

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072834.D
 Acq On : 14 Jun 2022 14:35
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 14 14:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 14 14:20:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	321790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	591248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	558891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	218963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	724169	87.737	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 175.480%#			
35) Dibromofluoromethane	8.016	113	534842	98.071	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 196.140%#			
50) Toluene-d8	10.439	98	2162359	98.750	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 197.500%#			
62) 4-Bromofluorobenzene	12.727	95	809851	105.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 210.220%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	376642	80.821	ug/l	100
3) Chloromethane	2.293	50	425373	77.889	ug/l	99
4) Vinyl Chloride	2.434	62	353437	66.808	ug/l	99
5) Bromomethane	2.805	94	69535	33.231	ug/l	100
6) Chloroethane	2.957	64	220538	57.660	ug/l	95
7) Trichlorofluoromethane	3.334	101	710355	85.182	ug/l	99
8) Diethyl Ether	3.810	74	323766	97.551	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.187	101	415947	89.326	ug/l	96
10) Methyl Iodide	4.404	142	453080	137.506	ug/l	96
11) Tert butyl alcohol	5.375	59	825535	101.257	ug/l	100
12) 1,1-Dichloroethene	4.163	96	396978	94.025	ug/l	92
13) Acrolein	4.028	56	169224	401.463	ug/l	97
14) Allyl chloride	4.822	41	952939	96.939	ug/l #	92
15) Acrylonitrile	5.546	53	2032203	514.227	ug/l	99
16) Acetone	4.275	43	1841915	477.691	ug/l	95
17) Carbon Disulfide	4.516	76	820443	81.075	ug/l	99
18) Methyl Acetate	4.840	43	996634	98.230	ug/l	91
19) Methyl tert-butyl Ether	5.604	73	1774941	91.113	ug/l	98
20) Methylene Chloride	5.081	84	523275	85.037	ug/l	89
21) trans-1,2-Dichloroethene	5.587	96	422345	88.862	ug/l	93
22) Diisopropyl ether	6.487	45	1967795	96.181	ug/l	96
23) Vinyl Acetate	6.422	43	8811799	477.984	ug/l #	93
24) 1,1-Dichloroethane	6.375	63	962711	90.148	ug/l	99
25) 2-Butanone	7.328	43	3008502	498.754	ug/l	89
26) 2,2-Dichloropropane	7.322	77	779799	79.722	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	558041	93.323	ug/l	93
28) Bromochloromethane	7.651	49	479395	93.937	ug/l #	81
29) Tetrahydrofuran	7.675	42	1880130	502.370	ug/l	87
30) Chloroform	7.810	83	991326	89.821	ug/l	98
31) Cyclohexane	8.087	56	746386	84.637	ug/l	88
32) 1,1,1-Trichloroethane	8.004	97	844752	86.965	ug/l	98
36) 1,1-Dichloropropene	8.216	75	657992	85.861	ug/l	98
37) Ethyl Acetate	7.404	43	1100747	93.332	ug/l	96
38) Carbon Tetrachloride	8.198	117	695040	86.974	ug/l	99
39) Methylcyclohexane	9.457	83	757674	87.180	ug/l	95
40) Benzene	8.457	78	2082835	91.267	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	576202	102.336	ug/l #	87
42) 1,2-Dichloroethane	8.522	62	813034	83.597	ug/l	98
43) Isopropyl Acetate	8.557	43	1758350	96.942	ug/l	93
44) Trichloroethene	9.210	130	515595	98.967	ug/l	93
45) 1,2-Dichloropropane	9.486	63	587772	91.697	ug/l	99
46) Dibromomethane	9.575	93	381780	89.475	ug/l	90
47) Bromodichloromethane	9.757	83	837476	94.647	ug/l	99
48) Methyl methacrylate	9.557	41	879164	103.798	ug/l	88
49) 1,4-Dioxane	9.569	88	311410	2166.701	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	5921922	493.815	ug/l	91
52) Toluene	10.504	92	1362238	94.174	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	959395	102.336	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	967086	96.673	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	602207	98.099	ug/l	98
56) Ethyl methacrylate	10.757	69	1108307	103.944	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	1037848	94.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	2407988	539.170	ug/l	93
59) 2-Hexanone	11.080	43	4384901	494.604	ug/l	89
60) Dibromochloromethane	11.233	129	648927	102.542	ug/l	100
61) 1,2-Dibromoethane	11.345	107	626472	101.239	ug/l	98
64) Tetrachloroethene	10.975	164	440452	106.413	ug/l	94
65) Chlorobenzene	11.769	112	1515911	107.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	578918	108.686	ug/l	98
67) Ethyl Benzene	11.839	91	2754015	105.499	ug/l	98
68) m/p-Xylenes	11.951	106	2004673	214.013	ug/l	93
69) o-Xylene	12.275	106	1016860	107.976	ug/l	93
70) Styrene	12.292	104	1714640	114.209	ug/l	97
71) Bromoform	12.451	173	484576	124.064	ug/l #	99
73) Isopropylbenzene	12.575	105	2747623	125.307	ug/l	98
74) N-amyl acetate	12.386	43	1383835	131.981	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.822	83	891389	115.333	ug/l	100
76) 1,2,3-Trichloropropane	12.880	75	766882m	104.007	ug/l	
77) Bromobenzene	12.857	156	596482	133.493	ug/l	80
78) n-propylbenzene	12.916	91	3169025	130.218	ug/l	97
79) 2-Chlorotoluene	13.004	91	1919679	125.335	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	2227260	125.933	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	329992	138.149	ug/l	96
82) 4-Chlorotoluene	13.098	91	1862581	130.332	ug/l	96
83) tert-Butylbenzene	13.322	119	1965871	124.463	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	2147469	126.438	ug/l	95
85) sec-Butylbenzene	13.498	105	2790672	131.979	ug/l	98
86) p-Isopropyltoluene	13.610	119	2166926	131.610	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	1003064	131.597	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	1026047	136.422	ug/l	98
89) n-Butylbenzene	13.939	91	1942648	139.539	ug/l	98
90) Hexachloroethane	14.210	117	447185	127.739	ug/l	83
91) 1,2-Dichlorobenzene	13.986	146	1010998	133.536	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	226688	135.103	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	570562	165.559	ug/l	98
94) Hexachlorobutadiene	15.368	225	234881	141.621	ug/l	100
95) Naphthalene	15.504	128	2255417	167.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	583128	163.205	ug/l	97

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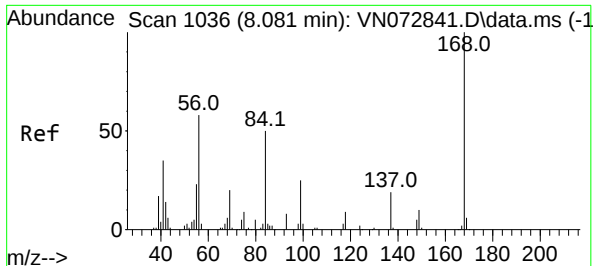
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/15/2022

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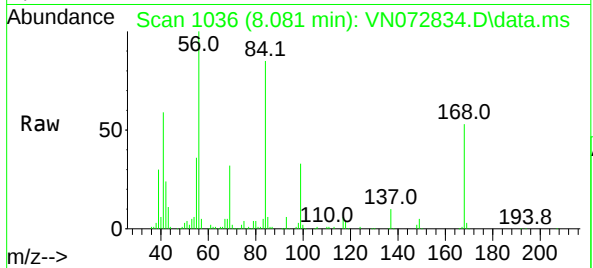
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.001 min
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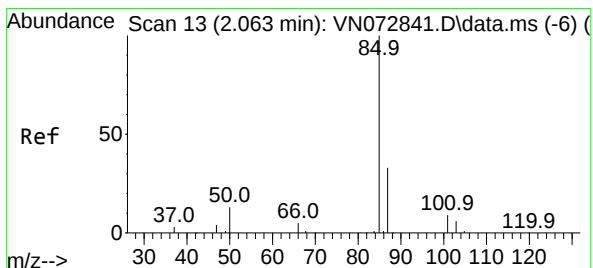
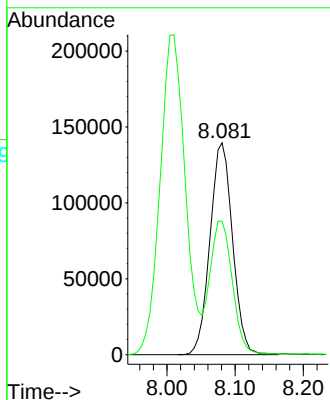
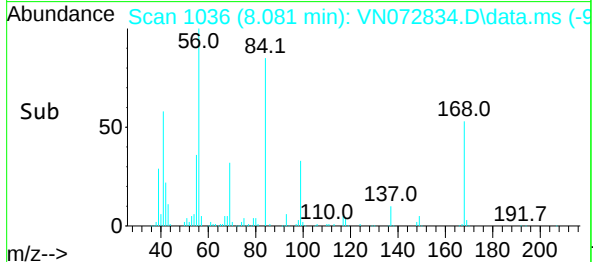
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 321790
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5

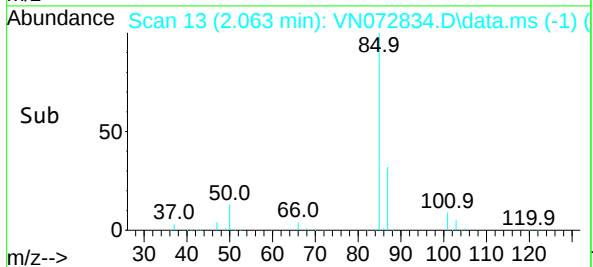
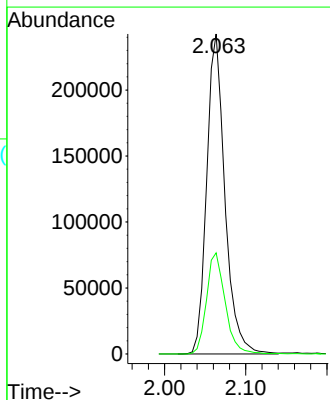
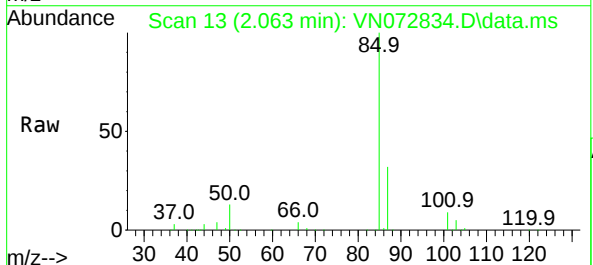
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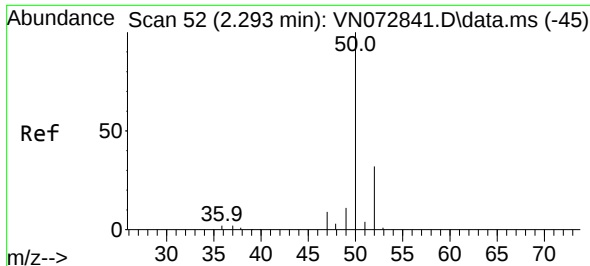
Reviewed By :John Carlone 06/15/2022
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#2
Dichlorodifluoromethane
Concen: 80.821 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

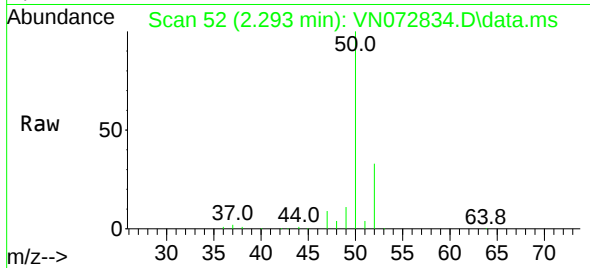
Tgt Ion: 85 Resp: 376642
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.1





#3
Chloromethane
Concen: 77.889 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

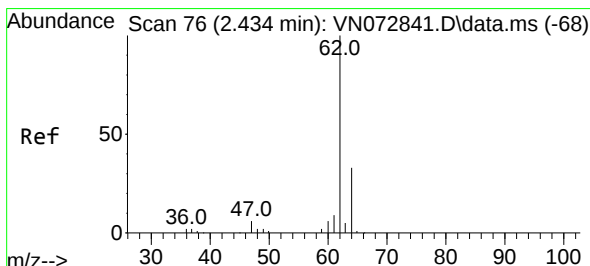
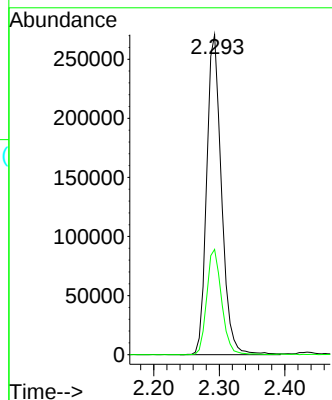
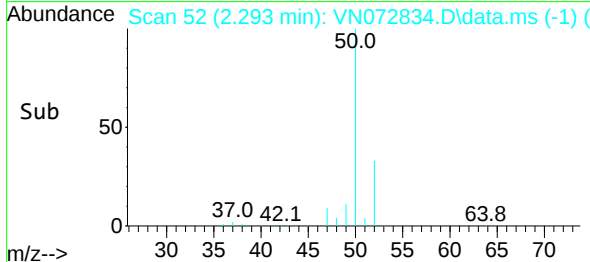
Instrument :
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Tgt Ion: 50 Resp: 42537
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

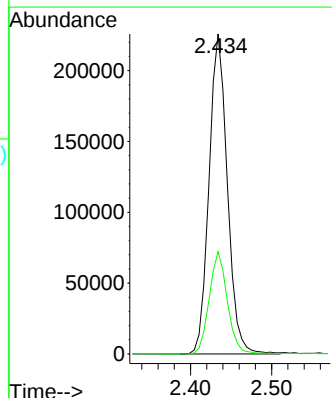
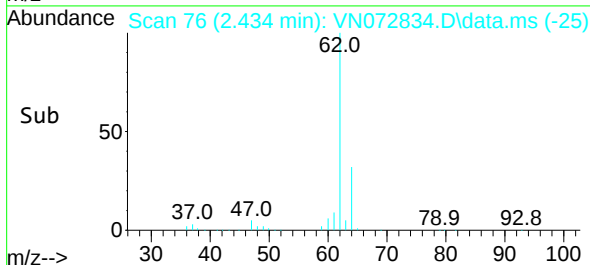
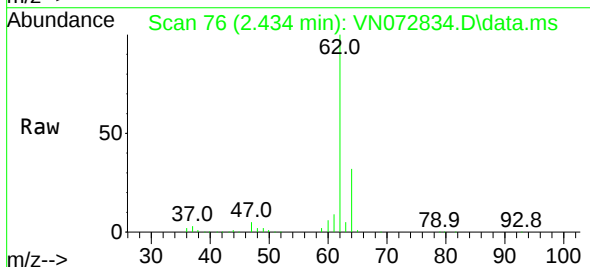
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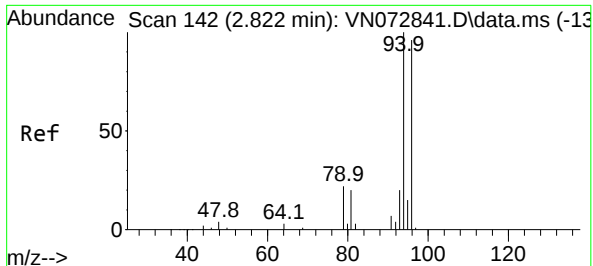
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#4
Vinyl Chloride
Concen: 66.808 ug/l
RT: 2.434 min Scan# 76
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Tgt Ion: 62 Resp: 353437
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





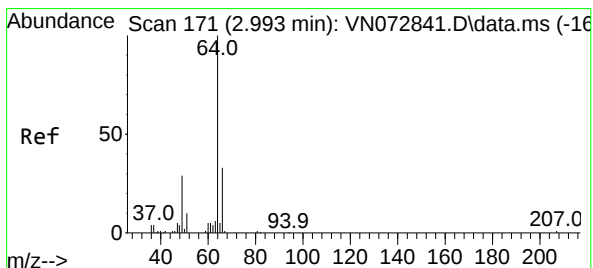
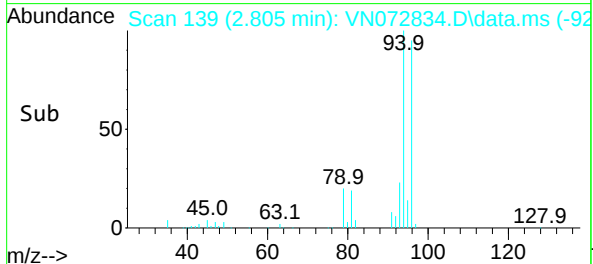
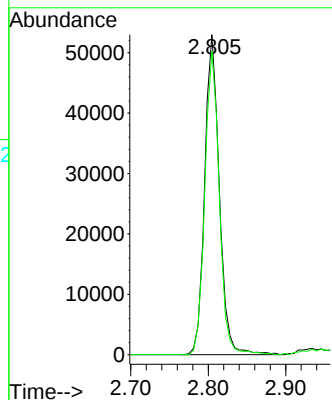
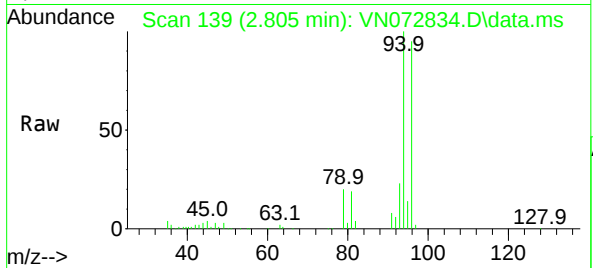
#5
Bromomethane
Concen: 33.231 ug/l
RT: 2.805 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

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Tgt Ion: 94 Resp: 6953
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0

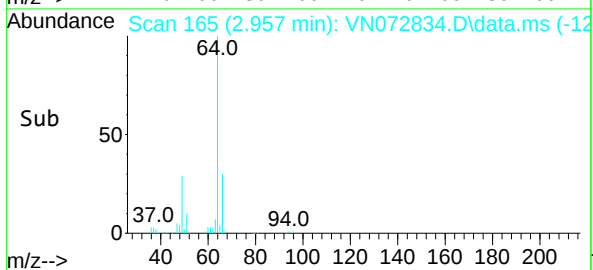
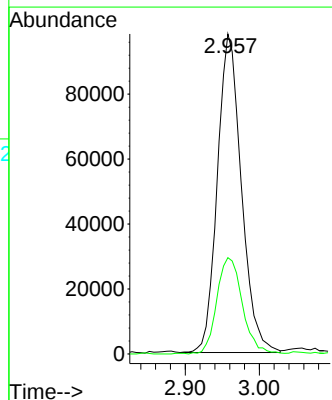
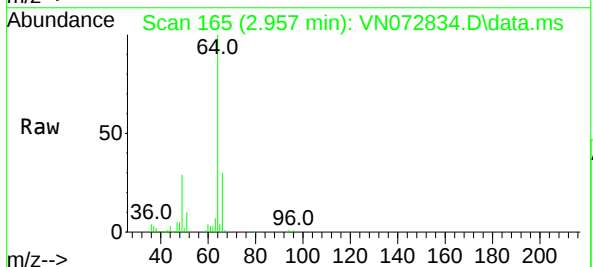
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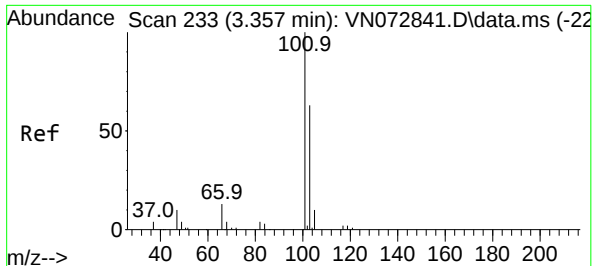
Reviewed By :John Carlone 06/15/2022
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#6
Chloroethane
Concen: 57.660 ug/l
RT: 2.957 min Scan# 165
Delta R.T. -0.041 min
Lab File: VN072834.D
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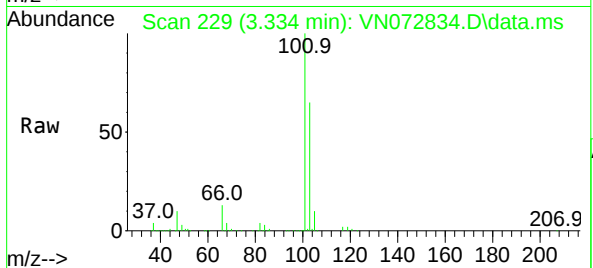
Tgt Ion: 64 Resp: 220538
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 85.182 ug/l
 RT: 3.334 min Scan# 210
 Delta R.T. -0.023 min
 Lab File: VN072834.D
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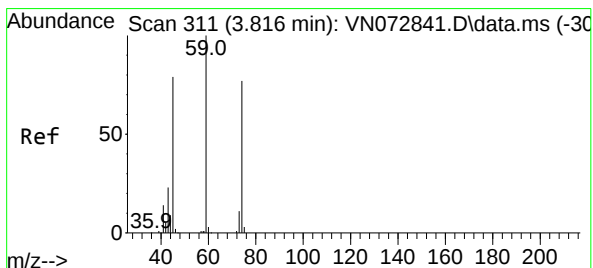
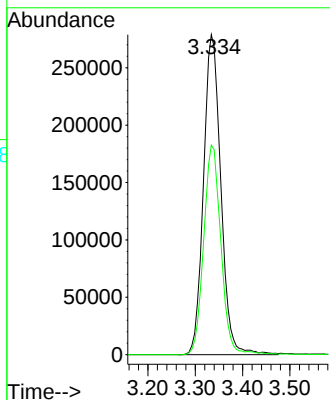
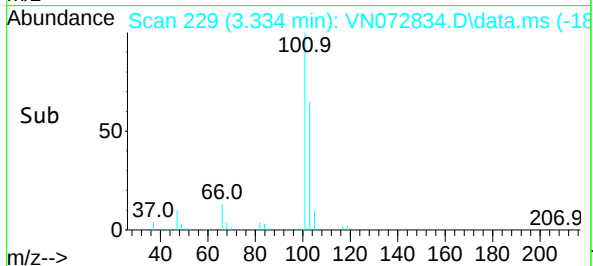
Instrument :
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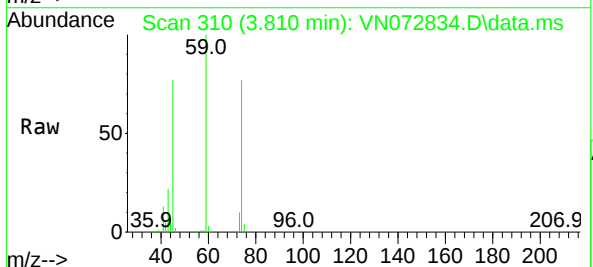
Tgt Ion:101 Resp: 71035
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3

Manual Integrations
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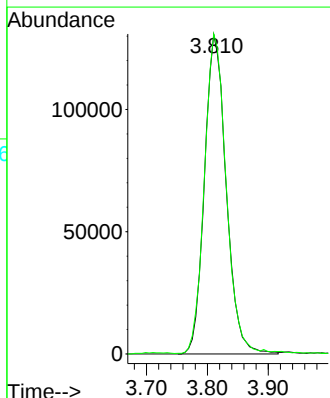
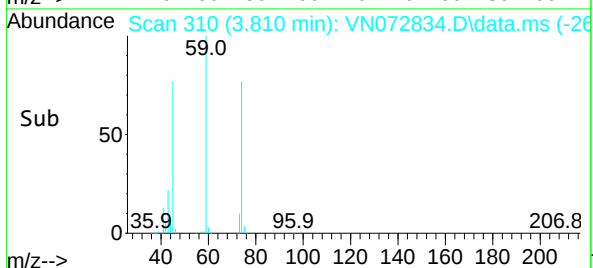
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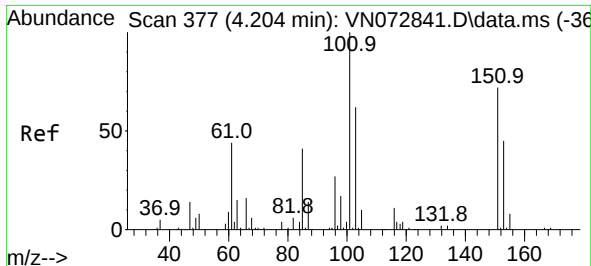


#8
 Diethyl Ether
 Concen: 97.551 ug/l
 RT: 3.810 min Scan# 310
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 323766
 Ion Ratio Lower Upper
 74 100
 45 100.2 42.9 128.5





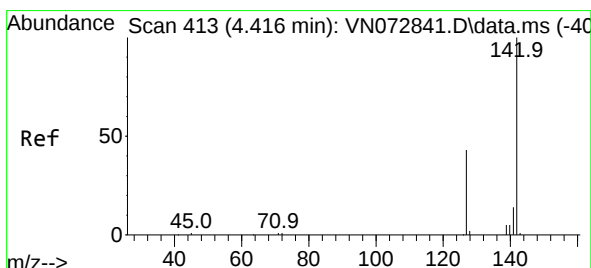
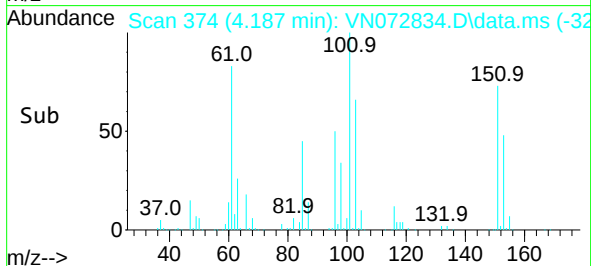
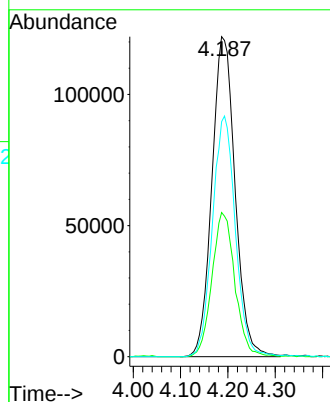
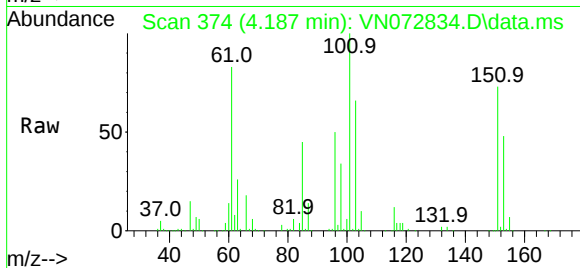
#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.326 ug/l
RT: 4.187 min Scan# 31
Delta R.T. -0.017 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 41594
Ion Ratio Lower Upper
101 100
85 44.5 34.7 52.1
151 74.4 63.0 94.4

