

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072887.D
 Acq On : 16 Jun 2022 18:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 17 06:05:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	239801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	381289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	399789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	204818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	238611	53.858	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.720%			
35) Dibromofluoromethane	7.951	113	190814	55.093	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.180%			
50) Toluene-d8	10.375	98	739289	54.532	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.060%			
62) 4-Bromofluorobenzene	12.663	95	272736	57.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	187654	56.149	ug/l	98
3) Chloromethane	2.269	50	201728	52.624	ug/l	99
4) Vinyl Chloride	2.404	62	158465	53.881	ug/l	100
5) Bromomethane	2.787	94	67729	58.931	ug/l	97
6) Chloroethane	2.957	64	92992	53.747	ug/l	97
7) Trichlorofluoromethane	3.310	101	295736	52.983	ug/l	98
8) Diethyl Ether	3.763	74	131513	55.924	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.134	101	174901	55.231	ug/l	98
10) Methyl Iodide	4.346	142	216679	54.293	ug/l	100
11) Tert butyl alcohol	5.293	59	290887	252.169	ug/l	98
12) 1,1-Dichloroethene	4.110	96	175726	52.546	ug/l	96
13) Acrolein	3.975	56	79545	232.627	ug/l	98
14) Allyl chloride	4.757	41	351306	51.824	ug/l	95
15) Acrylonitrile	5.469	53	678024	270.856	ug/l	99
16) Acetone	4.222	43	573323	256.380	ug/l	94
17) Carbon Disulfide	4.451	76	457605	50.560	ug/l	99
18) Methyl Acetate	4.775	43	312499	49.021	ug/l	93
19) Methyl tert-butyl Ether	5.534	73	664988	54.351	ug/l	99
20) Methylene Chloride	5.004	84	217320	54.333	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	186351	52.669	ug/l	99
22) Diisopropyl ether	6.410	45	685113	54.670	ug/l	97
23) Vinyl Acetate	6.345	43	3159952	277.425	ug/l	96
24) 1,1-Dichloroethane	6.304	63	357676	54.513	ug/l	99
25) 2-Butanone	7.257	43	945367	265.430	ug/l	94
26) 2,2-Dichloropropane	7.245	77	311406	52.540	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	225598	52.601	ug/l	99
28) Bromochloromethane	7.581	49	154018	54.783	ug/l	92
29) Tetrahydrofuran	7.610	42	621268	263.114	ug/l	91
30) Chloroform	7.745	83	363055	53.621	ug/l	98
31) Cyclohexane	8.016	56	308033	51.859	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	320124	53.392	ug/l	99
36) 1,1-Dichloropropene	8.145	75	257796	54.501	ug/l	99
37) Ethyl Acetate	7.334	43	380143	55.531	ug/l	96
38) Carbon Tetrachloride	8.128	117	268233	52.670	ug/l	99
39) Methylcyclohexane	9.392	83	330691	56.328	ug/l	97
40) Benzene	8.386	78	816881	54.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	199633	56.017	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	292952	53.908	ug/l	99
43) Isopropyl Acetate	8.492	43	582689	54.690	ug/l	95
44) Trichloroethene	9.145	130	211540	52.500	ug/l	95
45) 1,2-Dichloropropane	9.422	63	207291	54.509	ug/l	99
46) Dibromomethane	9.510	93	143835	54.503	ug/l	97
47) Bromodichloromethane	9.692	83	293062	54.823	ug/l	98
48) Methyl methacrylate	9.492	41	264613	54.374	ug/l	95
49) 1,4-Dioxane	9.498	88	110243	1069.452	ug/l #	95
51) 4-Methyl-2-Pentanone	10.263	43	1846295	267.882	ug/l	93
52) Toluene	10.439	92	522852	53.609	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	332479	54.589	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	349449	55.263	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	217523	55.244	ug/l	98
56) Ethyl methacrylate	10.698	69	368125	55.053	ug/l	90
57) 1,3-Dichloropropane	10.980	76	364041	54.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	692737	293.080	ug/l	99
59) 2-Hexanone	11.022	43	1419332	277.331	ug/l	92
60) Dibromochloromethane	11.169	129	231216	54.731	ug/l	99
61) 1,2-Dibromoethane	11.280	107	231154	53.941	ug/l	99
64) Tetrachloroethene	10.910	164	198251	51.649	ug/l	97
65) Chlorobenzene	11.704	112	562923	53.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.774	131	211066	51.825	ug/l	99
67) Ethyl Benzene	11.780	91	1003899	53.924	ug/l	99
68) m/p-Xylenes	11.886	106	773948	108.272	ug/l	98
69) o-Xylene	12.216	106	386027	52.636	ug/l	99
70) Styrene	12.227	104	622396	54.827	ug/l	99
71) Bromoform	12.392	173	178010	54.094	ug/l #	99
73) Isopropylbenzene	12.516	105	998552	51.122	ug/l	100
74) N-amyl acetate	12.321	43	460056	54.778	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	328041	51.364	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	247960m	40.729	ug/l	
77) Bromobenzene	12.792	156	233727	51.202	ug/l	93
78) n-propylbenzene	12.851	91	1111241	54.551	ug/l	99
79) 2-Chlorotoluene	12.939	91	692216	52.301	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	806316	51.512	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	115638	54.100	ug/l	100
82) 4-Chlorotoluene	13.039	91	652488	53.322	ug/l	98
83) tert-Butylbenzene	13.257	119	708924	50.599	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	797834	53.017	ug/l	99
85) sec-Butylbenzene	13.433	105	991237	54.572	ug/l	100
86) p-Isopropyltoluene	13.551	119	798698	54.481	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	388165	52.182	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	383349	51.105	ug/l	97
89) n-Butylbenzene	13.874	91	650634	57.741	ug/l	99
90) Hexachloroethane	14.145	117	158680	50.064	ug/l	91
91) 1,2-Dichlorobenzene	13.921	146	392776	52.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.533	75	71376	53.216	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	202641	53.920	ug/l	98
94) Hexachlorobutadiene	15.292	225	96939	52.110	ug/l	97
95) Naphthalene	15.427	128	701971	54.095	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	205571	55.082	ug/l	99

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VSTDCCC050

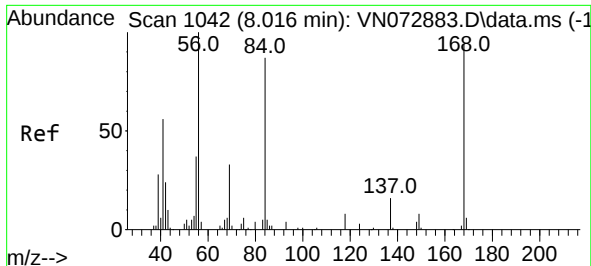
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
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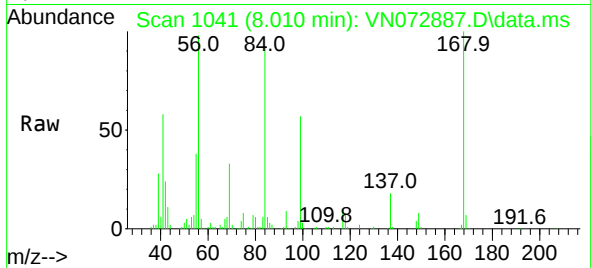
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
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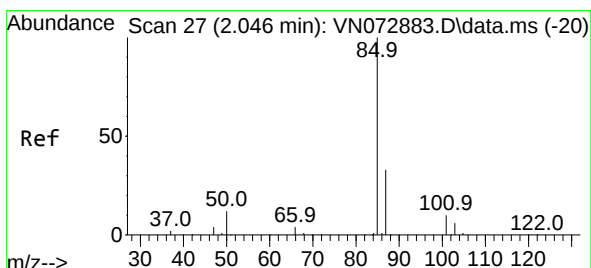
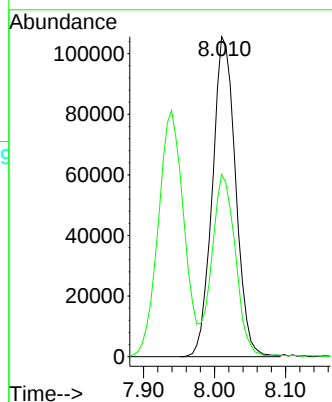
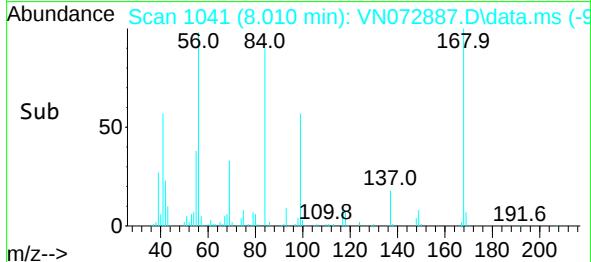
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 23980
Ion Ratio Lower Upper
168 100
99 56.6 42.3 63.5

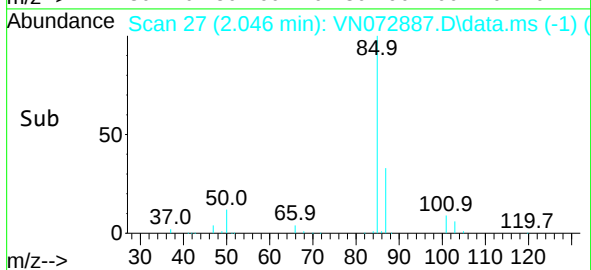
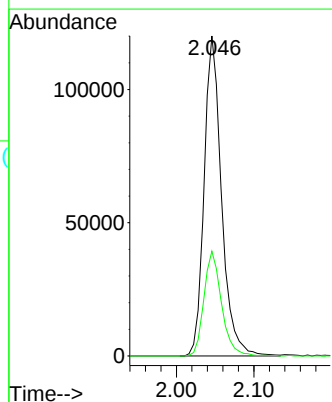
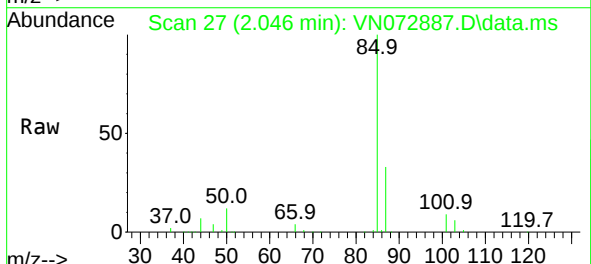
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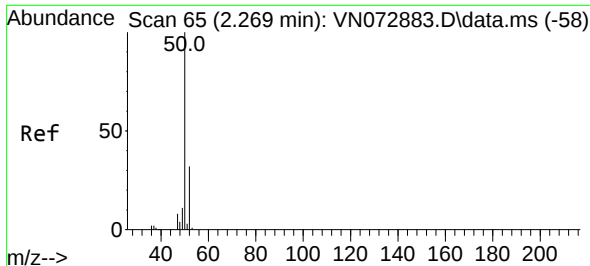
Reviewed By :John Carlone 06/20/2022
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#2
Dichlorodifluoromethane
Concen: 56.149 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

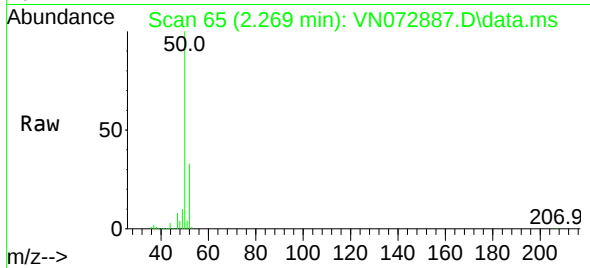
Tgt Ion: 85 Resp: 187654
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





#3
Chloromethane
Concen: 52.624 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

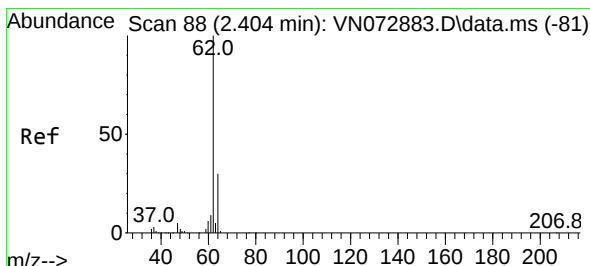
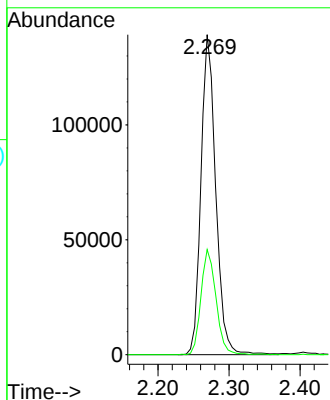
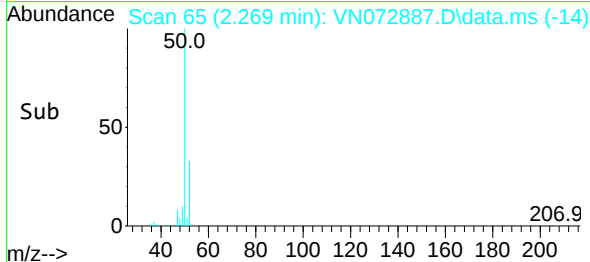
Instrument :
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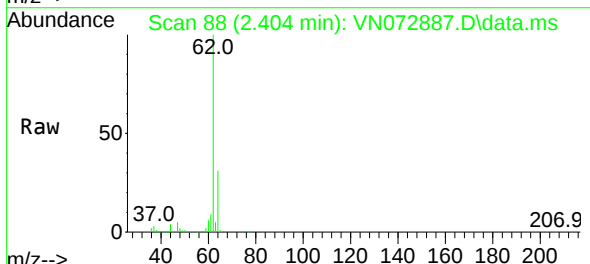
Tgt Ion: 50 Resp: 201728
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

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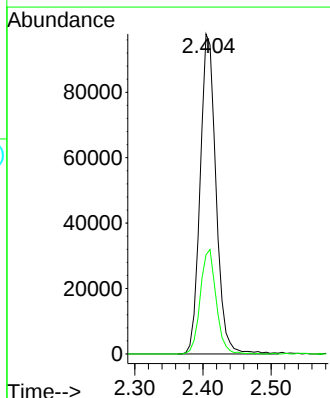
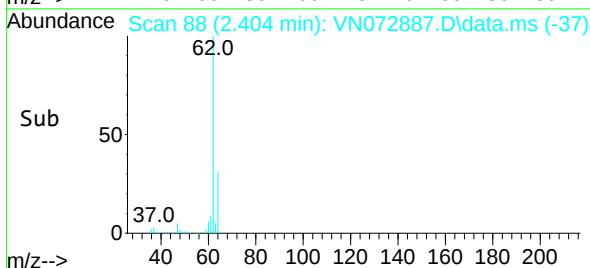
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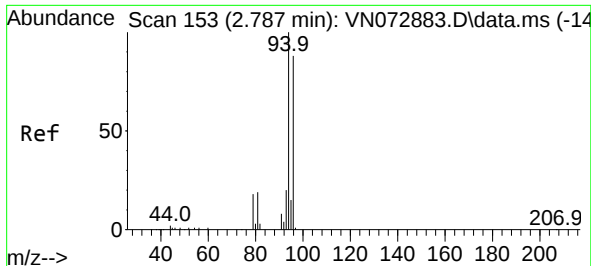


#4
Vinyl Chloride
Concen: 53.881 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



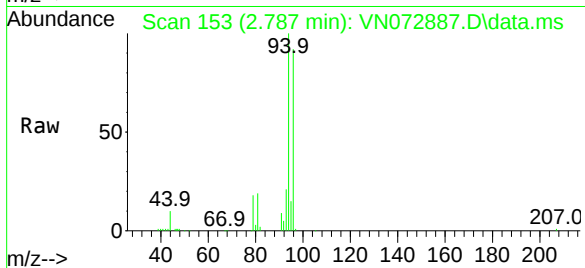
Tgt Ion: 62 Resp: 158465
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.4





#5
Bromomethane
Concen: 58.931 ug/l
RT: 2.787 min Scan# 153
Delta R.T. -0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

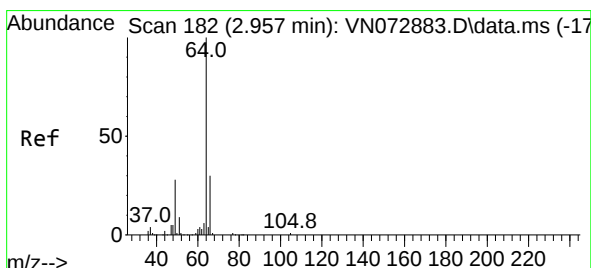
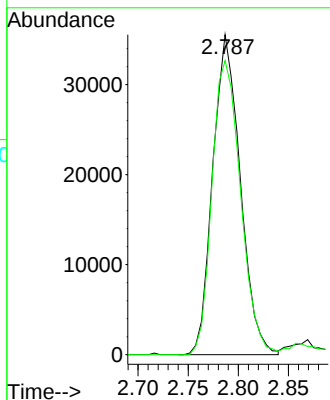
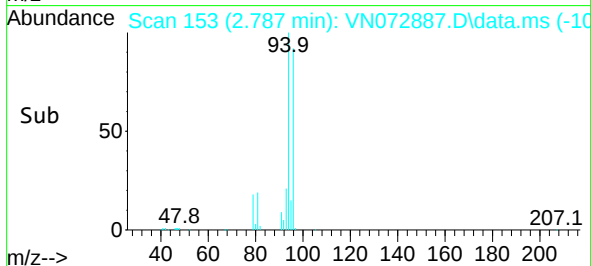
Instrument :
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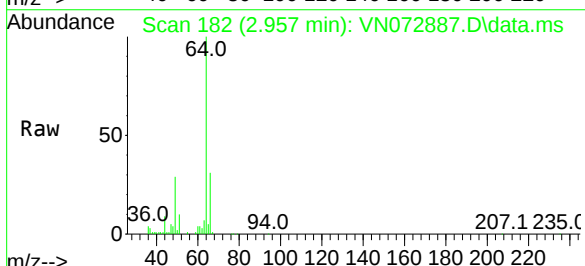
Tgt Ion: 94 Resp: 67729
Ion Ratio Lower Upper
94 100
96 91.9 76.0 114.0

Manual Integrations
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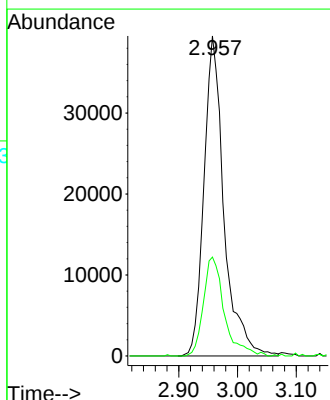
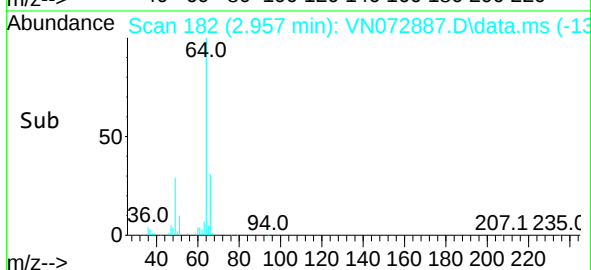
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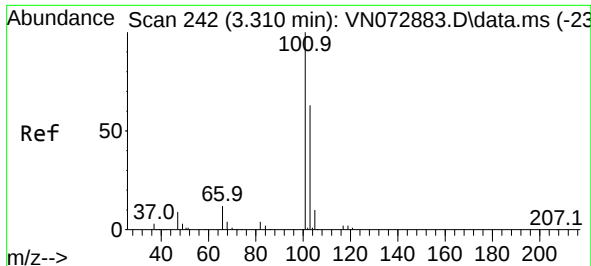


#6
Chloroethane
Concen: 53.747 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN072887.D
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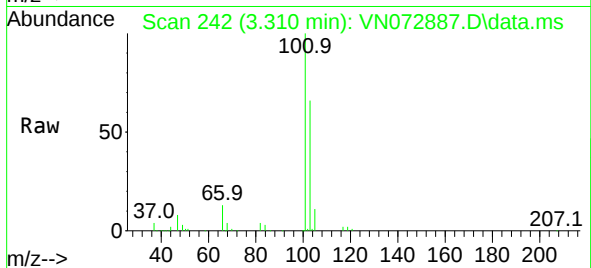
Tgt Ion: 64 Resp: 92992
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 52.983 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

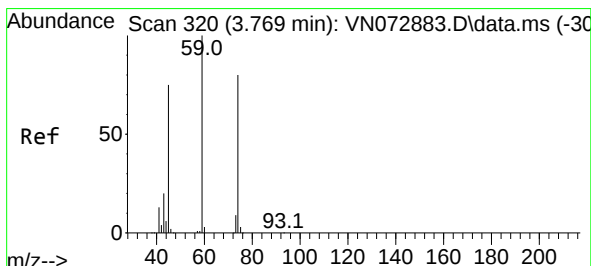
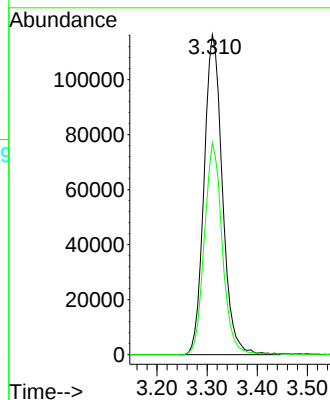
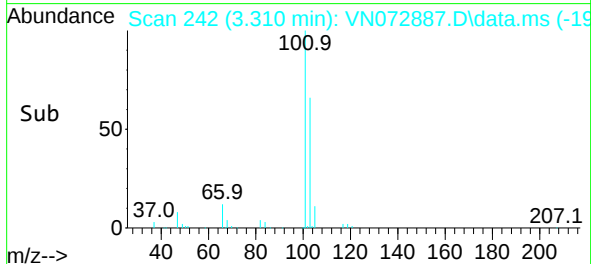
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 295730
Ion Ratio Lower Upper
101 100
103 66.2 51.5 77.3

