

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072839.D
 Acq On : 14 Jun 2022 18:09
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 02:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 02:19:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	277471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	513149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	459407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	164088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	43876	10.440	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	20.880%#		
35) Dibromofluoromethane	8.016	113	31854	10.145	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	20.280%#		
50) Toluene-d8	10.439	98	125223	9.935	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	19.860%#		
62) 4-Bromofluorobenzene	12.727	95	40249	9.326	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	18.660%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	27474	11.828	ug/l	93
3) Chloromethane	2.293	50	31393	11.583	ug/l	98
4) Vinyl Chloride	2.434	62	25999	11.849	ug/l	90
5) Bromomethane	2.846	94	12473	16.202	ug/l #	80
6) Chloroethane	3.010	64	18378	11.511	ug/l	94
7) Trichlorofluoromethane	3.363	101	51361	11.959	ug/l	100
8) Diethyl Ether	3.822	74	24140	12.439	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	31125	12.091	ug/l	94
10) Methyl Iodide	4.410	142	24776	10.254	ug/l	94
11) Tert butyl alcohol	5.375	59	59584	13.184	ug/l	98
12) 1,1-Dichloroethene	4.175	96	28421	11.573	ug/l	97
13) Acrolein	4.040	56	24408	87.424	ug/l	96
14) Allyl chloride	4.840	41	68595	12.071	ug/l #	91
15) Acrylonitrile	5.551	53	149416	62.817	ug/l	100
16) Acetone	4.281	43	139856	61.936	ug/l	90
17) Carbon Disulfide	4.528	76	54003	10.175	ug/l	98
18) Methyl Acetate	4.851	43	77364	11.693	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	130419	12.780	ug/l	99
20) Methylene Chloride	5.093	84	40179	11.978	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	29921	11.225	ug/l	96
22) Diisopropyl ether	6.487	45	144020	12.581	ug/l #	93
23) Vinyl Acetate	6.428	43	623024	61.506	ug/l #	93
24) 1,1-Dichloroethane	6.387	63	70993	12.310	ug/l	95
25) 2-Butanone	7.334	43	226016	63.953	ug/l	89
26) 2,2-Dichloropropane	7.322	77	52108	11.803	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	40628	11.586	ug/l	91
28) Bromochloromethane	7.651	49	28338	10.005	ug/l #	79
29) Tetrahydrofuran	7.681	42	146480	64.452	ug/l	86
30) Chloroform	7.816	83	71581	12.121	ug/l	100
31) Cyclohexane	8.092	56	57692	11.846	ug/l #	89
32) 1,1,1-Trichloroethane	8.010	97	58748	12.138	ug/l	99
36) 1,1-Dichloropropene	8.216	75	46902	11.636	ug/l	94
37) Ethyl Acetate	7.410	43	83041	12.772	ug/l	96
38) Carbon Tetrachloride	8.198	117	48539	12.038	ug/l	95
39) Methylcyclohexane	9.457	83	49911	10.801	ug/l	93
40) Benzene	8.457	78	153687	11.941	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	42119	12.193	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	59609	12.257	ug/l	98
43) Isopropyl Acetate	8.557	43	123820	11.458	ug/l #	93
44) Trichloroethene	9.210	130	36201	11.454	ug/l	88
45) 1,2-Dichloropropane	9.486	63	43702	12.876	ug/l	96
46) Dibromomethane	9.569	93	27669	11.922	ug/l	89
47) Bromodichloromethane	9.763	83	56009	11.942	ug/l	99
48) Methyl methacrylate	9.557	41	59102	12.461	ug/l	88
49) 1,4-Dioxane	9.569	88	23071	254.658	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	431992	62.412	ug/l	91
52) Toluene	10.504	92	97413	11.994	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	55440	11.100	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	61722	11.528	ug/l #	89
55) 1,1,2-Trichloroethane	10.898	97	43212	12.161	ug/l	97
56) Ethyl methacrylate	10.757	69	71686	11.830	ug/l #	86
57) 1,3-Dichloropropane	11.045	76	74732	12.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	124051	49.128	ug/l	94
59) 2-Hexanone	11.080	43	323779	63.119	ug/l	89
60) Dibromochloromethane	11.233	129	40764	11.627	ug/l	97
61) 1,2-Dibromoethane	11.339	107	42798	11.992	ug/l	98
64) Tetrachloroethene	10.980	164	32025	11.421	ug/l	92
65) Chlorobenzene	11.769	112	101041	11.771	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	38980	12.213	ug/l	100
67) Ethyl Benzene	11.839	91	179955	11.472	ug/l	100
68) m/p-Xylenes	11.951	106	131956	23.247	ug/l	96
69) o-Xylene	12.274	106	69880	11.900	ug/l	99
70) Styrene	12.292	104	105994	11.629	ug/l	98
71) Bromoform	12.457	173	28805	12.076	ug/l #	95
73) Isopropylbenzene	12.574	105	174699	11.927	ug/l	99
74) N-amyl acetate	12.386	43	82441	11.444	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.821	83	68650	12.878	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	48277m	10.312	ug/l	
77) Bromobenzene	12.863	156	39023	12.128	ug/l	83
78) n-propylbenzene	12.916	91	182202	11.386	ug/l	97
79) 2-Chlorotoluene	13.004	91	120458	11.712	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	137801	11.922	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.627	75	15963	10.663	ug/l #	84
82) 4-Chlorotoluene	13.104	91	111093	11.716	ug/l	96
83) tert-Butylbenzene	13.321	119	121962	11.629	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	134061	12.159	ug/l	96
85) sec-Butylbenzene	13.498	105	167241	11.907	ug/l	96
86) p-Isopropyltoluene	13.615	119	129236	12.085	ug/l	97
87) 1,3-Dichlorobenzene	13.615	146	62800	11.596	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	61733	11.343	ug/l	94
89) n-Butylbenzene	13.939	91	98718	10.933	ug/l	98
90) Hexachloroethane	14.210	117	24598	11.107	ug/l	82
91) 1,2-Dichlorobenzene	13.986	146	63469	11.601	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12869	10.926	ug/l	88
93) 1,2,4-Trichlorobenzene	15.262	180	29039	10.435	ug/l	98
94) Hexachlorobutadiene	15.368	225	13775	11.242	ug/l	97
95) Naphthalene	15.504	128	113436	10.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	30723	10.437	ug/l	96

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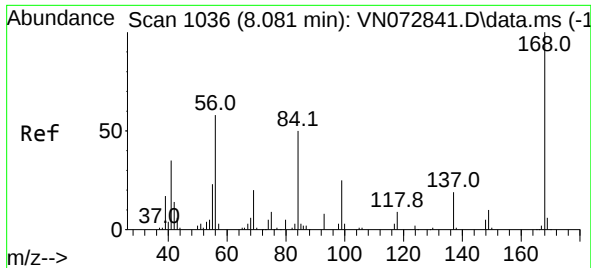
Manual Integrations
APPROVED

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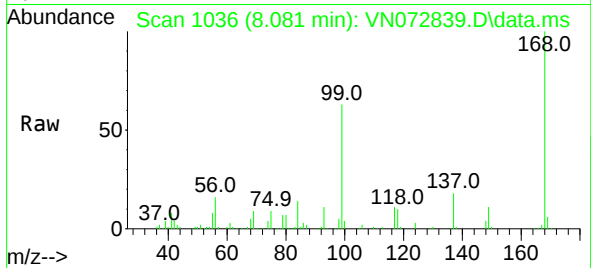
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072839.D
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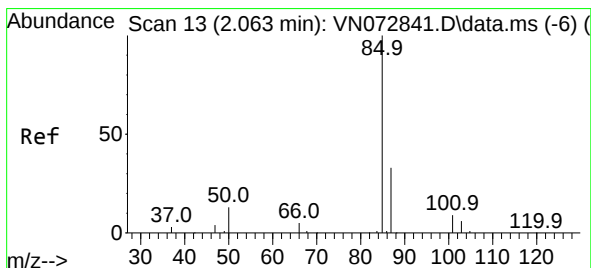
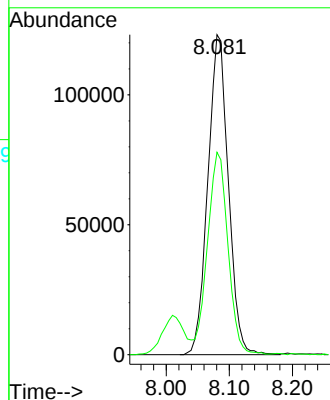
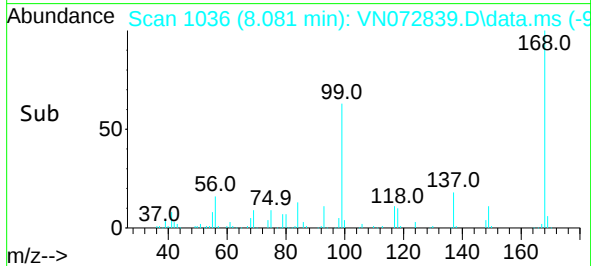
Instrument :
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ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 27747
Ion Ratio Lower Upper
168 100
99 62.9 42.3 63.5

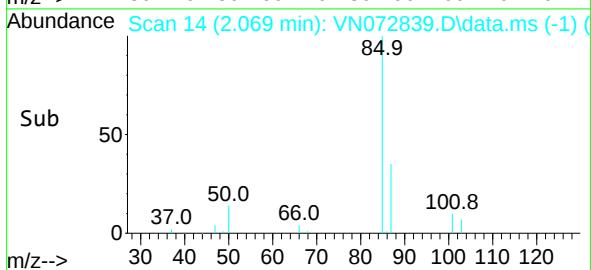
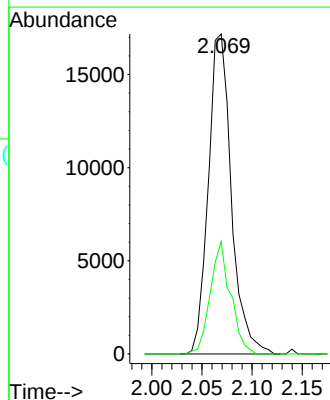
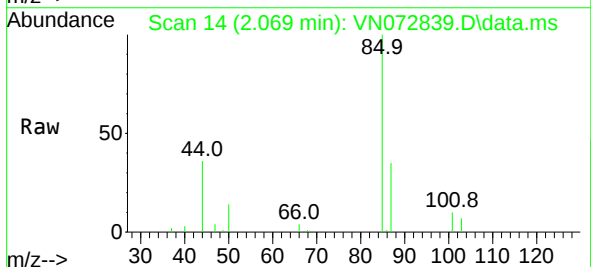
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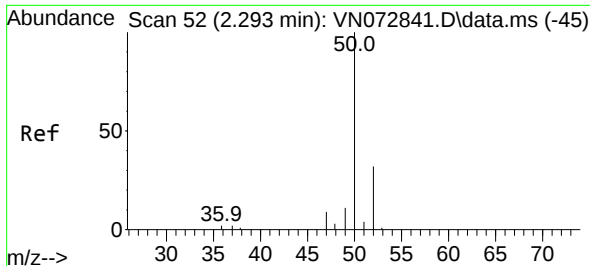
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#2
Dichlorodifluoromethane
Concen: 11.828 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

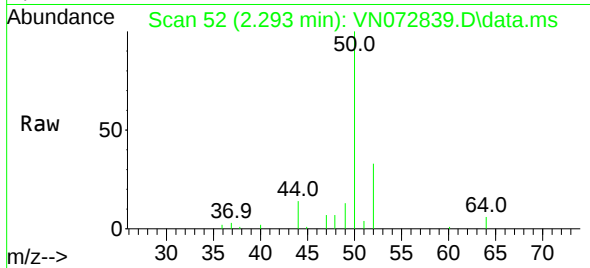
Tgt Ion: 85 Resp: 27474
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.1





#3
Chloromethane
Concen: 11.583 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

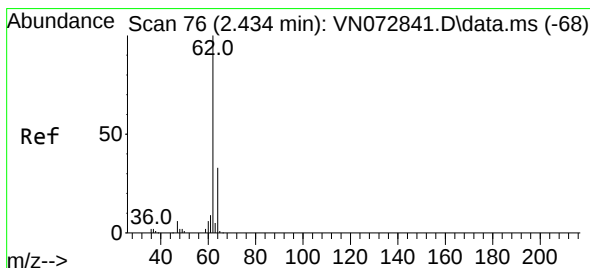
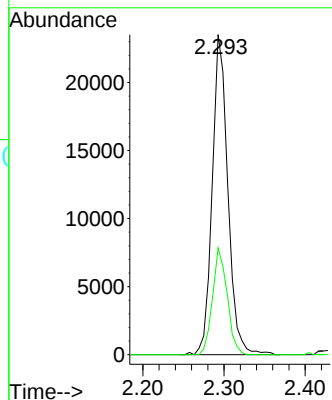
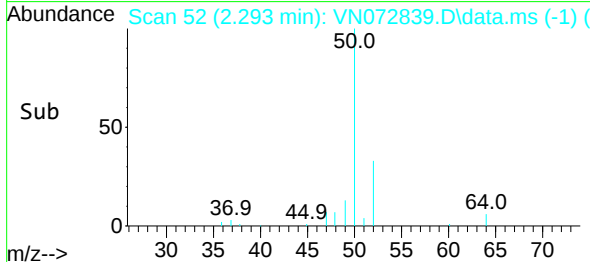
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Tgt Ion: 50 Resp: 3139
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5

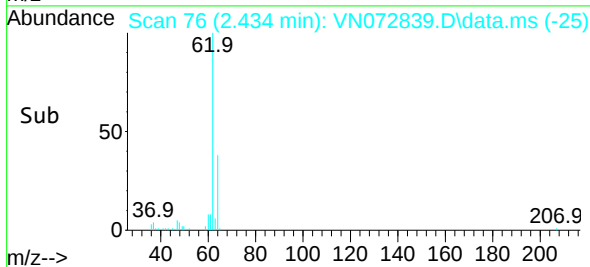
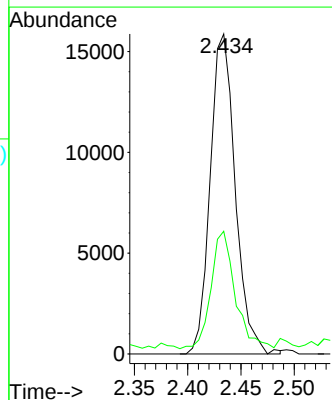
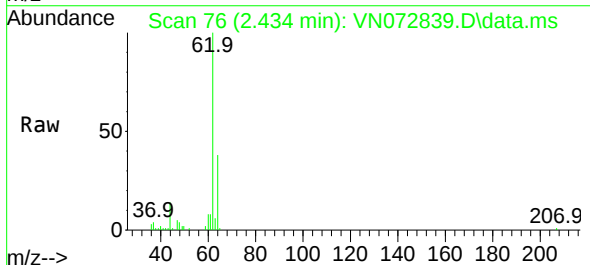
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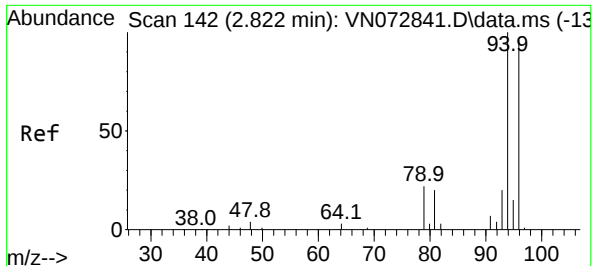
Reviewed By :John Carlone 06/15/2022
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#4
Vinyl Chloride
Concen: 11.849 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

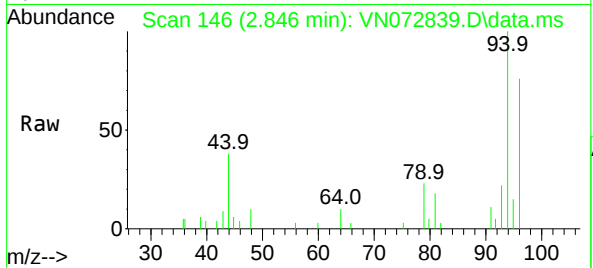
Tgt Ion: 62 Resp: 25999
Ion Ratio Lower Upper
62 100
64 36.7 25.0 37.4





#5
Bromomethane
Concen: 16.202 ug/l
RT: 2.846 min Scan# 142
Delta R.T. 0.023 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

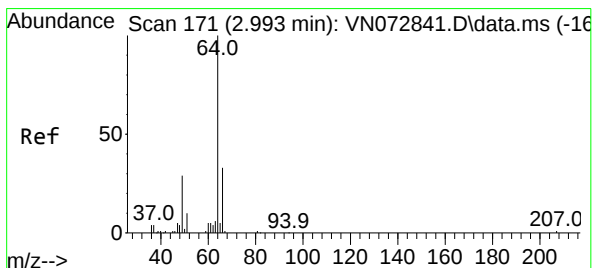
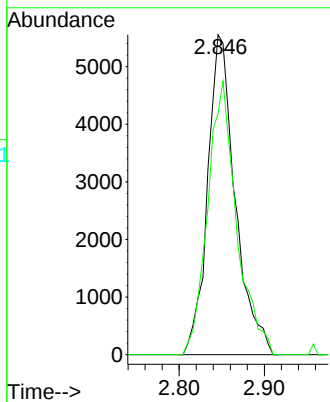
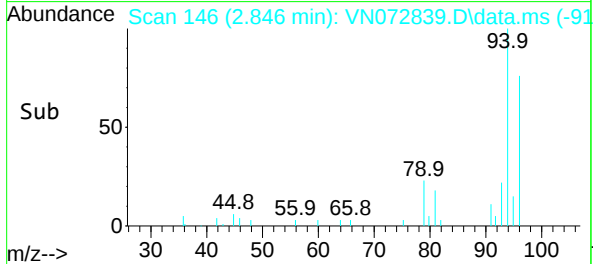
Instrument :
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Tgt Ion: 94 Resp: 1247
Ion Ratio Lower Upper
94 100
96 75.5 76.0 114.0

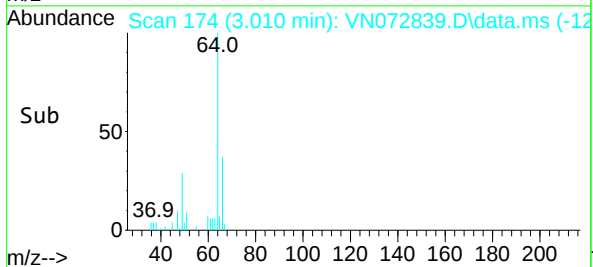
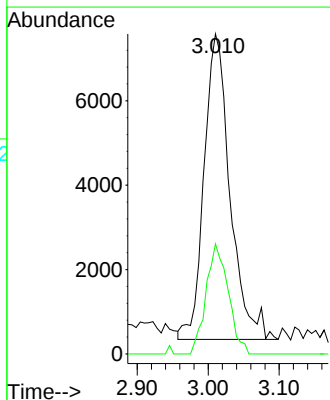
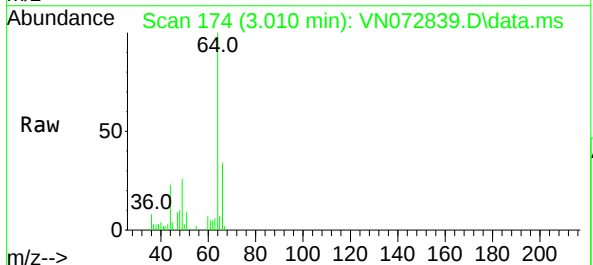
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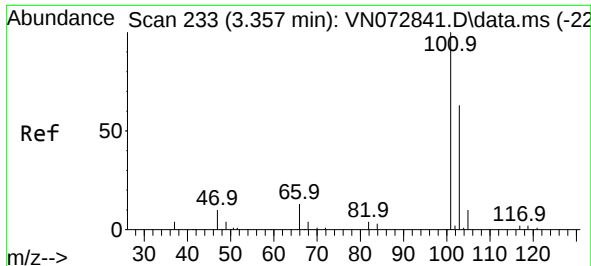
Reviewed By :John Carlone 06/15/2022
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#6
Chloroethane
Concen: 11.511 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.018 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion: 64 Resp: 18378
Ion Ratio Lower Upper
64 100
66 36.0 26.2 39.4





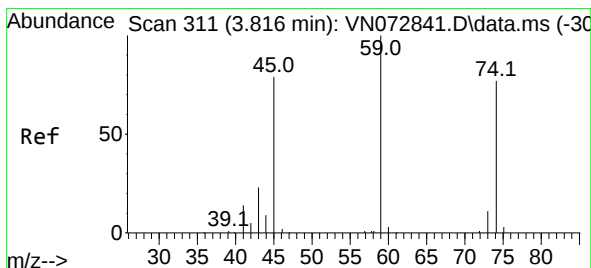
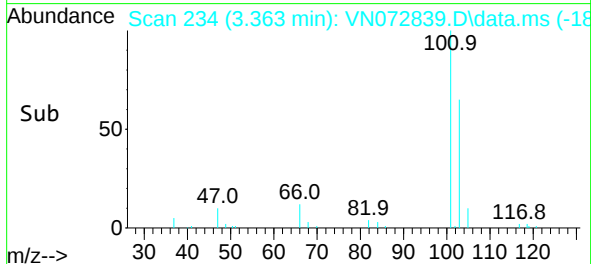
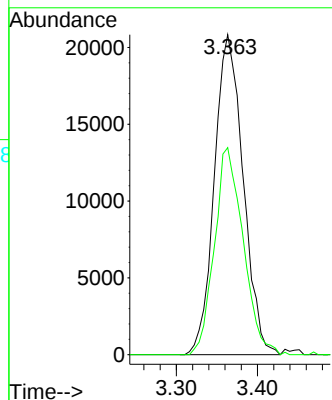
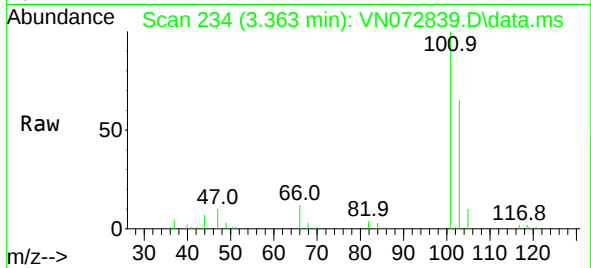
#7
Trichlorofluoromethane
Concen: 11.959 ug/l
RT: 3.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 5136
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

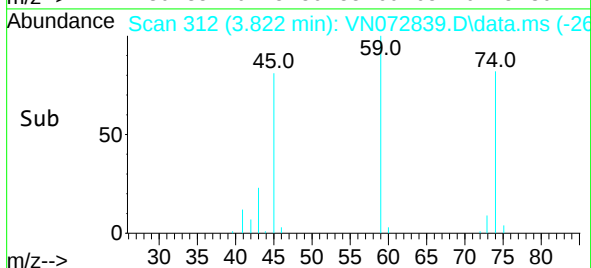
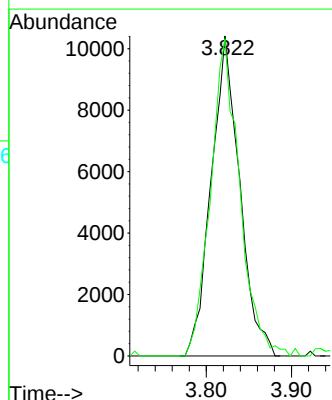
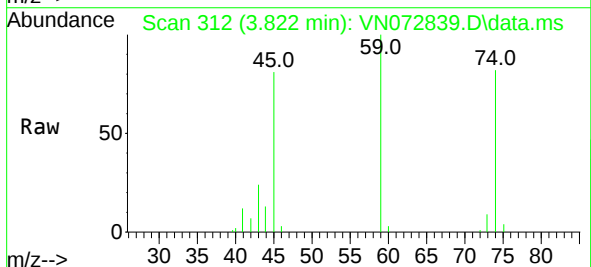
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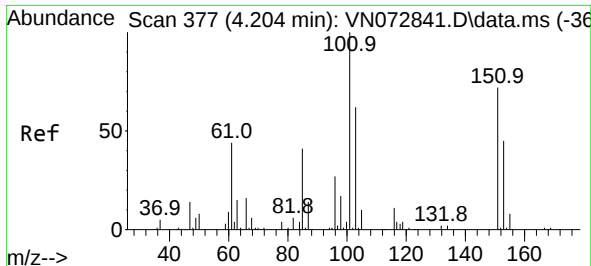
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#8
Diethyl Ether
Concen: 12.439 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion: 74 Resp: 24140
Ion Ratio Lower Upper
74 100
45 101.6 42.9 128.5





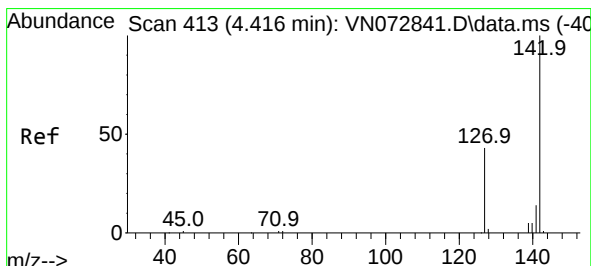
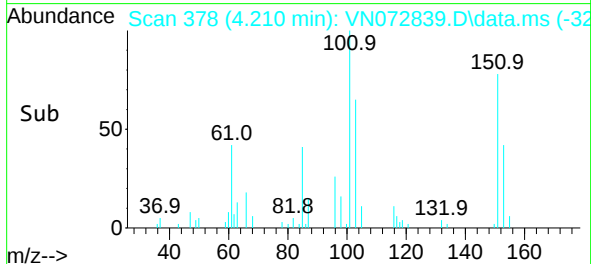
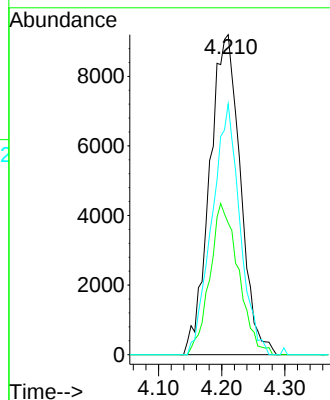
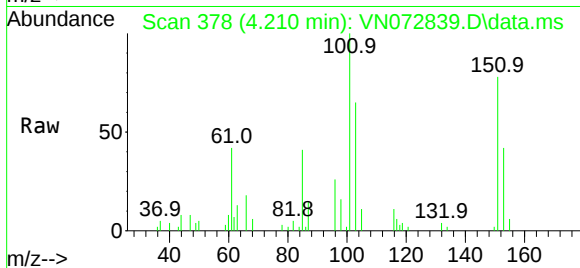
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.091 ug/l
RT: 4.210 min Scan# 311
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3112
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 71.1 63.0 94.4

