

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072662.D
 Acq On : 06 Jun 2022 13:49
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 06 14:06:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 13:24:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	42668	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	254156	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	230506	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	147063	29.973	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.900%		
60) 4-Bromofluorobenzene	12.727	95	132613	27.839	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.800%		
63) Toluene-d8	10.439	98	385846	30.216	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.733%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	18222	5.419	ug/l	96
3) Chloromethane	2.293	50	20945	5.852	ug/l	95
4) Vinyl Chloride	2.440	62	17919	5.616	ug/l	96
5) Bromomethane	2.846	94	11027m	6.857	ug/l	
6) Chloroethane	3.010	64	12438m	5.980	ug/l	
7) Trichlorofluoromethane	3.363	101	32012	5.498	ug/l	98
8) Diethyl Ether	3.822	74	11931	5.207	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.204	101	16885	5.397	ug/l	62
10) 1,1-Dichloroethene	4.187	96	16667	5.752	ug/l	91
11) Methyl Iodide	4.422	142	10943m	3.620	ug/l	
12) Methyl Acetate	4.851	43	34489m	5.896	ug/l	
13) Acrolein	4.034	56	16379m	31.662	ug/l	
14) Acrylonitrile	5.540	53	63076	26.324	ug/l	96
15) Acetone	4.281	58	18174	28.132	ug/l	99
16) Carbon Disulfide	4.528	76	46745	6.551	ug/l	98
17) Allyl chloride	4.840	41	32764	5.199	ug/l	87
18) Methylene Chloride	5.099	84	20187	5.599	ug/l	93
19) trans-1,2-Dichloroethene	5.593	96	17685	5.600	ug/l	96
20) Diisopropyl ether	6.487	45	61165	4.821	ug/l	98
21) 1,1-Dichloroethane	6.375	63	37367	5.501	ug/l	98
22) cis-1,2-Dichloroethene	7.316	96	21314	5.441	ug/l	89
23) tert-Butyl Alcohol	5.357	59	30772	28.365	ug/l	# 100
24) Methyl tert-Butyl Ether	5.610	73	66892	5.180	ug/l	95
25) Chloroform	7.816	83	37528	5.301	ug/l	92
26) Cyclohexane	8.087	56	32317	5.563	ug/l	# 93
29) 1,1-Dichloropropene	8.216	75	26950	5.517	ug/l	86
30) 2-Butanone	7.328	43	94323	26.737	ug/l	95
31) 2,2-Dichloropropane	7.316	77	36038	5.421	ug/l	# 73
32) 1,1,1-Trichloroethane	8.004	97	34488	5.345	ug/l	98
33) Carbon Tetrachloride	8.204	117	30071	5.419	ug/l	93
34) Benzene	8.451	78	78439	5.384	ug/l	# 78
35) Methacrylonitrile	7.634	41	19216	5.532	ug/l	88
36) 1,2-Dichloroethane	8.522	62	32839	5.328	ug/l	# 90
37) Trichloroethene	9.216	130	18953	5.474	ug/l	100
38) Methylcyclohexane	9.457	83	33052	5.579	ug/l	90
39) 1,2-Dichloropropane	9.486	63	21540	5.409	ug/l	# 88
40) Dibromomethane	9.569	93	14718	5.408	ug/l	91
41) Bromodichloromethane	9.757	83	29852	5.026	ug/l	97
42) Vinyl Acetate	6.428	43	297651m	25.650	ug/l	

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	34750	5.037	ug/l	99
44) Isopropyl Acetate	8.551	43	60617	5.427	ug/l	98
45) 1,4-Dioxane	9.563	88	9592	106.700	ug/l #	87
46) Methyl methacrylate	9.551	41	27180	5.488	ug/l	91
47) n-amyl Acetate	12.380	43	41405	4.838	ug/l	99
48) t-1,3-Dichloropropene	10.710	75	33580	5.022	ug/l	90
49) cis-1,3-Dichloropropene	10.186	75	34767	5.097	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	20382	5.282	ug/l	97
51) Ethyl methacrylate	10.757	69	35267	5.037	ug/l	94
52) 1,3-Dichloropropane	11.039	76	35375	5.084	ug/l	98
53) Dibromochloromethane	11.233	129	21187	4.920	ug/l	100
54) 1,2-Dibromoethane	11.345	107	21183	5.249	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	60570	21.580	ug/l	97
56) Bromoform	12.457	173	14413	4.811	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	184006	26.333	ug/l	98
59) 2-Hexanone	11.080	43	139447	26.506	ug/l	99
61) Tetrachloroethene	10.975	164	16662	5.730	ug/l	91
62) Toluene	10.498	91	87295	5.510	ug/l	99
64) Chlorobenzene	11.769	112	50821	5.289	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.839	131	19056	4.976	ug/l	92
66) Ethyl Benzene	11.839	91	95771	5.258	ug/l	95
67) m/p-Xylenes	11.951	106	69812	10.523	ug/l	95
68) o-Xylene	12.275	106	36055	5.342	ug/l	95
69) Styrene	12.292	104	53985	5.041	ug/l	94
70) Isopropylbenzene	12.575	105	91620	5.172	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.822	83	31882	5.346	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	27280m	5.225	ug/l	
73) Bromobenzene	12.857	156	18260	5.067	ug/l	73
74) n-propylbenzene	12.916	91	102104	5.060	ug/l	99
75) 2-Chlorotoluene	13.004	91	65883	5.254	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	73787	5.065	ug/l	97
77) t-1,4-Dichloro-2-butene	12.627	75	10171	4.547	ug/l	93
78) 4-Chlorotoluene	13.104	91	58871	4.952	ug/l	92
79) tert-butylbenzene	13.316	119	67371	5.244	ug/l	96
80) 1,2,4-Trimethylbenzene	13.498	105	86450	4.902	ug/l #	100
81) sec-Butylbenzene	13.498	105	86450	4.902	ug/l	99
82) p-Isopropyltoluene	13.610	119	66947	4.744	ug/l	97
83) 1,3-Dichlorobenzene	13.616	146	32668	5.247	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	30184	4.987	ug/l	95
85) n-Butylbenzene	13.939	91	54614	4.580	ug/l	96
86) Hexachloroethane	14.204	117	15048	4.828	ug/l	90
87) 1,2-Dichlorobenzene	13.986	146	32622	5.281	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.604	75	7570	5.161	ug/l	87
89) 1,2,4-Trichlorobenzene	15.263	180	15442	5.025	ug/l	98
90) Hexachlorobutadiene	15.368	225	7058	4.919	ug/l	97
91) Naphthalene	15.504	128	62734	5.303	ug/l	97
92) 1,2,3-Trichlorobenzene	15.698	180	16354	5.353	ug/l	99

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

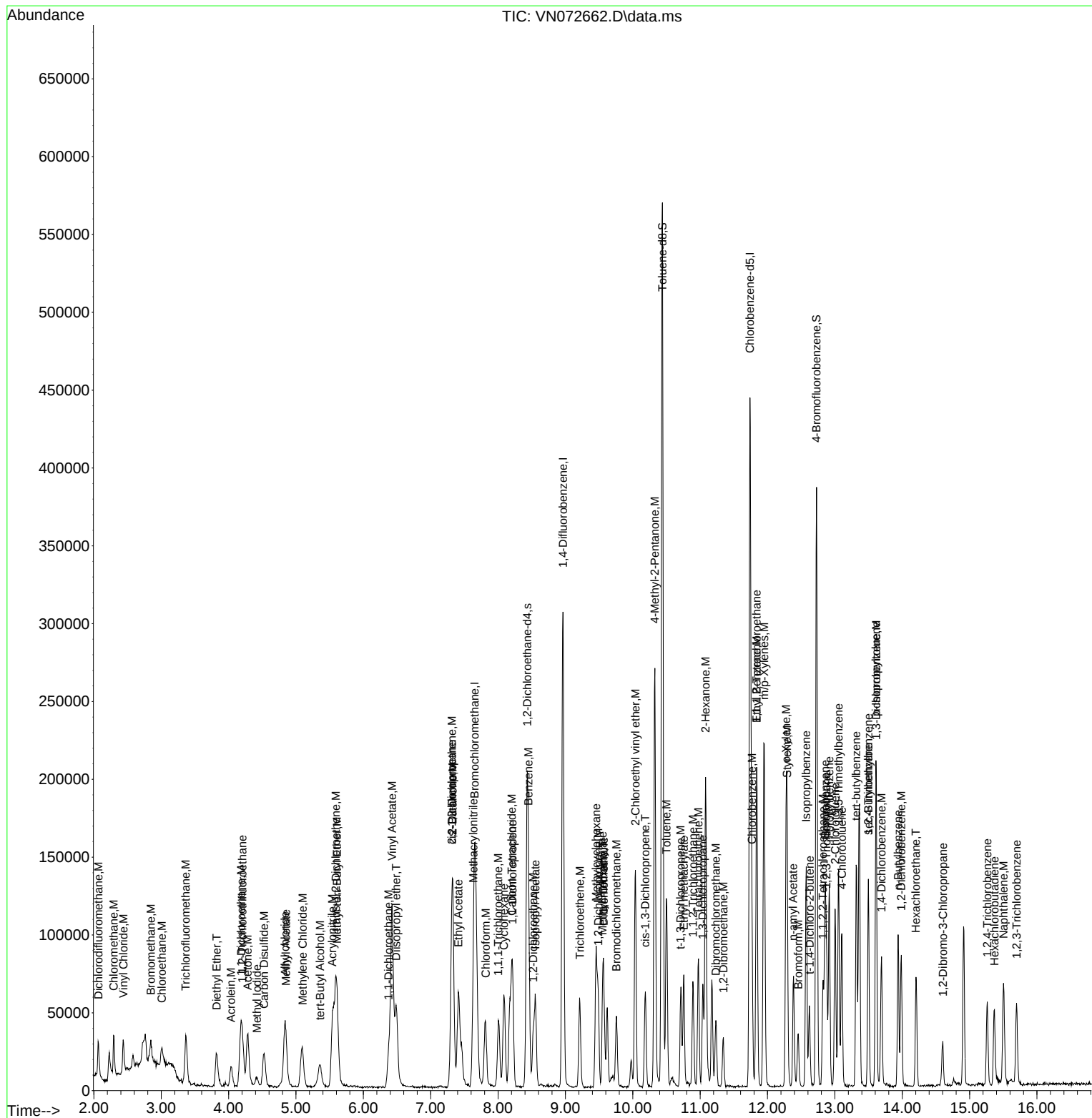
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
Data File : VN072662.D
Acq On : 06 Jun 2022 13:49
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 06 13:24:30 2022
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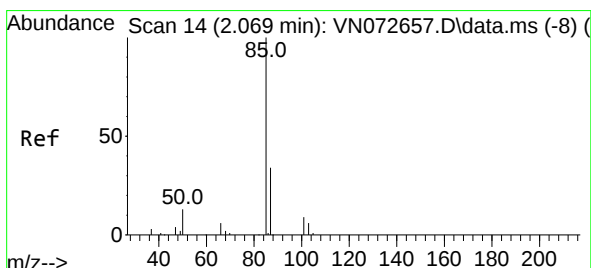
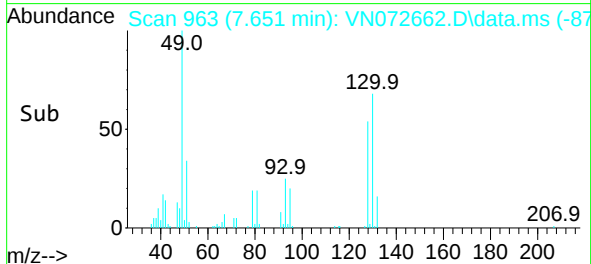
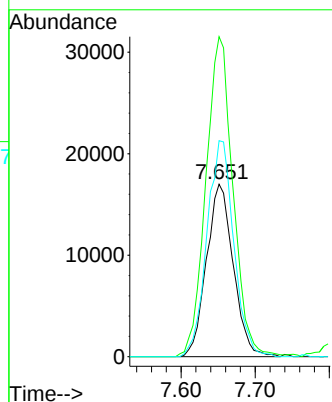
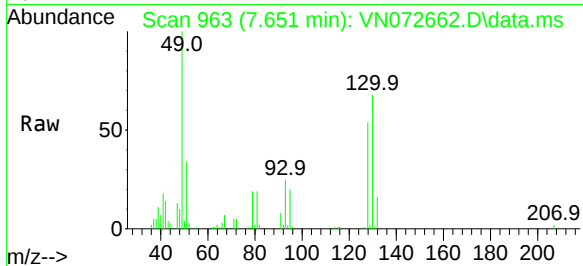
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 42668
Ion Ratio Lower Upper
128 100
49 187.4 0.0 392.3
130 125.6 0.0 320.2

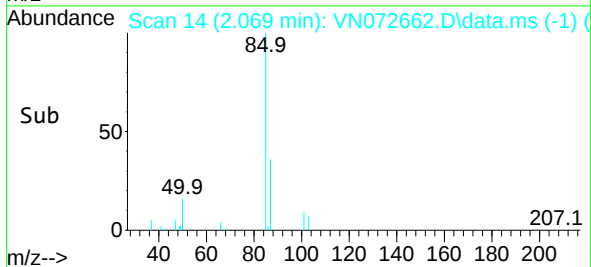
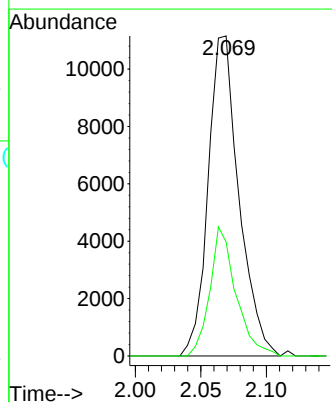
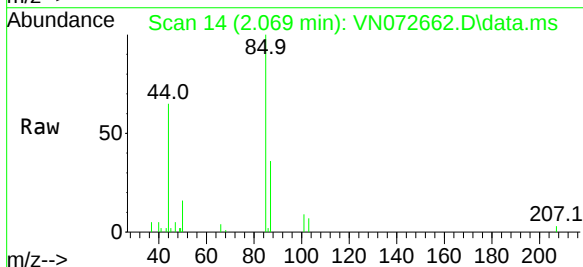
Manual Integrations
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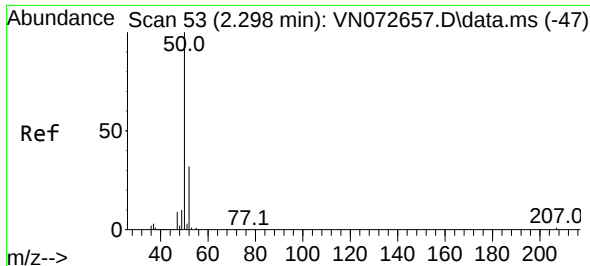
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#2
Dichlorodifluoromethane
Concen: 5.419 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

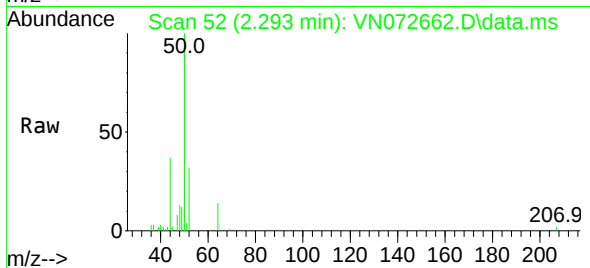
Tgt Ion: 85 Resp: 18222
Ion Ratio Lower Upper
85 100
87 35.6 16.6 49.7





#3
Chloromethane
Concen: 5.852 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

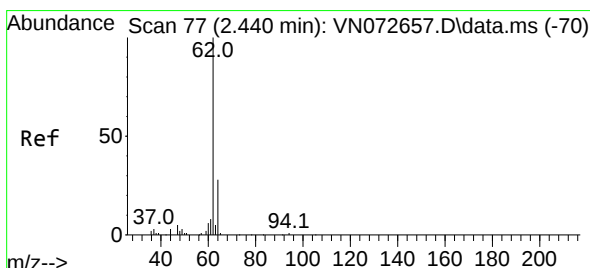
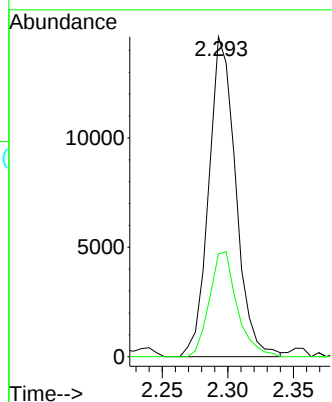
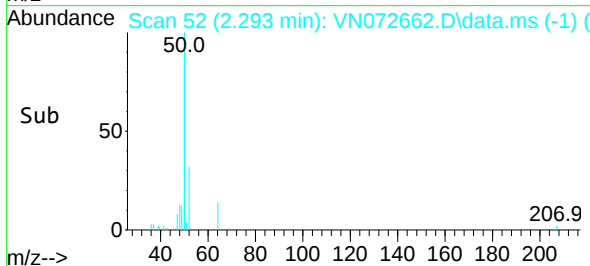
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



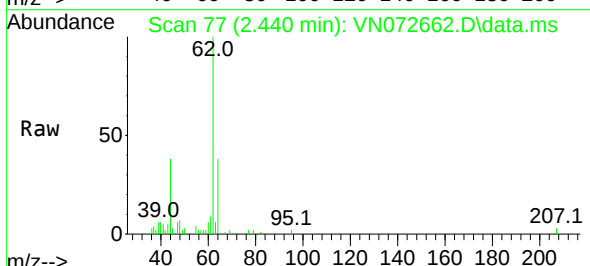
Tgt Ion: 50 Resp: 2094
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.6

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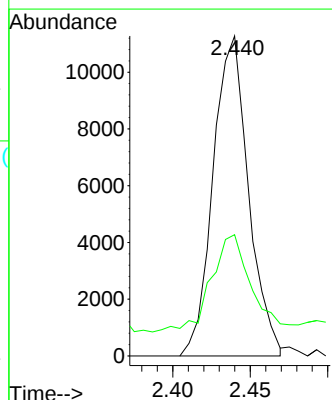
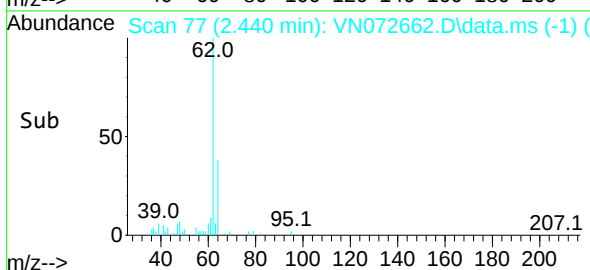
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Vinyl Chloride
Concen: 5.616 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



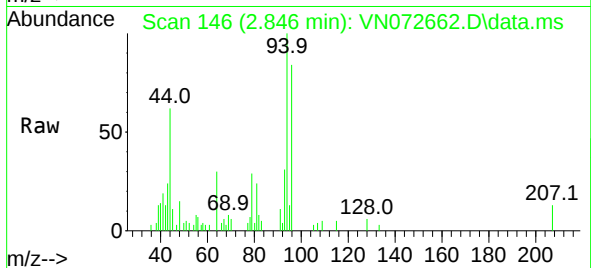
Tgt Ion: 62 Resp: 17919
Ion Ratio Lower Upper
62 100
64 29.3 25.1 37.7





#5
Bromomethane
Concen: 6.857 ug/l m
RT: 2.846 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

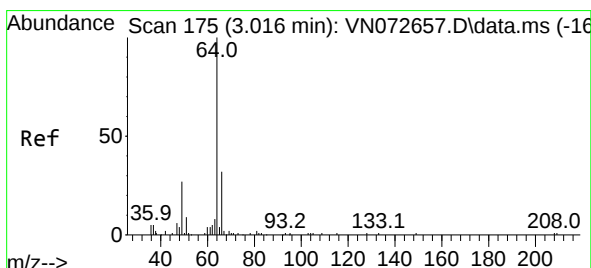
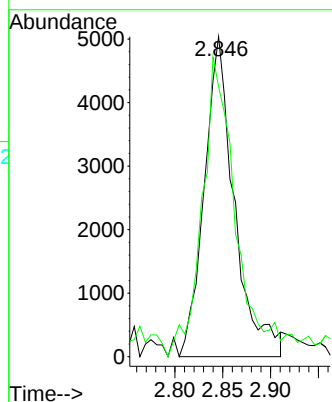
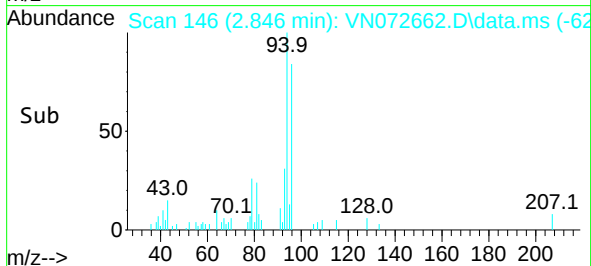
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1102
Ion Ratio Lower Upper
94 100
96 84.5 75.2 112.8

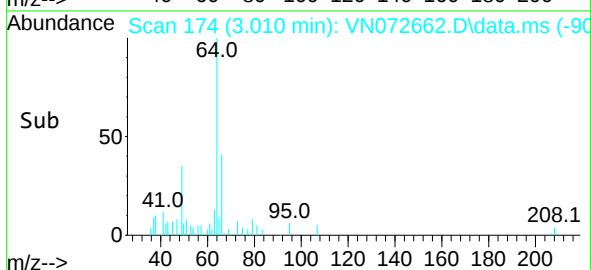
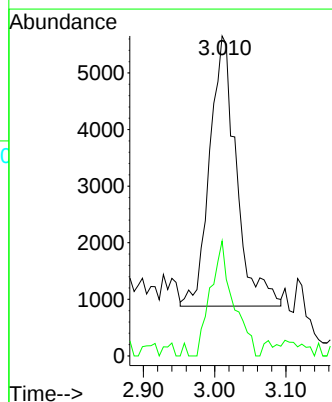
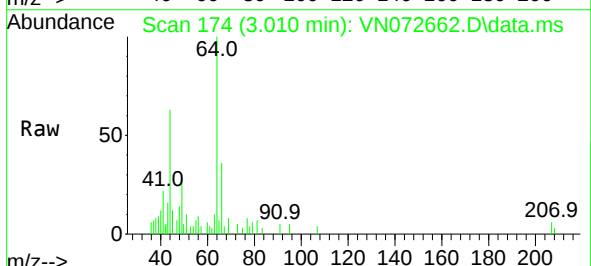
Manual Integrations
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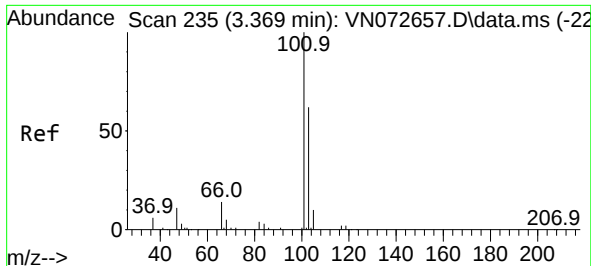
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#6
Chloroethane
Concen: 5.980 ug/l m
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

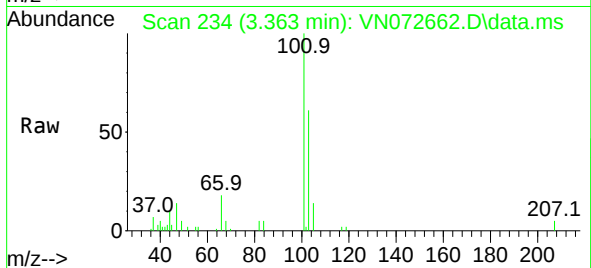
Tgt Ion: 64 Resp: 12438
Ion Ratio Lower Upper
64 100
66 35.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 5.498 ug/l
 RT: 3.363 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49

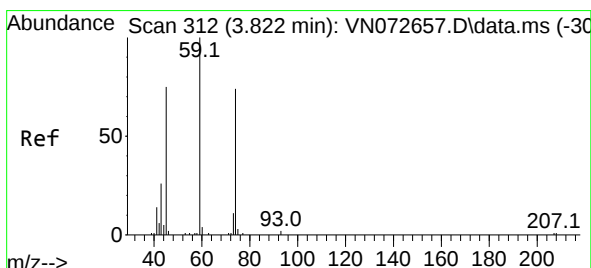
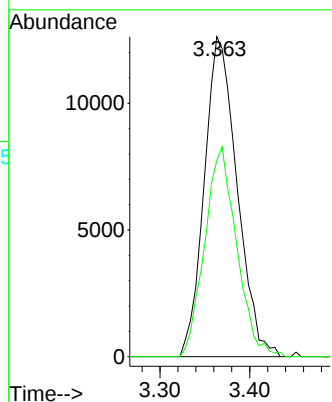
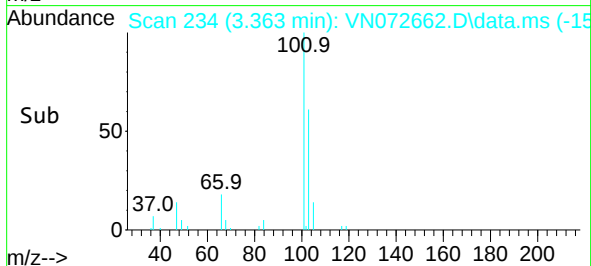
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



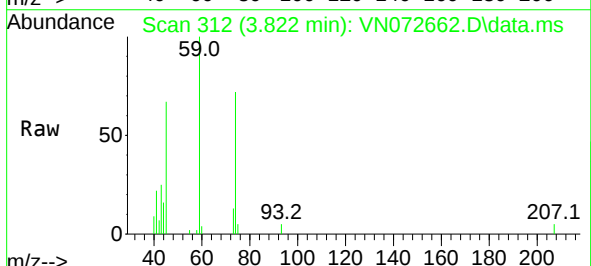
Tgt Ion: 101 Resp: 3201
 Ion Ratio Lower Upper
 101 100
 103 61.4 50.1 75.1

Manual Integrations
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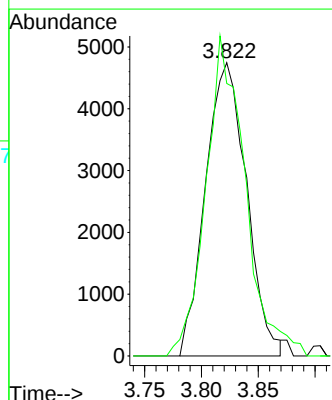
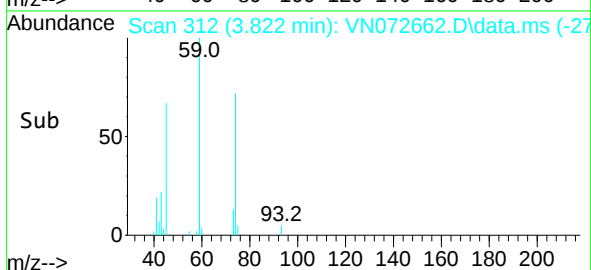
Reviewed By : John Carlone 06/07/2022
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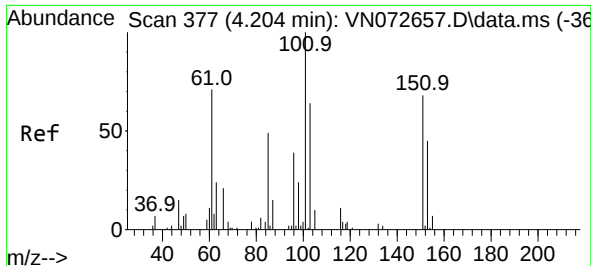