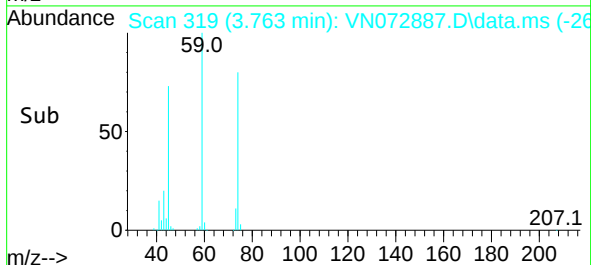
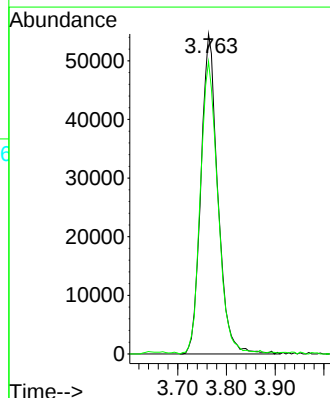
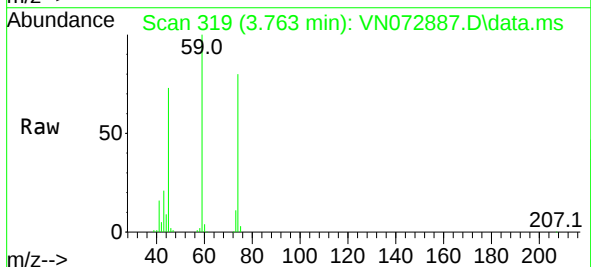
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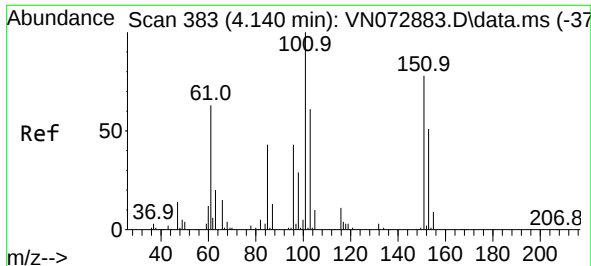
Reviewed By :John Carlone 06/20/2022
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#8
Diethyl Ether
Concen: 55.924 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.006 min
Lab File: VN072887.D
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Tgt Ion: 74 Resp: 131513
Ion Ratio Lower Upper
74 100
45 94.9 42.9 128.5





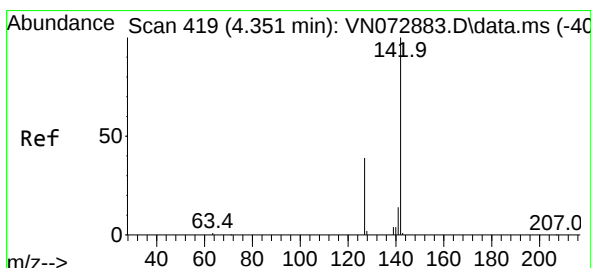
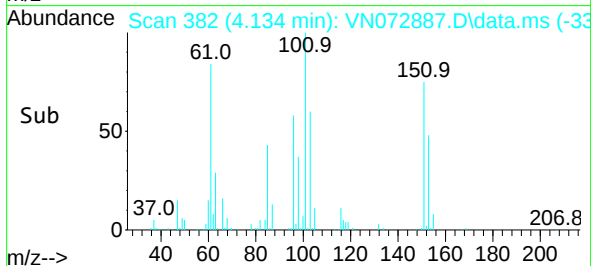
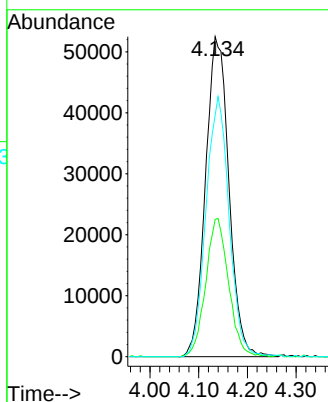
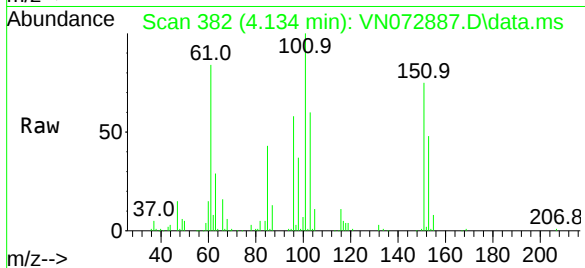
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.231 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17490
Ion Ratio Lower Upper
101 100
85 42.3 34.7 52.1
151 80.6 63.0 94.4

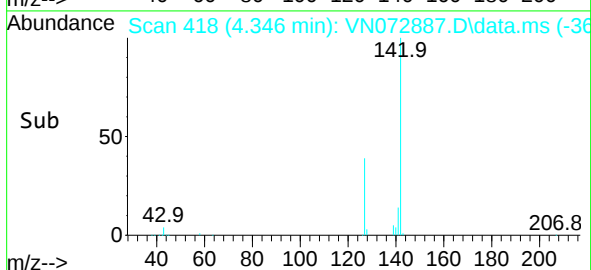
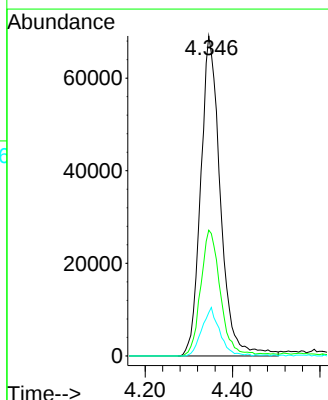
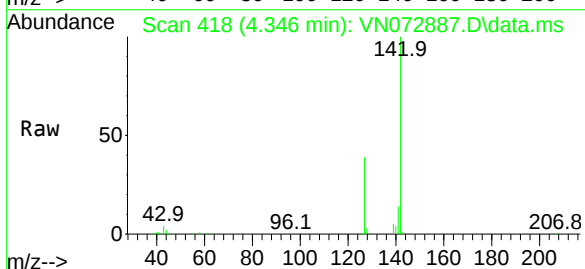
Manual Integrations
APPROVED

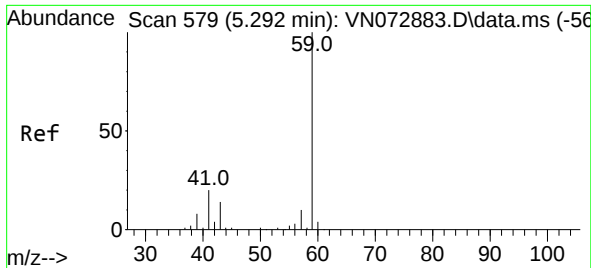
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 54.293 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

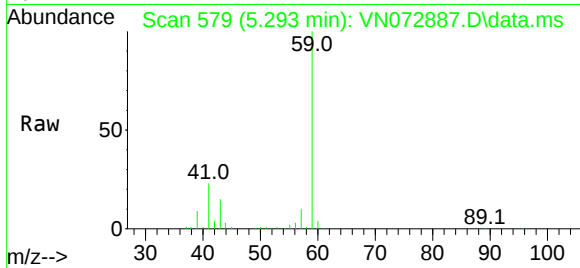
Tgt Ion:142 Resp: 216679
Ion Ratio Lower Upper
142 100
127 39.2 31.3 46.9
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 252.169 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

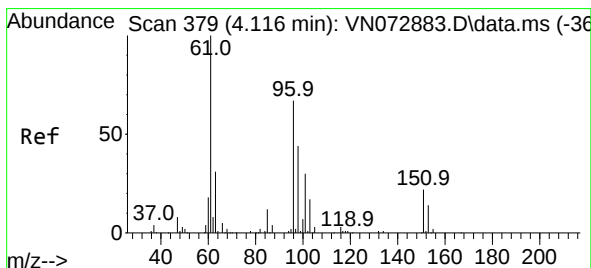
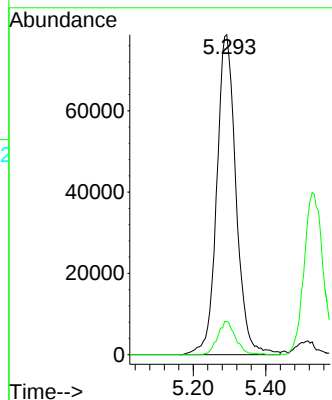
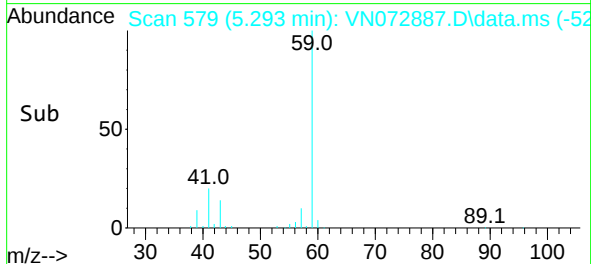
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 29088
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

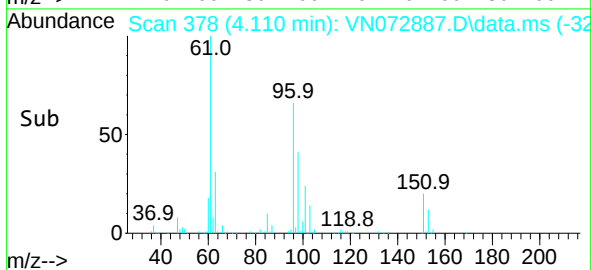
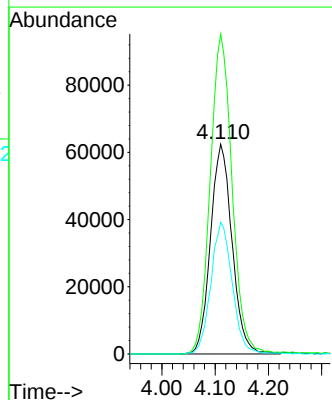
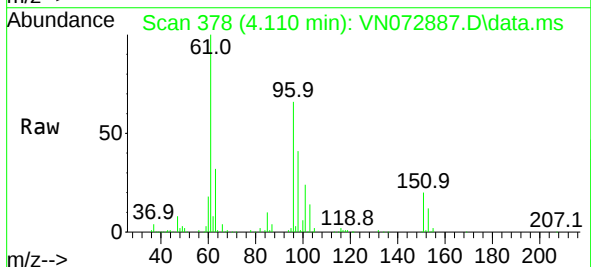
Manual Integrations
APPROVED

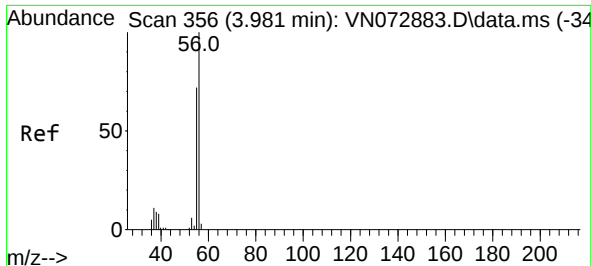
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#12
1,1-Dichloroethene
Concen: 52.546 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

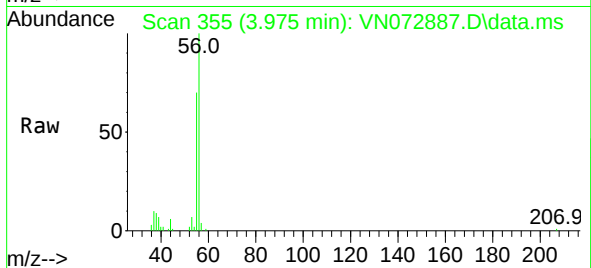
Tgt Ion: 96 Resp: 175726
Ion Ratio Lower Upper
96 100
61 152.5 127.6 191.4
98 62.7 51.2 76.8





#13
Acrolein
Concen: 232.627 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

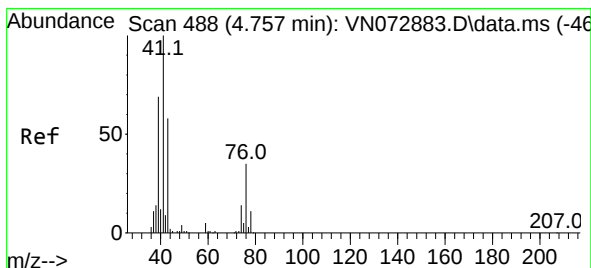
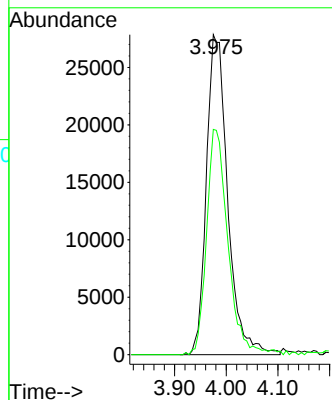
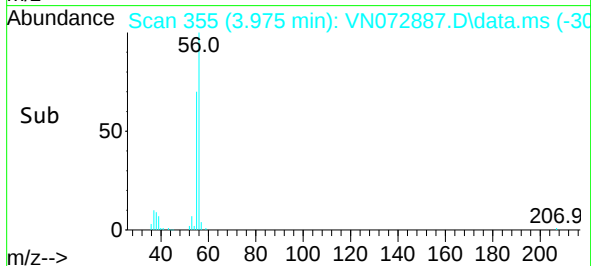
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7954
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

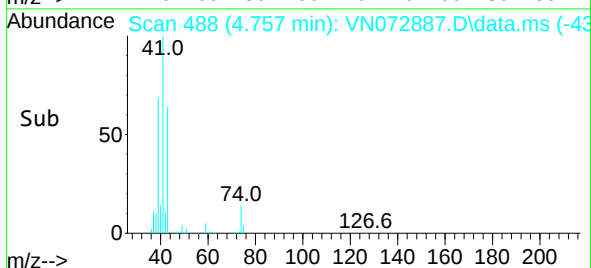
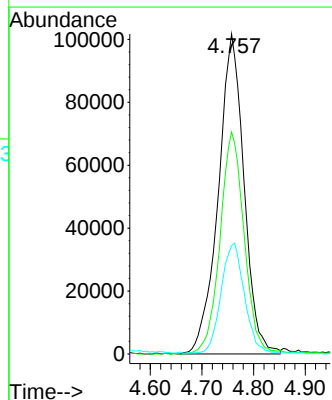
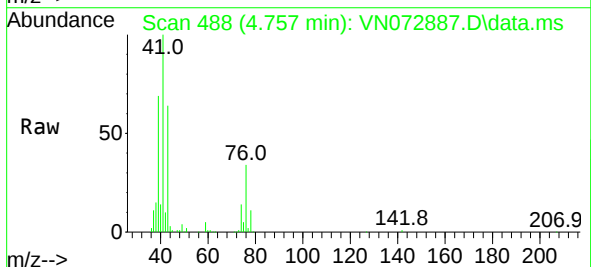
Manual Integrations
APPROVED

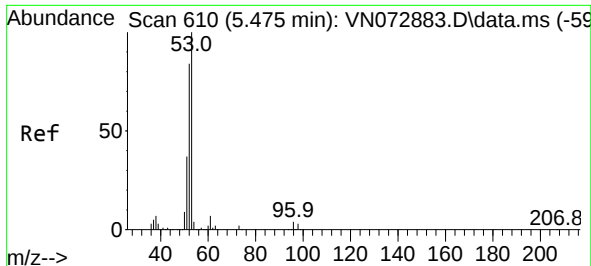
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#14
Allyl chloride
Concen: 51.824 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

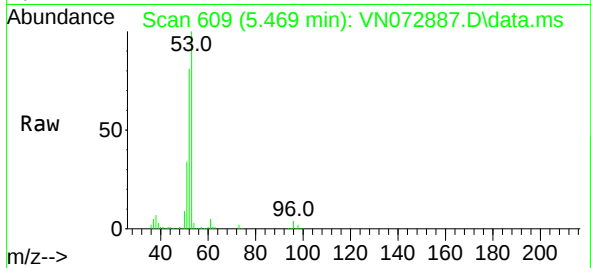
Tgt Ion: 41 Resp: 351306
Ion Ratio Lower Upper
41 100
39 65.2 53.2 79.8
76 30.9 29.9 44.9





#15
Acrylonitrile
Concen: 270.856 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

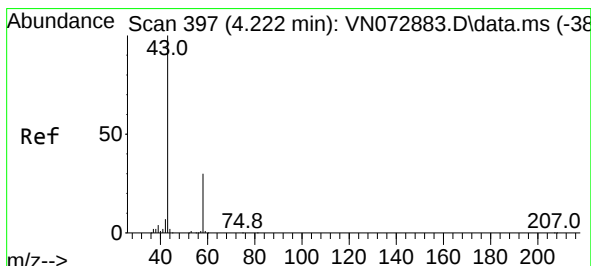
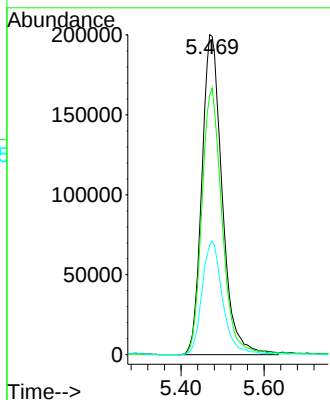
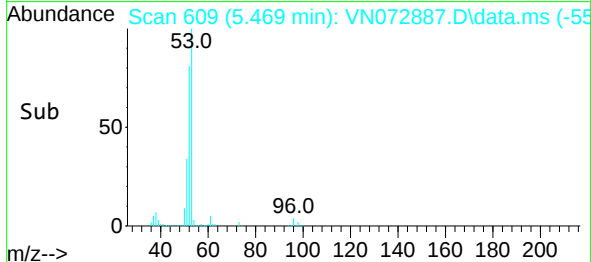
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 678024
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.0 28.5 42.7

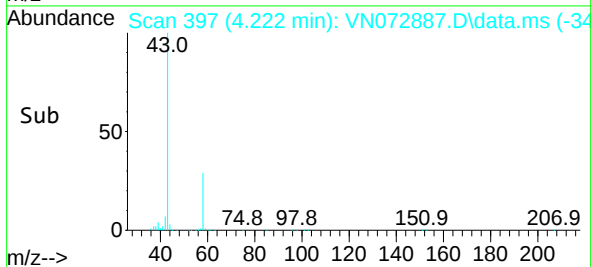
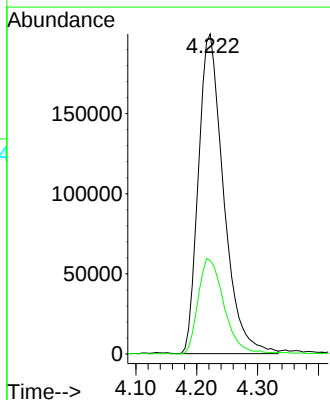
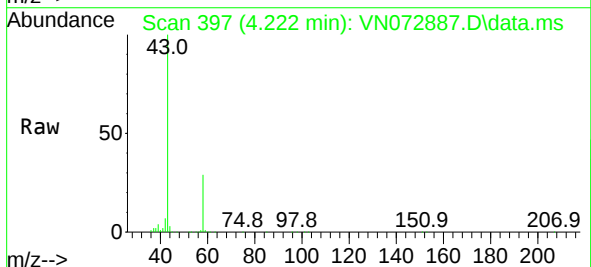
Manual Integrations
APPROVED

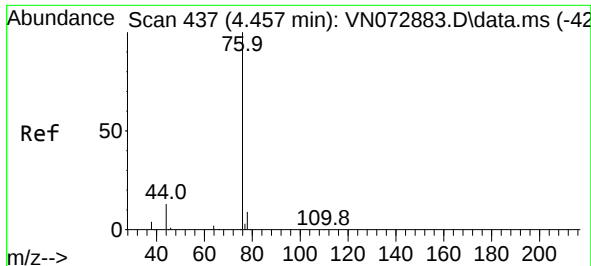
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
Acetone
Concen: 256.380 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

Tgt Ion: 43 Resp: 573323
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0





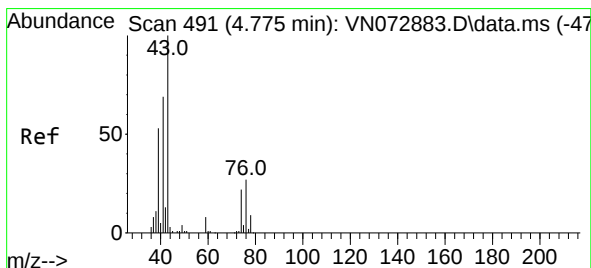
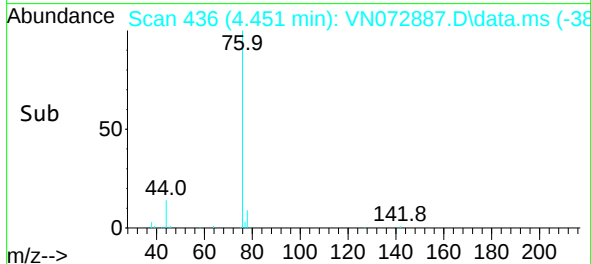
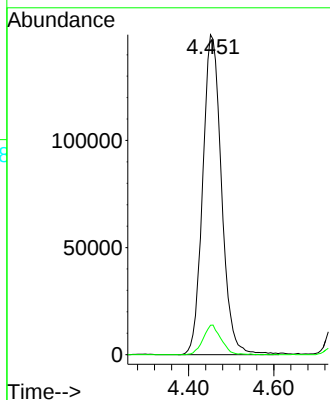
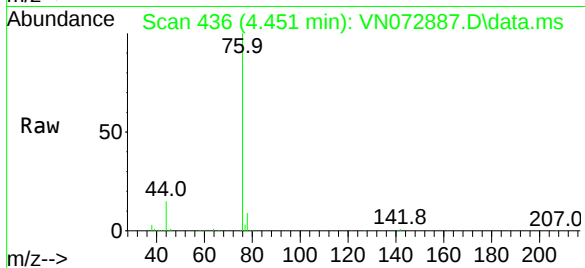
#17
Carbon Disulfide
Concen: 50.560 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 45760
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

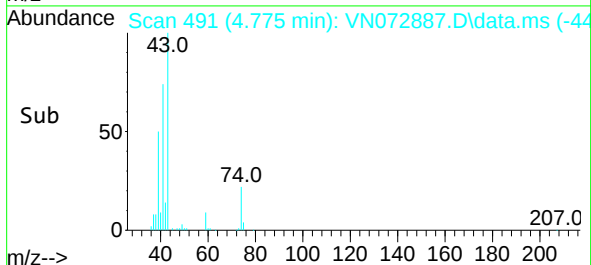
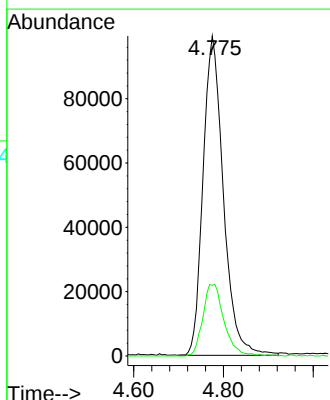
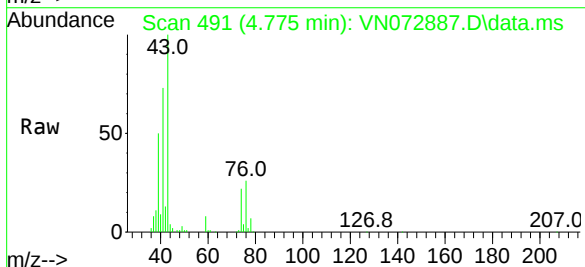
Manual Integrations
APPROVED