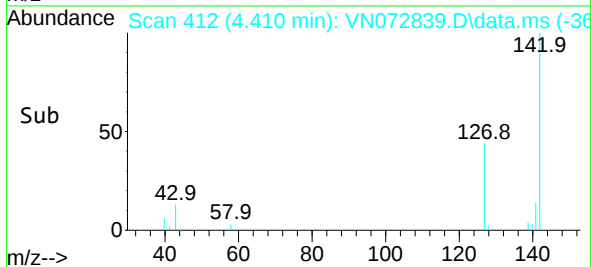
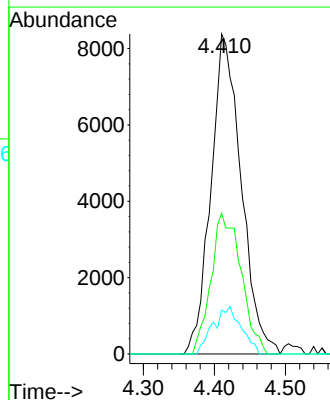
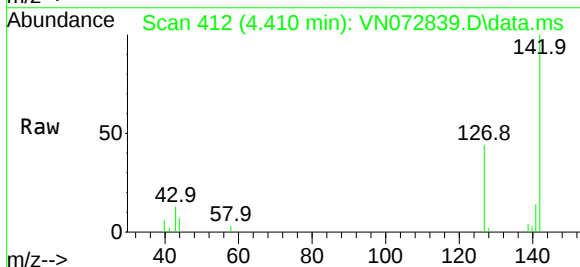
Manual Integrations
APPROVED

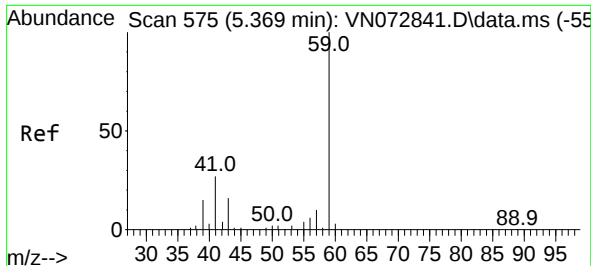
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#10
Methyl Iodide
Concen: 10.254 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion:142 Resp: 24776
Ion Ratio Lower Upper
142 100
127 43.7 31.3 46.9
141 13.8 11.2 16.8





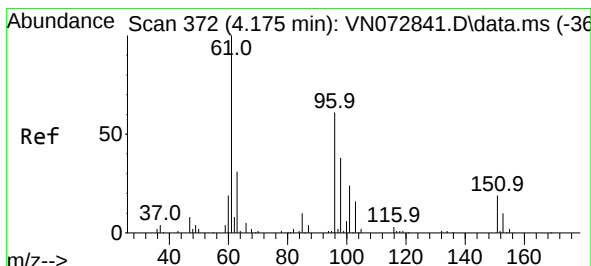
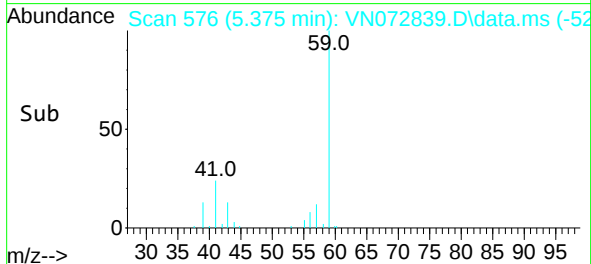
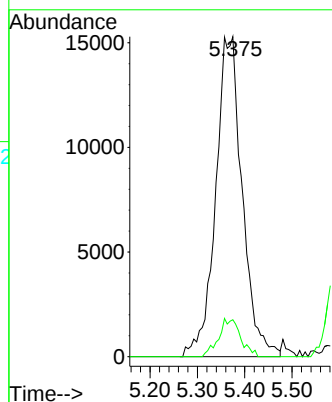
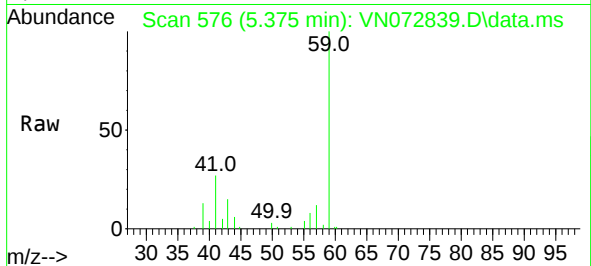
#11
Tert butyl alcohol
Concen: 13.184 ug/l
RT: 5.375 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 59584
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

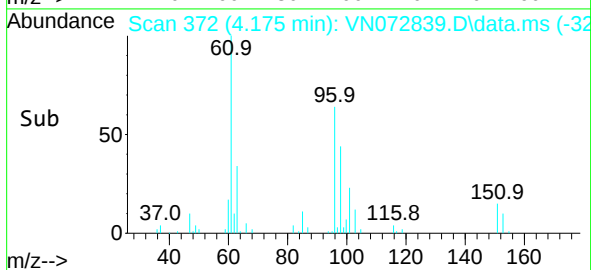
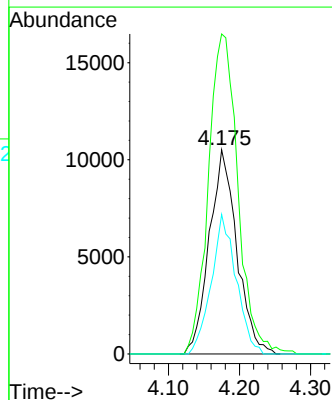
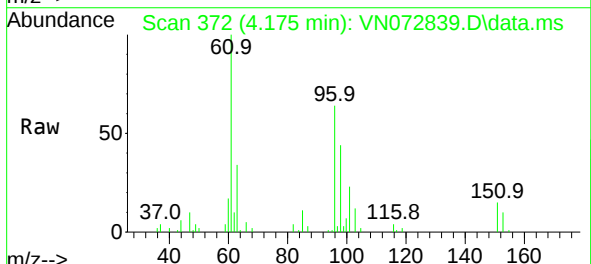
Manual Integrations
APPROVED

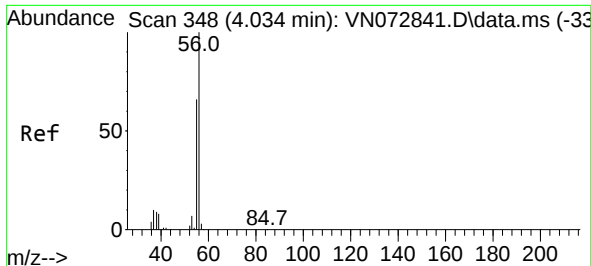
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#12
1,1-Dichloroethene
Concen: 11.573 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion: 96 Resp: 28421
Ion Ratio Lower Upper
96 100
61 156.7 127.6 191.4
98 68.3 51.2 76.8





#13

Acrolein

Concen: 87.424 ug/l

RT: 4.040 min Scan# 348

Delta R.T. 0.006 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 24408

Ion Ratio Lower Upper

56 100

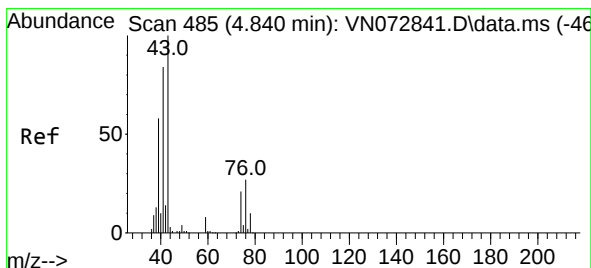
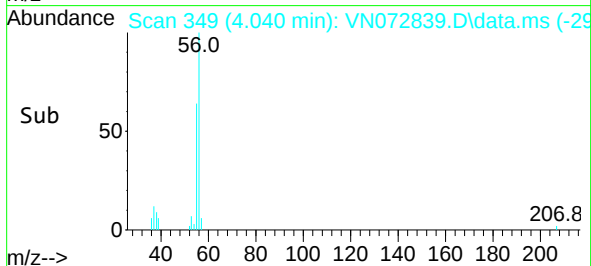
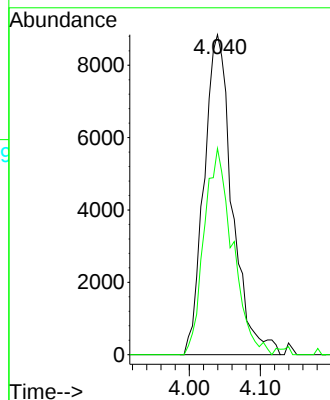
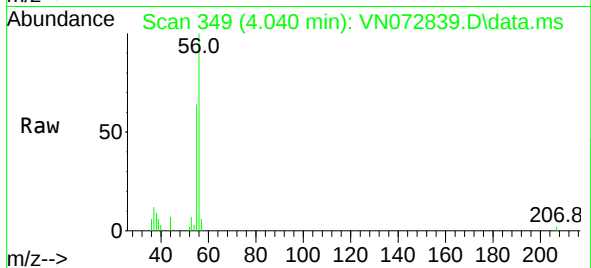
55 65.2 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#14

Allyl chloride

Concen: 12.071 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

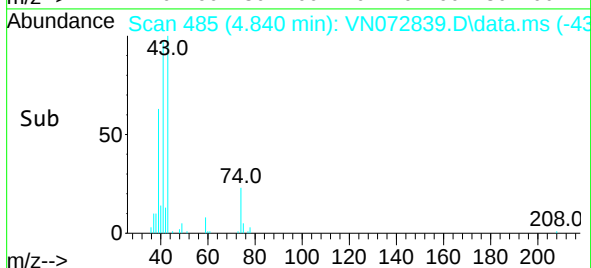
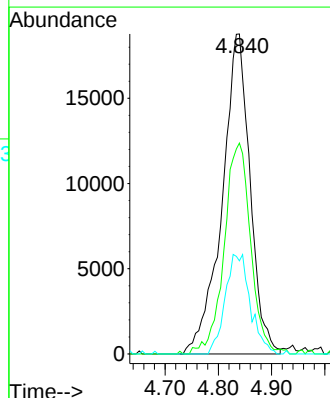
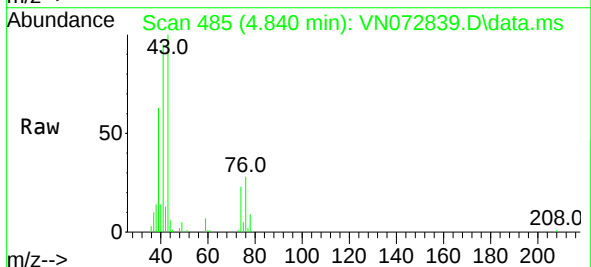
Tgt Ion: 41 Resp: 68595

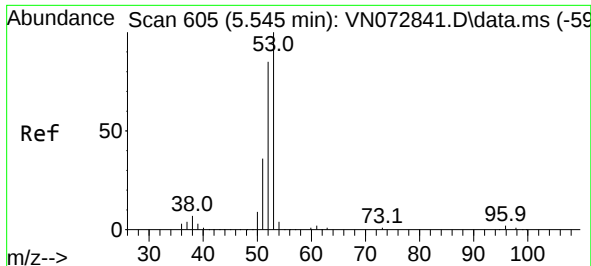
Ion Ratio Lower Upper

41 100

39 62.4 53.2 79.8

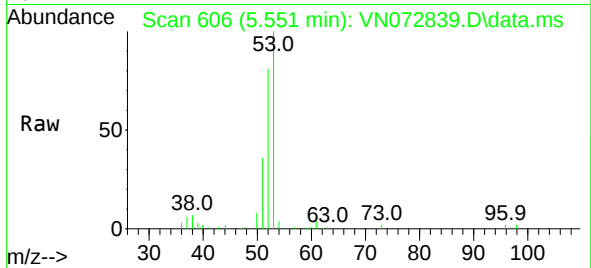
76 27.9 29.9 44.9





#15
Acrylonitrile
Concen: 62.817 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

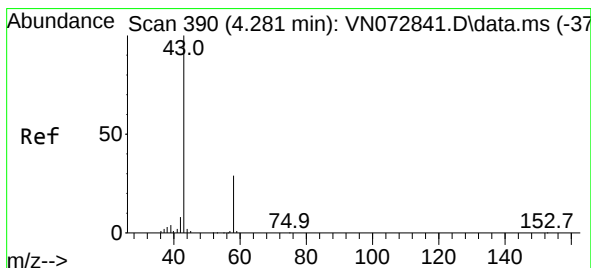
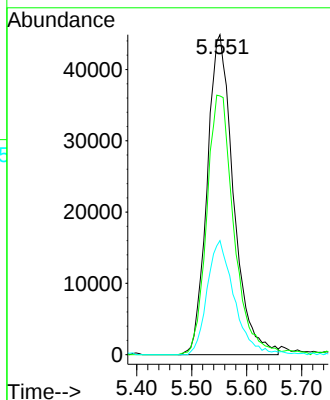
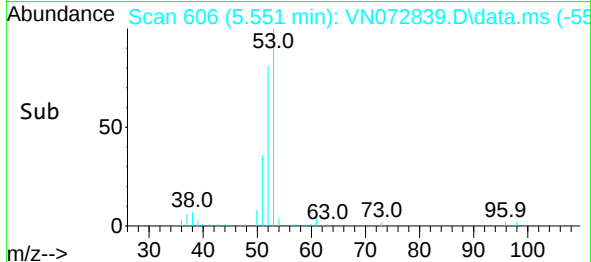
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 149410
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 36.2 28.5 42.7

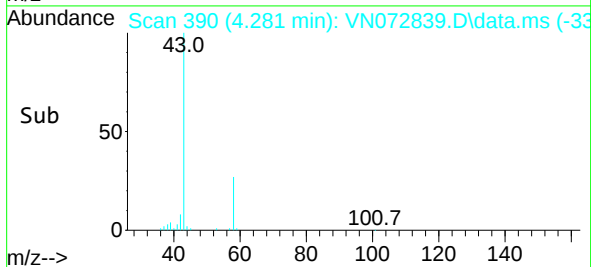
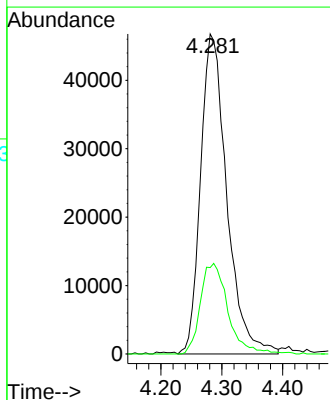
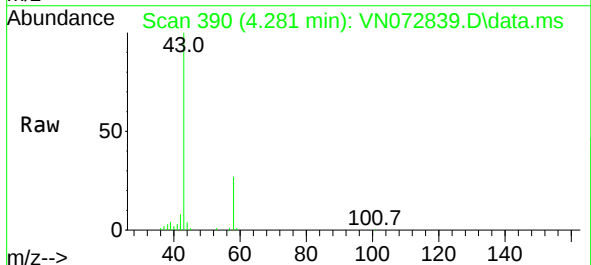
Manual Integrations
APPROVED

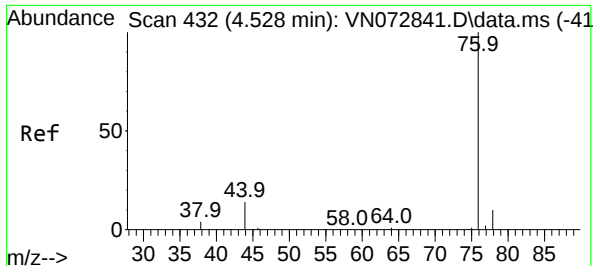
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#16
Acetone
Concen: 61.936 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

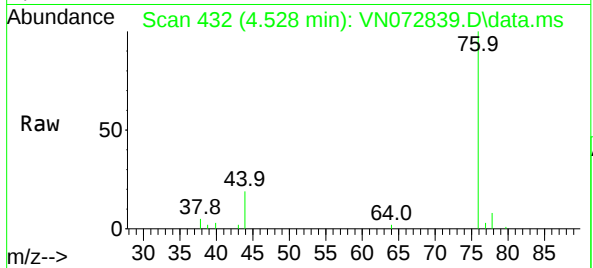
Tgt Ion: 43 Resp: 139856
Ion Ratio Lower Upper
43 100
58 27.0 26.0 39.0





#17
Carbon Disulfide
Concen: 10.175 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

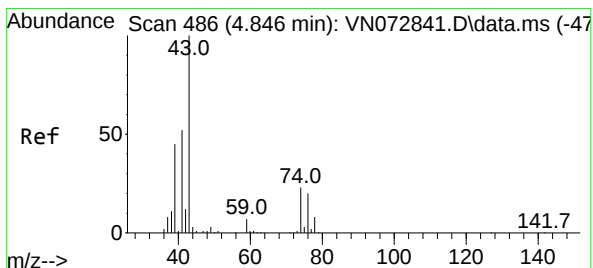
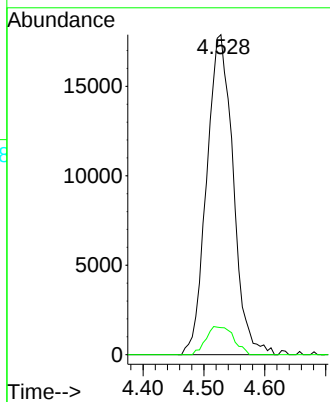
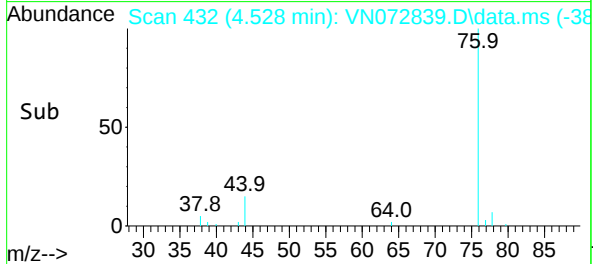
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



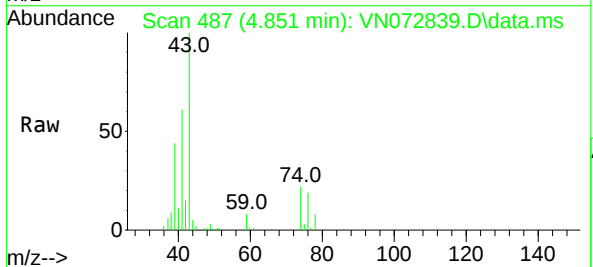
Tgt Ion: 76 Resp: 5400
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

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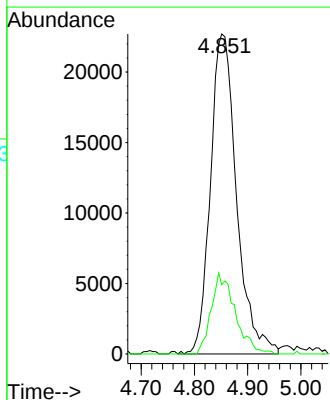
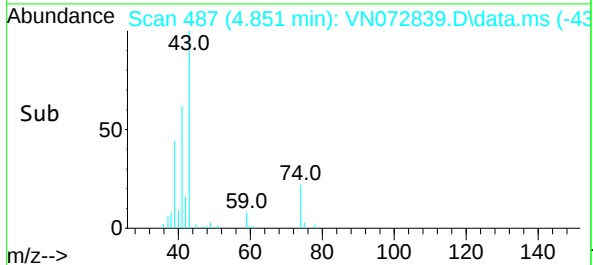
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

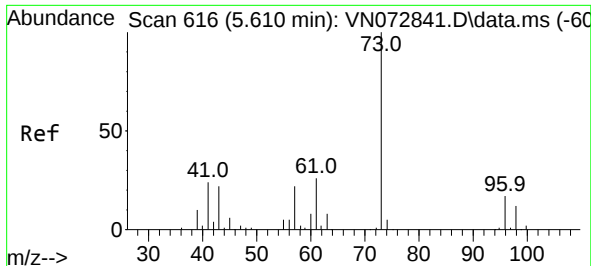


#18
Methyl Acetate
Concen: 11.693 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



Tgt Ion: 43 Resp: 77364
Ion Ratio Lower Upper
43 100
74 23.2 21.6 32.4





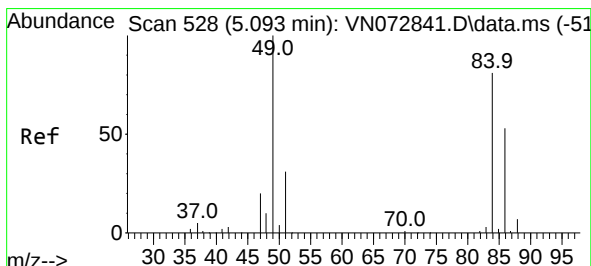
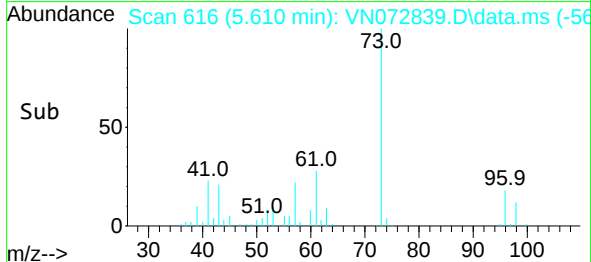
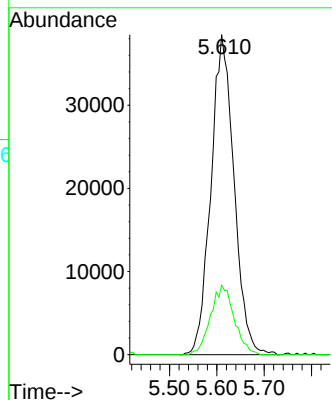
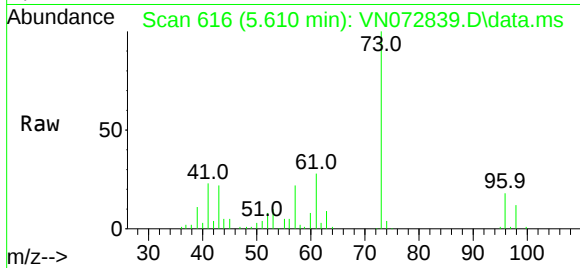
#19
Methyl tert-butyl Ether
Concen: 12.780 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 130419
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

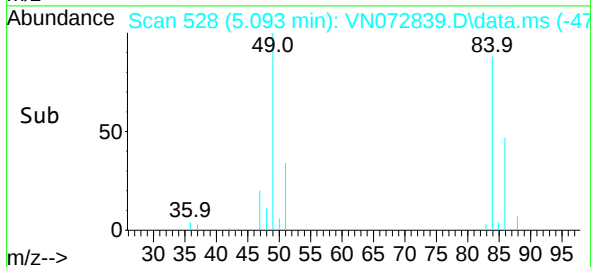
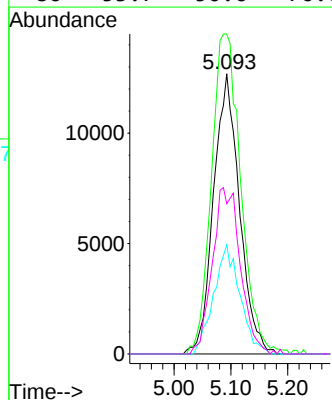
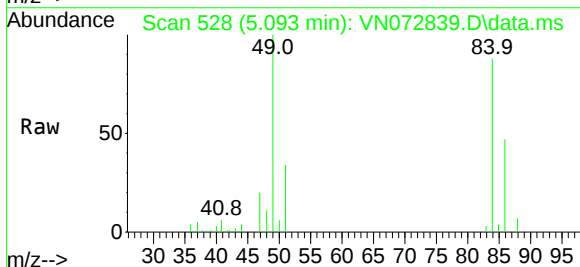
Manual Integrations
APPROVED

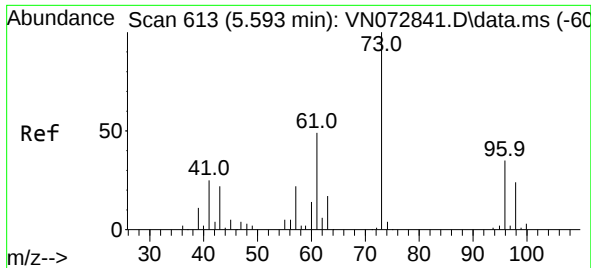
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#20
Methylene Chloride
Concen: 11.978 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

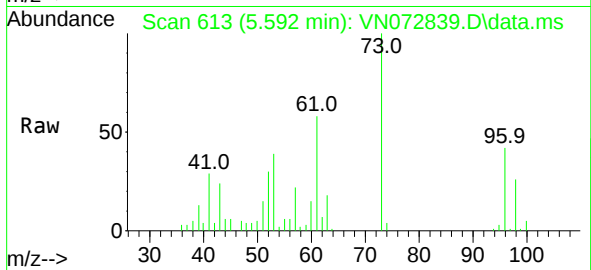
Tgt Ion: 84 Resp: 40179
Ion Ratio Lower Upper
84 100
49 114.3 88.3 132.5
51 39.0 28.2 42.2
86 53.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 11.225 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

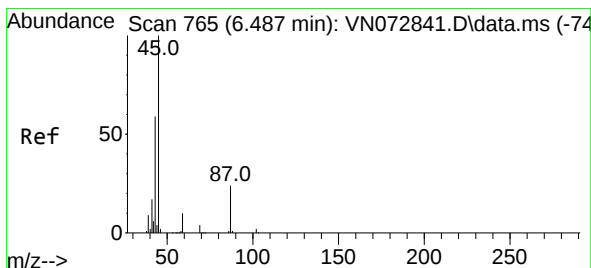
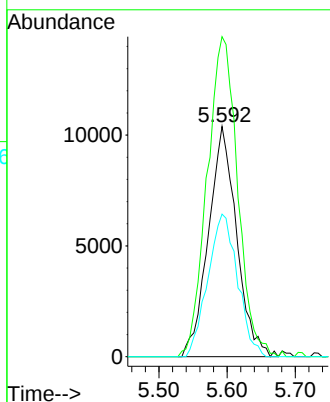
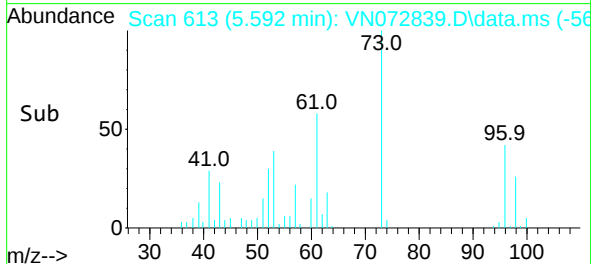
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 2992
Ion Ratio Lower Upper
96 100
61 139.0 105.8 158.8
98 61.9 50.3 75.5

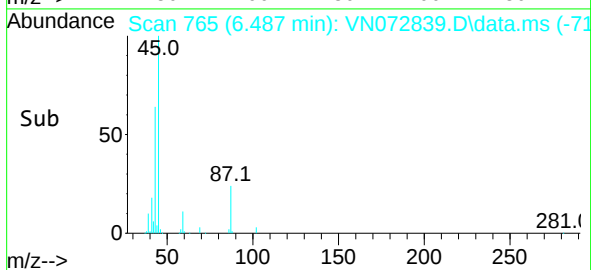
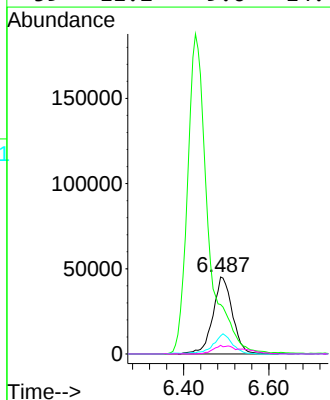
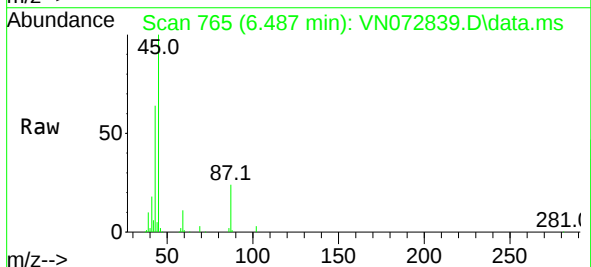
Manual Integrations
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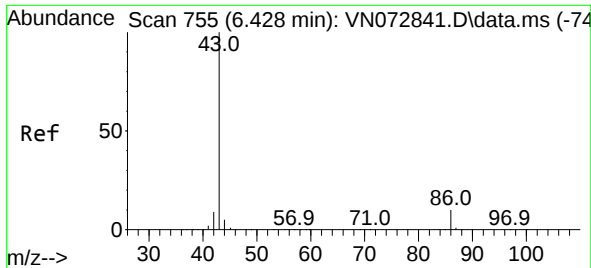
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#22
Diisopropyl ether
Concen: 12.581 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion: 45 Resp: 144020
Ion Ratio Lower Upper
45 100
43 62.6 46.6 70.0
87 23.5 24.3 36.5#
59 11.2 9.6 14.4





