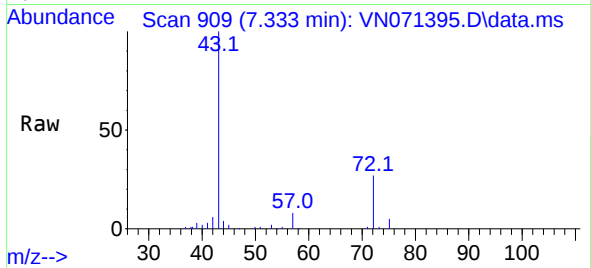
Tgt Ion: 84 Resp: 26141
Ion Ratio Lower Upper
84 100
49 119.2 93.5 140.3
51 34.9 29.4 44.2
86 54.5 53.0 79.4





#25
2-Butanone
Concen: 12.582 ug/l
RT: 7.333 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

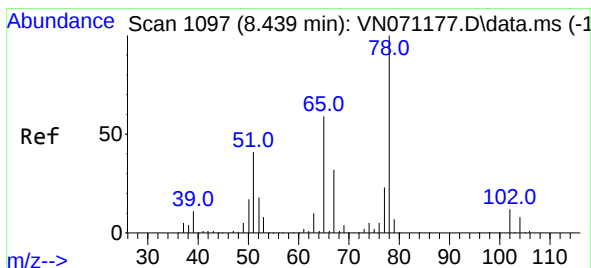
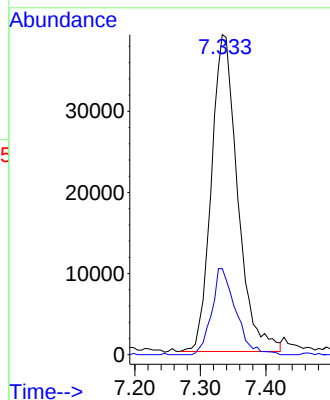
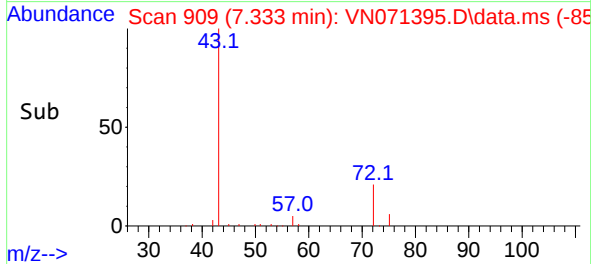
Instrument :
MSVOA_N
Client SampleId :
NWB-1728



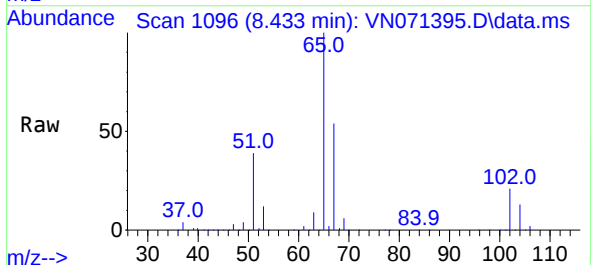
Tgt Ion: 43 Resp: 108498
Ion Ratio Lower Upper
43 100
72 27.2 21.7 32.5

Manual Integrations
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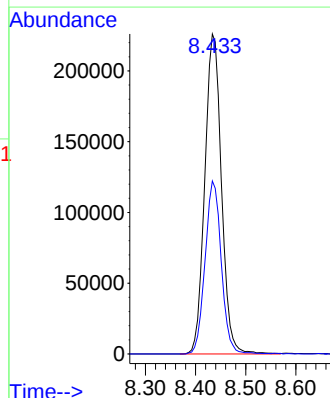
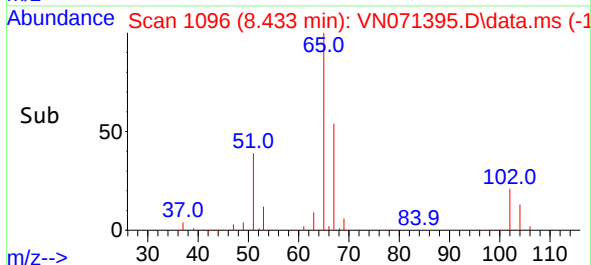
Reviewed By :John Carlone 03/21/2022
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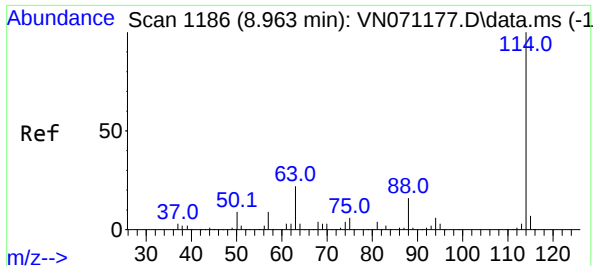