#8
 Diethyl Ether
 Concen: 5.207 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49



Tgt Ion: 74 Resp: 11931
 Ion Ratio Lower Upper
 74 100
 45 104.3 17.6 158.8





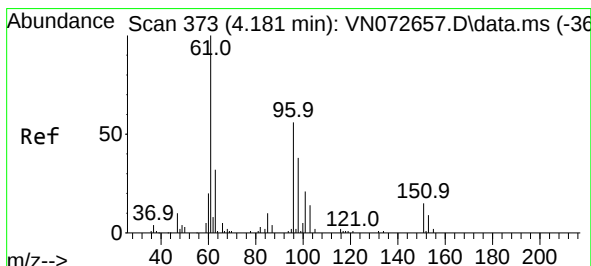
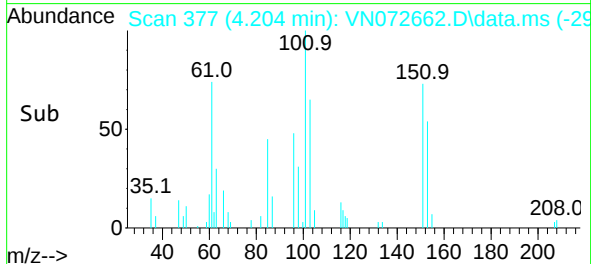
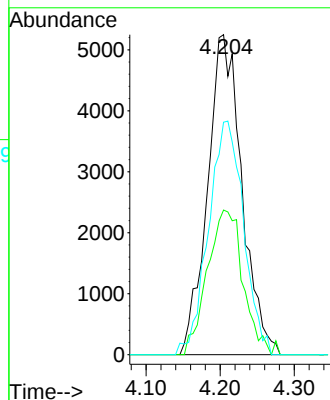
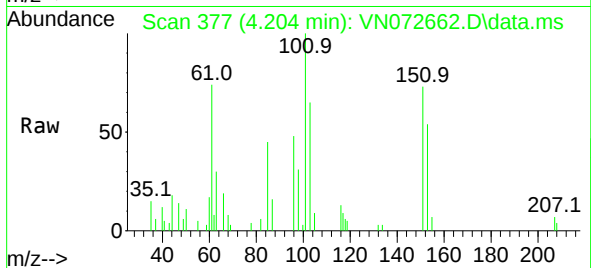
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1,1,2-Trichlorotrifluoroethane
Concen: 5.397 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072662.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 1688
Ion Ratio Lower Upper
101 100
85 33.4 0.0 94.0
151 73.9 0.0 74.6

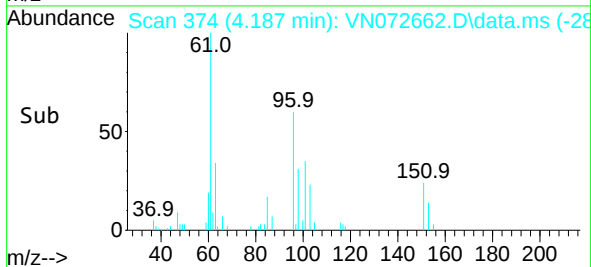
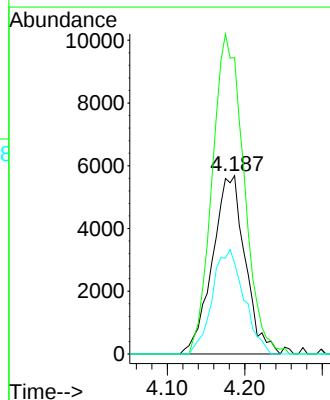
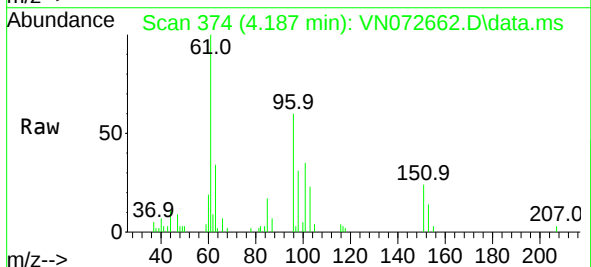
Manual Integrations
APPROVED

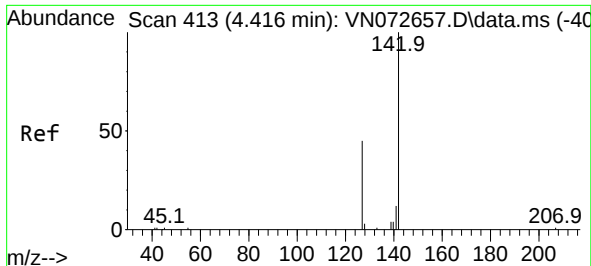
Reviewed By : John Carlone 06/07/2022
Supervised By : Mahesh Dadoda 06/07/2022



#10
1,1-Dichloroethene
Concen: 5.752 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

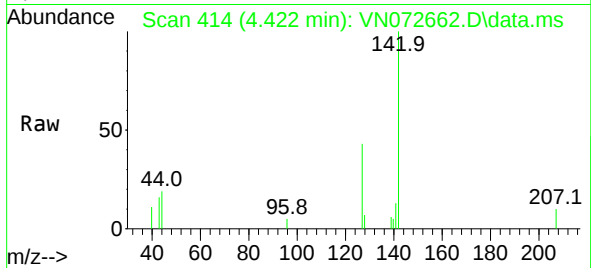
Tgt Ion: 96 Resp: 16667
Ion Ratio Lower Upper
96 100
61 166.3 126.2 189.4
98 50.9 50.9 76.3





#11
Methyl Iodide
Concen: 3.620 ug/l m
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

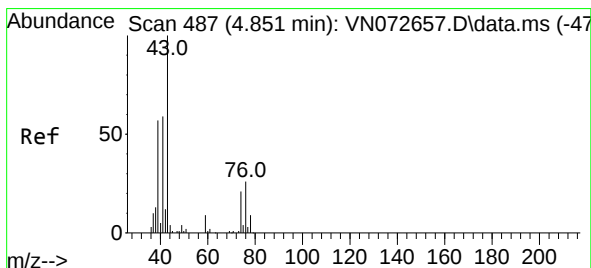
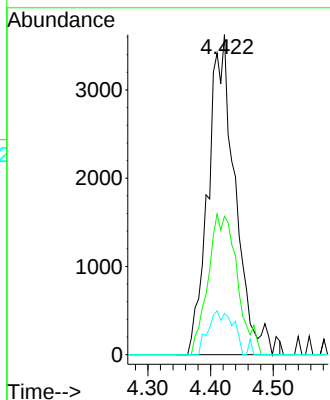
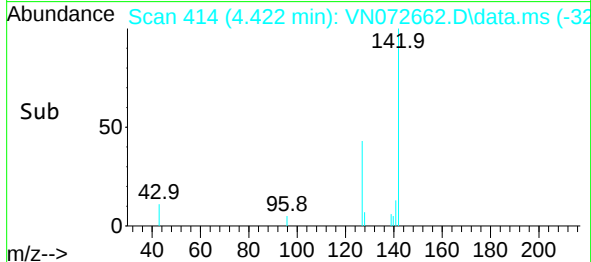
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 1094
Ion Ratio Lower Upper
142 100
127 43.2 24.0 72.0
141 12.8 8.4 25.2

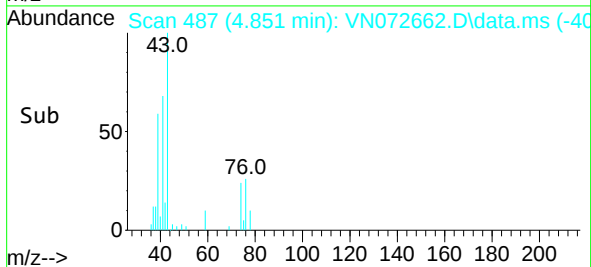
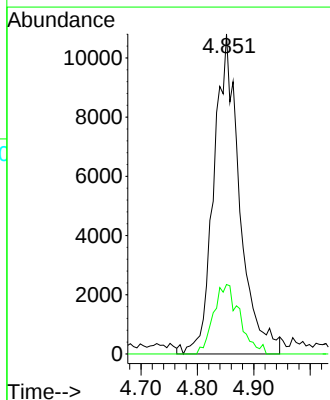
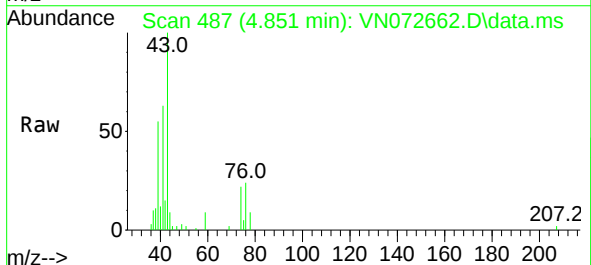
Manual Integrations
APPROVED

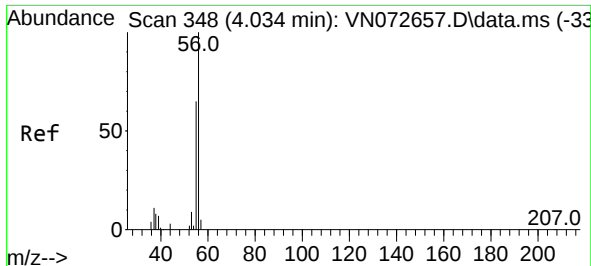
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#12
Methyl Acetate
Concen: 5.896 ug/l m
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

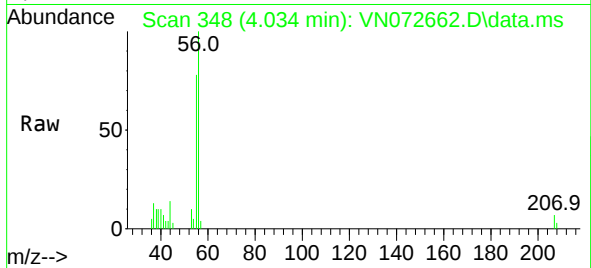
Tgt Ion: 43 Resp: 34489
Ion Ratio Lower Upper
43 100
74 21.7 20.8 31.2





#13
Acrolein
Concen: 31.662 ug/l m
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

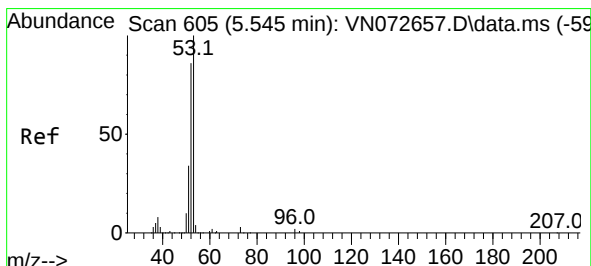
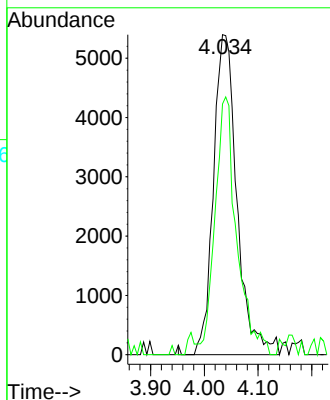
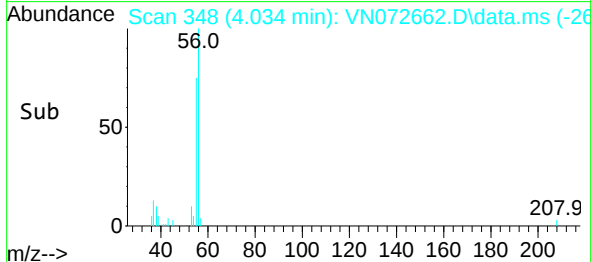
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



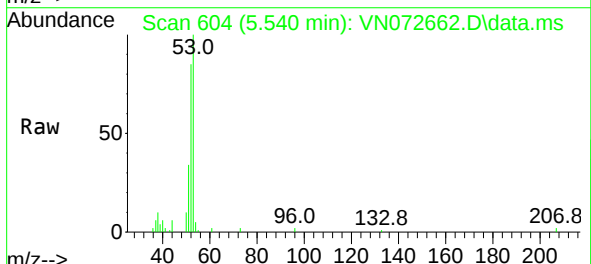
Tgt Ion: 56 Resp: 16379
Ion Ratio Lower Upper
56 100
55 67.2 57.6 86.4

Manual Integrations
APPROVED

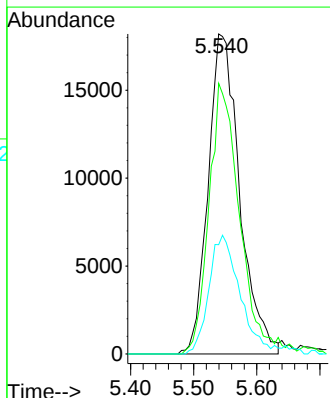
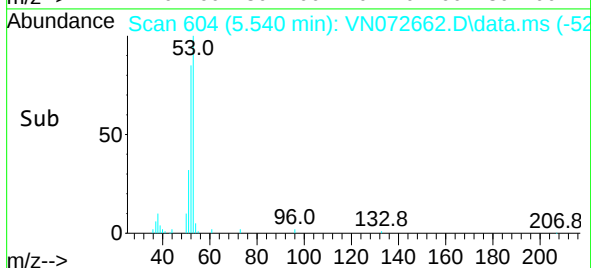
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

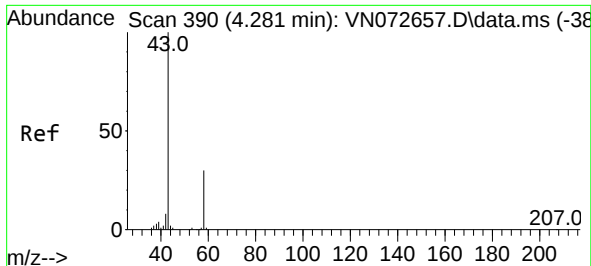


#14
Acrylonitrile
Concen: 26.324 ug/l
RT: 5.540 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



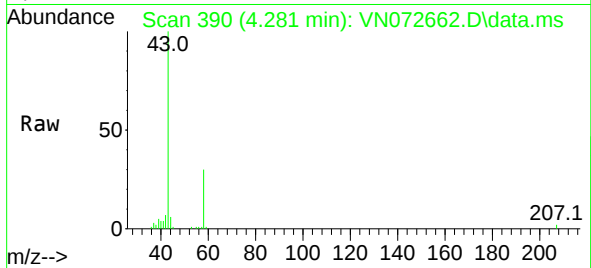
Tgt Ion: 53 Resp: 63076
Ion Ratio Lower Upper
53 100
52 80.0 41.8 125.4
51 36.2 19.0 57.0





#15
Acetone
Concen: 28.132 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

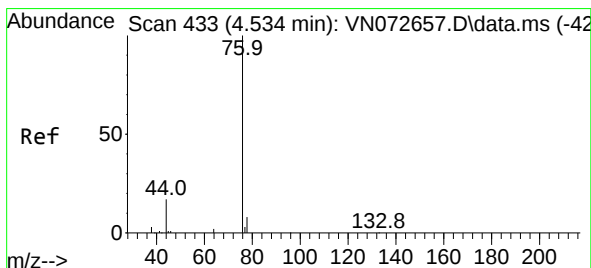
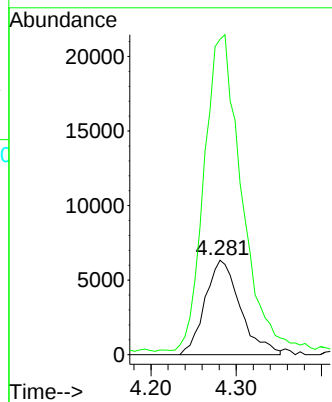
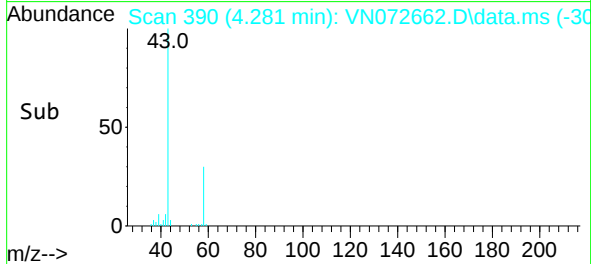
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 58 Resp: 18174
Ion Ratio Lower Upper
58 100
43 323.7 256.6 384.8

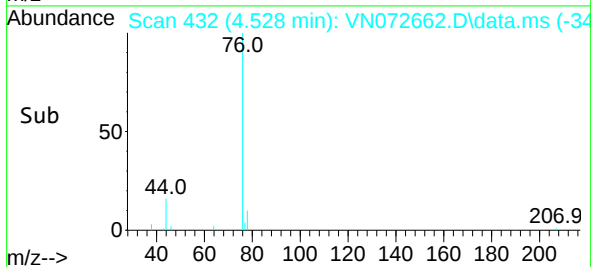
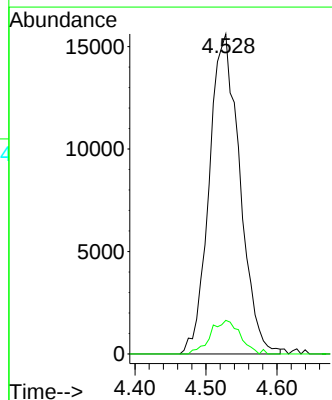
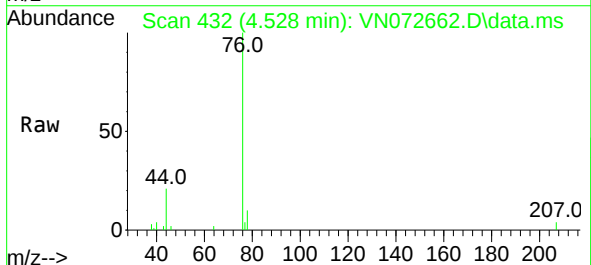
Manual Integrations
APPROVED

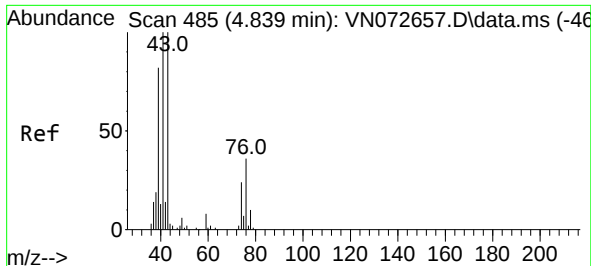
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#16
Carbon Disulfide
Concen: 6.551 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

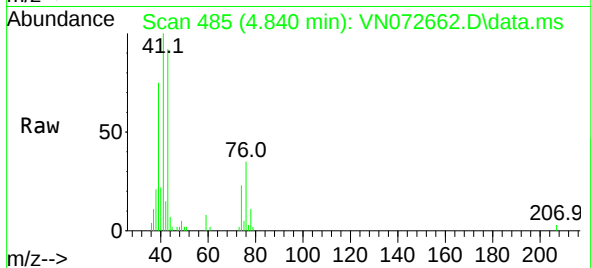
Tgt Ion: 76 Resp: 46745
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.8





#17
 Allyl chloride
 Concen: 5.199 ug/l
 RT: 4.840 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49

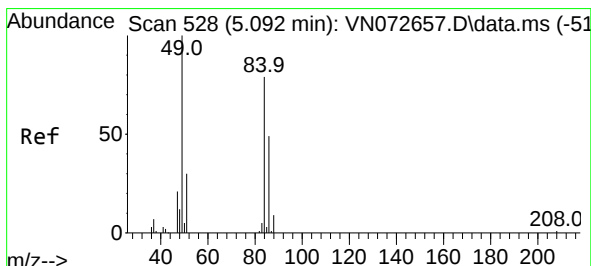
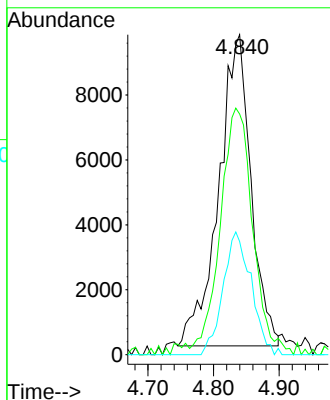
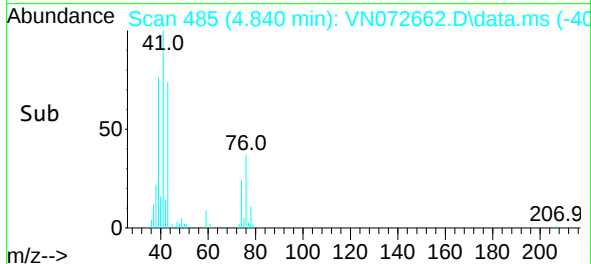
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC005



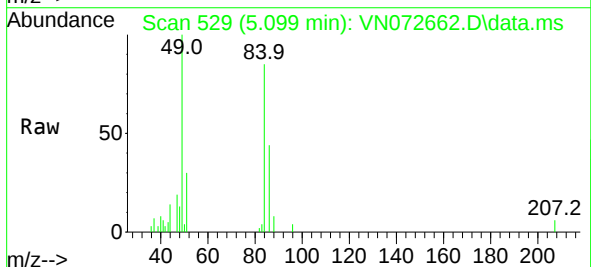
Tgt Ion: 41 Resp: 32764
 Ion Ratio Lower Upper
 41 100
 39 74.0 44.6 134.0
 76 36.4 19.6 58.7

Manual Integrations
 APPROVED

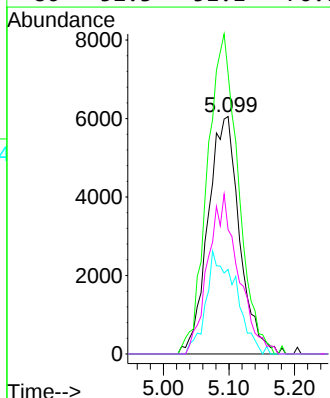
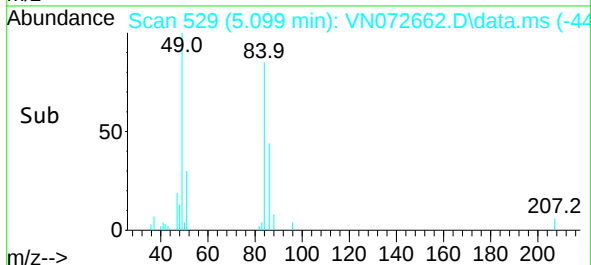
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

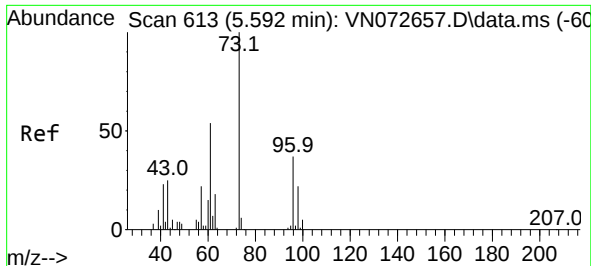


#18
 Methylene Chloride
 Concen: 5.599 ug/l
 RT: 5.099 min Scan# 529
 Delta R.T. 0.006 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49



Tgt Ion: 84 Resp: 20187
 Ion Ratio Lower Upper
 84 100
 49 118.1 91.4 137.0
 51 35.6 29.4 44.0
 86 52.3 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 5.600 ug/l

RT: 5.593 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072662.D

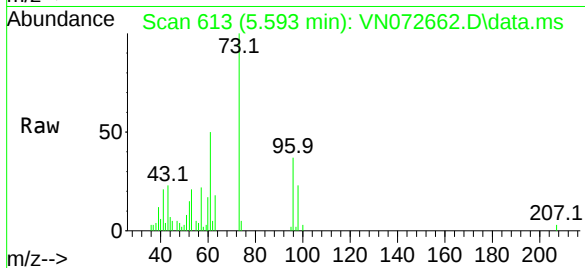
Acq: 06 Jun 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



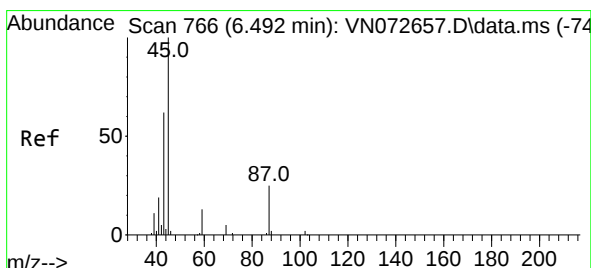
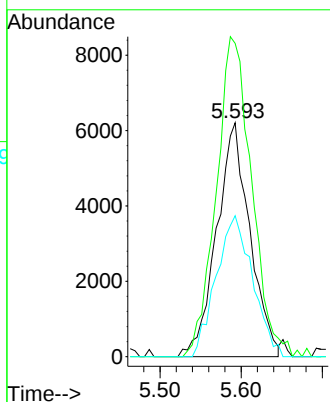
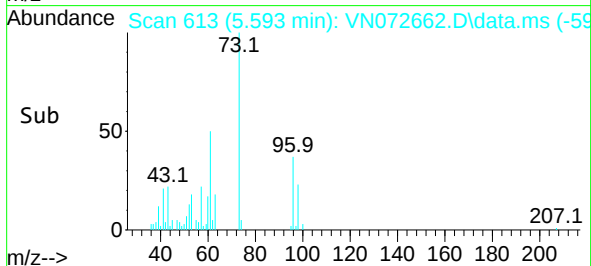
Tgt Ion:	96	Resp:	1768
Ion	Ratio	Lower	Upper
96	100		
61	133.9	102.8	154.2
98	60.3	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#20