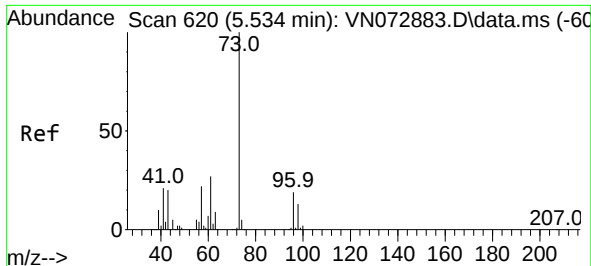
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 49.021 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

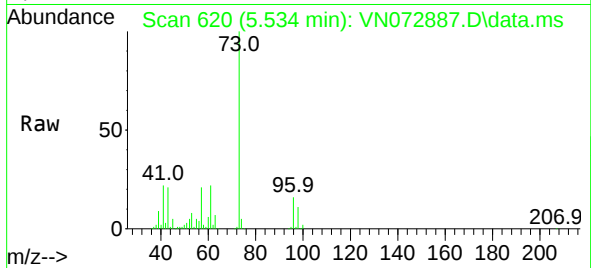
Tgt Ion: 43 Resp: 312499
Ion Ratio Lower Upper
43 100
74 23.4 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 54.351 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

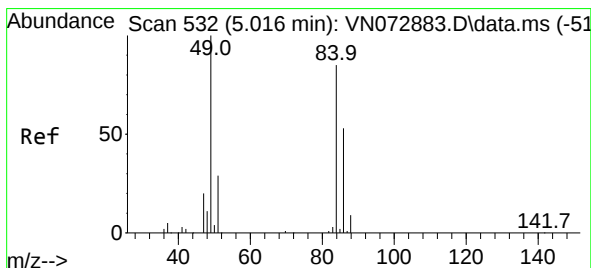
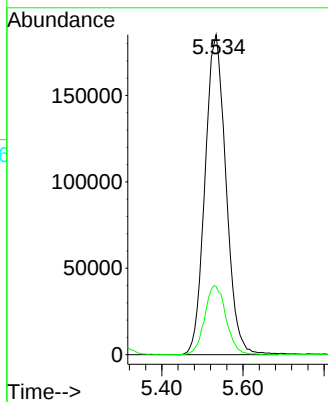
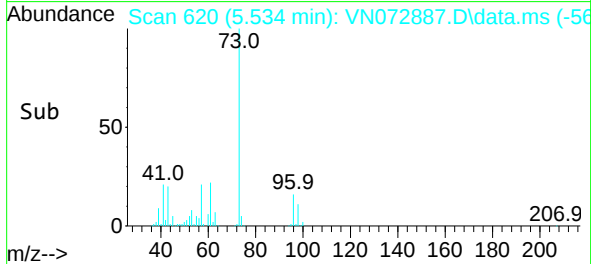
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 66498
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

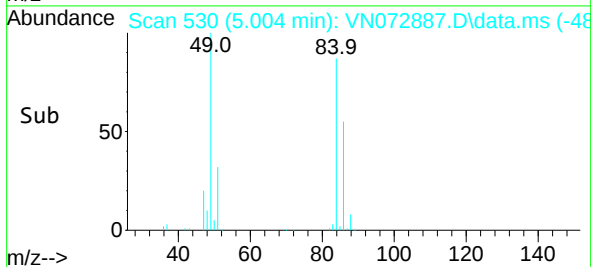
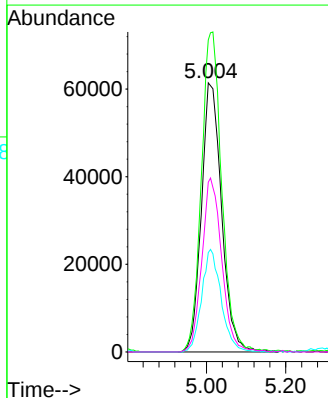
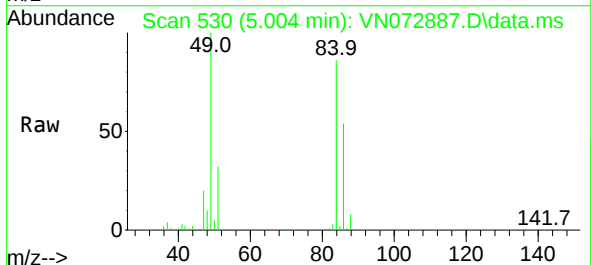
Manual Integrations
APPROVED

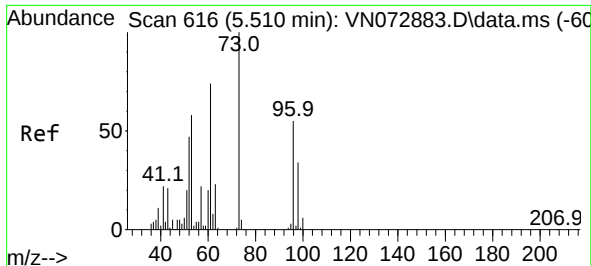
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 54.333 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

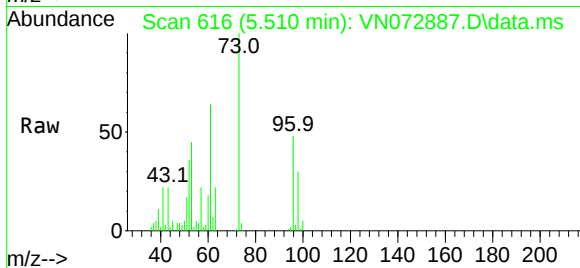
Tgt Ion: 84 Resp: 217320
Ion Ratio Lower Upper
84 100
49 115.9 88.3 132.5
51 36.9 28.2 42.2
86 63.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.669 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

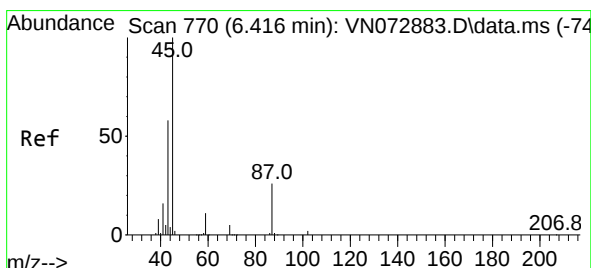
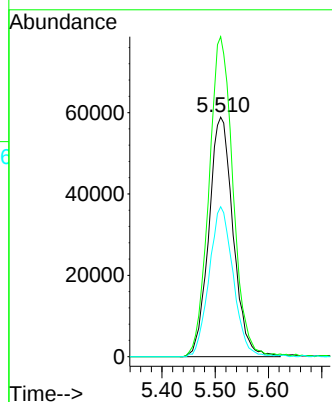
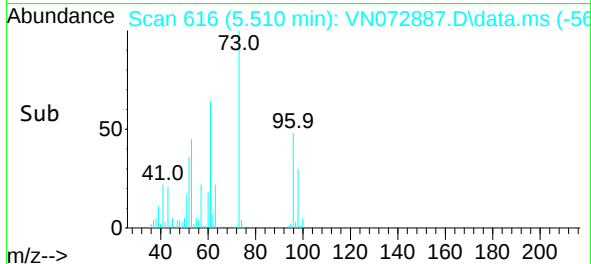
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 18635
Ion Ratio Lower Upper
96 100
61 133.6 105.8 158.8
98 62.6 50.3 75.5

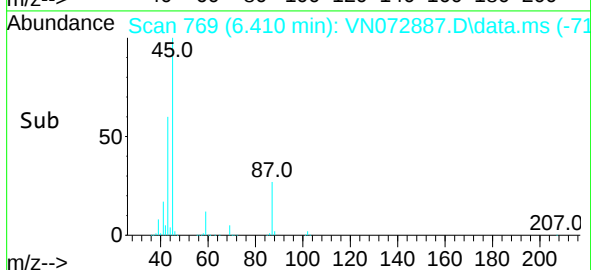
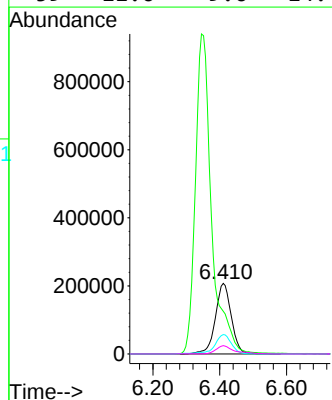
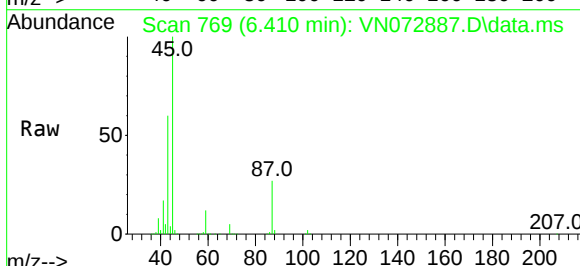
Manual Integrations
APPROVED

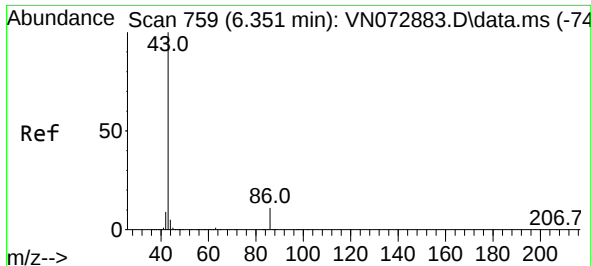
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#22
Diisopropyl ether
Concen: 54.670 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

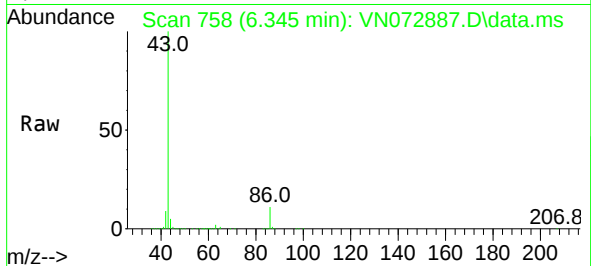
Tgt Ion: 45 Resp: 685113
Ion Ratio Lower Upper
45 100
43 60.1 46.6 70.0
87 27.3 24.3 36.5
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 277.425 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN072887.D
 Acq: 16 Jun 2022 18:13

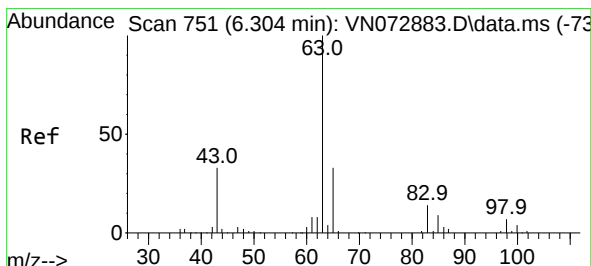
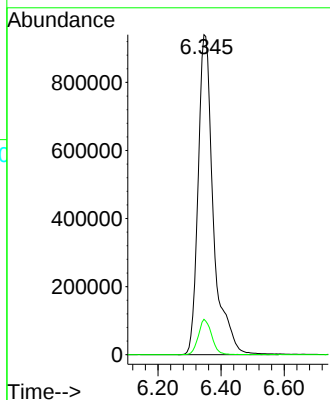
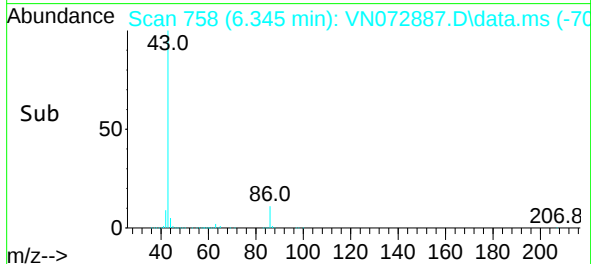
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



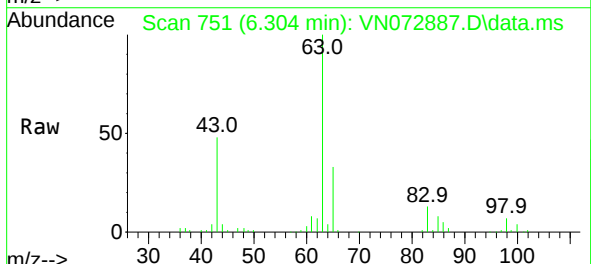
Tgt Ion: 43 Resp: 315995
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.0 15.0

Manual Integrations
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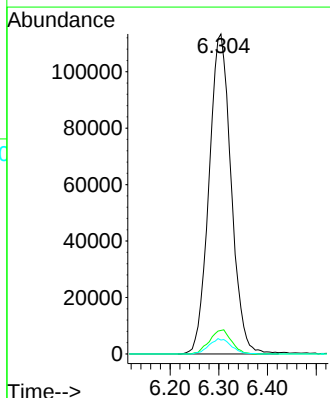
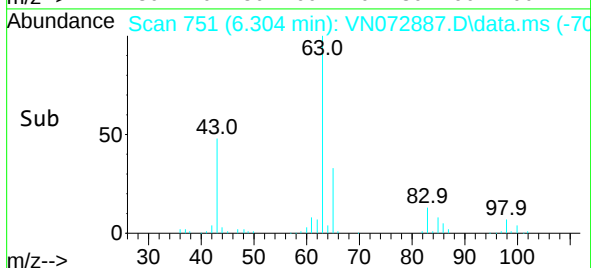
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022

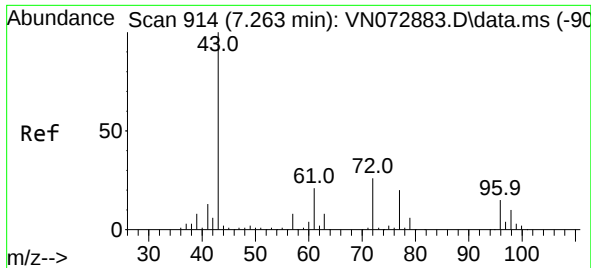


#24
 1,1-Dichloroethane
 Concen: 54.513 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN072887.D
 Acq: 16 Jun 2022 18:13



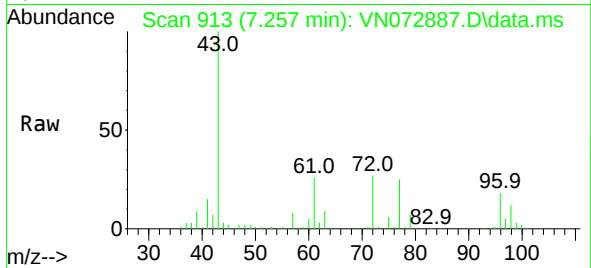
Tgt Ion: 63 Resp: 357676
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 265.430 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

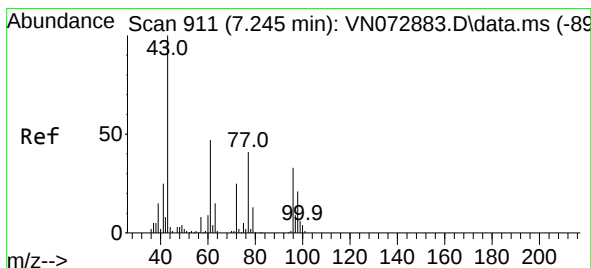
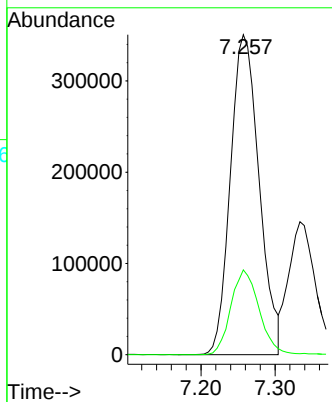
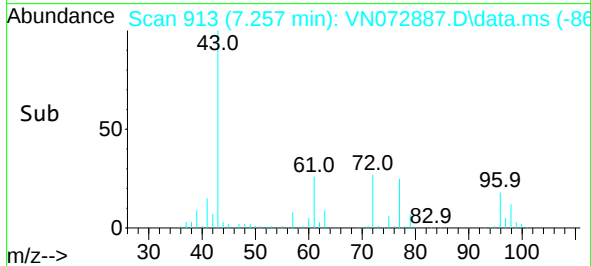
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



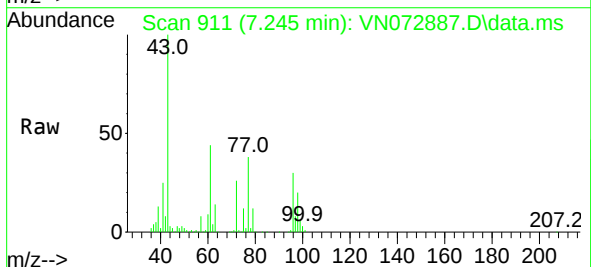
Tgt Ion: 43 Resp: 94536
Ion Ratio Lower Upper
43 100
72 26.5 23.7 35.5

Manual Integrations
APPROVED

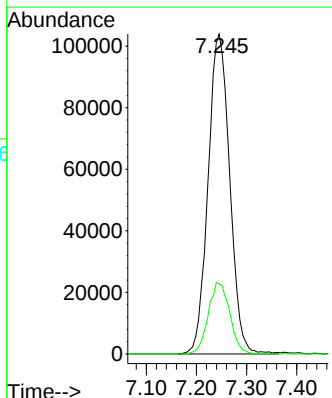
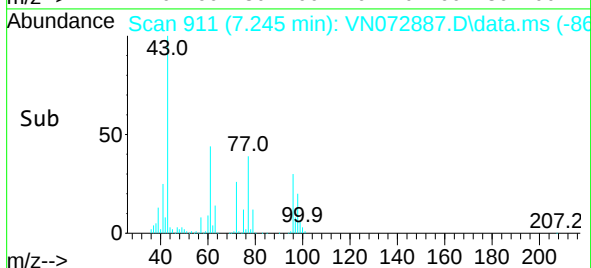
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

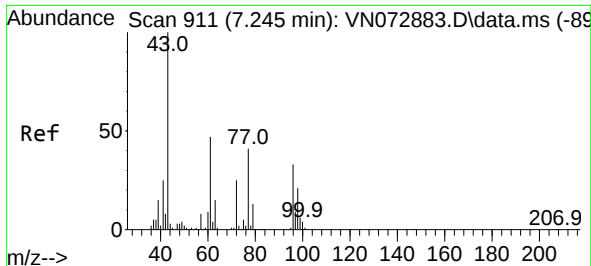


#26
2,2-Dichloropropane
Concen: 52.540 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



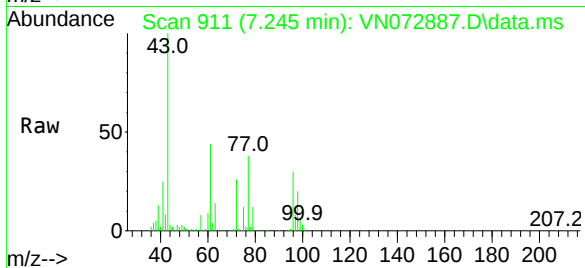
Tgt Ion: 77 Resp: 311406
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 52.601 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN072887.D
 Acq: 16 Jun 2022 18:13

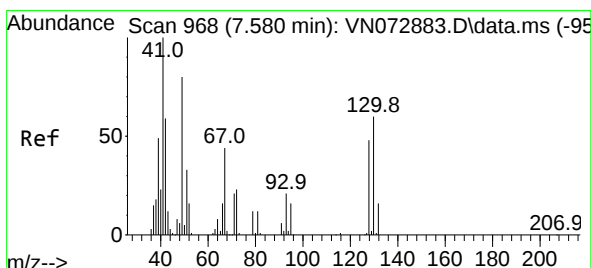
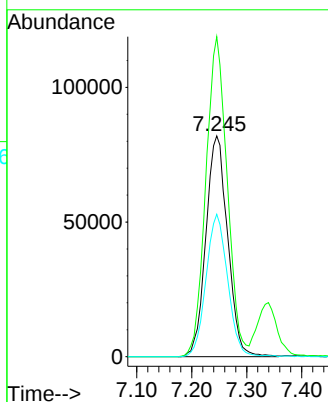
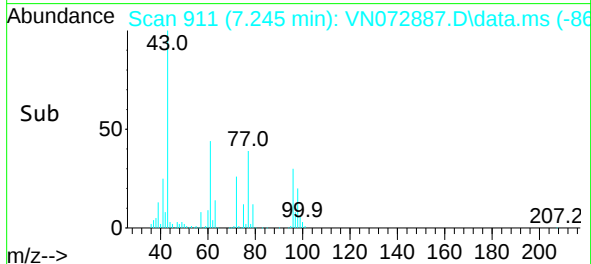
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



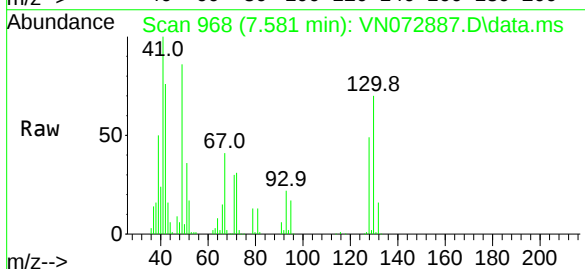
Tgt Ion: 96 Resp: 225598
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 280.6
 98 63.9 0.0 128.4

Manual Integrations
 APPROVED

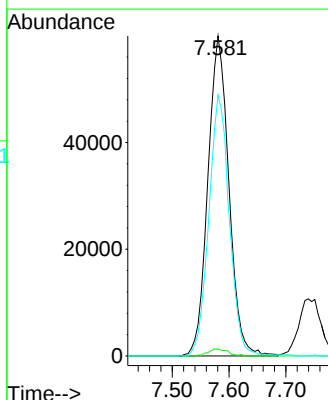
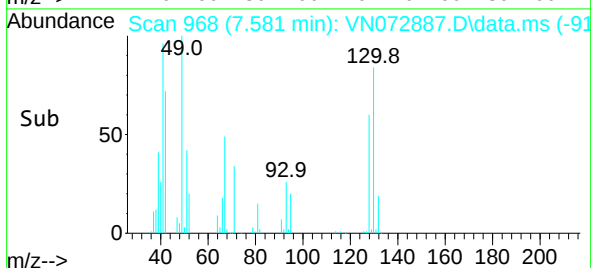
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022