#33
1,2-Dichloroethane-d4
Concen: 47.537 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06



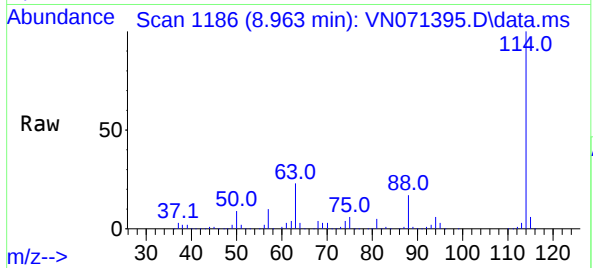
Tgt Ion: 65 Resp: 522977
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

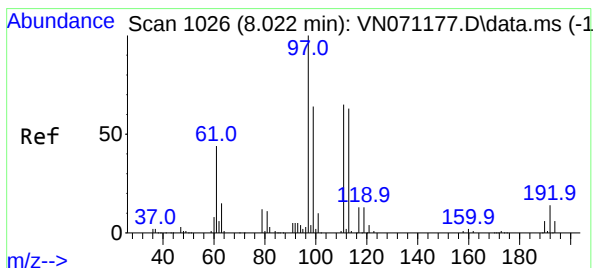
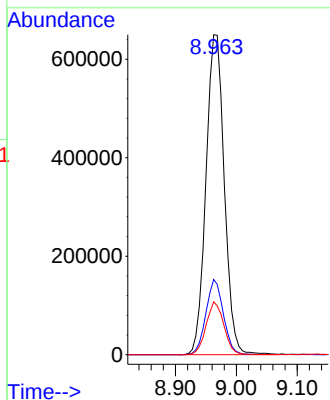
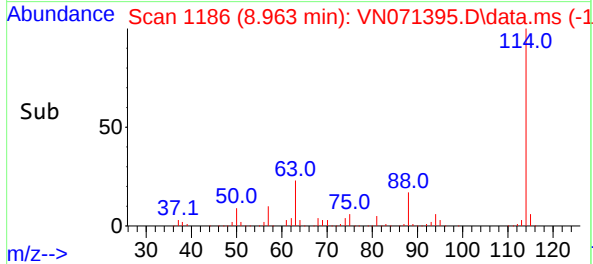
Instrument :
MSVOA_N
ClientSampleId :
NWB-1728



Tgt Ion:114 Resp: 1360060
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.6 0.0 27.4

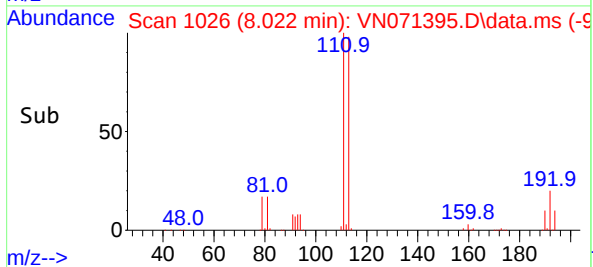
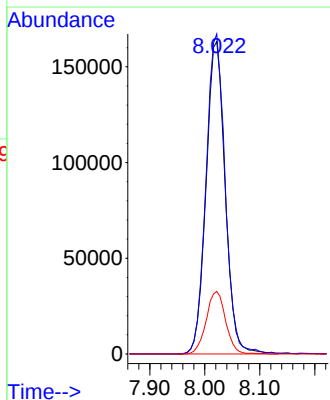
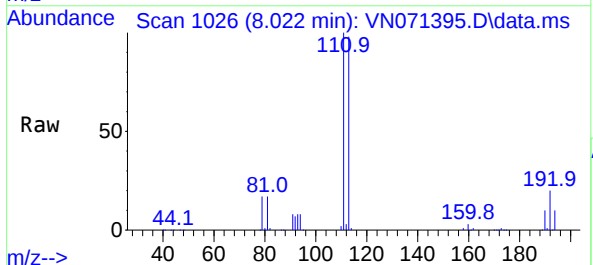
Manual Integrations
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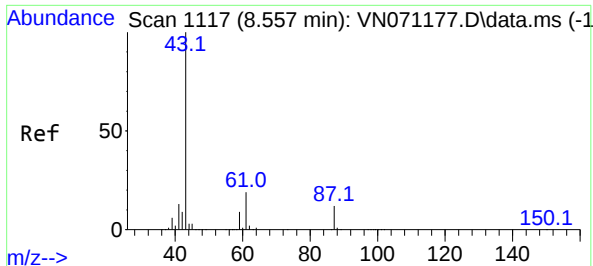
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#35
Dibromofluoromethane
Concen: 45.884 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