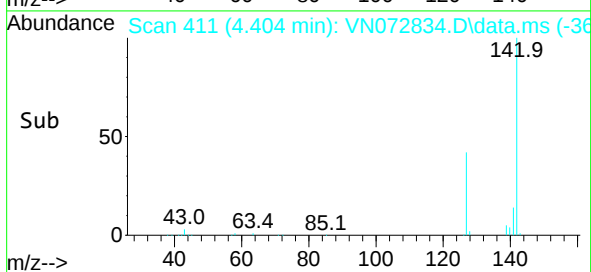
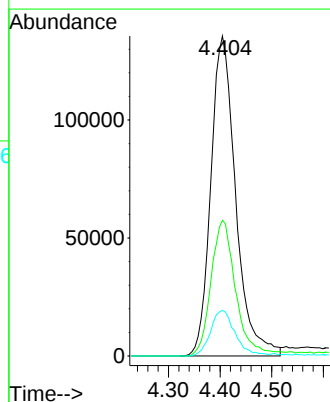
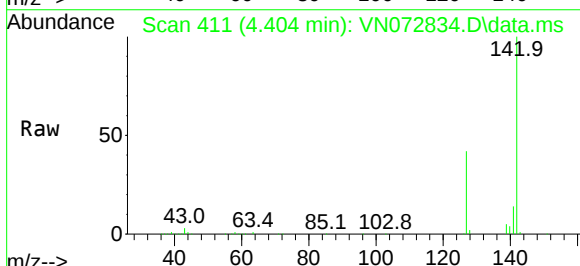
Manual Integrations
APPROVED

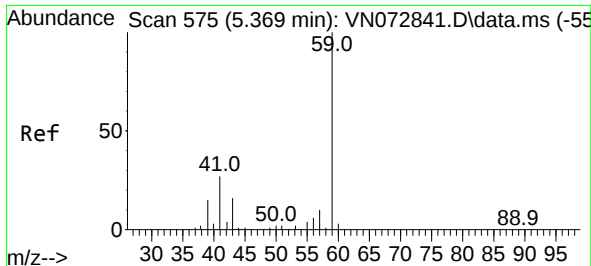
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#10
Methyl Iodide
Concen: 137.506 ug/l
RT: 4.404 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

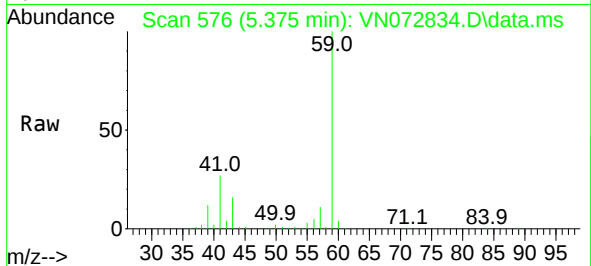
Tgt Ion:142 Resp: 453080
Ion Ratio Lower Upper
142 100
127 42.3 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 101.257 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

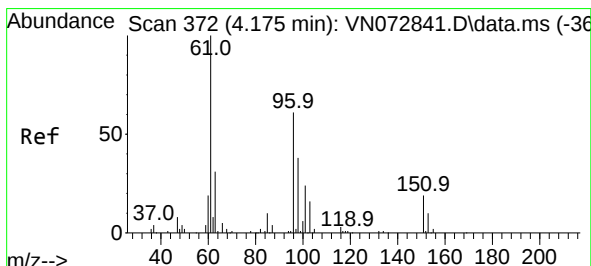
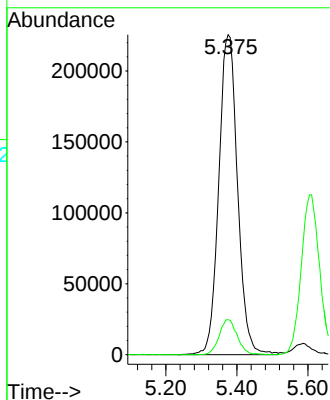
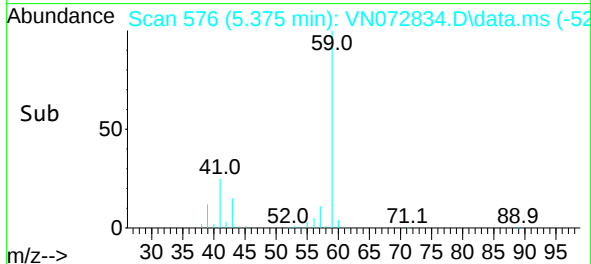
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 59 Resp: 82553
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

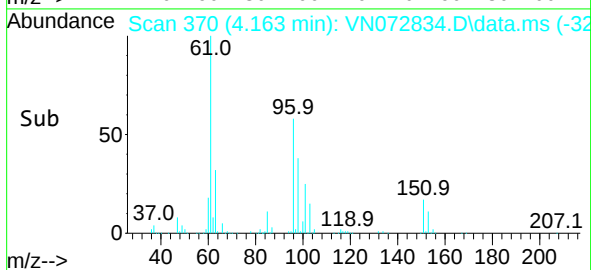
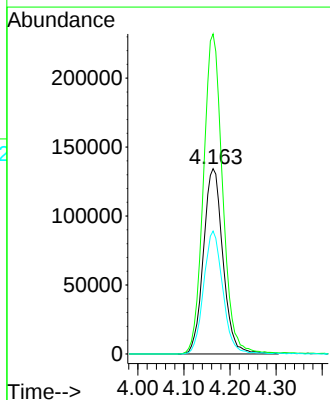
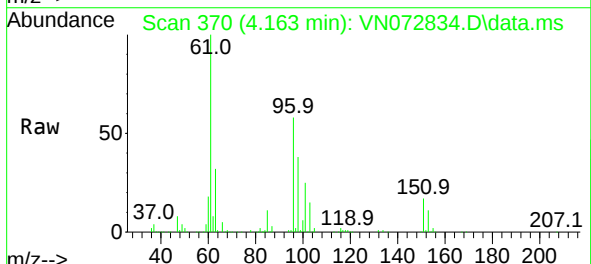
Manual Integrations
APPROVED

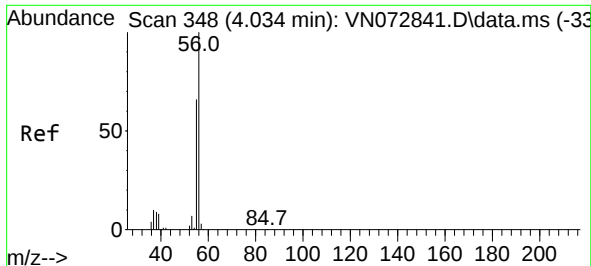
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#12
1,1-Dichloroethene
Concen: 94.025 ug/l
RT: 4.163 min Scan# 370
Delta R.T. -0.012 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

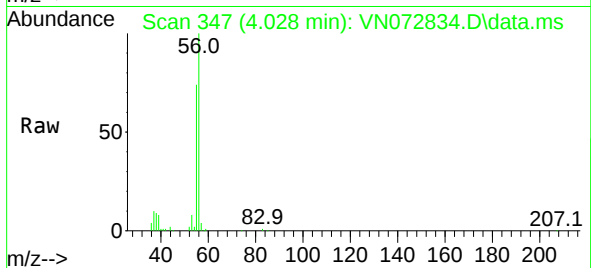
Tgt Ion: 96 Resp: 396978
Ion Ratio Lower Upper
96 100
61 172.7 127.6 191.4
98 66.3 51.2 76.8





#13
Acrolein
Concen: 401.463 ug/l
RT: 4.028 min Scan# 34
Delta R.T. -0.012 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

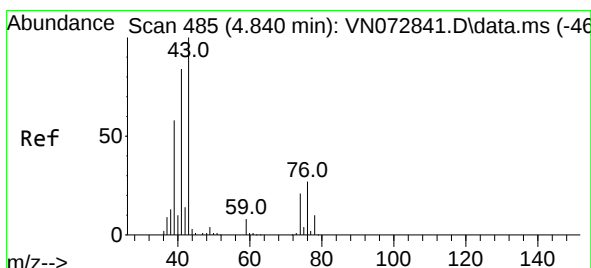
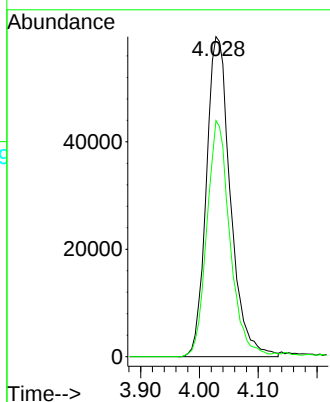
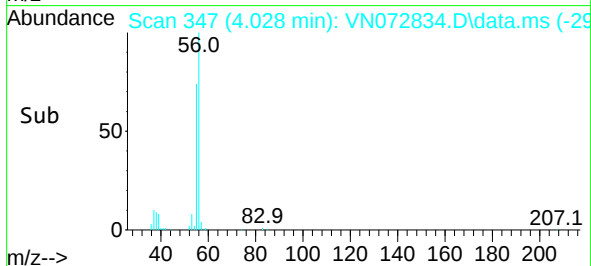
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



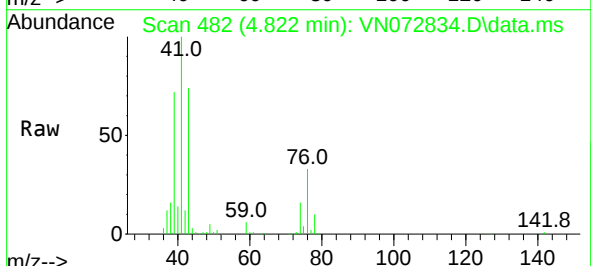
Tgt Ion: 56 Resp: 169224
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2

Manual Integrations
APPROVED

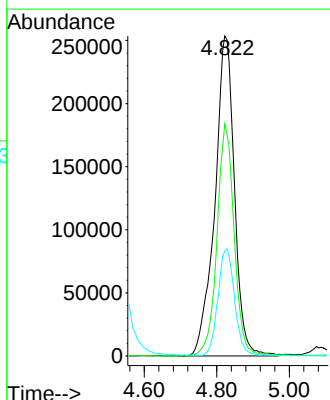
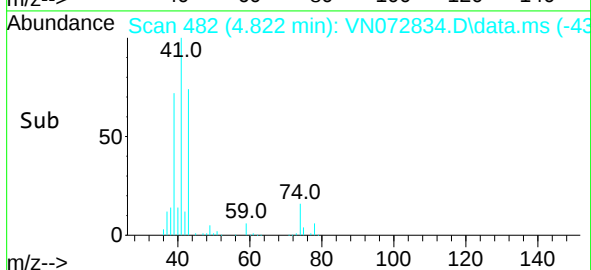
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

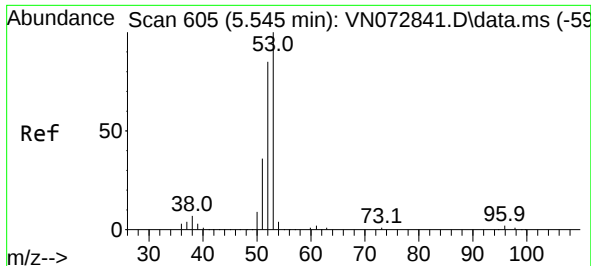


#14
Allyl chloride
Concen: 96.939 ug/l
RT: 4.822 min Scan# 482
Delta R.T. -0.017 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



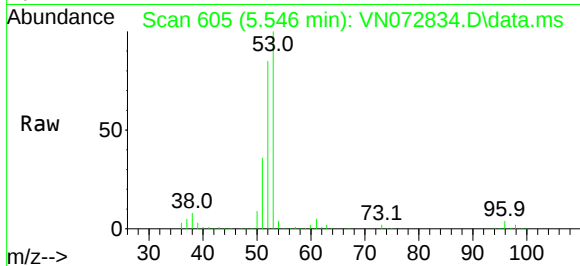
Tgt Ion: 41 Resp: 952939
Ion Ratio Lower Upper
41 100
39 63.4 53.2 79.8
76 27.9 29.9 44.9#





#15
Acrylonitrile
Concen: 514.227 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

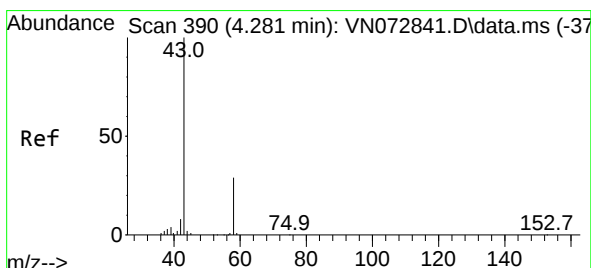
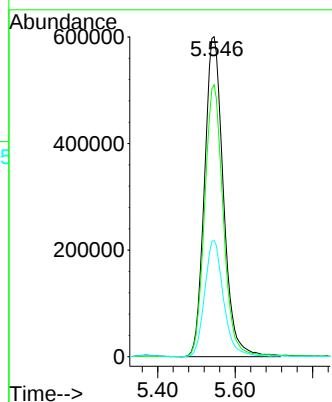
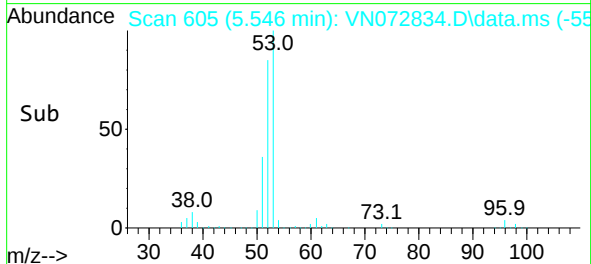
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



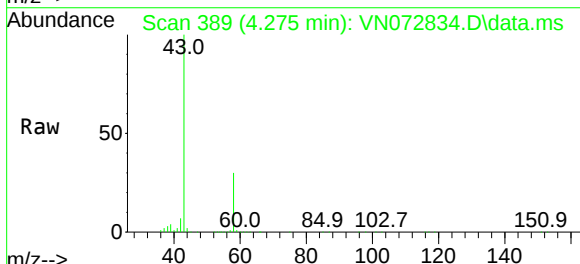
Tgt Ion: 53 Resp: 203220
Ion Ratio Lower Upper
53 100
52 83.9 66.4 99.6
51 36.3 28.5 42.7

Manual Integrations
APPROVED

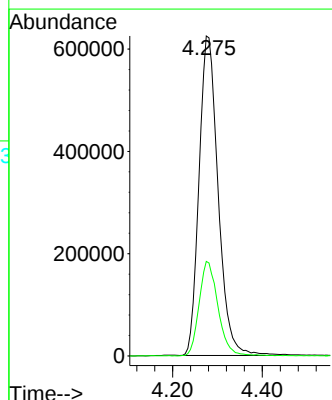
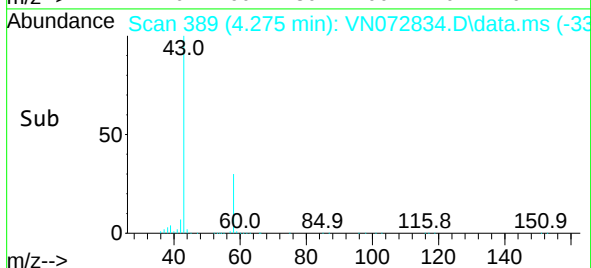
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

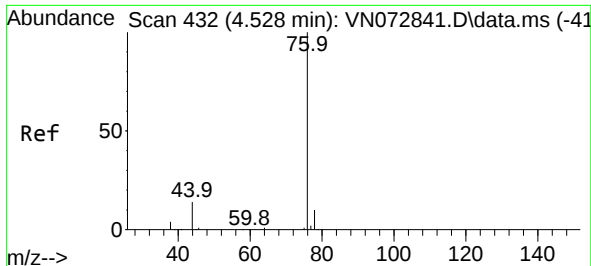


#16
Acetone
Concen: 477.691 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion: 43 Resp: 1841915
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0





#17

Carbon Disulfide

Concen: 81.075 ug/l

RT: 4.516 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 82044

Ion Ratio Lower Upper

76 100

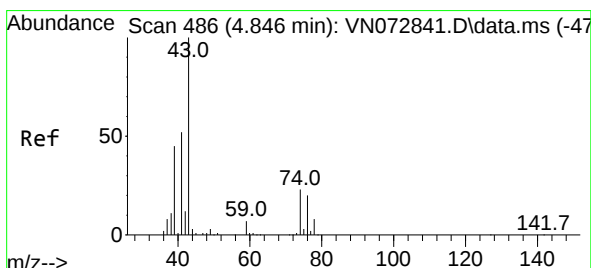
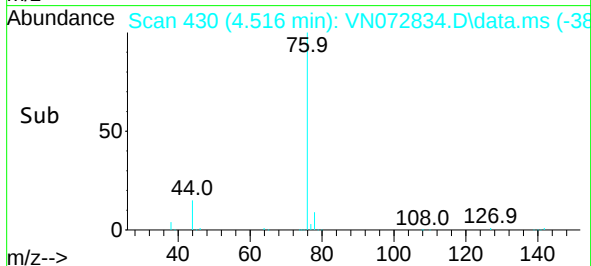
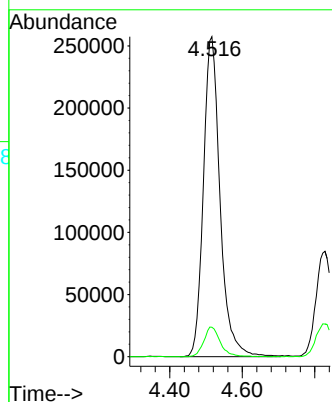
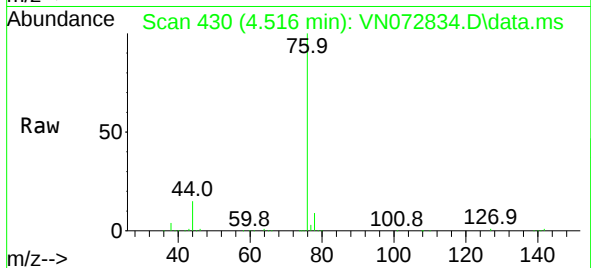
78 9.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#18

Methyl Acetate

Concen: 98.230 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.006 min

Lab File: VN072834.D

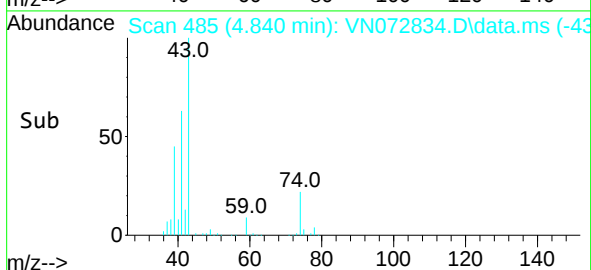
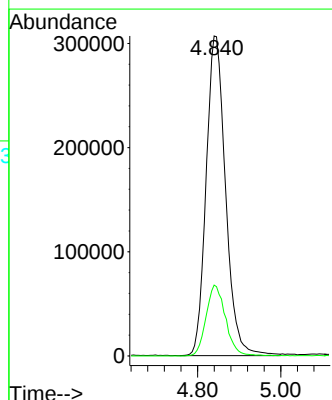
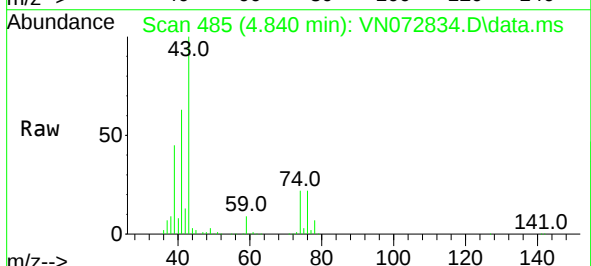
Acq: 14 Jun 2022 14:35

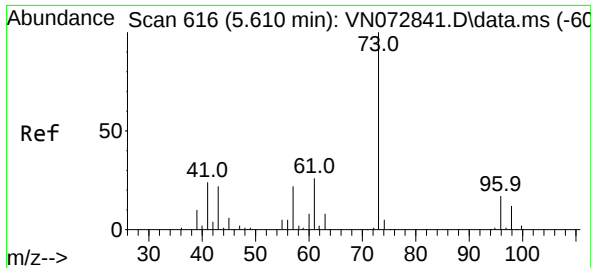
Tgt Ion: 43 Resp: 996634

Ion Ratio Lower Upper

43 100

74 22.3 21.6 32.4





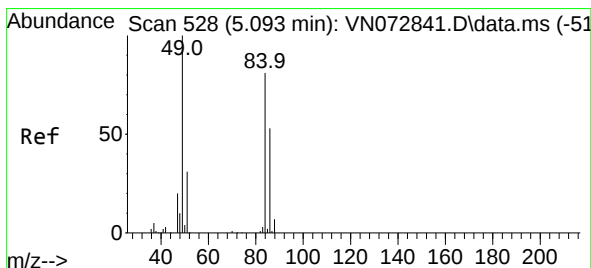
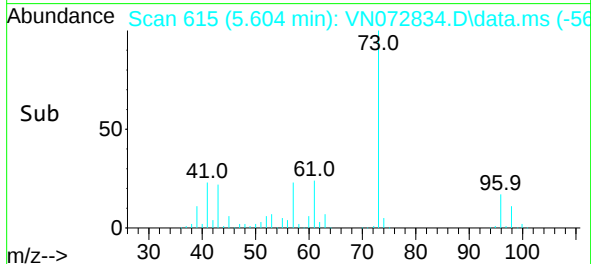
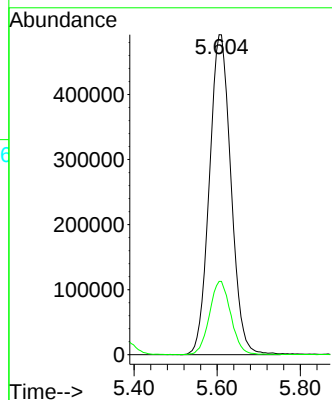
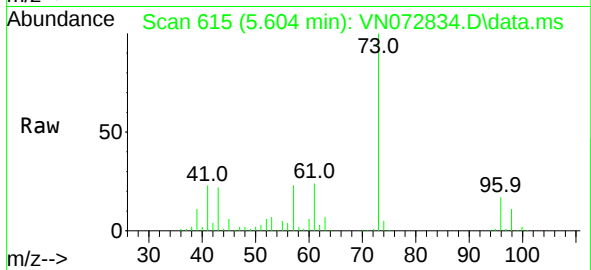
#19
Methyl tert-butyl Ether
Concen: 91.113 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 177494
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

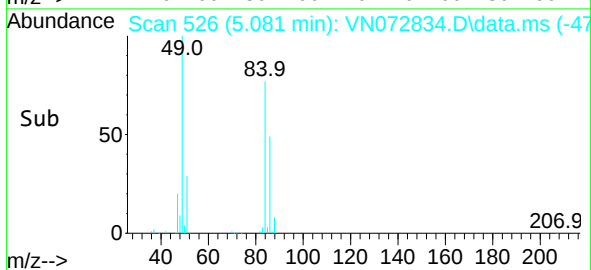
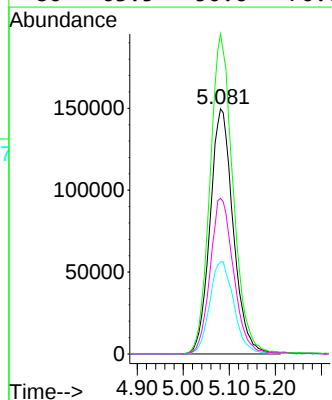
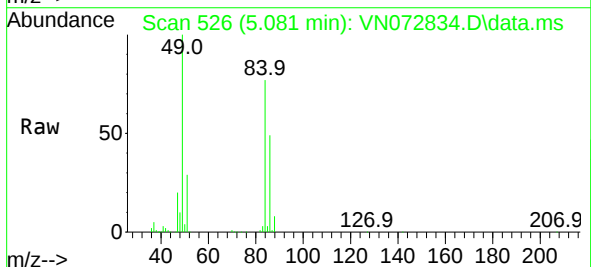
Manual Integrations
APPROVED

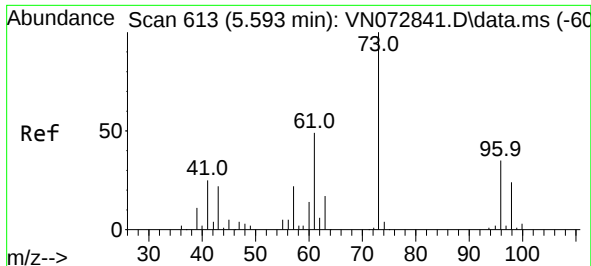
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#20
Methylene Chloride
Concen: 85.037 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

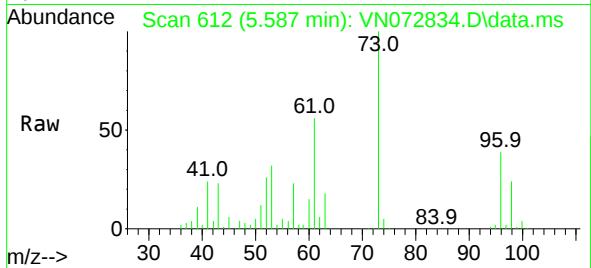
Tgt Ion: 84 Resp: 523275
Ion Ratio Lower Upper
84 100
49 130.5 88.3 132.5
51 37.6 28.2 42.2
86 63.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 88.862 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

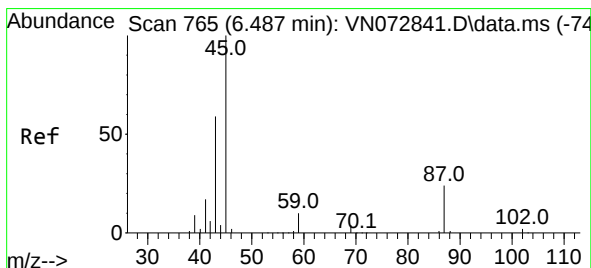
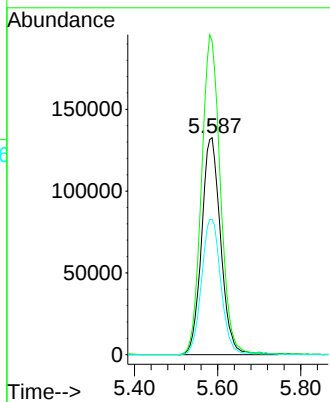
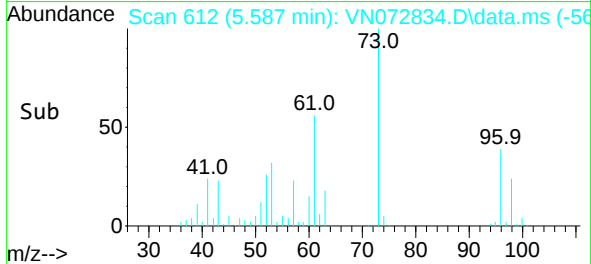
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



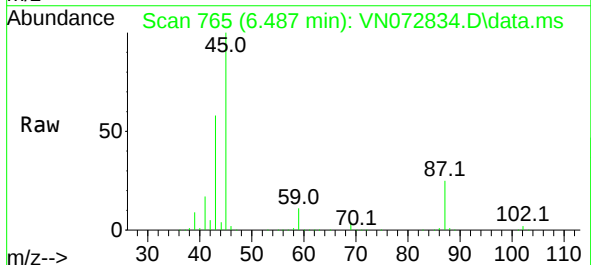
Tgt Ion: 96 Resp: 422345
Ion Ratio Lower Upper
96 100
61 144.4 105.8 158.8
98 62.4 50.3 75.5