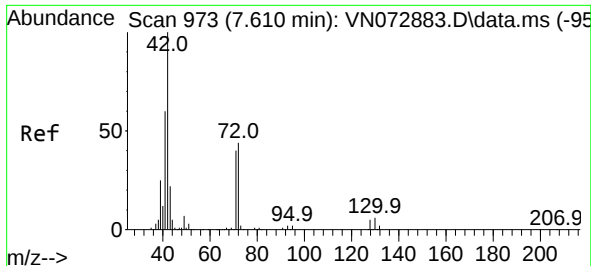


#28
 Bromochloromethane
 Concen: 54.783 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VN072887.D
 Acq: 16 Jun 2022 18:13



Tgt Ion: 49 Resp: 154018
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 79.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 263.114 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

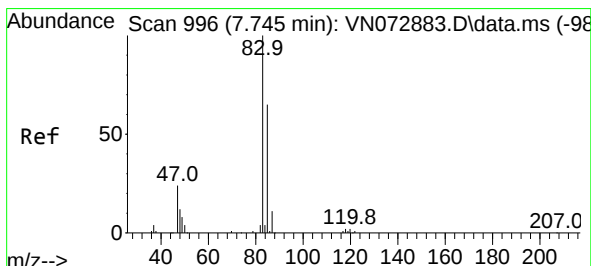
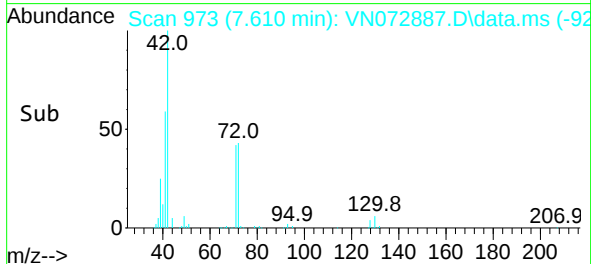
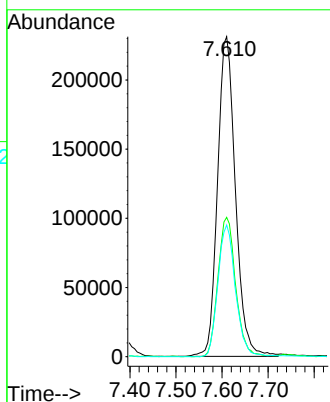
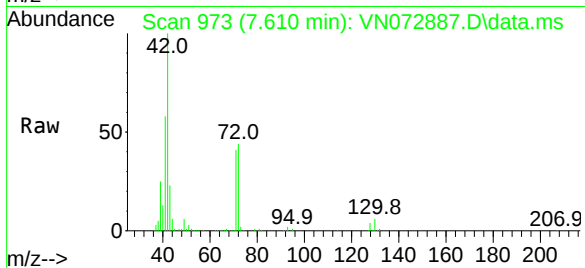
VSTDCCC050

Tgt Ion: 42 Resp: 621268
 Ion Ratio Lower Upper
 42 100
 72 43.3 39.7 59.5
 71 40.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 53.621 ug/l

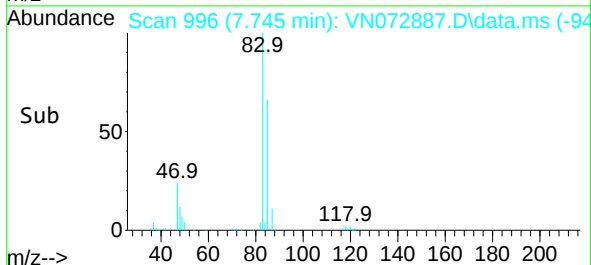
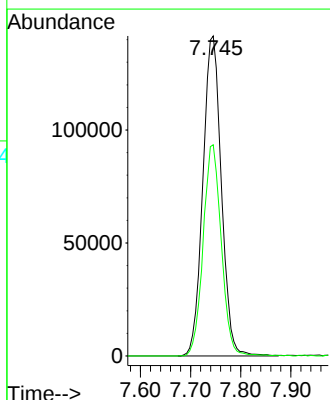
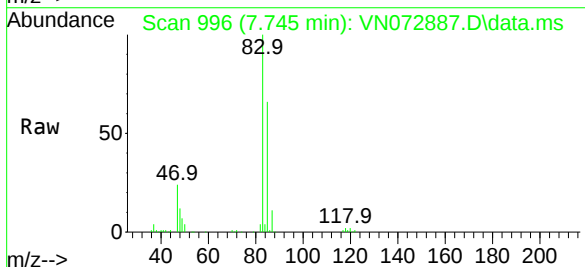
RT: 7.745 min Scan# 996

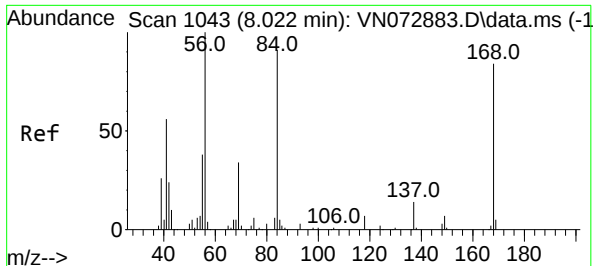
Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Tgt Ion: 83 Resp: 363055
 Ion Ratio Lower Upper
 83 100
 85 66.0 51.8 77.8





#31

Cyclohexane

Concen: 51.859 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 30803

Ion Ratio Lower Upper

56 100

69 32.7 27.8 41.8

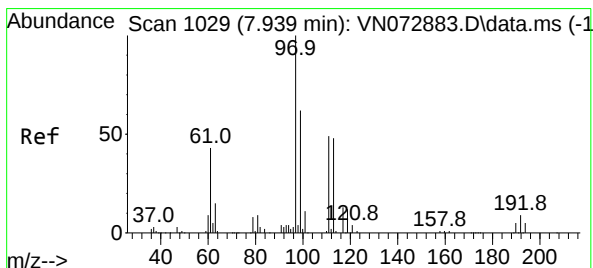
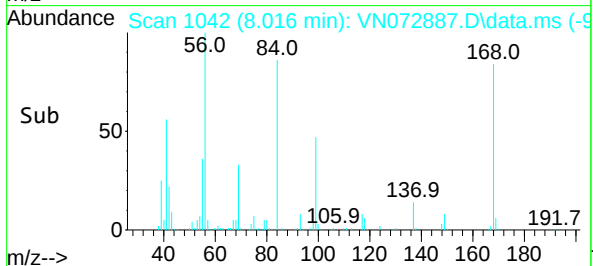
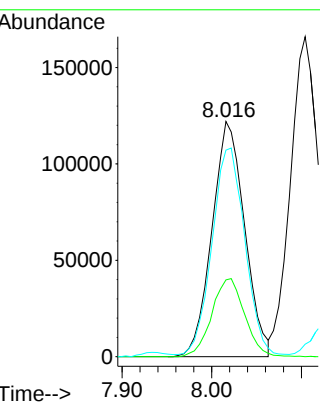
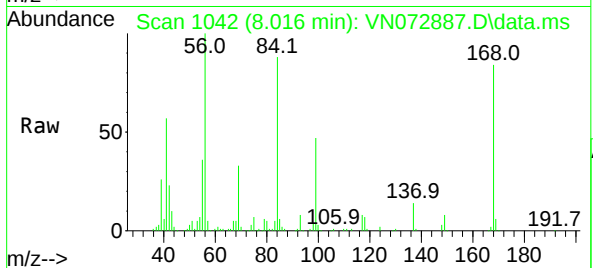
84 86.8 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#32

1,1,1-Trichloroethane

Concen: 53.392 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

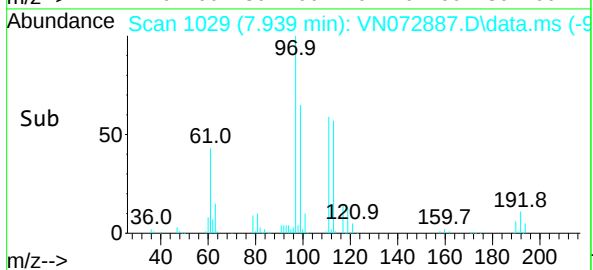
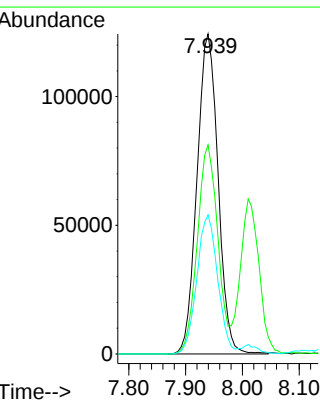
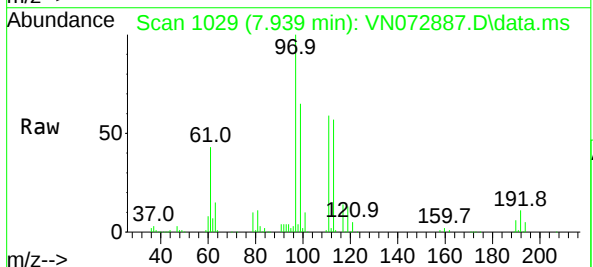
Tgt Ion: 97 Resp: 320124

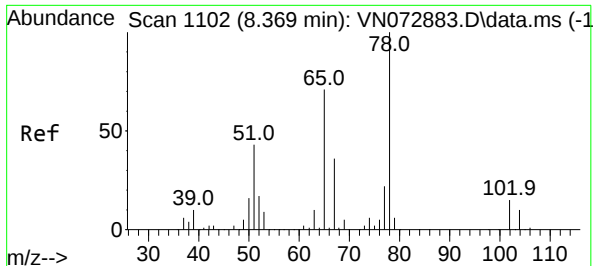
Ion Ratio Lower Upper

97 100

99 63.1 50.6 76.0

61 43.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.858 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 23861

Ion Ratio Lower Upper

65 100

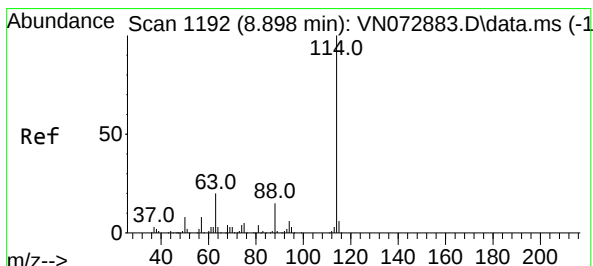
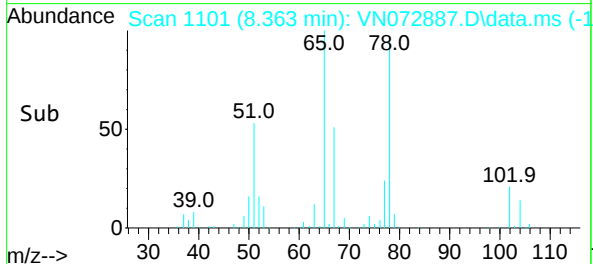
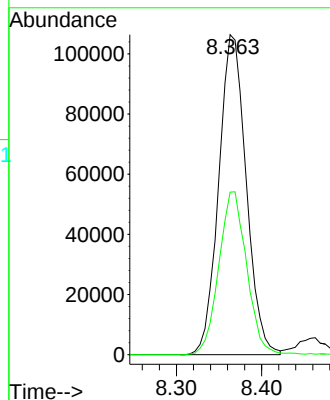
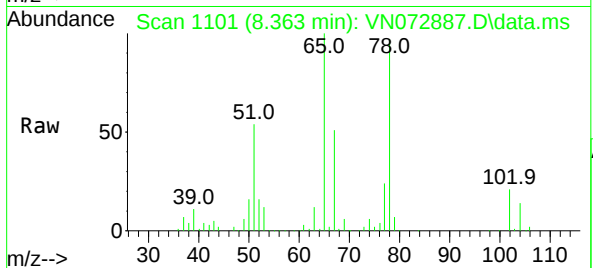
67 51.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

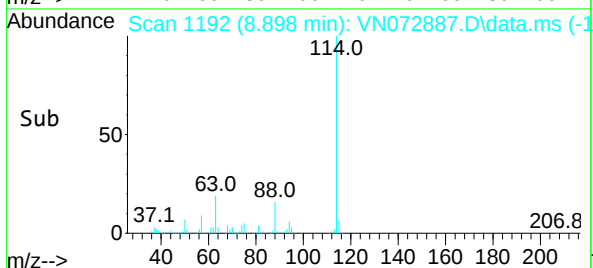
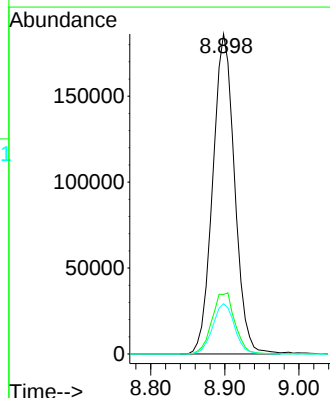
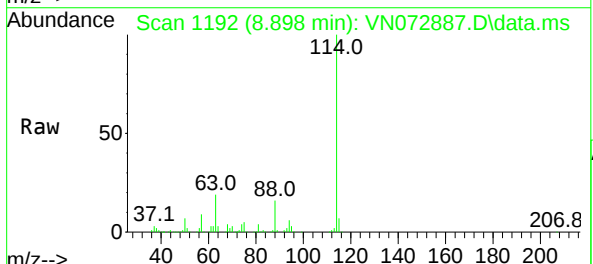
Tgt Ion:114 Resp: 381289

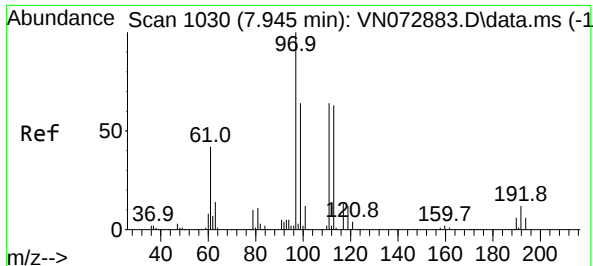
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.093 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 190814

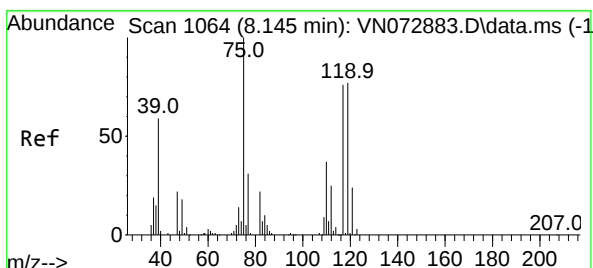
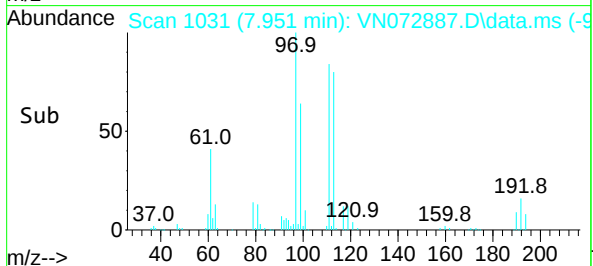
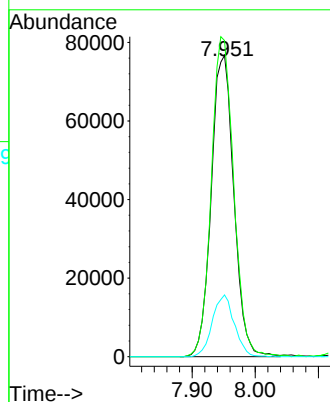
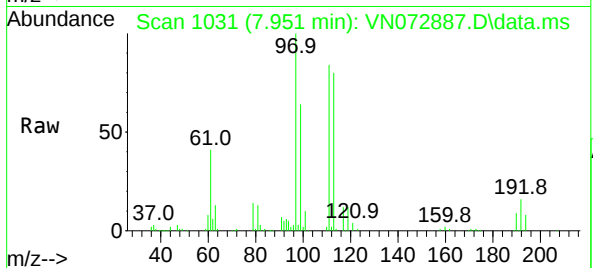
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.0
192	20.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#36

1,1-Dichloropropene

Concen: 54.501 ug/l

RT: 8.145 min Scan# 1064

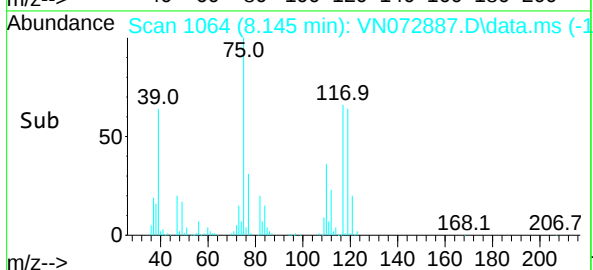
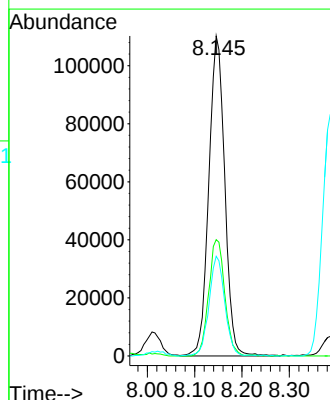
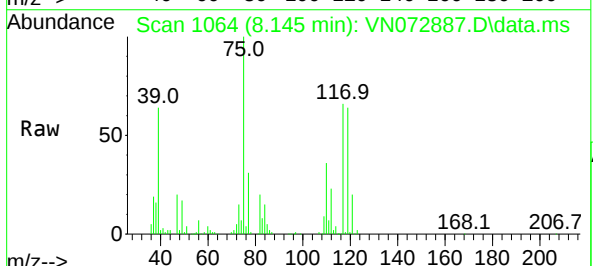
Delta R.T. 0.000 min

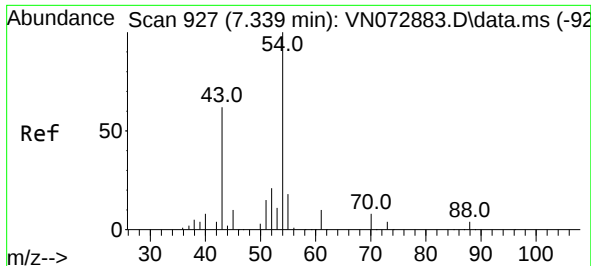
Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Tgt Ion: 75 Resp: 257796

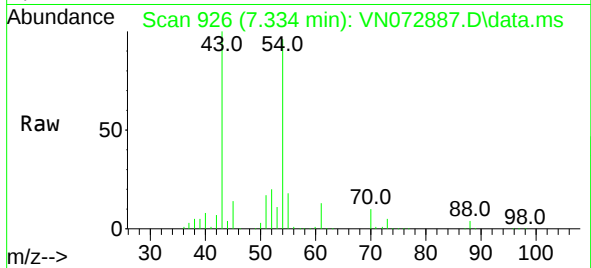
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.8
77	30.8	25.1	37.7





#37
Ethyl Acetate
Concen: 55.531 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

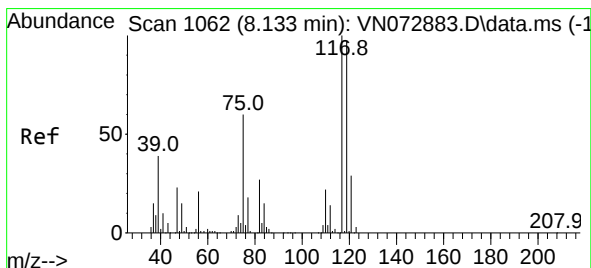
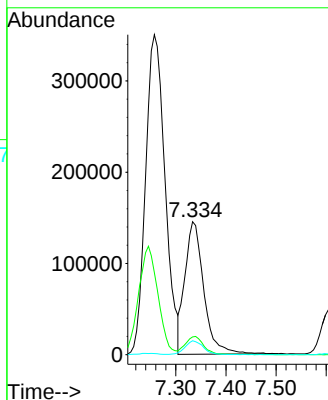
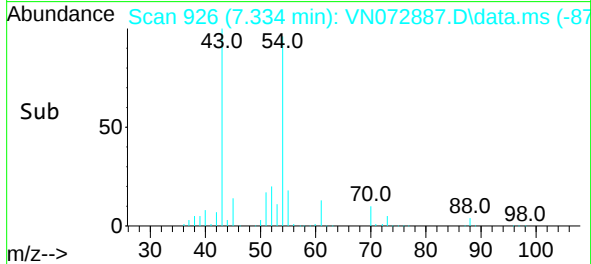
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38014
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 10.2 9.3 13.9

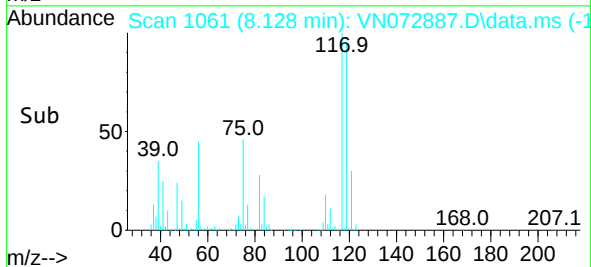
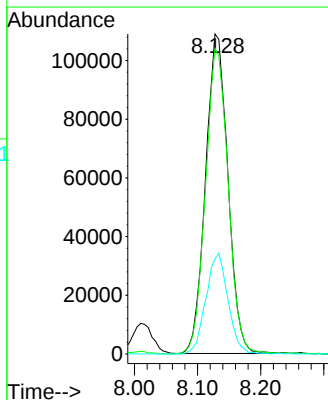
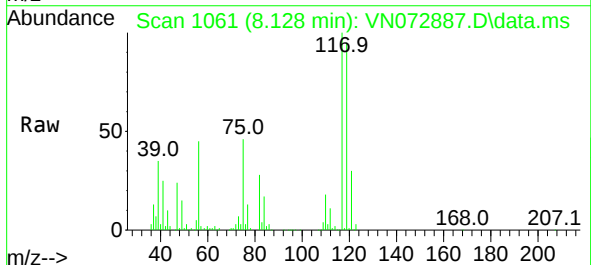
Manual Integrations
APPROVED