Diisopropyl ether

Concen: 4.821 ug/l

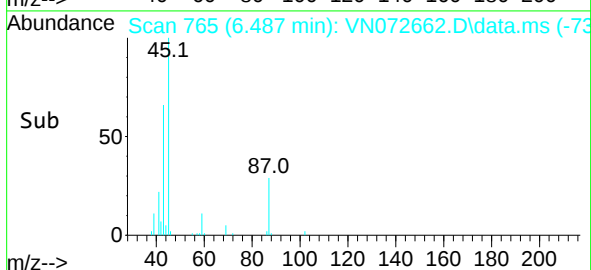
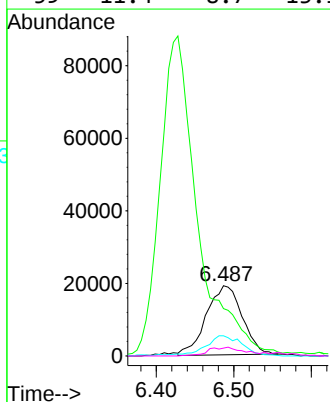
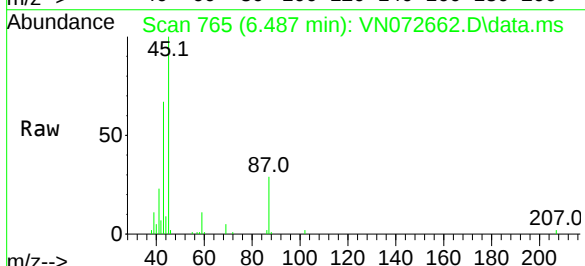
RT: 6.487 min Scan# 765

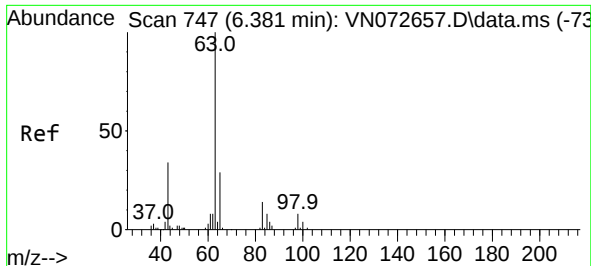
Delta R.T. -0.006 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

Tgt Ion:	45	Resp:	61165
Ion	Ratio	Lower	Upper
45	100		
43	63.5	51.0	76.4
87	28.6	25.0	37.4
59	11.4	8.7	13.1





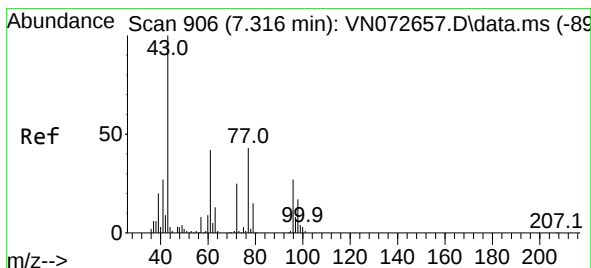
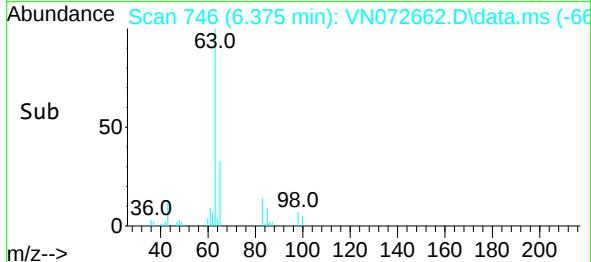
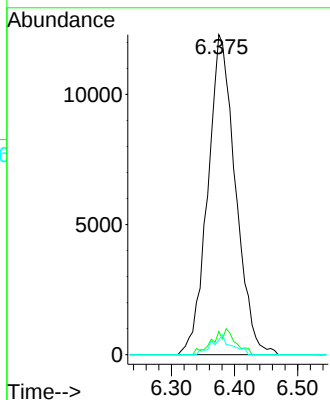
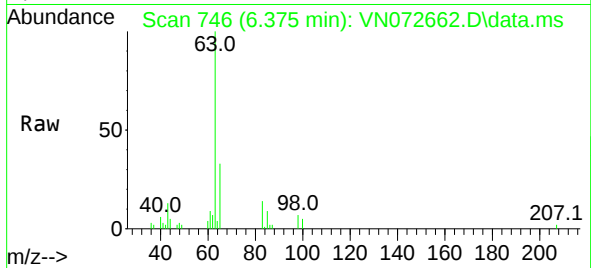
#21
1,1-Dichloroethane
Concen: 5.501 ug/l
RT: 6.375 min Scan# 747
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 3736
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 4.6 2.1 6.2

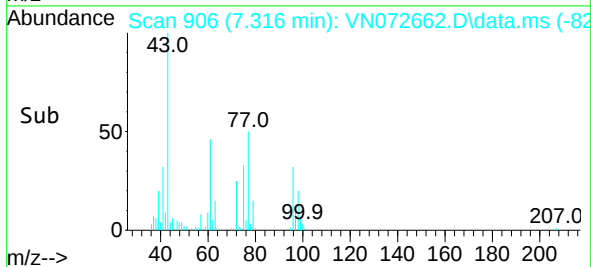
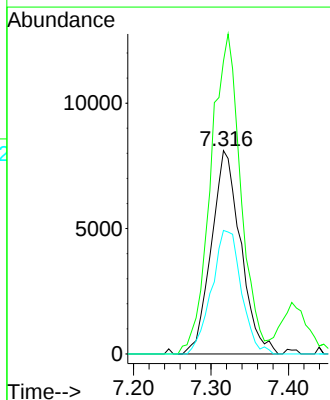
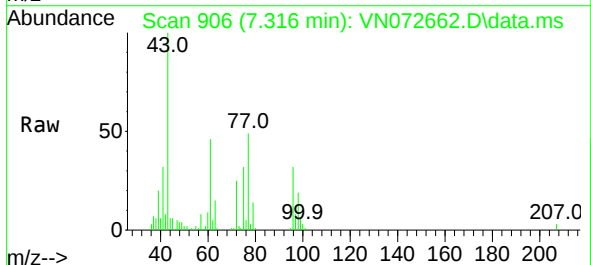
Manual Integrations
APPROVED

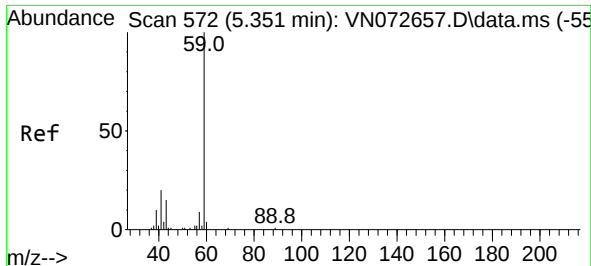
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#22
cis-1,2-Dichloroethene
Concen: 5.441 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Tgt Ion: 96 Resp: 21314
Ion Ratio Lower Upper
96 100
61 161.2 115.7 173.5
98 60.7 51.6 77.4





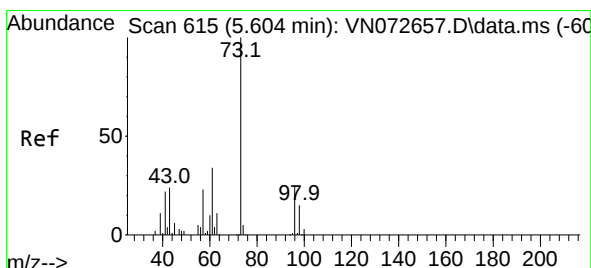
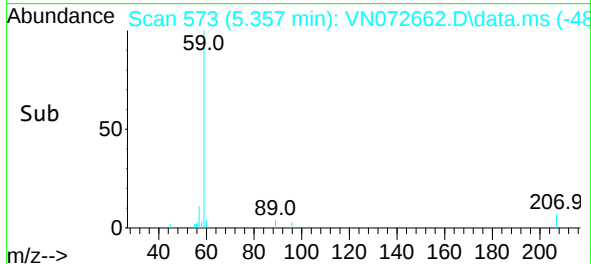
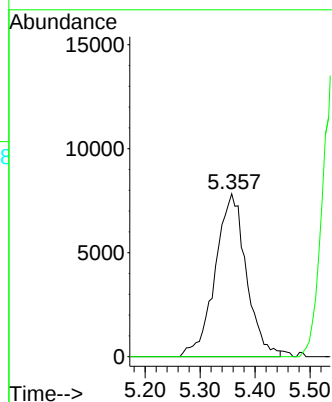
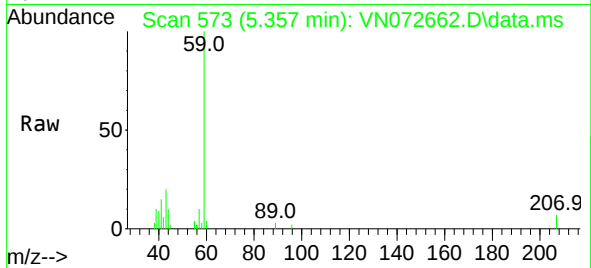
#23
tert-Butyl Alcohol
Concen: 28.365 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 30772
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

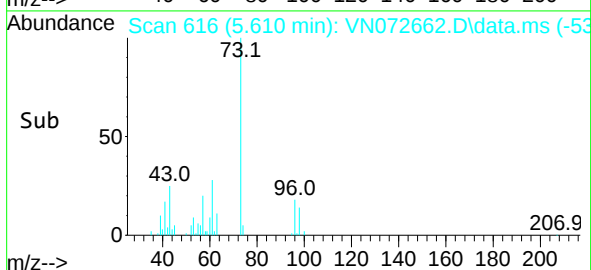
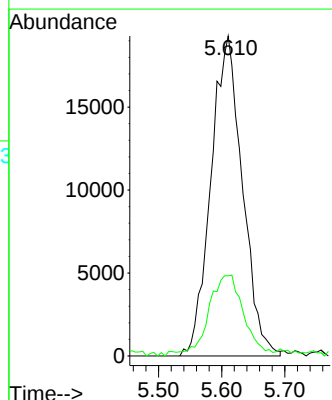
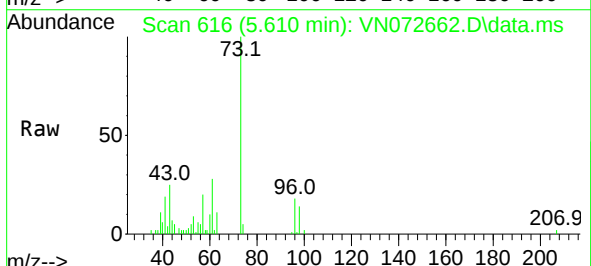
Manual Integrations
APPROVED

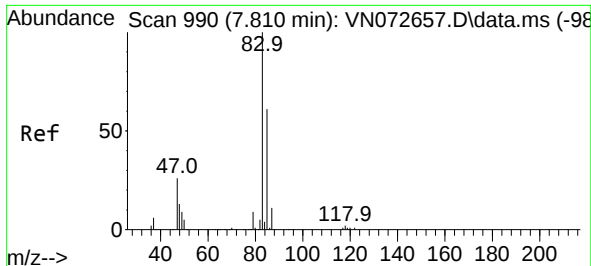
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#24
Methyl tert-Butyl Ether
Concen: 5.180 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

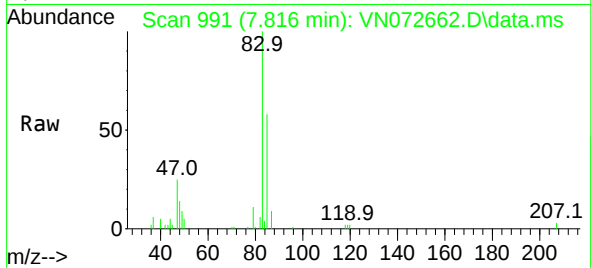
Tgt Ion: 73 Resp: 66892
Ion Ratio Lower Upper
73 100
43 24.9 18.1 27.1





#25
Chloroform
Concen: 5.301 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

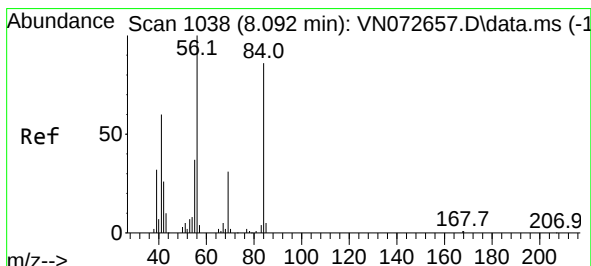
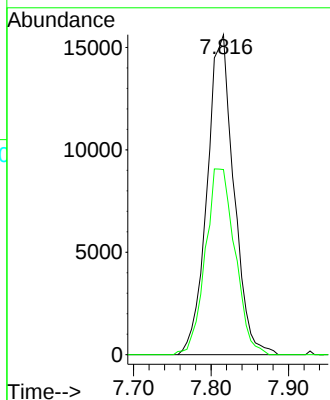
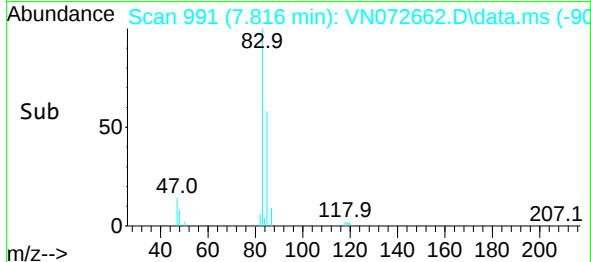
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



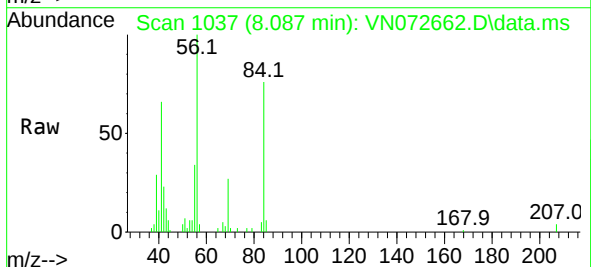
Tgt Ion: 83 Resp: 37528
Ion Ratio Lower Upper
83 100
85 57.9 51.3 76.9

Manual Integrations
APPROVED

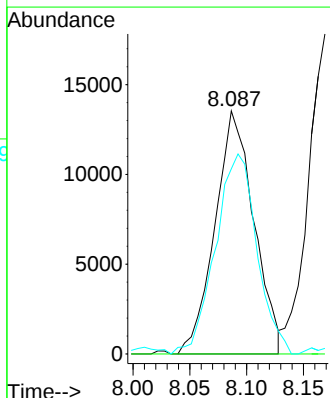
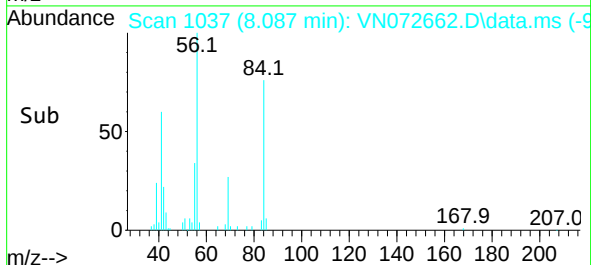
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

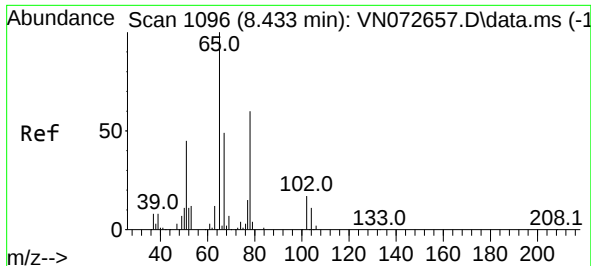


#26
Cyclohexane
Concen: 5.563 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



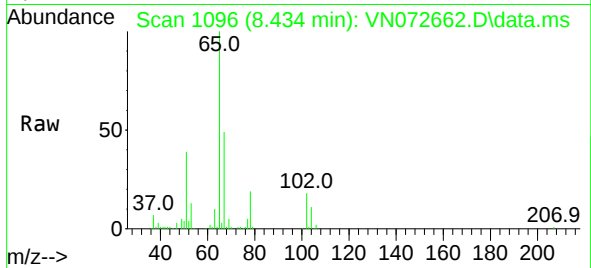
Tgt Ion: 56 Resp: 32317
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.973 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

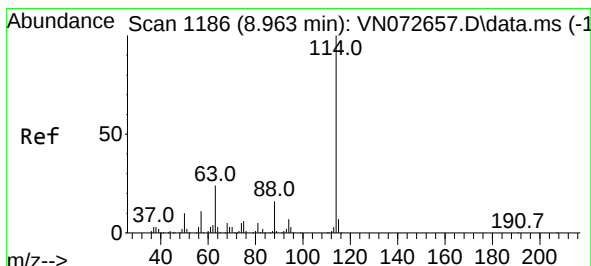
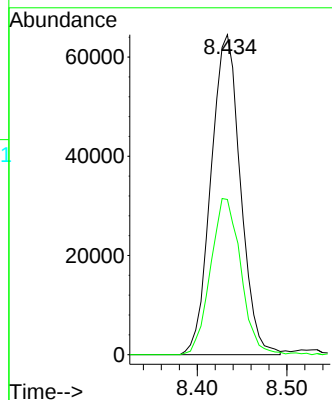
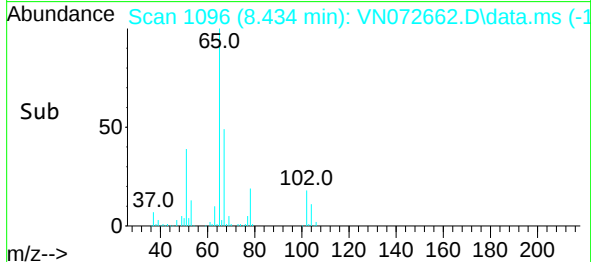
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



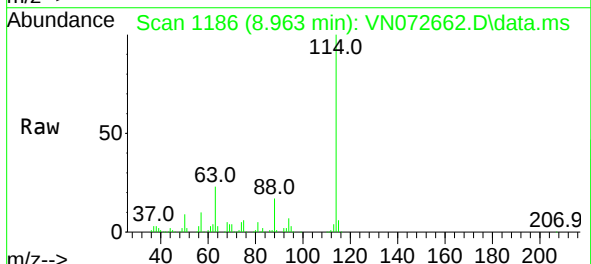
Tgt Ion: 65 Resp: 147063
Ion Ratio Lower Upper
65 100
67 50.1 40.2 60.2

Manual Integrations
APPROVED

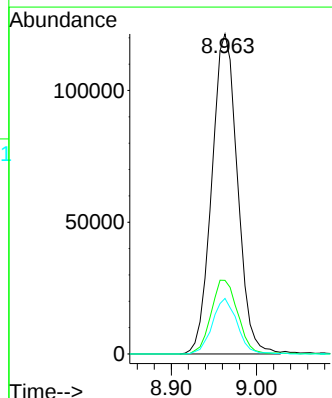
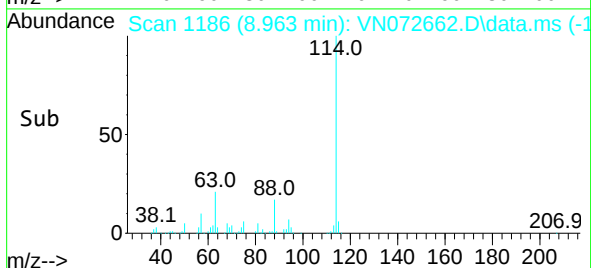
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

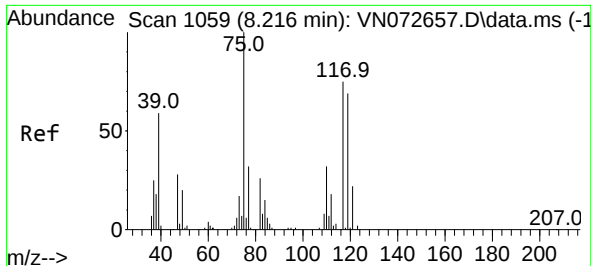


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



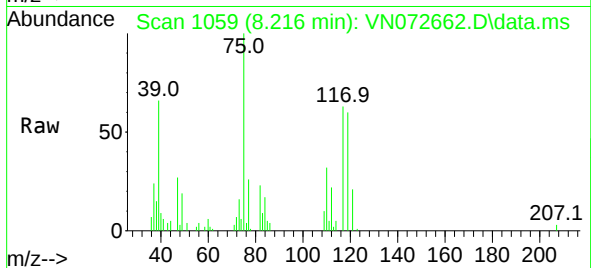
Tgt Ion:114 Resp: 254156
Ion Ratio Lower Upper
114 100
63 23.9 15.8 23.6#
88 16.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 5.517 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

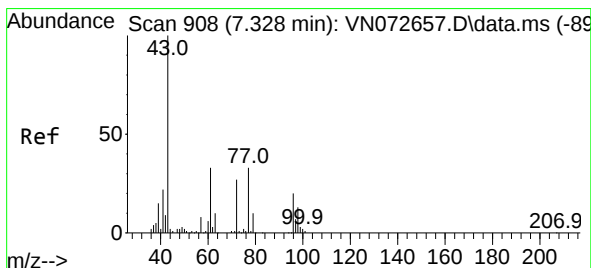
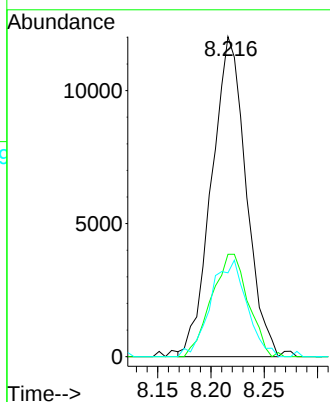
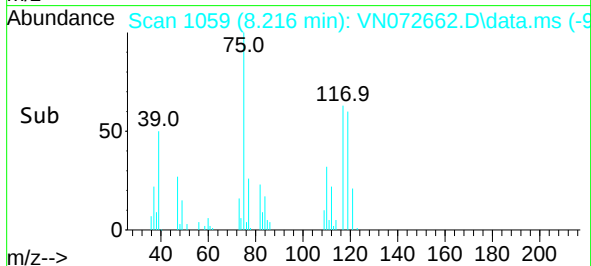
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



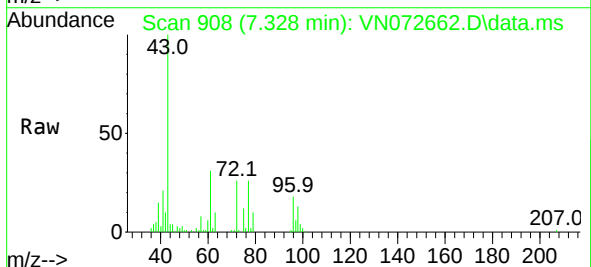
Tgt Ion: 75 Resp: 26950
Ion Ratio Lower Upper
75 100
110 34.0 0.0 74.2
77 17.6 0.0 63.2

Manual Integrations
APPROVED

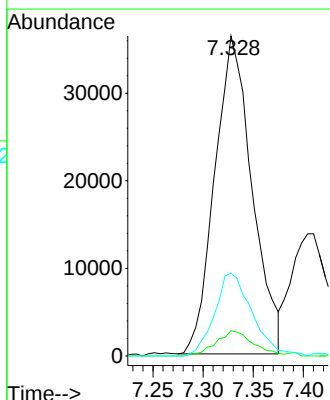
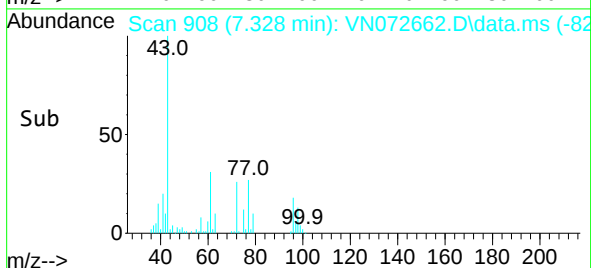
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
2-Butanone
Concen: 26.737 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



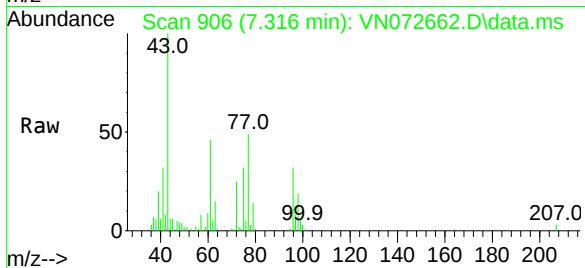
Tgt Ion: 43 Resp: 94323
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 26.1 23.2 34.8





#31
2,2-Dichloropropane
Concen: 5.421 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

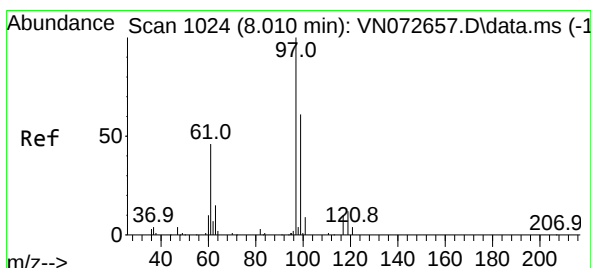
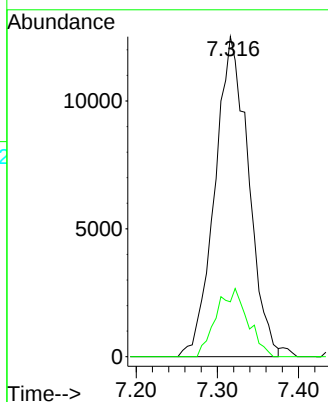
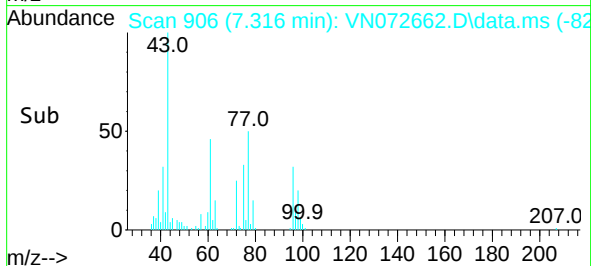
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



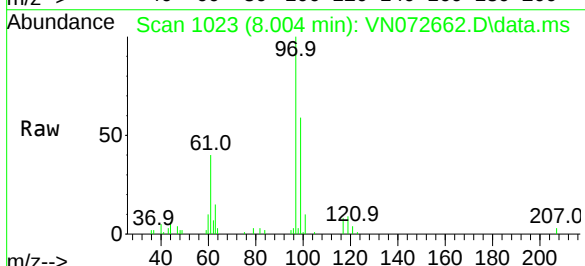
Tgt Ion: 77 Resp: 36038
Ion Ratio Lower Upper
77 100
97 9.7 18.3 27.5

Manual Integrations
APPROVED

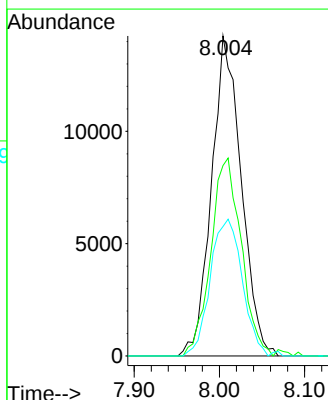
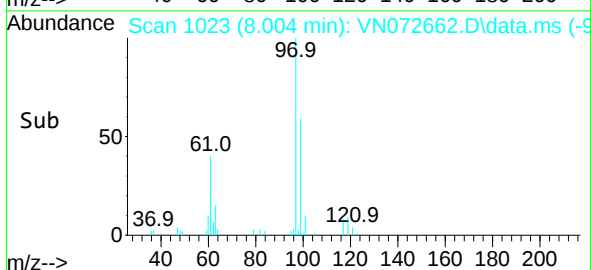
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