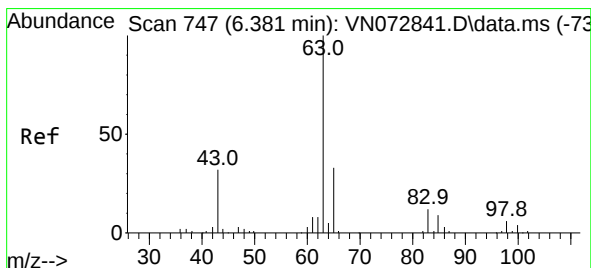
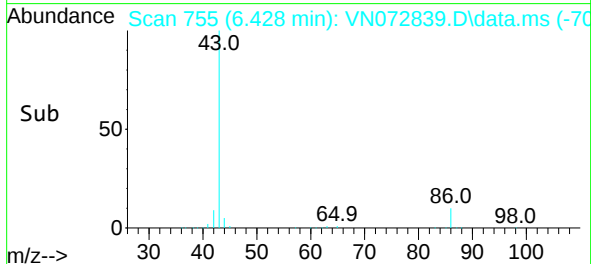
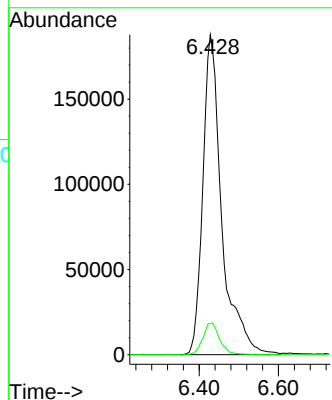
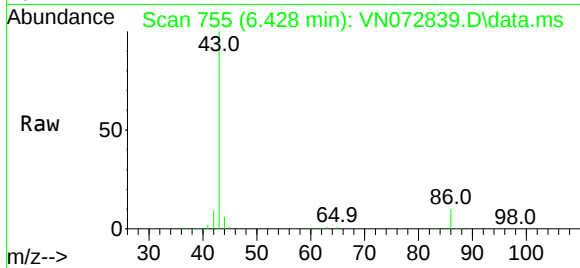
#23
 Vinyl Acetate
 Concen: 61.506 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN072839.D
 Acq: 14 Jun 2022 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 623024
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

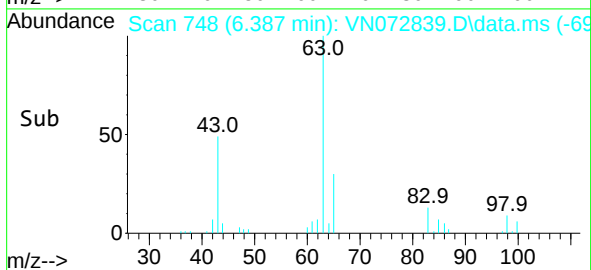
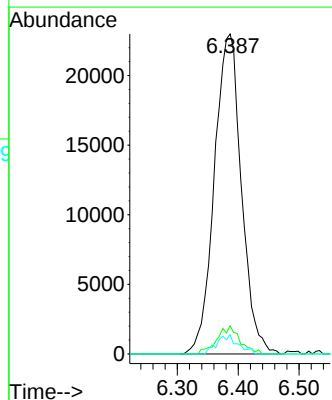
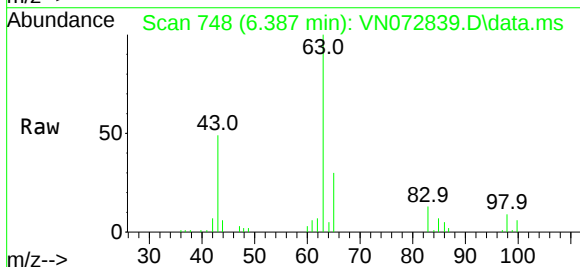
Manual Integrations
 APPROVED

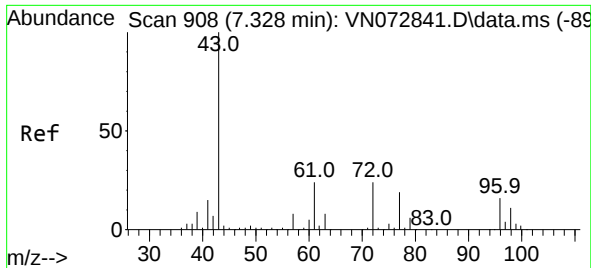
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#24
 1,1-Dichloroethane
 Concen: 12.310 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN072839.D
 Acq: 14 Jun 2022 18:09

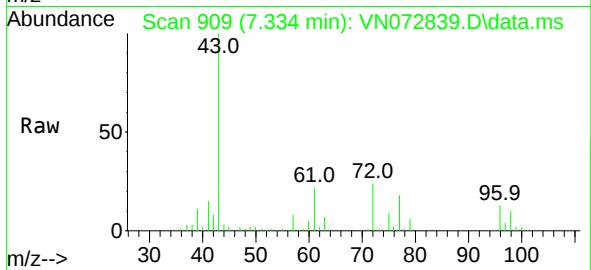
Tgt Ion: 63 Resp: 70993
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.4
 100 5.9 2.3 6.8





#25
2-Butanone
Concen: 63.953 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

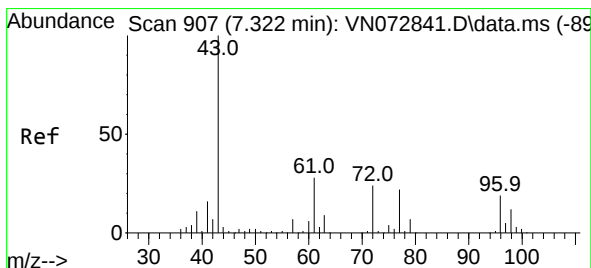
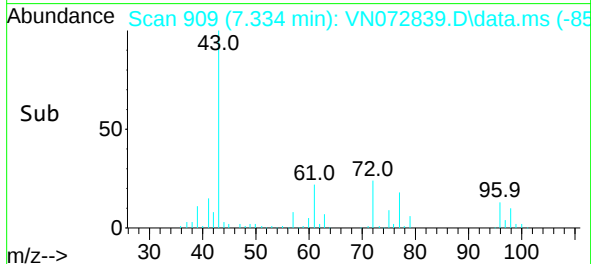
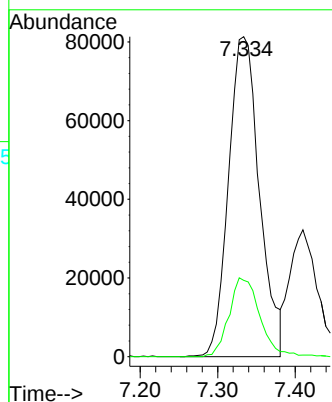
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 226010
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5

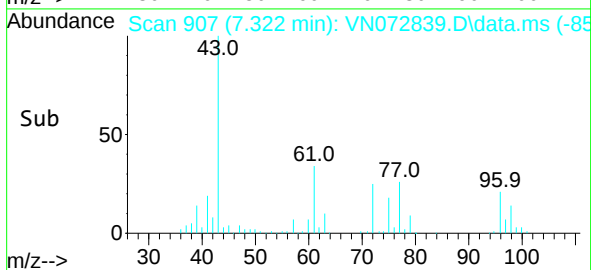
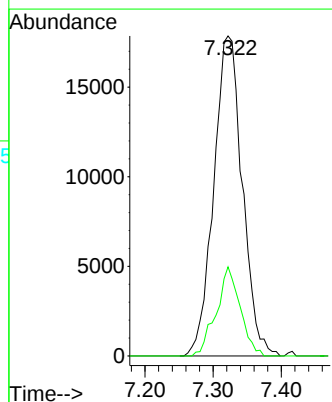
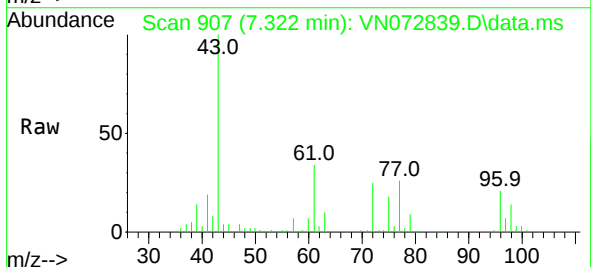
Manual Integrations
APPROVED

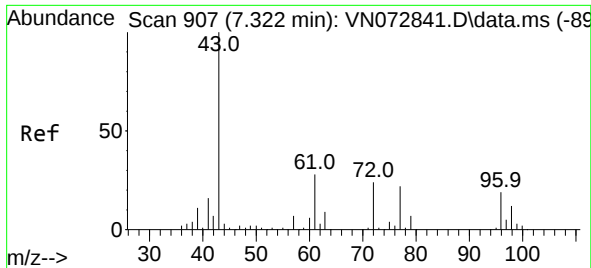
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#26
2,2-Dichloropropane
Concen: 11.803 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

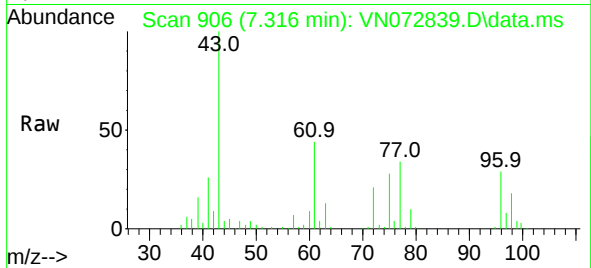
Tgt Ion: 77 Resp: 52108
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 11.586 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072839.D
 Acq: 14 Jun 2022 18:09

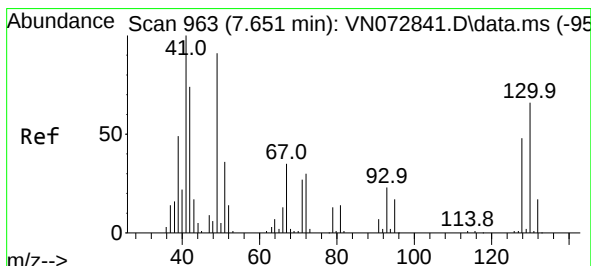
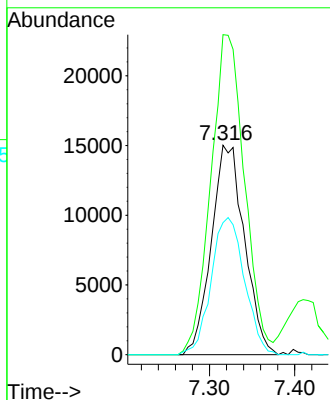
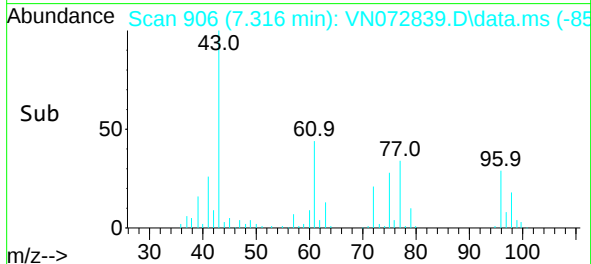
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 40628
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 280.6
 98 66.0 0.0 128.4

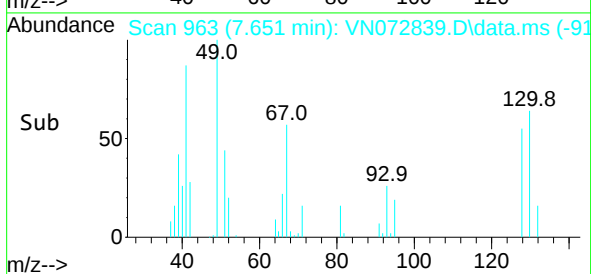
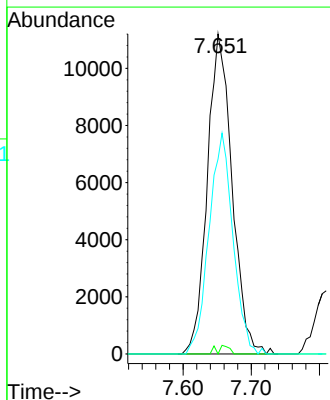
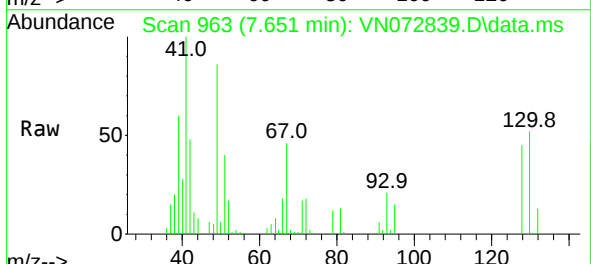
Manual Integrations
 APPROVED

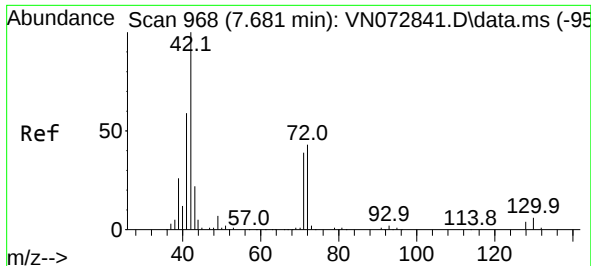
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022



#28
 Bromochloromethane
 Concen: 10.005 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.000 min
 Lab File: VN072839.D
 Acq: 14 Jun 2022 18:09

Tgt Ion: 49 Resp: 28338
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 66.8 69.7 104.5#





#29

Tetrahydrofuran

Concen: 64.452 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

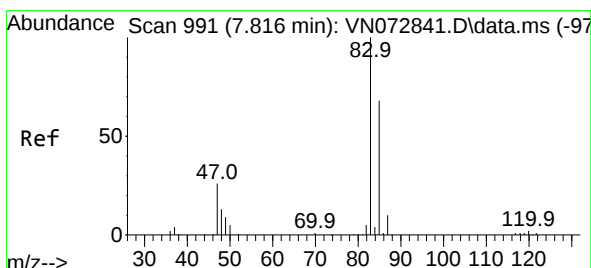
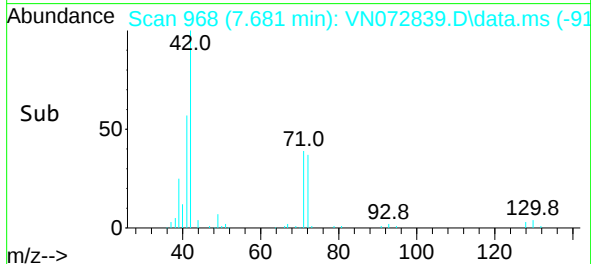
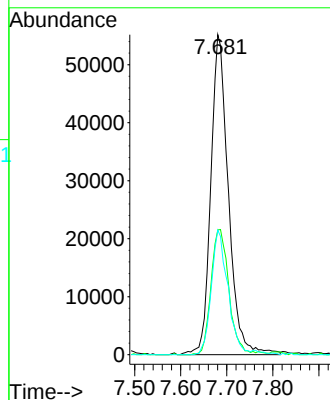
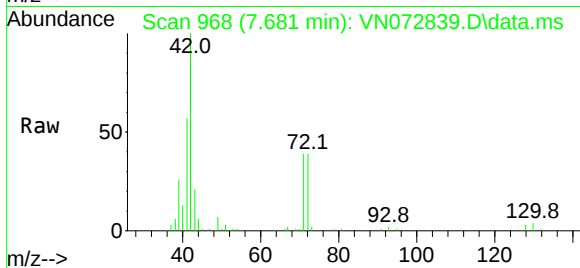
Tgt Ion: 42 Resp: 146480
 Ion Ratio Lower Upper
 42 100
 72 39.8 39.7 59.5
 71 36.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#30

Chloroform

Concen: 12.121 ug/l

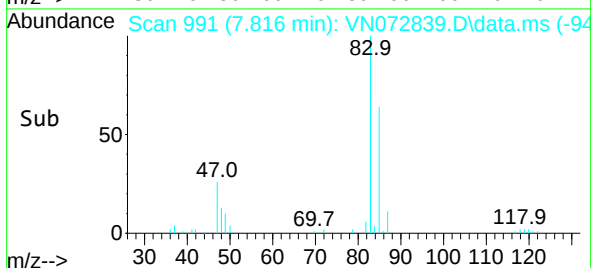
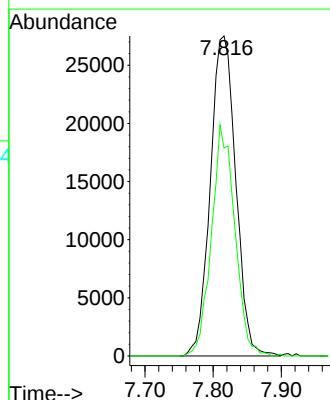
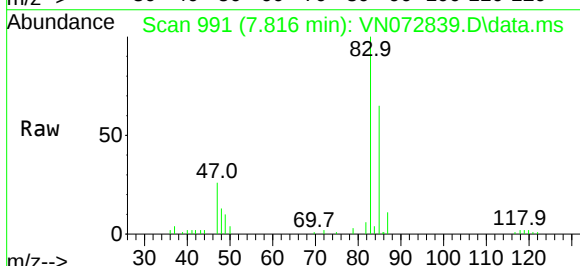
RT: 7.816 min Scan# 991

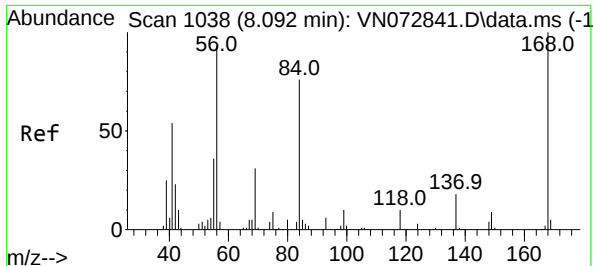
Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

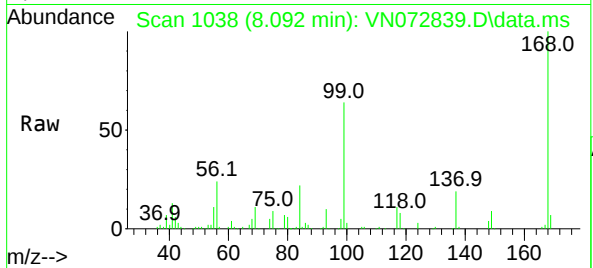
Tgt Ion: 83 Resp: 71581
 Ion Ratio Lower Upper
 83 100
 85 64.9 51.8 77.8





#31
Cyclohexane
Concen: 11.846 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

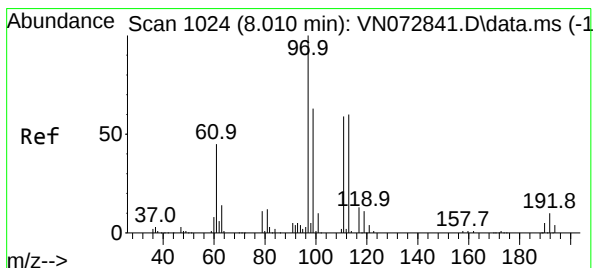
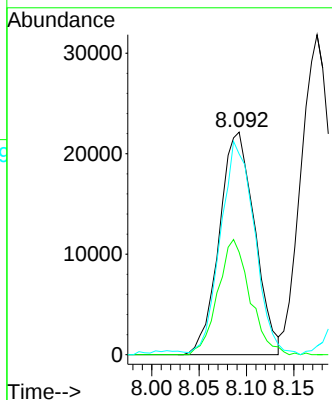
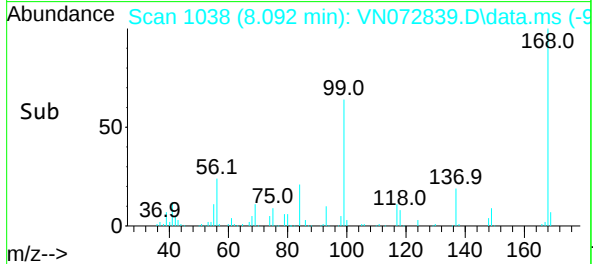
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



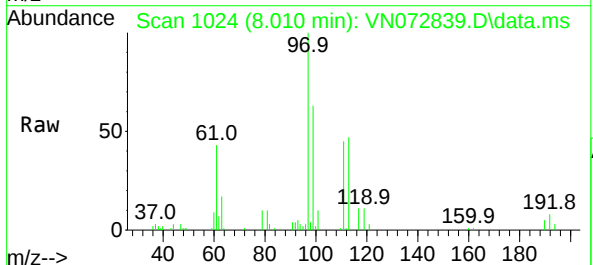
Tgt Ion: 56 Resp: 57692
Ion Ratio Lower Upper
56 100
69 46.0 27.8 41.8
84 88.6 76.9 115.3

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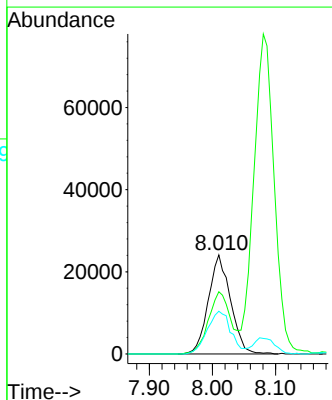
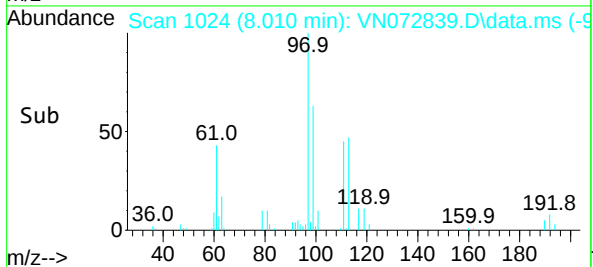
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

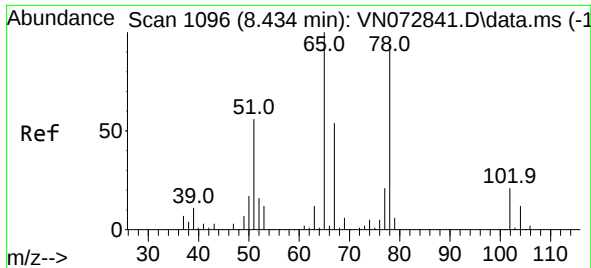


#32
1,1,1-Trichloroethane
Concen: 12.138 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



Tgt Ion: 97 Resp: 58748
Ion Ratio Lower Upper
97 100
99 62.3 50.6 76.0
61 46.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 10.440 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 43870

Ion Ratio Lower Upper

65 100

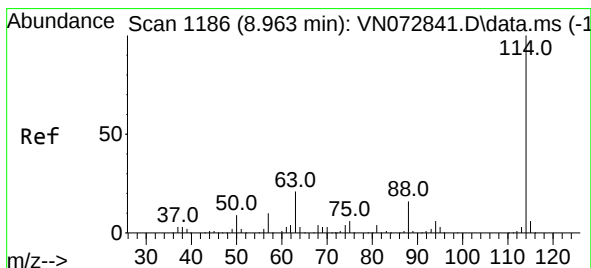
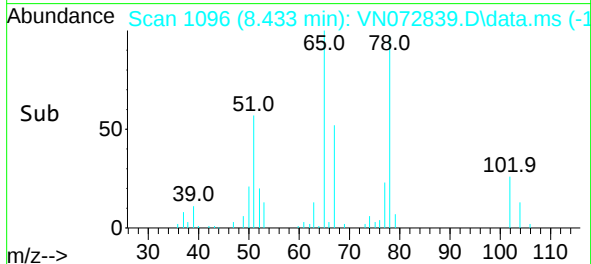
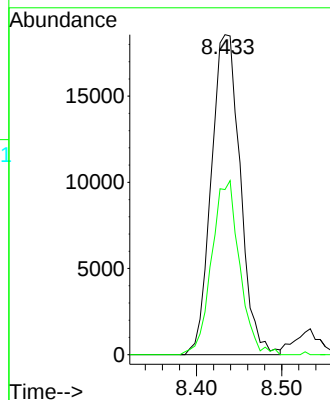
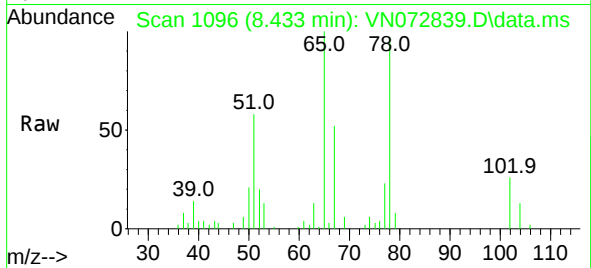
67 52.3 0.0 104.8

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: VN072839.D

Acq: 14 Jun 2022 18:09

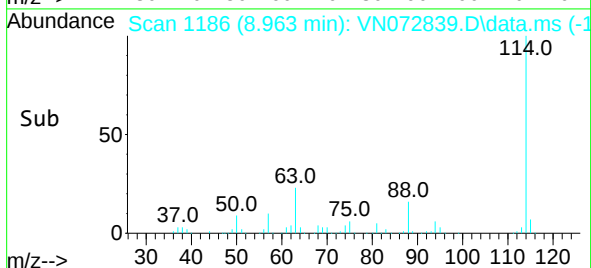
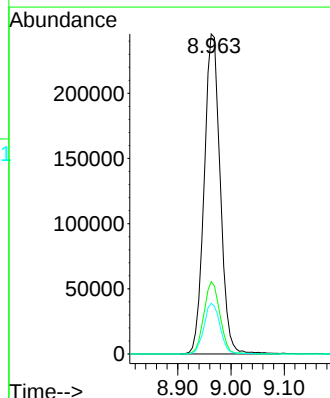
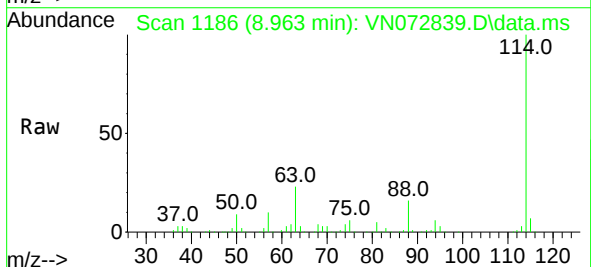
Tgt Ion:114 Resp: 513149

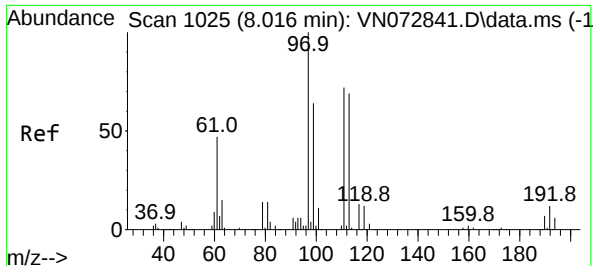
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 10.145 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 113 Resp: 31854