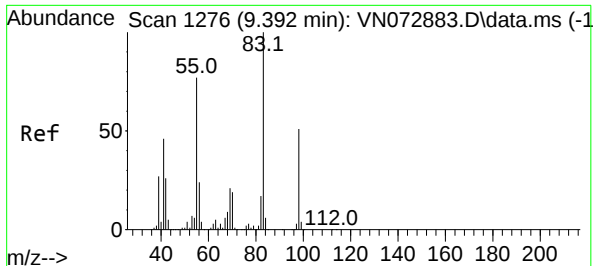
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 52.670 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

Tgt Ion:117 Resp: 268233
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 56.328 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

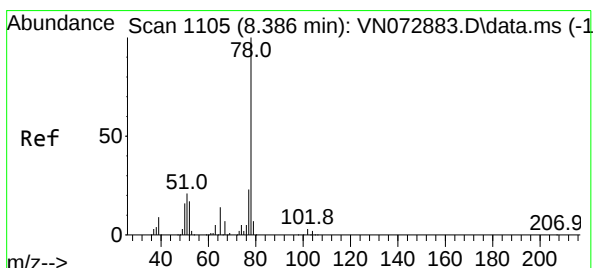
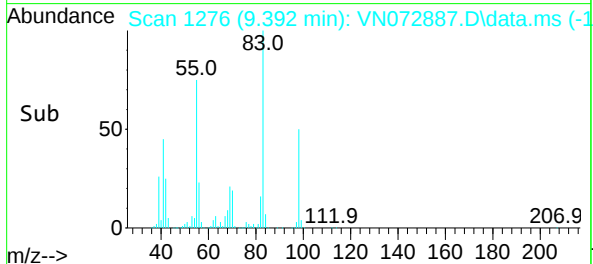
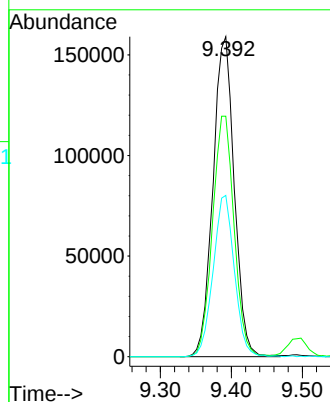
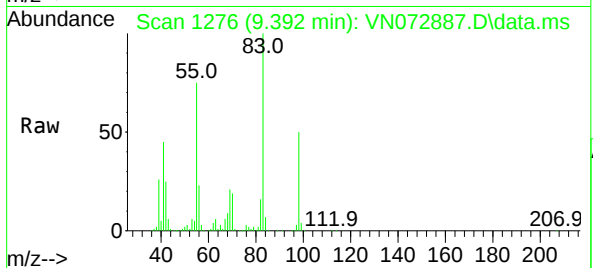
Tgt Ion:	83	Resp:	33069
Ion Ratio	Lower	Upper	
83	100		
55	75.2	57.8	86.8
98	50.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 54.202 ug/l

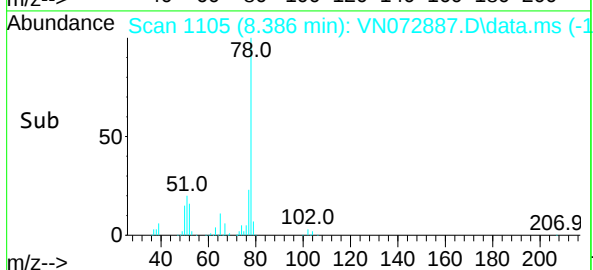
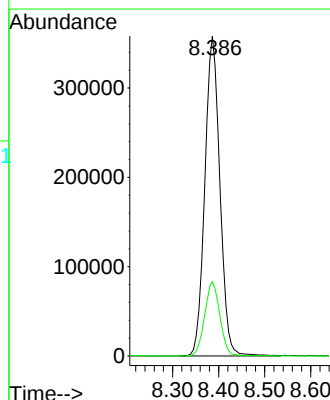
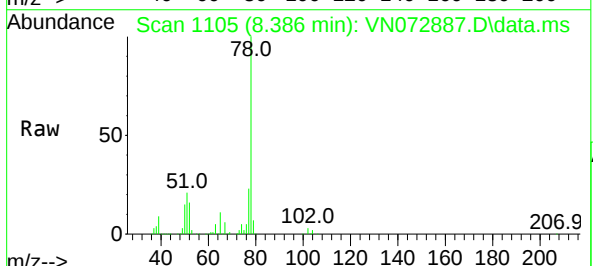
RT: 8.386 min Scan# 1105

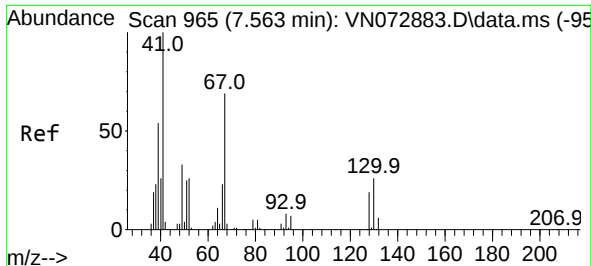
Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

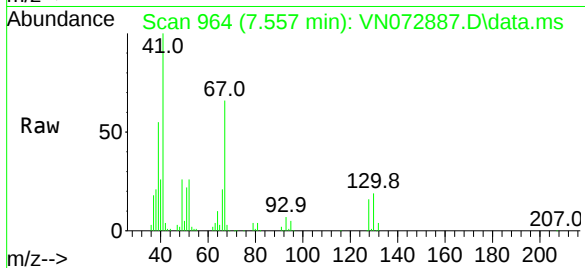
Tgt Ion:	78	Resp:	816881
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 56.017 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

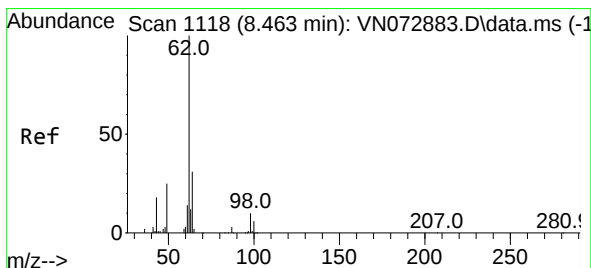
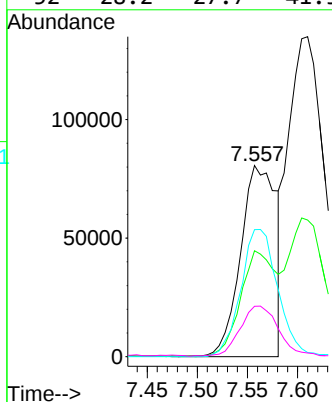
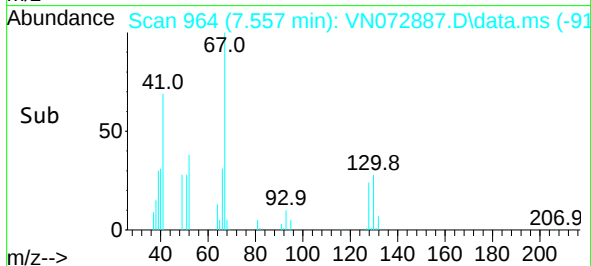
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



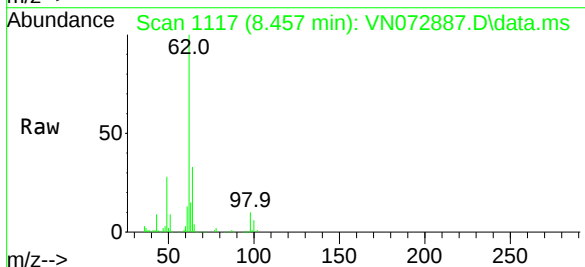
Tgt Ion: 41 Resp: 19963
Ion Ratio Lower Upper
41 100
39 54.1 48.6 73.0
67 69.6 73.4 110.2
52 28.2 27.7 41.5

Manual Integrations
APPROVED

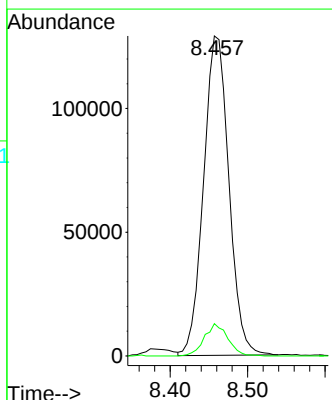
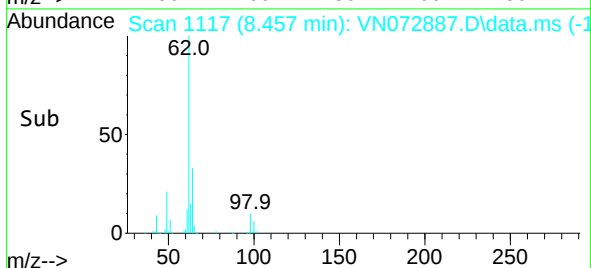
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

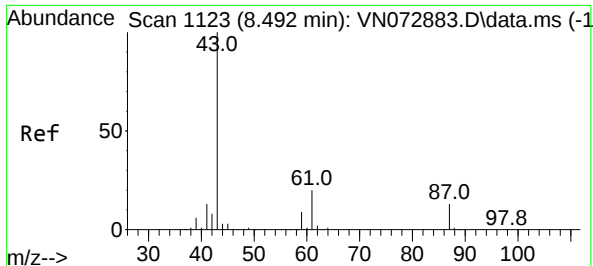


#42
1,2-Dichloroethane
Concen: 53.908 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



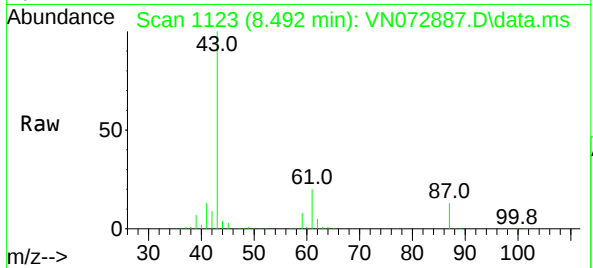
Tgt Ion: 62 Resp: 292952
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.690 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

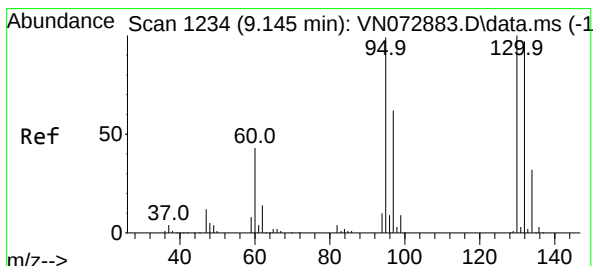
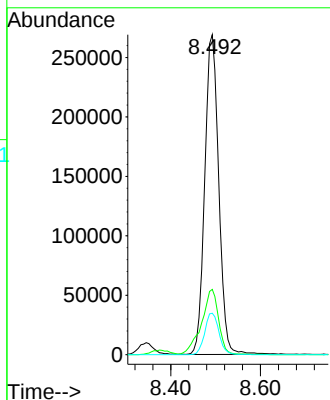
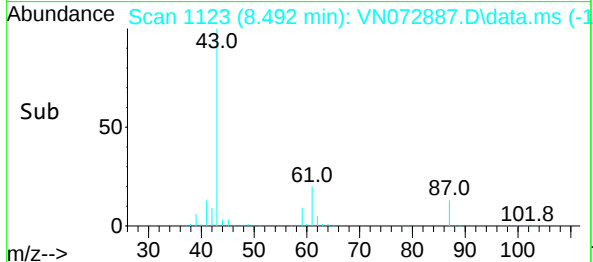
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



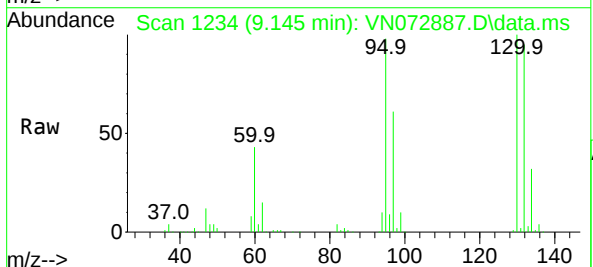
Tgt Ion: 43 Resp: 582689
Ion Ratio Lower Upper
43 100
61 24.8 21.9 32.9
87 13.2 12.0 18.0

Manual Integrations
APPROVED

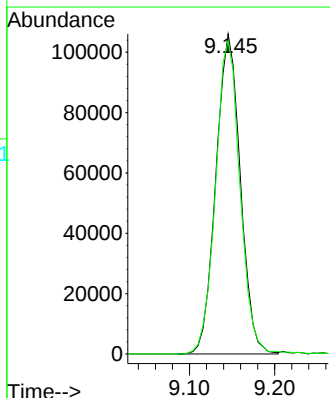
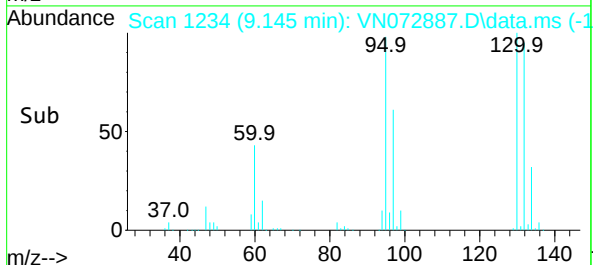
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

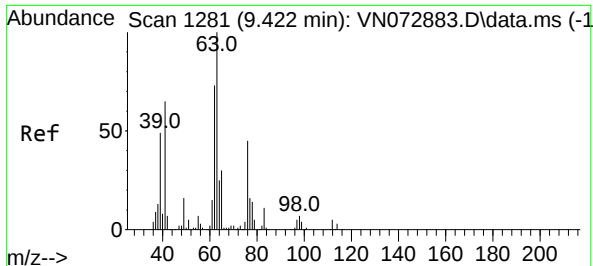


#44
Trichloroethene
Concen: 52.500 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



Tgt Ion:130 Resp: 211540
Ion Ratio Lower Upper
130 100
95 97.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.509 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20729

Ion Ratio Lower Upper

63 100

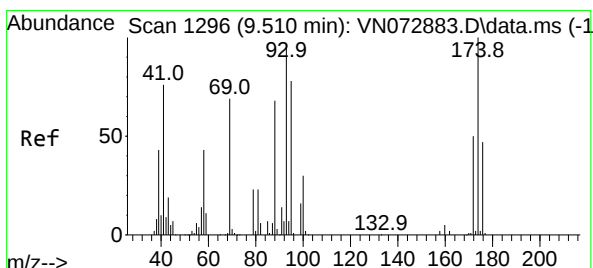
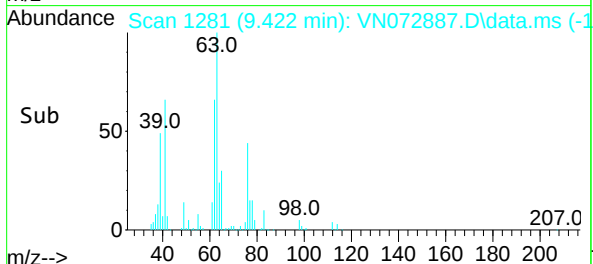
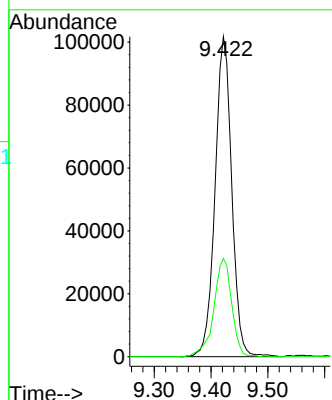
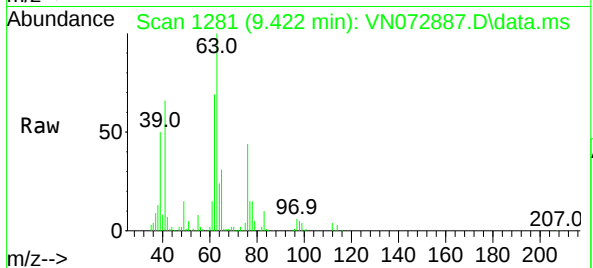
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 54.503 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

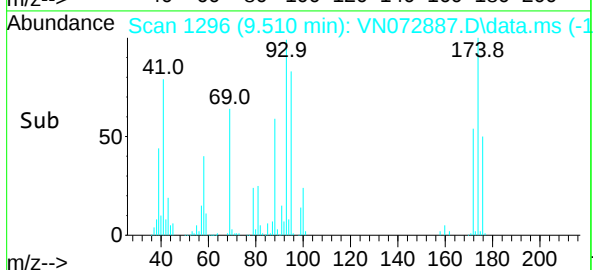
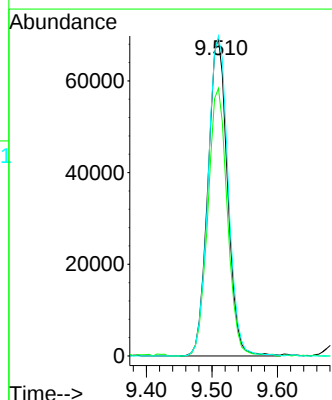
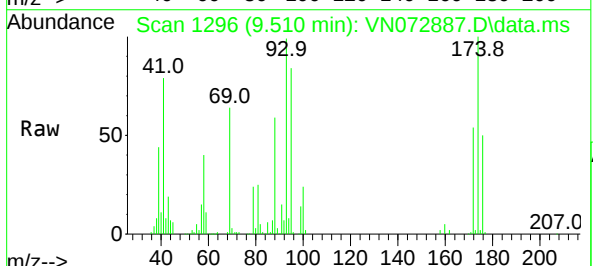
Tgt Ion: 93 Resp: 143835

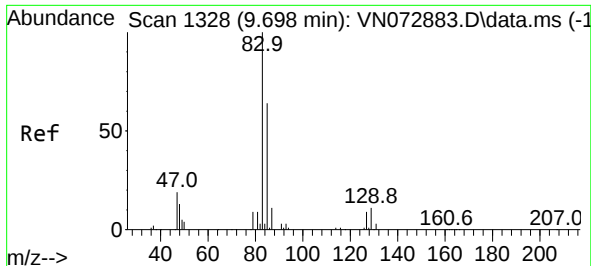
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

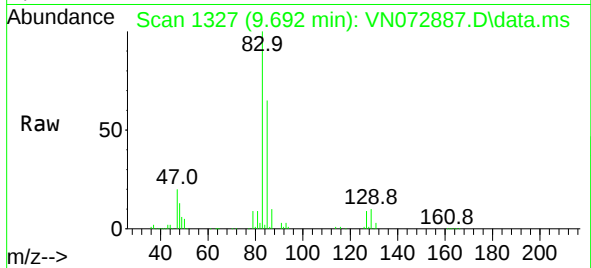
174 103.1 86.6 130.0





#47
Bromodichloromethane
Concen: 54.823 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

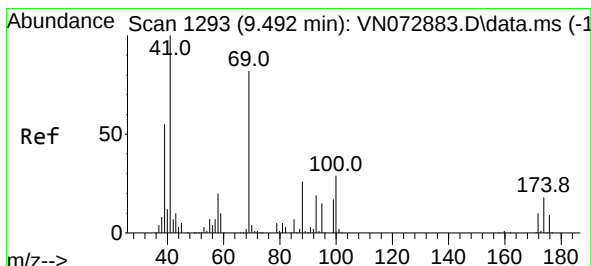
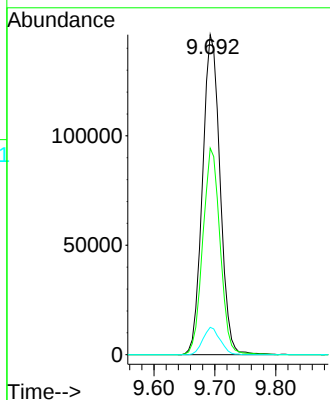
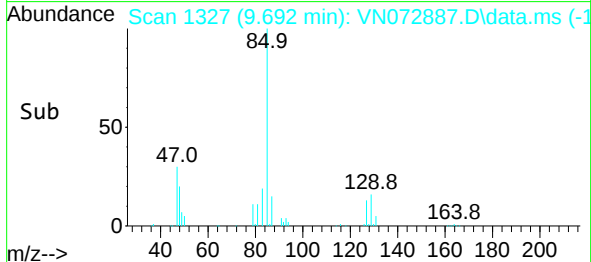
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



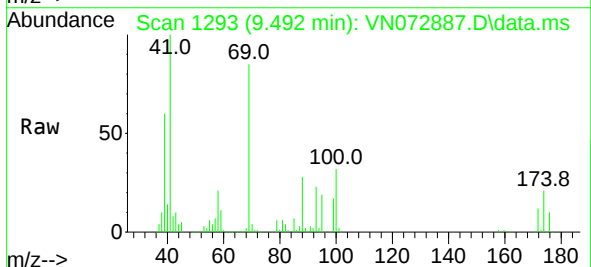
Tgt Ion: 83 Resp: 293062
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.6 6.8 10.2

Manual Integrations
APPROVED

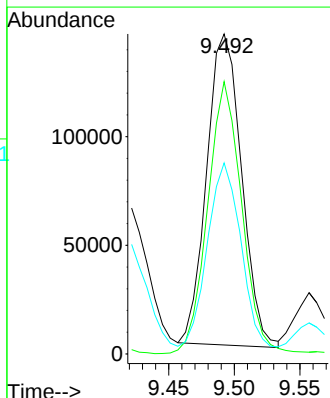
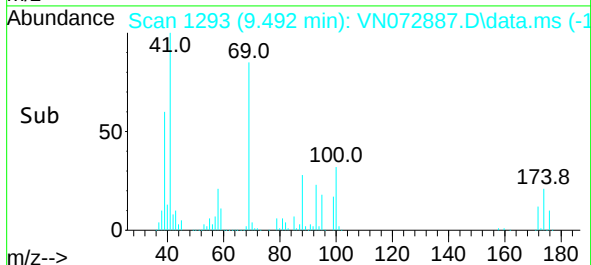
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

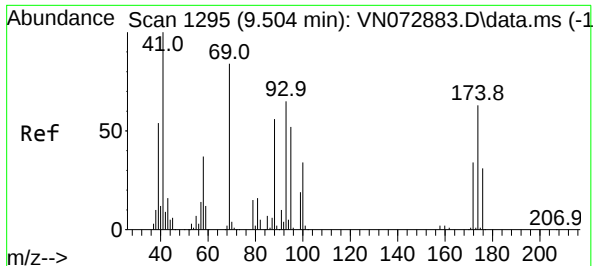


#48
Methyl methacrylate
Concen: 54.374 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