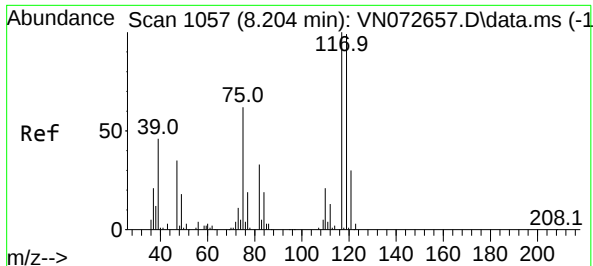


#32
1,1,1-Trichloroethane
Concen: 5.345 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



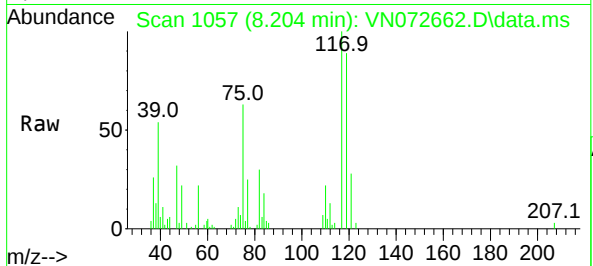
Tgt Ion: 97 Resp: 34488
Ion Ratio Lower Upper
97 100
99 63.3 50.4 75.6
61 46.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 5.419 ug/l
RT: 8.204 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

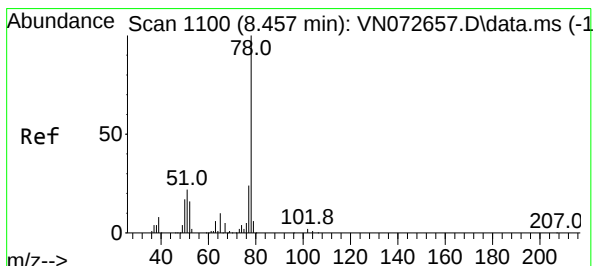
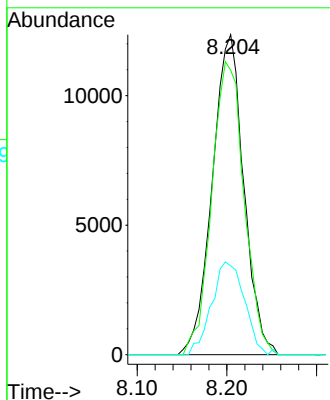
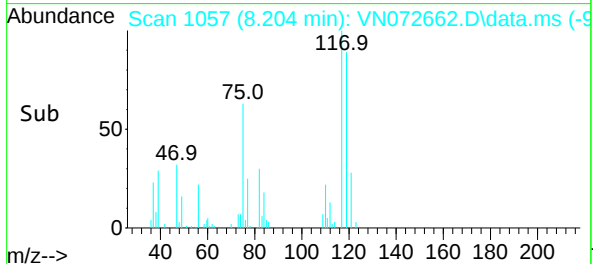
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



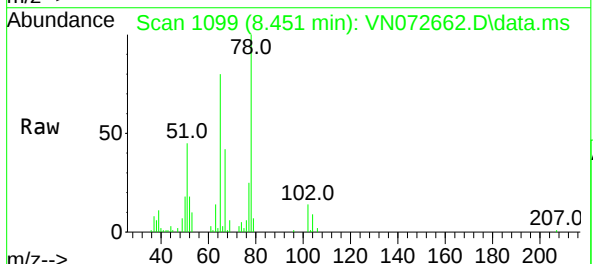
Tgt Ion: 117 Resp: 3007
Ion Ratio Lower Upper
117 100
119 88.9 77.5 116.3
121 27.8 23.5 35.3

Manual Integrations
APPROVED

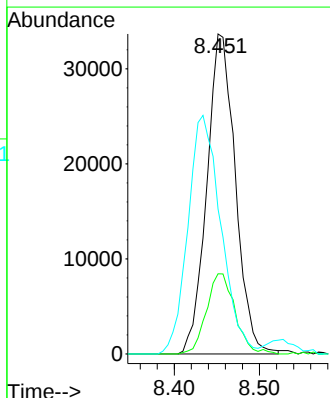
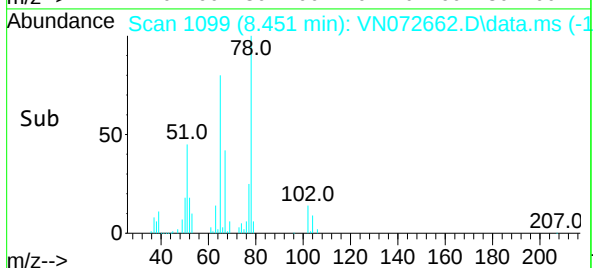
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

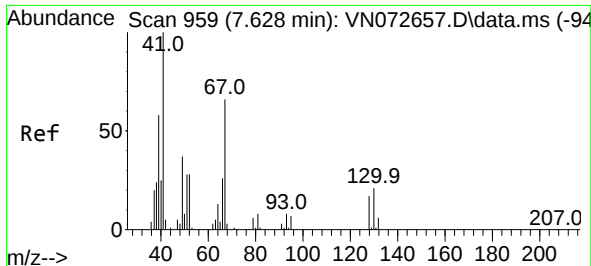


#34
Benzene
Concen: 5.384 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



Tgt Ion: 78 Resp: 78439
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7
51 41.0 16.0 24.0#





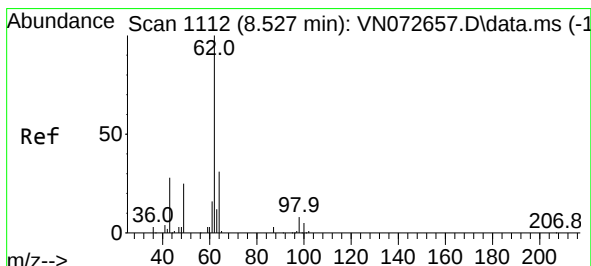
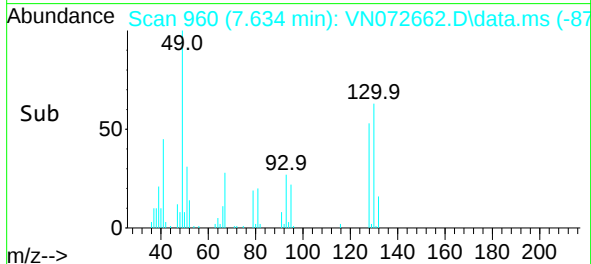
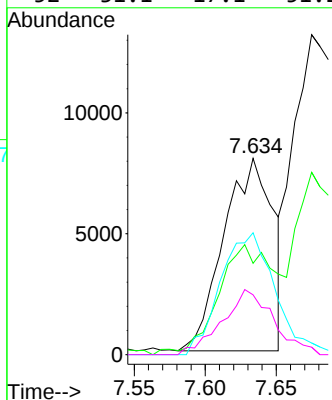
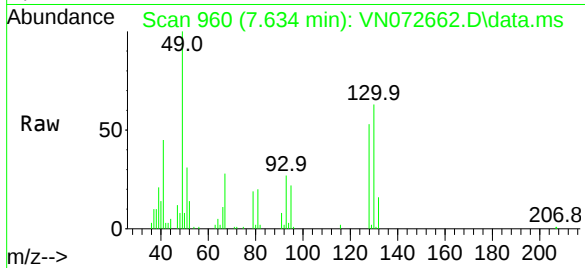
#35
Methacrylonitrile
Concen: 5.532 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 19210
Ion Ratio Lower Upper
41 100
39 45.3 28.0 83.9
67 63.3 37.7 113.1
52 31.1 17.1 51.2

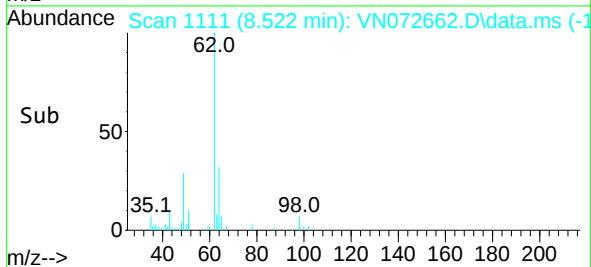
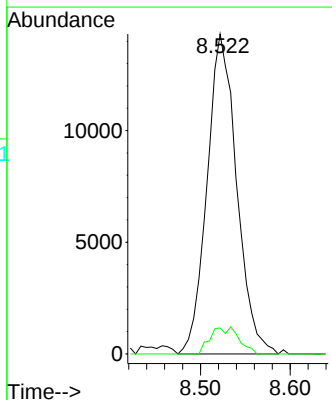
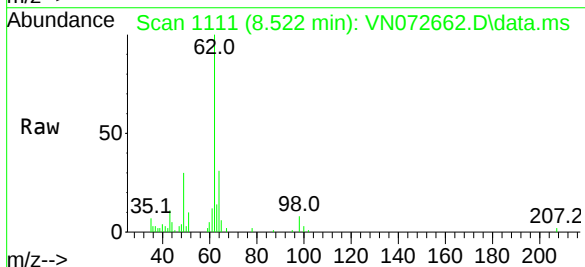
Manual Integrations
APPROVED

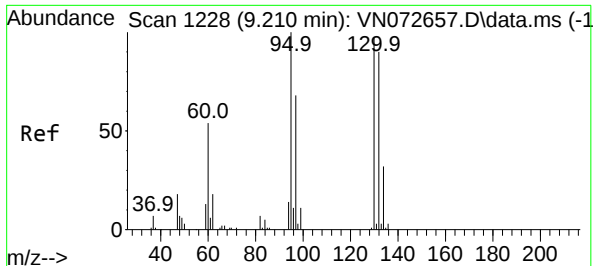
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#36
1,2-Dichloroethane
Concen: 5.328 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Tgt Ion: 62 Resp: 32839
Ion Ratio Lower Upper
62 100
98 4.7 6.6 10.0#





#37

Trichloroethene

Concen: 5.474 ug/l

RT: 9.216 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 1895

Ion Ratio Lower Upper

130 100

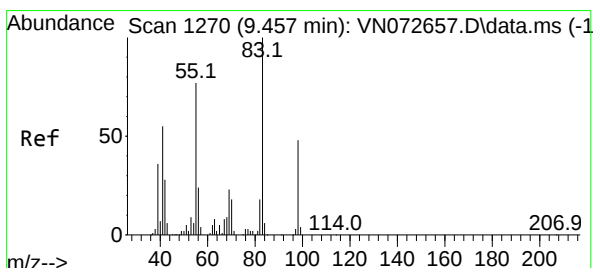
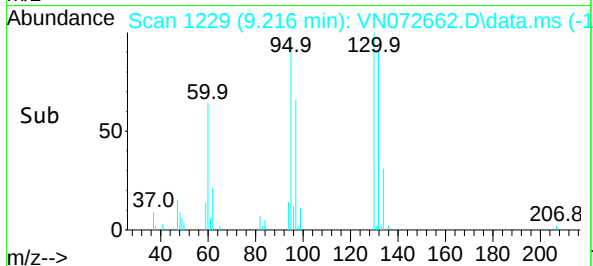
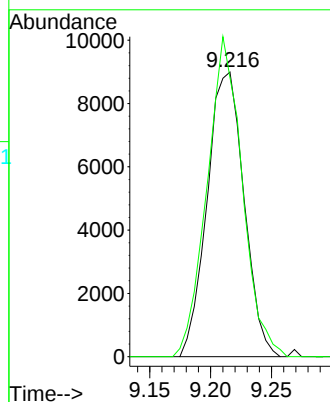
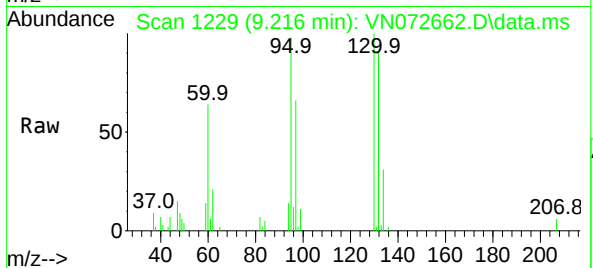
95 95.5 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#38

Methylcyclohexane

Concen: 5.579 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

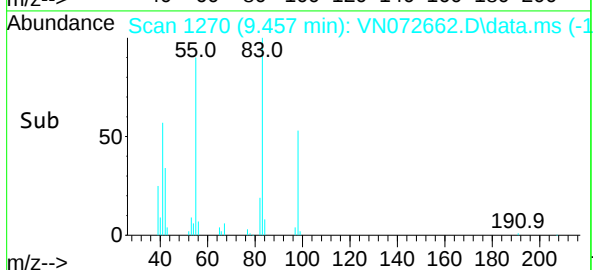
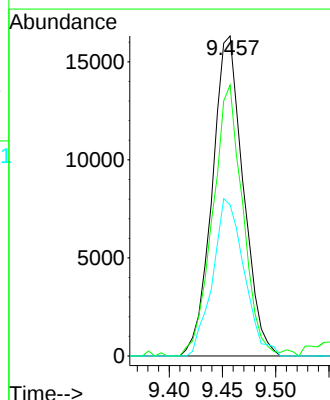
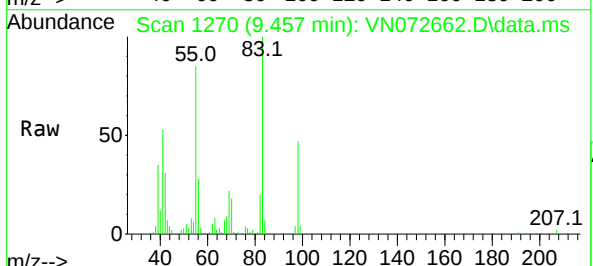
Tgt Ion: 83 Resp: 33052

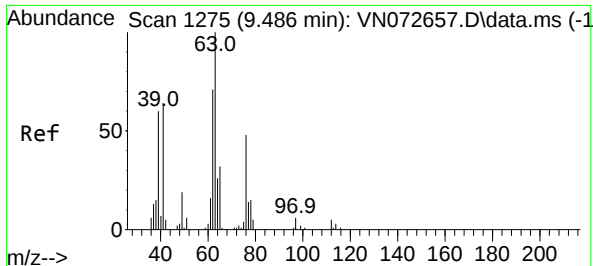
Ion Ratio Lower Upper

83 100

55 81.8 35.1 105.3

98 49.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.409 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 21540

Ion Ratio Lower Upper

63 100

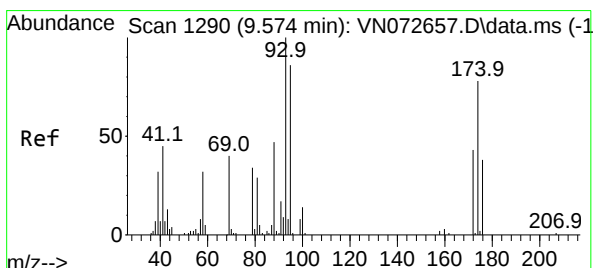
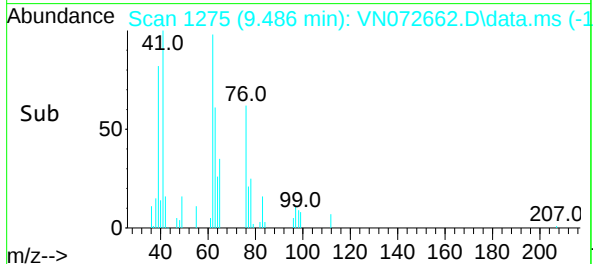
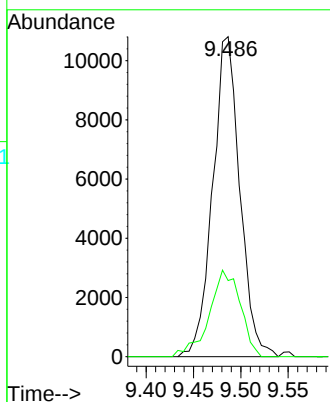
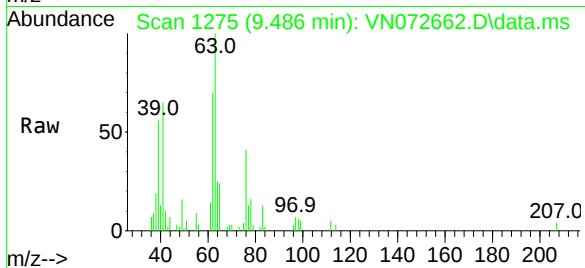
65 23.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#40

Dibromomethane

Concen: 5.408 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

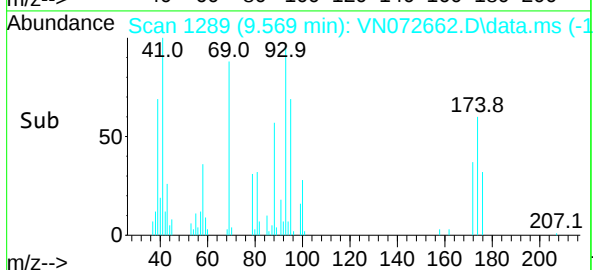
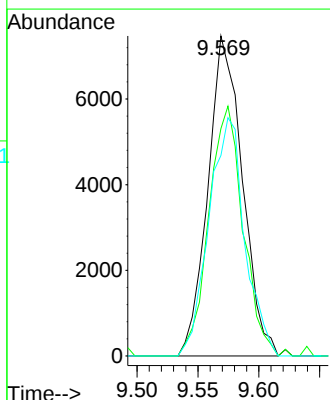
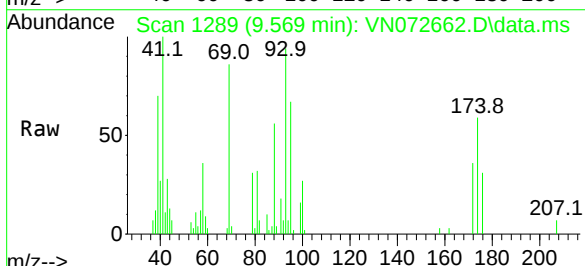
Tgt Ion: 93 Resp: 14718

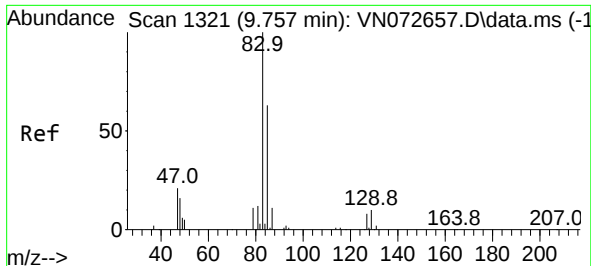
Ion Ratio Lower Upper

93 100

95 77.6 0.0 168.8

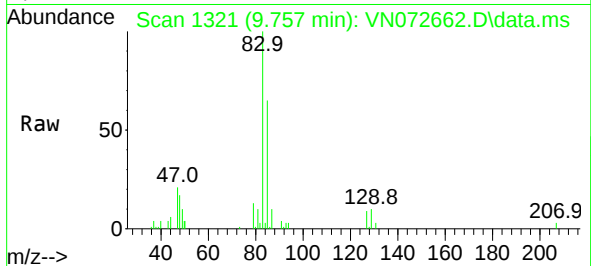
174 77.2 0.0 173.6





#41
Bromodichloromethane
Concen: 5.026 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

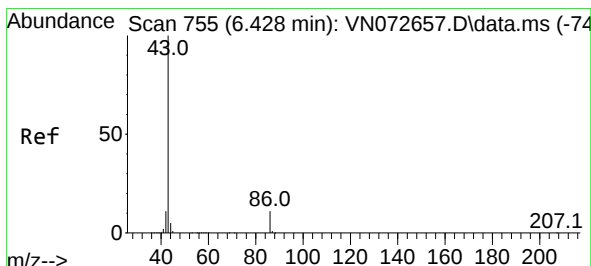
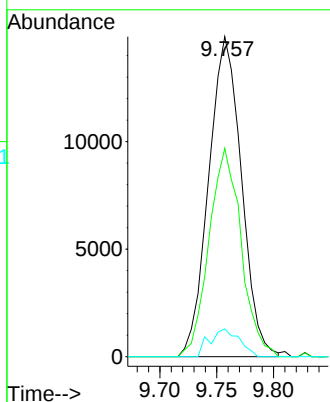
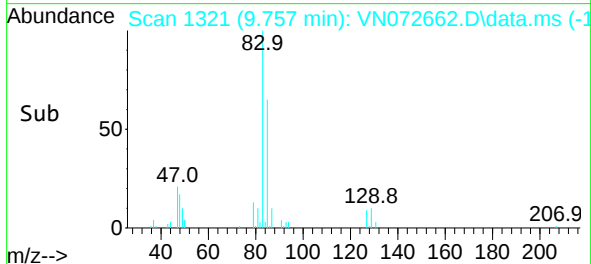
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



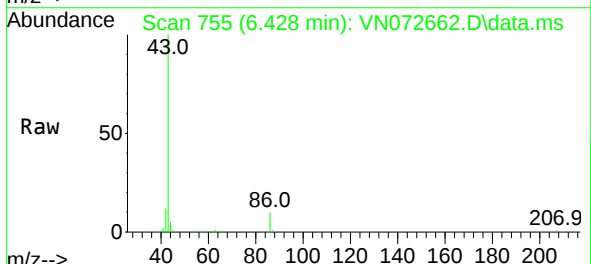
Tgt Ion: 83 Resp: 29852
Ion Ratio Lower Upper
83 100
85 65.1 54.1 81.1
127 8.7 7.6 11.4

Manual Integrations
APPROVED

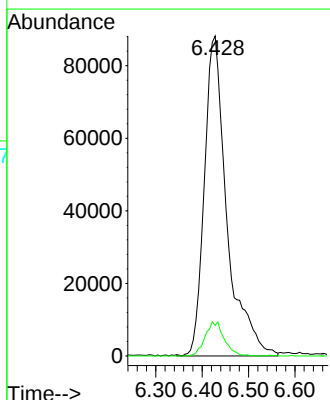
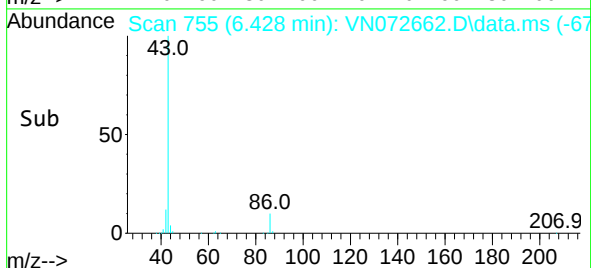
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

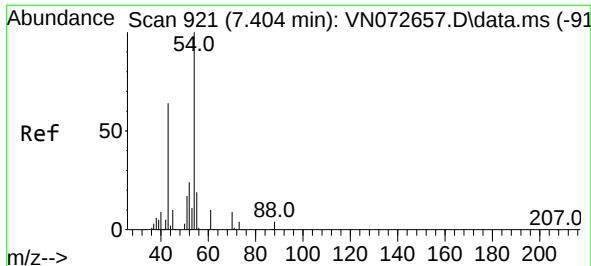


#42
Vinyl Acetate
Concen: 25.650 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



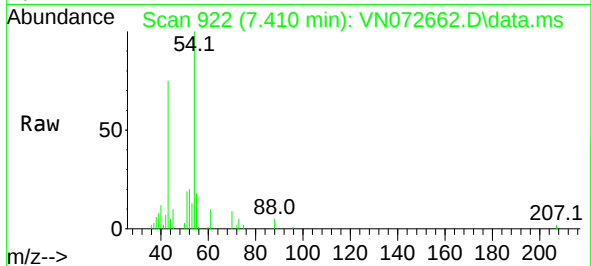
Tgt Ion: 43 Resp: 297651
Ion Ratio Lower Upper
43 100
86 8.9 7.5 11.3





#43
Ethyl Acetate
Concen: 5.037 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

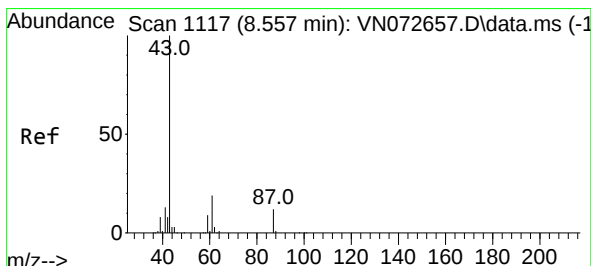
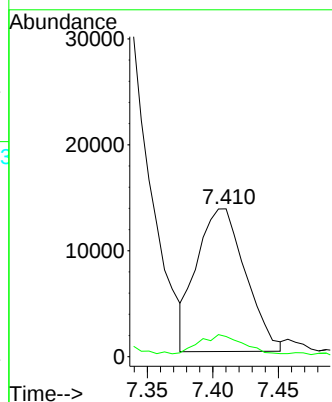
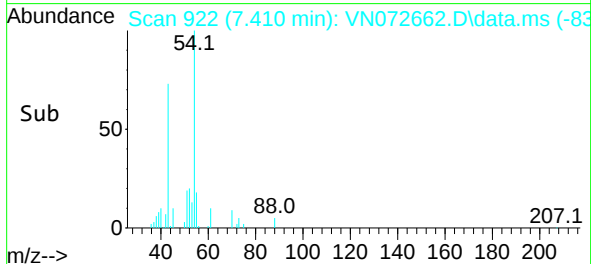
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



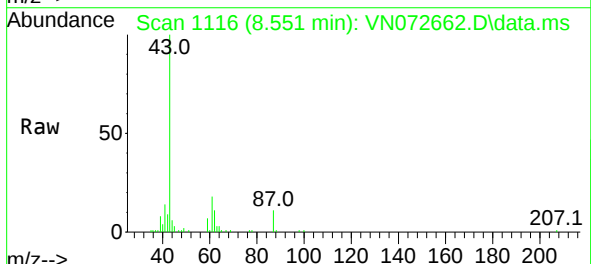
Tgt Ion: 43 Resp: 34750
Ion Ratio Lower Upper
43 100
45 12.8 10.6 16.0

Manual Integrations
APPROVED

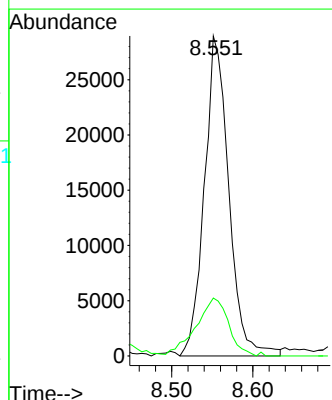
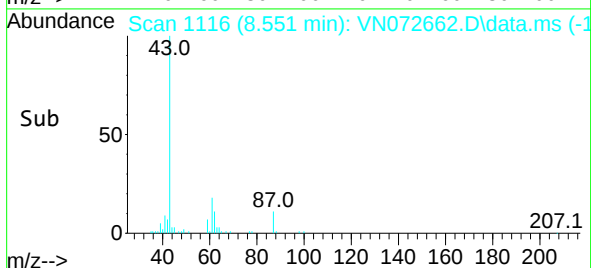
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