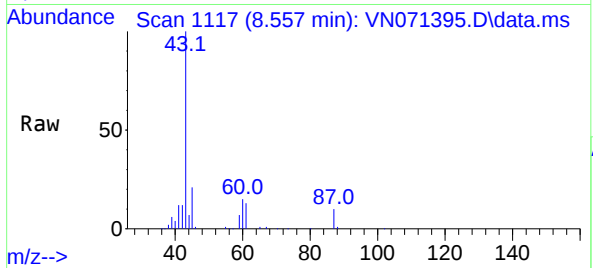
Tgt Ion:113 Resp: 393797
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.4 16.9 25.3





#43
Isopropyl Acetate
Concen: 4.446 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

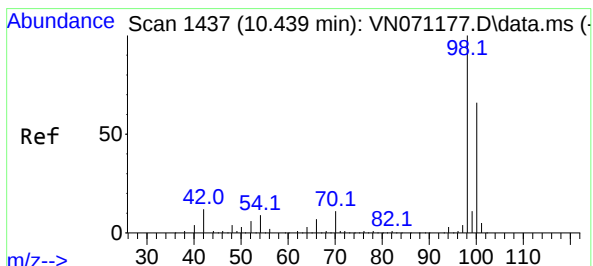
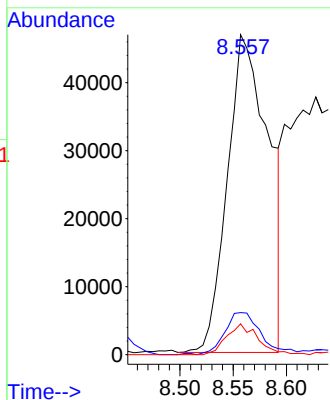
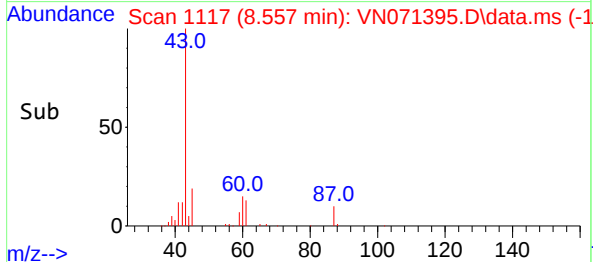
Instrument :
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ClientSampleId :
NWB-1728



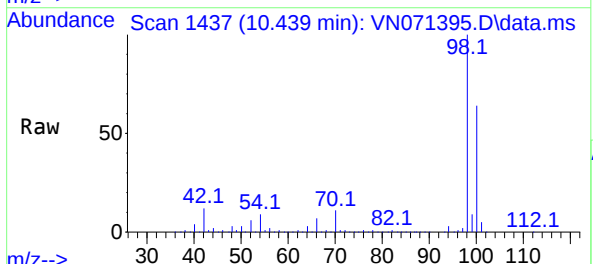
Tgt Ion: 43 Resp: 125820
Ion Ratio Lower Upper
43 100
61 11.7 20.4 30.6
87 7.4 11.2 16.8

Manual Integrations
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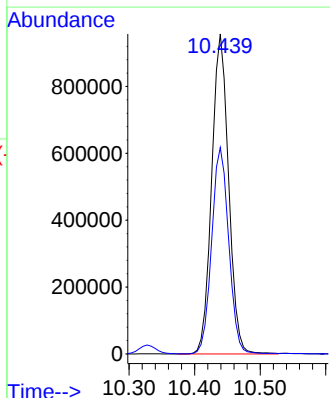
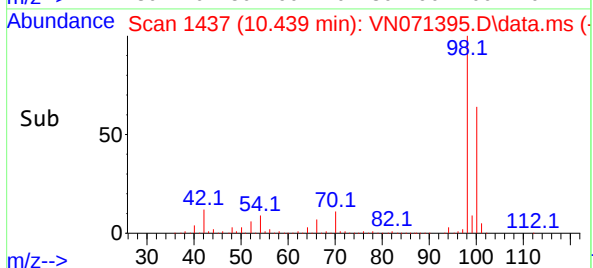
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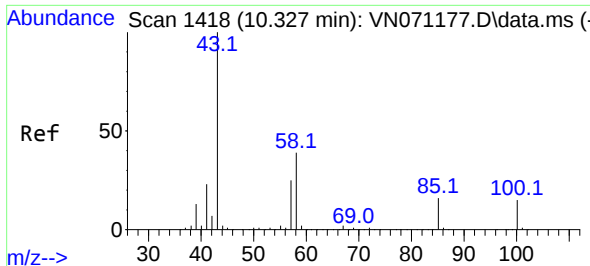