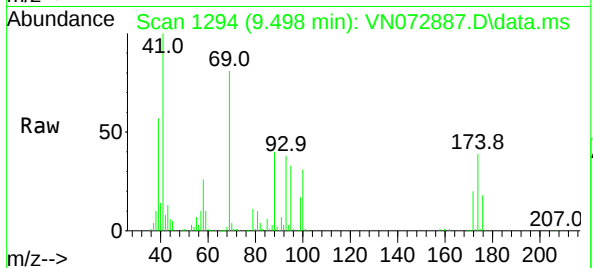
Tgt Ion: 41 Resp: 264613
Ion Ratio Lower Upper
41 100
69 86.0 74.7 112.1
39 56.8 45.6 68.4





#49
1,4-Dioxane
Concen: 1069.452 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

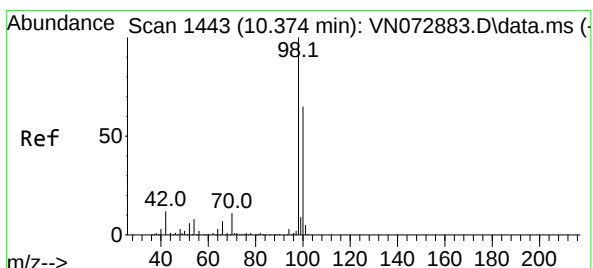
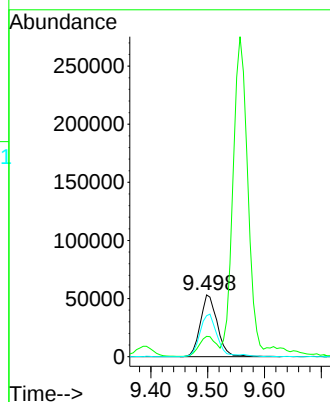
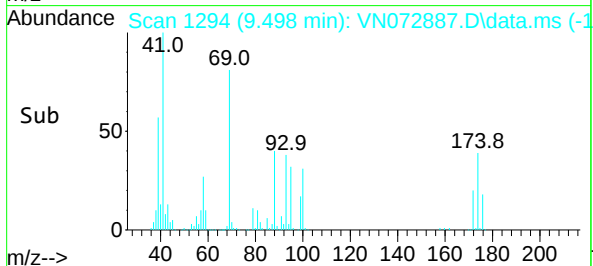
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 110243
Ion Ratio Lower Upper
88 100
43 32.3 20.2 30.4
58 68.9 54.2 81.4

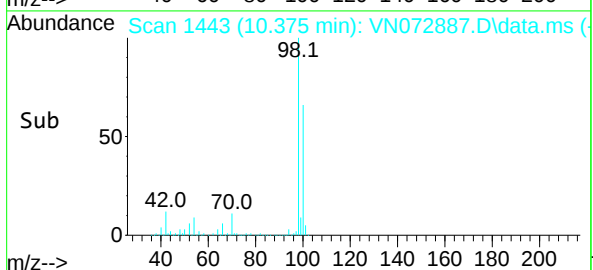
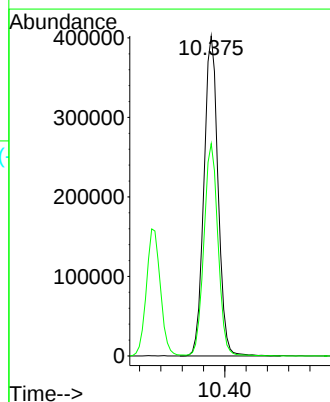
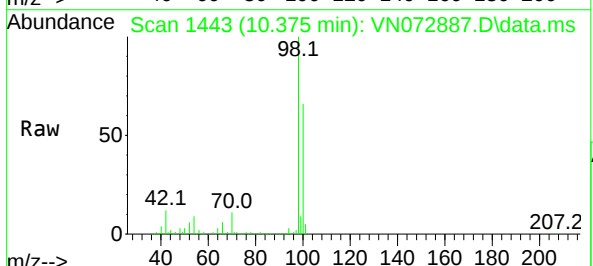
Manual Integrations
APPROVED

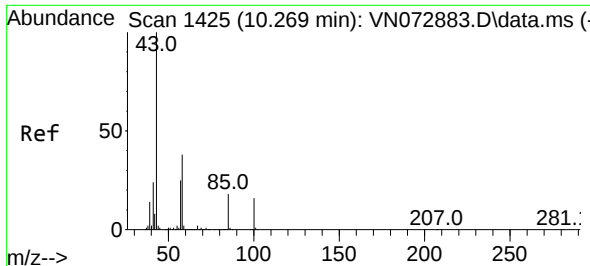
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
Toluene-d8
Concen: 54.532 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

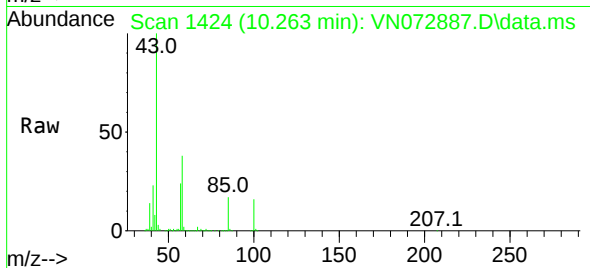
Tgt Ion: 98 Resp: 739289
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 267.882 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

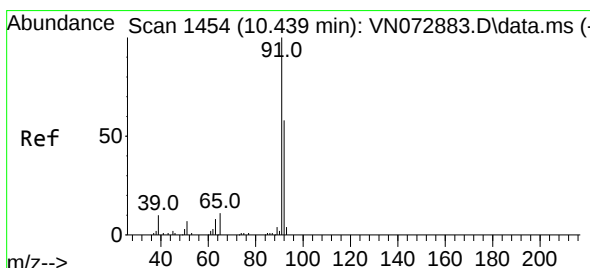
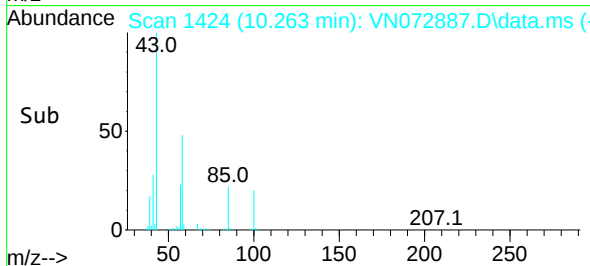
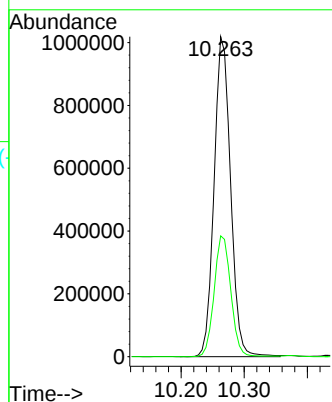
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 184629
Ion Ratio Lower Upper
43 100
58 38.2 34.1 51.1

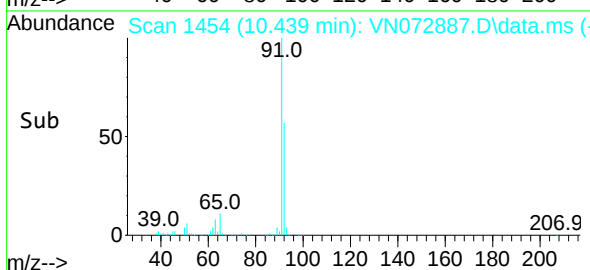
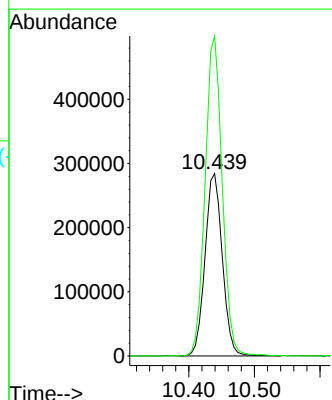
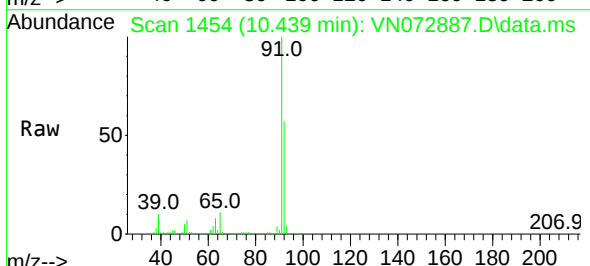
Manual Integrations
APPROVED

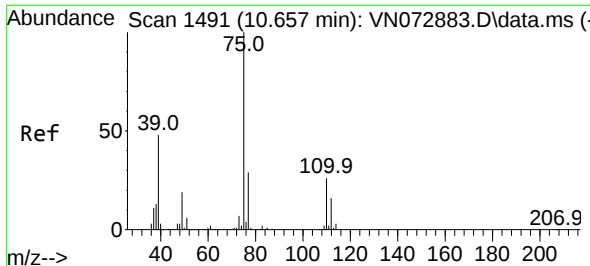
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Toluene
Concen: 53.609 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

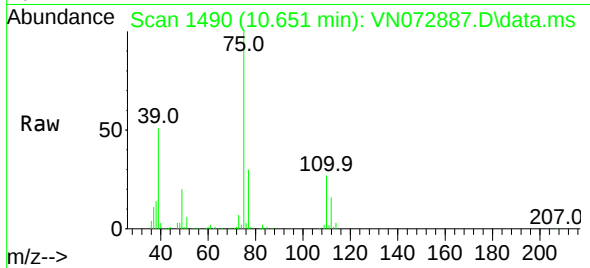
Tgt Ion: 92 Resp: 522852
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.589 ug/l
RT: 10.651 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

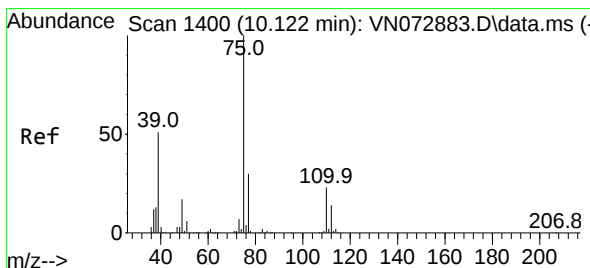
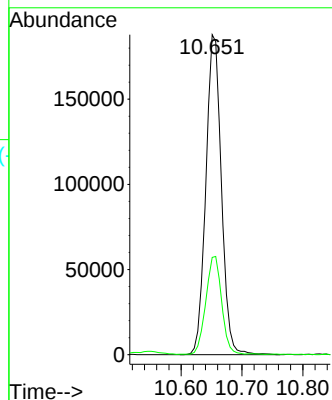
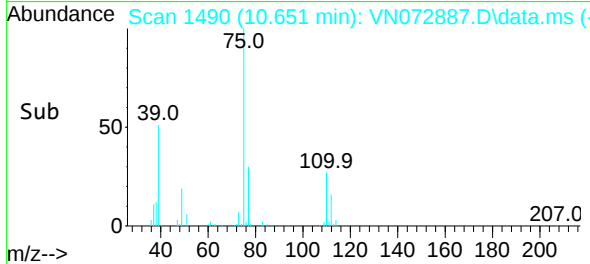
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 332479
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

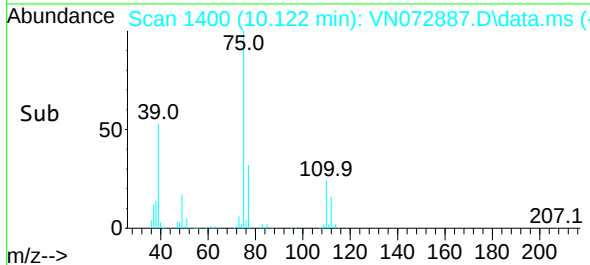
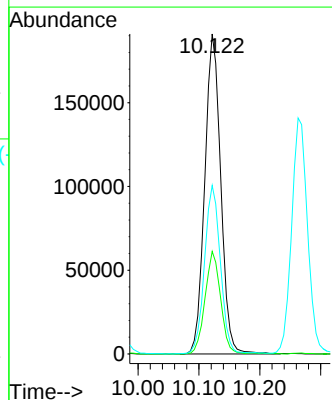
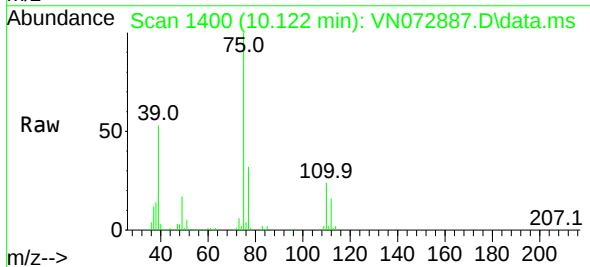
Manual Integrations
APPROVED

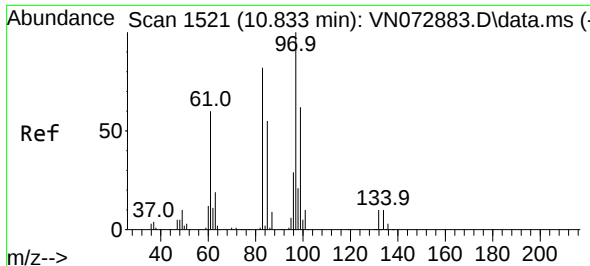
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#54
cis-1,3-Dichloropropene
Concen: 55.263 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

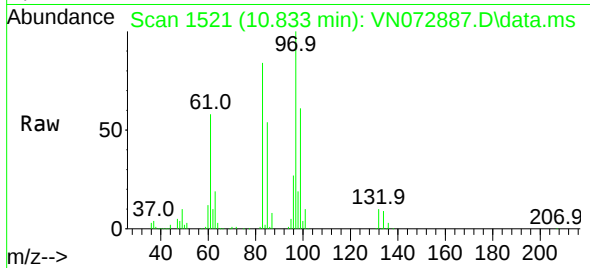
Tgt Ion: 75 Resp: 349449
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 52.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 55.244 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

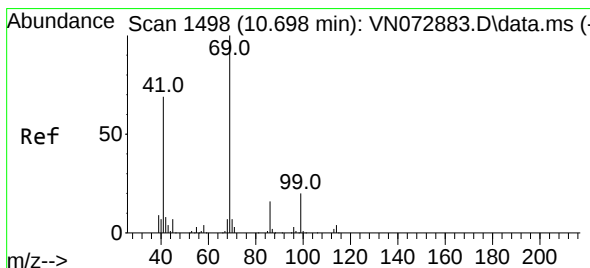
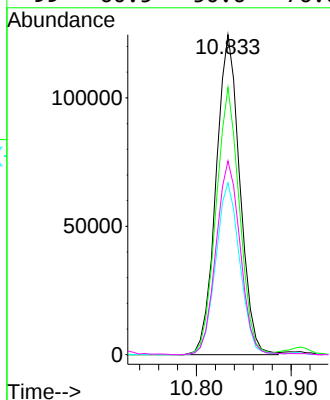
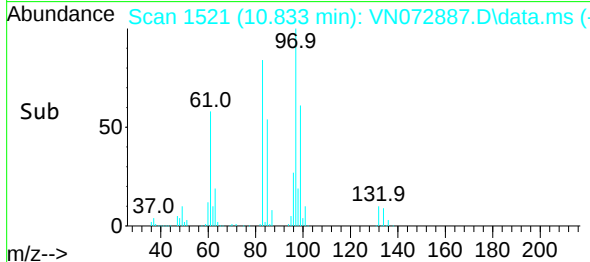


Tgt Ion: 97 Resp: 21752

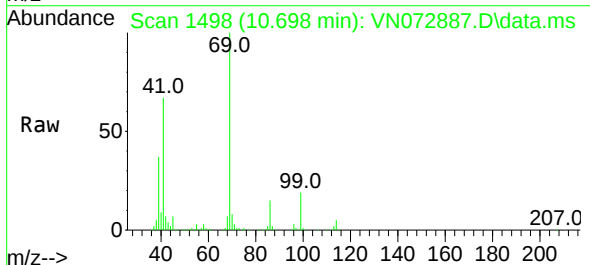
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.2	99.4
85	53.7	43.9	65.9
99	60.5	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

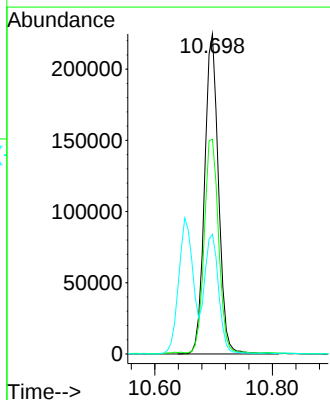
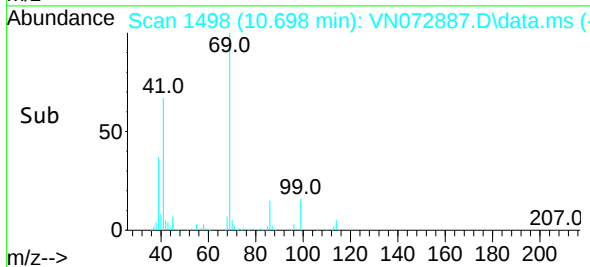


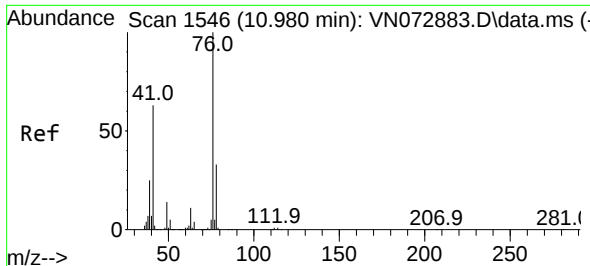
#56
Ethyl methacrylate
Concen: 55.053 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



Tgt Ion: 69 Resp: 368125

Ion	Ratio	Lower	Upper
69	100		
41	69.1	47.8	71.6
39	37.8	27.3	40.9





#57

1,3-Dichloropropane

Concen: 54.178 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 36404

Ion Ratio Lower Upper

76 100

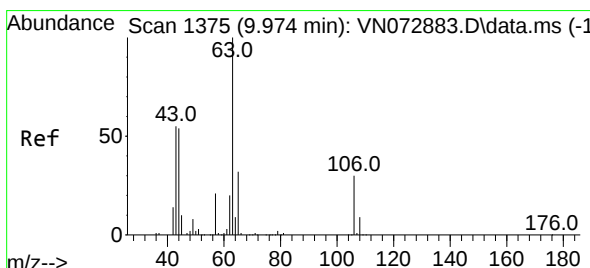
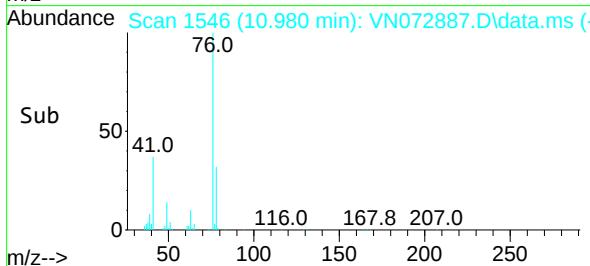
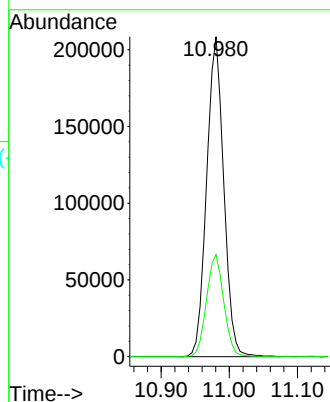
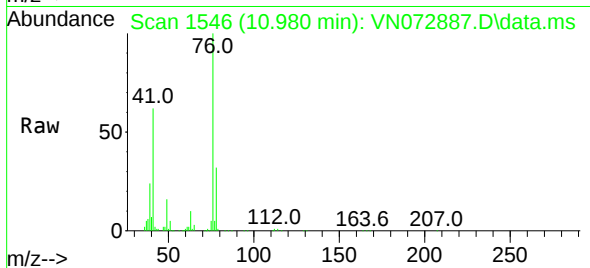
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 293.080 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VN072887.D

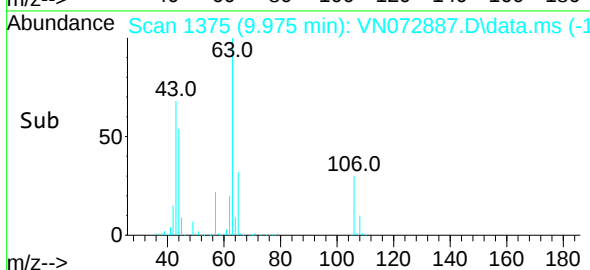
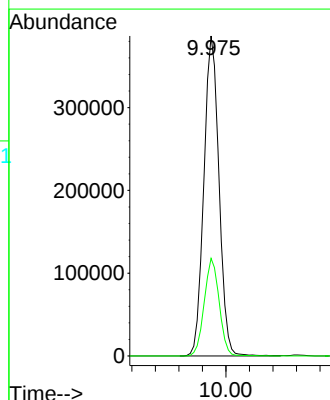
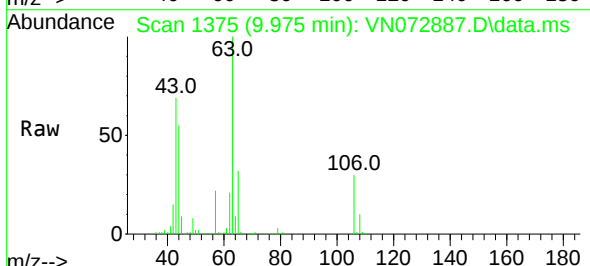
Acq: 16 Jun 2022 18:13

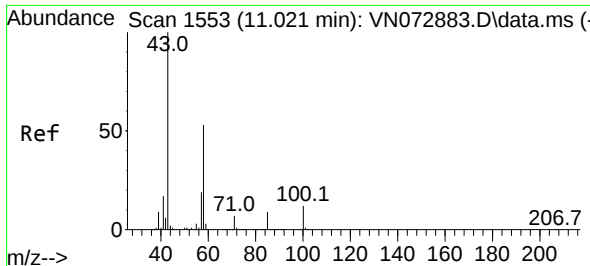
Tgt Ion: 63 Resp: 692737

Ion Ratio Lower Upper

63 100

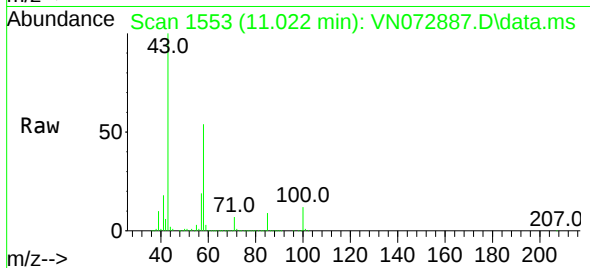
106 30.1 24.6 36.8





#59
2-Hexanone
Concen: 277.331 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