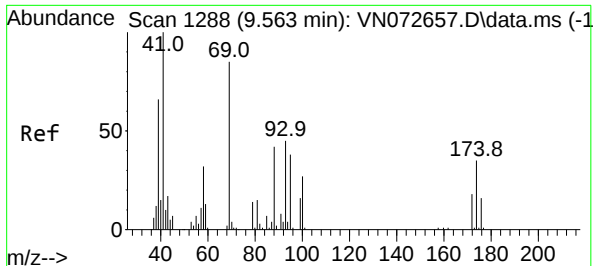


#44
Isopropyl Acetate
Concen: 5.427 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



Tgt Ion: 43 Resp: 60617
Ion Ratio Lower Upper
43 100
61 24.1 20.1 30.1





#45

1,4-Dioxane

Concen: 106.700 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

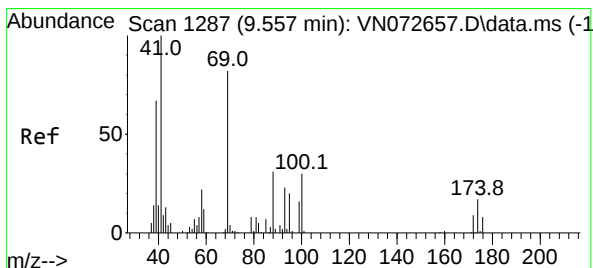
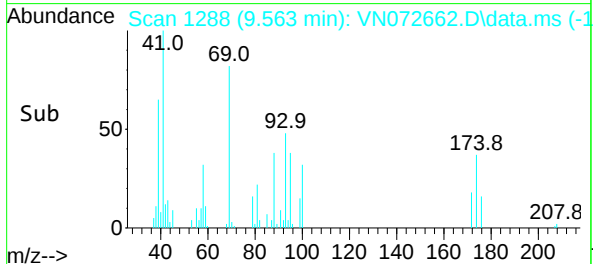
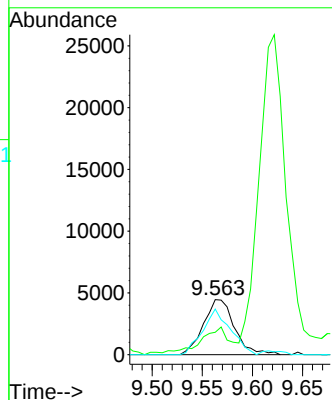
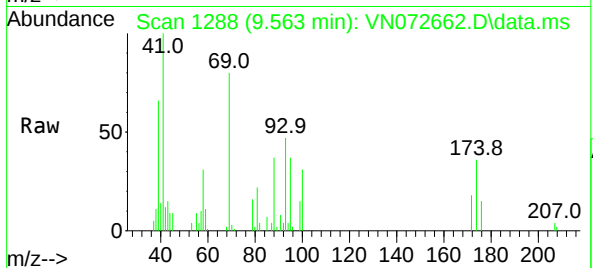
Tgt Ion: 88	Resp: 9592
Ion Ratio	Lower Upper
88 100	
43 34.1	25.0 37.6
58 74.7	49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#46

Methyl methacrylate

Concen: 5.488 ug/l

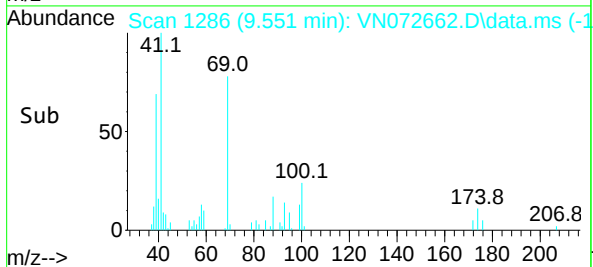
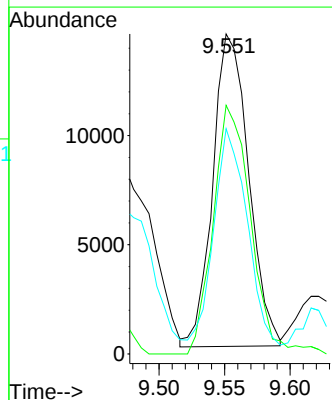
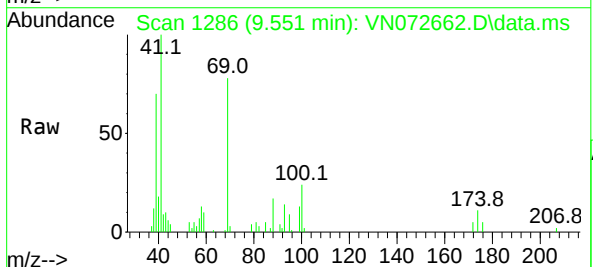
RT: 9.551 min Scan# 1286

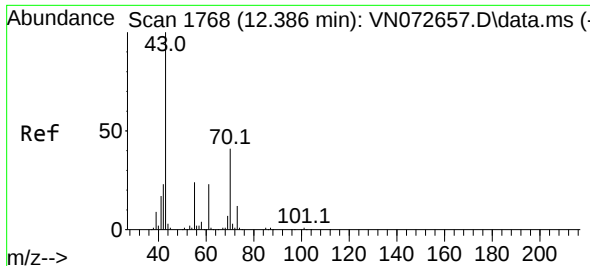
Delta R.T. -0.006 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

Tgt Ion: 41	Resp: 27180
Ion Ratio	Lower Upper
41 100	
69 81.1	44.4 133.2
39 70.6	39.9 119.6





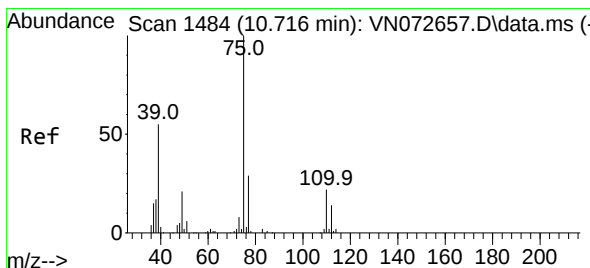
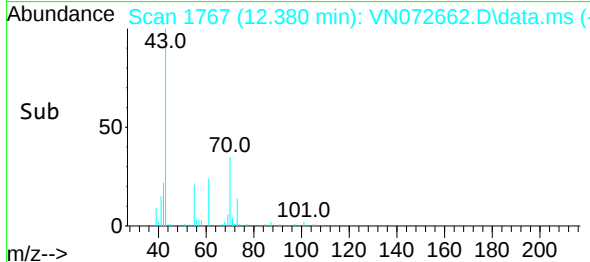
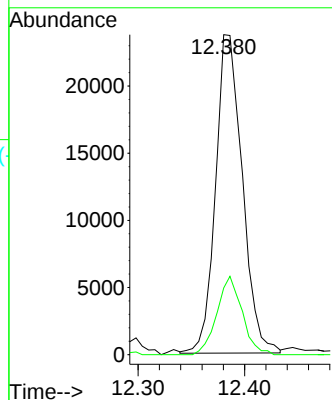
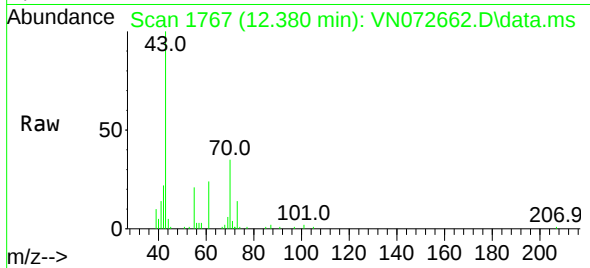
#47
n-amy1 Acetate
Concen: 4.838 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 4140
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6

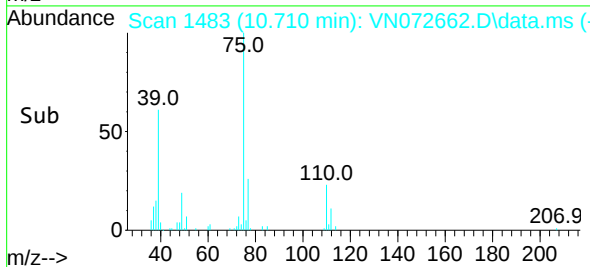
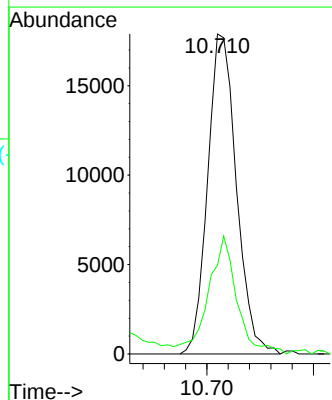
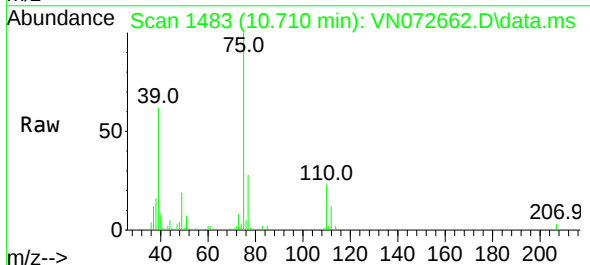
Manual Integrations
APPROVED

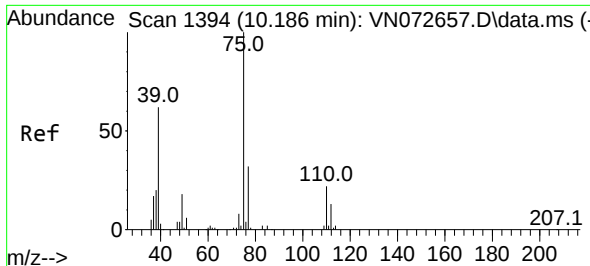
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#48
t-1,3-Dichloropropene
Concen: 5.022 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

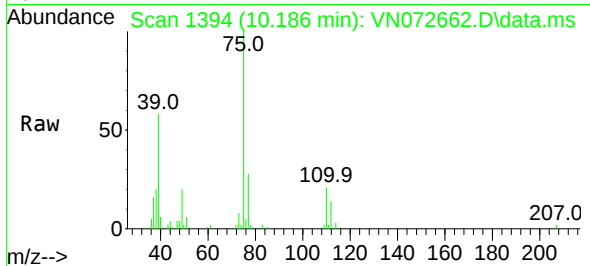
Tgt Ion: 75 Resp: 33580
Ion Ratio Lower Upper
75 100
77 26.1 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 5.097 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49

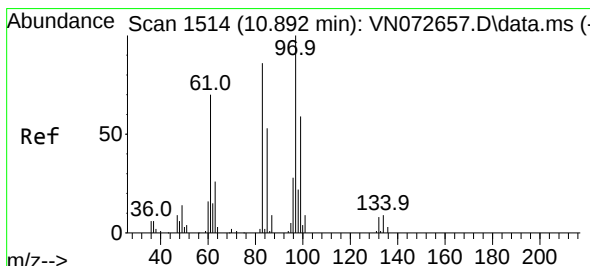
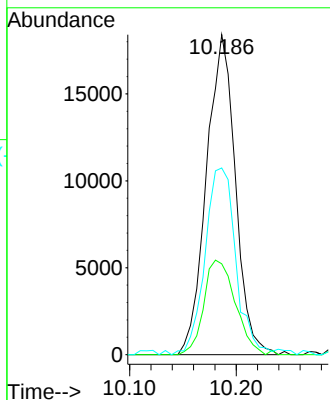
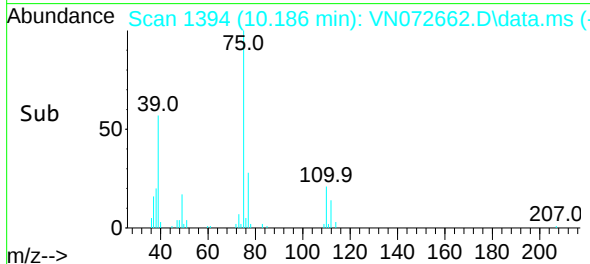
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 3476
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.3 37.9
 39 57.1 46.2 69.4

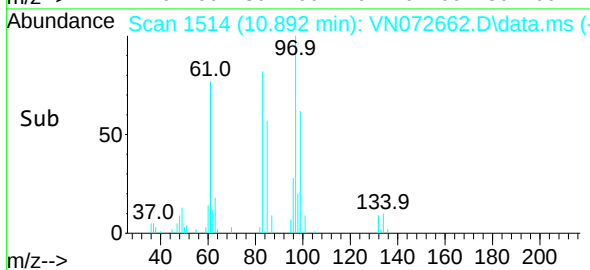
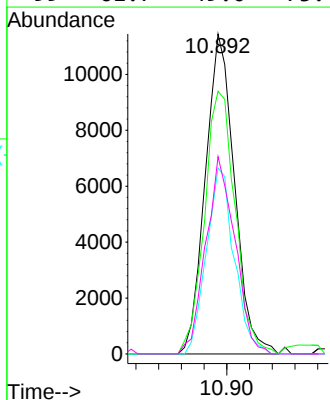
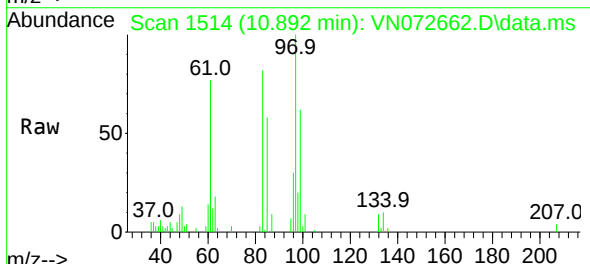
Manual Integrations
 APPROVED

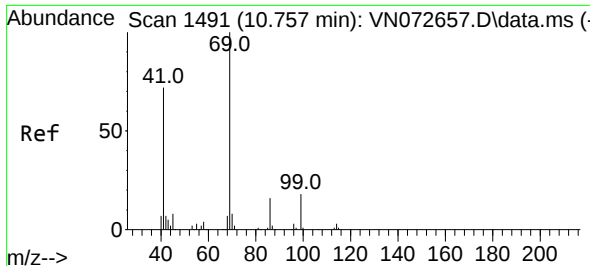
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#50
 1,1,2-Trichloroethane
 Concen: 5.282 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49

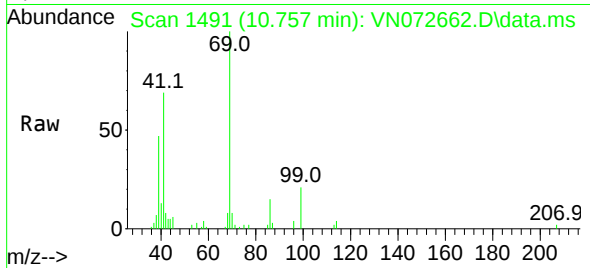
Tgt Ion: 97 Resp: 20382
 Ion Ratio Lower Upper
 97 100
 83 82.1 67.2 100.8
 85 58.1 43.0 64.4
 99 61.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 5.037 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

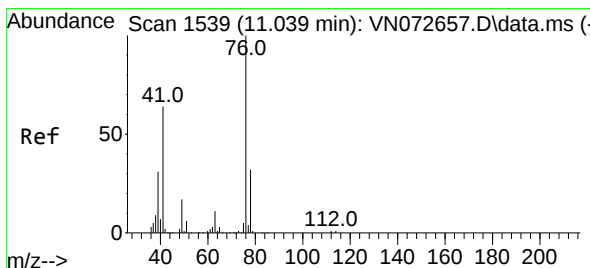
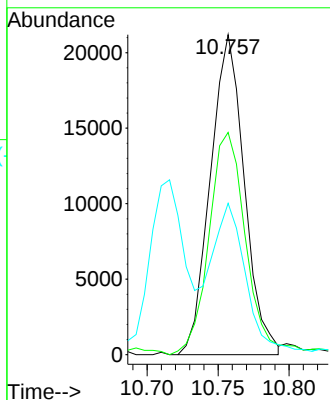
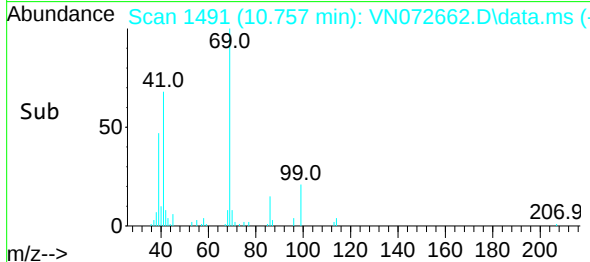
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 69 Resp: 3526
Ion Ratio Lower Upper
69 100
41 68.3 33.0 98.9
39 44.2 25.4 76.4

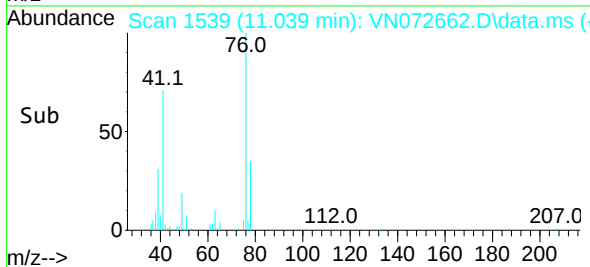
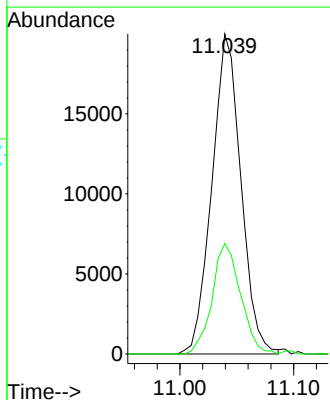
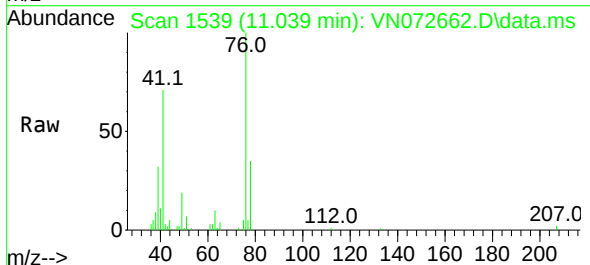
Manual Integrations
APPROVED

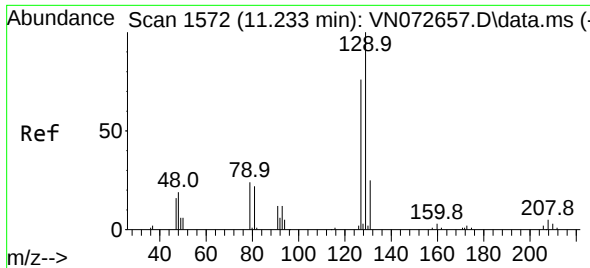
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#52
1,3-Dichloropropane
Concen: 5.084 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

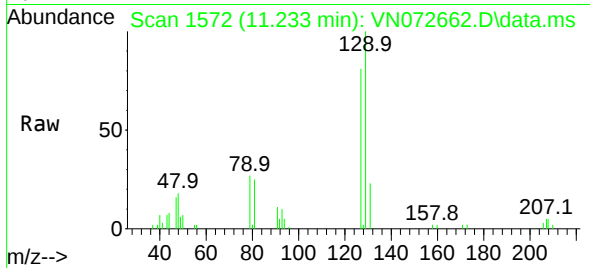
Tgt Ion: 76 Resp: 35375
Ion Ratio Lower Upper
76 100
78 33.8 0.0 65.4





#53
Dibromochloromethane
Concen: 4.920 ug/l
RT: 11.233 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

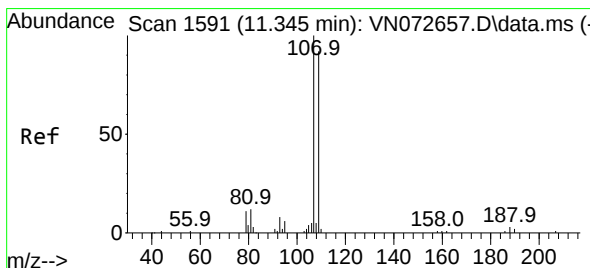
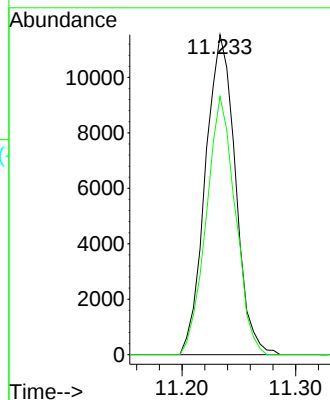
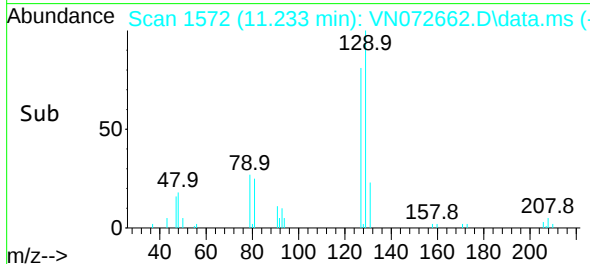
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



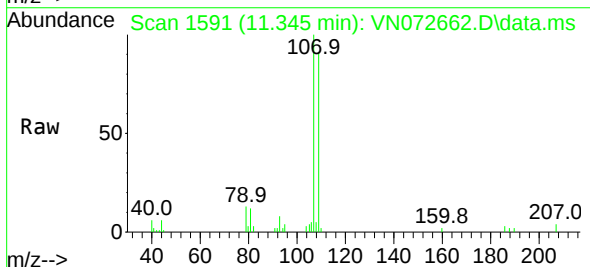
Tgt Ion:129 Resp: 2118
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

Manual Integrations
APPROVED

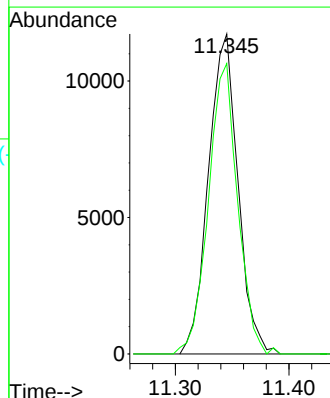
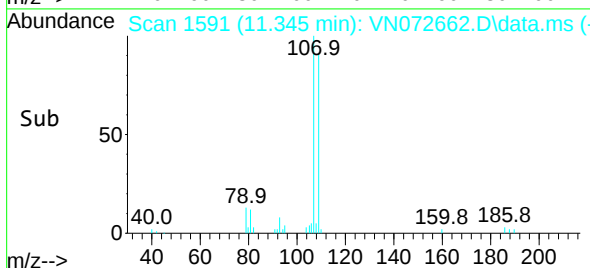
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

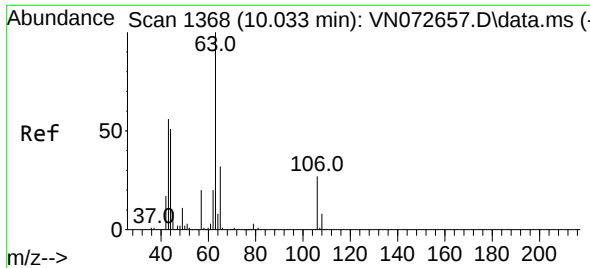


#54
1,2-Dibromoethane
Concen: 5.249 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



Tgt Ion:107 Resp: 21183
Ion Ratio Lower Upper
107 100
109 89.5 72.8 109.2





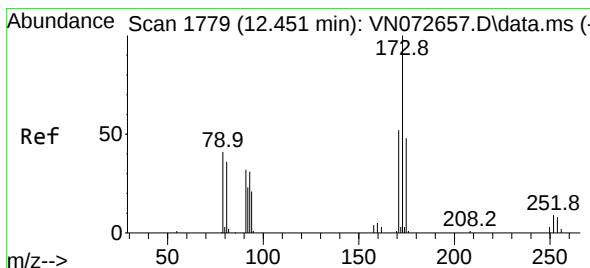
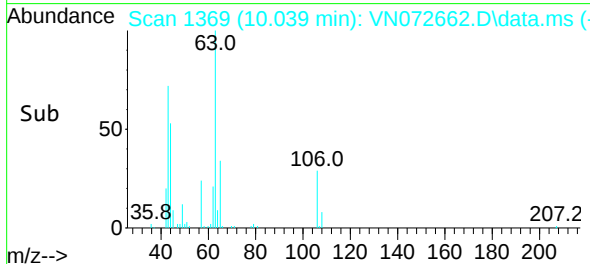
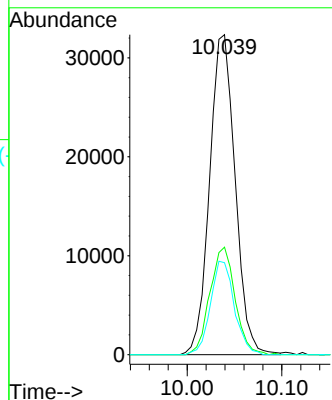
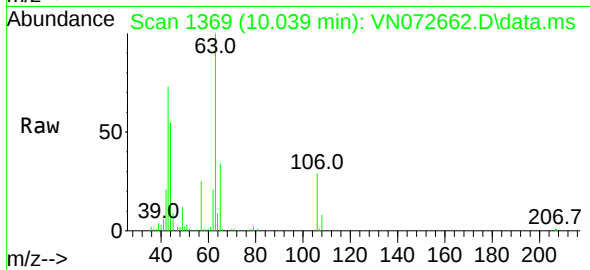
#55
2-Chloroethyl vinyl ether
Concen: 21.580 ug/l
RT: 10.039 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 60570
Ion Ratio Lower Upper
63 100
65 33.1 25.4 38.0
106 27.3 23.2 34.8

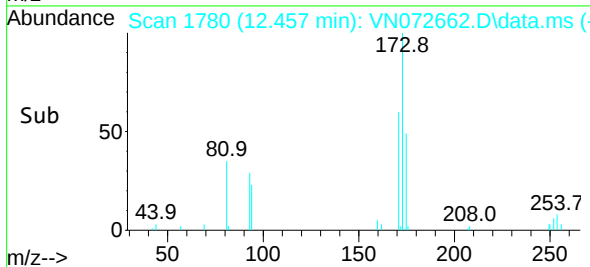
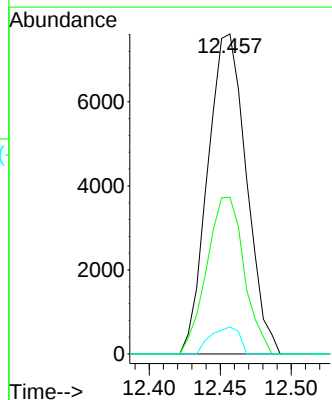
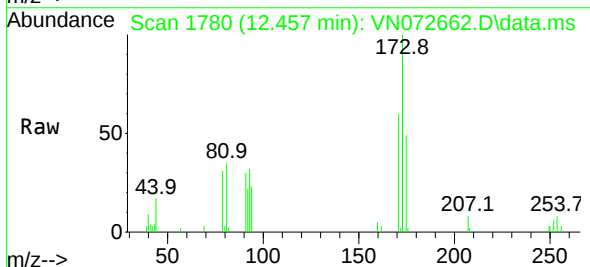
Manual Integrations
APPROVED