Manual Integrations
APPROVED

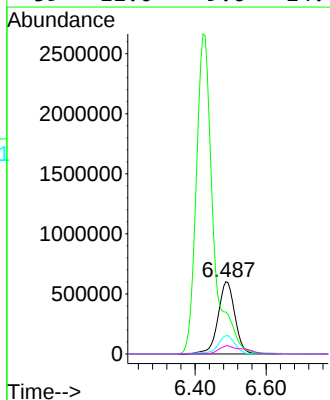
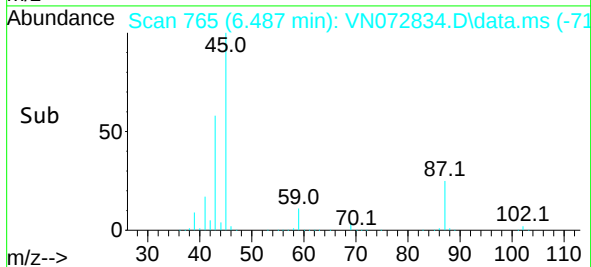
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

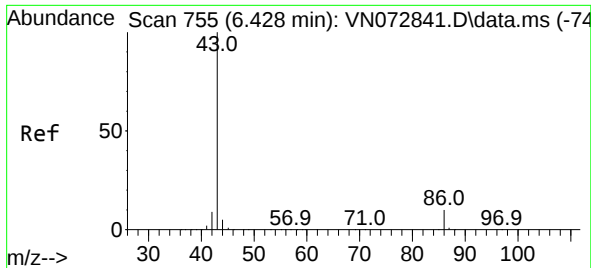


#22
Diisopropyl ether
Concen: 96.181 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion: 45 Resp: 1967795
Ion Ratio Lower Upper
45 100
43 57.7 46.6 70.0
87 25.0 24.3 36.5
59 11.0 9.6 14.4





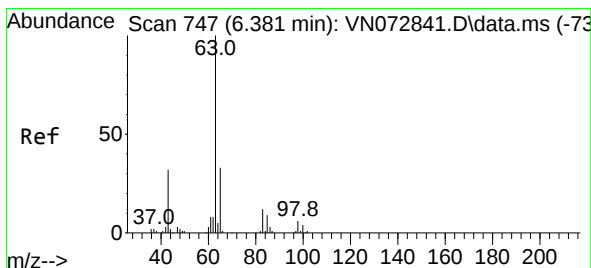
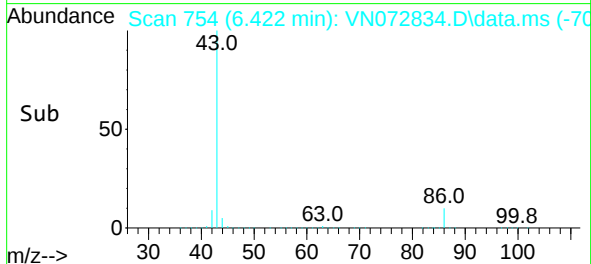
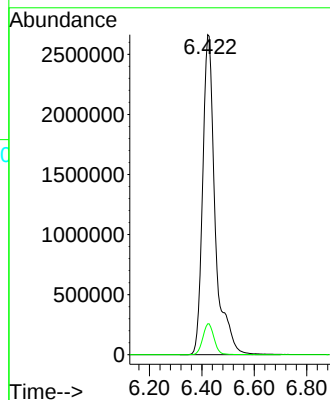
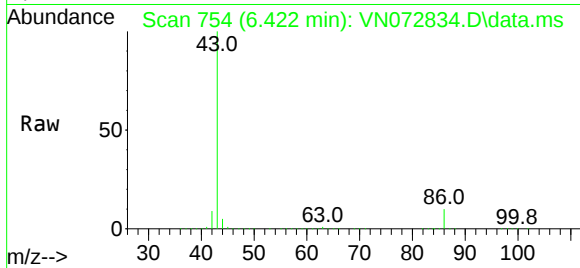
#23
 Vinyl Acetate
 Concen: 477.984 ug/l
 RT: 6.422 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VN072834.D
 Acq: 14 Jun 2022 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 8811799
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.0 15.0

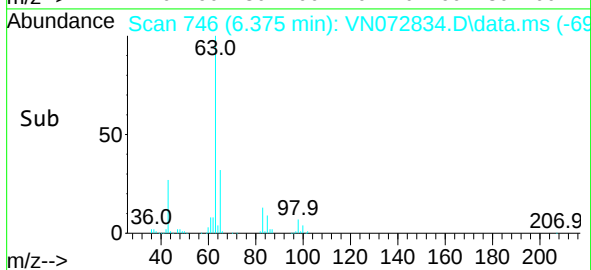
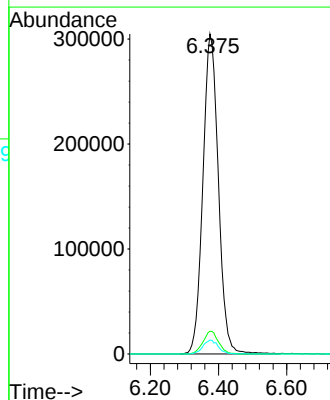
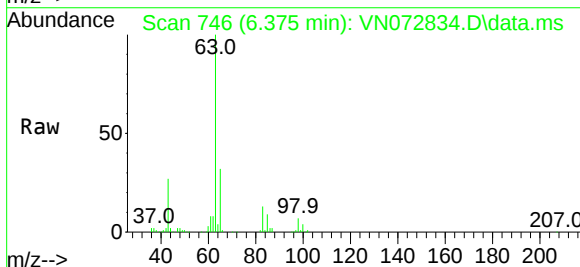
Manual Integrations
 APPROVED

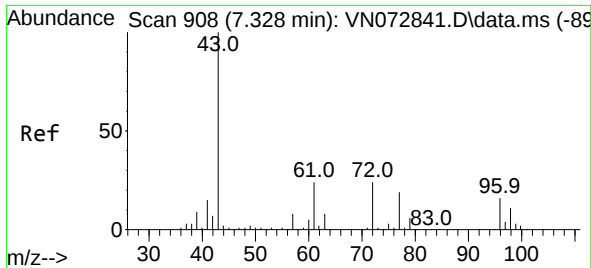
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#24
 1,1-Dichloroethane
 Concen: 90.148 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VN072834.D
 Acq: 14 Jun 2022 14:35

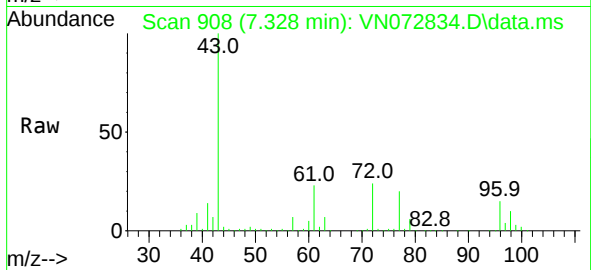
Tgt Ion: 63 Resp: 962711
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 498.754 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

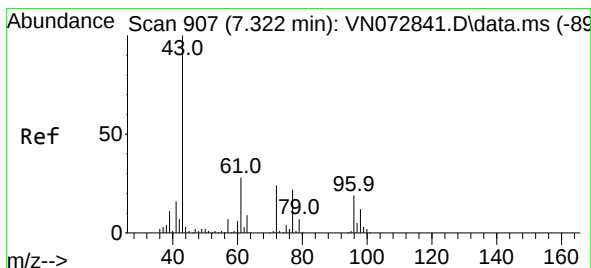
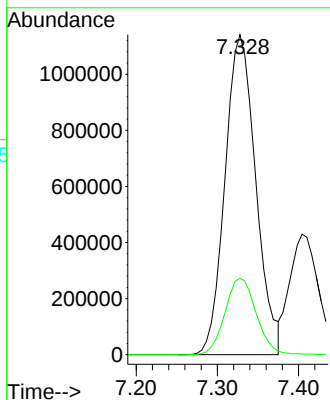
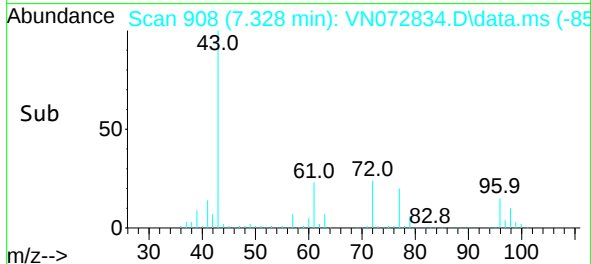
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150



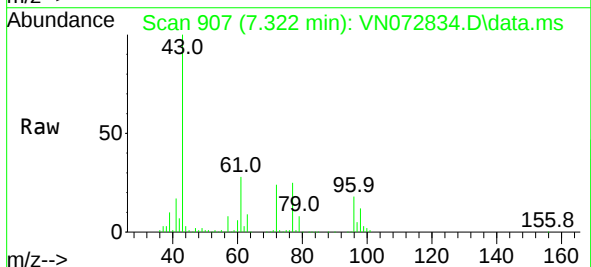
Tgt Ion: 43 Resp: 300850
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5

Manual Integrations
APPROVED

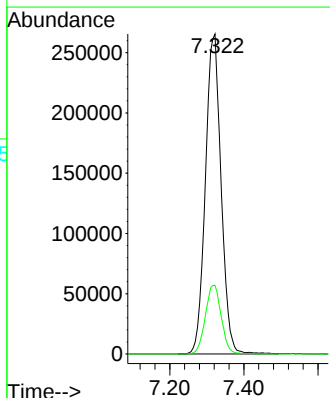
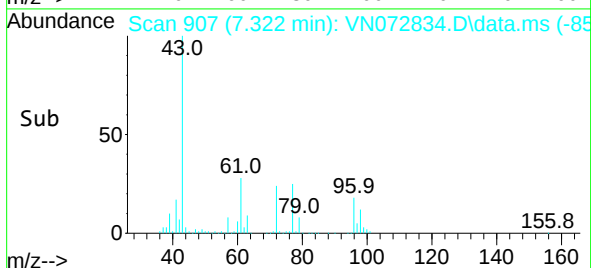
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

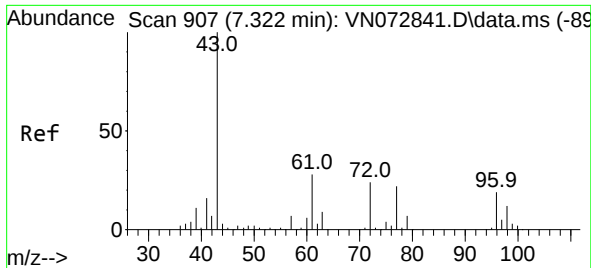


#26
2,2-Dichloropropane
Concen: 79.722 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion: 77 Resp: 779799
Ion Ratio Lower Upper
77 100
97 21.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 93.323 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072834.D
 Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

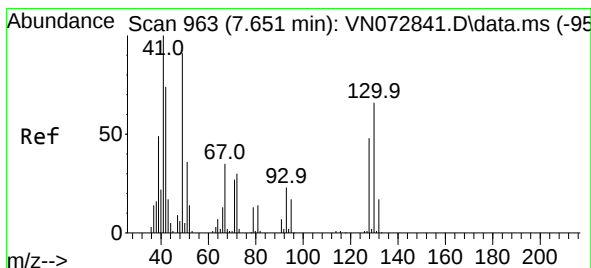
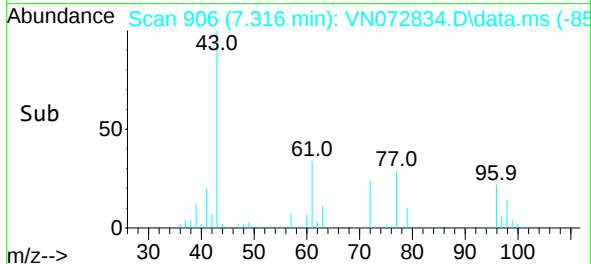
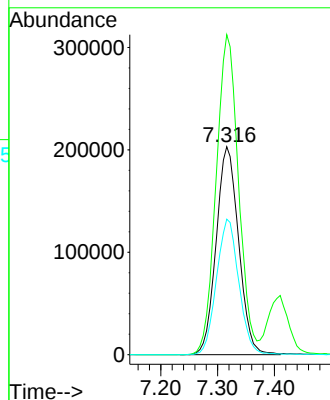
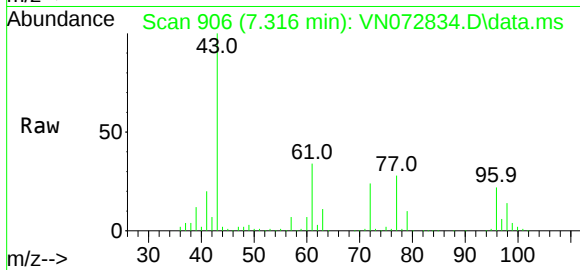
ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 55804
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 280.6
 98 64.9 0.0 128.4

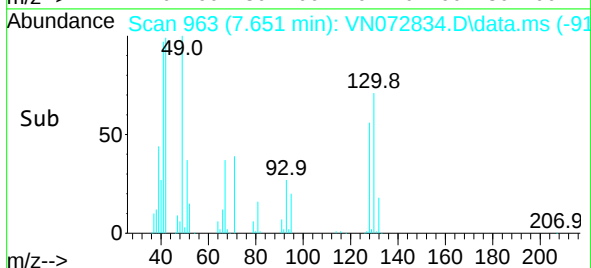
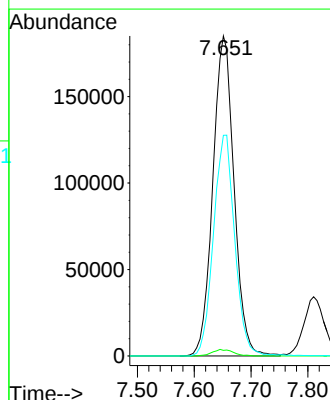
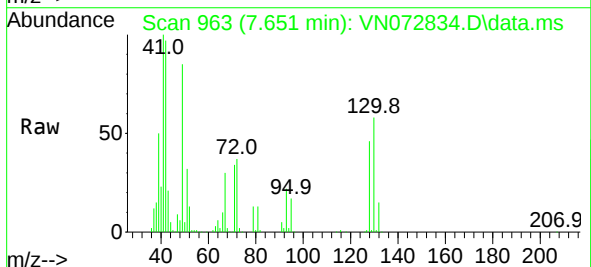
Manual Integrations
 APPROVED

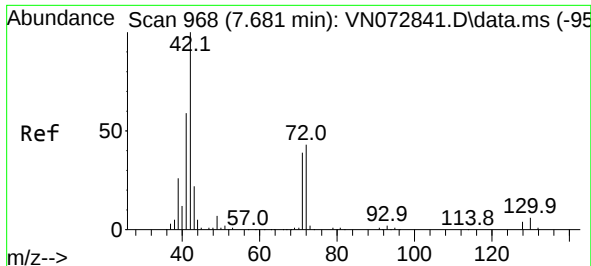
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#28
 Bromochloromethane
 Concen: 93.937 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072834.D
 Acq: 14 Jun 2022 14:35

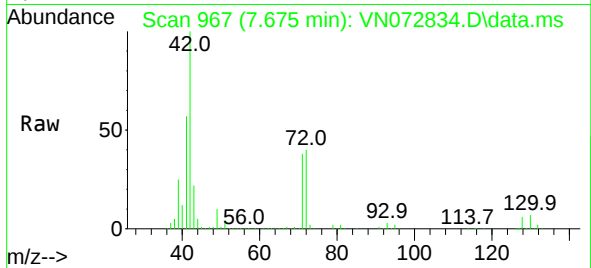
Tgt Ion: 49 Resp: 479395
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 69.5 69.7 104.5#





#29
Tetrahydrofuran
Concen: 502.370 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

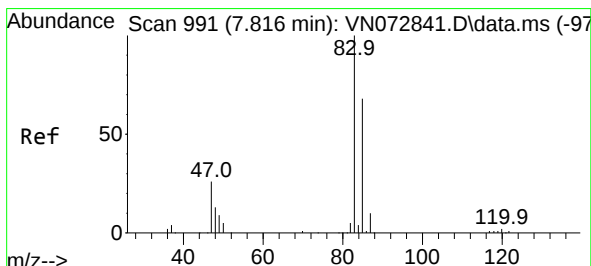
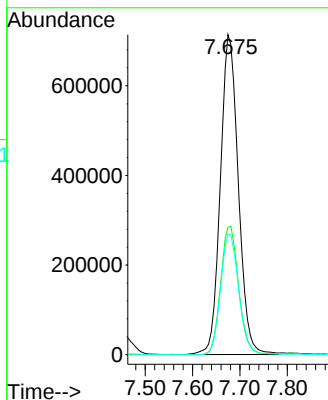
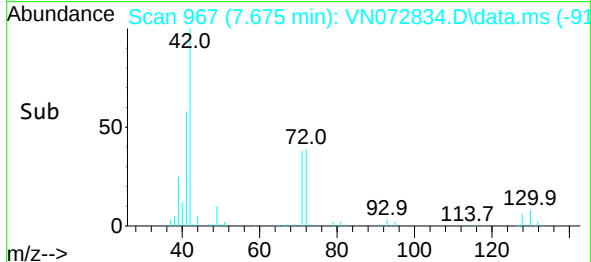
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



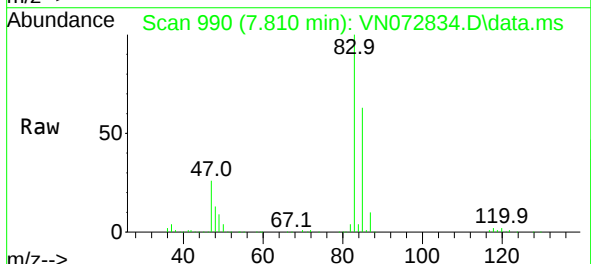
Tgt Ion: 42 Resp: 1880130
Ion Ratio Lower Upper
42 100
72 40.3 39.7 59.5
71 38.1 36.6 55.0

Manual Integrations
APPROVED

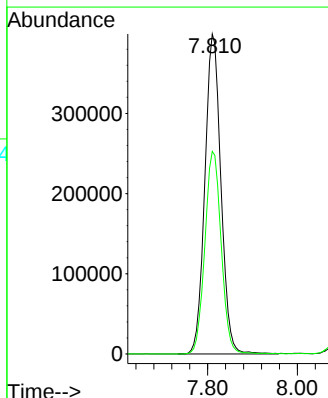
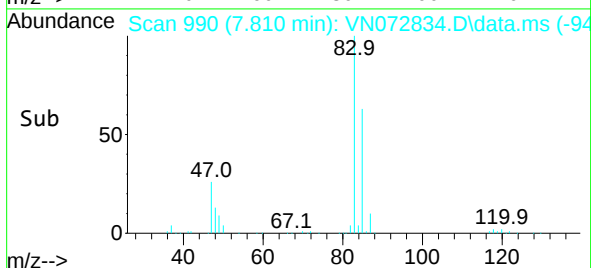
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

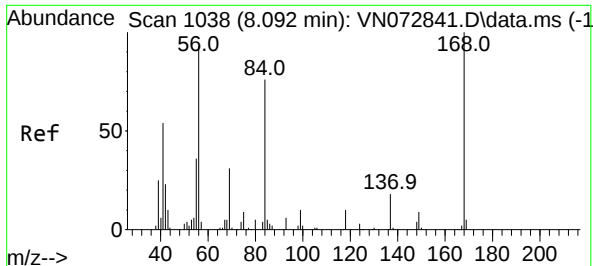


#30
Chloroform
Concen: 89.821 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion: 83 Resp: 991326
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.8





#31

Cyclohexane

Concen: 84.637 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 746380

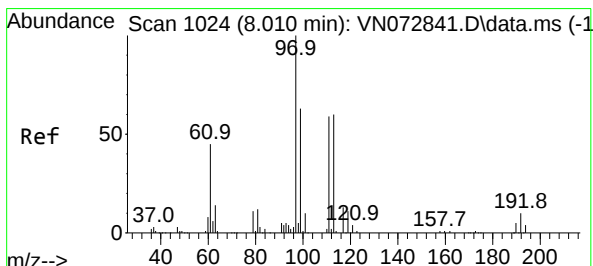
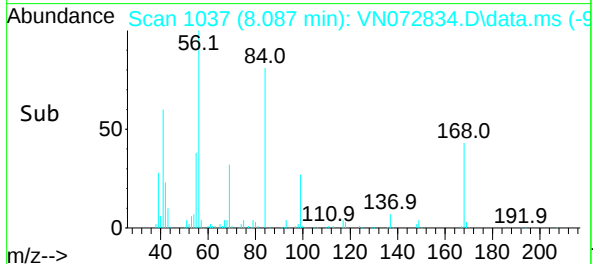
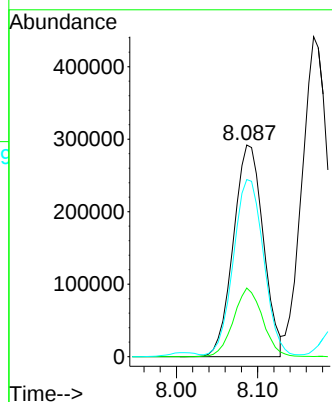
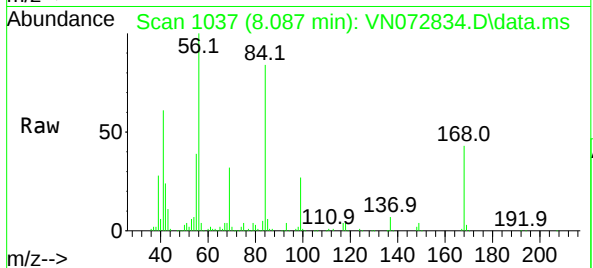
Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.8	41.8
84	81.7	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#32

1,1,1-Trichloroethane

Concen: 86.965 ug/l

RT: 8.004 min Scan# 1023

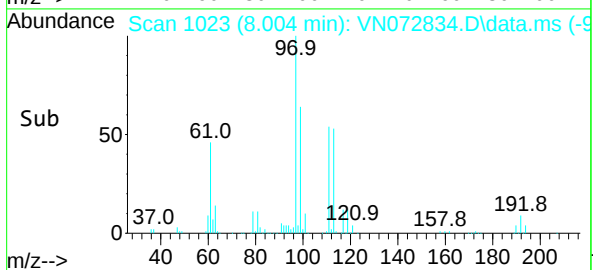
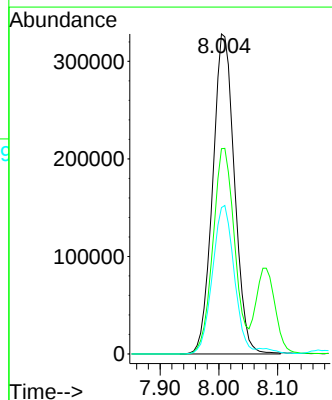
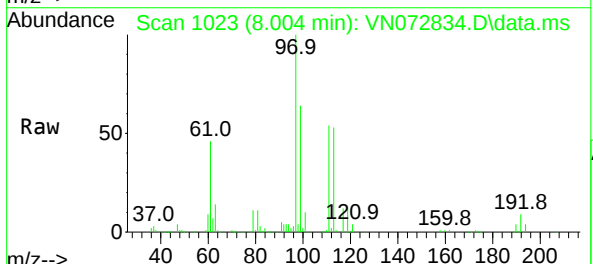
Delta R.T. -0.006 min

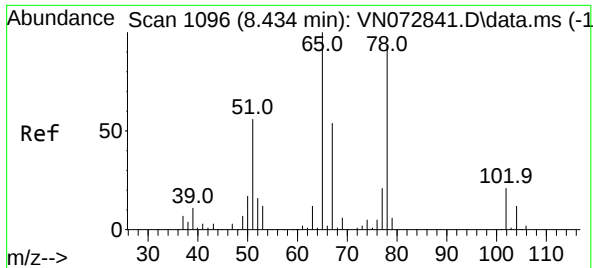
Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Tgt Ion: 97 Resp: 844752

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.6	76.0
61	46.3	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 87.737 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 724169

Ion Ratio Lower Upper

65 100

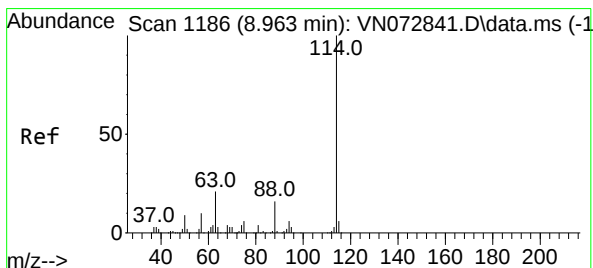
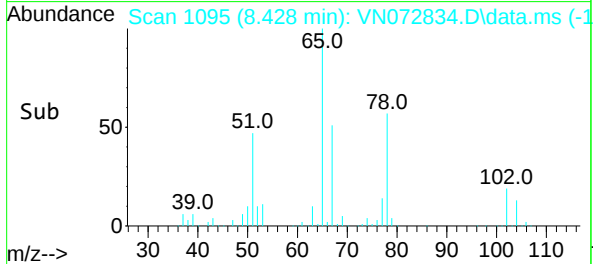
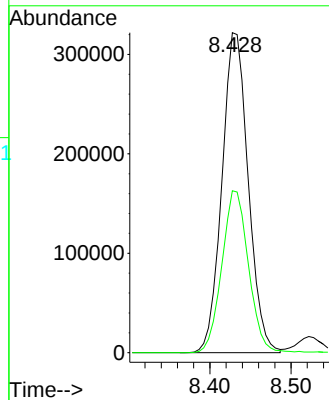
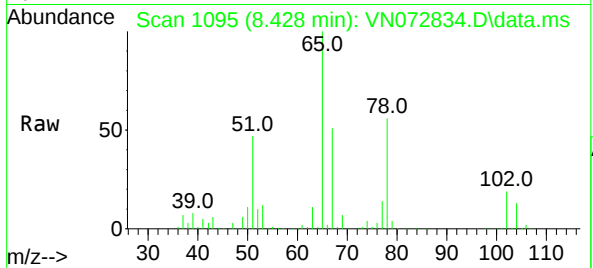
67 51.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

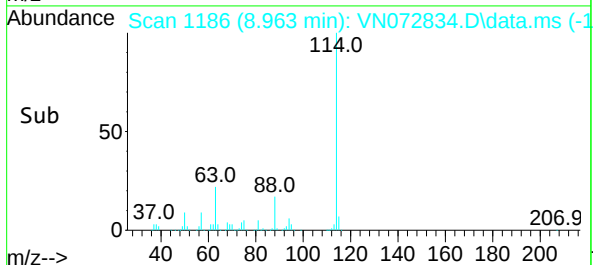
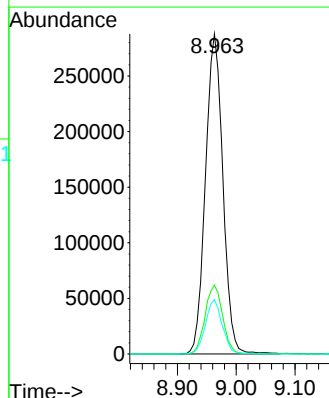
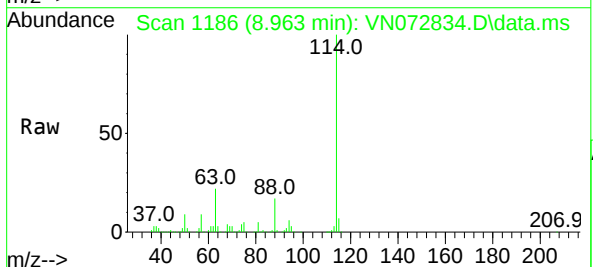
Tgt Ion:114 Resp: 591248