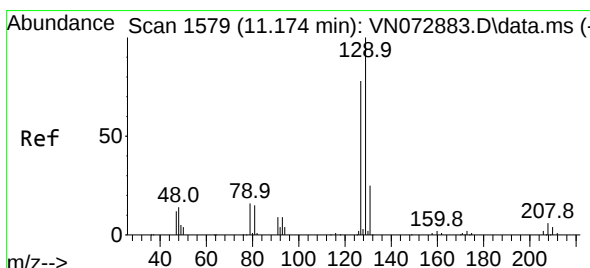
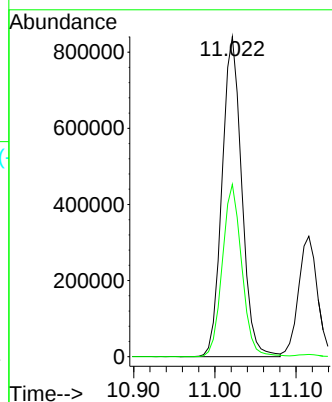
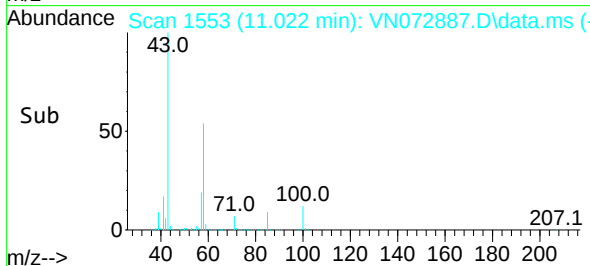
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



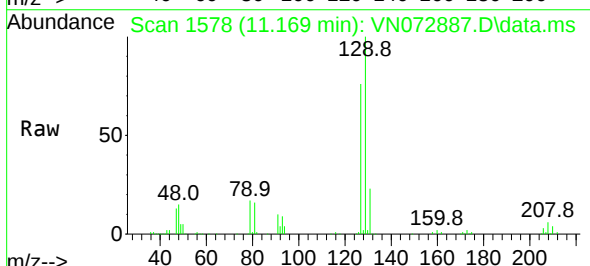
Tgt Ion: 43 Resp: 141933
Ion Ratio Lower Upper
43 100
58 53.1 29.7 89.1

Manual Integrations
APPROVED

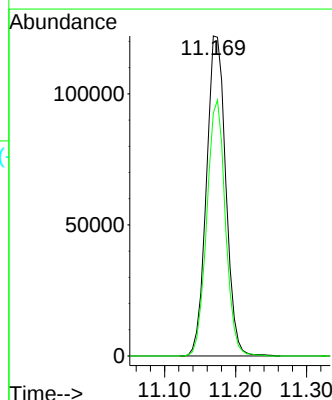
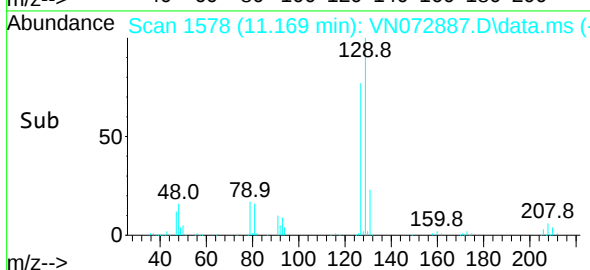
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

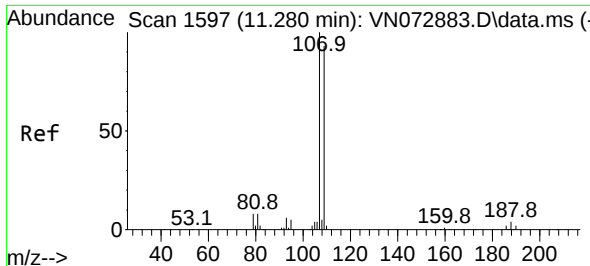


#60
Dibromochloromethane
Concen: 54.731 ug/l
RT: 11.169 min Scan# 1578
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



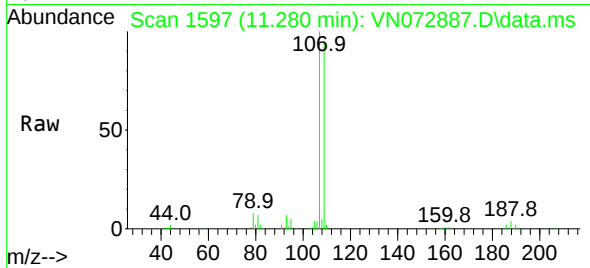
Tgt Ion:129 Resp: 231216
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.941 ug/l
RT: 11.280 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

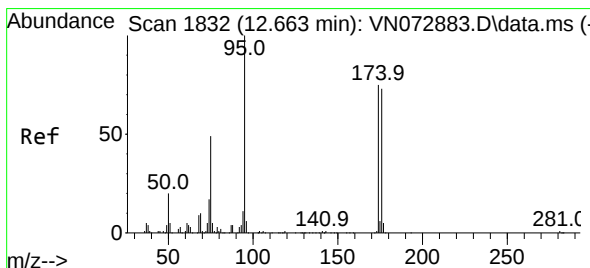
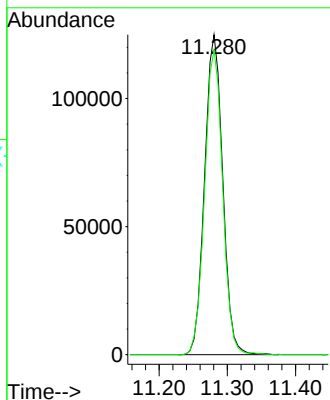
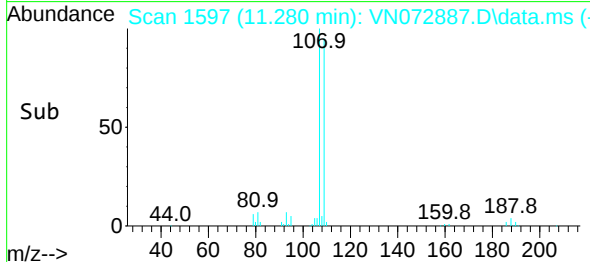
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



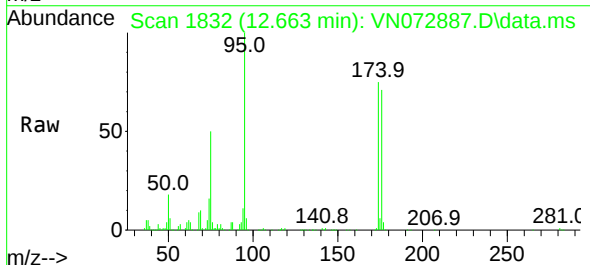
Tgt Ion:107 Resp: 231154
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

Manual Integrations
APPROVED

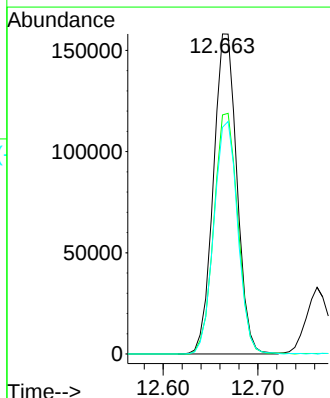
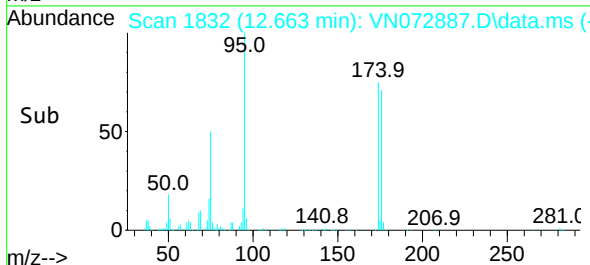
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

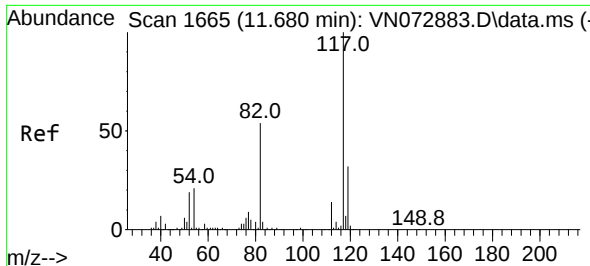


#62
4-Bromofluorobenzene
Concen: 57.994 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



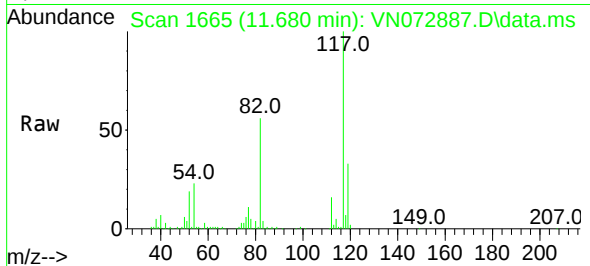
Tgt Ion: 95 Resp: 272736
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 73.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

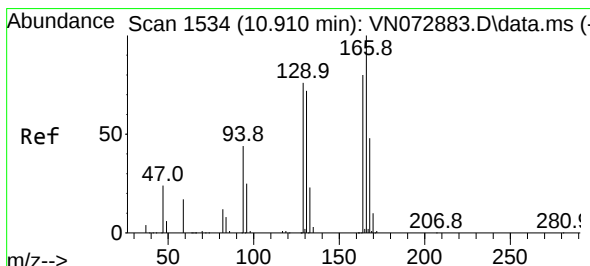
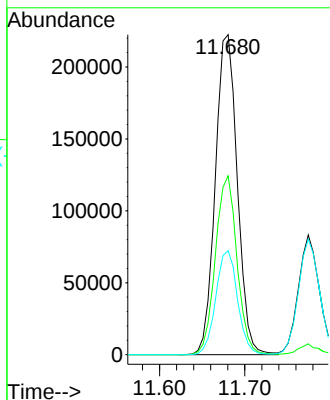
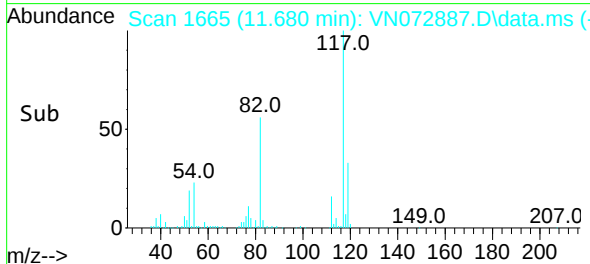
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



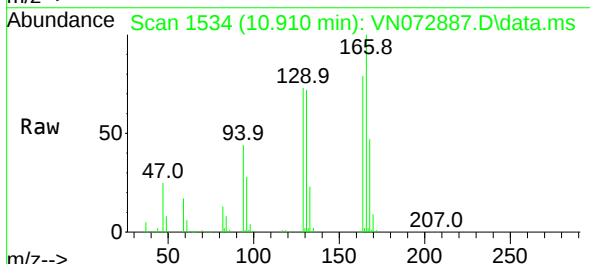
Tgt Ion:117 Resp: 399789
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

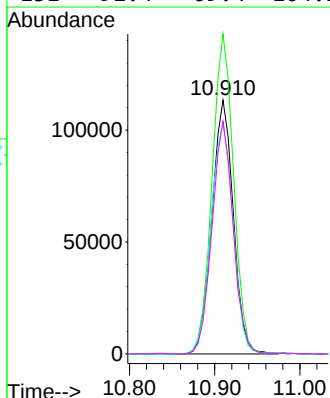
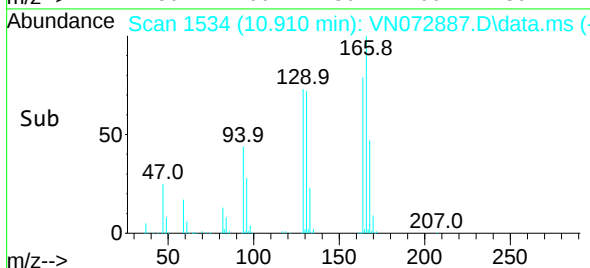
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

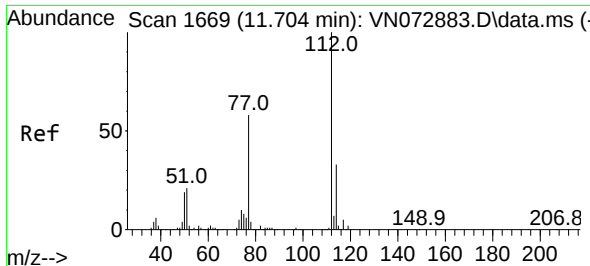


#64
Tetrachloroethene
Concen: 51.649 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



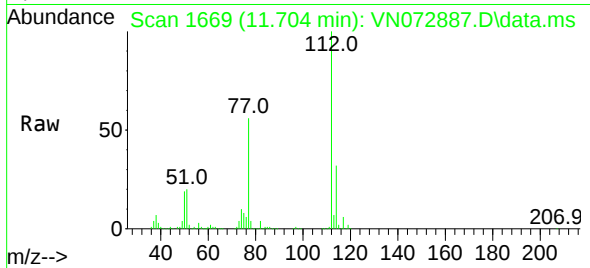
Tgt Ion:164 Resp: 198251
Ion Ratio Lower Upper
164 100
166 126.1 104.2 156.2
129 91.8 73.9 110.9
131 91.4 69.4 104.2





#65
Chlorobenzene
Concen: 53.438 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

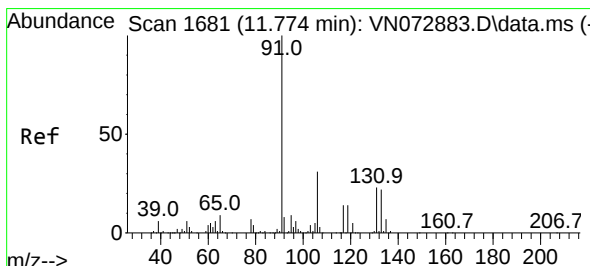
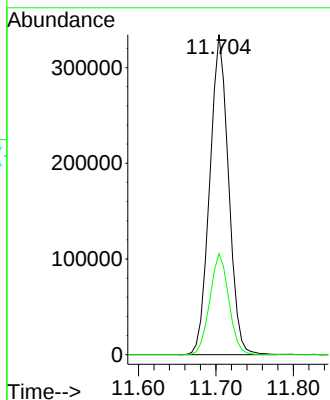
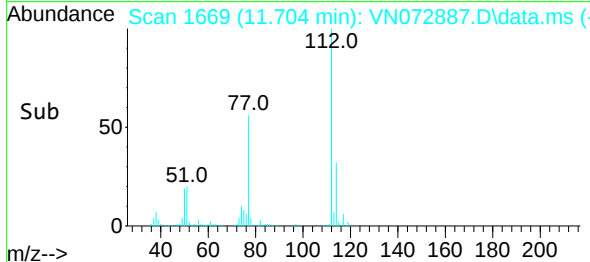
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



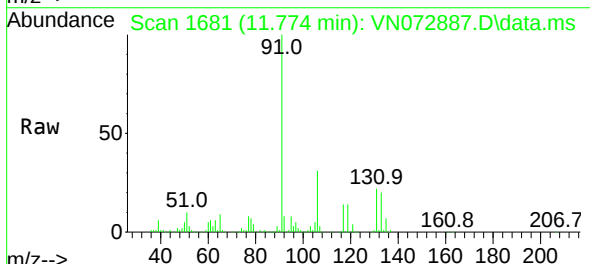
Tgt Ion:112 Resp: 562923
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
APPROVED

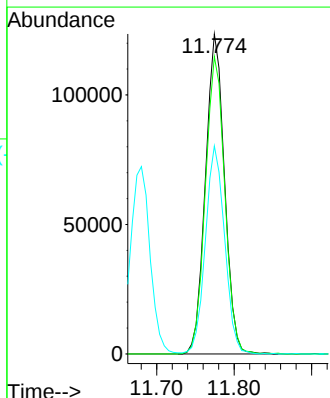
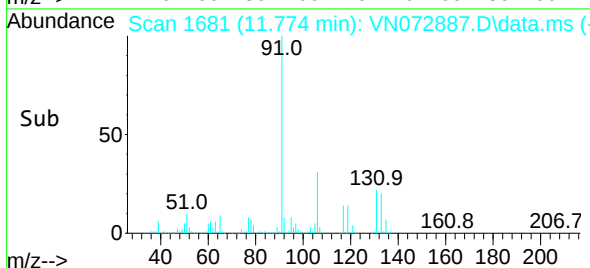
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

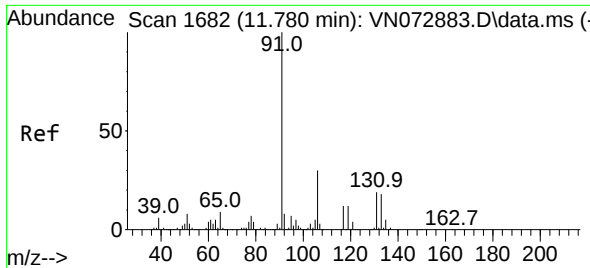


#66
1,1,1,2-Tetrachloroethane
Concen: 51.825 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



Tgt Ion:131 Resp: 211066
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 65.7 33.4 100.2





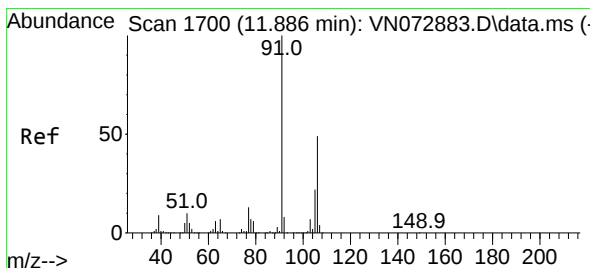
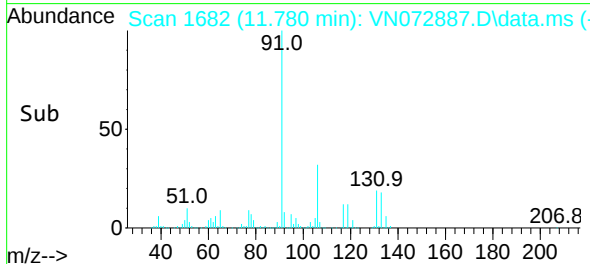
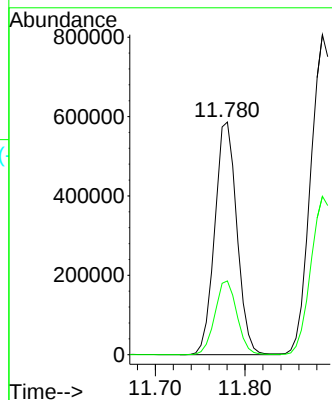
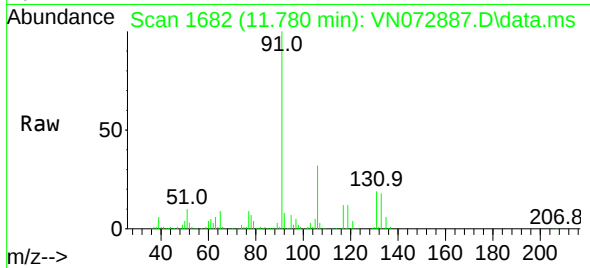
#67
Ethyl Benzene
Concen: 53.924 ug/l
RT: 11.780 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 100389
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

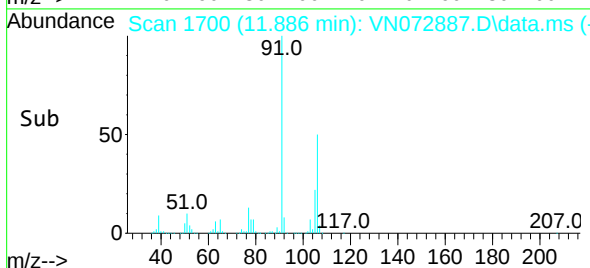
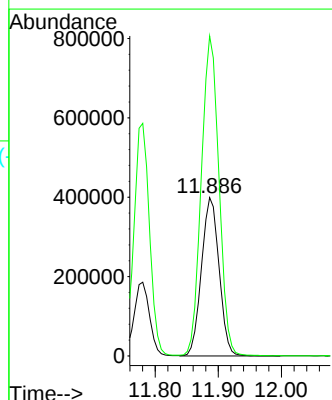
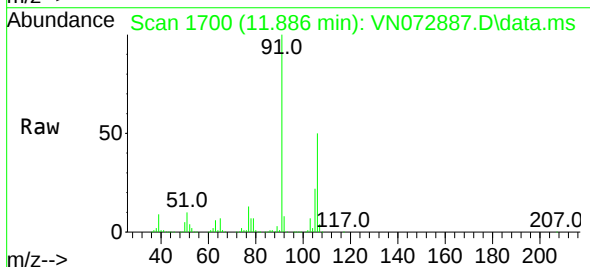
Manual Integrations
APPROVED

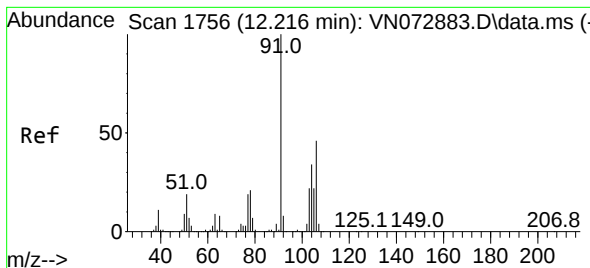
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 108.272 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

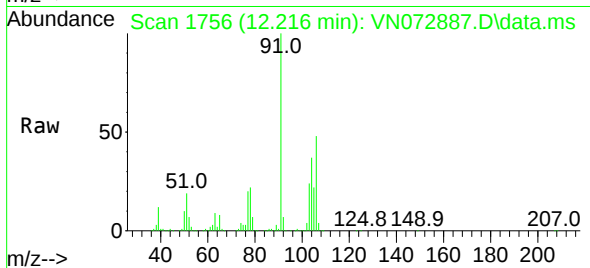
Tgt Ion:106 Resp: 773948
Ion Ratio Lower Upper
106 100
91 201.6 158.9 238.3





#69
o-Xylene
Concen: 52.636 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