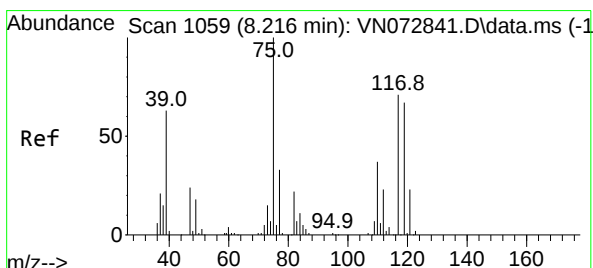
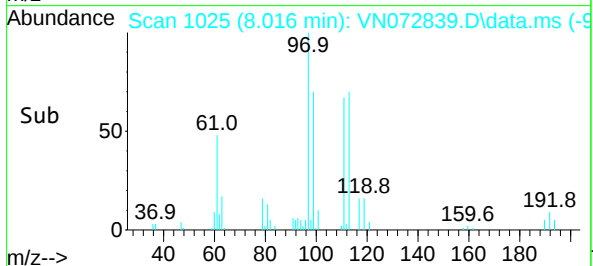
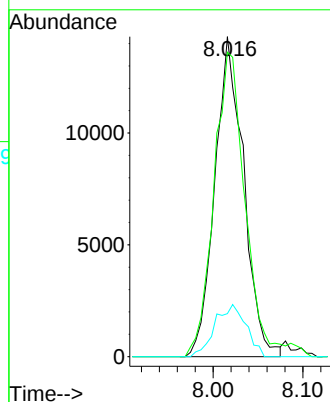
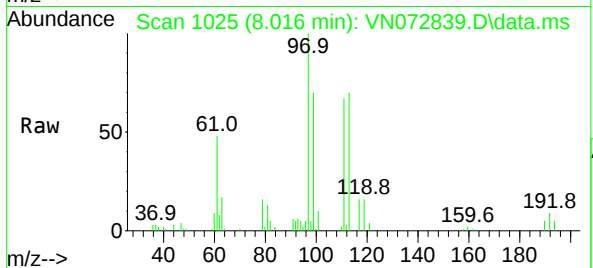
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.4	122.0
192	17.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#36

1,1-Dichloropropene

Concen: 11.636 ug/l

RT: 8.216 min Scan# 1059

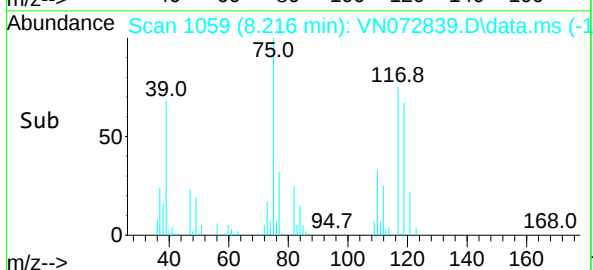
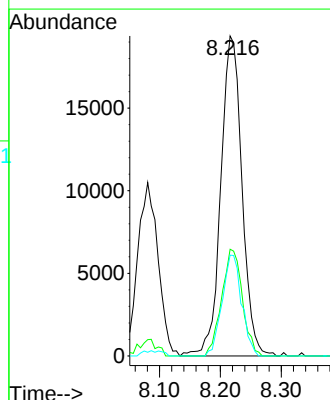
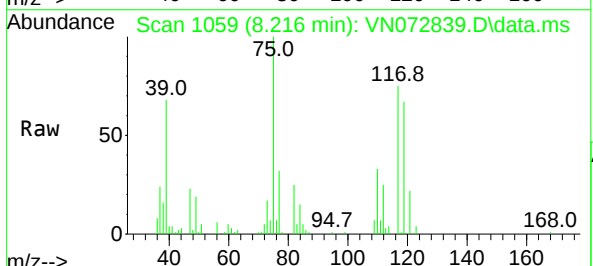
Delta R.T. -0.000 min

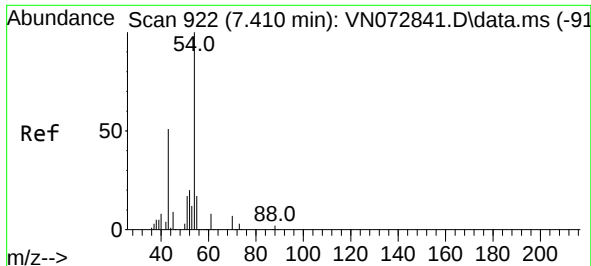
Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Tgt Ion: 75 Resp: 46902

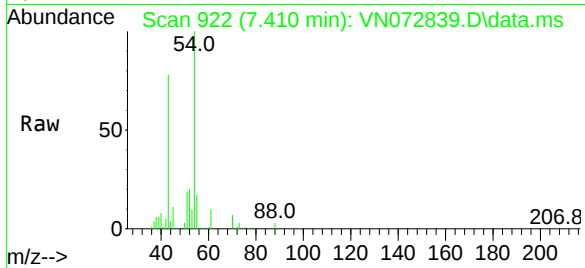
Ion	Ratio	Lower	Upper
75	100		
110	32.5	18.3	54.8
77	29.0	25.1	37.7





#37
Ethyl Acetate
Concen: 12.772 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

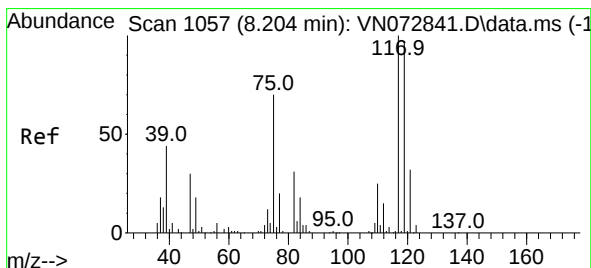
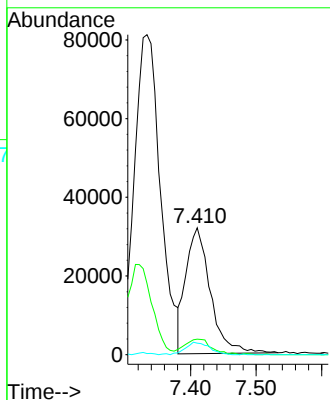
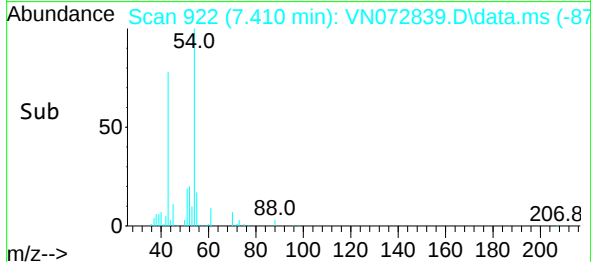
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 8304
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.6
70 9.7 9.3 13.9

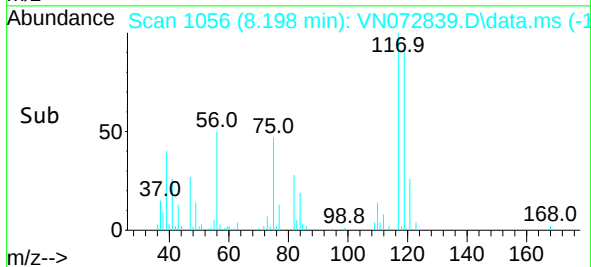
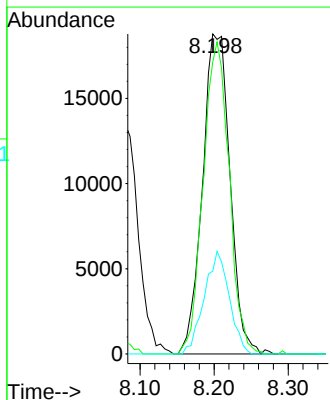
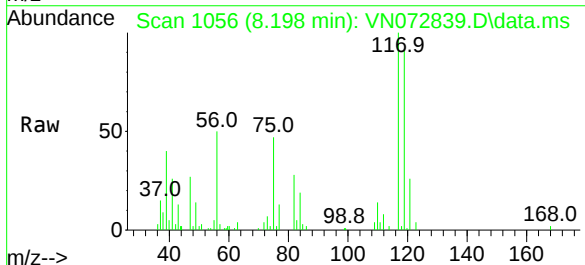
Manual Integrations
APPROVED

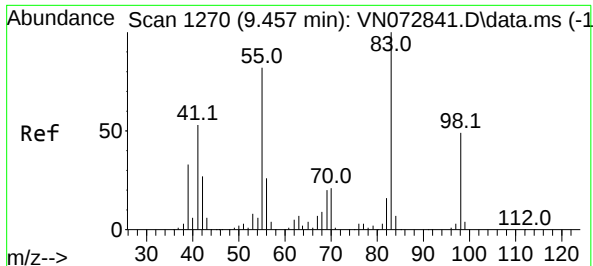
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#38
Carbon Tetrachloride
Concen: 12.038 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion:117 Resp: 48539
Ion Ratio Lower Upper
117 100
119 91.2 75.8 113.8
121 25.9 24.6 37.0





#39

Methylcyclohexane

Concen: 10.801 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 4991

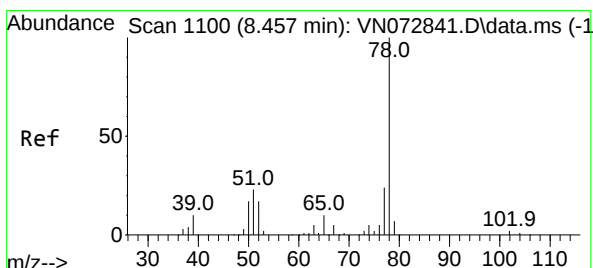
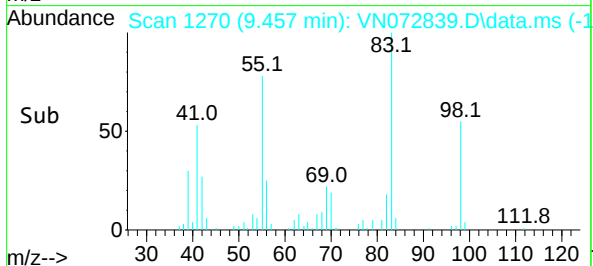
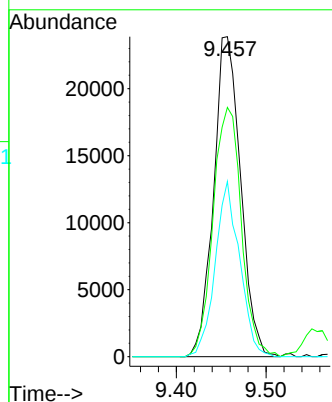
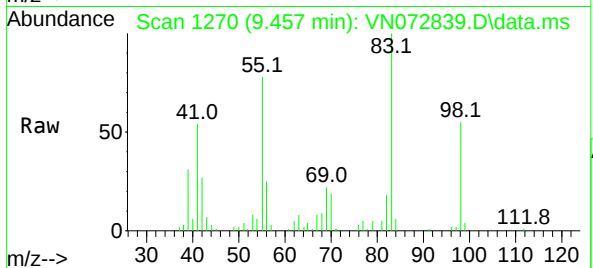
Ion	Ratio	Lower	Upper
83	100		
55	77.9	57.8	86.8
98	54.7	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#40

Benzene

Concen: 11.941 ug/l

RT: 8.457 min Scan# 1100

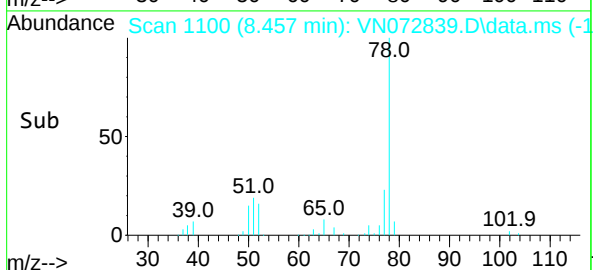
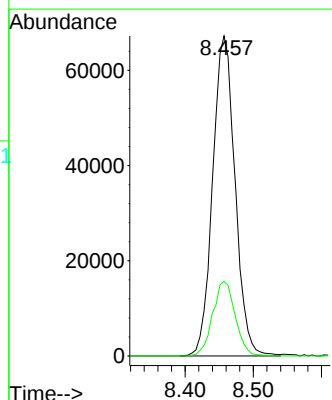
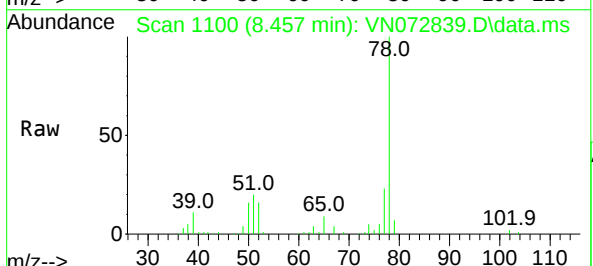
Delta R.T. -0.000 min

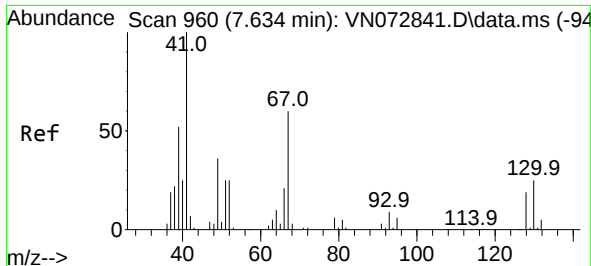
Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Tgt Ion: 78 Resp: 153687

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0





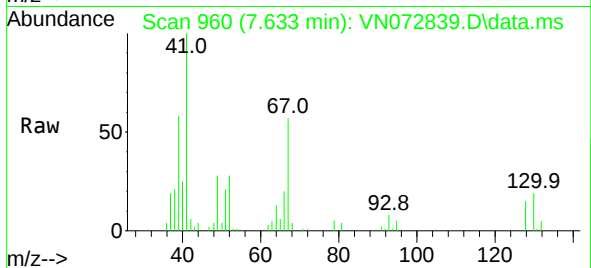
#41
Methacrylonitrile
Concen: 12.193 ug/l
RT: 7.633 min Scan# 960
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC010



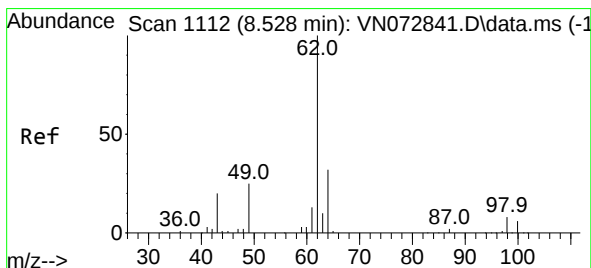
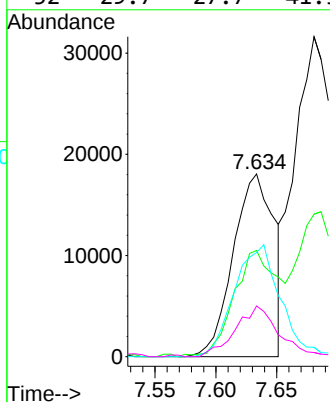
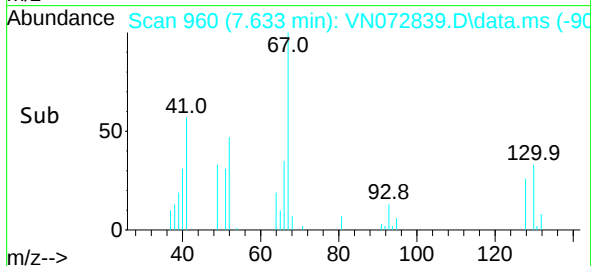
Tgt Ion: 41 Resp: 42119
Ion Ratio Lower Upper
41 100
39 63.7 48.6 73.0
67 69.2 73.4 110.2
52 29.7 27.7 41.5

Manual Integrations

APPROVED

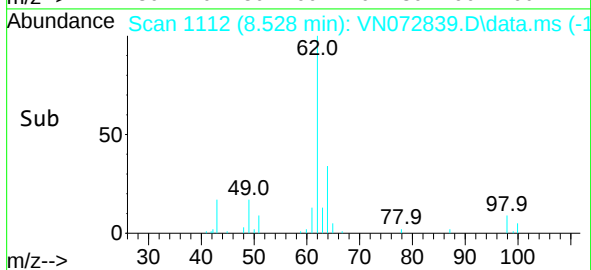
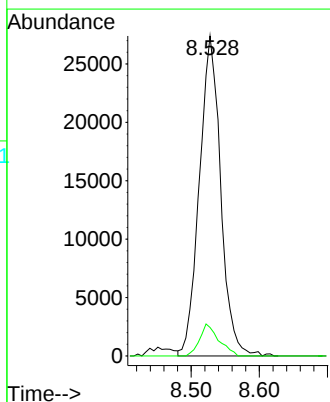
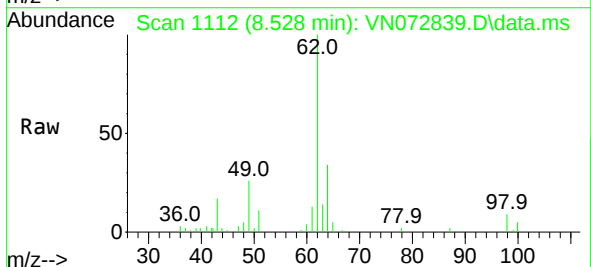
Reviewed By :John Carlone 06/15/2022

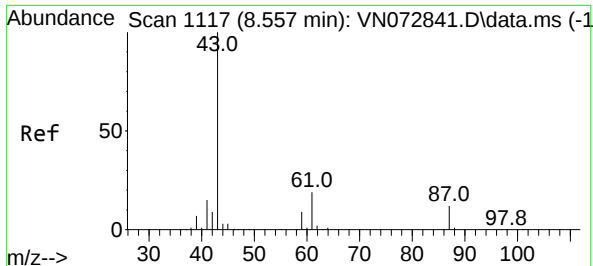
Supervised By :Mahesh Dadoda 06/15/2022



#42
1,2-Dichloroethane
Concen: 12.257 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion: 62 Resp: 59609
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 11.458 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

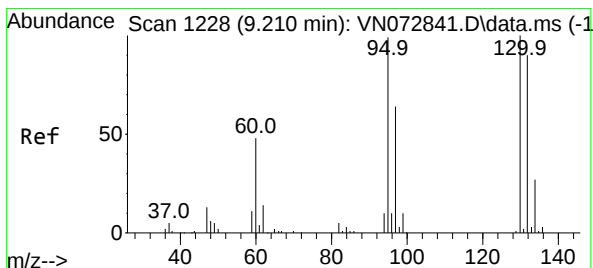
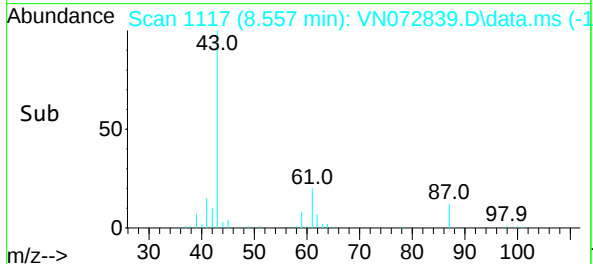
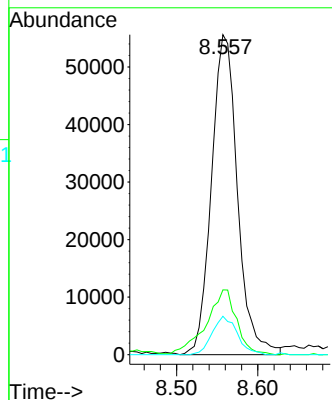
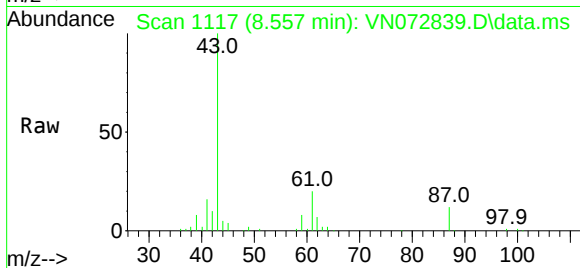
Tgt Ion: 43	Resp: 123820
Ion Ratio	Lower Upper
43 100	
61 23.8	21.9 32.9
87 11.6	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#44

Trichloroethene

Concen: 11.454 ug/l

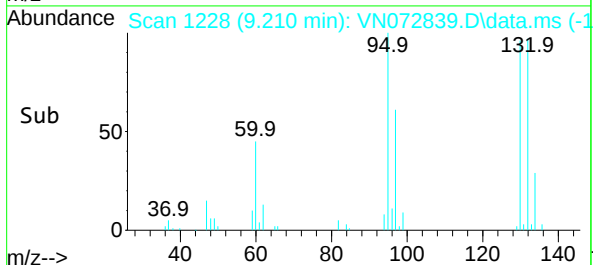
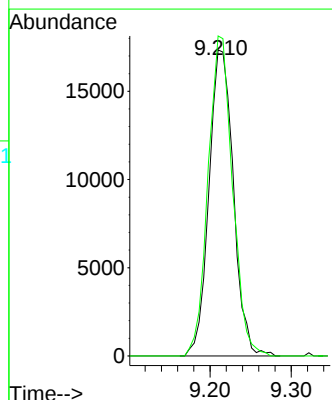
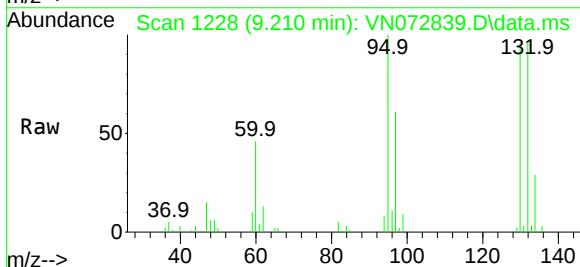
RT: 9.210 min Scan# 1228

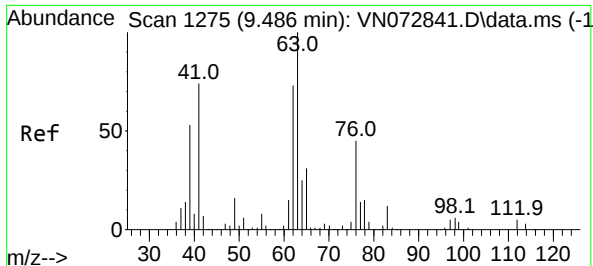
Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Tgt Ion:130	Resp: 36201
Ion Ratio	Lower Upper
130 100	
95 104.6	0.0 186.8





#45

1,2-Dichloropropane

Concen: 12.876 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 43702

Ion Ratio Lower Upper

63 100

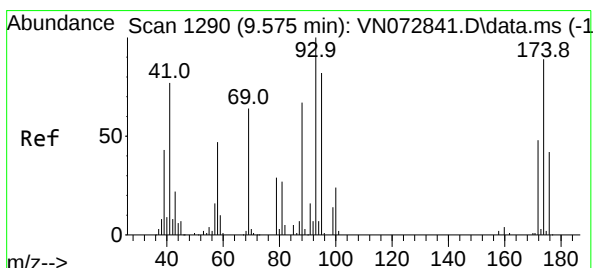
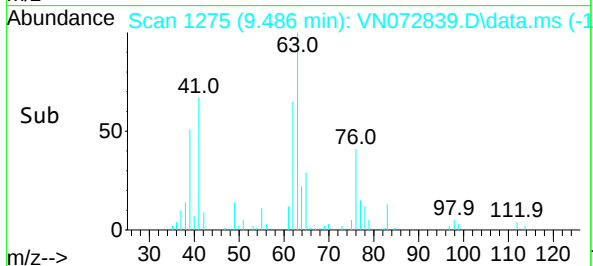
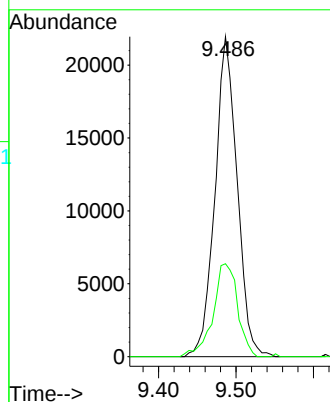
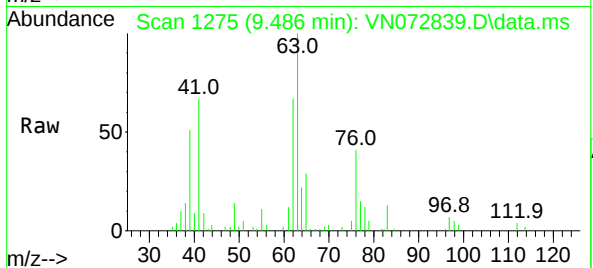
65 29.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#46

Dibromomethane

Concen: 11.922 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

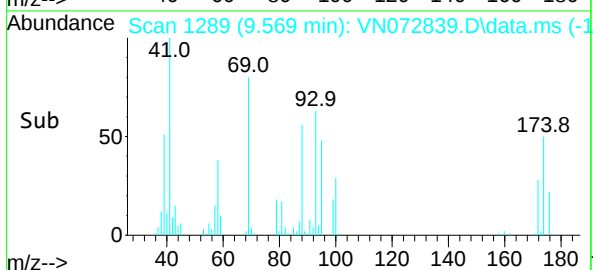
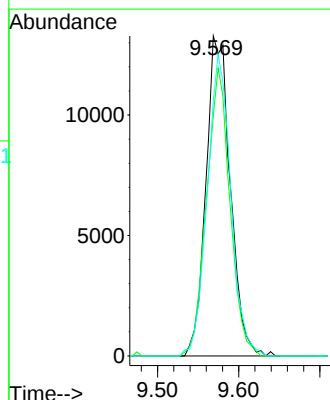
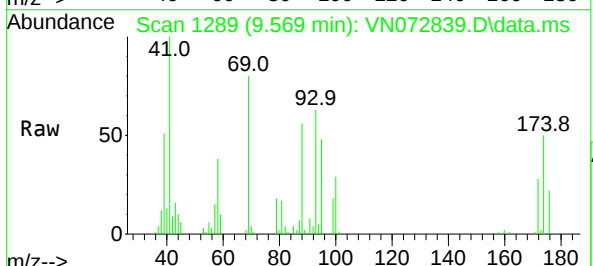
Tgt Ion: 93 Resp: 27669