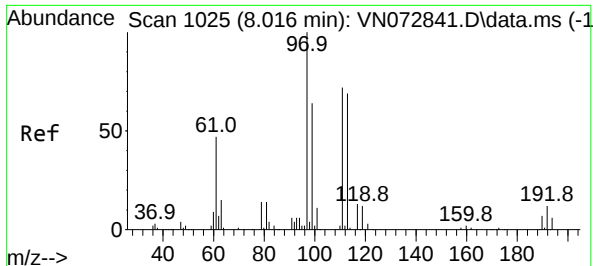
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 98.071 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 53484

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

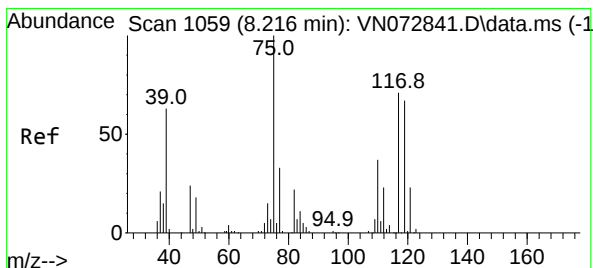
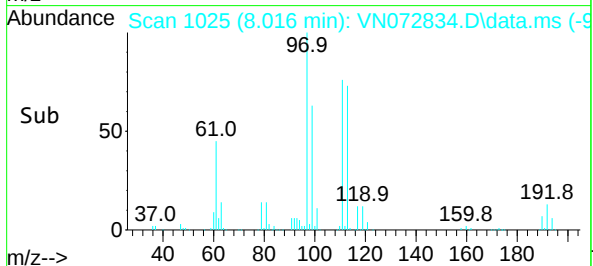
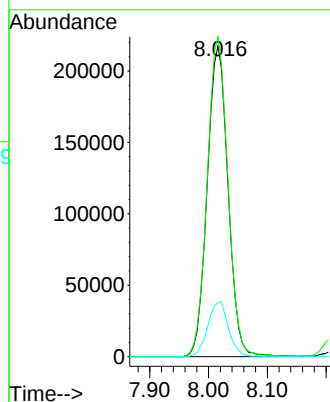
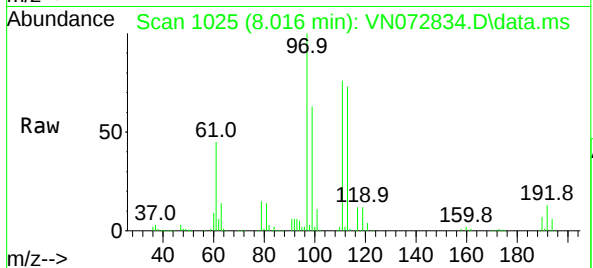
192 17.6 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#36

1,1-Dichloropropene

Concen: 85.861 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

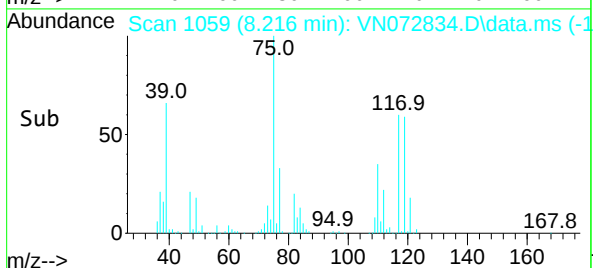
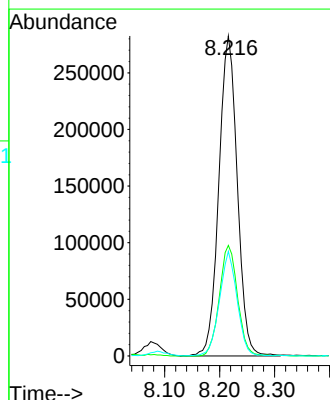
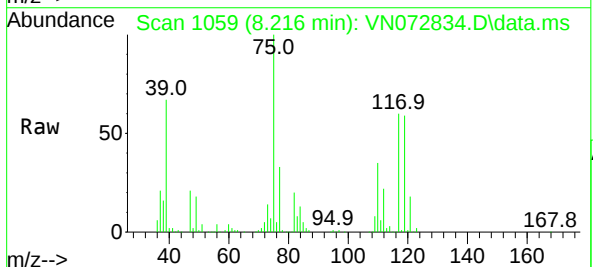
Tgt Ion: 75 Resp: 657992

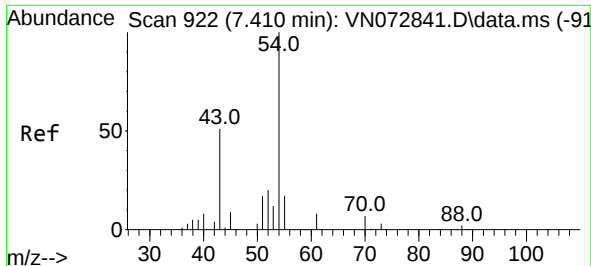
Ion Ratio Lower Upper

75 100

110 34.2 18.3 54.8

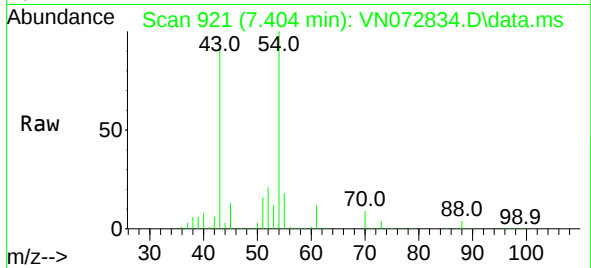
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 93.332 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

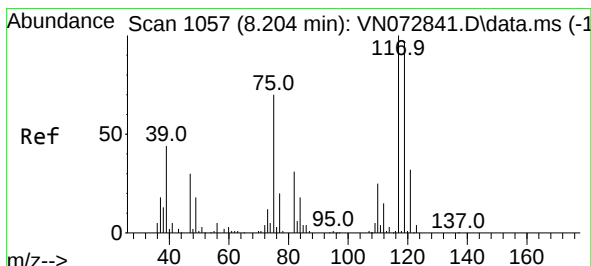
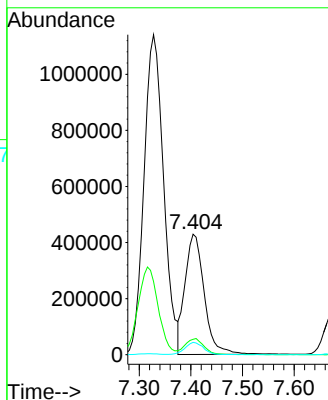
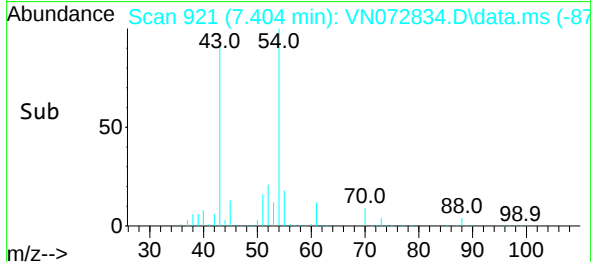
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 110074
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 9.8 9.3 13.9

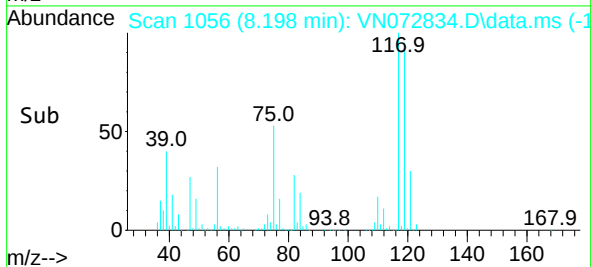
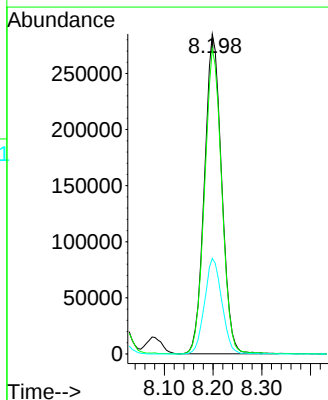
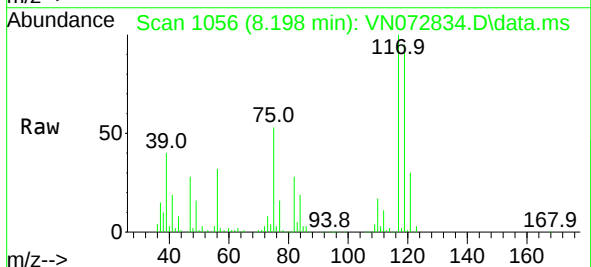
Manual Integrations
APPROVED

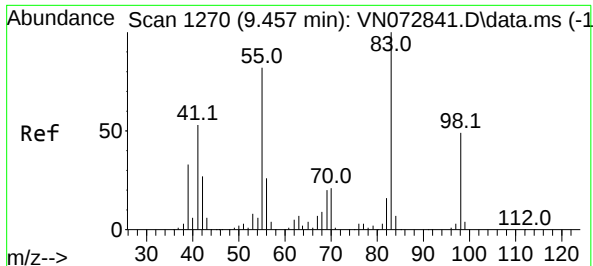
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#38
Carbon Tetrachloride
Concen: 86.974 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Tgt Ion:117 Resp: 695040
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
121 29.9 24.6 37.0





#39

Methylcyclohexane

Concen: 87.180 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

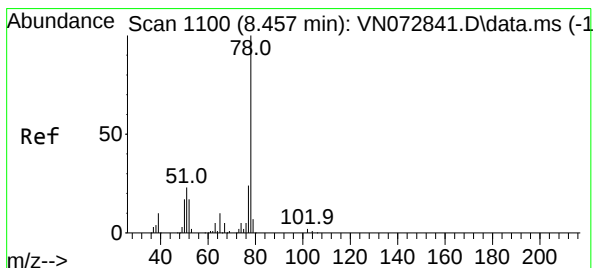
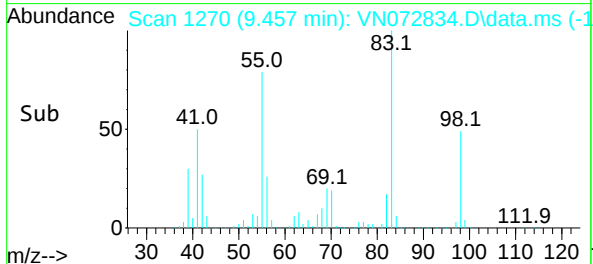
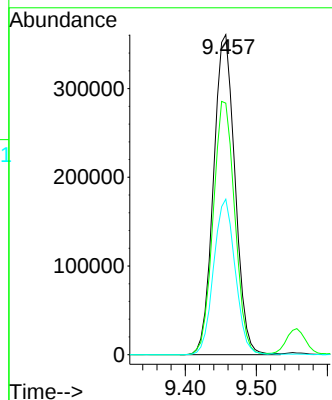
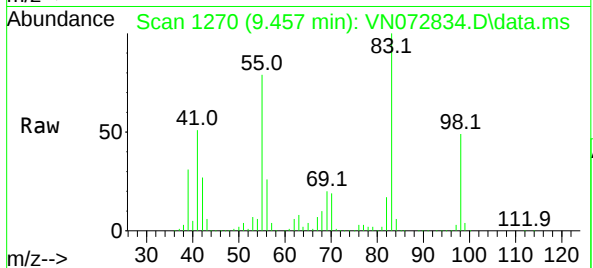
Tgt Ion: 83 Resp: 757674
 Ion Ratio Lower Upper
 83 100
 55 78.6 57.8 86.8
 98 48.6 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#40

Benzene

Concen: 91.267 ug/l

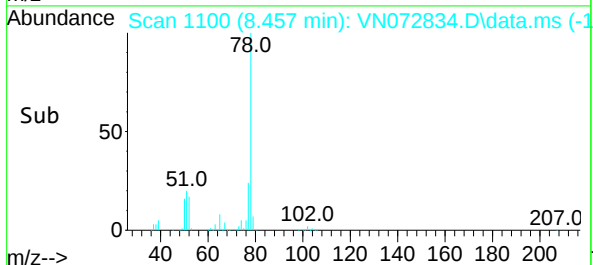
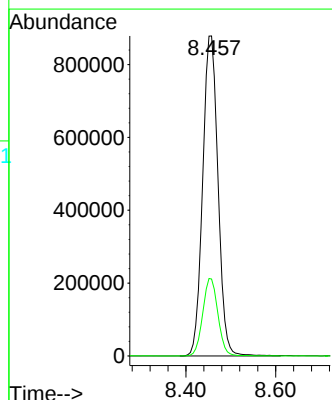
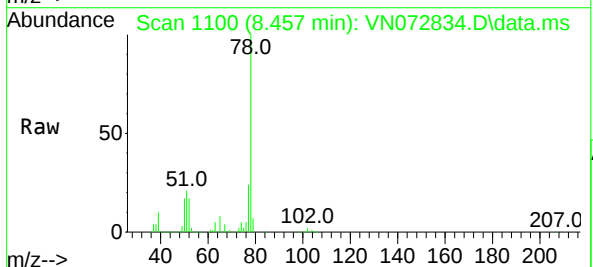
RT: 8.457 min Scan# 1100

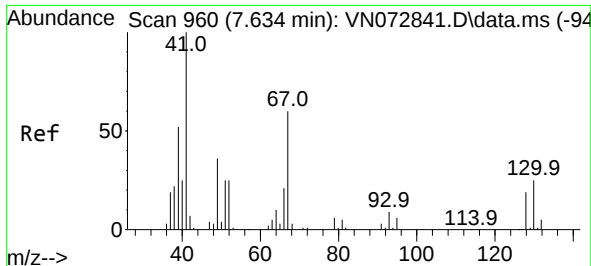
Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

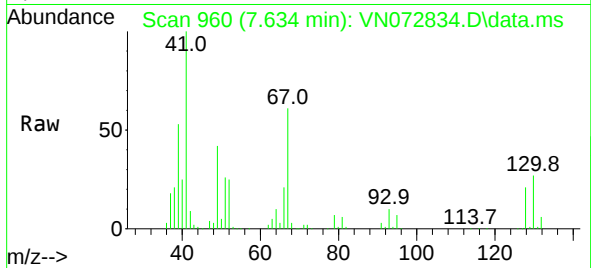
Tgt Ion: 78 Resp: 2082835
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 102.336 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

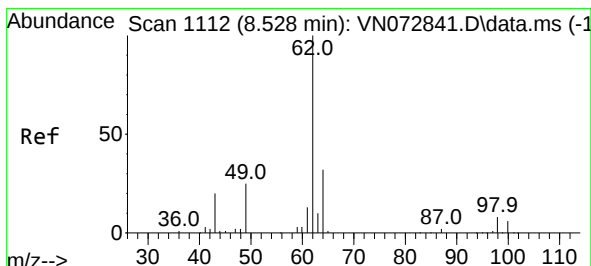
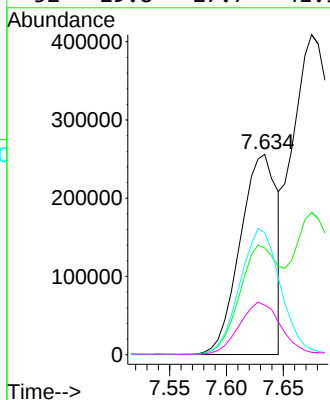
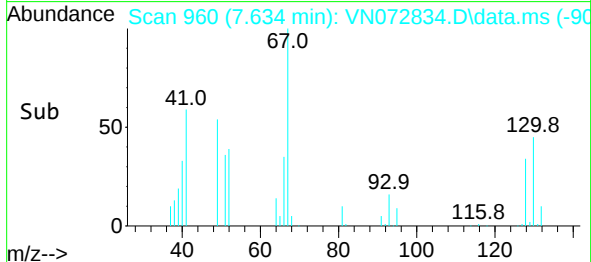
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150



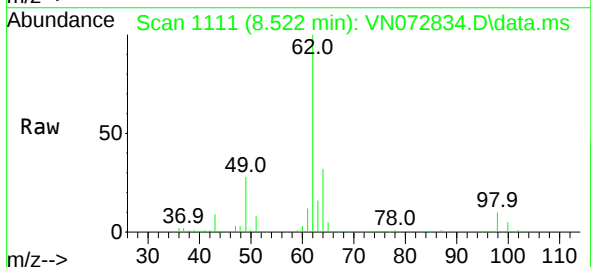
Tgt Ion: 41 Resp: 57620
Ion Ratio Lower Upper
41 100
39 61.6 48.6 73.0
67 70.5 73.4 110.2
52 29.8 27.7 41.5

Manual Integrations
APPROVED

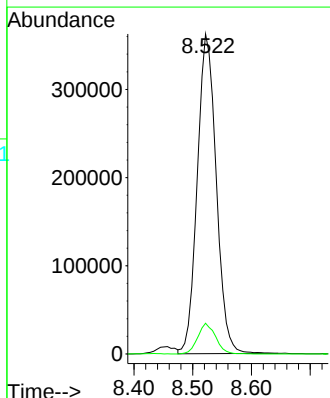
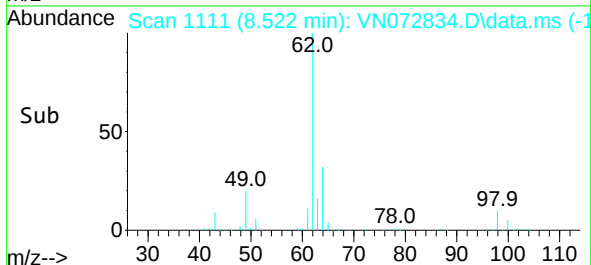
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

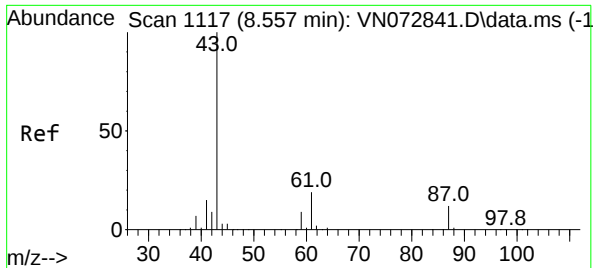


#42
1,2-Dichloroethane
Concen: 83.597 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion: 62 Resp: 813034
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 96.942 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 1758350

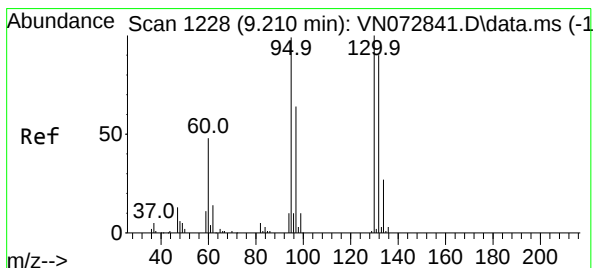
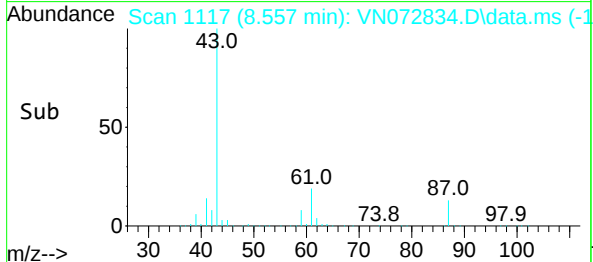
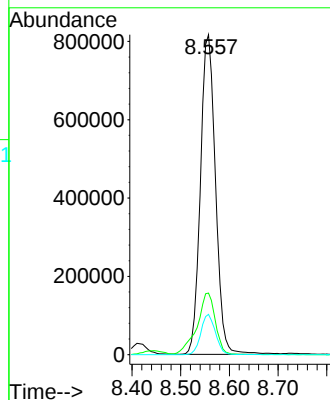
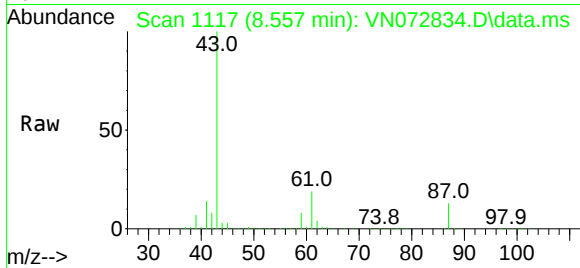
Ion	Ratio	Lower	Upper
43	100		
61	23.4	21.9	32.9
87	12.2	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#44

Trichloroethene

Concen: 98.967 ug/l

RT: 9.210 min Scan# 1228

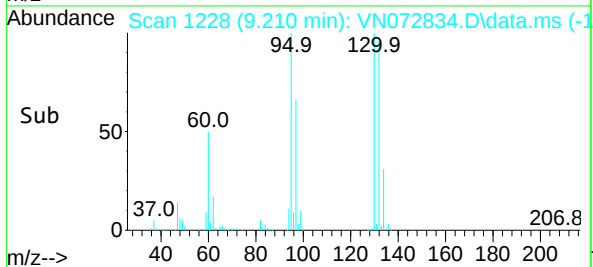
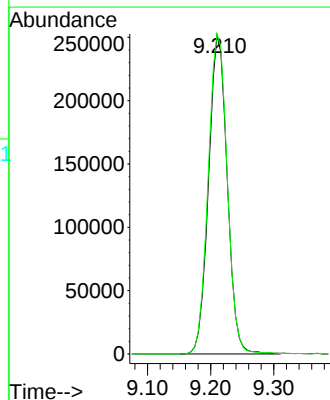
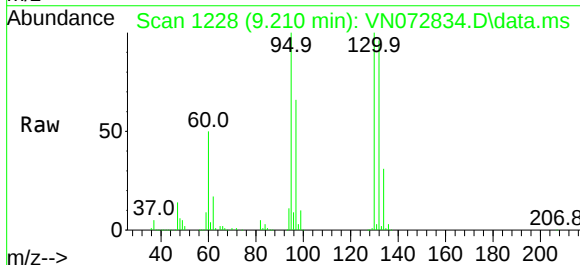
Delta R.T. -0.006 min

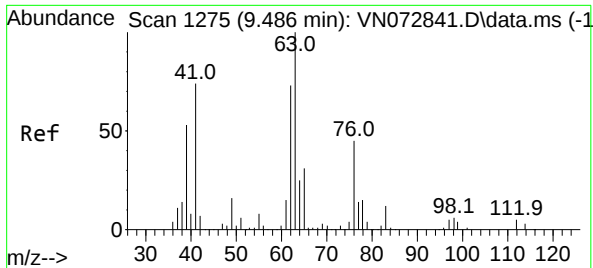
Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Tgt Ion:130 Resp: 515595

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	186.8





#45

1,2-Dichloropropane

Concen: 91.697 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 58777

Ion Ratio Lower Upper

63 100

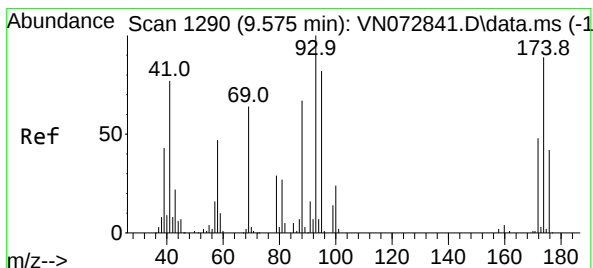
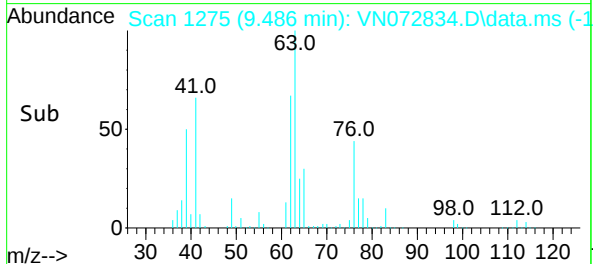
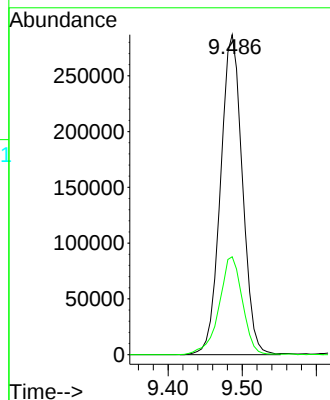
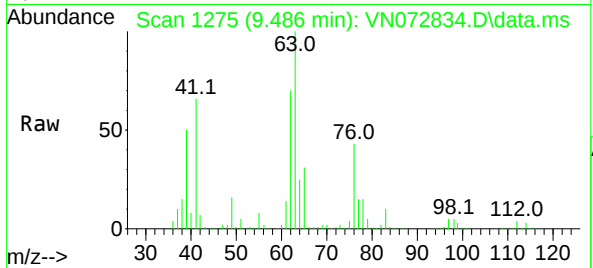
65 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#46

Dibromomethane

Concen: 89.475 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

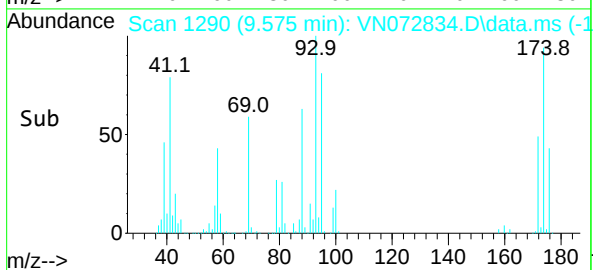
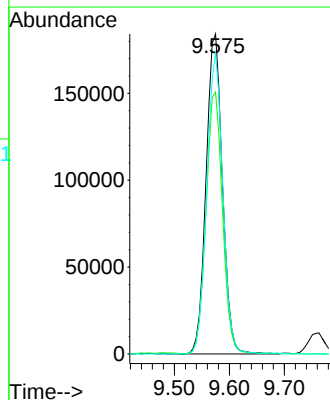
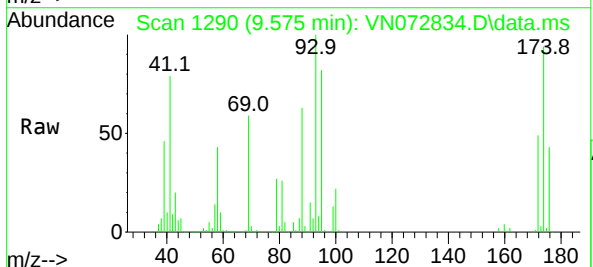
Tgt Ion: 93 Resp: 381780

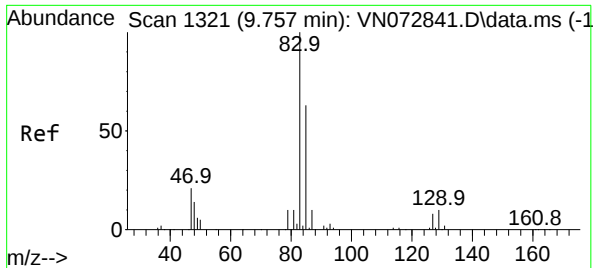
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