#50
Toluene-d8
Concen: 49.517 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06



Tgt Ion: 98 Resp: 1711078
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6





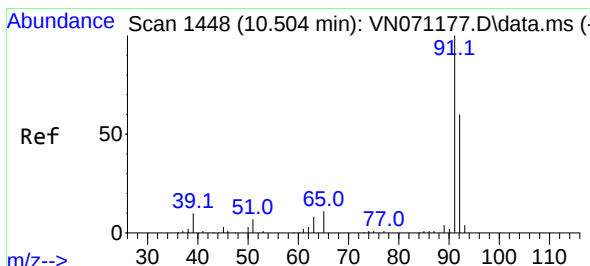
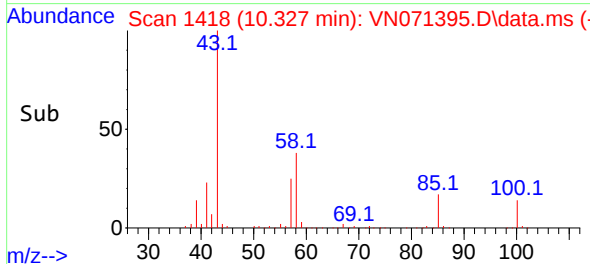
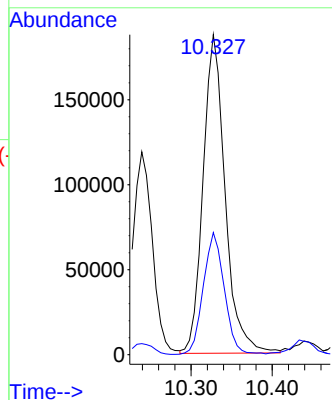
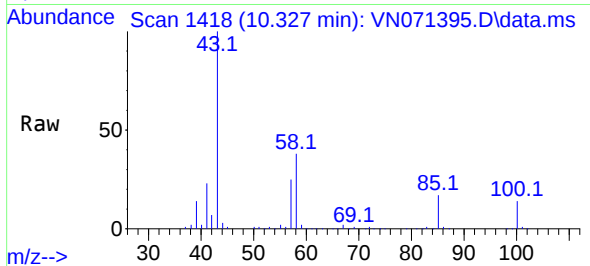
#51
4-Methyl-2-Pentanone
Concen: 20.145 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
NWB-1728

Tgt Ion: 43 Resp: 35381
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

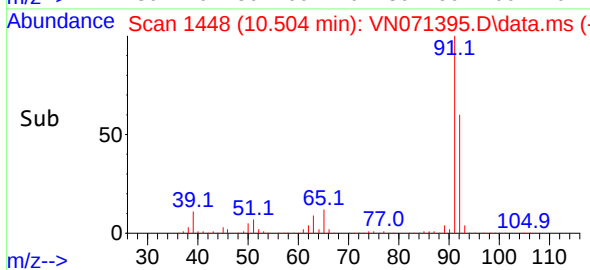
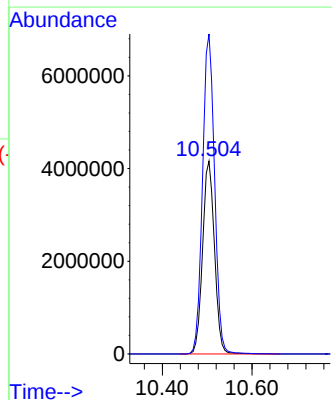
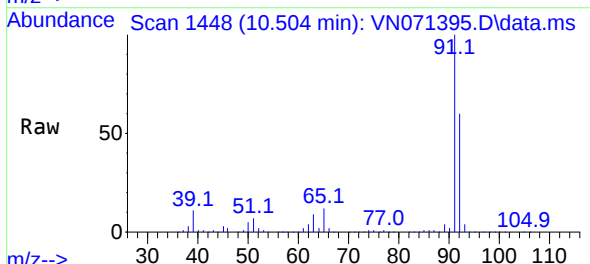
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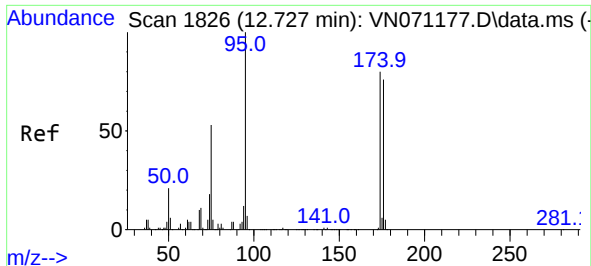
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#52
Toluene
Concen: 299.073 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