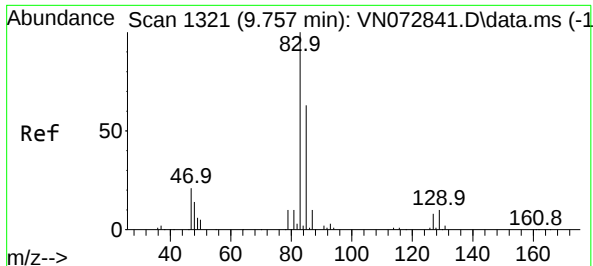
Ion Ratio Lower Upper

93 100

95 86.4 66.9 100.3

174 91.2 86.6 130.0





#47

Bromodichloromethane

Concen: 11.942 ug/l

RT: 9.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

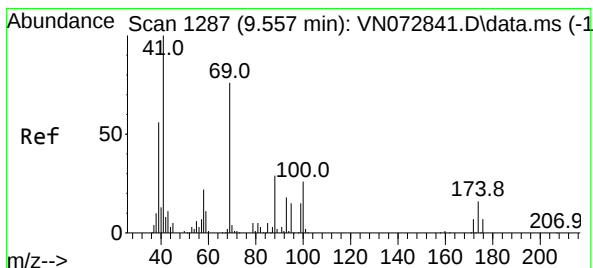
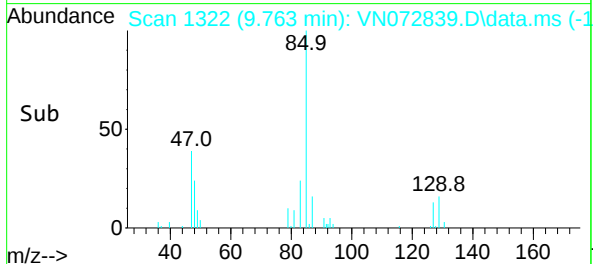
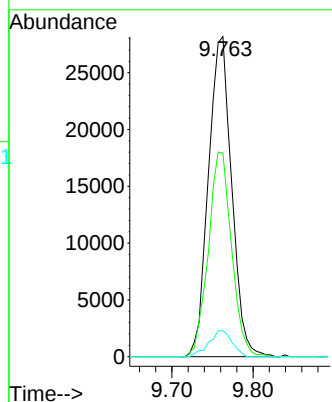
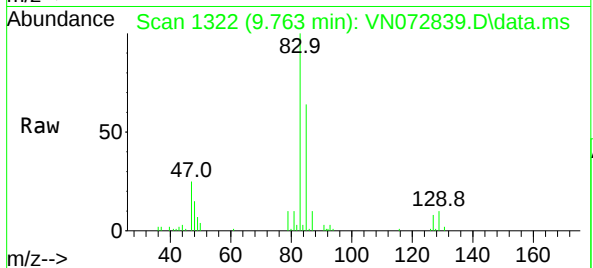
Tgt Ion: 83	Resp: 56009
Ion Ratio	Lower Upper
83 100	
85 63.6	50.5 75.7
127 8.2	6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#48

Methyl methacrylate

Concen: 12.461 ug/l

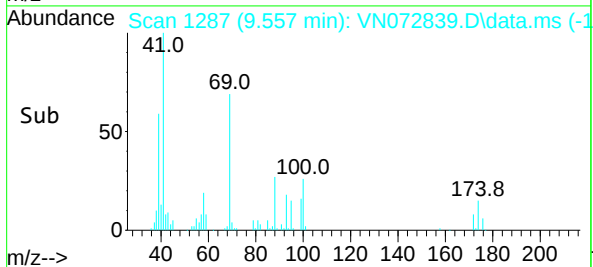
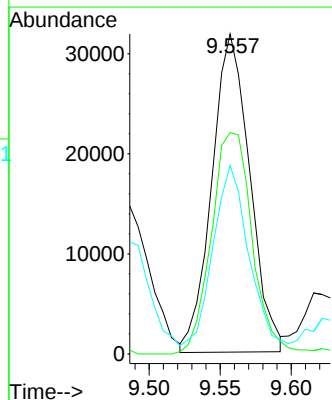
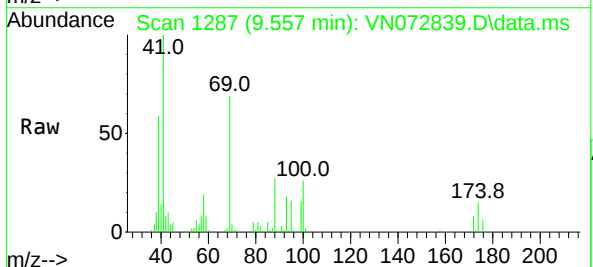
RT: 9.557 min Scan# 1287

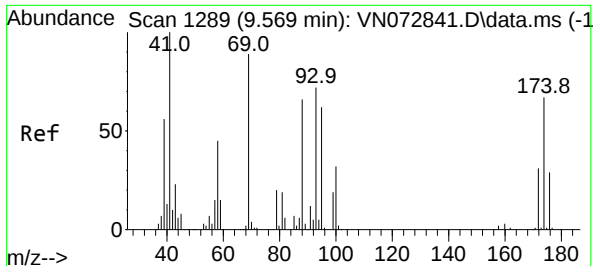
Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Tgt Ion: 41	Resp: 59102
Ion Ratio	Lower Upper
41 100	
69 75.1	74.7 112.1
39 57.1	45.6 68.4





#49

1,4-Dioxane

Concen: 254.658 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 2307

Ion Ratio Lower Upper

88 100

43 31.0 20.2 30.4

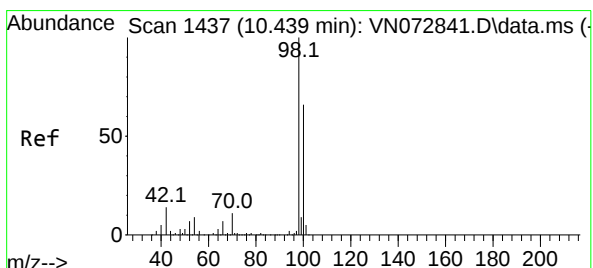
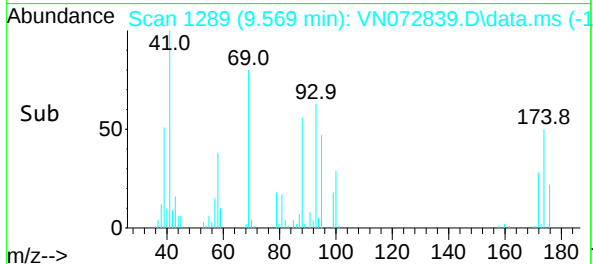
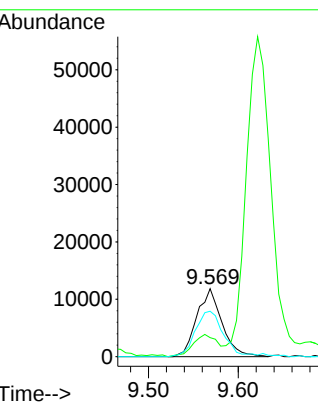
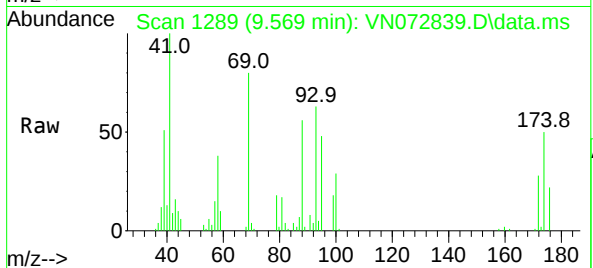
58 74.4 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#50

Toluene-d8

Concen: 9.935 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VN072839.D

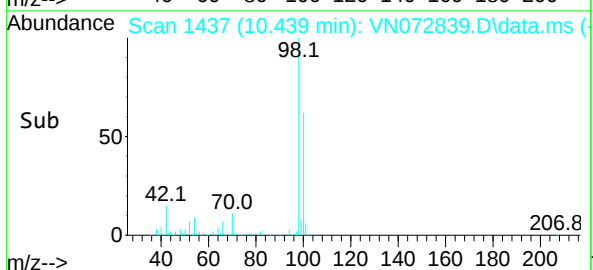
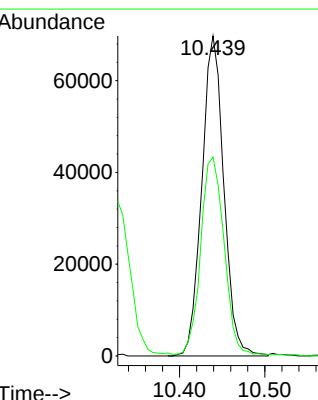
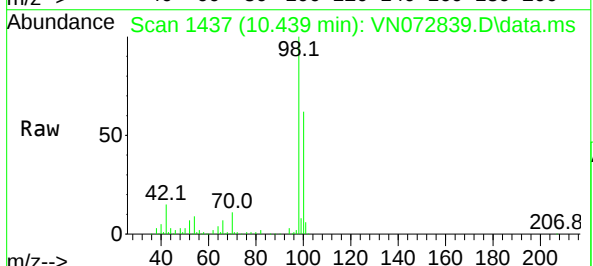
Acq: 14 Jun 2022 18:09

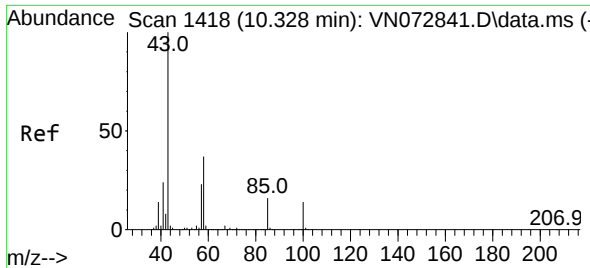
Tgt Ion: 98 Resp: 125223

Ion Ratio Lower Upper

98 100

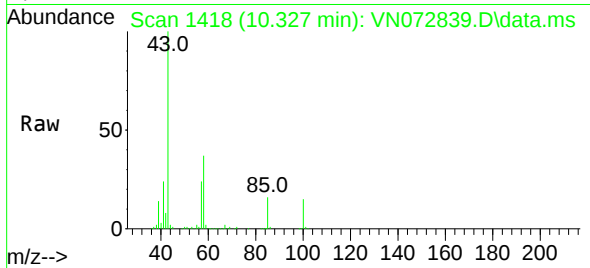
100 66.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 62.412 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

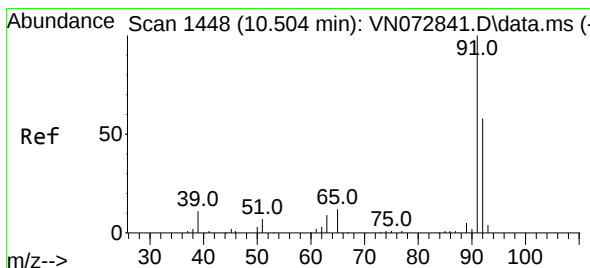
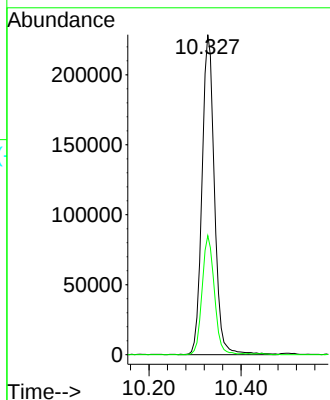
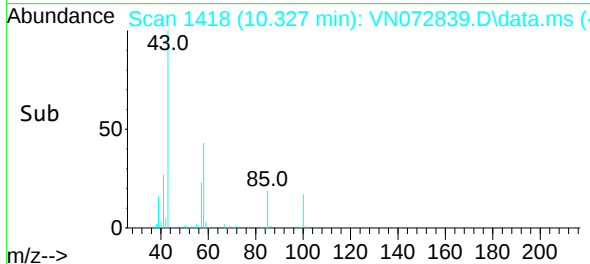
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



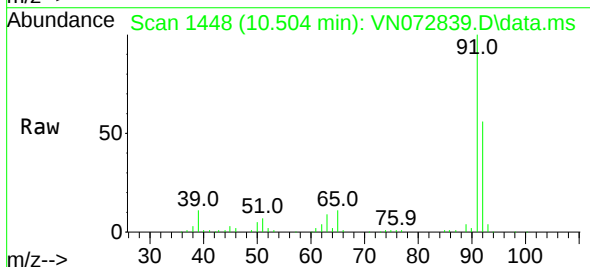
Tgt Ion: 43 Resp: 431992
Ion Ratio Lower Upper
43 100
58 36.6 34.1 51.1

Manual Integrations
APPROVED

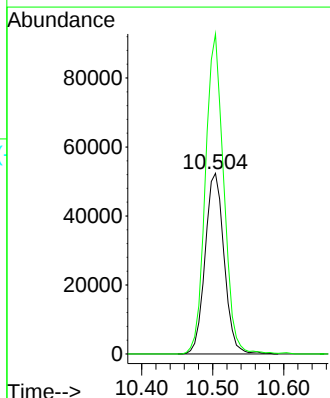
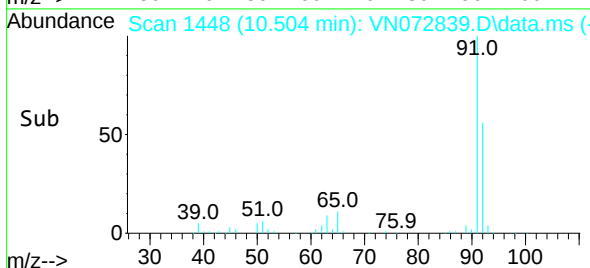
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

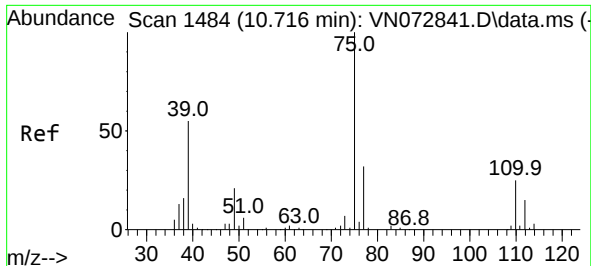


#52
Toluene
Concen: 11.994 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



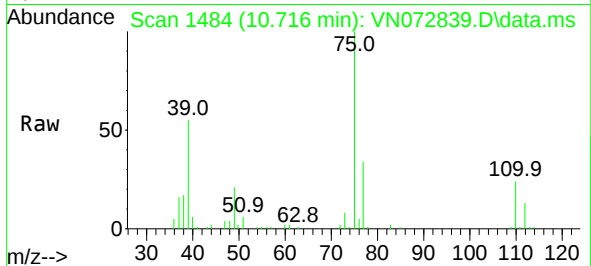
Tgt Ion: 92 Resp: 97413
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 11.100 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

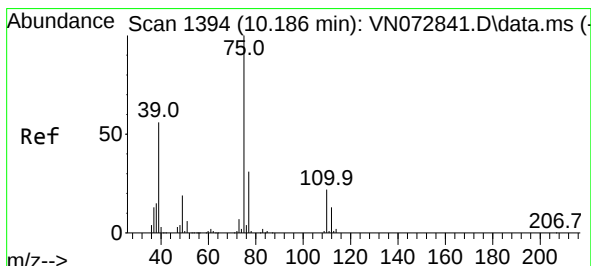
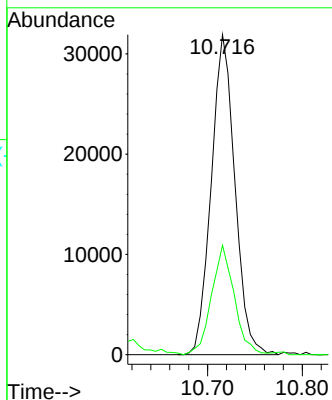
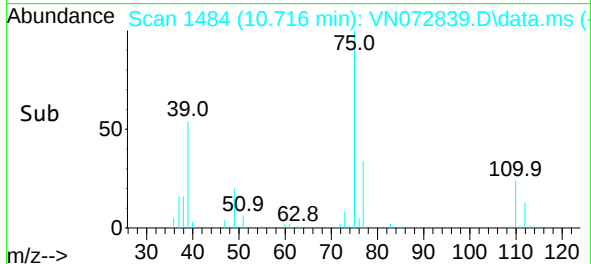
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



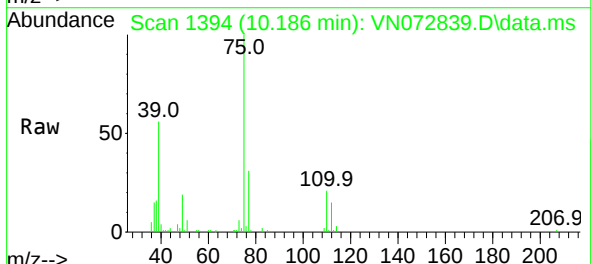
Tgt Ion: 75 Resp: 55440
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4

Manual Integrations
APPROVED

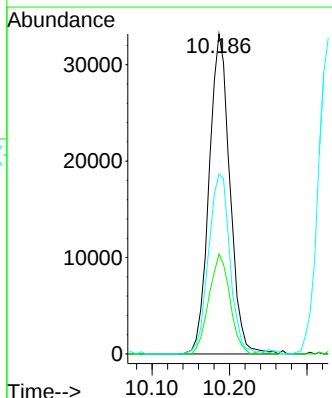
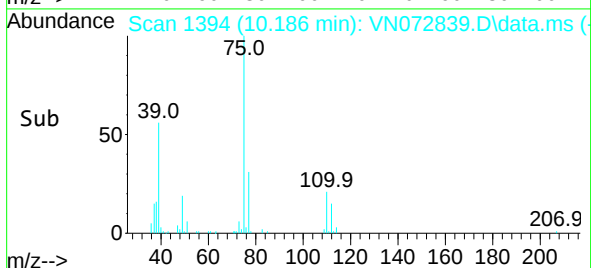
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

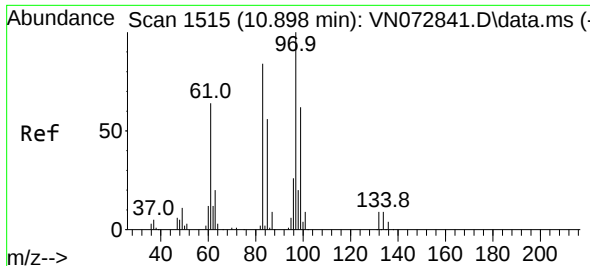


#54
cis-1,3-Dichloropropene
Concen: 11.528 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



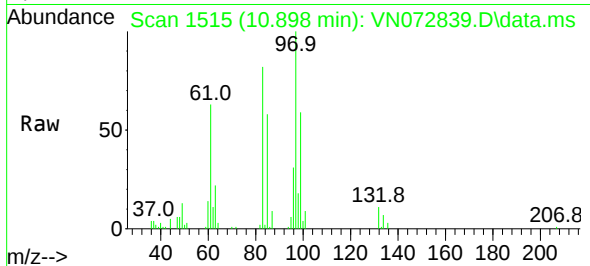
Tgt Ion: 75 Resp: 61722
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 56.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 12.161 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

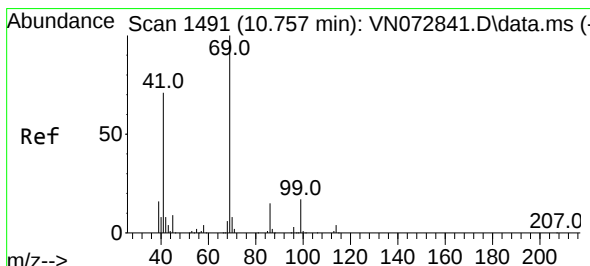
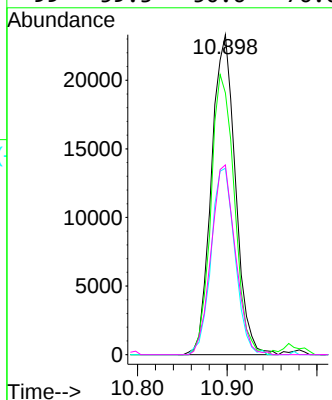
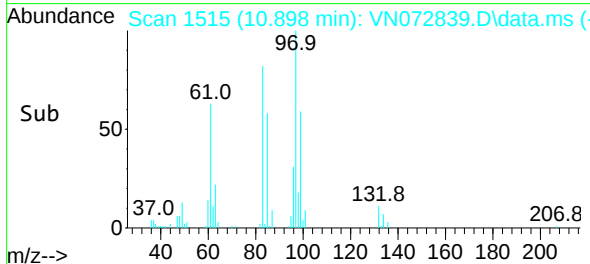
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



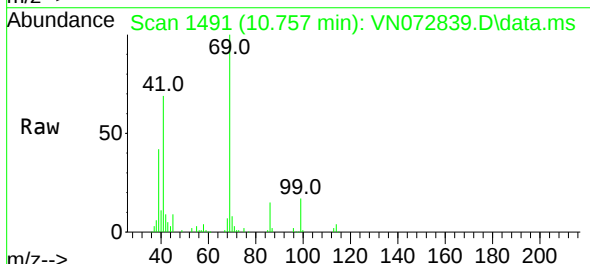
Tgt Ion:	97	Resp:	4321
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.2	99.4
85	58.2	43.9	65.9
99	59.3	50.6	76.0

Manual Integrations
APPROVED

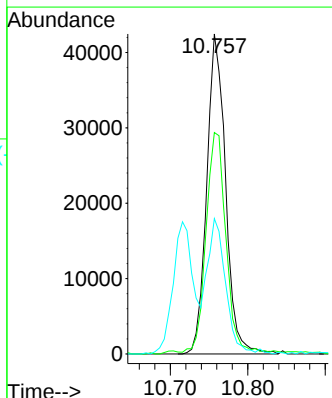
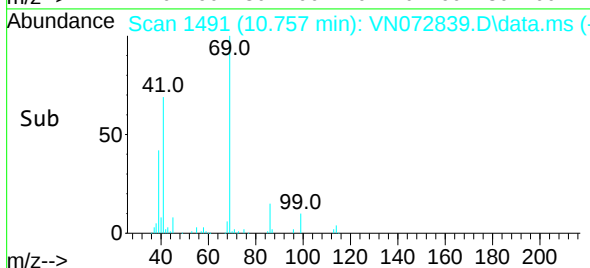
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

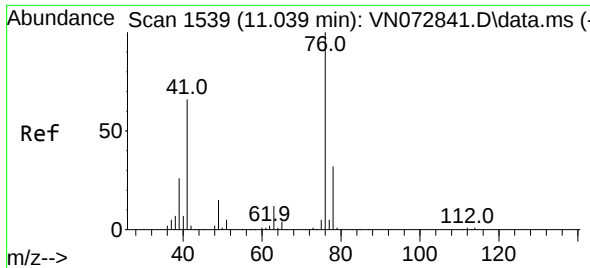


#56
Ethyl methacrylate
Concen: 11.830 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



Tgt Ion:	69	Resp:	71686
Ion	Ratio	Lower	Upper
69	100		
41	71.8	47.8	71.6#
39	40.0	27.3	40.9





#57

1,3-Dichloropropane

Concen: 12.141 ug/l

RT: 11.045 min Scan# 1539

Delta R.T. 0.006 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 74732

Ion Ratio Lower Upper

76 100

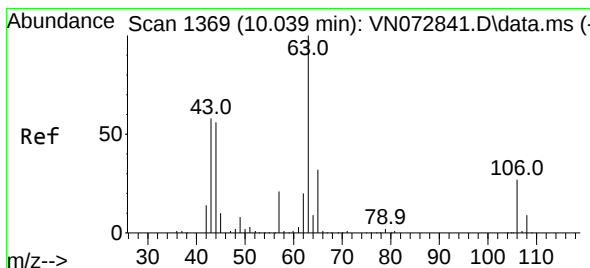
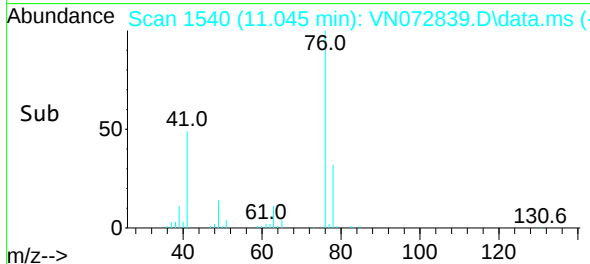
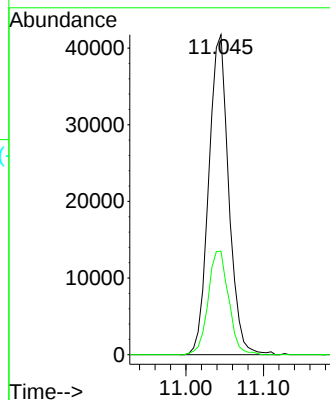
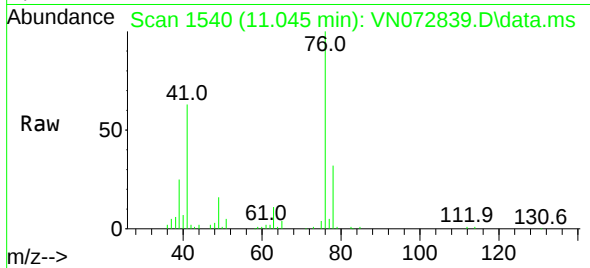
78 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 49.128 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VN072839.D

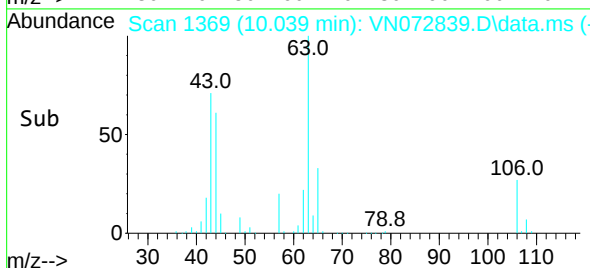
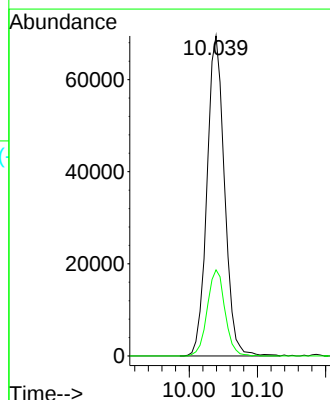
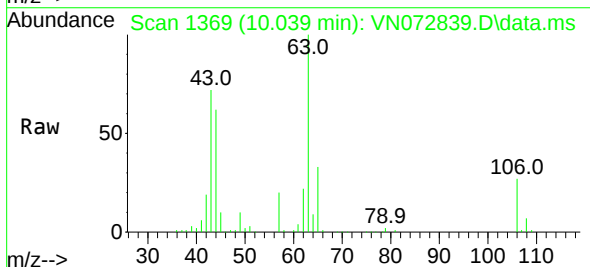
Acq: 14 Jun 2022 18:09

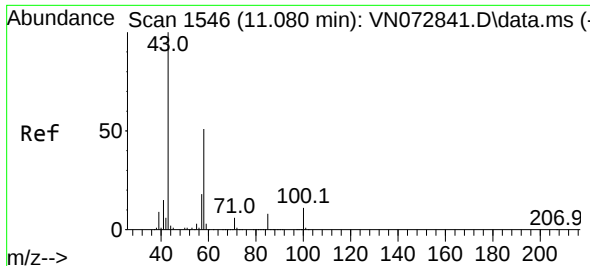
Tgt Ion: 63 Resp: 124051

Ion Ratio Lower Upper

63 100

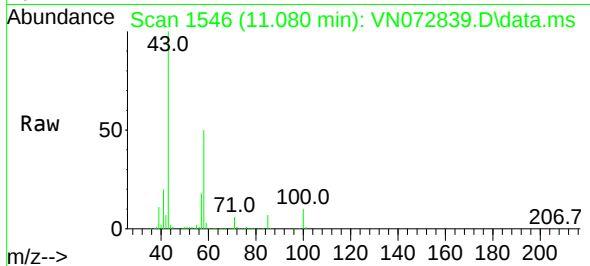
106 27.2 24.6 36.8





#59
2-Hexanone
Concen: 63.119 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