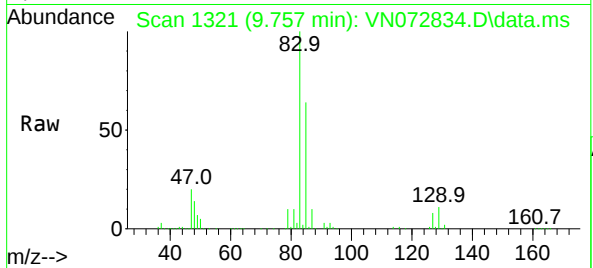
174 91.8 86.6 130.0





#47
Bromodichloromethane
Concen: 94.647 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

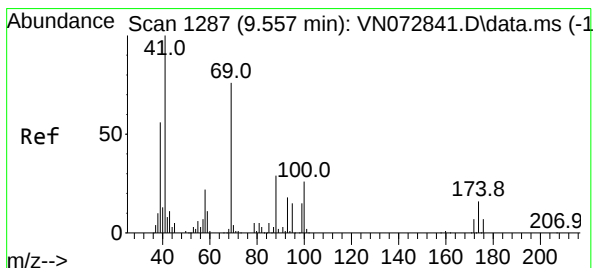
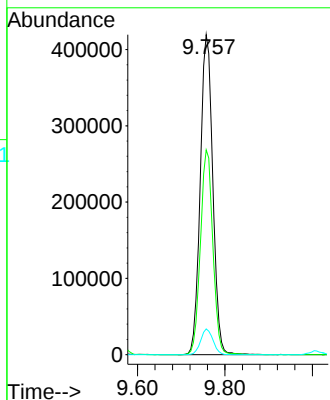
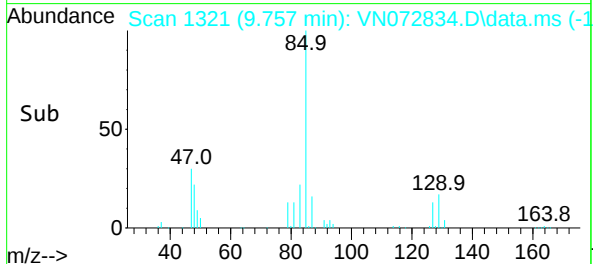
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



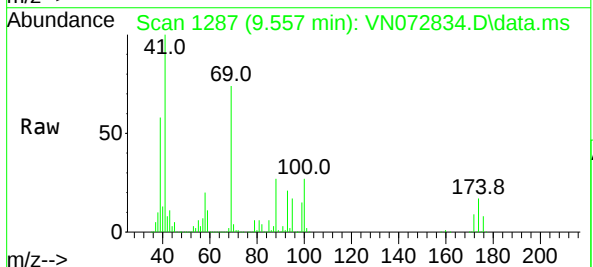
Tgt Ion: 83 Resp: 837470
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.0 6.8 10.2

Manual Integrations
APPROVED

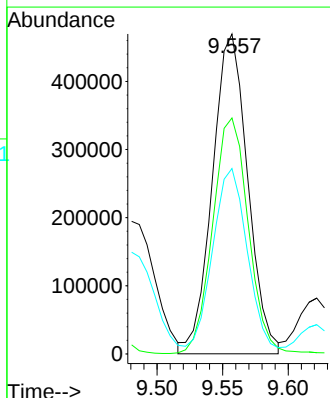
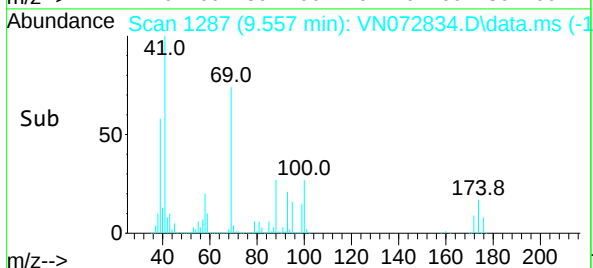
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

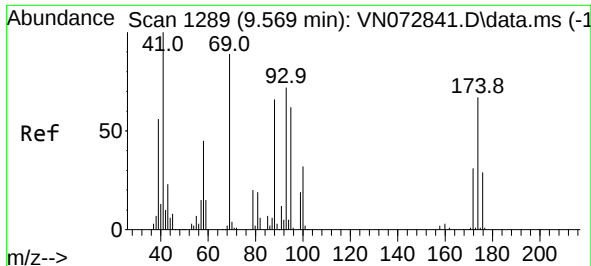


#48
Methyl methacrylate
Concen: 103.798 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion: 41 Resp: 879164
Ion Ratio Lower Upper
41 100
69 75.1 74.7 112.1
39 57.6 45.6 68.4





#49

1,4-Dioxane

Concen: 2166.701 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.006 min

Lab File: VN072834.D

Acq: 14 Jun 2022 14:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 311410

Ion Ratio Lower Upper

88 100

43 36.0 20.2 30.4

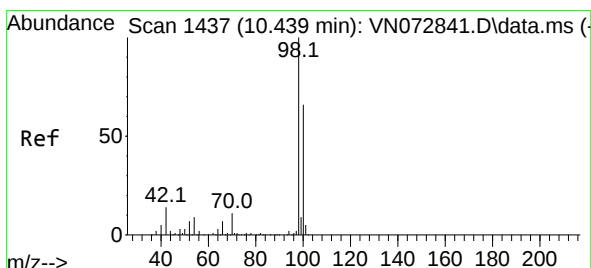
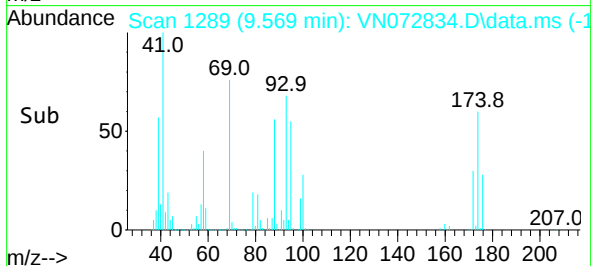
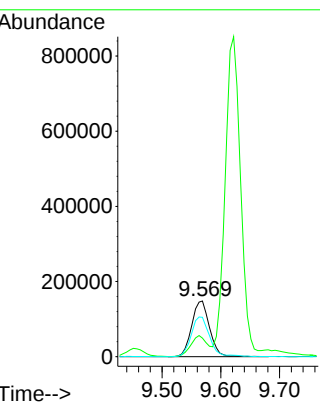
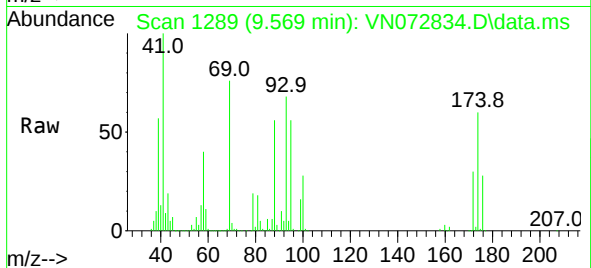
58 74.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#50

Toluene-d8

Concen: 98.750 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072834.D

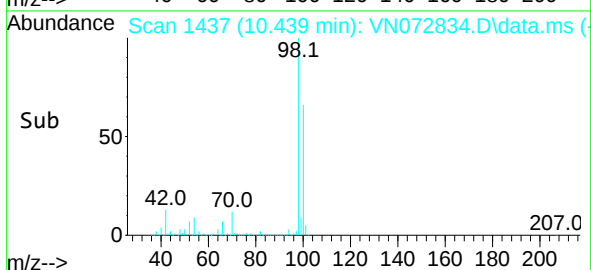
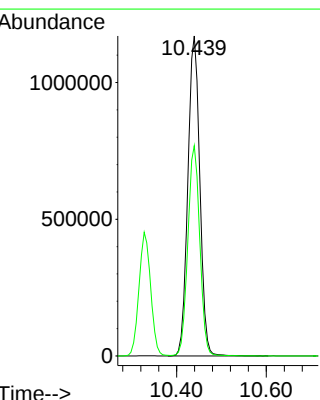
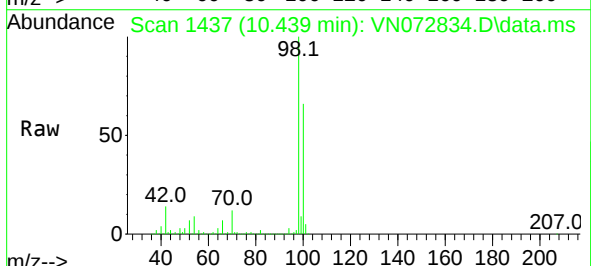
Acq: 14 Jun 2022 14:35

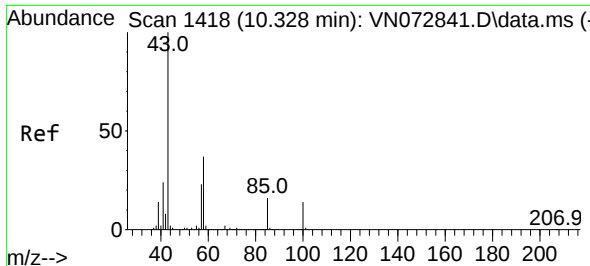
Tgt Ion: 98 Resp: 2162359

Ion Ratio Lower Upper

98 100

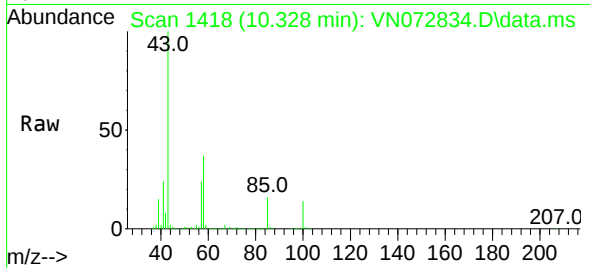
100 65.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 493.815 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

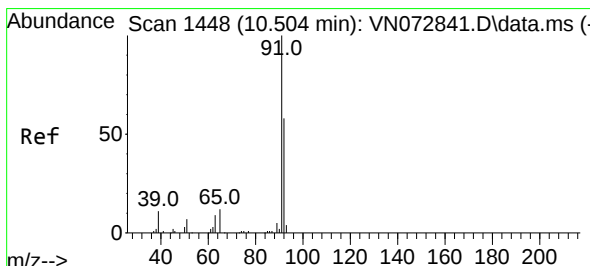
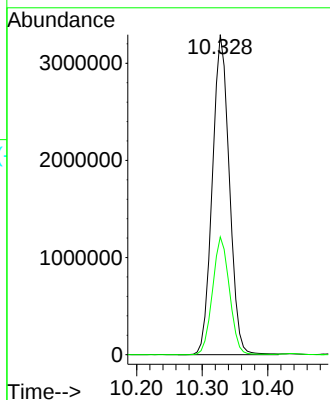
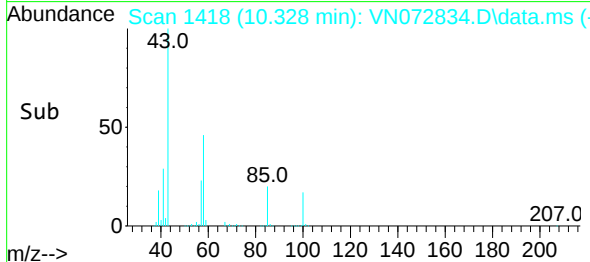
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 592192
Ion Ratio Lower Upper
43 100
58 36.6 34.1 51.1

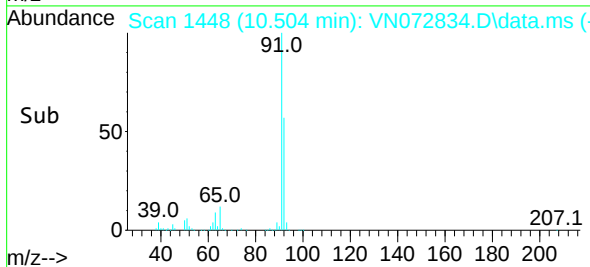
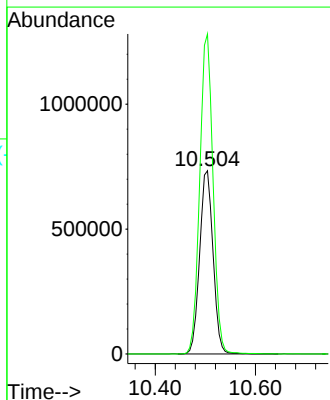
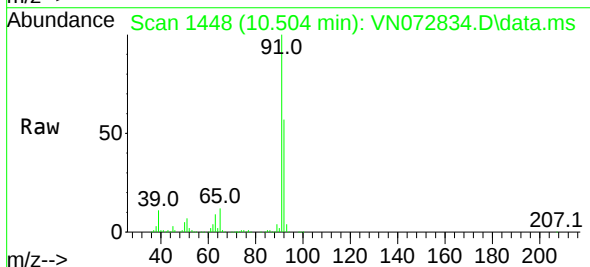
Manual Integrations
APPROVED

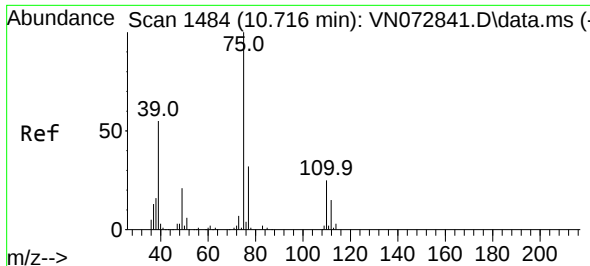
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#52
Toluene
Concen: 94.174 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

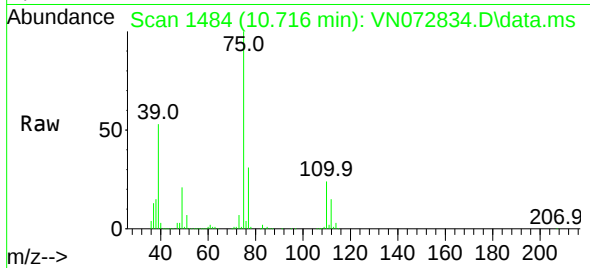
Tgt Ion: 92 Resp: 1362238
Ion Ratio Lower Upper
92 100
91 173.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 102.336 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

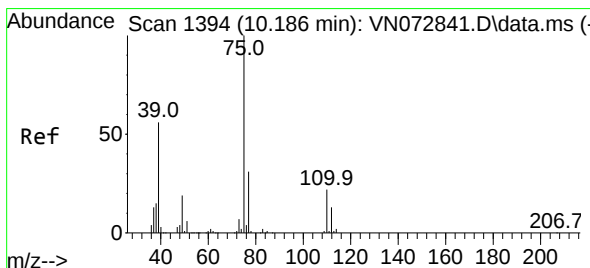
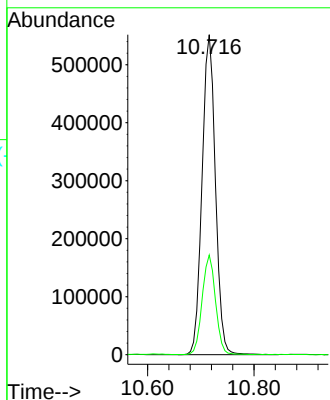
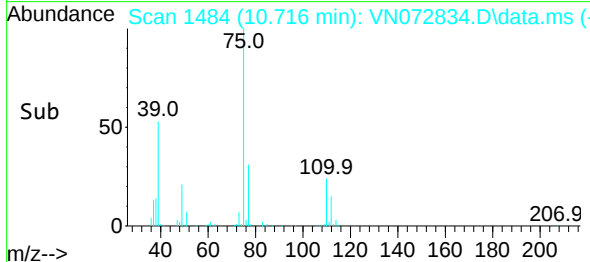
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



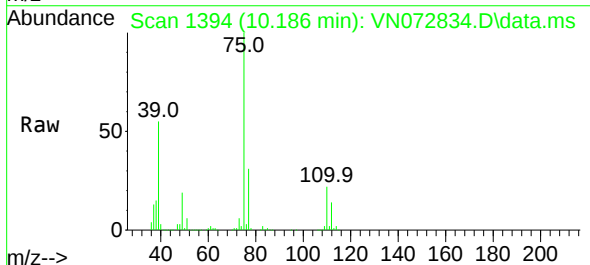
Tgt Ion: 75 Resp: 95939
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

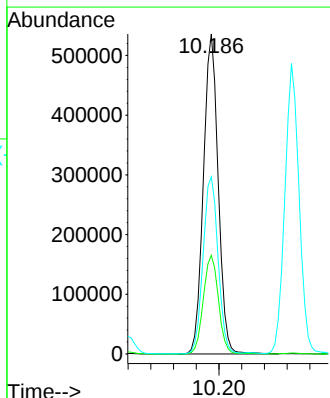
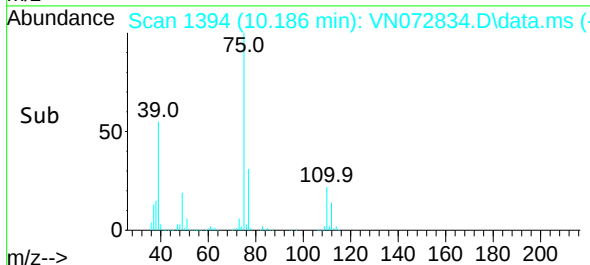
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

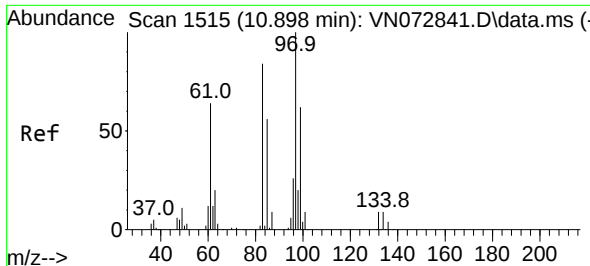


#54
cis-1,3-Dichloropropene
Concen: 96.673 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



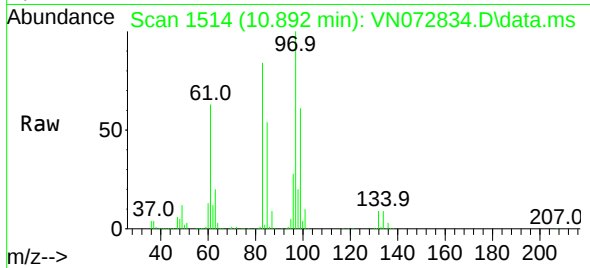
Tgt Ion: 75 Resp: 967086
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 55.3 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 98.099 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

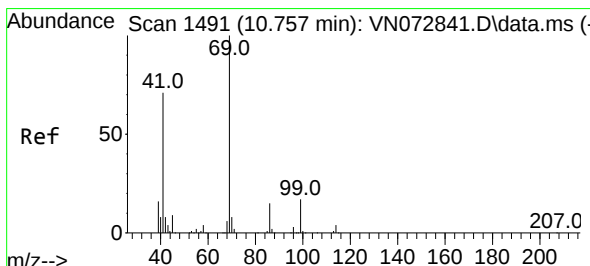
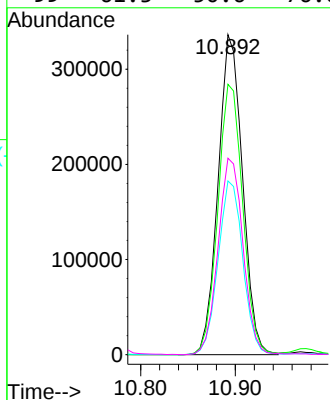
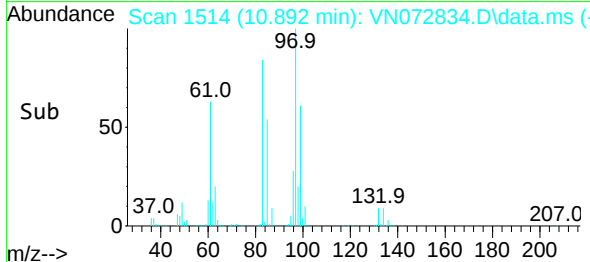
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



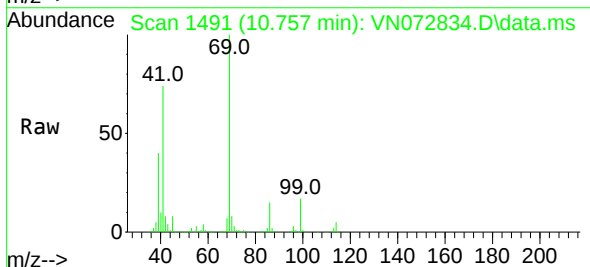
Tgt Ion: 97 Resp: 602207
Ion Ratio Lower Upper
97 100
83 84.5 66.2 99.4
85 54.3 43.9 65.9
99 61.3 50.6 76.0

Manual Integrations
APPROVED

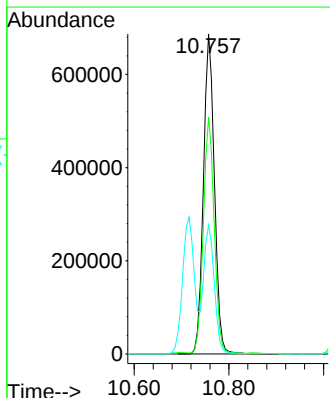
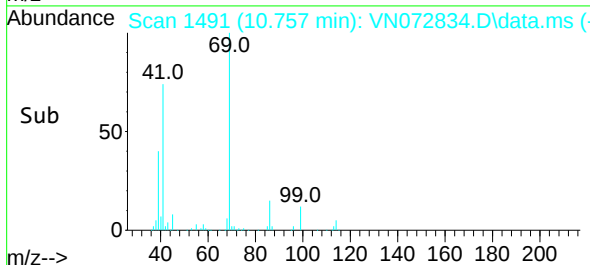
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

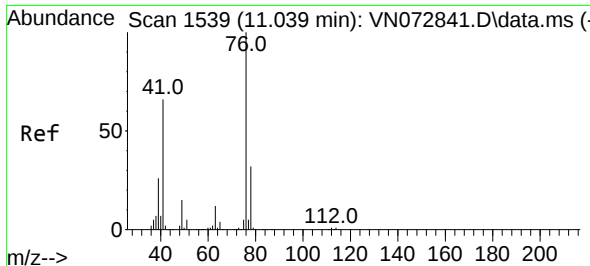


#56
Ethyl methacrylate
Concen: 103.944 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



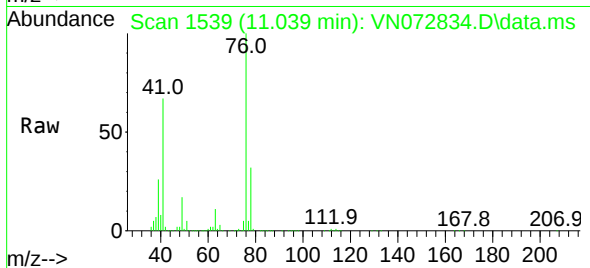
Tgt Ion: 69 Resp: 1108307
Ion Ratio Lower Upper
69 100
41 72.9 47.8 71.6#
39 37.9 27.3 40.9





#57
1,3-Dichloropropane
Concen: 94.432 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

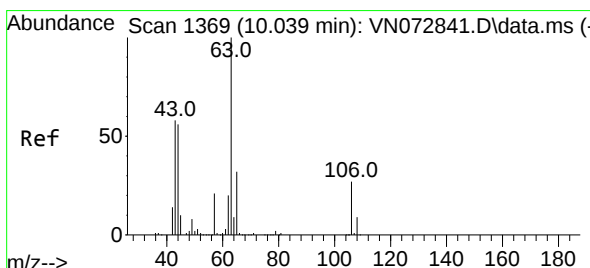
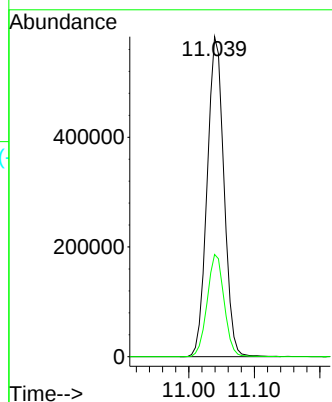
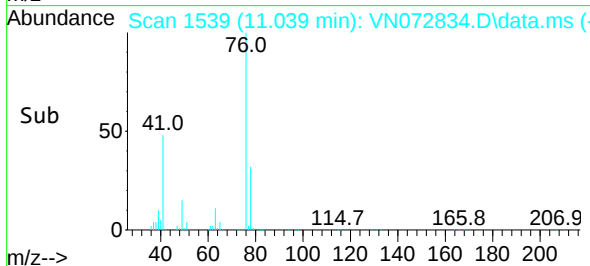
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



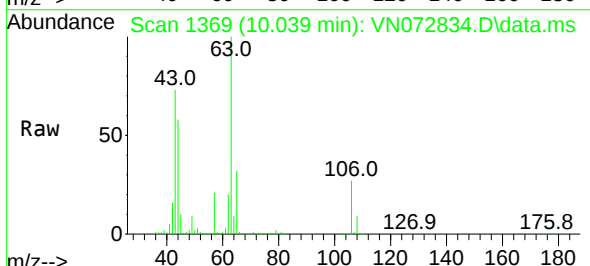
Tgt Ion: 76 Resp: 1037848
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

Manual Integrations
APPROVED

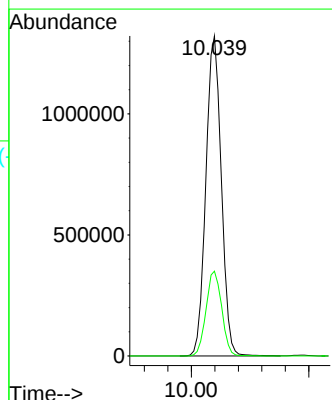
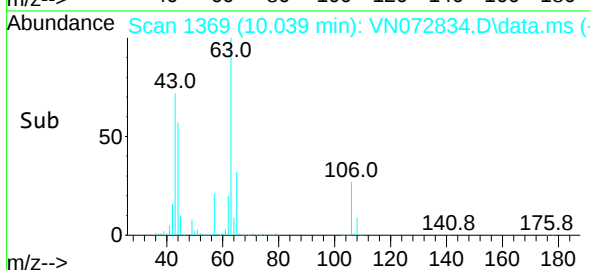
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

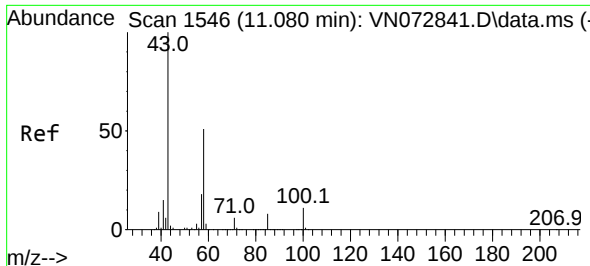


#58
2-Chloroethyl Vinyl ether
Concen: 539.170 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



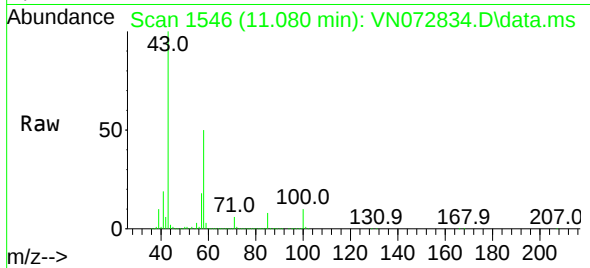
Tgt Ion: 63 Resp: 2407988
Ion Ratio Lower Upper
63 100
106 26.9 24.6 36.8