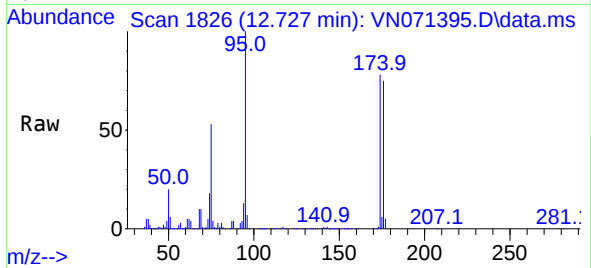
Tgt Ion: 92 Resp: 7630011
Ion Ratio Lower Upper
92 100
91 168.0 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 56.402 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

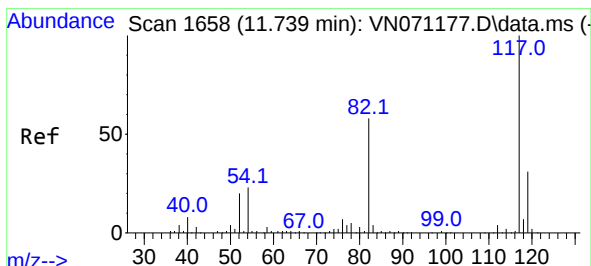
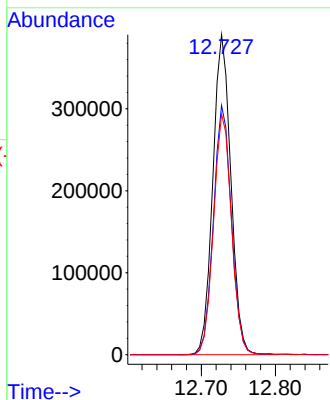
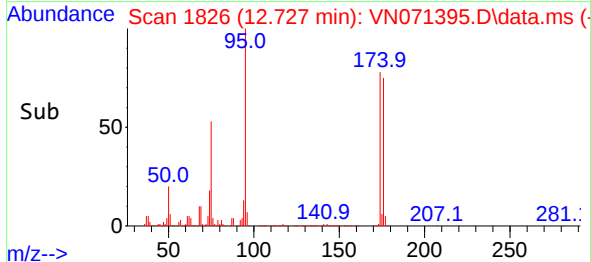
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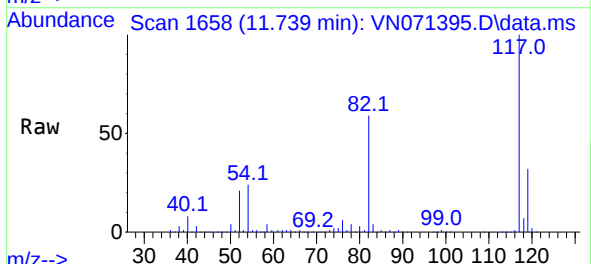
Tgt Ion: 95 Resp: 659980
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.8 0.0 181.4