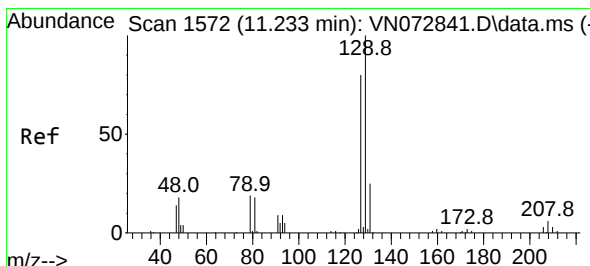
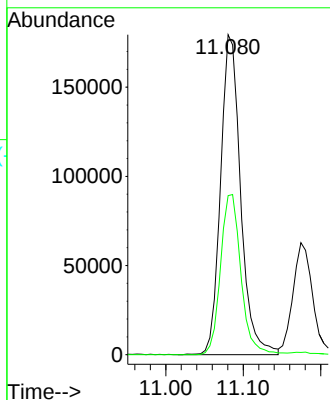
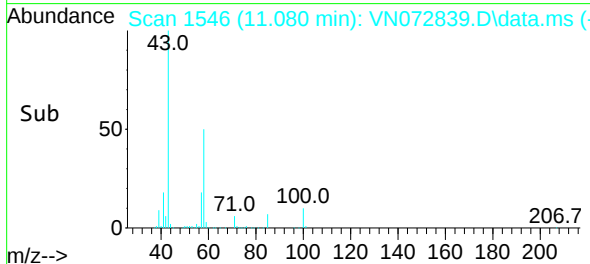
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 323779
Ion Ratio Lower Upper
43 100
58 50.9 29.7 89.1

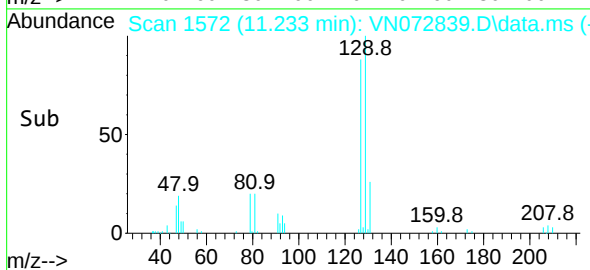
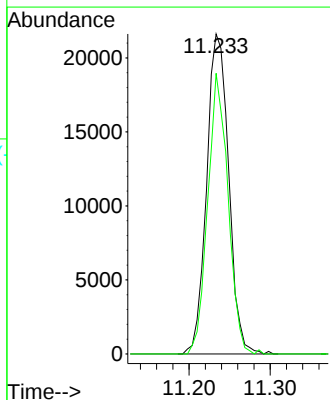
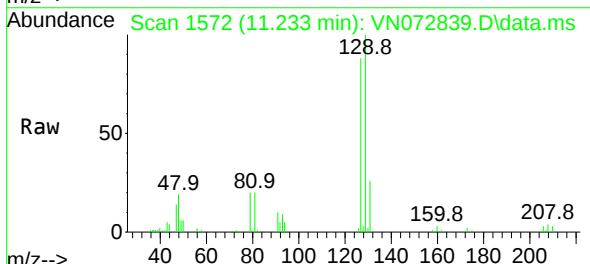
Manual Integrations
APPROVED

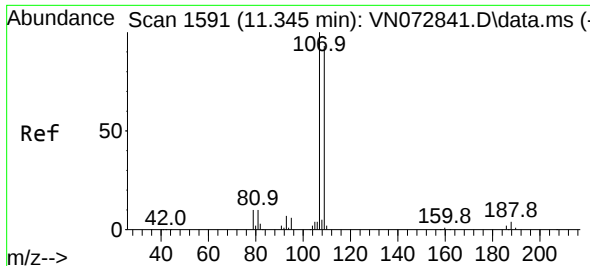
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#60
Dibromochloromethane
Concen: 11.627 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

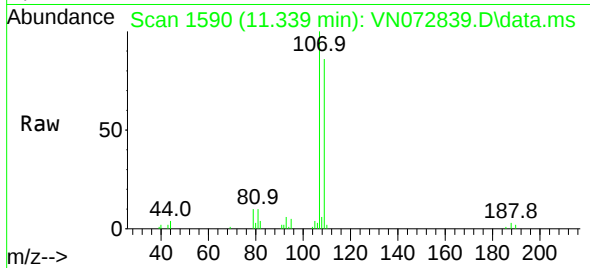
Tgt Ion:129 Resp: 40764
Ion Ratio Lower Upper
129 100
127 80.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 11.992 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

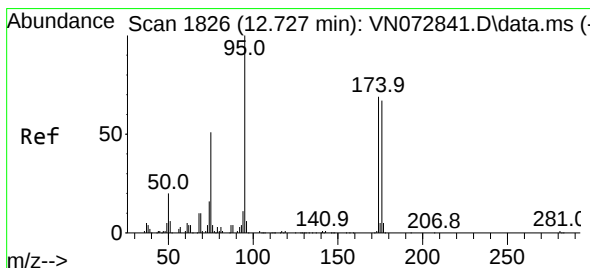
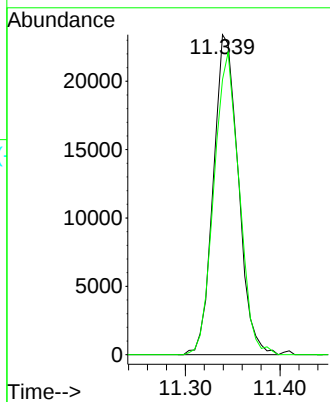
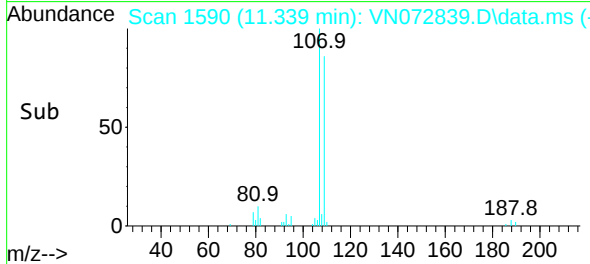
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



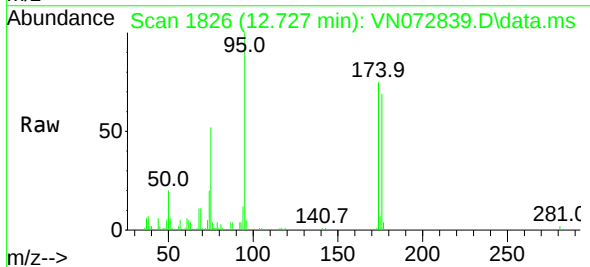
Tgt Ion:107 Resp: 42798
Ion Ratio Lower Upper
107 100
109 95.5 75.0 112.6

Manual Integrations
APPROVED

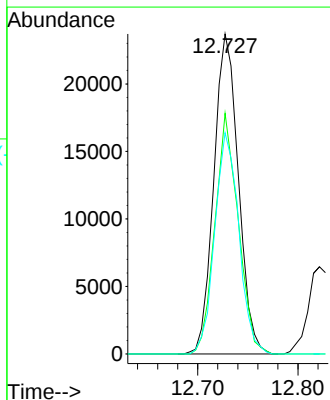
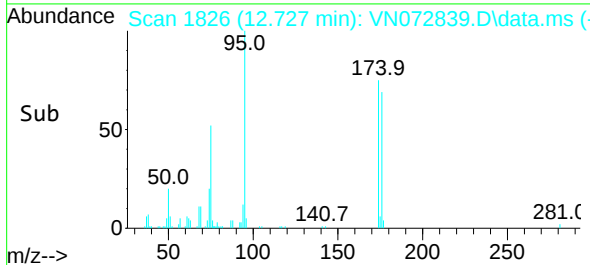
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

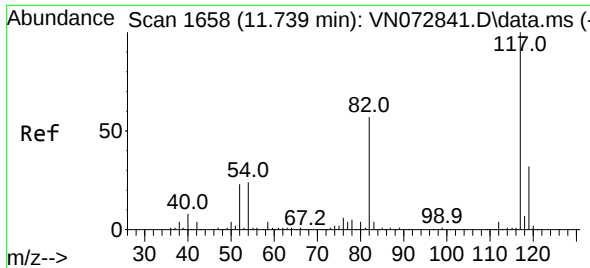


#62
4-Bromofluorobenzene
Concen: 9.326 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



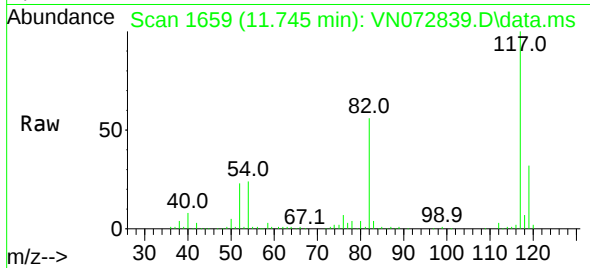
Tgt Ion: 95 Resp: 40249
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 68.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

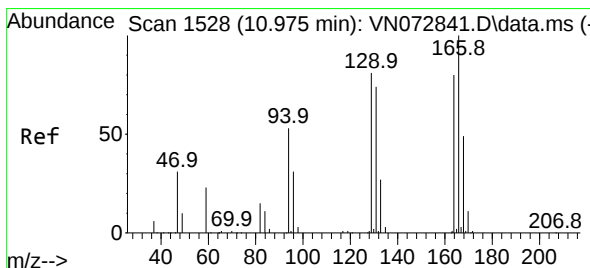
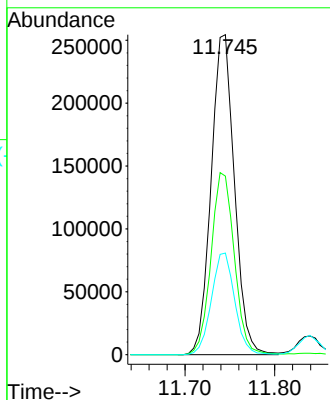
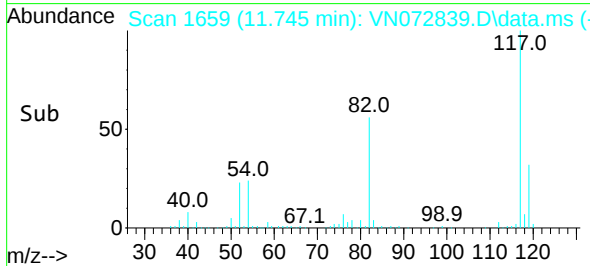
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



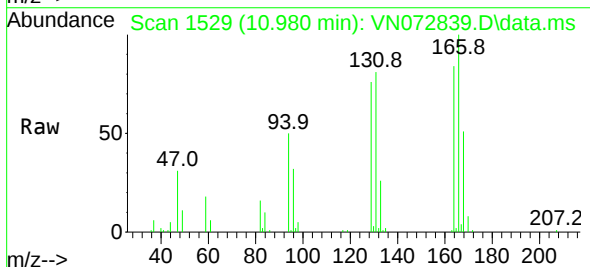
Tgt Ion:117 Resp: 45940
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
APPROVED

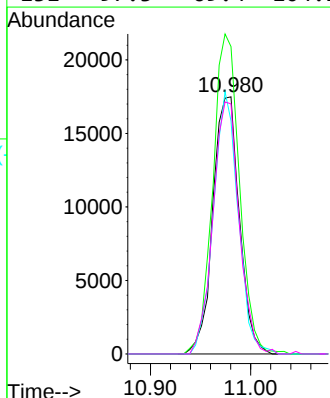
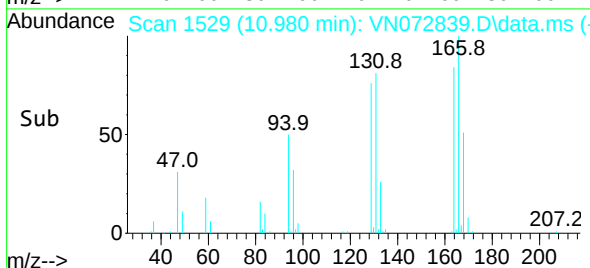
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

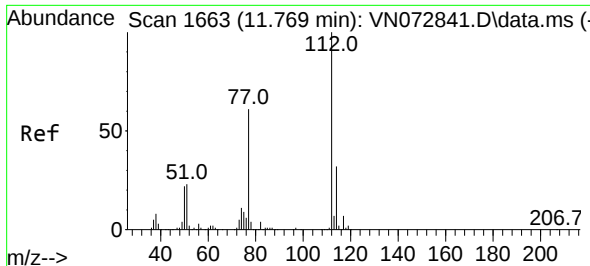


#64
Tetrachloroethene
Concen: 11.421 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



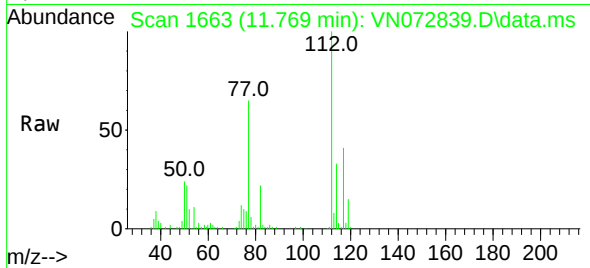
Tgt Ion:164 Resp: 32025
Ion Ratio Lower Upper
164 100
166 119.5 104.2 156.2
129 90.6 73.9 110.9
131 97.3 69.4 104.2





#65
Chlorobenzene
Concen: 11.771 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

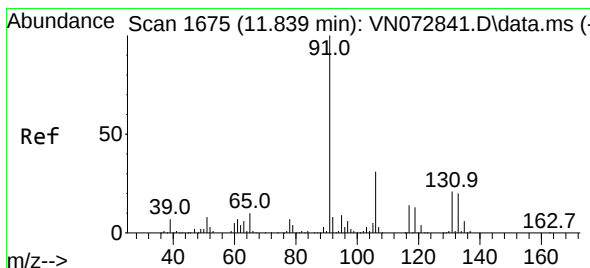
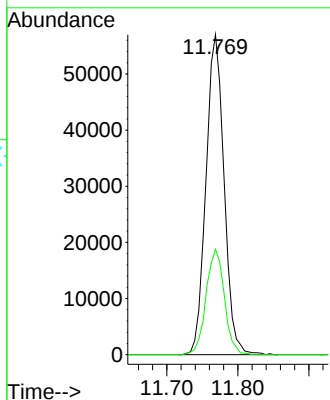
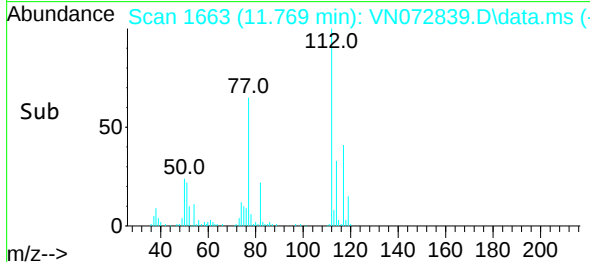
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



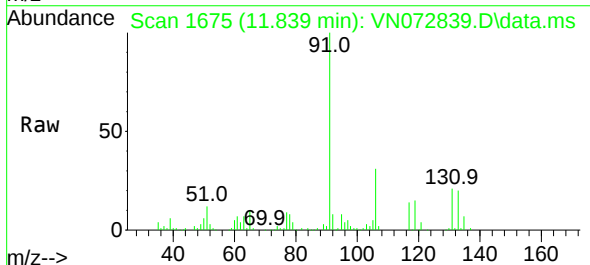
Tgt Ion:112 Resp: 10104
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

Manual Integrations
APPROVED

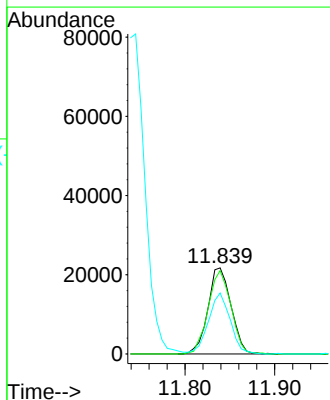
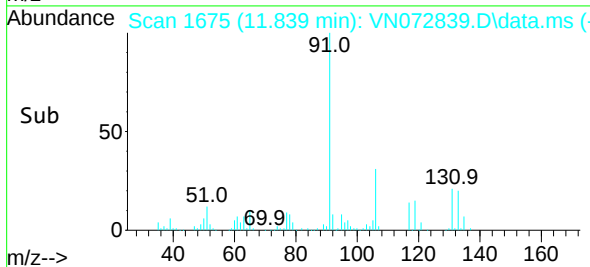
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

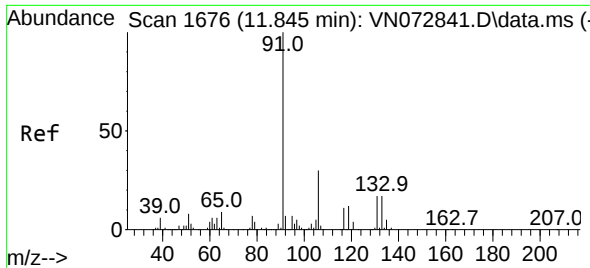


#66
1,1,1,2-Tetrachloroethane
Concen: 12.213 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



Tgt Ion:131 Resp: 38980
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 66.2 33.4 100.2





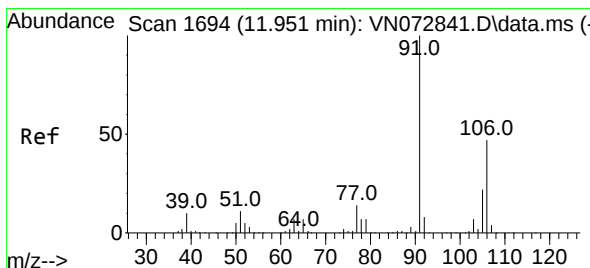
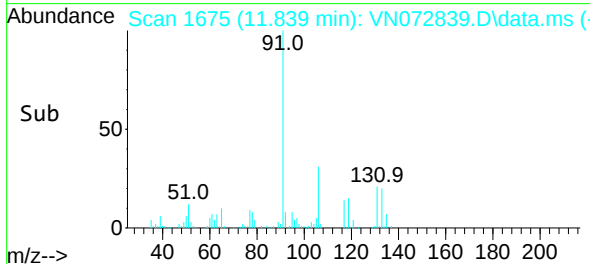
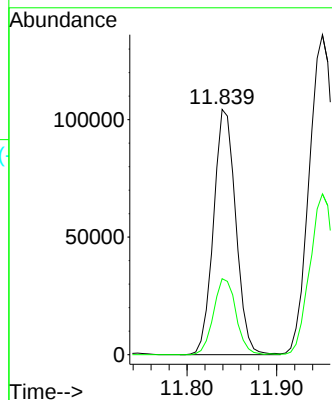
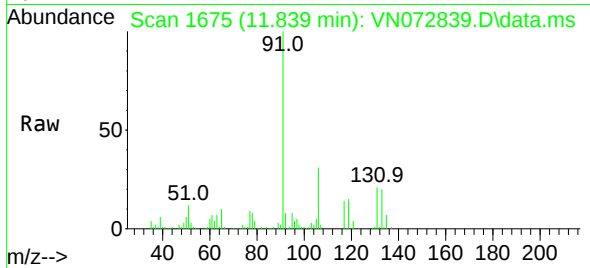
#67
Ethyl Benzene
Concen: 11.472 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 17995
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

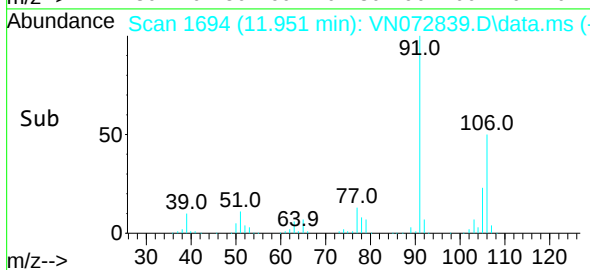
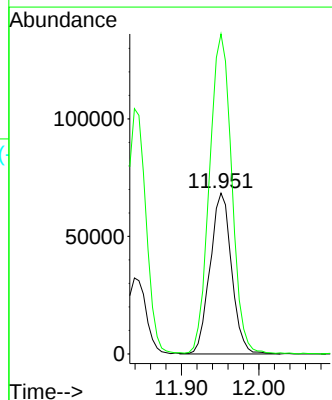
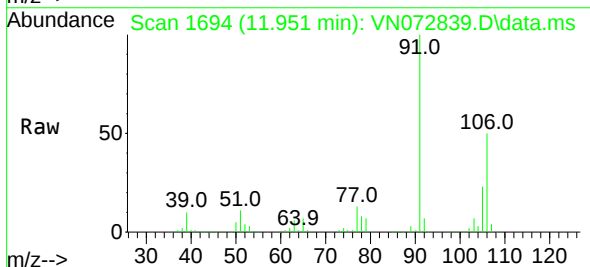
Manual Integrations
APPROVED

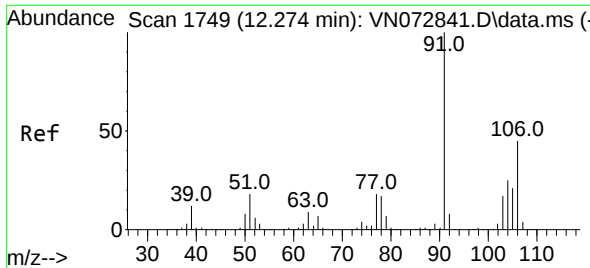
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#68
m/p-Xylenes
Concen: 23.247 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion:106 Resp: 131956
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3





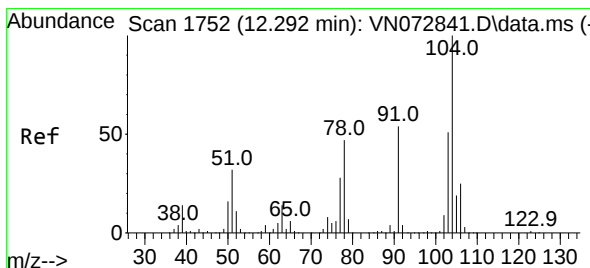
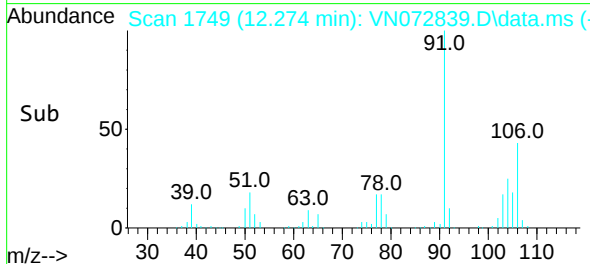
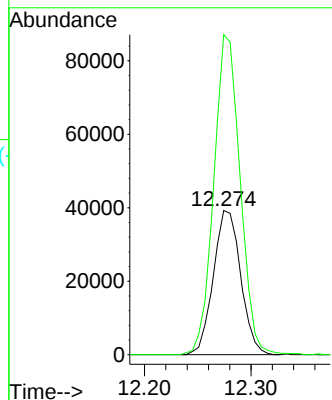
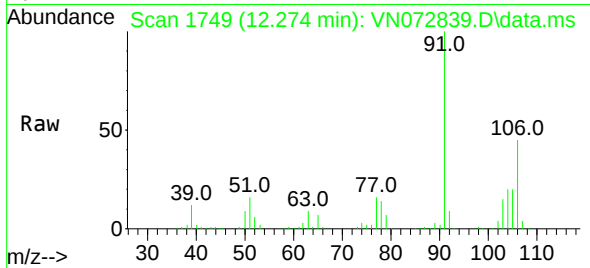
#69
o-Xylene
Concen: 11.900 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 69880
Ion Ratio Lower Upper
106 100
91 214.3 106.0 318.0

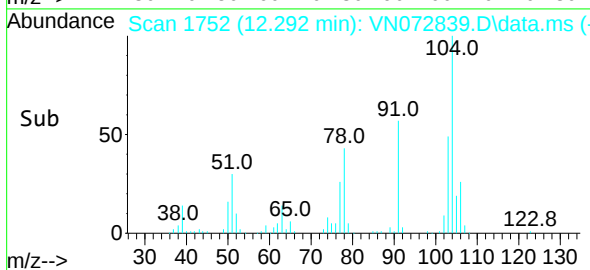
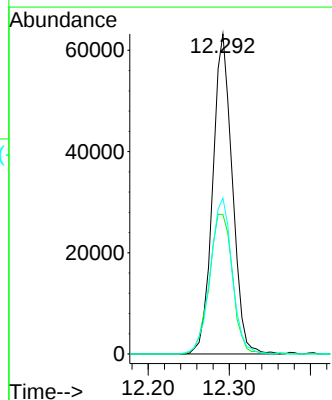
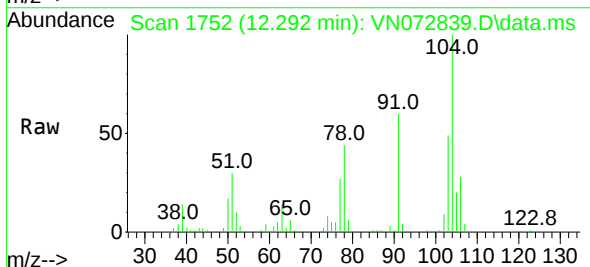
Manual Integrations
APPROVED

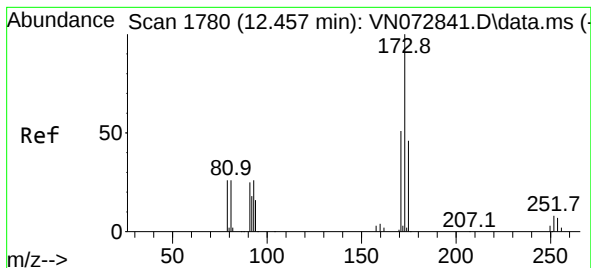
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#70
Styrene
Concen: 11.629 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion:104 Resp: 105994
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 54.1 44.0 66.0





#71

Bromoform

Concen: 12.076 ug/l

RT: 12.457 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

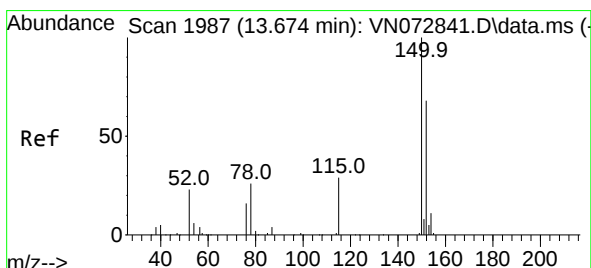
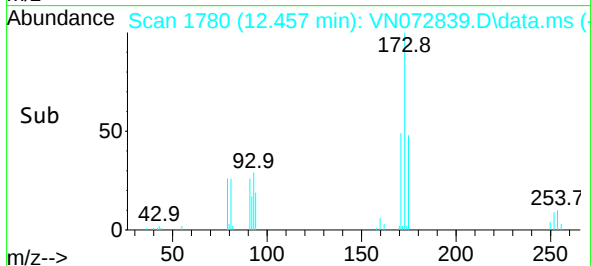
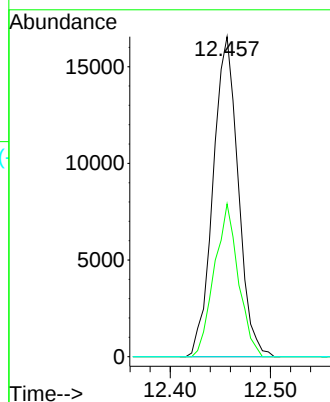
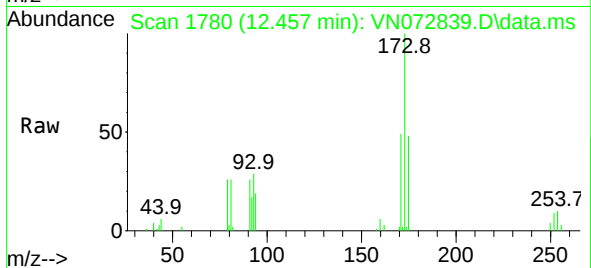
Tgt Ion:173	Resp:	2880
Ion Ratio	Lower	Upper
173	100	
175	45.7	24.6 73.6
254	0.0	0.1 0.1