#59
2-Hexanone
Concen: 494.604 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

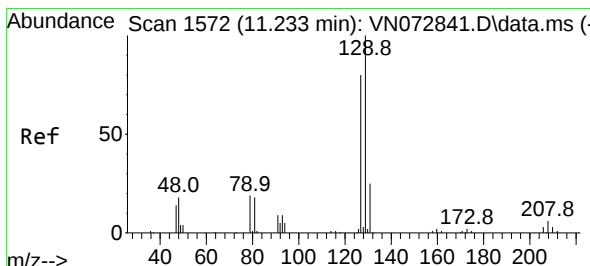
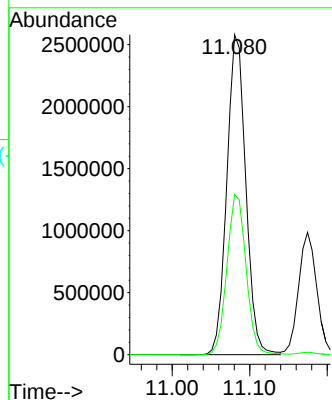
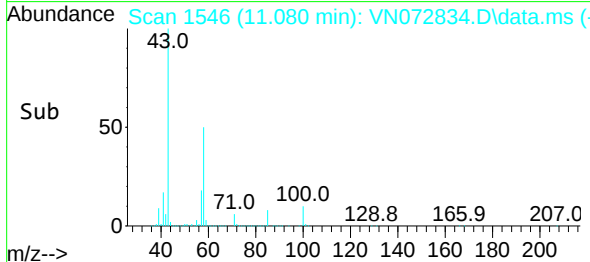
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 438490
Ion Ratio Lower Upper
43 100
58 50.8 29.7 89.1

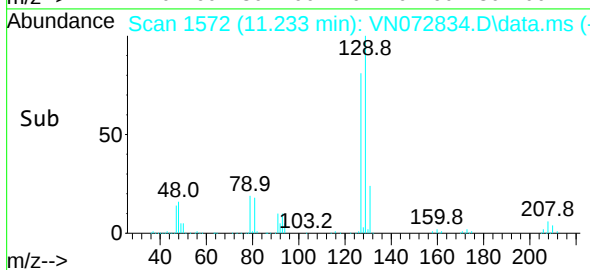
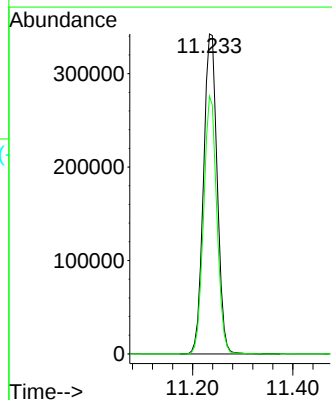
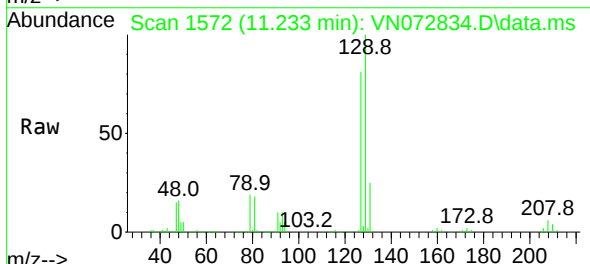
Manual Integrations
APPROVED

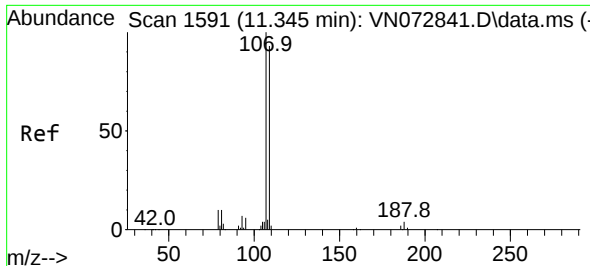
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#60
Dibromochloromethane
Concen: 102.542 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

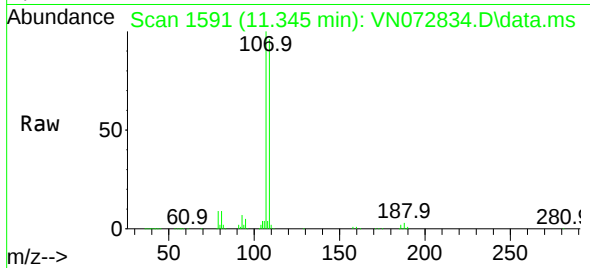
Tgt Ion:129 Resp: 648927
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 101.239 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

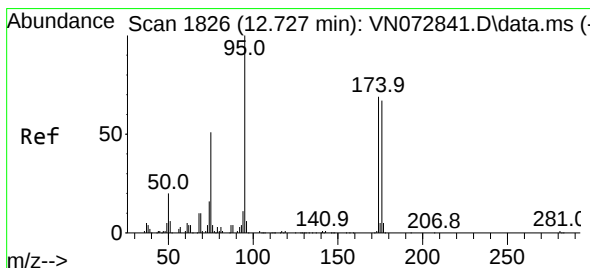
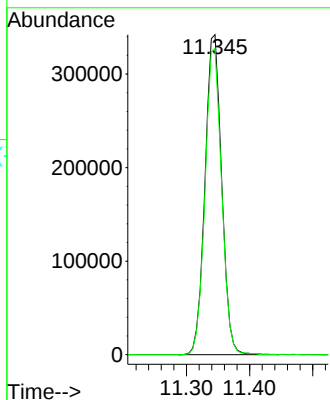
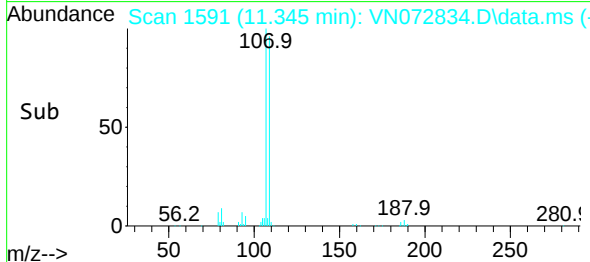
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



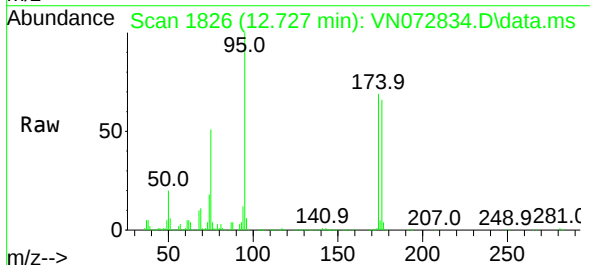
Tgt Ion:107 Resp: 626472
Ion Ratio Lower Upper
107 100
109 95.4 75.0 112.6

Manual Integrations
APPROVED

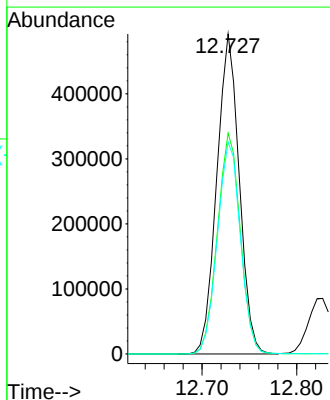
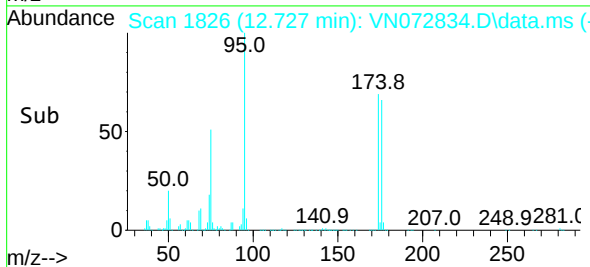
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

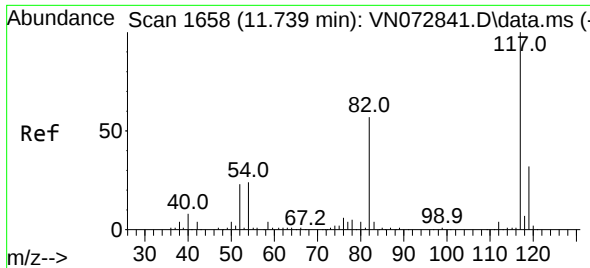


#62
4-Bromofluorobenzene
Concen: 105.113 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



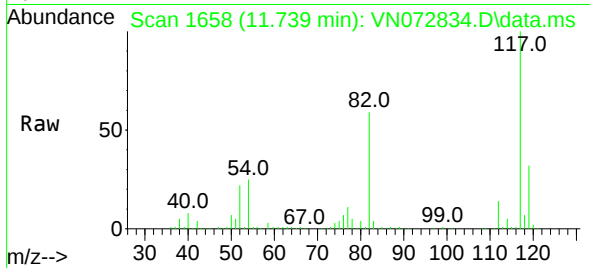
Tgt Ion: 95 Resp: 809851
Ion Ratio Lower Upper
95 100
174 70.6 0.0 167.6
176 68.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

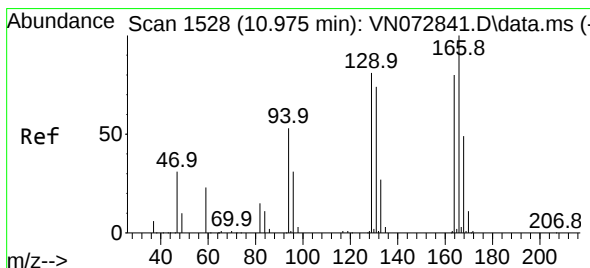
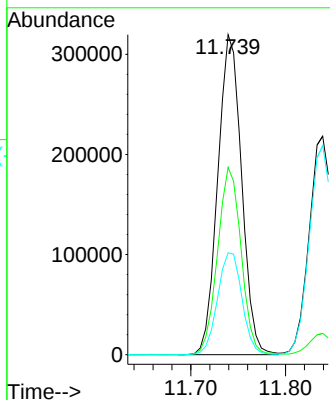
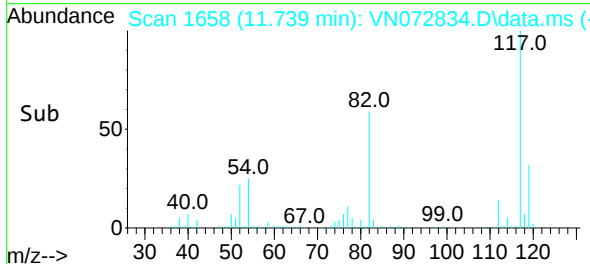
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



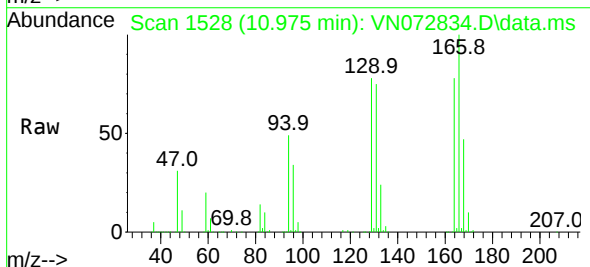
Tgt Ion:117 Resp: 55889
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
APPROVED

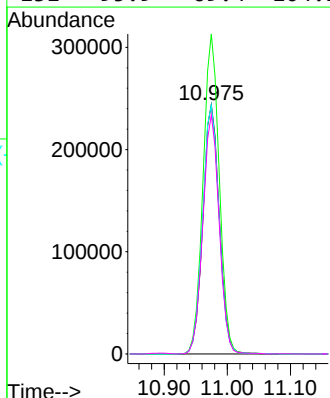
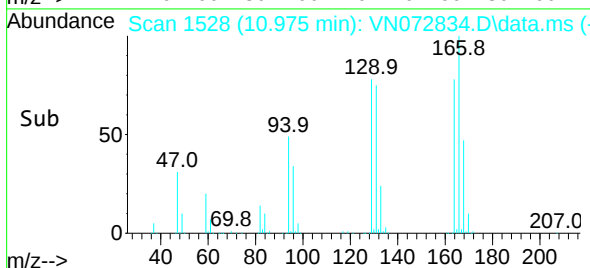
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

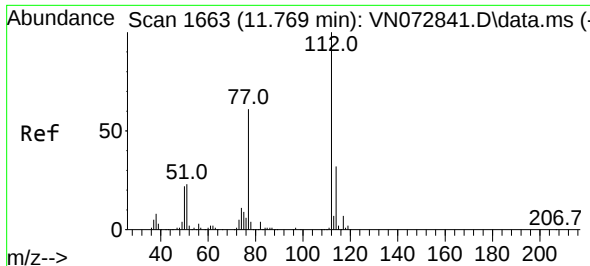


#64
Tetrachloroethene
Concen: 106.413 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



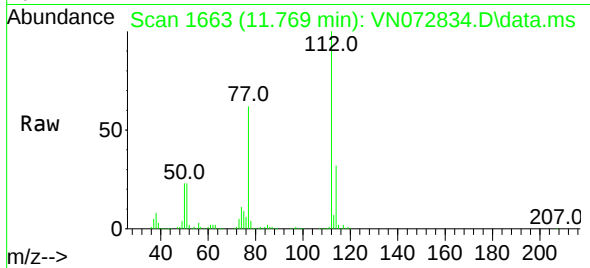
Tgt Ion:164 Resp: 440452
Ion Ratio Lower Upper
164 100
166 128.4 104.2 156.2
129 99.9 73.9 110.9
131 95.9 69.4 104.2





#65
Chlorobenzene
Concen: 107.880 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

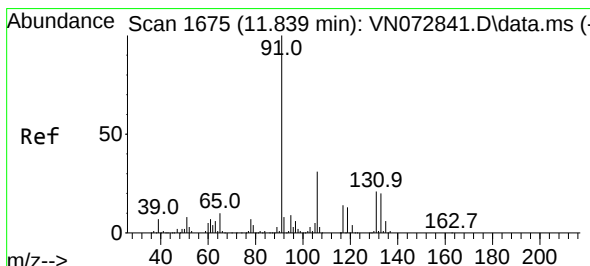
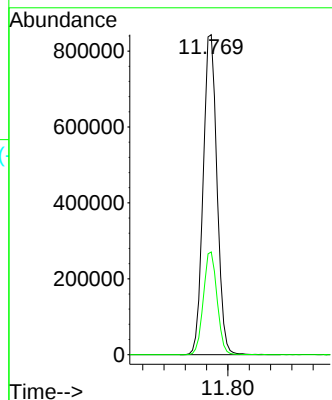
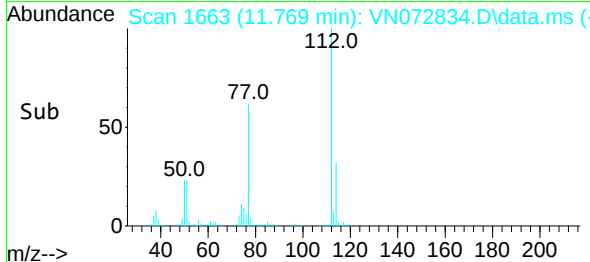
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 151591
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

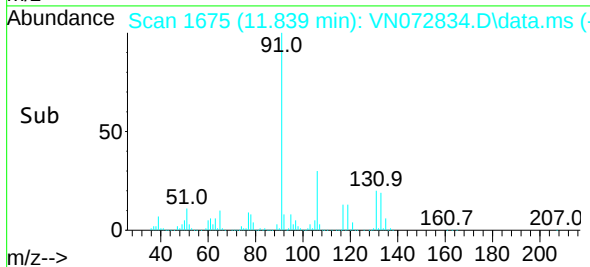
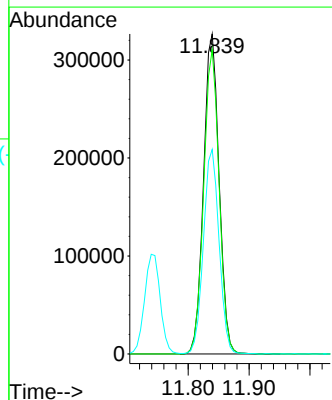
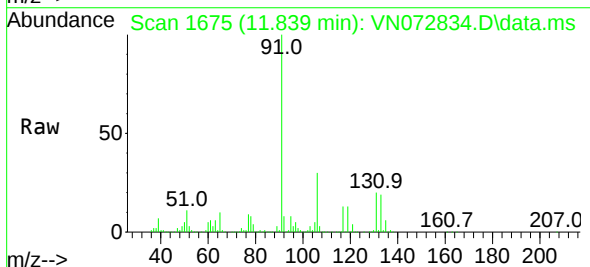
Manual Integrations
APPROVED

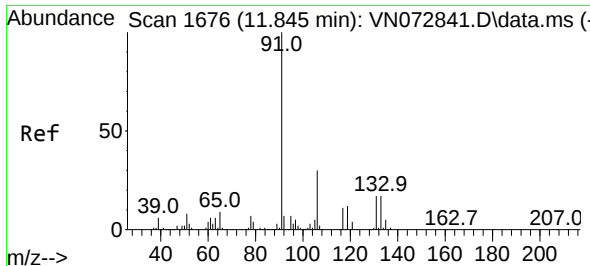
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 108.686 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

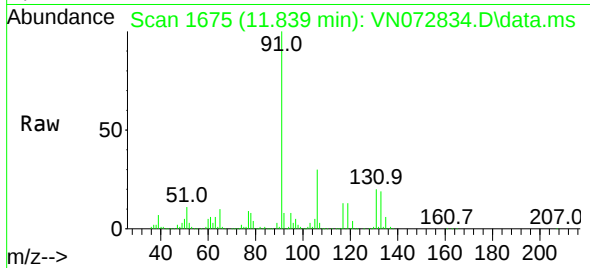
Tgt Ion:131 Resp: 578918
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 64.6 33.4 100.2





#67
Ethyl Benzene
Concen: 105.499 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

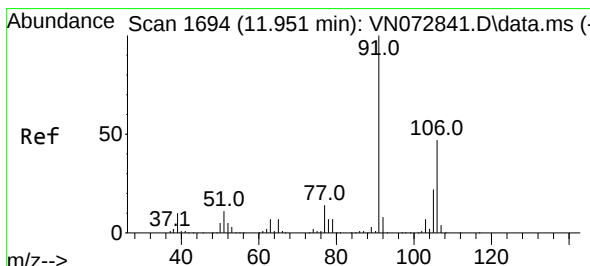
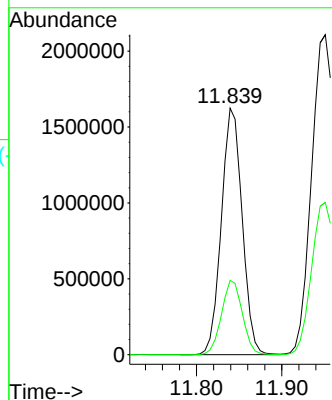
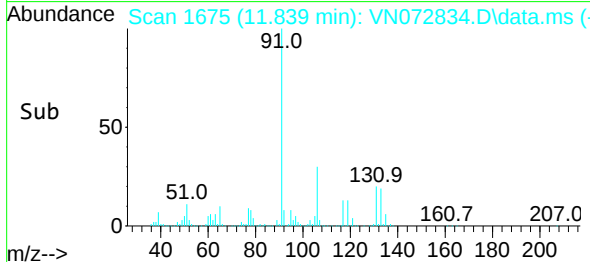
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 2754015
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

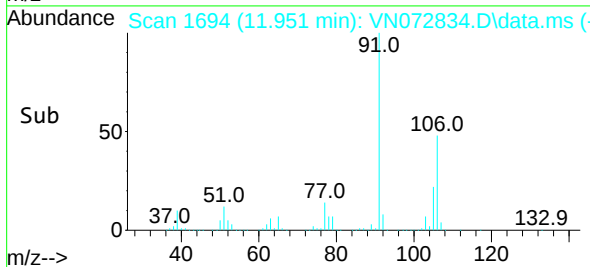
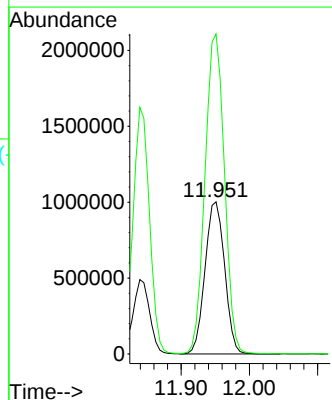
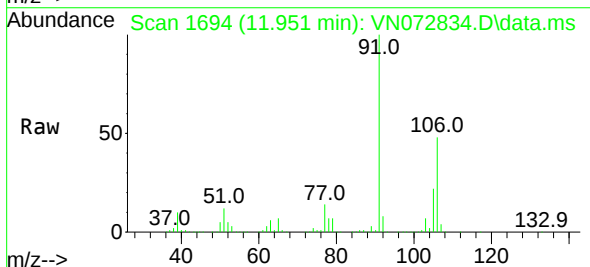
Manual Integrations
APPROVED

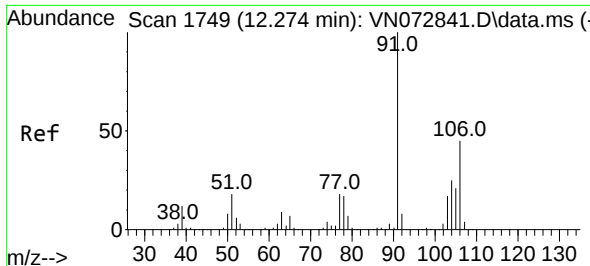
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#68
m/p-Xylenes
Concen: 214.013 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Tgt Ion:106 Resp: 2004673
Ion Ratio Lower Upper
106 100
91 208.7 158.9 238.3





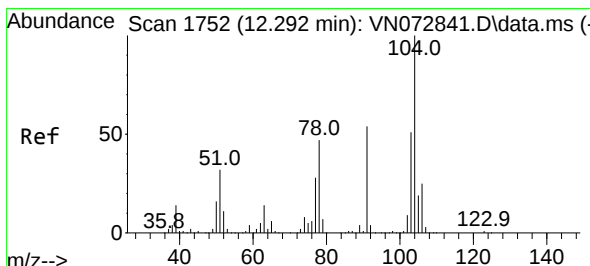
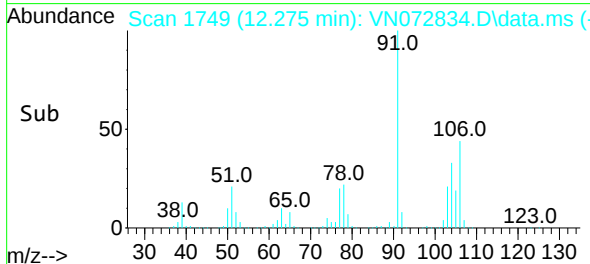
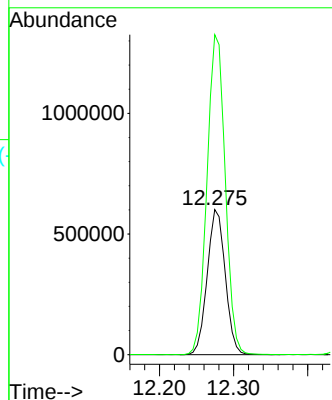
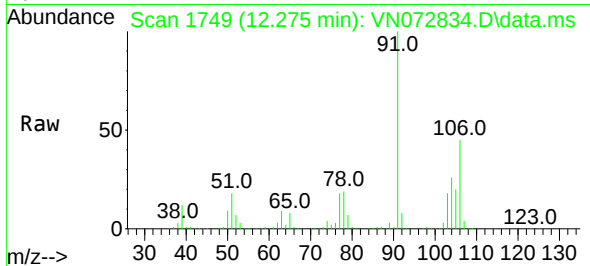
#69
o-Xylene
Concen: 107.976 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1016860
Ion Ratio Lower Upper
106 100
91 222.6 106.0 318.0

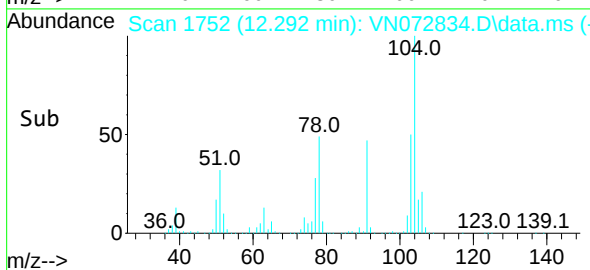
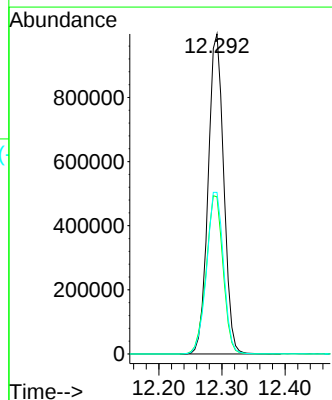
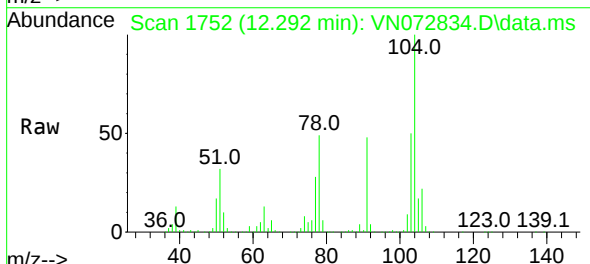
Manual Integrations
APPROVED

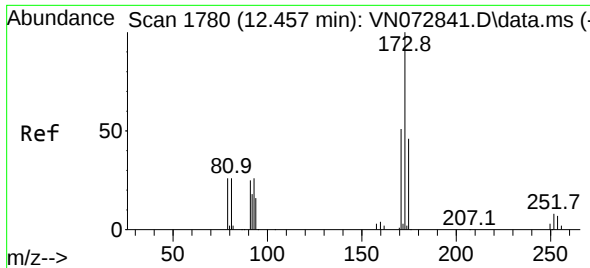
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#70
Styrene
Concen: 114.209 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

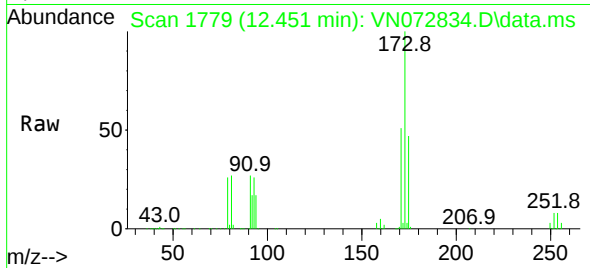
Tgt Ion:104 Resp: 1714640
Ion Ratio Lower Upper
104 100
78 53.6 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 124.064 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