Manual Integrations
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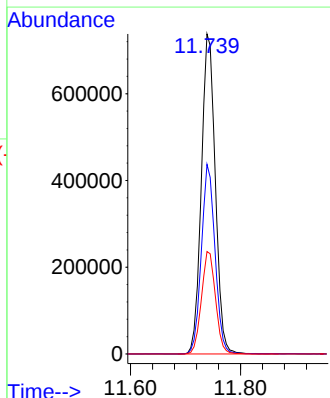
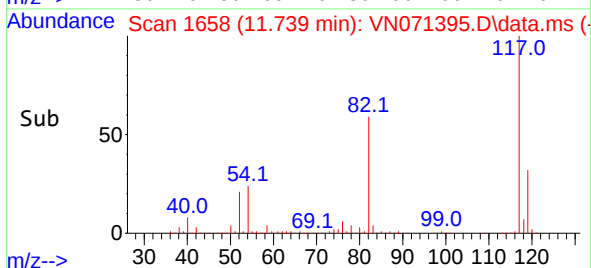
Reviewed By :John Carlone 03/21/2022
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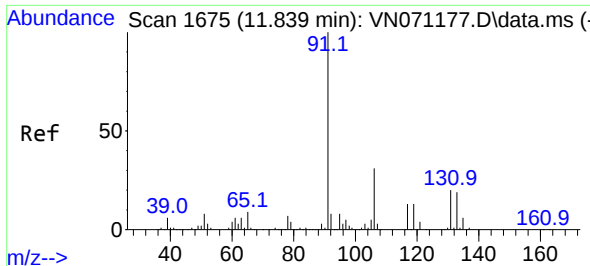


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06



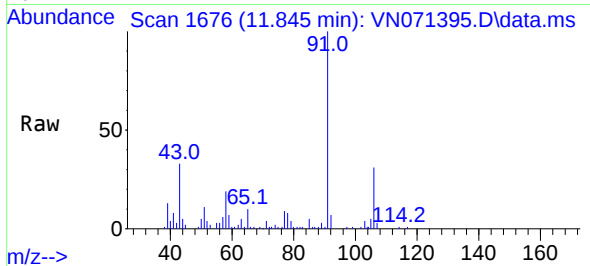
Tgt Ion:117 Resp: 1301326
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.0 25.4 38.2





#67
Ethyl Benzene
Concen: 1.105 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

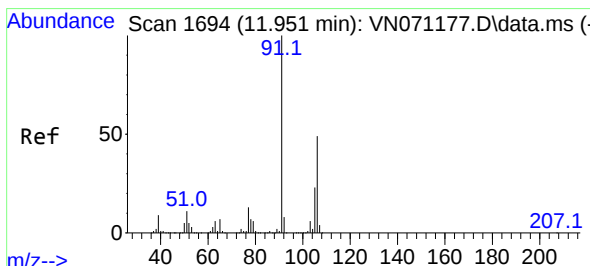
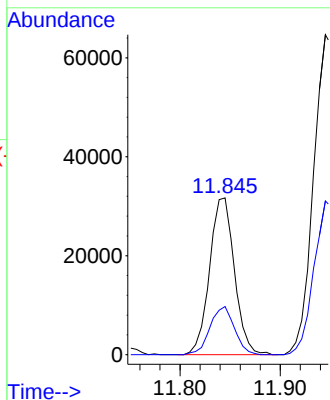
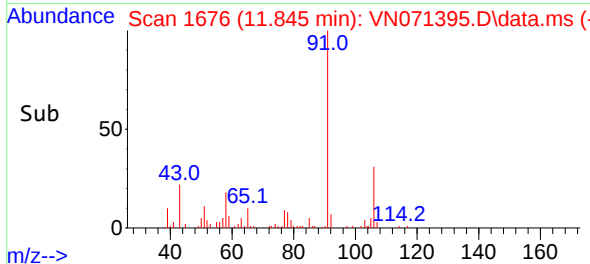
Instrument :
MSVOA_N
ClientSampleId :
NWB-1728



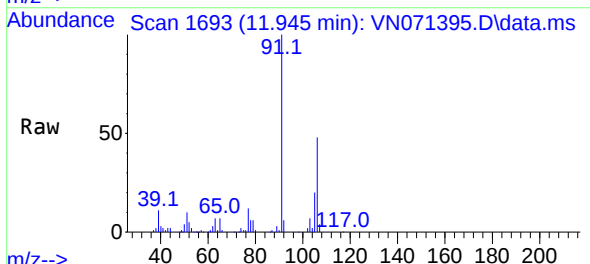
Tgt Ion: 91 Resp: 5460
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

Manual Integrations
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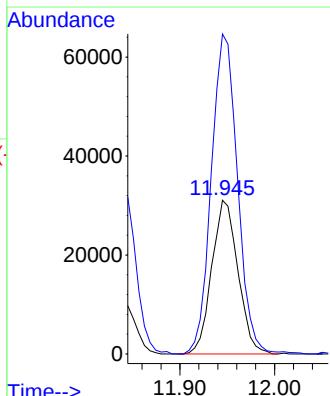
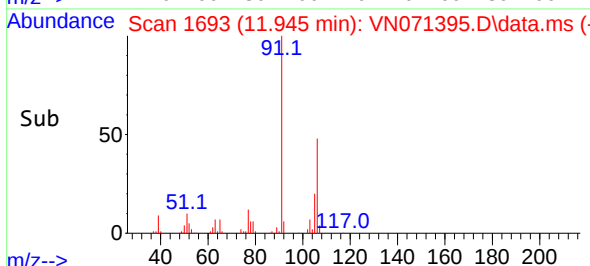
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