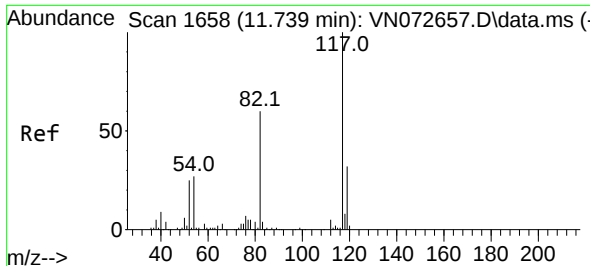
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#56
Bromoform
Concen: 4.811 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

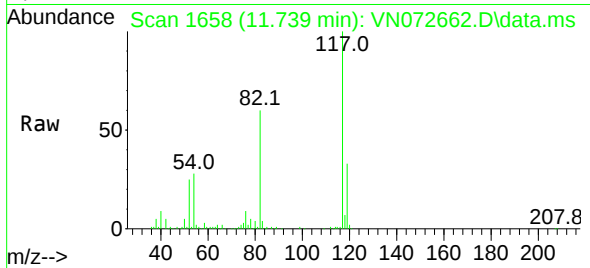
Tgt Ion:173 Resp: 14413
Ion Ratio Lower Upper
173 100
175 47.4 38.6 58.0
254 6.3 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

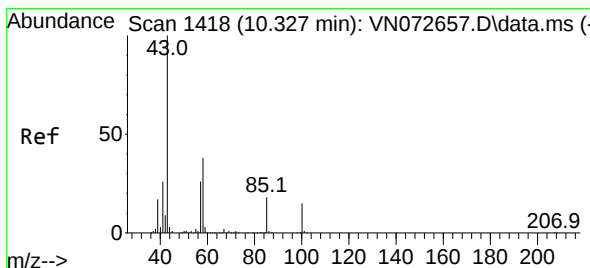
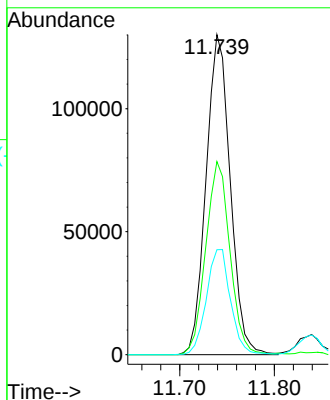
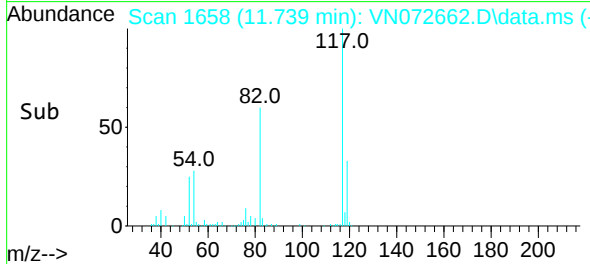
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 230500
Ion Ratio Lower Upper
117 100
82 60.5 43.6 65.4
119 32.9 25.8 38.6

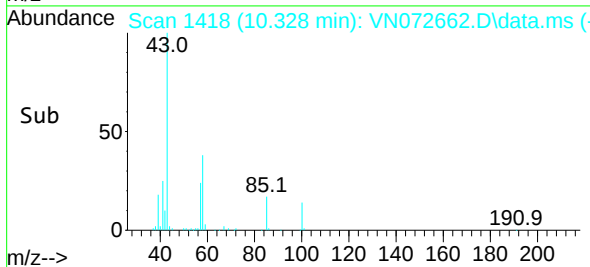
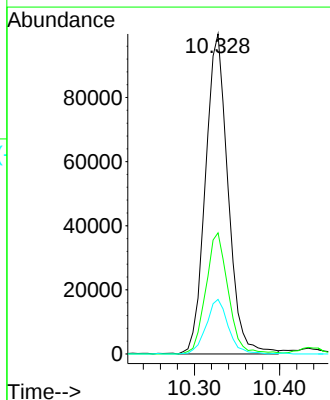
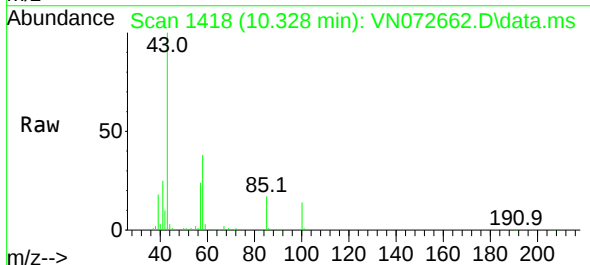
Manual Integrations
APPROVED

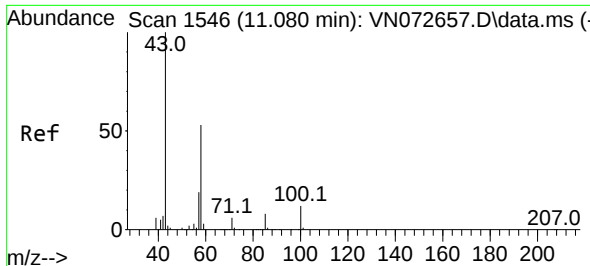
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#58
4-Methyl-2-Pentanone
Concen: 26.333 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

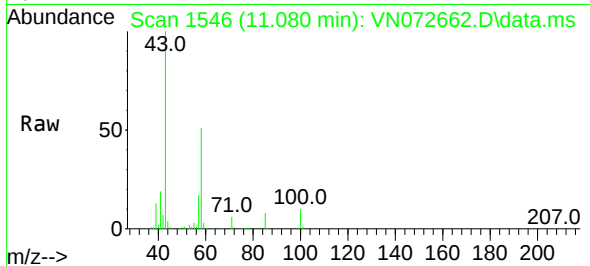
Tgt Ion: 43 Resp: 184006
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0
85 16.6 15.0 22.6





#59
2-Hexanone
Concen: 26.506 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

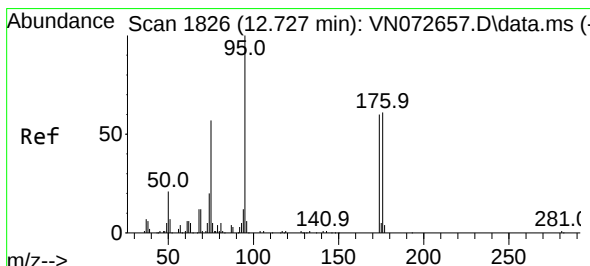
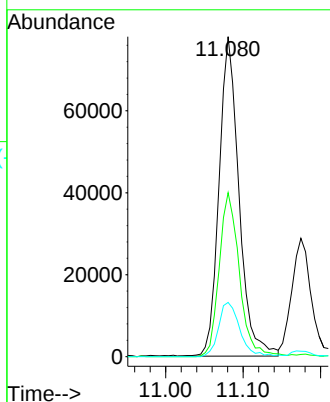
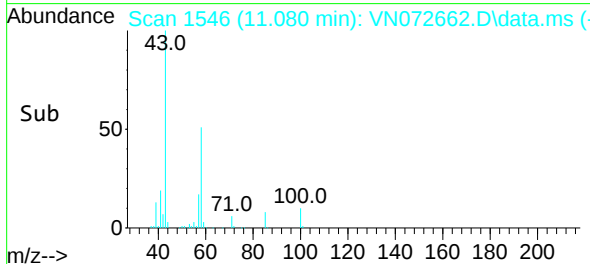
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 13944
Ion Ratio Lower Upper
43 100
58 52.0 42.2 63.2
57 18.1 15.0 22.4

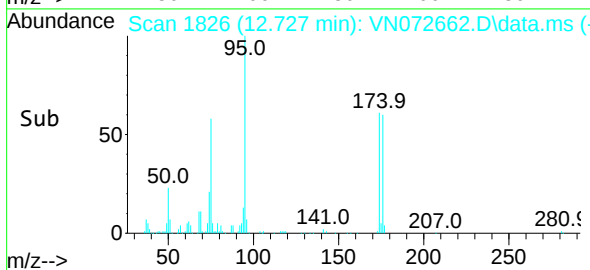
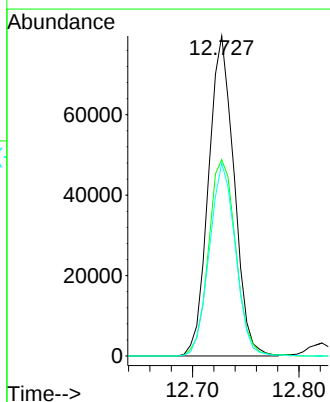
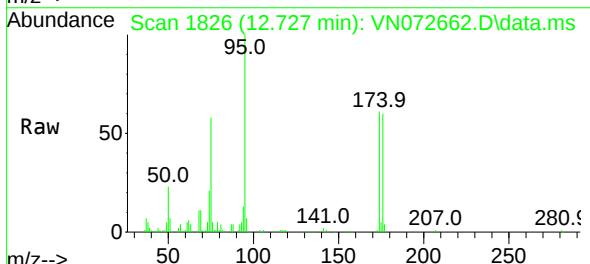
Manual Integrations
APPROVED

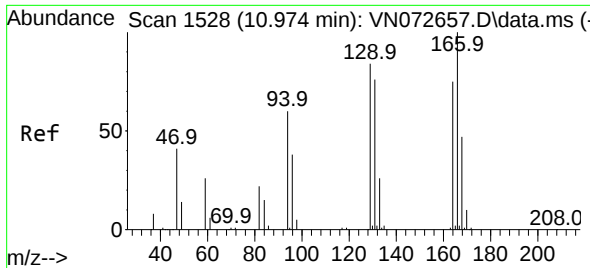
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#60
4-Bromofluorobenzene
Concen: 27.839 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

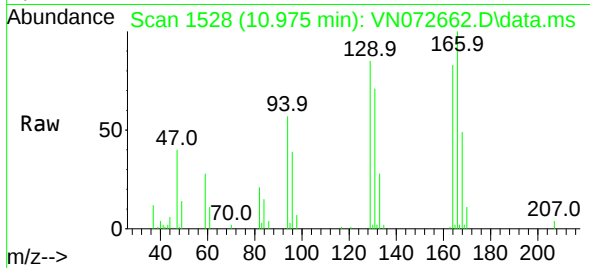
Tgt Ion: 95 Resp: 132613
Ion Ratio Lower Upper
95 100
174 65.1 62.9 94.3
176 61.2 61.0 91.4





#61
Tetrachloroethene
Concen: 5.730 ug/l
RT: 10.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

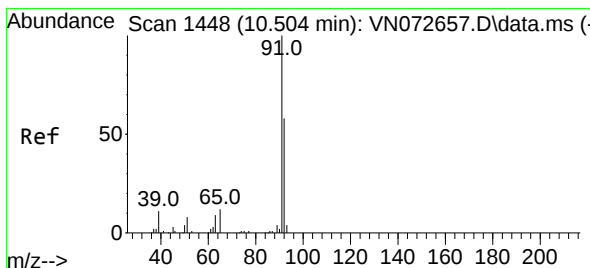
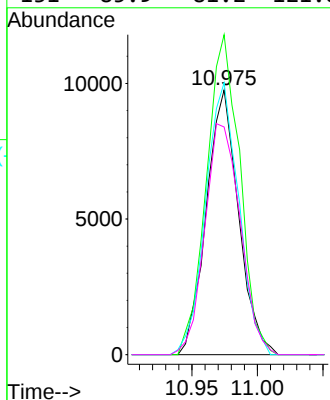
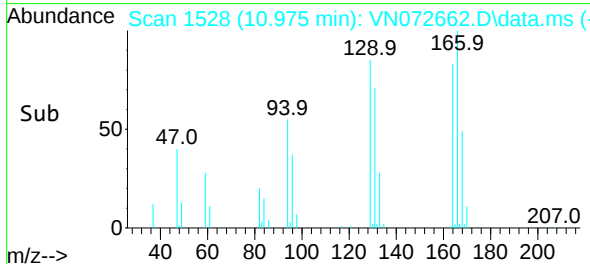
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:164 Resp: 16662
Ion Ratio Lower Upper
164 100
166 120.8 105.8 158.8
129 102.7 82.5 123.7
131 85.9 81.2 121.8

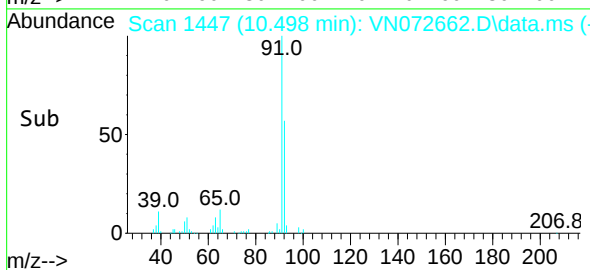
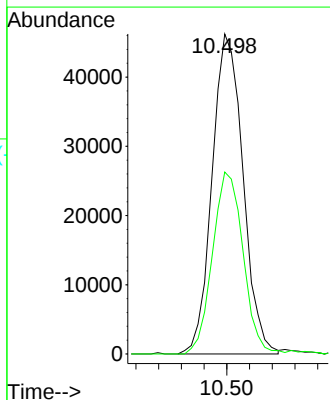
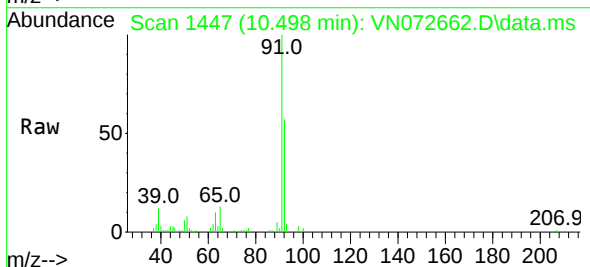
Manual Integrations
APPROVED

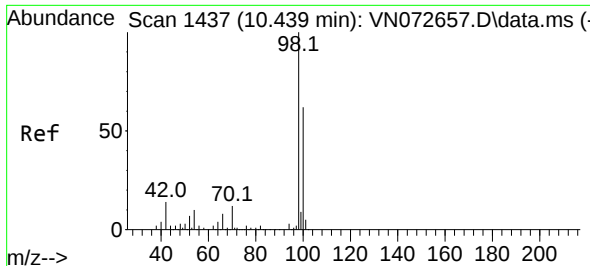
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#62
Toluene
Concen: 5.510 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

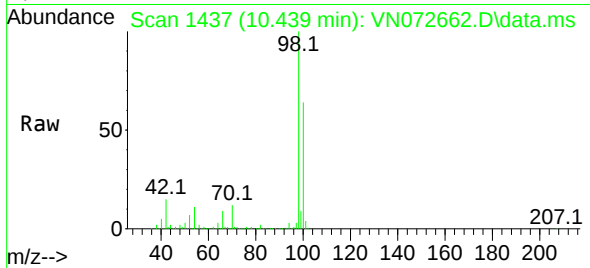
Tgt Ion: 91 Resp: 87295
Ion Ratio Lower Upper
91 100
92 56.2 44.6 67.0





#63
Toluene-d8
Concen: 30.216 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

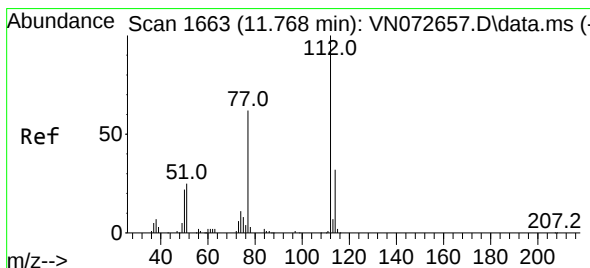
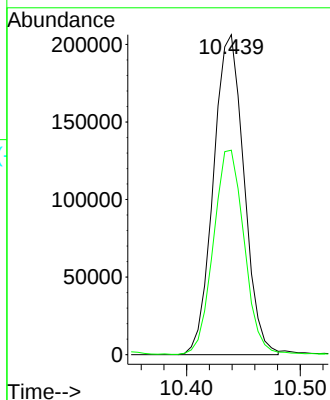
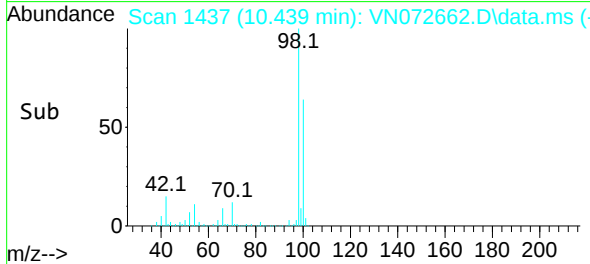
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



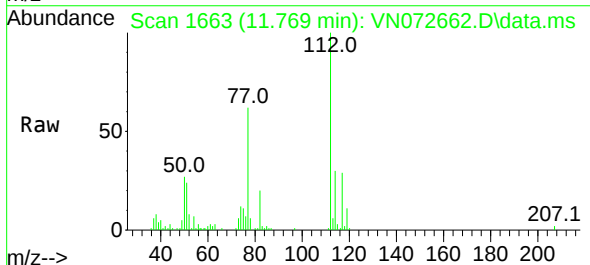
Tgt Ion: 98 Resp: 385840
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

Manual Integrations
APPROVED

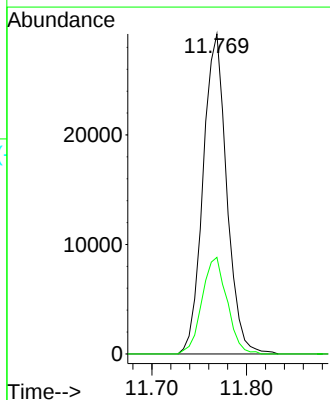
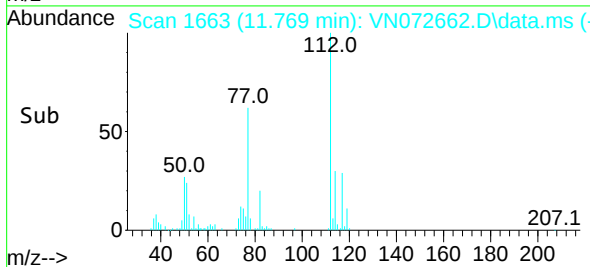
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

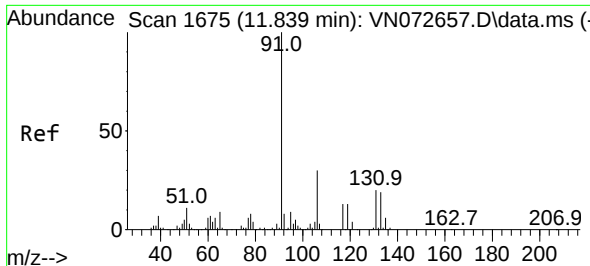


#64
Chlorobenzene
Concen: 5.289 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



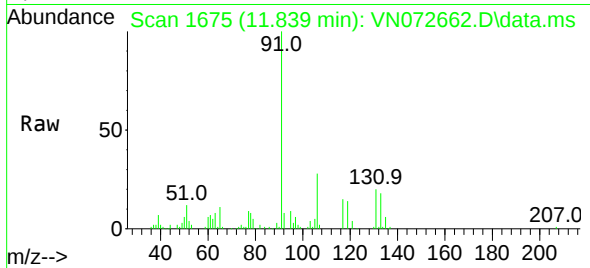
Tgt Ion:112 Resp: 50821
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 4.976 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

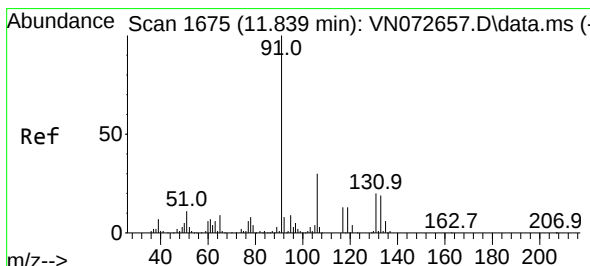
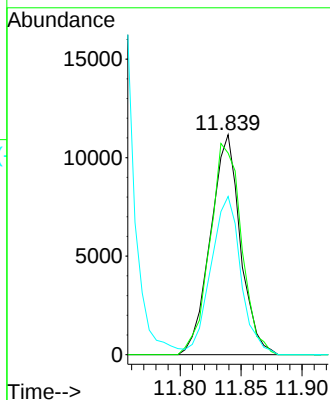
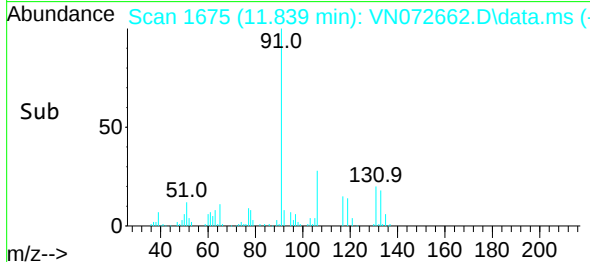
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



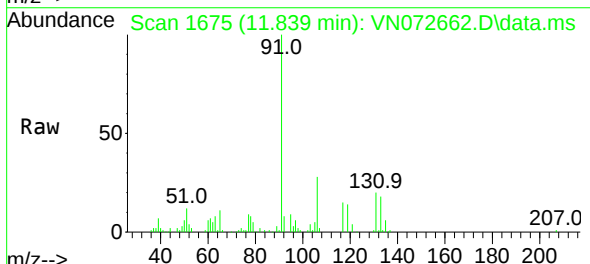
Tgt Ion:131 Resp: 19050
Ion Ratio Lower Upper
131 100
133 101.6 0.0 191.2
119 71.9 0.0 128.8

Manual Integrations
APPROVED

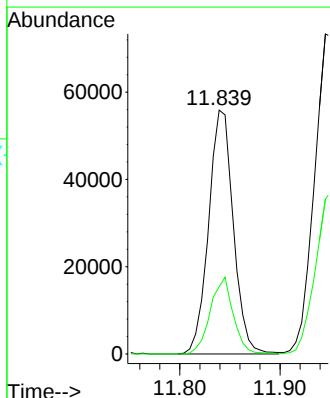
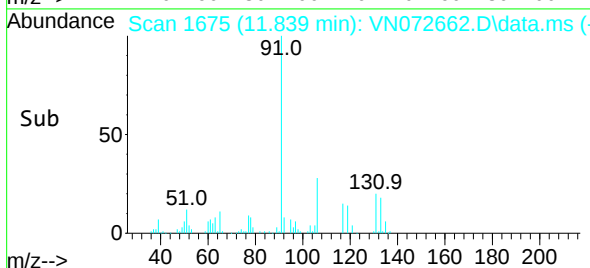
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

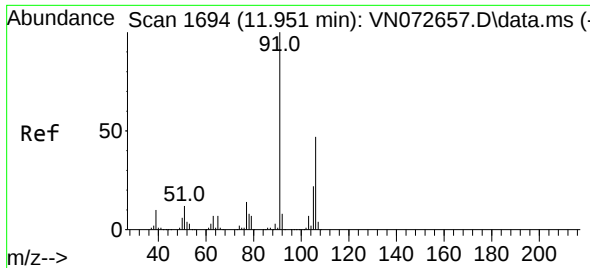


#66
Ethyl Benzene
Concen: 5.258 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



Tgt Ion: 91 Resp: 95771
Ion Ratio Lower Upper
91 100
106 27.6 24.0 36.0





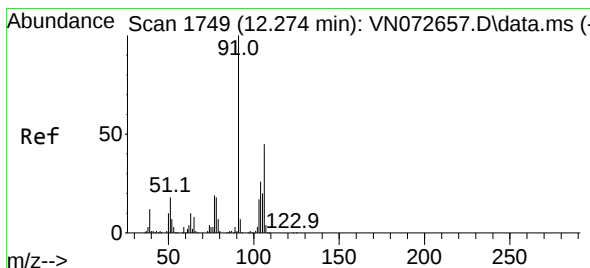
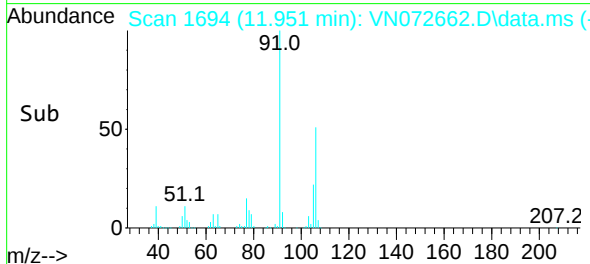
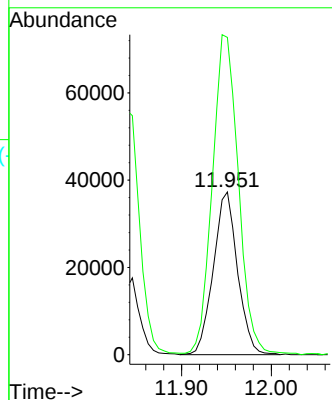
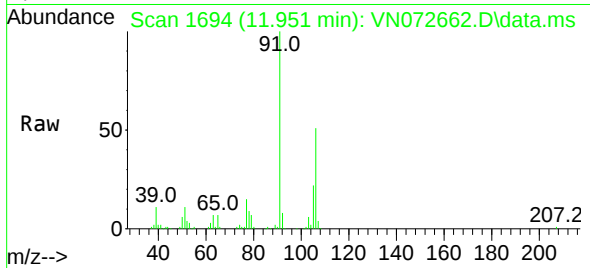
#67
m/p-Xylenes
Concen: 10.523 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 69812
Ion Ratio Lower Upper
106 100
91 212.0 162.9 244.3