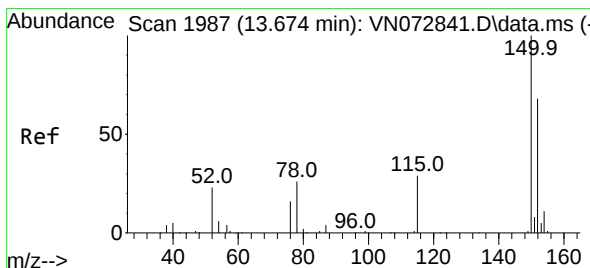
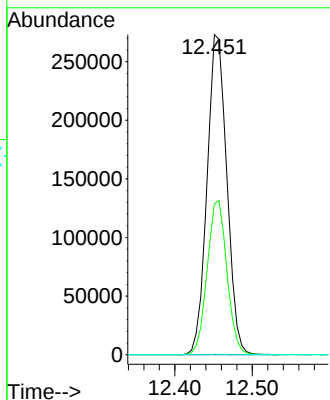
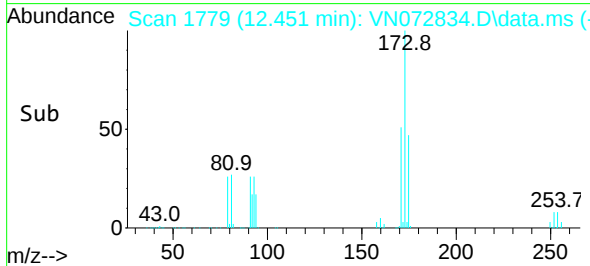
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



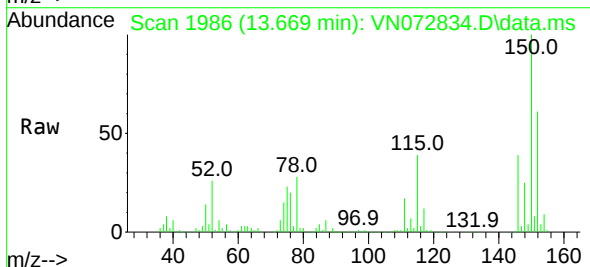
Tgt Ion:173 Resp: 484570
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

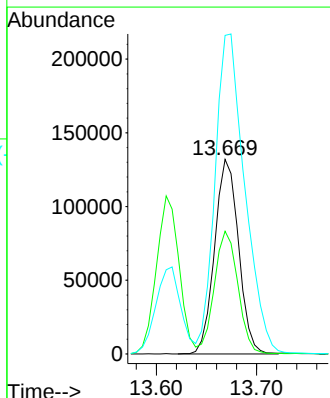
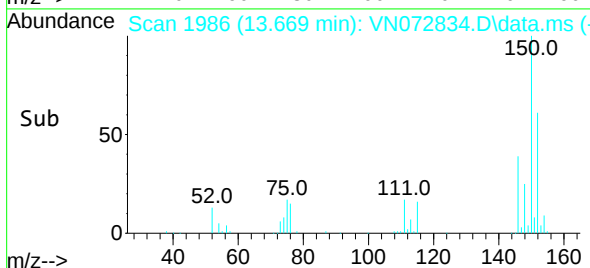
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

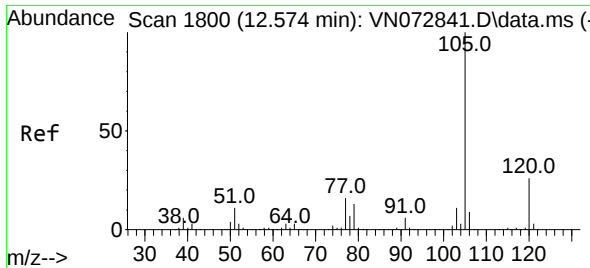


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion:152 Resp: 218963
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 204.4 0.0 356.2





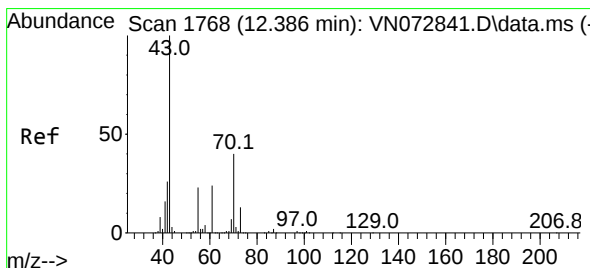
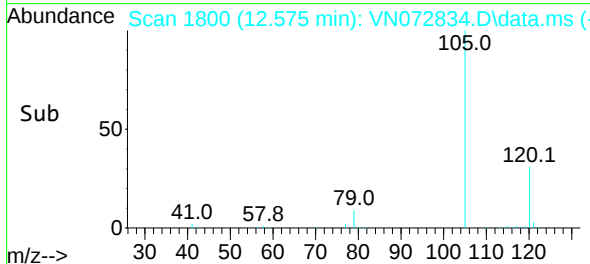
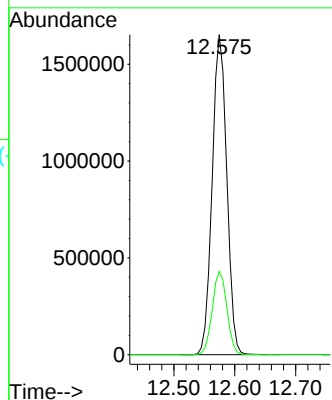
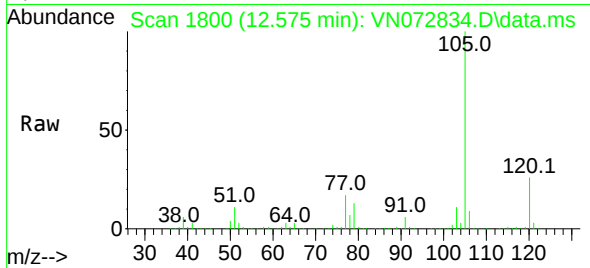
#73
Isopropylbenzene
Concen: 125.307 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 274762
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

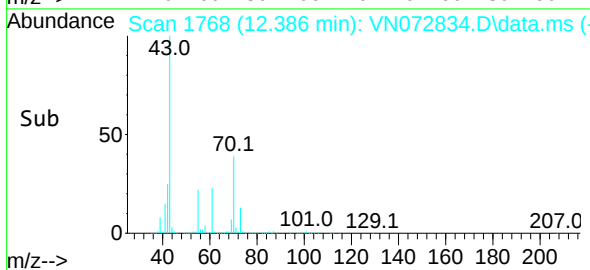
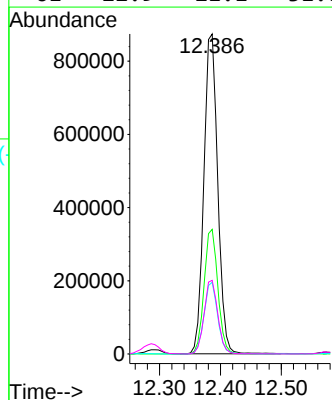
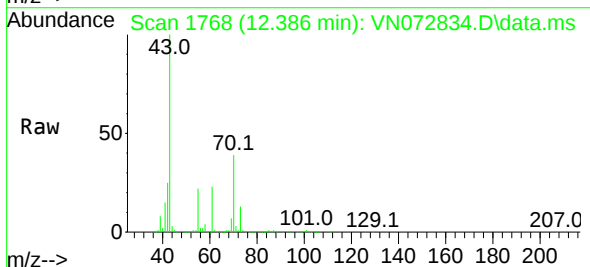
Manual Integrations
APPROVED

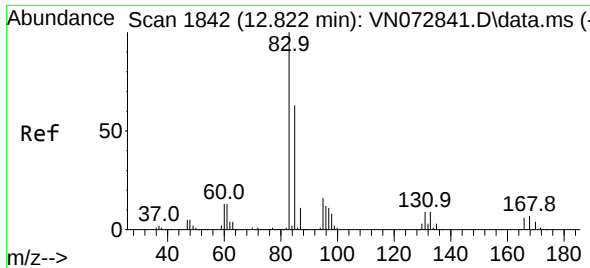
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#74
N-ethyl acetate
Concen: 131.981 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

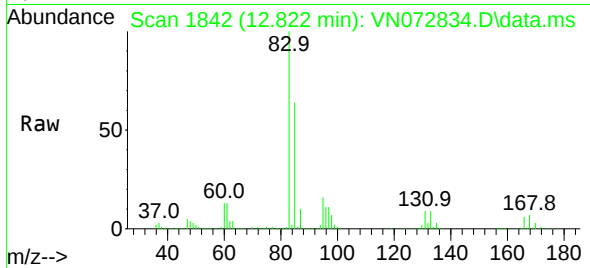
Tgt Ion: 43 Resp: 1383835
Ion Ratio Lower Upper
43 100
70 38.8 39.0 58.4#
55 22.2 21.1 31.7
61 22.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 115.333 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

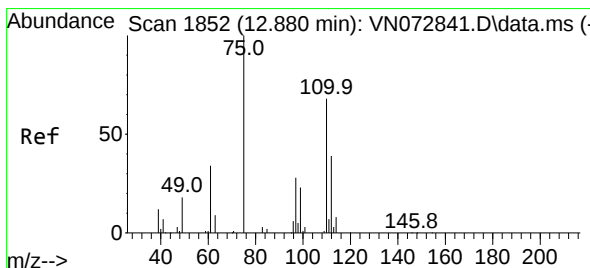
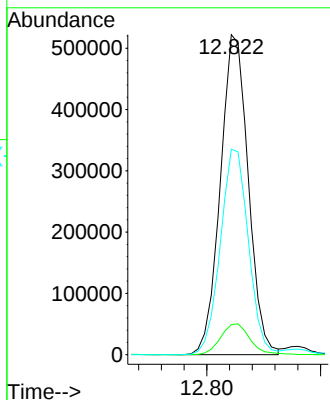
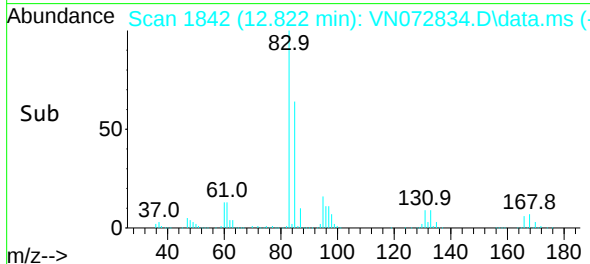
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 891389
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 64.5 32.3 96.9

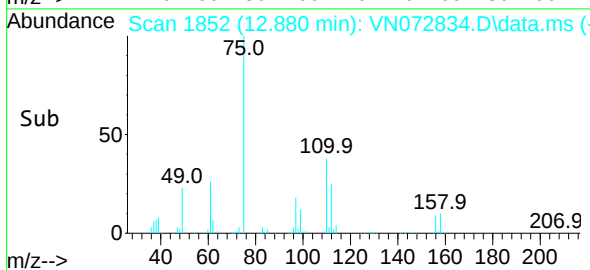
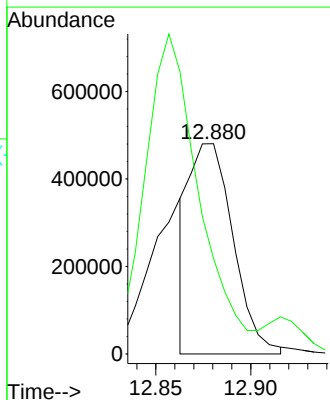
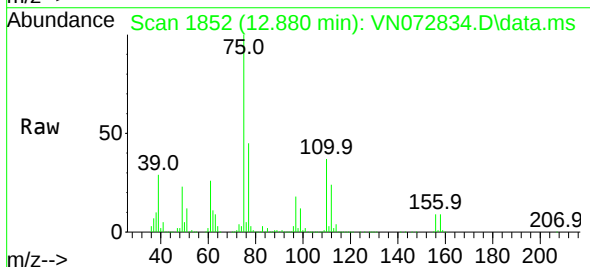
Manual Integrations
APPROVED

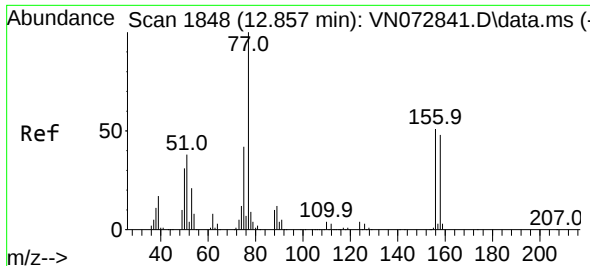
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#76
1,2,3-Trichloropropane
Concen: 104.007 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

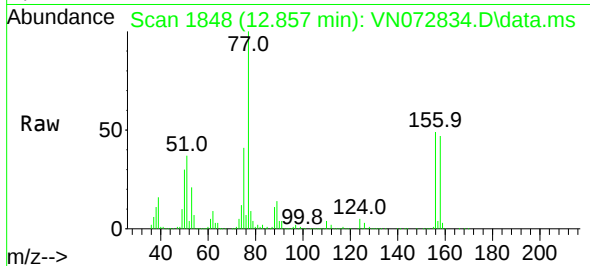
Tgt Ion: 75 Resp: 766882
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 133.493 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

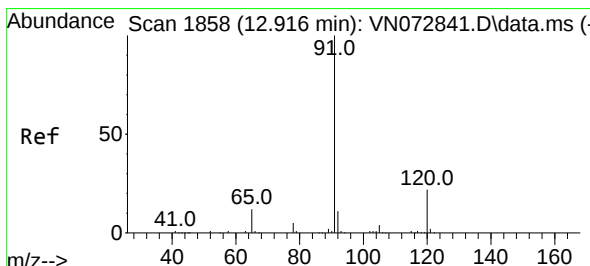
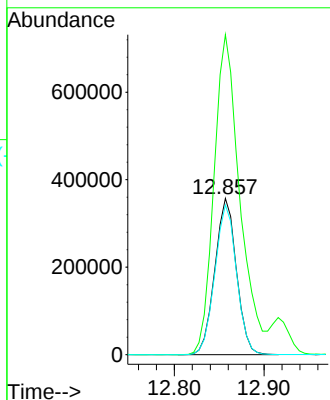
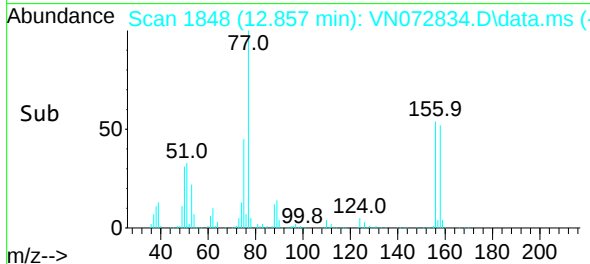
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 596482
Ion Ratio Lower Upper
156 100
77 245.9 100.5 301.5
158 96.7 48.9 146.6

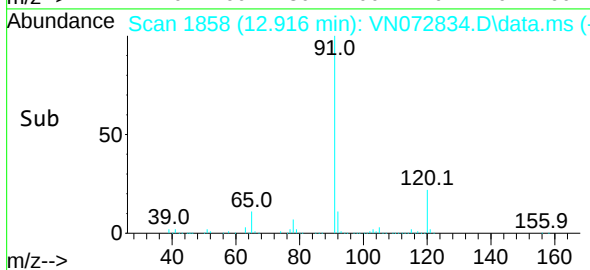
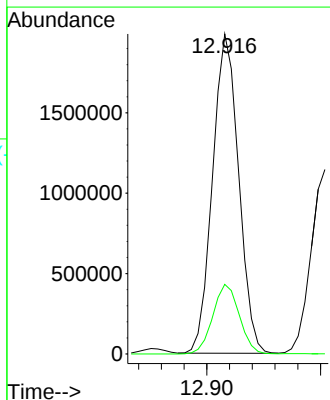
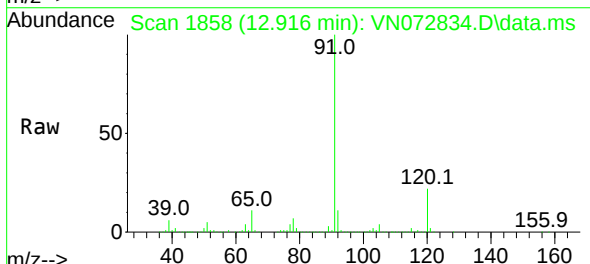
Manual Integrations
APPROVED

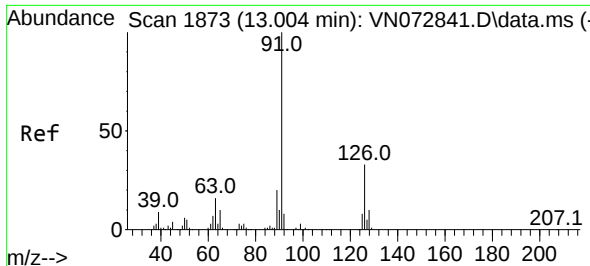
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#78
n-propylbenzene
Concen: 130.218 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Tgt Ion: 91 Resp: 3169025
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





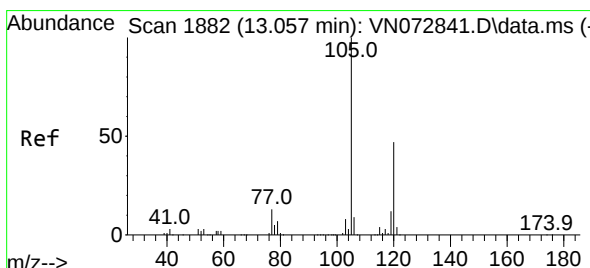
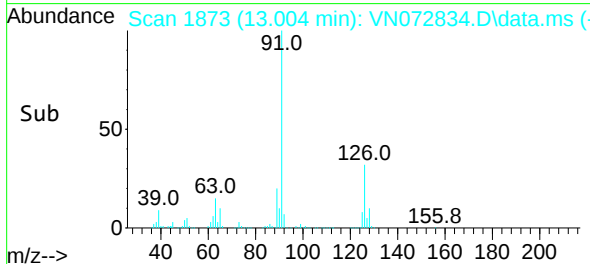
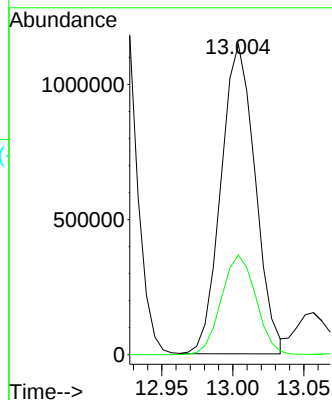
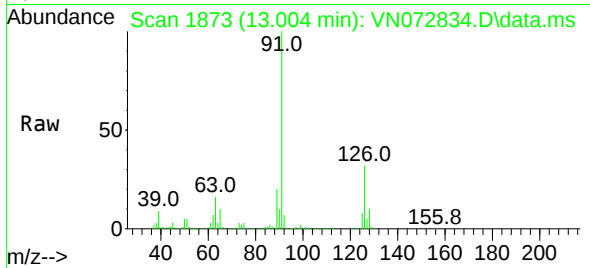
#79
2-Chlorotoluene
Concen: 125.335 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1919679
Ion Ratio Lower Upper
91 100
126 32.5 17.3 51.9

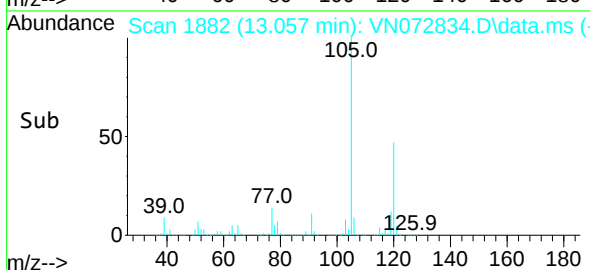
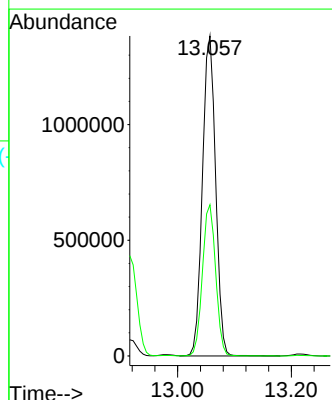
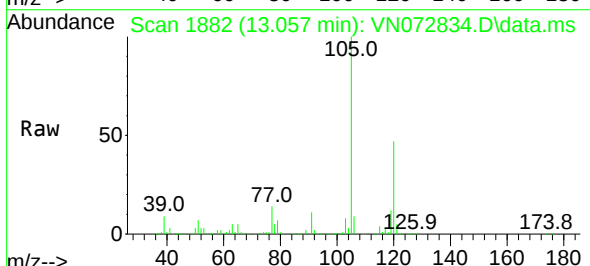
Manual Integrations
APPROVED

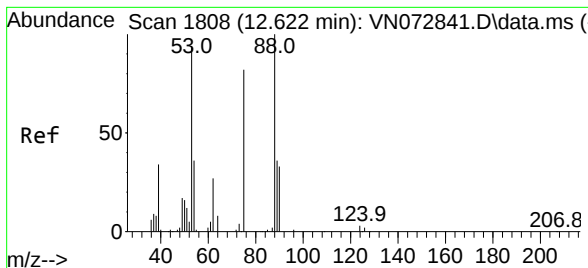
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 125.933 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

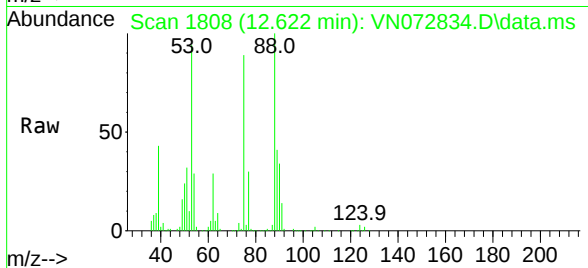
Tgt Ion:105 Resp: 2227260
Ion Ratio Lower Upper
105 100
120 47.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 138.149 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

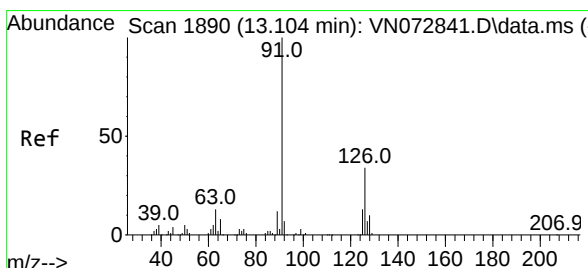
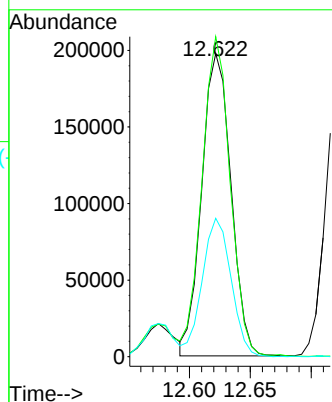
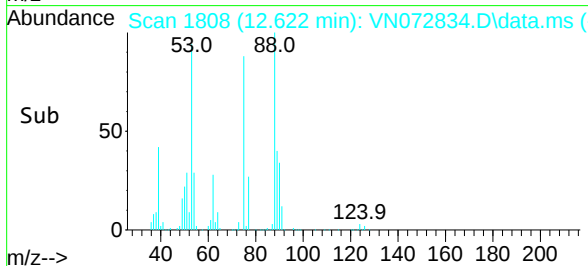
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 329992
Ion Ratio Lower Upper
75 100
53 102.4 78.0 117.0
89 45.5 37.2 55.8

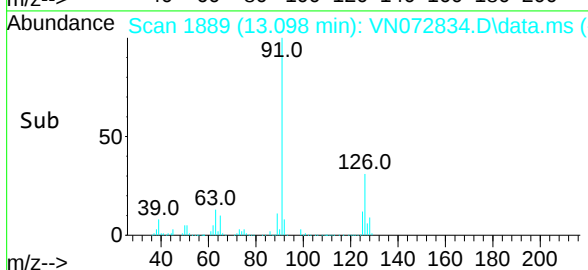
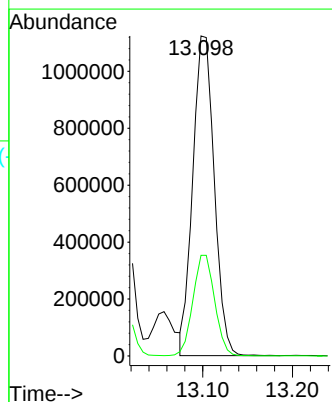
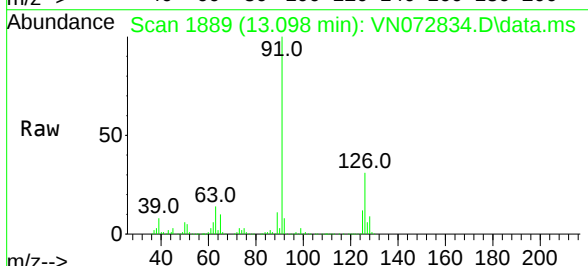
Manual Integrations
APPROVED

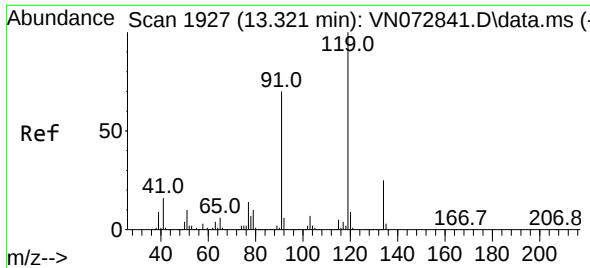
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#82
4-Chlorotoluene
Concen: 130.332 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

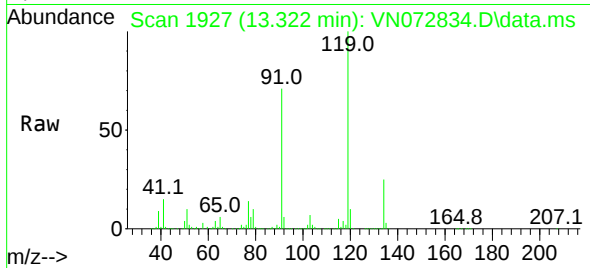
Tgt Ion: 91 Resp: 1862581
Ion Ratio Lower Upper
91 100
126 32.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 124.463 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

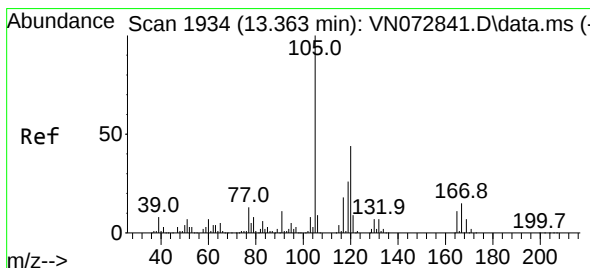
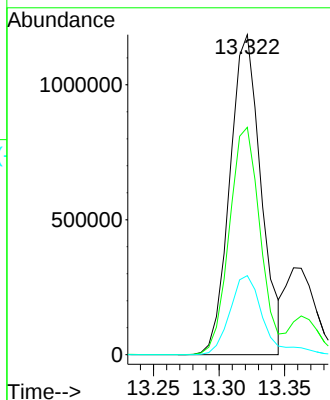
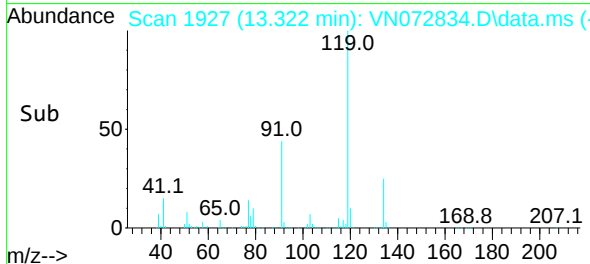
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