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

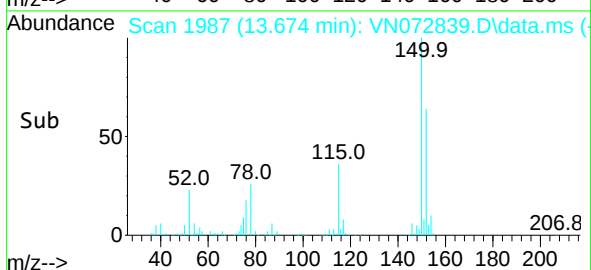
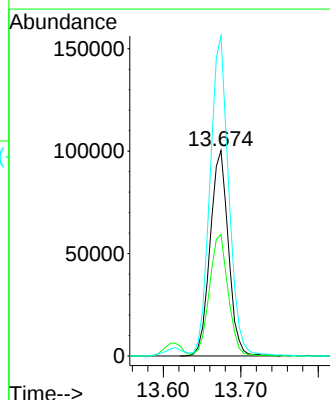
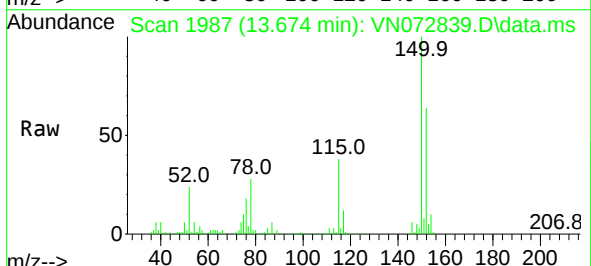
RT: 13.674 min Scan# 1987

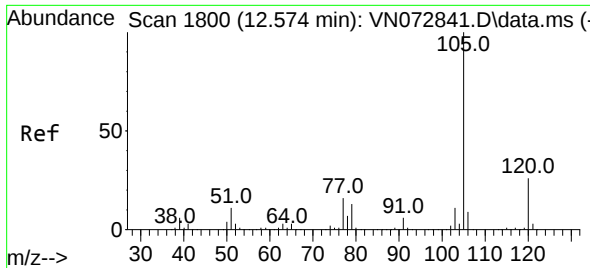
Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

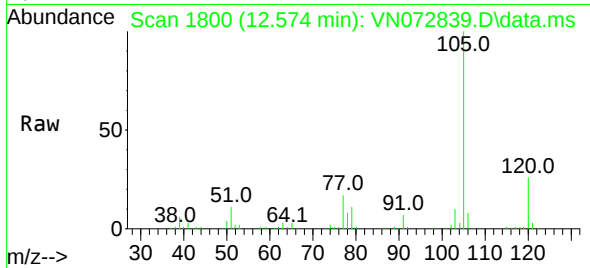
Tgt Ion:152	Resp:	164088
Ion Ratio	Lower	Upper
152	100	
115	60.8	28.9 86.7
150	159.9	0.0 356.2





#73
Isopropylbenzene
Concen: 11.927 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

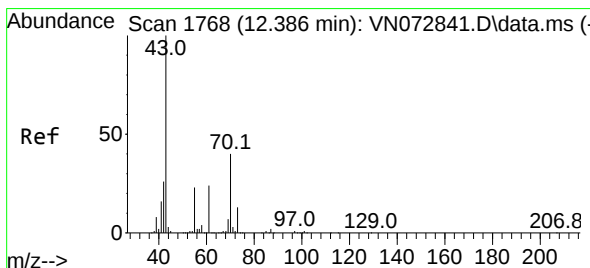
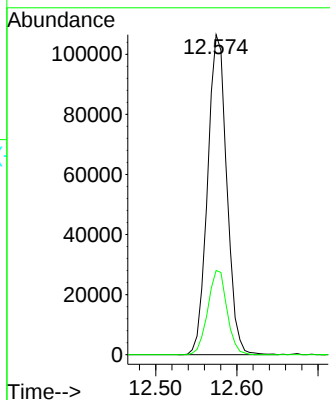
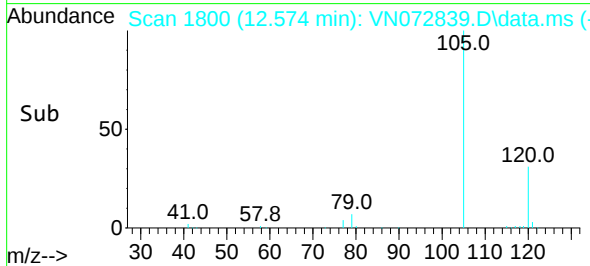
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



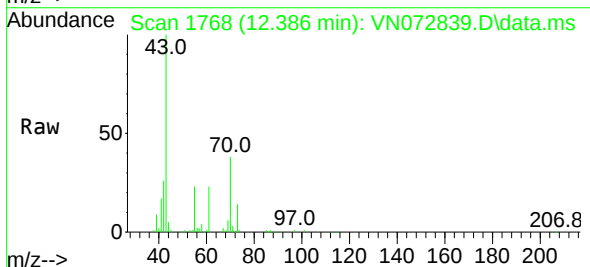
Tgt Ion:105 Resp: 174699
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

Manual Integrations
APPROVED

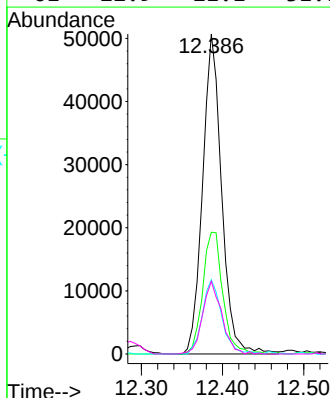
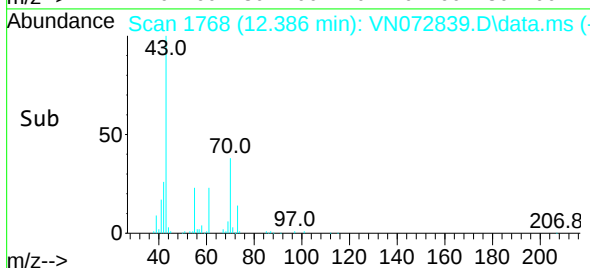
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

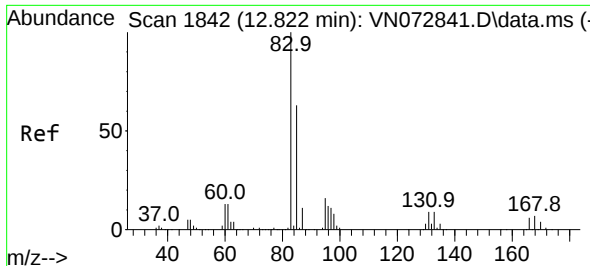


#74
N-ethyl acetate
Concen: 11.444 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



Tgt Ion: 43 Resp: 82441
Ion Ratio Lower Upper
43 100
70 40.2 39.0 58.4
55 23.5 21.1 31.7
61 22.9 21.1 31.7





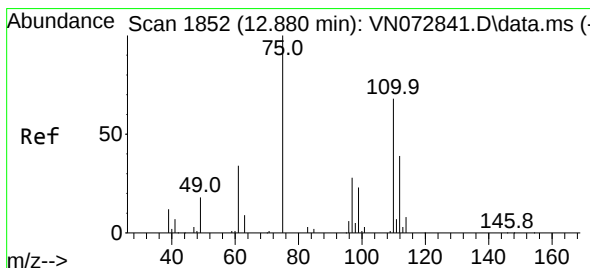
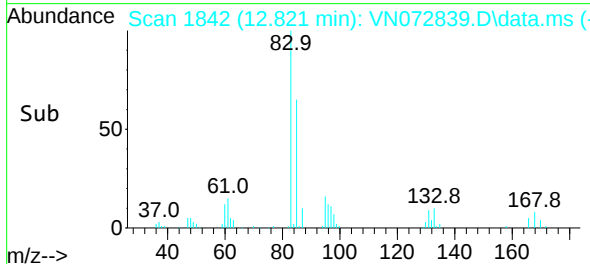
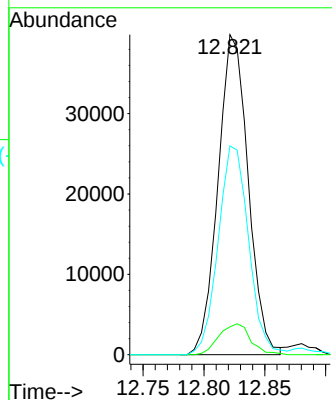
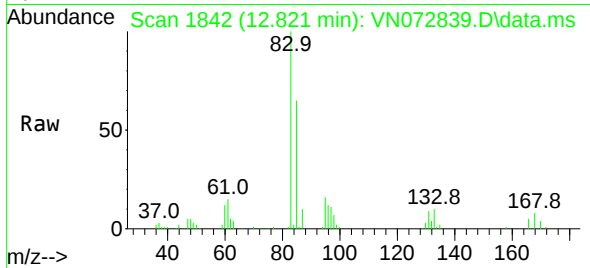
#75
1,1,2,2-Tetrachloroethane
Concen: 12.878 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 68650
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 65.9 32.3 96.9

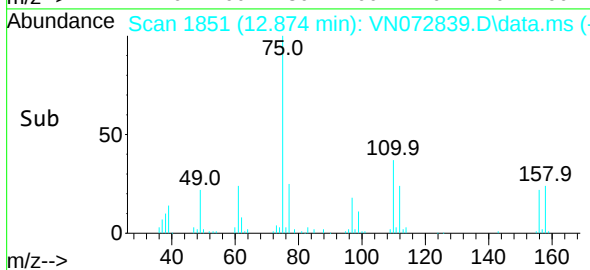
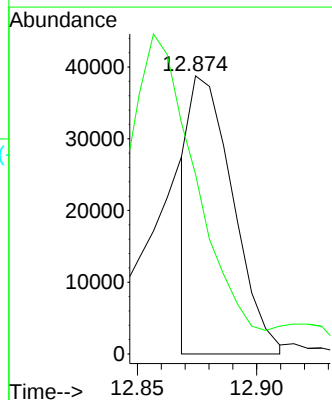
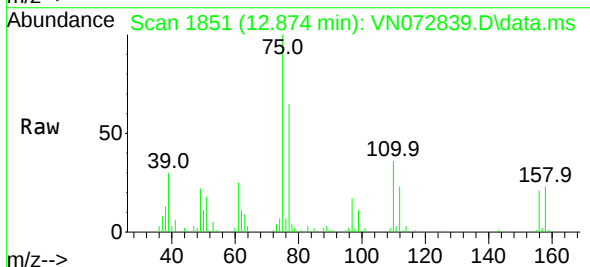
Manual Integrations
APPROVED

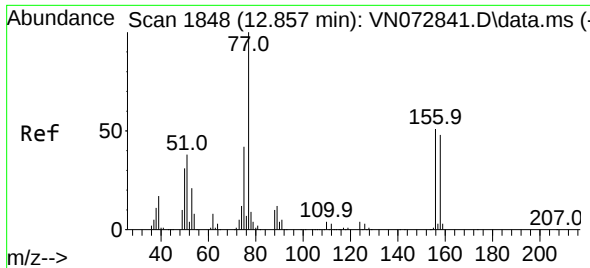
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#76
1,2,3-Trichloropropane
Concen: 10.312 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion: 75 Resp: 48277
Ion Ratio Lower Upper
75 100
77 192.7 98.5 295.5





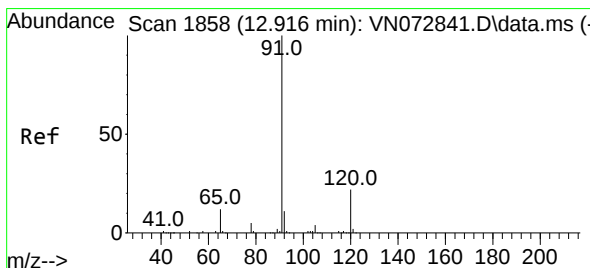
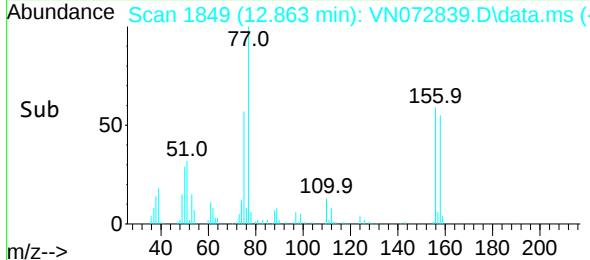
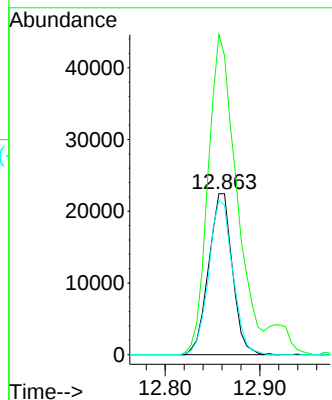
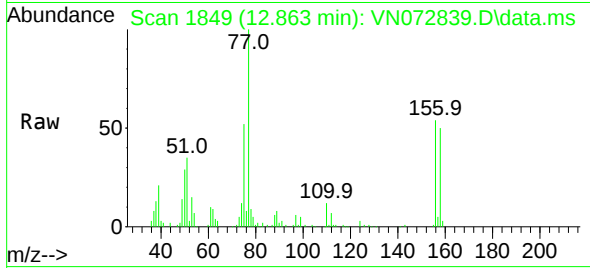
#77
Bromobenzene
Concen: 12.128 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 3902
Ion Ratio Lower Upper
156 100
77 238.4 100.5 301.5
158 97.5 48.9 146.6

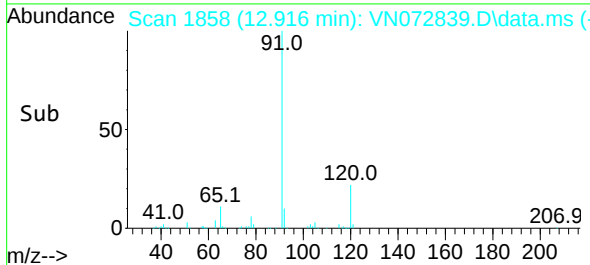
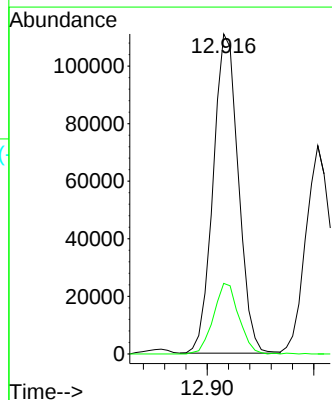
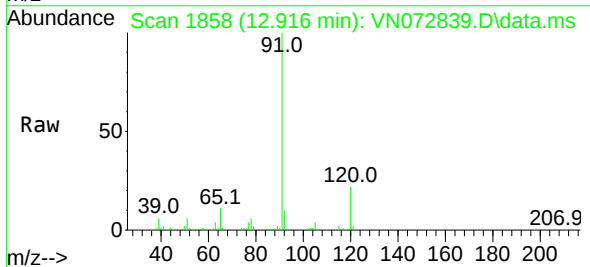
Manual Integrations
APPROVED

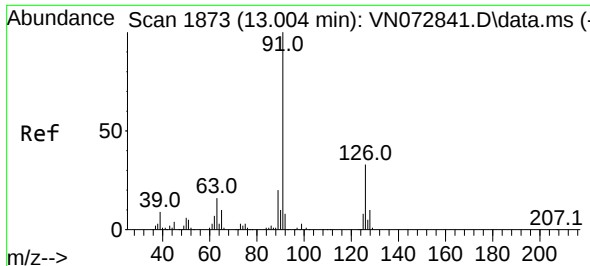
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#78
n-propylbenzene
Concen: 11.386 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion: 91 Resp: 182202
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





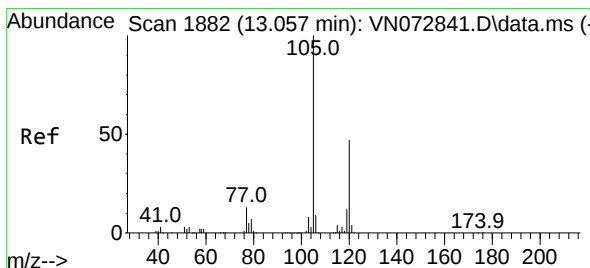
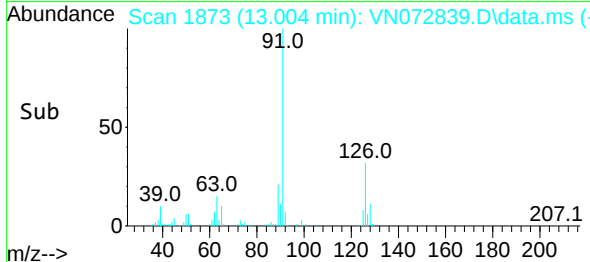
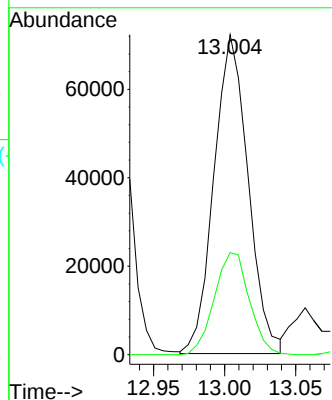
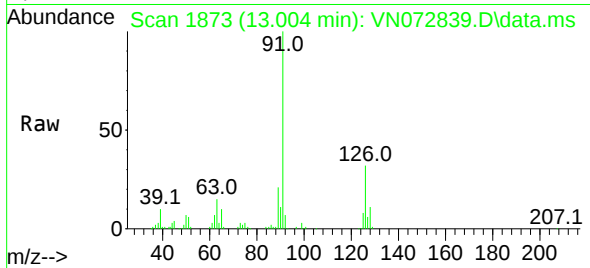
#79
2-Chlorotoluene
Concen: 11.712 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 120458
Ion Ratio Lower Upper
91 100
126 32.8 17.3 51.9

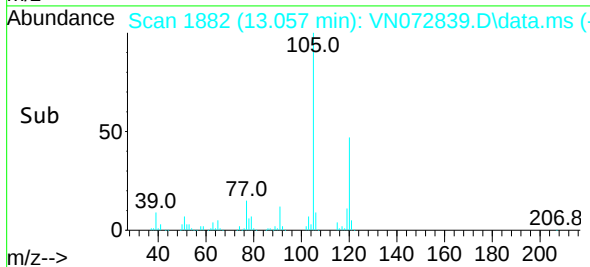
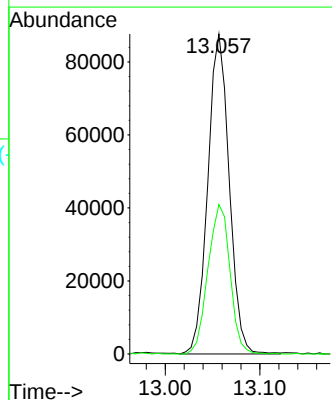
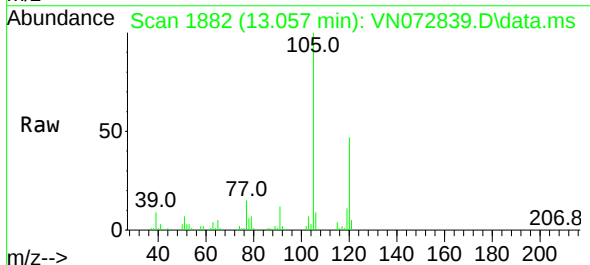
Manual Integrations
APPROVED

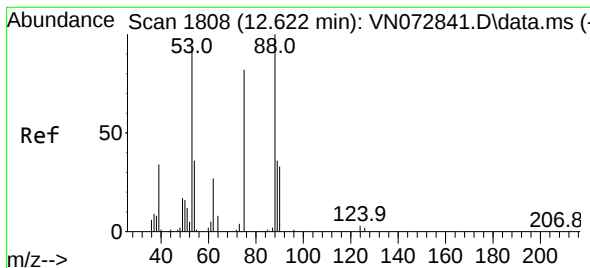
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 11.922 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

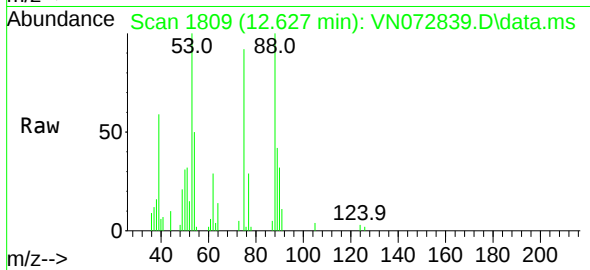
Tgt Ion:105 Resp: 137801
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 10.663 ug/l
RT: 12.627 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

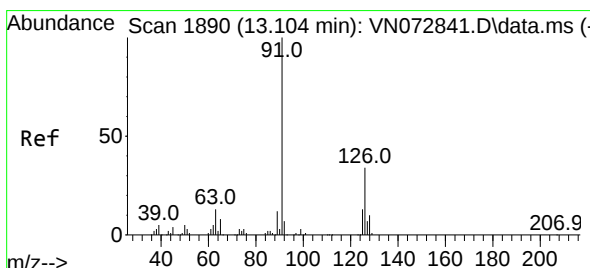
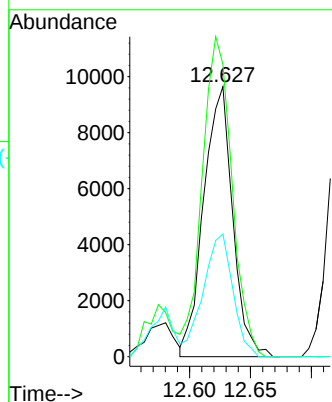
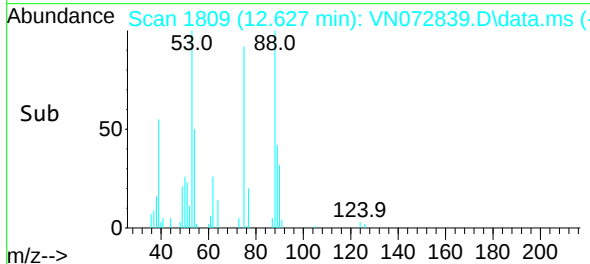
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 1596
Ion Ratio Lower Upper
75 100
53 121.1 78.0 117.0
89 46.5 37.2 55.8

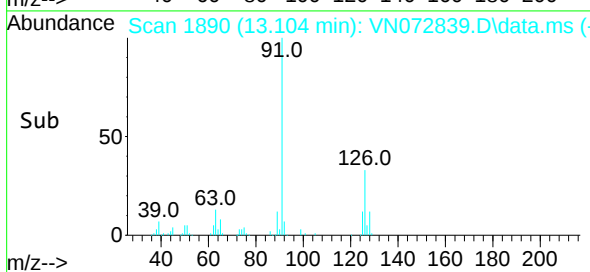
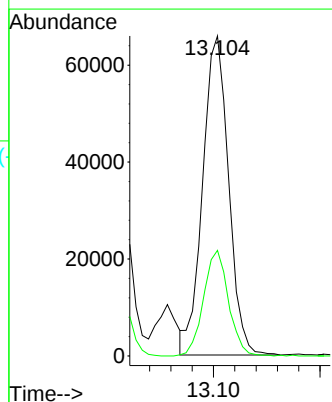
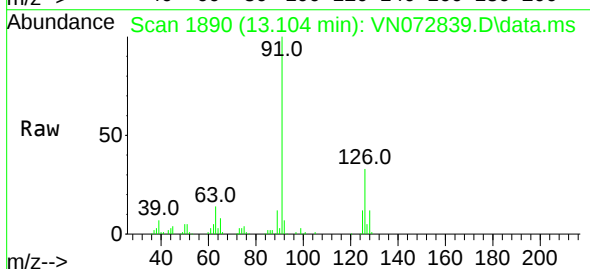
Manual Integrations
APPROVED

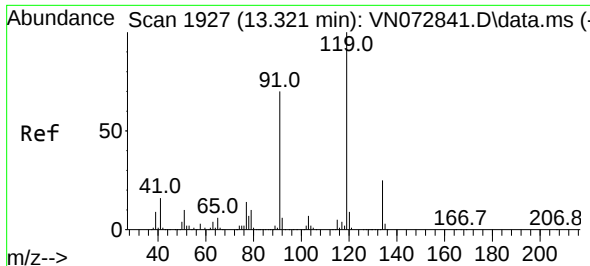
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#82
4-Chlorotoluene
Concen: 11.716 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

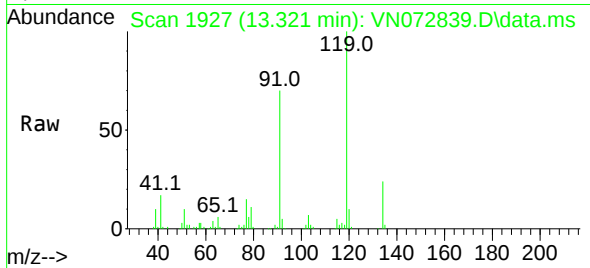
Tgt Ion: 91 Resp: 111093
Ion Ratio Lower Upper
91 100
126 31.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 11.629 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

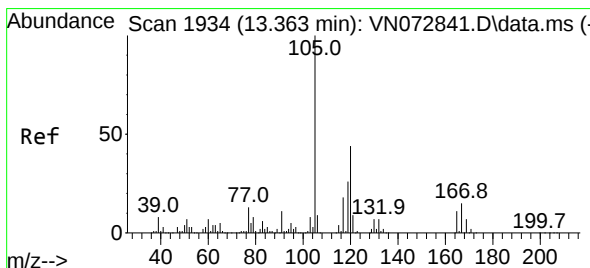
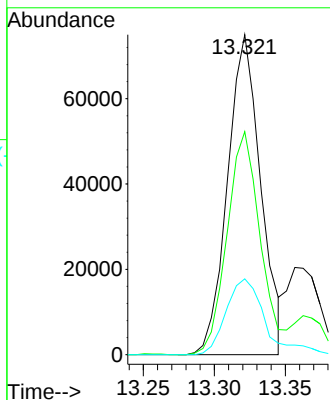
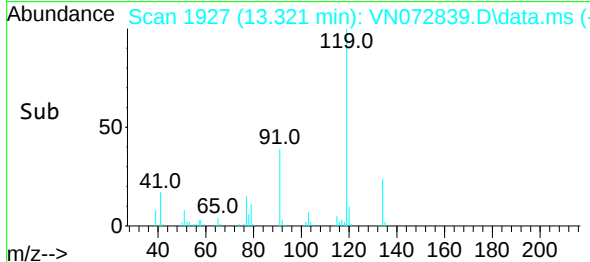
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