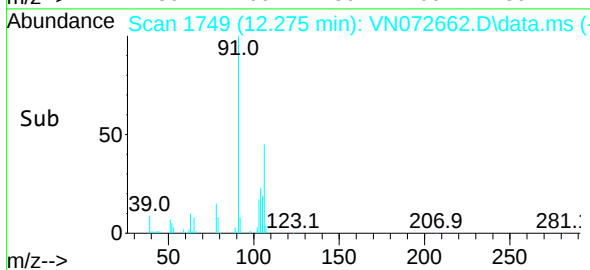
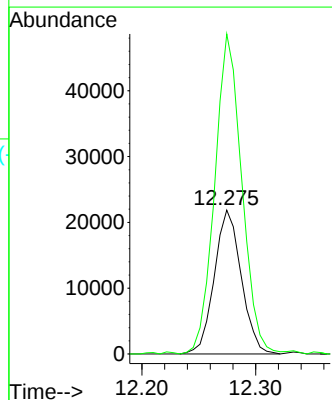
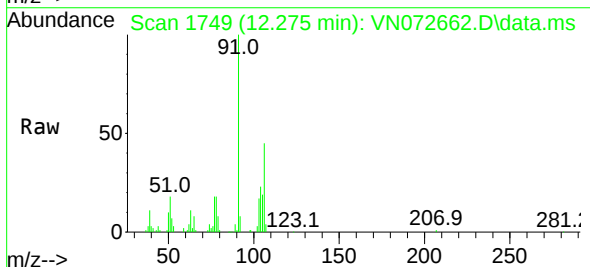
Manual Integrations
APPROVED

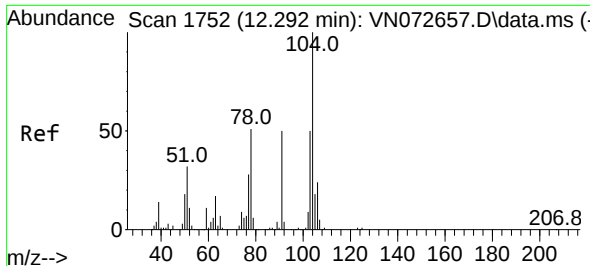
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#68
o-Xylene
Concen: 5.342 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

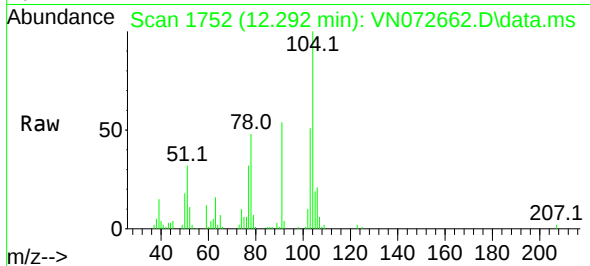
Tgt Ion:106 Resp: 36055
Ion Ratio Lower Upper
106 100
91 223.1 107.7 323.1





#69
Styrene
Concen: 5.041 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

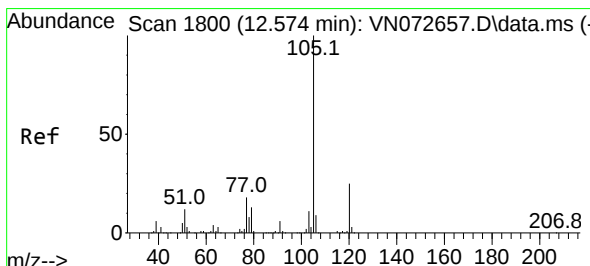
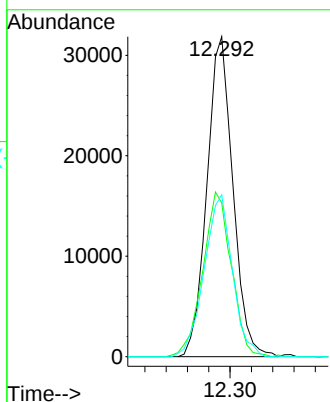
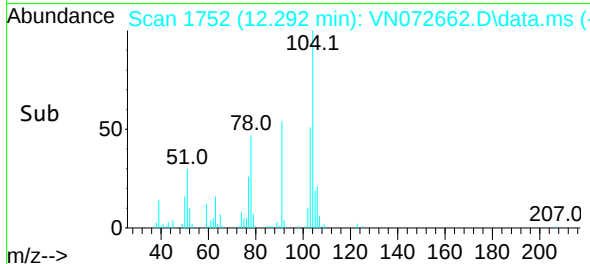
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



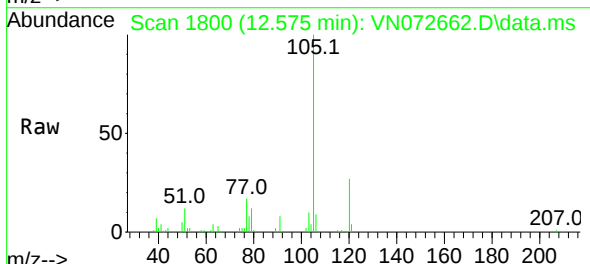
Tgt Ion:104 Resp: 5398
Ion Ratio Lower Upper
104 100
78 56.5 40.7 61.1
103 54.9 45.8 68.8

Manual Integrations
APPROVED

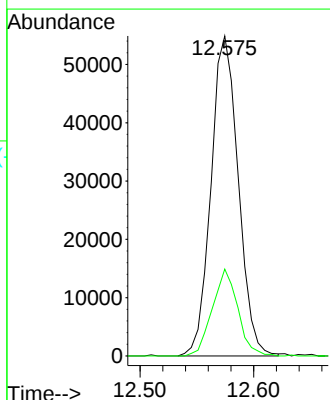
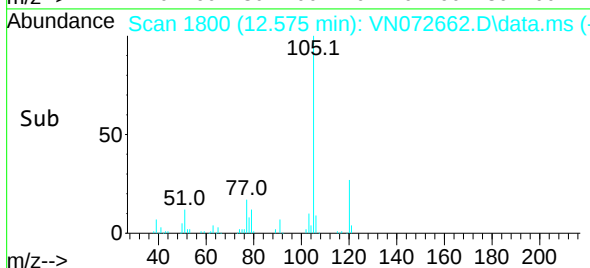
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

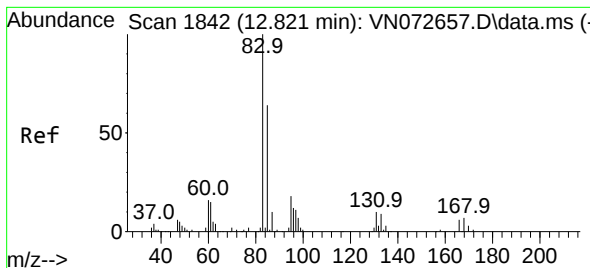


#70
Isopropylbenzene
Concen: 5.172 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



Tgt Ion:105 Resp: 91620
Ion Ratio Lower Upper
105 100
120 25.3 18.3 34.1





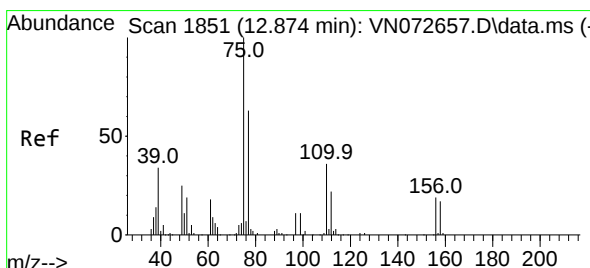
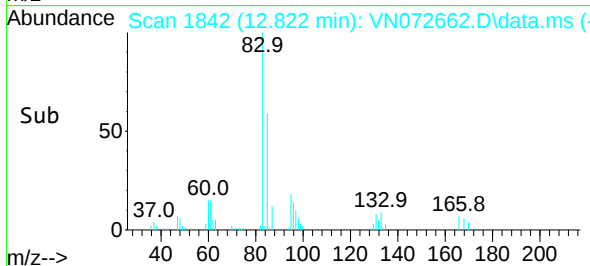
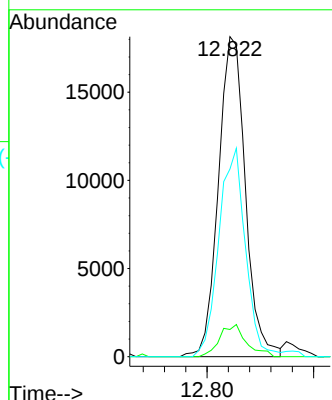
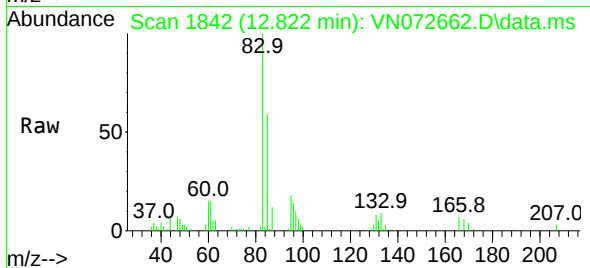
#71
1,1,2,2-Tetrachloroethane
Concen: 5.346 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 3188
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.1 33.1 99.2

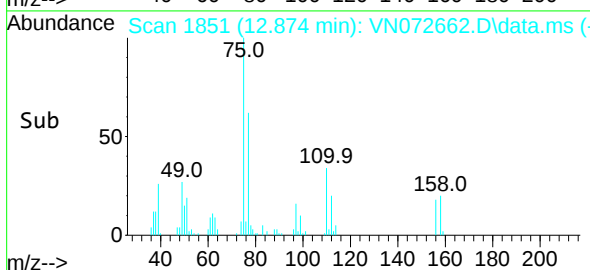
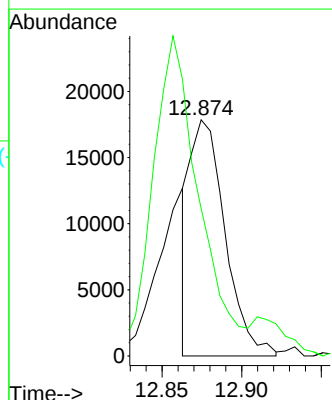
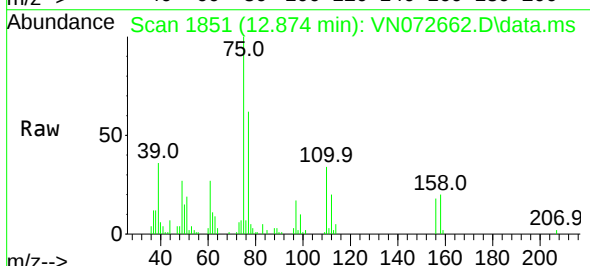
Manual Integrations
APPROVED

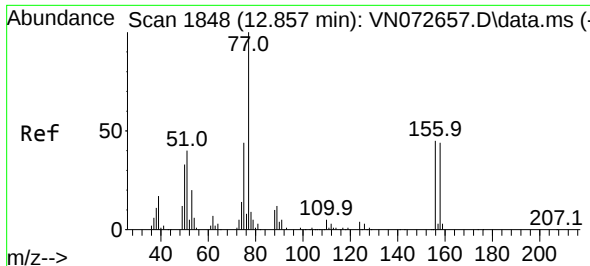
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#72
1,2,3-Trichloropropane
Concen: 5.225 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

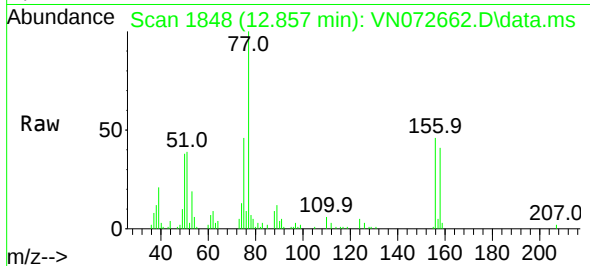
Tgt Ion: 75 Resp: 27280
Ion Ratio Lower Upper
75 100
77 179.4 0.0 378.0





#73
Bromobenzene
Concen: 5.067 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

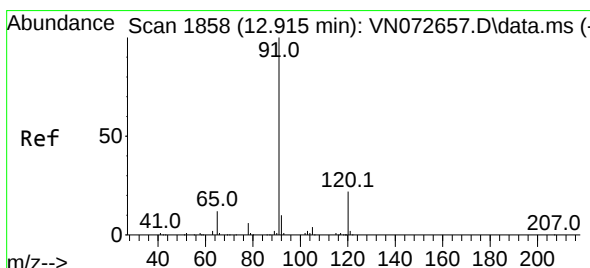
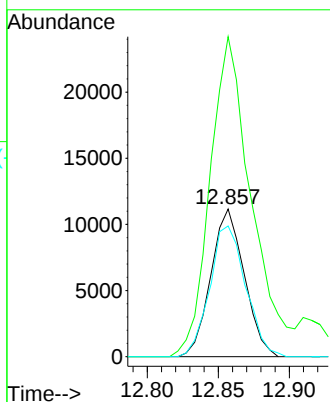
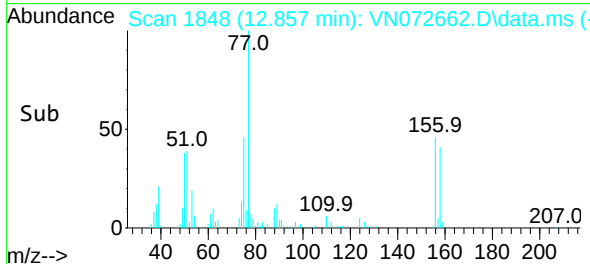
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



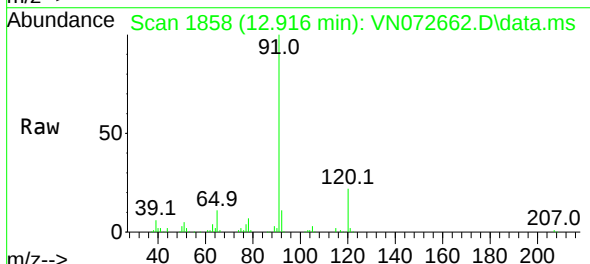
Tgt Ion:156 Resp: 18260
Ion Ratio Lower Upper
156 100
77 268.0 0.0 416.0
158 95.5 0.0 195.4

Manual Integrations
APPROVED

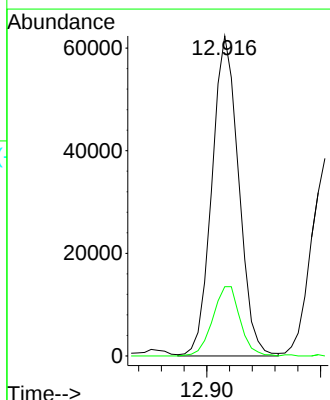
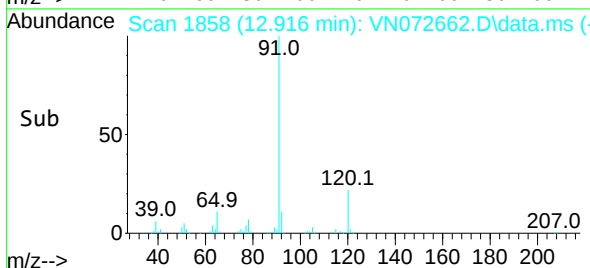
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

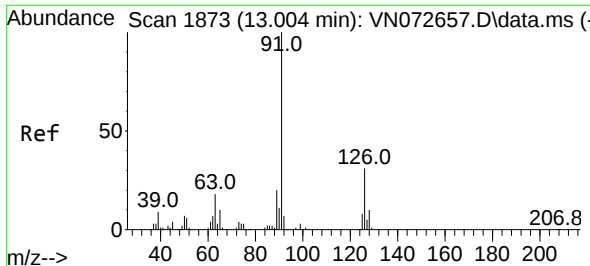


#74
n-propylbenzene
Concen: 5.060 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



Tgt Ion: 91 Resp: 102104
Ion Ratio Lower Upper
91 100
120 22.1 0.0 45.0





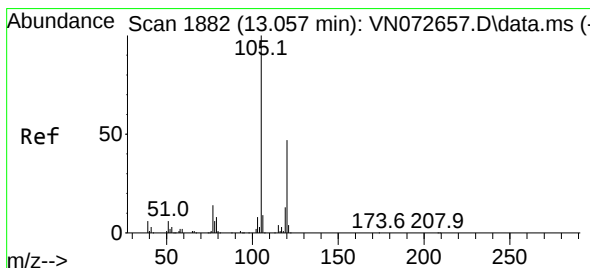
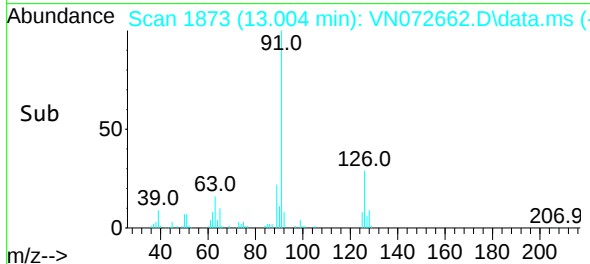
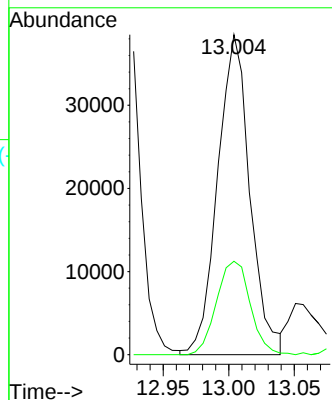
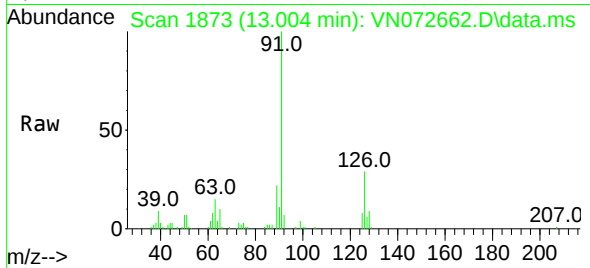
#75
2-Chlorotoluene
Concen: 5.254 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 6588
Ion Ratio Lower Upper
91 100
126 30.5 0.0 69.8

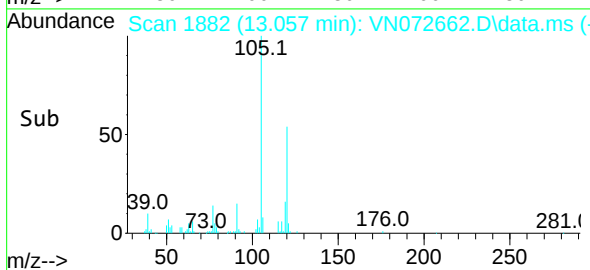
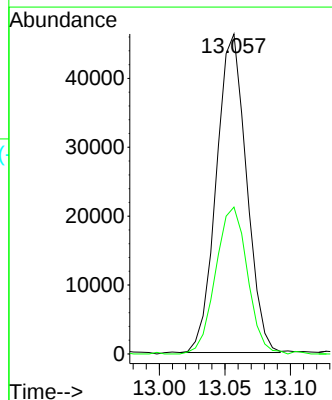
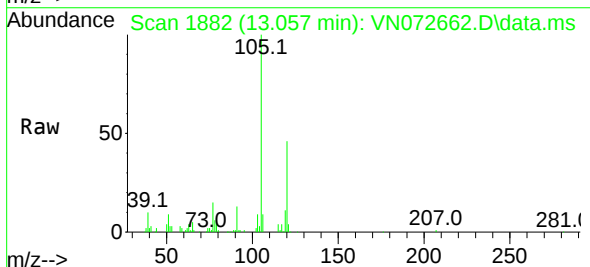
Manual Integrations
APPROVED

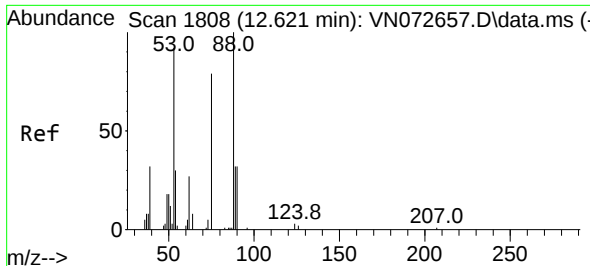
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#76
1,3,5-Trimethylbenzene
Concen: 5.065 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

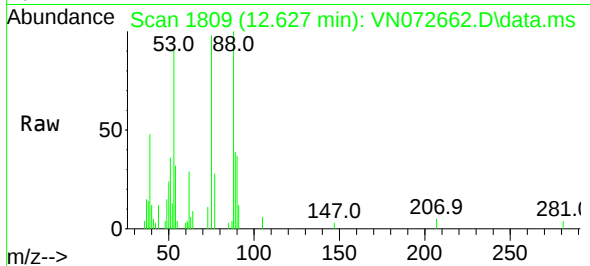
Tgt Ion:105 Resp: 73787
Ion Ratio Lower Upper
105 100
120 48.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.547 ug/l
RT: 12.627 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

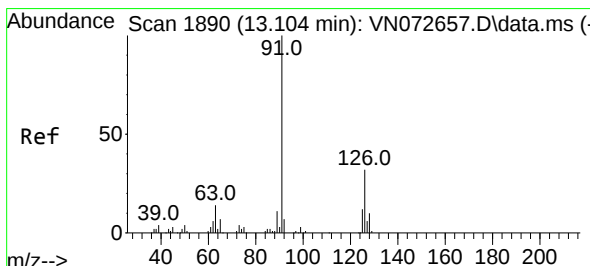
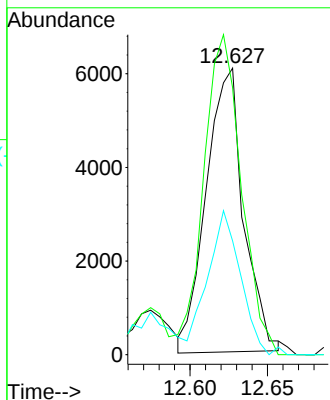
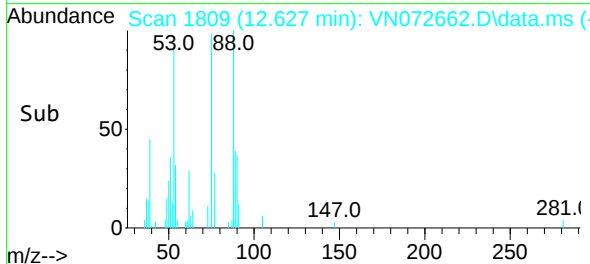
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 1017
Ion Ratio Lower Upper
75 100
53 97.9 51.8 155.5
89 38.9 22.9 68.7

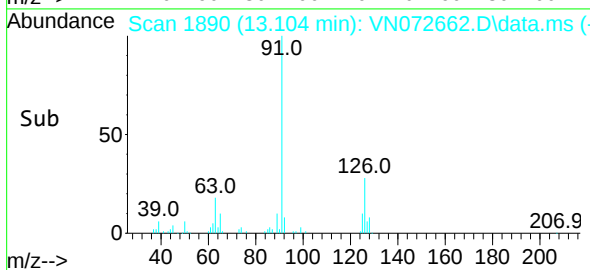
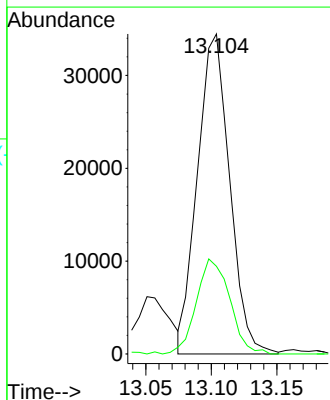
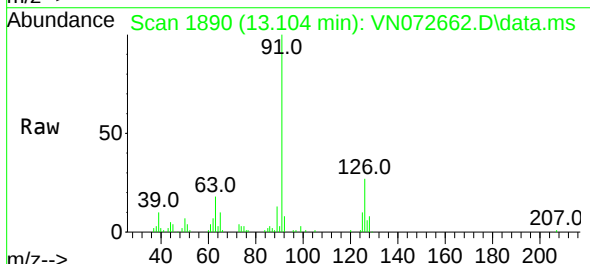
Manual Integrations
APPROVED

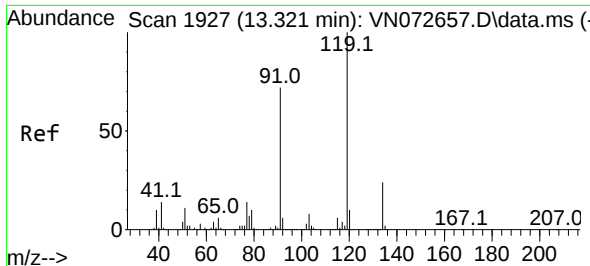
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#78
4-Chlorotoluene
Concen: 4.952 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Tgt Ion: 91 Resp: 58871
Ion Ratio Lower Upper
91 100
126 30.8 0.0 70.6





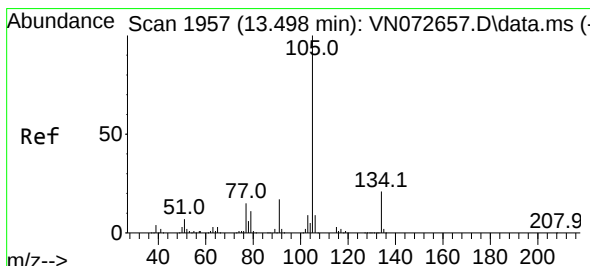
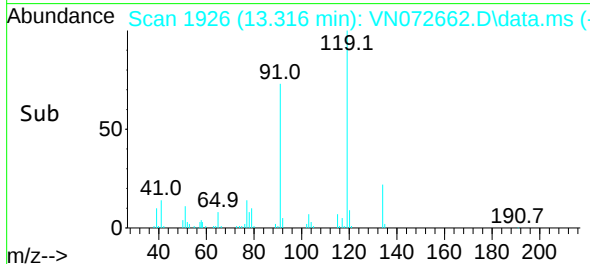
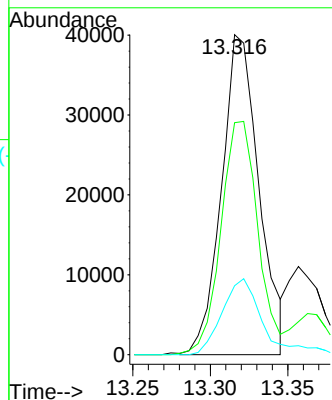
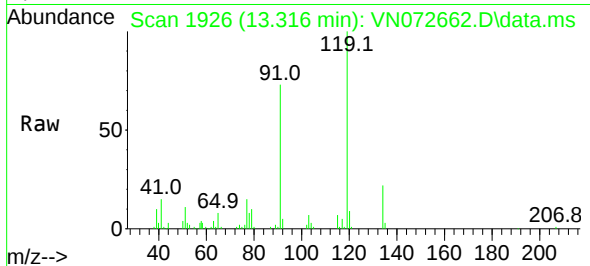
#79
tert-butylbenzene
Concen: 5.244 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 6737
Ion Ratio Lower Upper
119 100
91 71.7 0.0 137.0
134 25.6 0.0 47.6