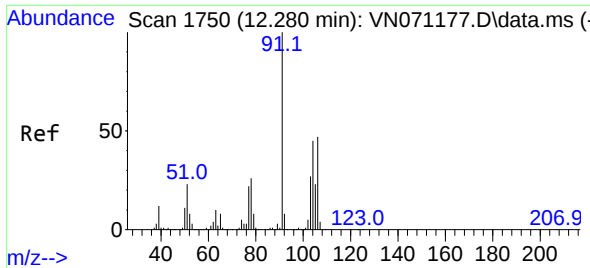


#68
m/p-Xylenes
Concen: 3.295 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06



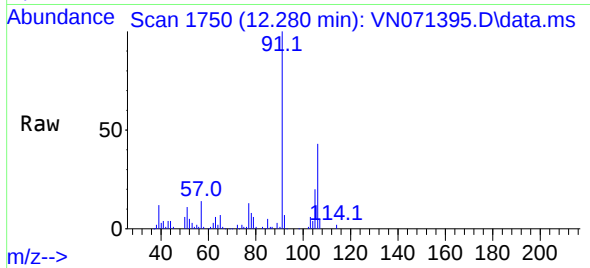
Tgt Ion:106 Resp: 59569
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8





#69
o-Xylene
Concen: 2.220 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

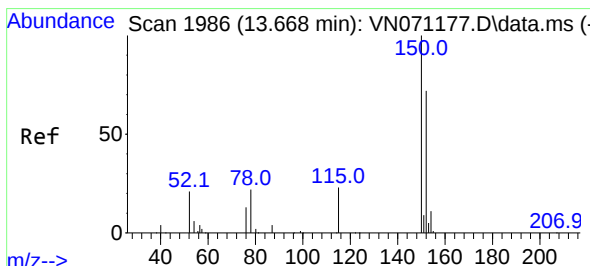
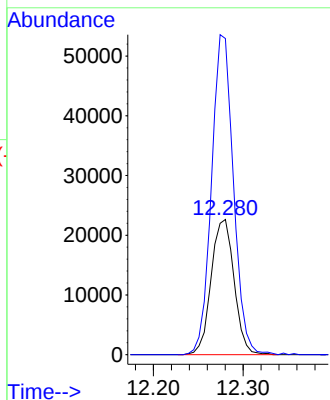
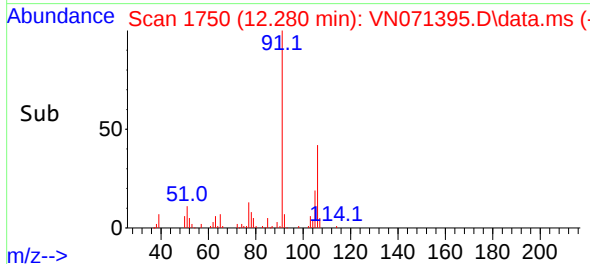
Instrument :
MSVOA_N
ClientSampleId :
NWB-1728



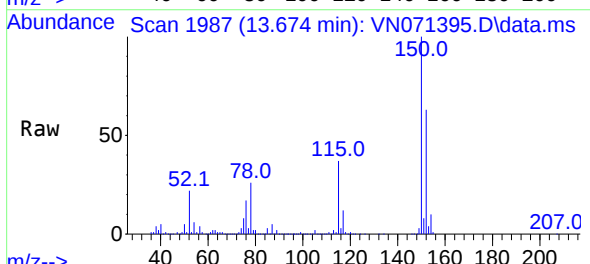
Tgt Ion:106 Resp: 4023
Ion Ratio Lower Upper
106 100
91 226.0 105.8 317.3