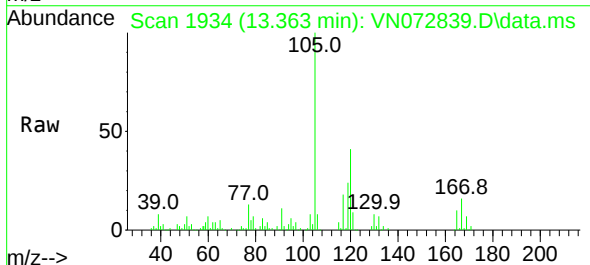
Tgt Ion:119 Resp: 121962
Ion Ratio Lower Upper
119 100
91 70.2 31.6 94.8
134 27.8 13.7 41.1

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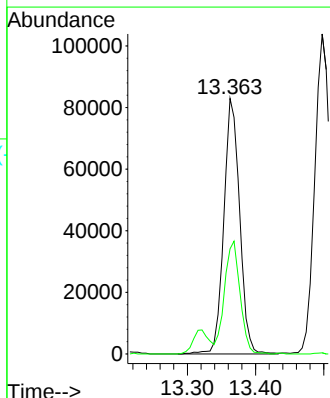
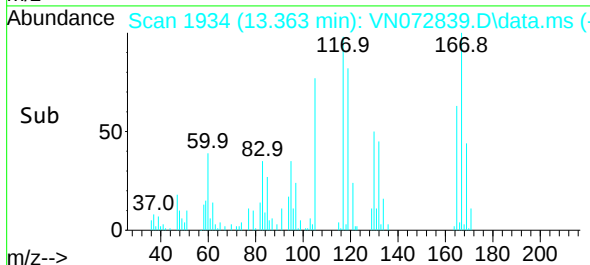
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

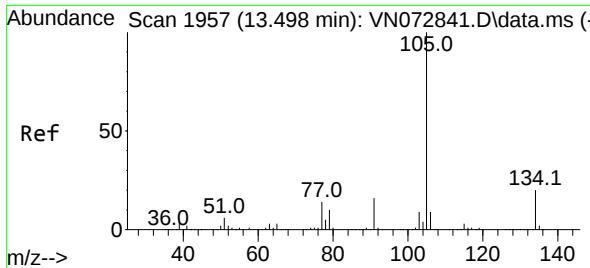


#84
1,2,4-Trimethylbenzene
Concen: 12.159 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



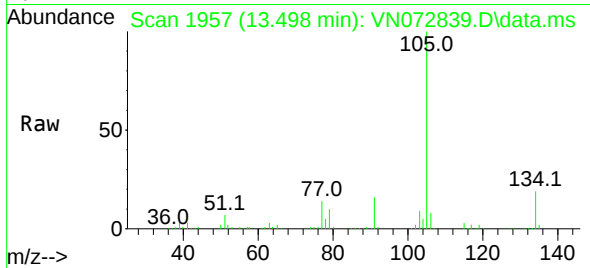
Tgt Ion:105 Resp: 134061
Ion Ratio Lower Upper
105 100
120 43.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 11.907 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072839.D
 Acq: 14 Jun 2022 18:09

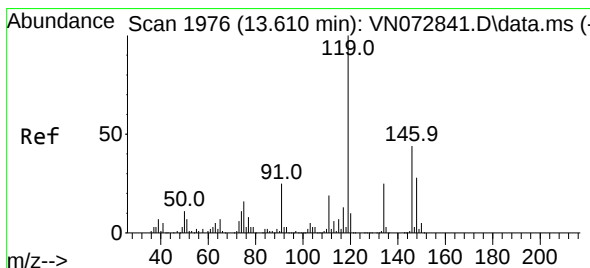
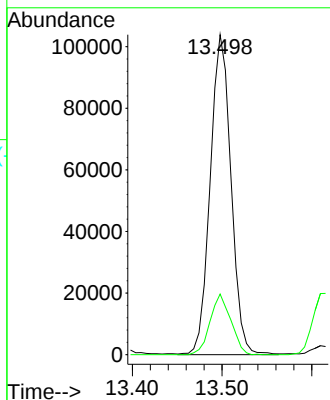
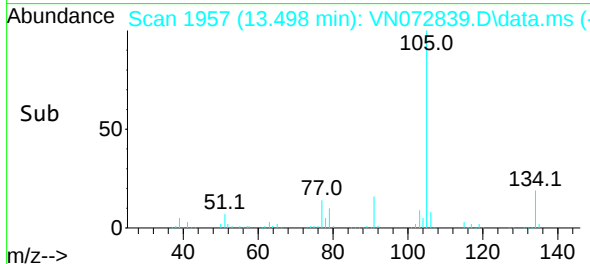
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



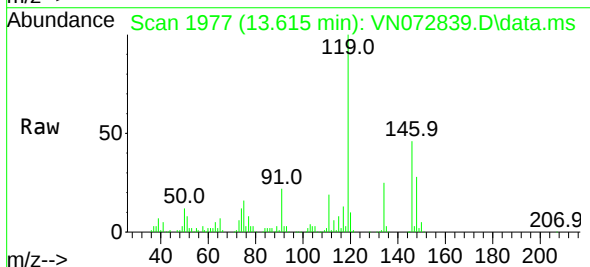
Tgt Ion:105 Resp: 16724
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

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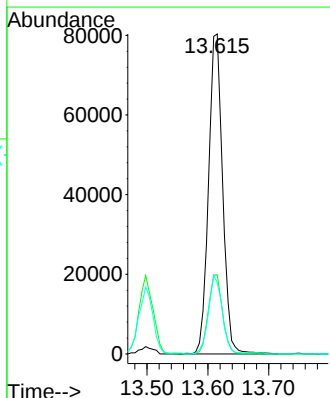
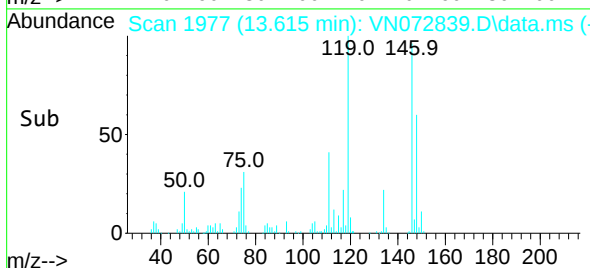
Reviewed By :John Carlone 06/15/2022
 Supervised By :Mahesh Dadoda 06/15/2022

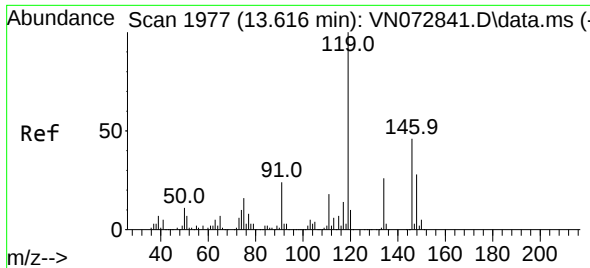


#86
 p-Isopropyltoluene
 Concen: 12.085 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072839.D
 Acq: 14 Jun 2022 18:09



Tgt Ion:119 Resp: 129236
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.3 39.8
 91 24.0 11.3 33.9





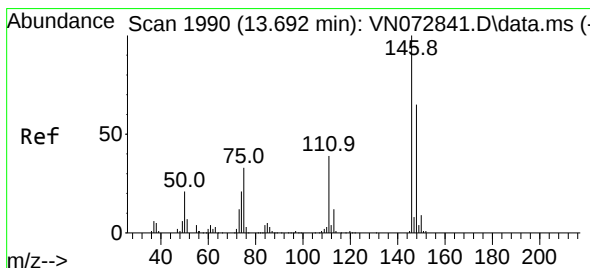
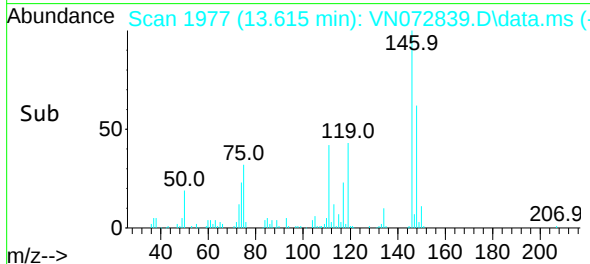
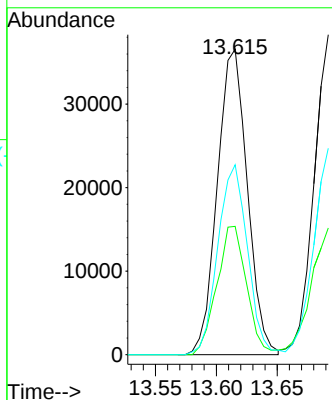
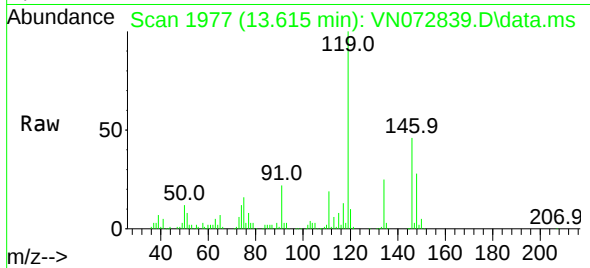
#87
1,3-Dichlorobenzene
Concen: 11.596 ug/l
RT: 13.615 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 62800
Ion Ratio Lower Upper
146 100
111 41.4 20.0 60.0
148 61.6 32.0 96.0

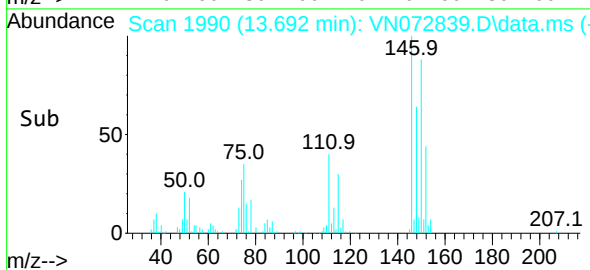
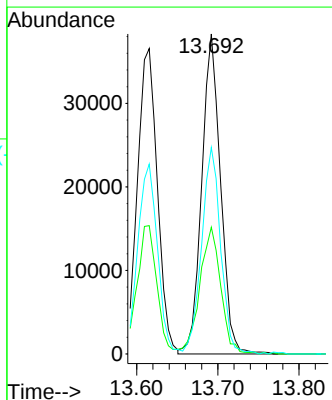
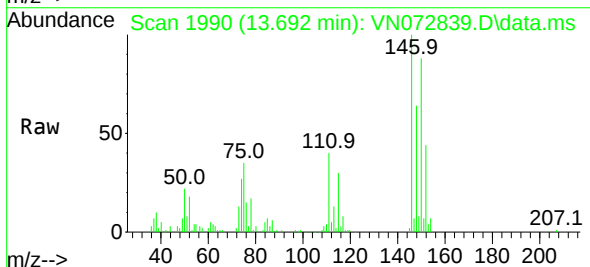
Manual Integrations
APPROVED

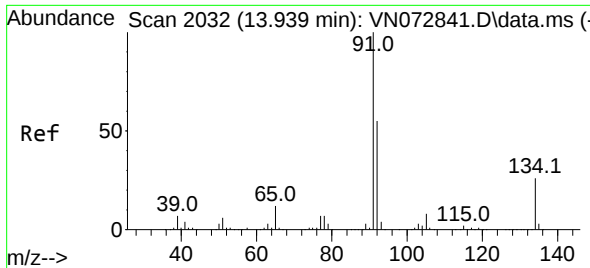
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#88
1,4-Dichlorobenzene
Concen: 11.343 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion:146 Resp: 61733
Ion Ratio Lower Upper
146 100
111 44.3 19.1 57.1
148 65.4 31.4 94.3





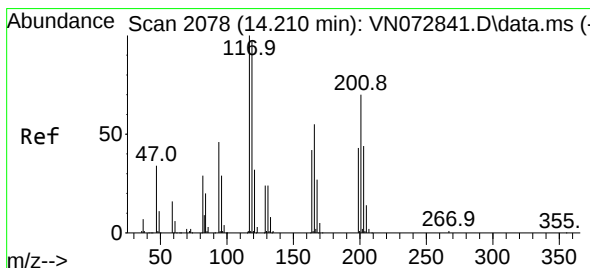
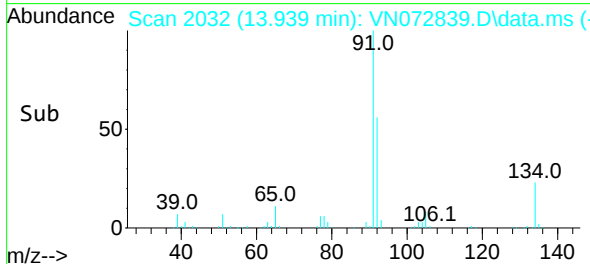
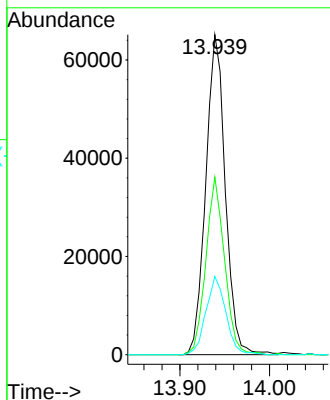
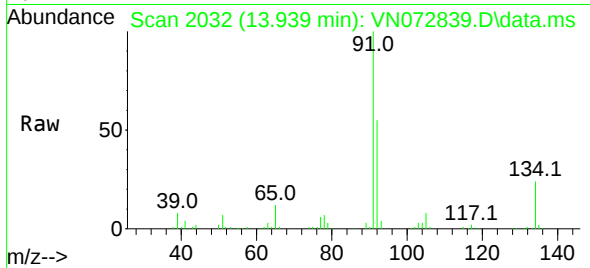
#89
n-Butylbenzene
Concen: 10.933 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 98718
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 24.9 13.6 40.8

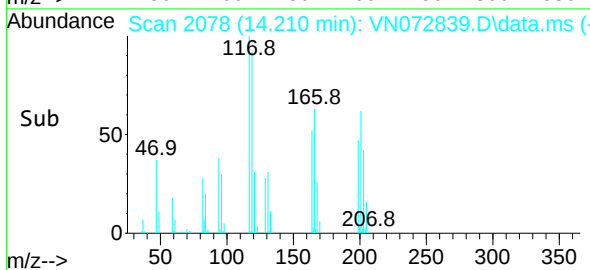
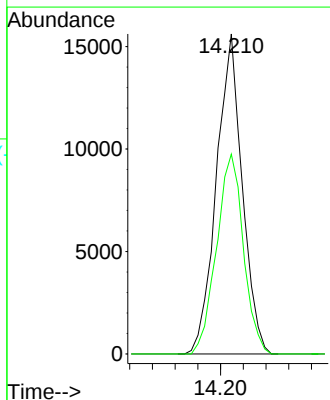
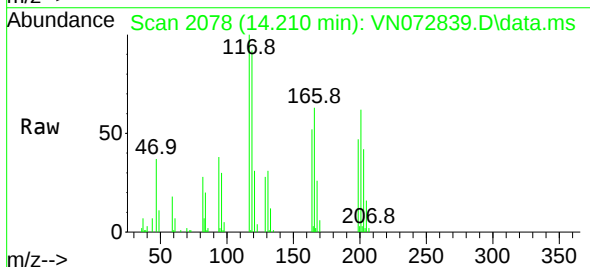
Manual Integrations
APPROVED

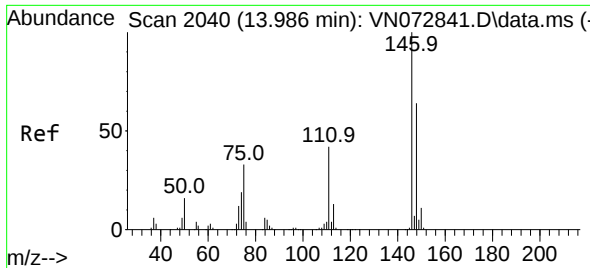
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022



#90
Hexachloroethane
Concen: 11.107 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

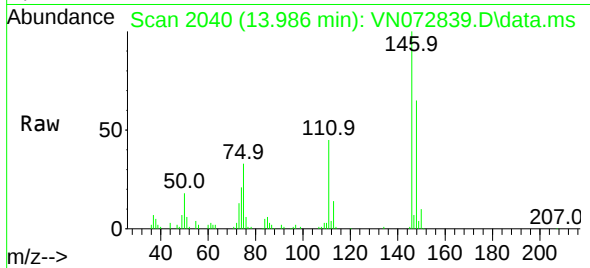
Tgt Ion:117 Resp: 24598
Ion Ratio Lower Upper
117 100
201 64.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 11.601 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

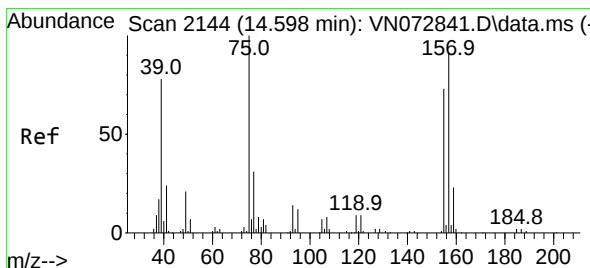
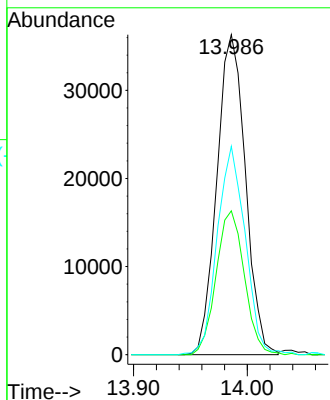
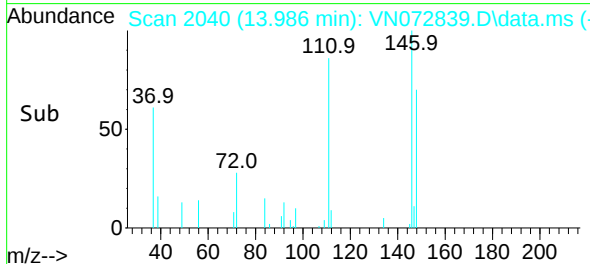
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



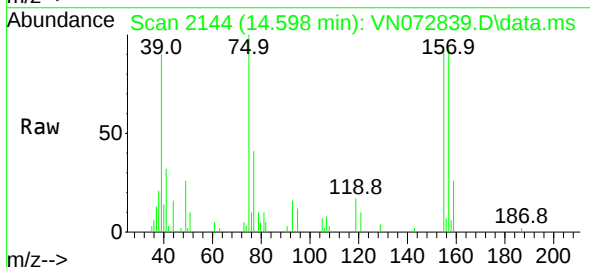
Tgt Ion:146 Resp: 63469
Ion Ratio Lower Upper
146 100
111 44.4 20.9 62.8
148 63.8 32.1 96.3

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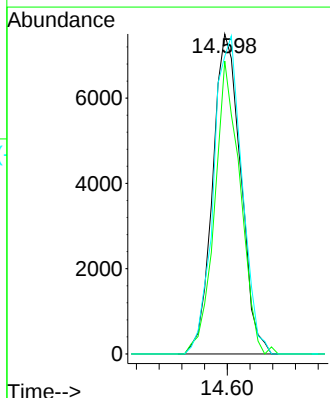
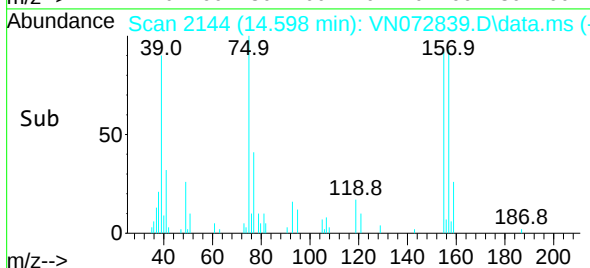
Reviewed By :John Carlone 06/15/2022
Supervised By :Mahesh Dadoda 06/15/2022

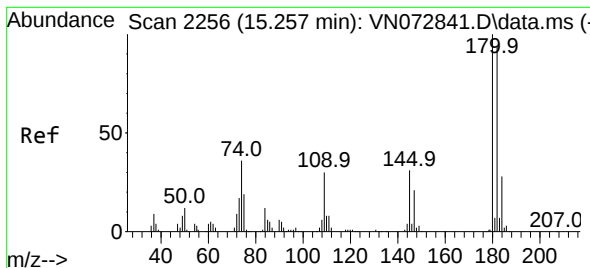


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.926 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09



Tgt Ion: 75 Resp: 12869
Ion Ratio Lower Upper
75 100
155 83.3 44.9 134.5
157 100.7 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 10.435 ug/l

RT: 15.262 min Scan# 2256

Delta R.T. 0.006 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

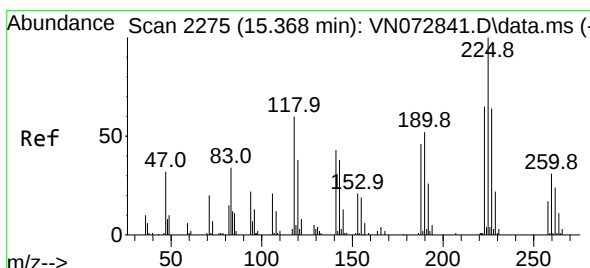
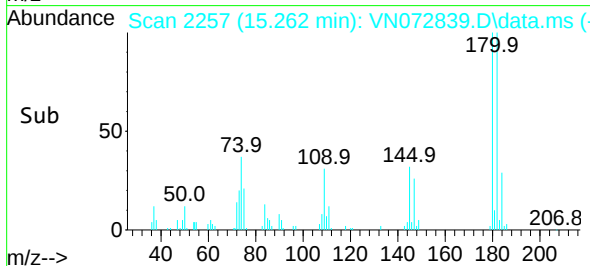
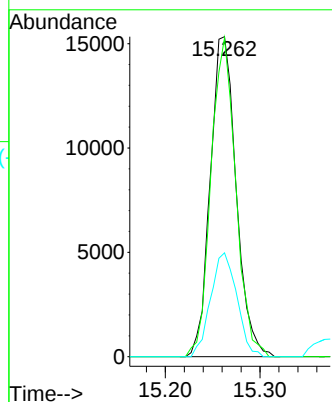
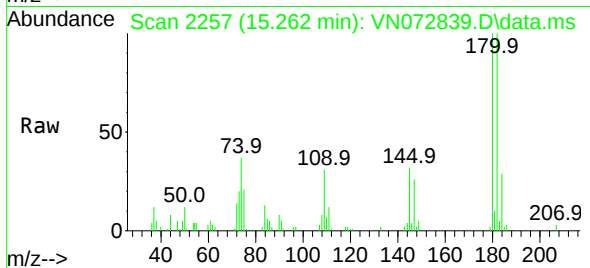
Tgt Ion:180 Resp: 29039
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.5 142.5
 145 33.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/15/2022

Supervised By :Mahesh Dadoda 06/15/2022



#94

Hexachlorobutadiene

Concen: 11.242 ug/l

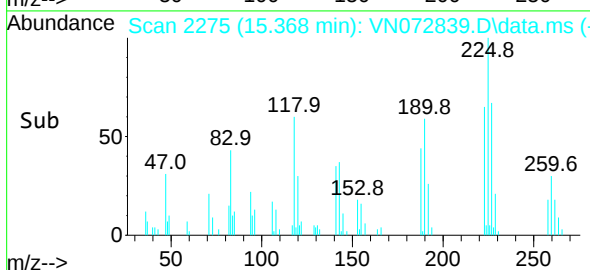
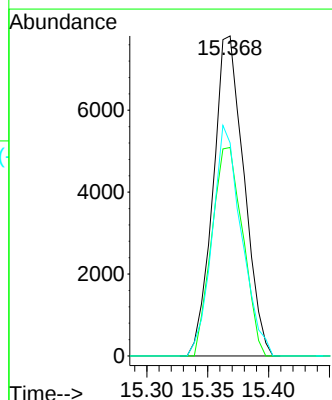
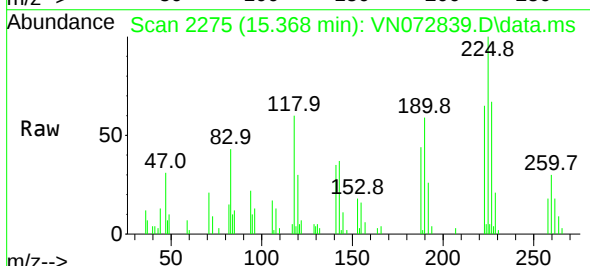
RT: 15.368 min Scan# 2275

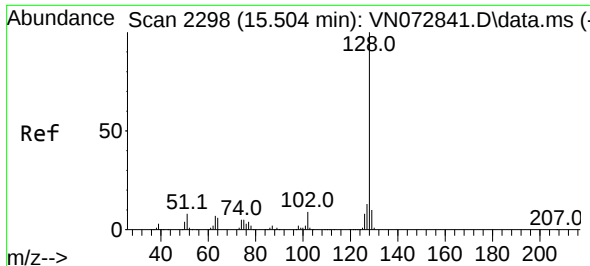
Delta R.T. -0.000 min

Lab File: VN072839.D

Acq: 14 Jun 2022 18:09

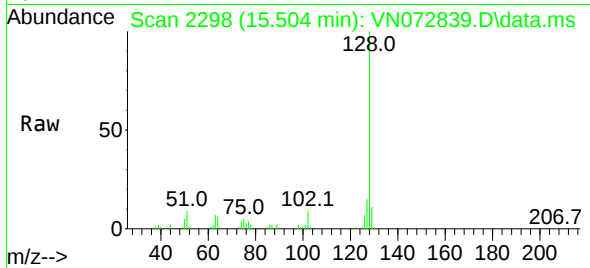
Tgt Ion:225 Resp: 13775
 Ion Ratio Lower Upper
 225 100
 223 65.5 32.4 97.2
 227 68.3 31.8 95.4





#95
Naphthalene
Concen: 10.306 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

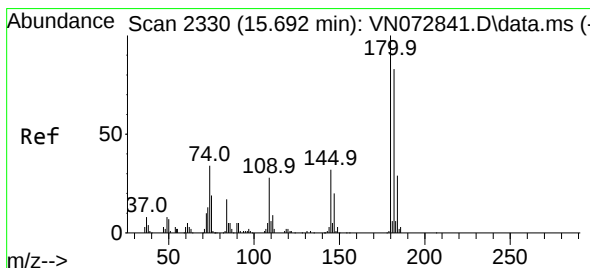
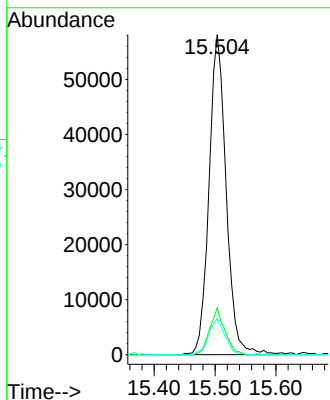
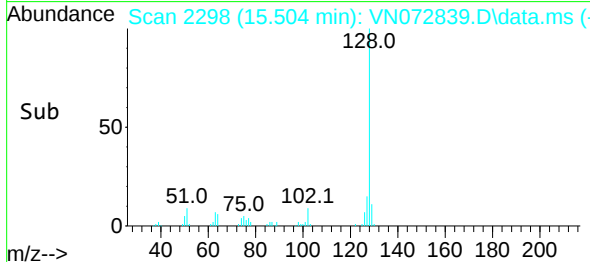
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 113436
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 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: 10.437 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072839.D
Acq: 14 Jun 2022 18:09

Tgt Ion:180 Resp: 30723
Ion Ratio Lower Upper
180 100
182 99.6 47.8 143.3
145 33.1 15.5 46.5