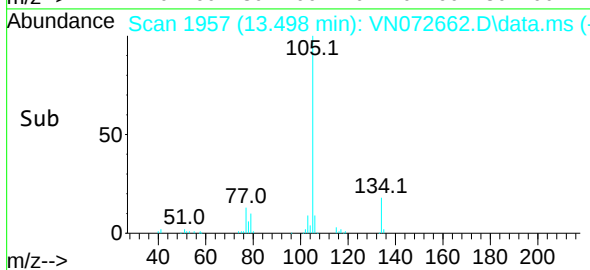
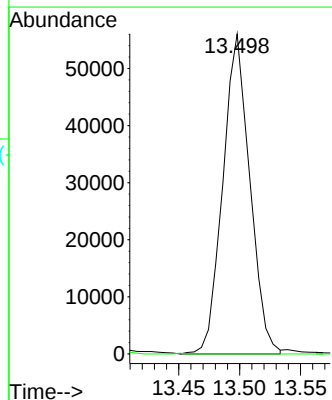
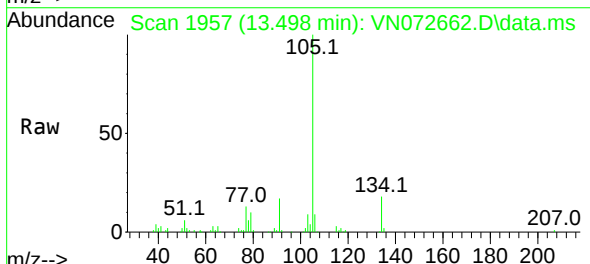
Manual Integrations
APPROVED

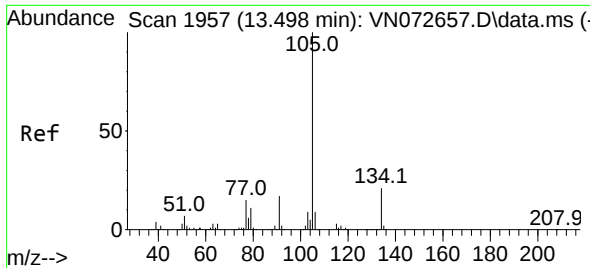
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.902 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

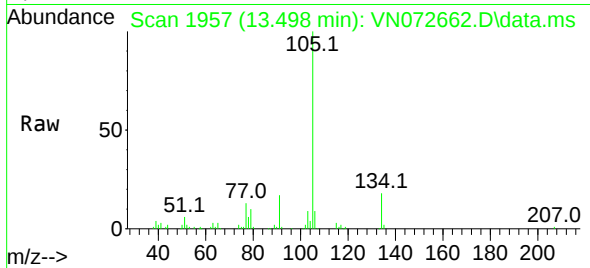
Tgt Ion:105 Resp: 86450
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 4.902 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49

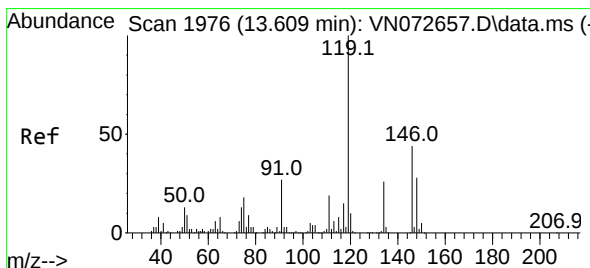
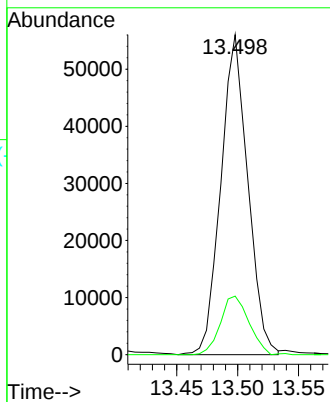
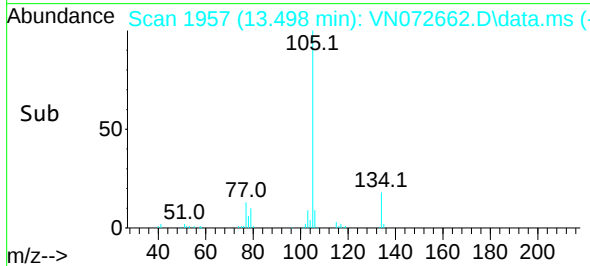
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



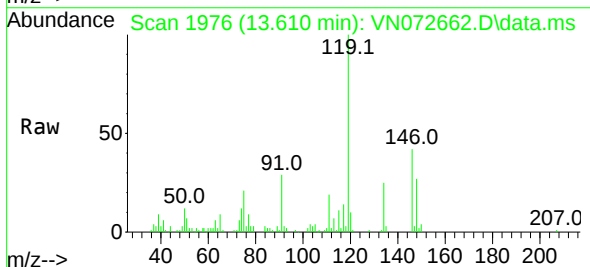
Tgt Ion:105 Resp: 86450
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
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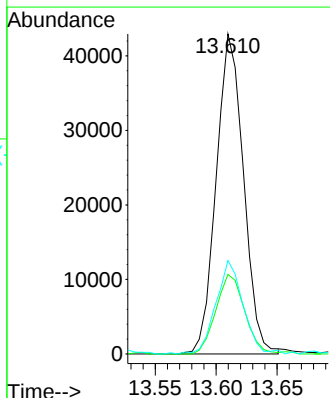
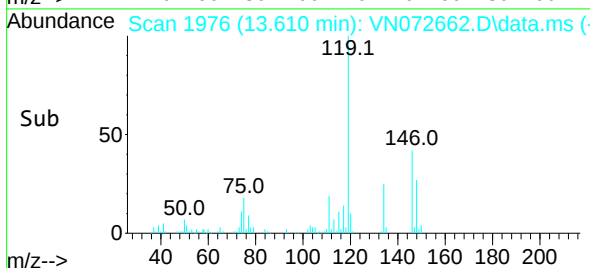
Reviewed By :John Carlone 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

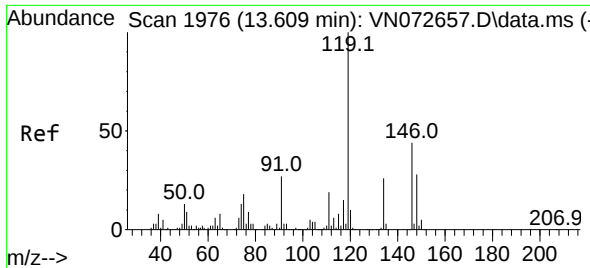


#82
 p-Isopropyltoluene
 Concen: 4.744 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072662.D
 Acq: 06 Jun 2022 13:49



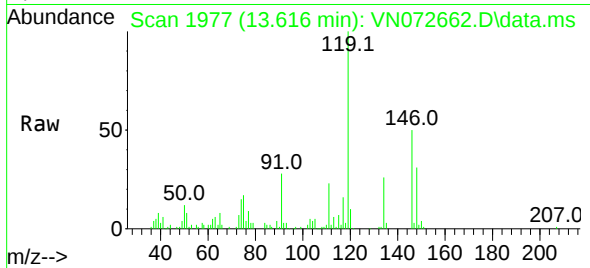
Tgt Ion:119 Resp: 66947
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 28.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 5.247 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

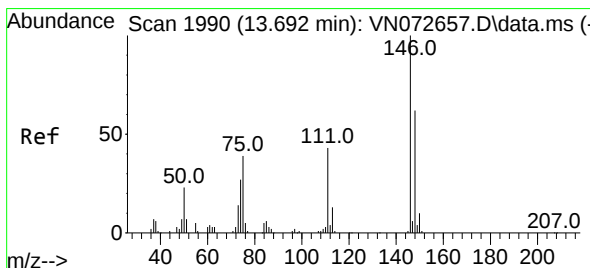
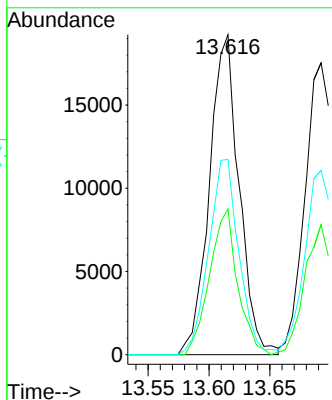
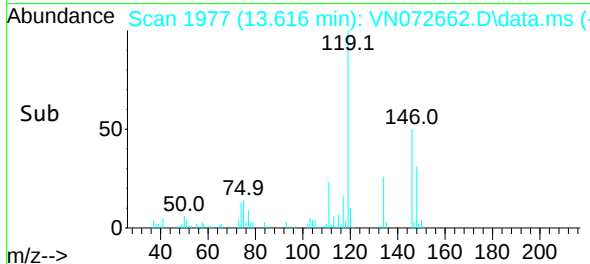
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



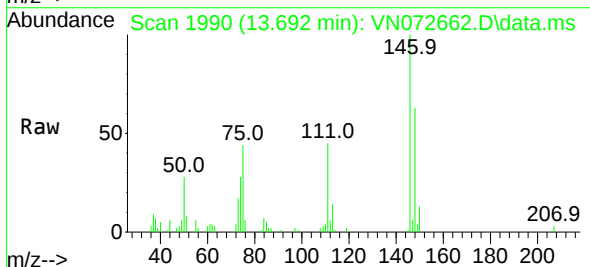
Tgt Ion:146 Resp: 3266
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 62.1 31.4 94.3

Manual Integrations
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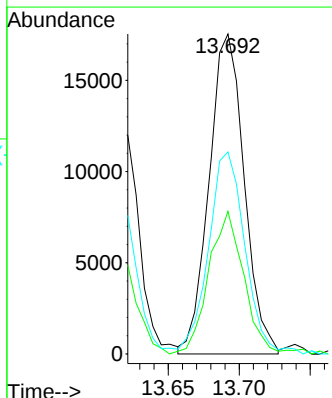
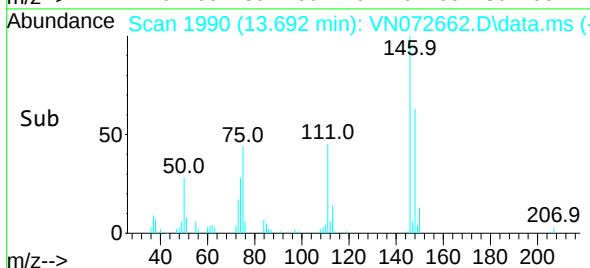
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

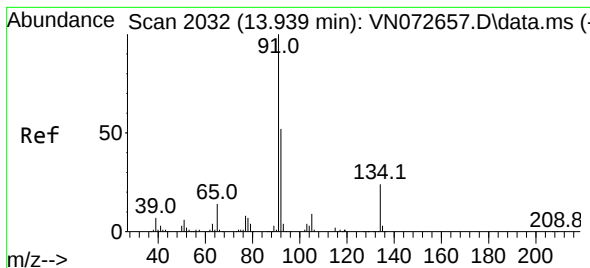


#84
1,4-Dichlorobenzene
Concen: 4.987 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



Tgt Ion:146 Resp: 30184
Ion Ratio Lower Upper
146 100
111 44.1 19.5 58.5
148 64.6 31.1 93.5





#85

n-Butylbenzene

Concen: 4.580 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

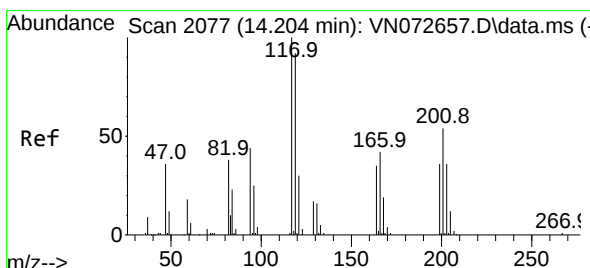
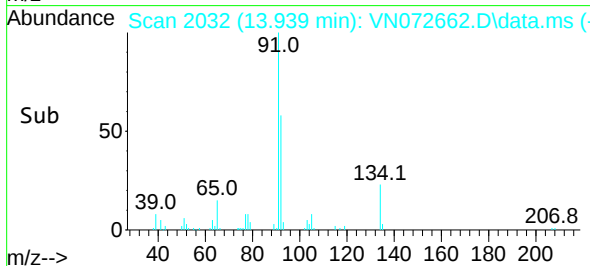
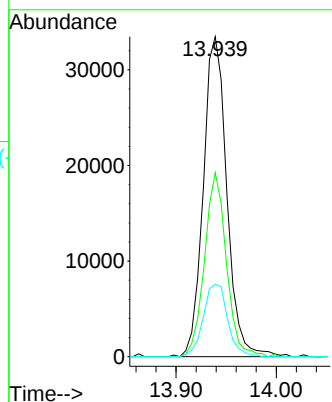
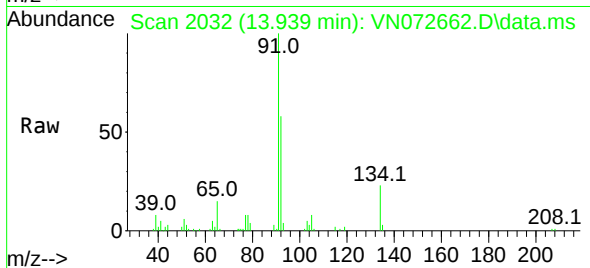
Tgt Ion:	91	Resp:	54614
Ion Ratio	Lower	Upper	
91	100		
92	53.4	0.0	100.6
134	23.6	0.0	50.2

Manual Integrations

APPROVED

Reviewed By :John Carbone 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#86

Hexachloroethane

Concen: 4.828 ug/l

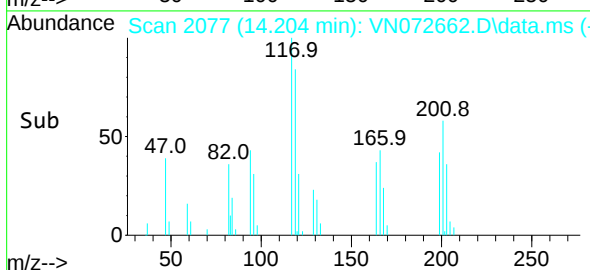
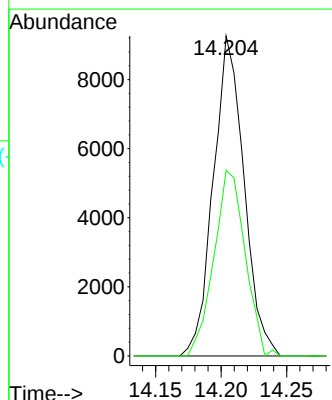
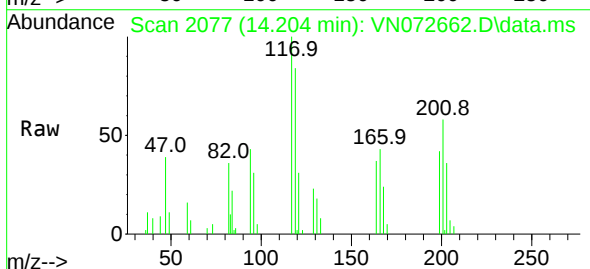
RT: 14.204 min Scan# 2077

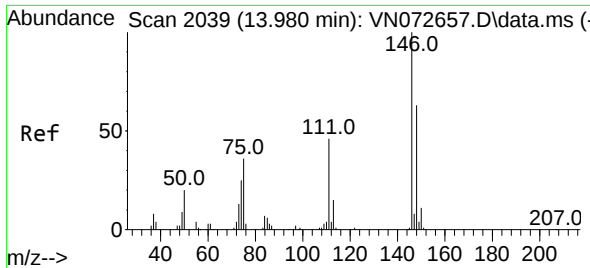
Delta R.T. 0.000 min

Lab File: VN072662.D

Acq: 06 Jun 2022 13:49

Tgt Ion:	117	Resp:	15048
Ion Ratio	Lower	Upper	
117	100		
201	58.7	33.3	99.8





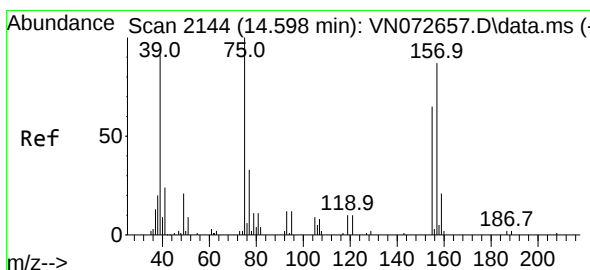
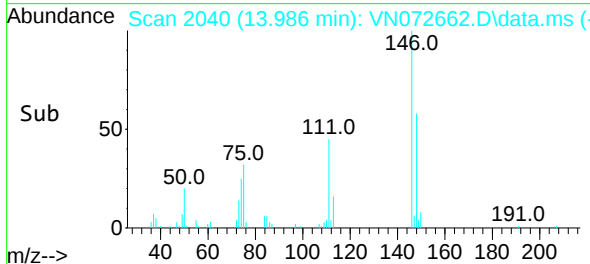
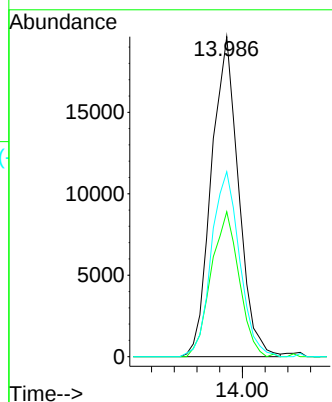
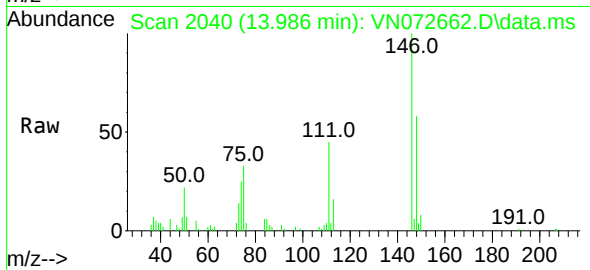
#87
1,2-Dichlorobenzene
Concen: 5.281 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 3262
Ion Ratio Lower Upper
146 100
111 46.4 21.4 64.2
148 59.9 32.5 97.4

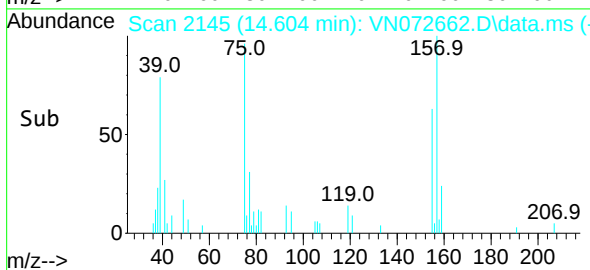
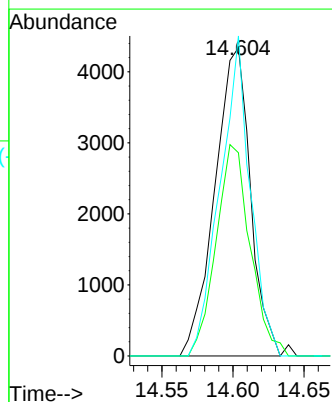
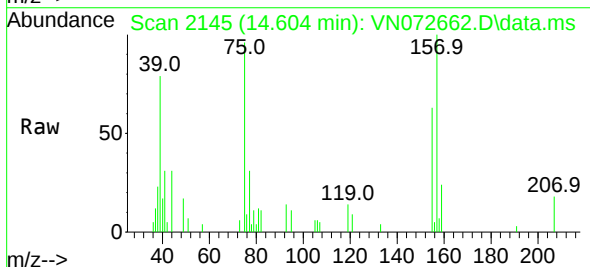
Manual Integrations
APPROVED

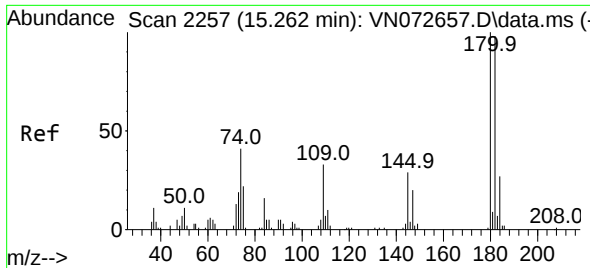
Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.161 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

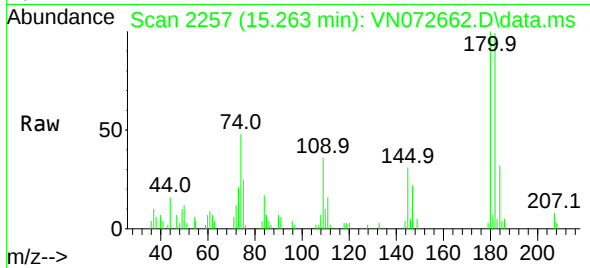
Tgt Ion: 75 Resp: 7570
Ion Ratio Lower Upper
75 100
155 65.7 63.8 95.8
157 87.9 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 5.025 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

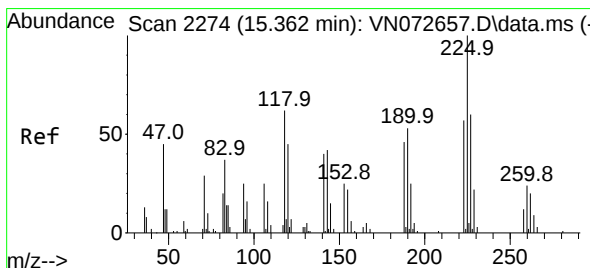
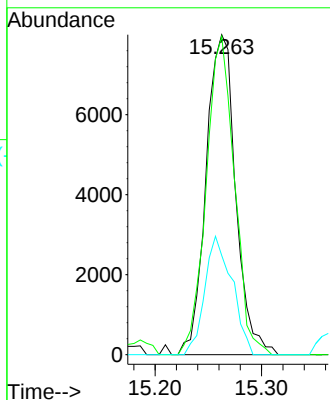
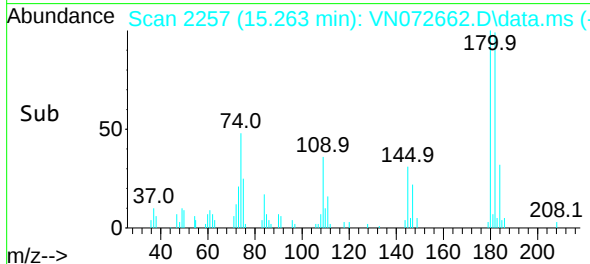
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



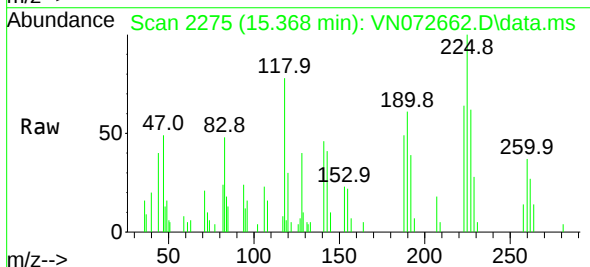
Tgt Ion:180 Resp: 1544
Ion Ratio Lower Upper
180 100
182 94.9 77.7 116.5
145 34.2 26.6 39.8

Manual Integrations
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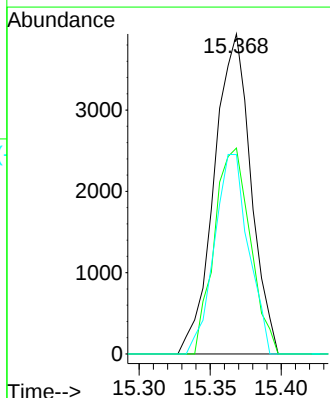
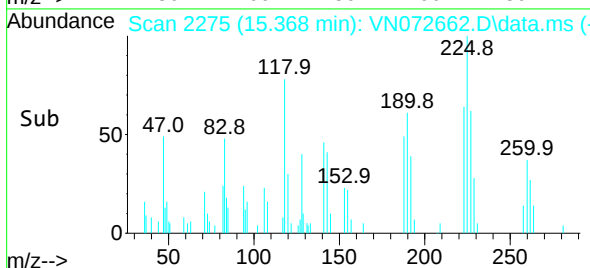
Reviewed By :John Carbone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

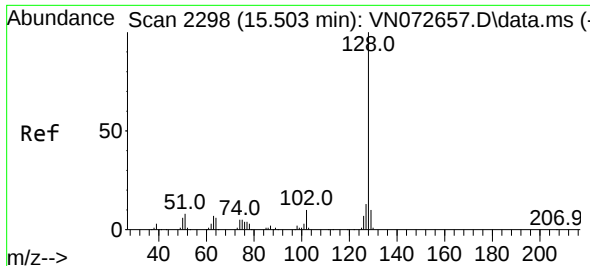


#90
Hexachlorobutadiene
Concen: 4.919 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49



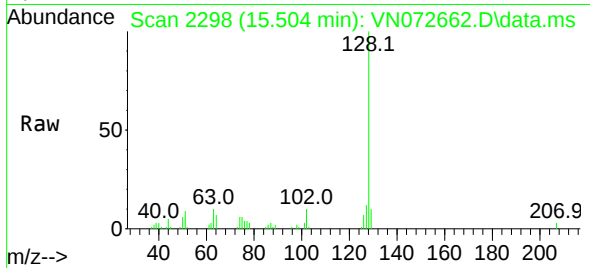
Tgt Ion:225 Resp: 7058
Ion Ratio Lower Upper
225 100
223 63.0 0.0 126.8
227 57.9 0.0 123.0





#91
Naphthalene
Concen: 5.303 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

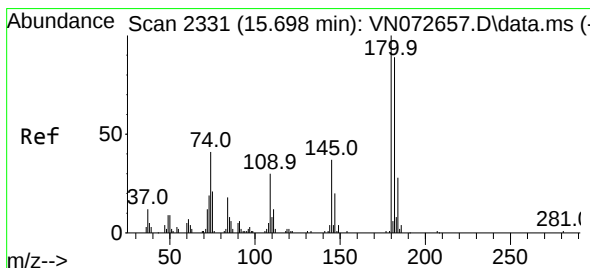
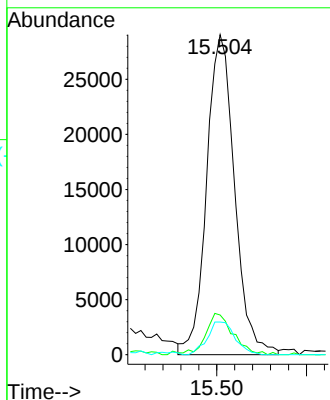
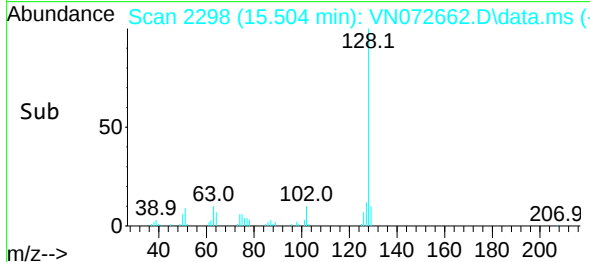
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 62734
Ion Ratio Lower Upper
128 100
127 12.3 10.7 16.1
129 10.2 9.0 13.6

Manual Integrations
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Reviewed By :John Carlone 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#92
1,2,3-Trichlorobenzene
Concen: 5.353 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072662.D
Acq: 06 Jun 2022 13:49

Tgt Ion:180 Resp: 16354
Ion Ratio Lower Upper
180 100
182 94.5 0.0 190.0
145 34.6 0.0 67.8