Manual Integrations
APPROVED

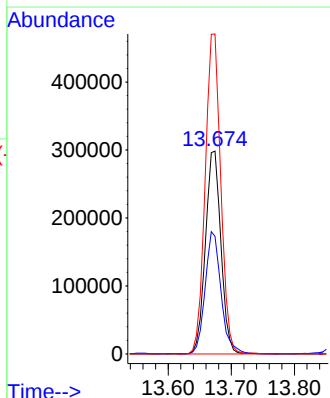
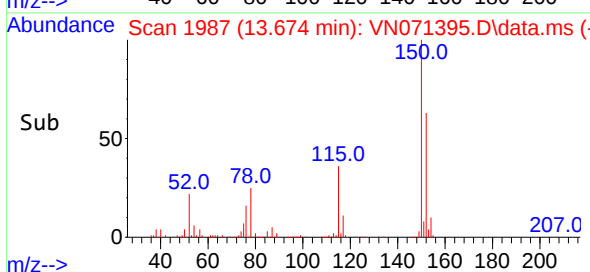
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

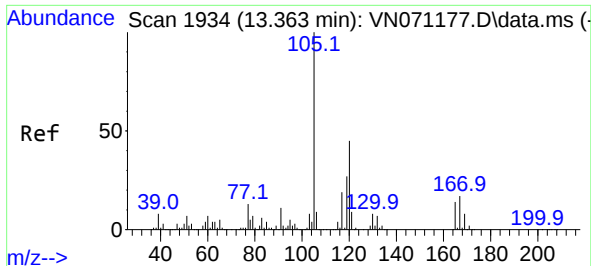


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06



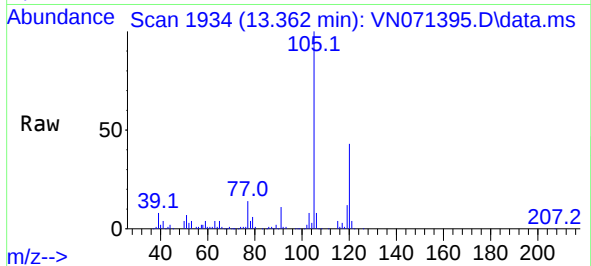
Tgt Ion:152 Resp: 509058
Ion Ratio Lower Upper
152 100
115 61.8 27.5 82.5
150 158.3 0.0 344.4





#84
1,2,4-Trimethylbenzene
Concen: 4.638 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06

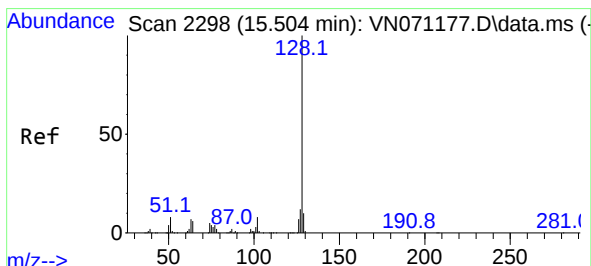
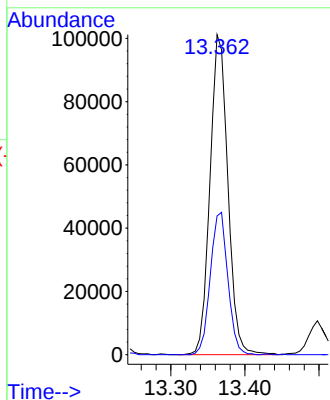
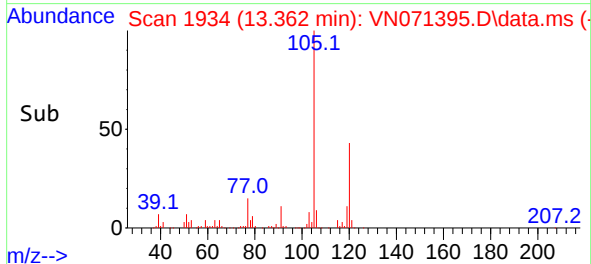
Instrument :
MSVOA_N
ClientSampleId :
NWB-1728



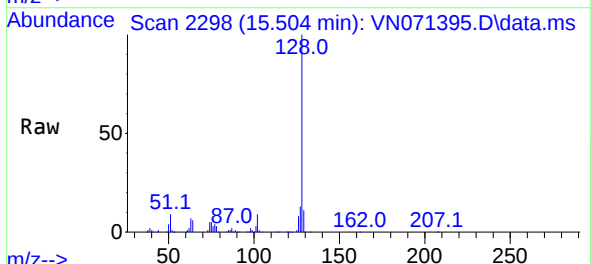
Tgt Ion:105 Resp: 169624
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#95
Naphthalene
Concen: 18.732 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071395.D
Acq: 19 Mar 2022 14:06



Tgt Ion:128 Resp: 354848
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.7 13.1