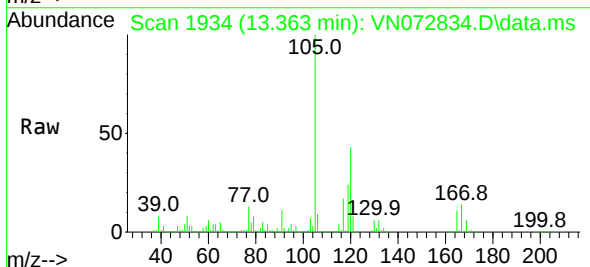
Tgt Ion:119 Resp: 196587
Ion Ratio Lower Upper
119 100
91 71.1 31.6 94.8
134 26.6 13.7 41.1

Manual Integrations
APPROVED

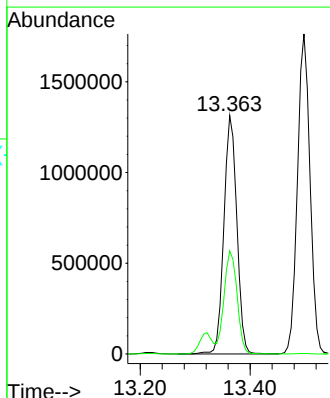
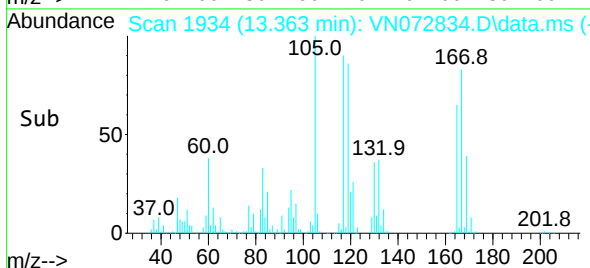
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

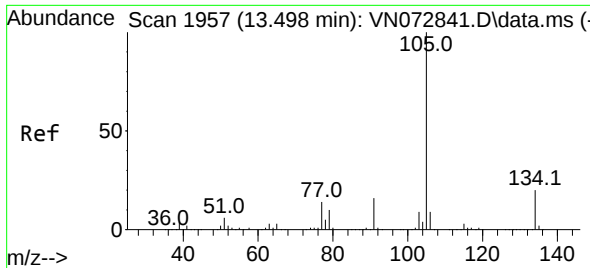


#84
1,2,4-Trimethylbenzene
Concen: 126.438 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion:105 Resp: 2147469
Ion Ratio Lower Upper
105 100
120 43.1 23.3 69.8





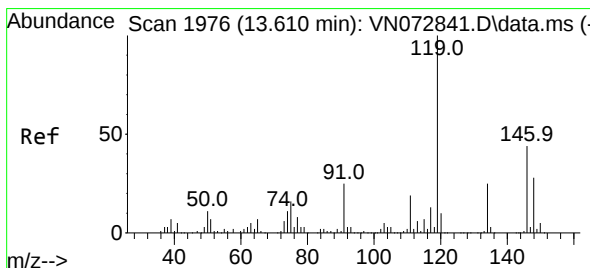
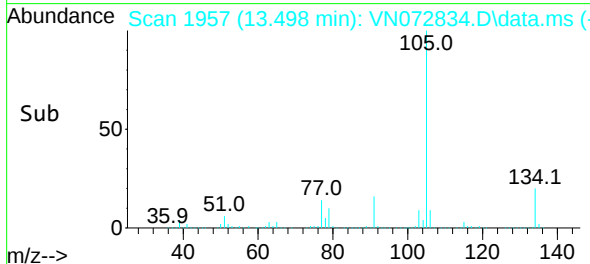
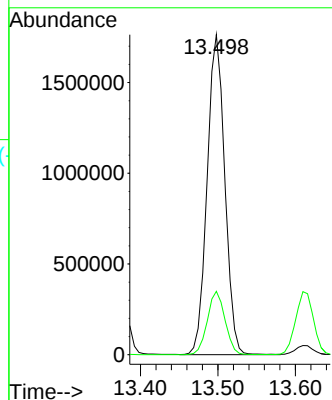
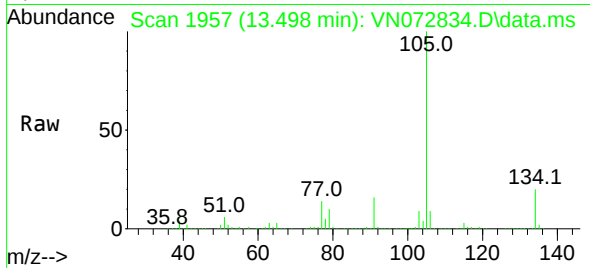
#85
 sec-Butylbenzene
 Concen: 131.979 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072834.D
 Acq: 14 Jun 2022 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Tgt Ion:105 Resp: 2790672
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

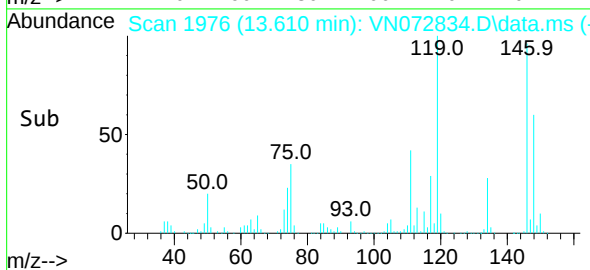
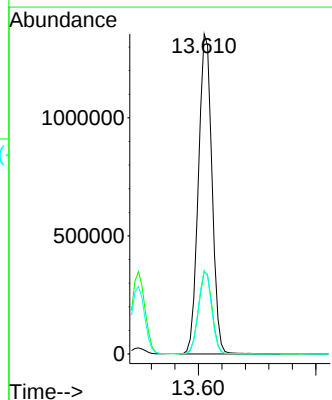
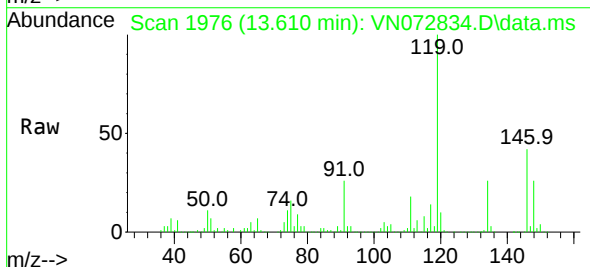
Manual Integrations
 APPROVED

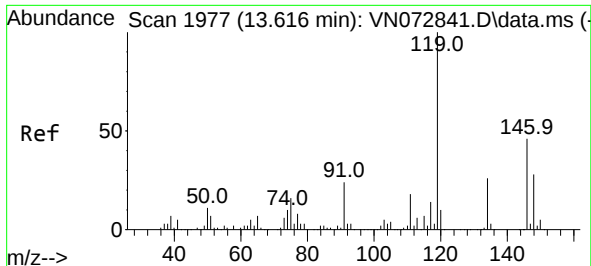
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#86
 p-Isopropyltoluene
 Concen: 131.610 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072834.D
 Acq: 14 Jun 2022 14:35

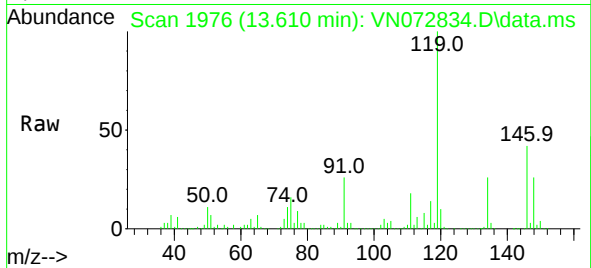
Tgt Ion:119 Resp: 2166926
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 25.3 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 131.597 ug/l
RT: 13.610 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

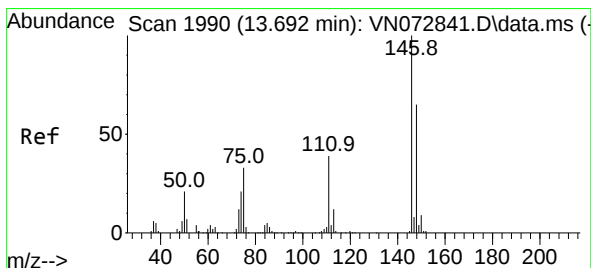
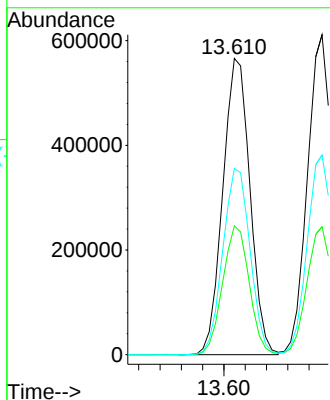
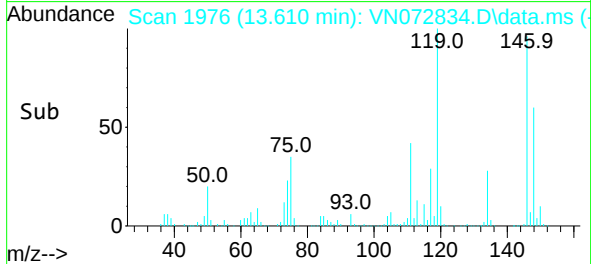
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



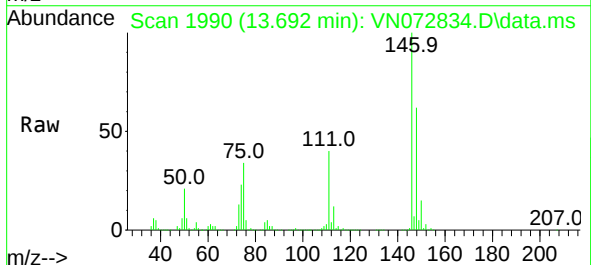
Tgt Ion:146 Resp: 1003064
Ion Ratio Lower Upper
146 100
111 42.4 20.0 60.0
148 63.2 32.0 96.0

Manual Integrations
APPROVED

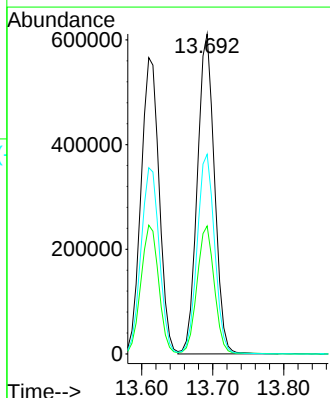
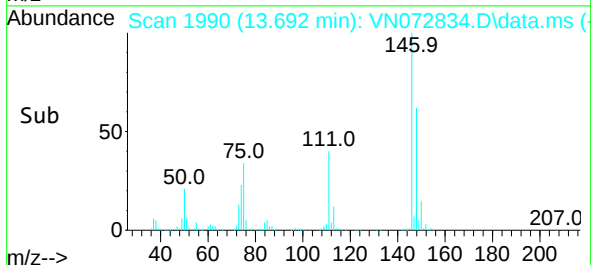
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

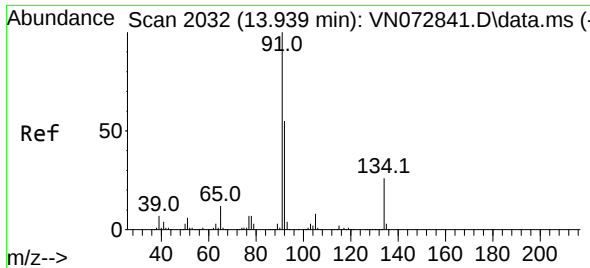


#88
1,4-Dichlorobenzene
Concen: 136.422 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



Tgt Ion:146 Resp: 1026047
Ion Ratio Lower Upper
146 100
111 40.6 19.1 57.1
148 63.5 31.4 94.3





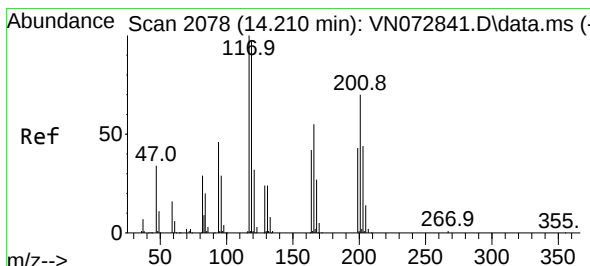
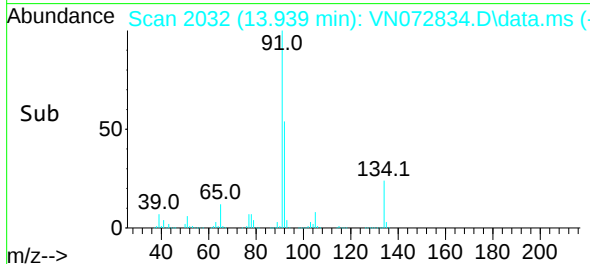
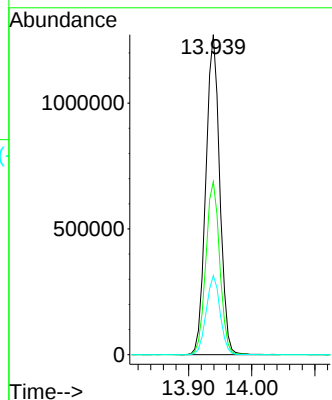
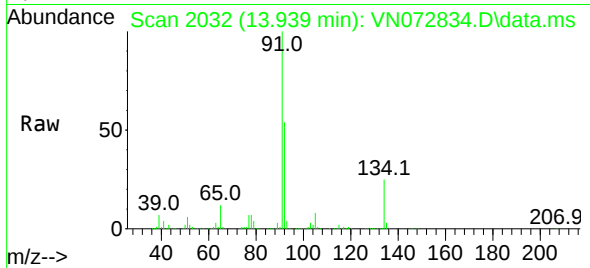
#89
n-Butylbenzene
Concen: 139.539 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1942648
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 24.7 13.6 40.8

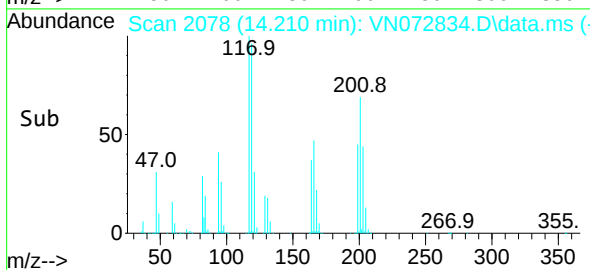
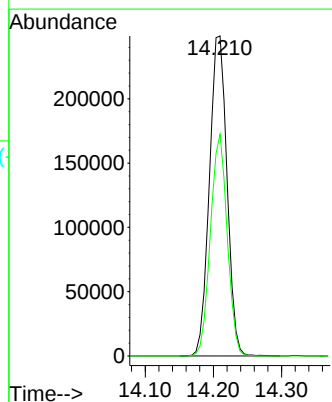
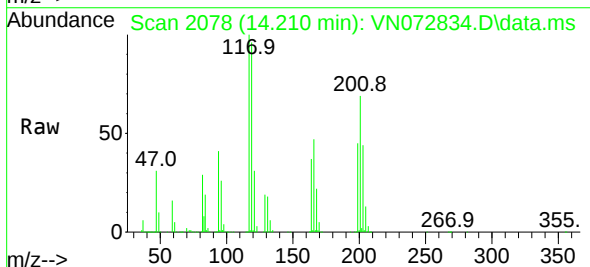
Manual Integrations
APPROVED

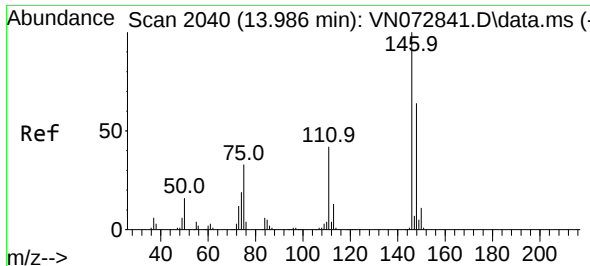
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#90
Hexachloroethane
Concen: 127.739 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

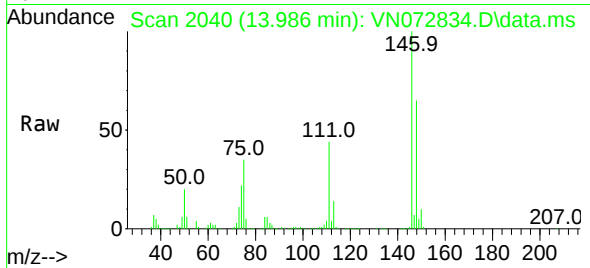
Tgt Ion:117 Resp: 447185
Ion Ratio Lower Upper
117 100
201 66.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 133.536 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

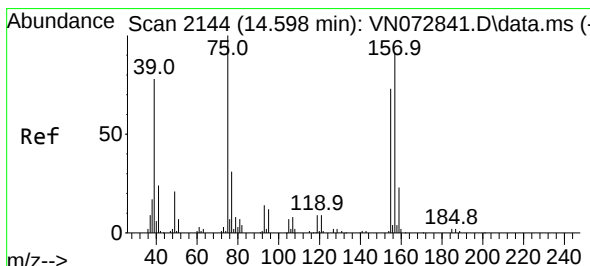
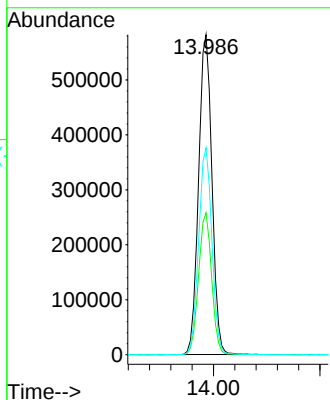
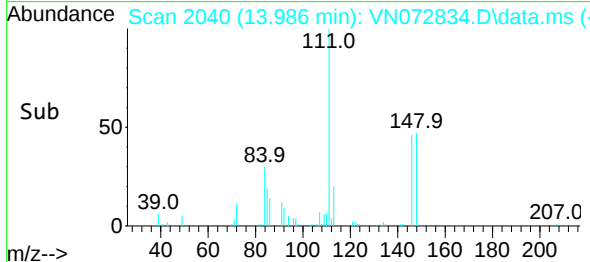
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



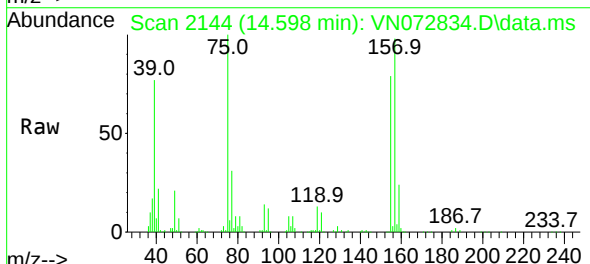
Tgt Ion:146 Resp: 1010998
Ion Ratio Lower Upper
146 100
111 43.6 20.9 62.8
148 64.2 32.1 96.3

Manual Integrations
APPROVED

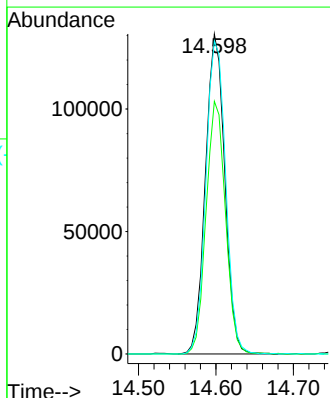
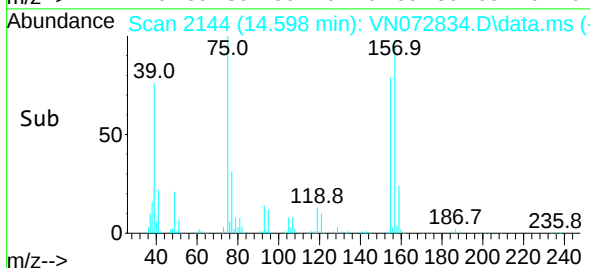
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

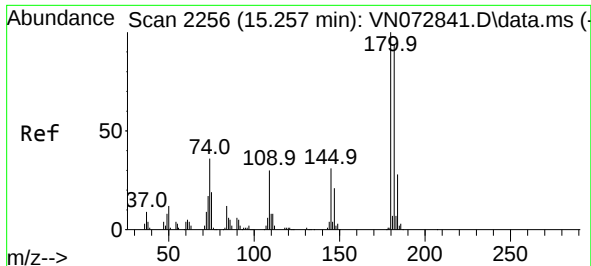


#92
1,2-Dibromo-3-Chloropropane
Concen: 135.103 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



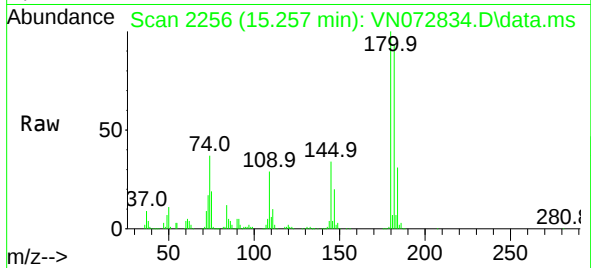
Tgt Ion: 75 Resp: 226688
Ion Ratio Lower Upper
75 100
155 79.1 44.9 134.5
157 99.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 165.559 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

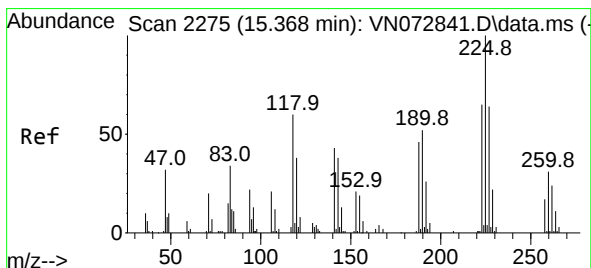
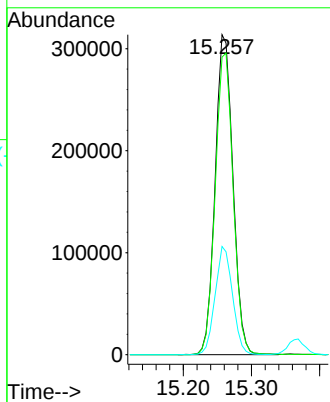
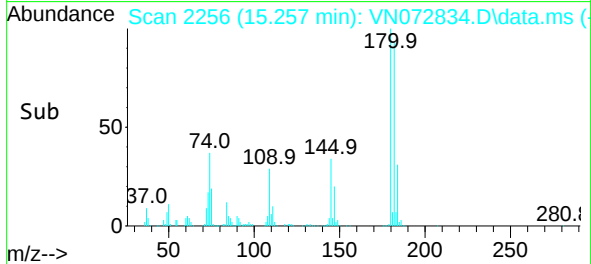
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



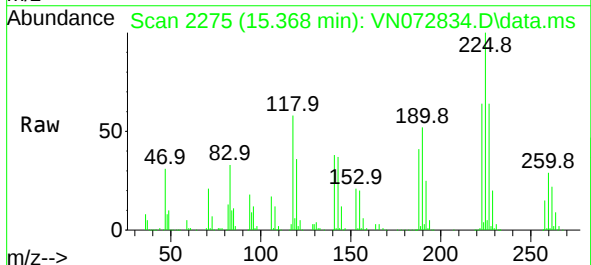
Tgt Ion:180 Resp: 570562
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 33.1 14.5 43.5

Manual Integrations
APPROVED

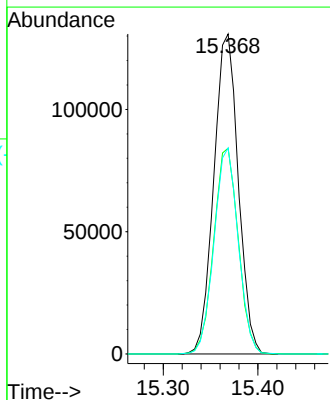
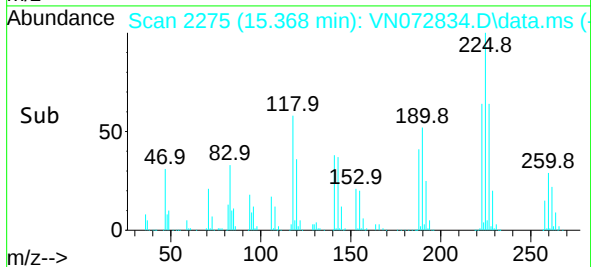
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

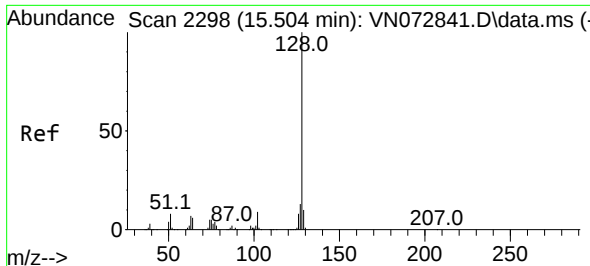


#94
Hexachlorobutadiene
Concen: 141.621 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35



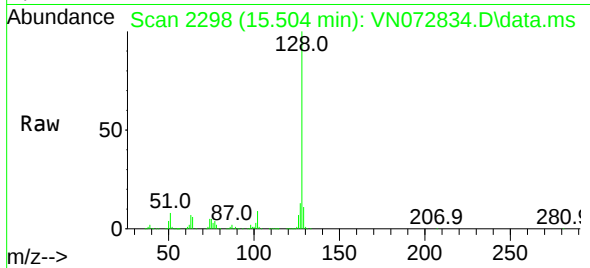
Tgt Ion:225 Resp: 234881
Ion Ratio Lower Upper
225 100
223 64.3 32.4 97.2
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 167.340 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

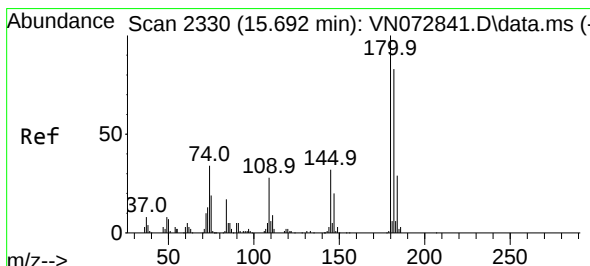
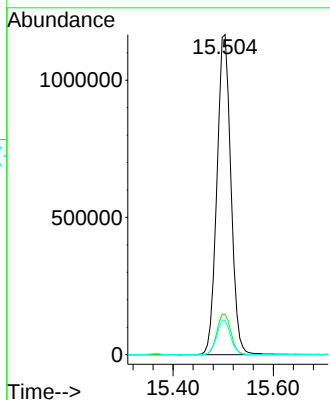
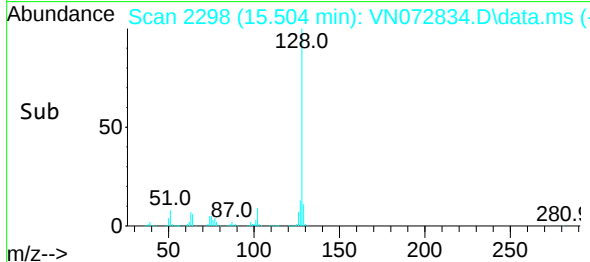
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 225541
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 163.205 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072834.D
Acq: 14 Jun 2022 14:35

Tgt Ion:180 Resp: 583128
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 34.3 15.5 46.5