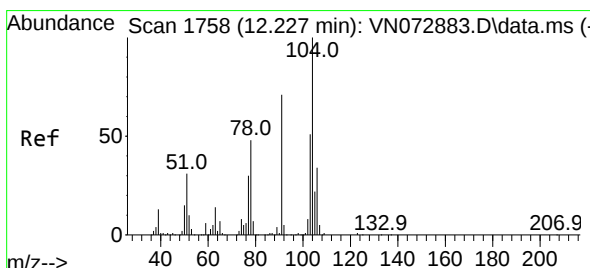
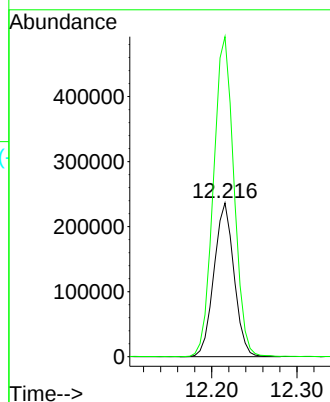
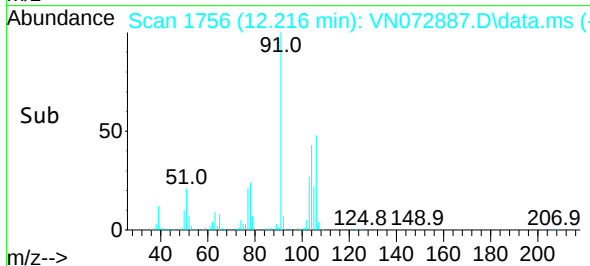
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 38602
Ion Ratio Lower Upper
106 100
91 213.2 106.0 318.0

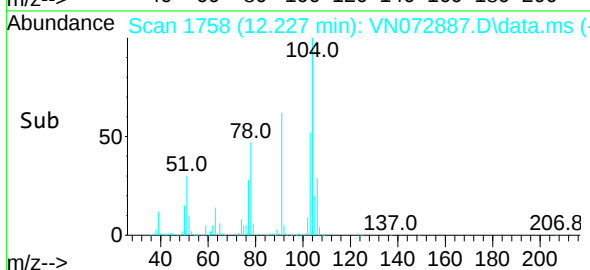
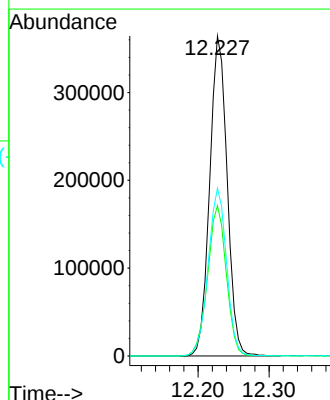
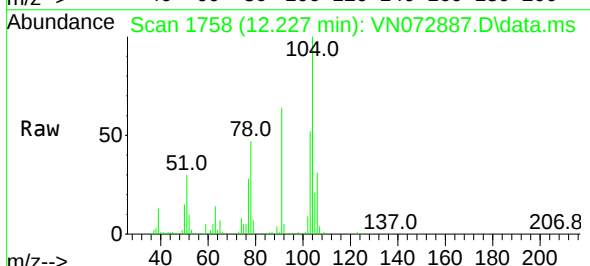
Manual Integrations
APPROVED

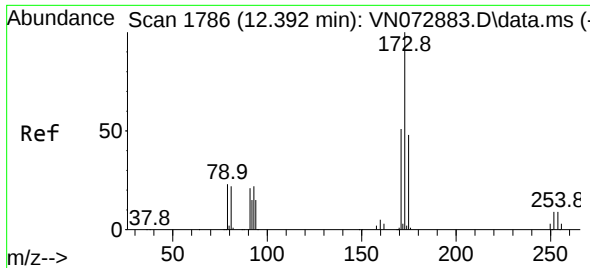
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#70
Styrene
Concen: 54.827 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

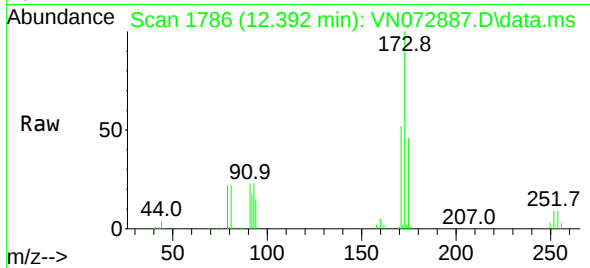
Tgt Ion:104 Resp: 622396
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 55.5 44.0 66.0





#71
Bromoform
Concen: 54.094 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

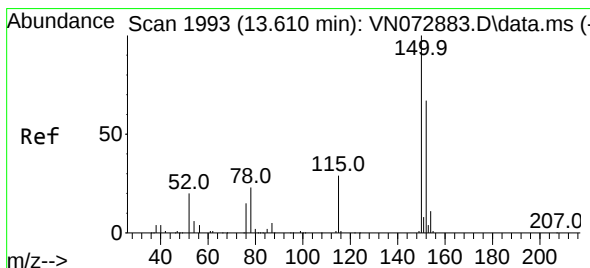
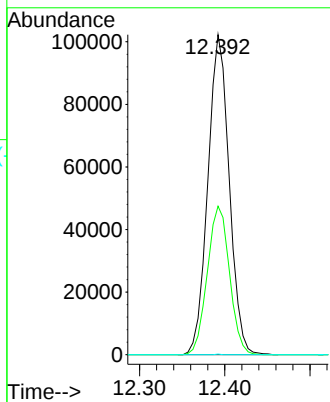
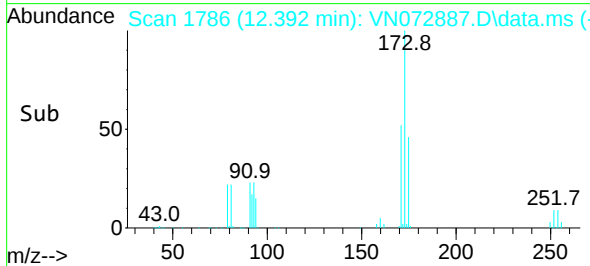
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



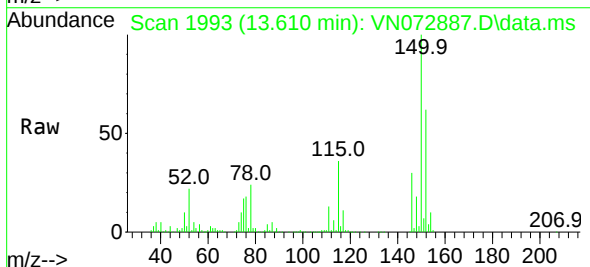
Tgt Ion:173 Resp: 178010
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

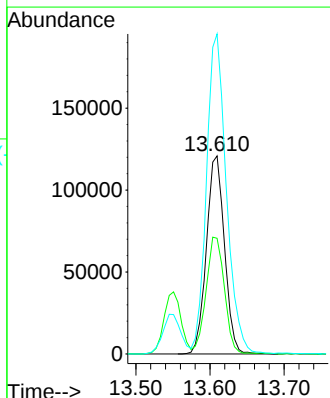
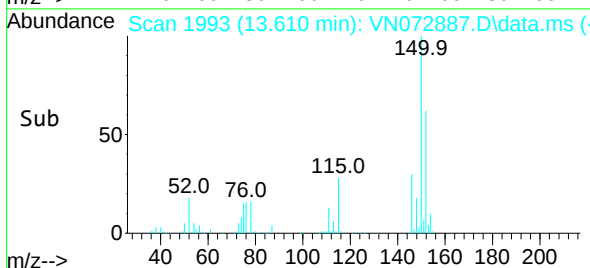
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

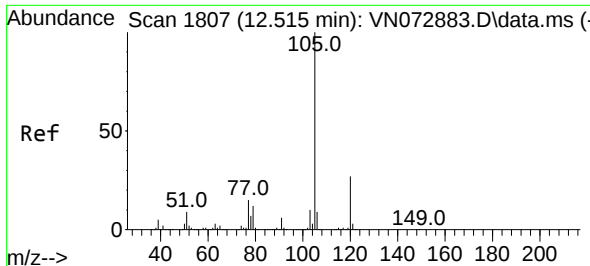


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



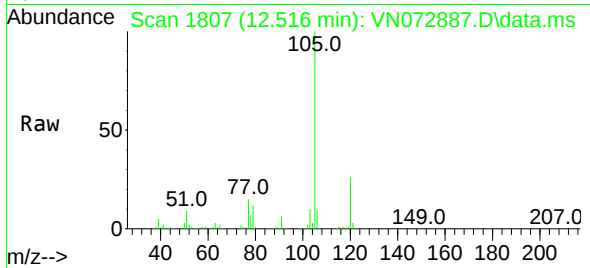
Tgt Ion:152 Resp: 204818
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 176.9 0.0 356.2





#73
Isopropylbenzene
Concen: 51.122 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

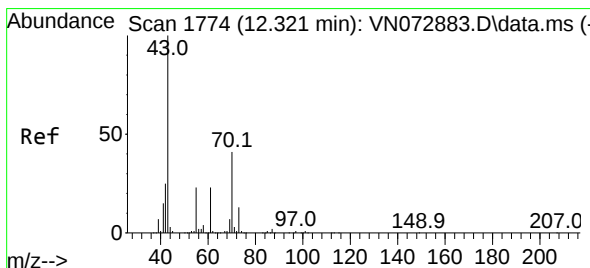
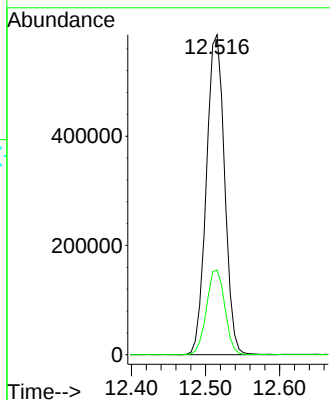
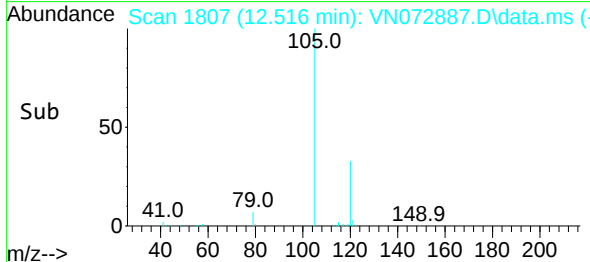
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



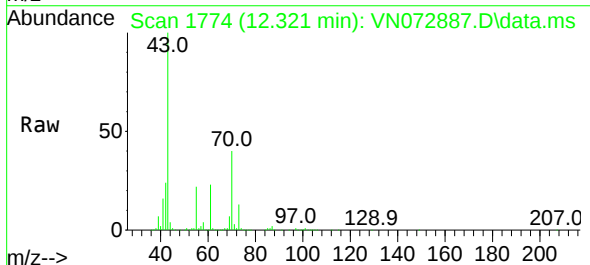
Tgt Ion:105 Resp: 998552
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

Manual Integrations
APPROVED

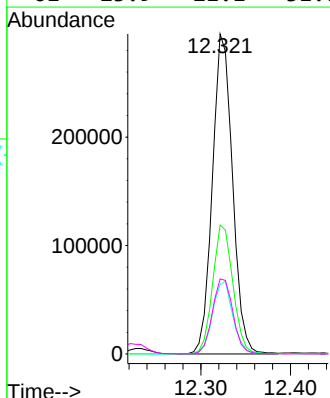
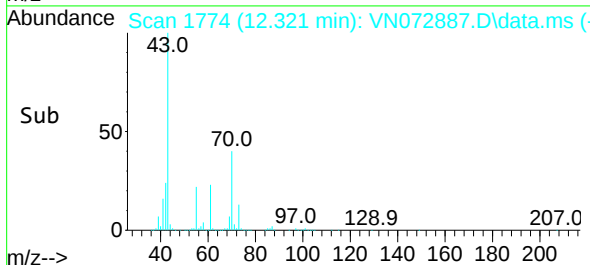
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

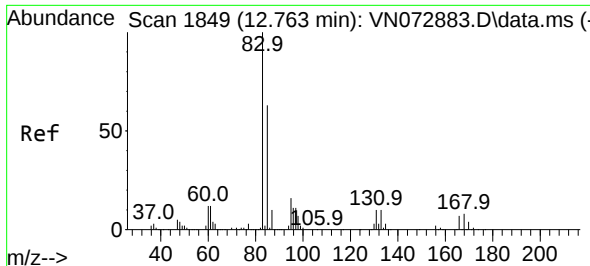


#74
N-ethyl acetate
Concen: 54.778 ug/l
RT: 12.321 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



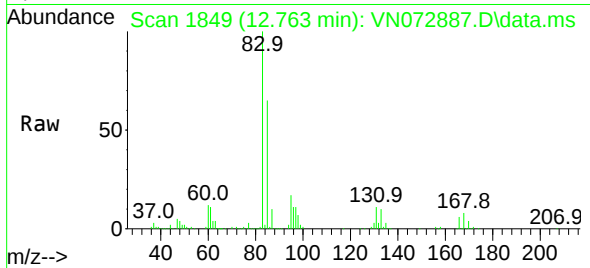
Tgt Ion: 43 Resp: 460056
Ion Ratio Lower Upper
43 100
70 40.5 39.0 58.4
55 22.9 21.1 31.7
61 23.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.364 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

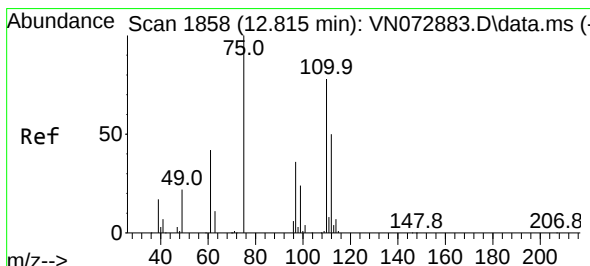
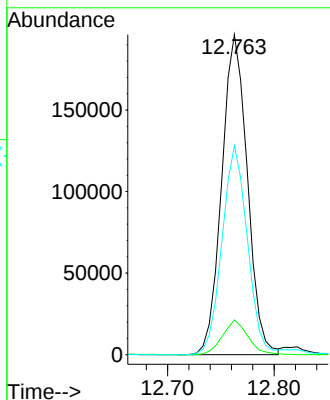
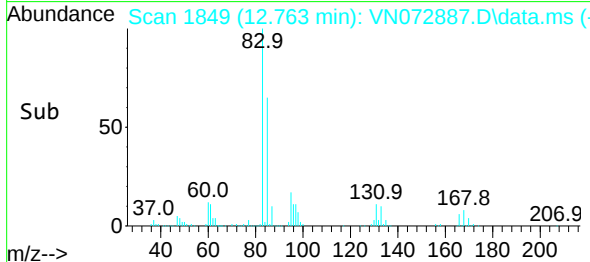
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



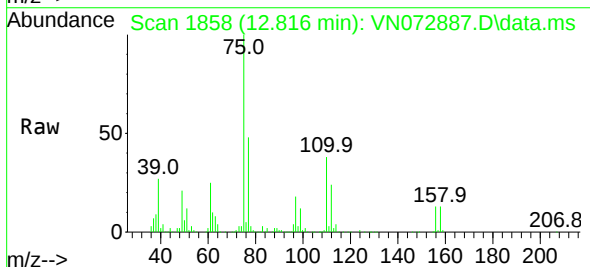
Tgt Ion: 83 Resp: 32804
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

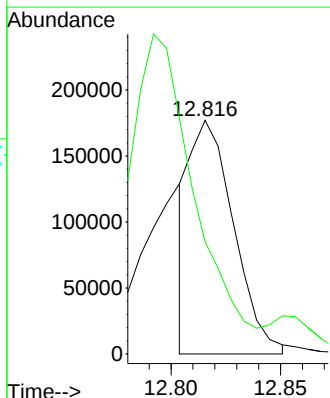
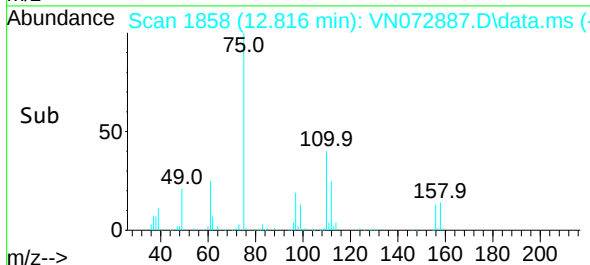
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

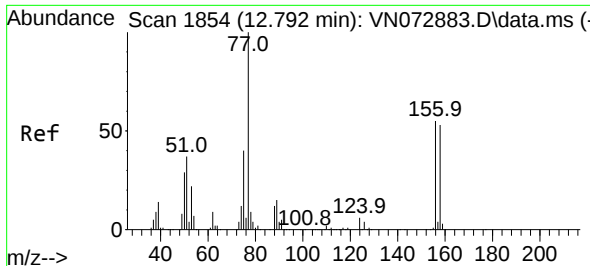


#76
1,2,3-Trichloropropane
Concen: 40.729 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



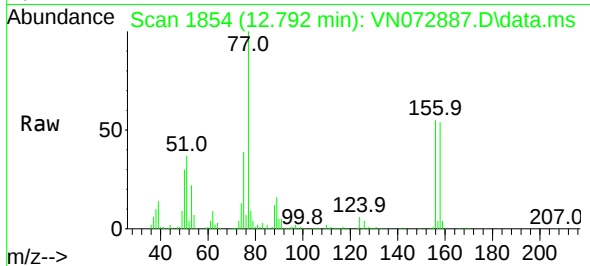
Tgt Ion: 75 Resp: 247960
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 51.202 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

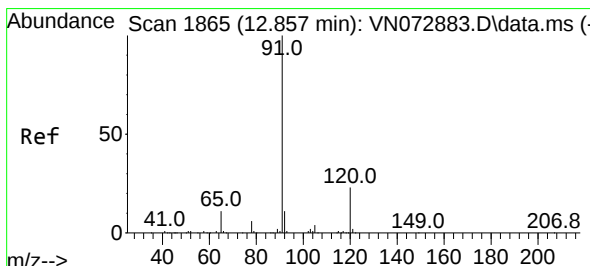
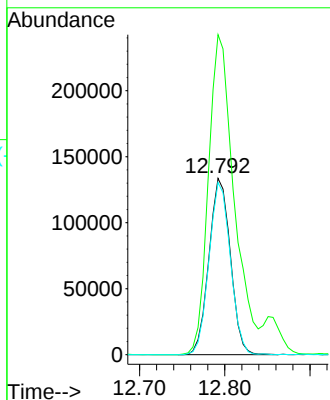
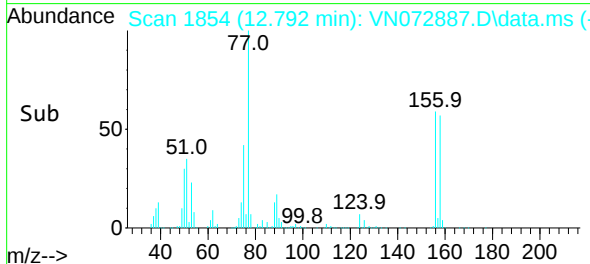
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



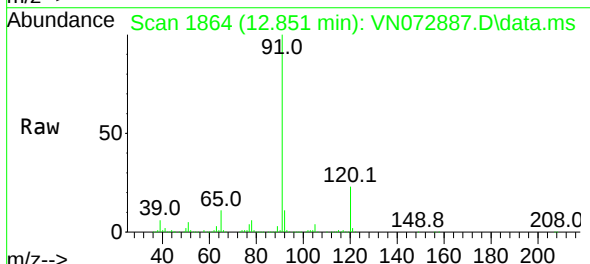
Tgt Ion:156 Resp: 23372
Ion Ratio Lower Upper
156 100
77 216.4 100.5 301.5
158 97.2 48.9 146.6

Manual Integrations
APPROVED

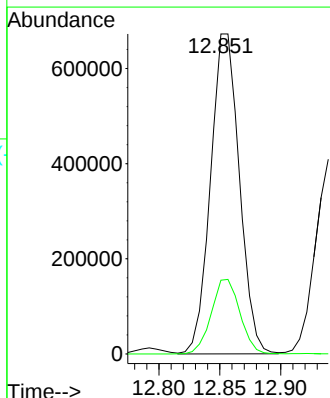
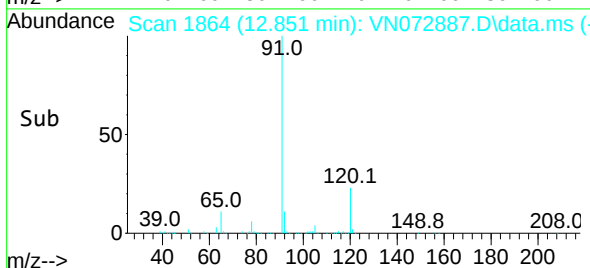
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

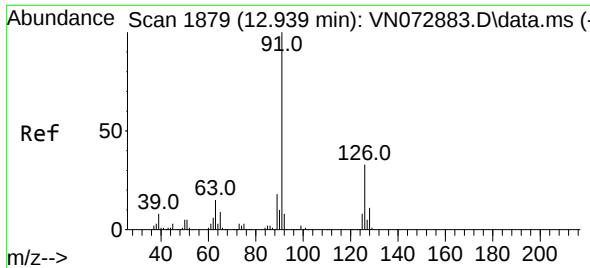


#78
n-propylbenzene
Concen: 54.551 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



Tgt Ion: 91 Resp: 1111241
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





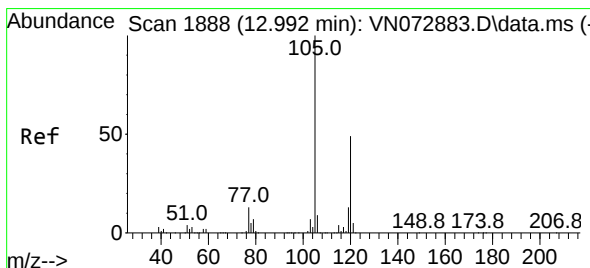
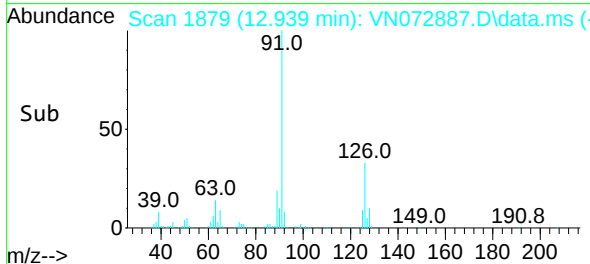
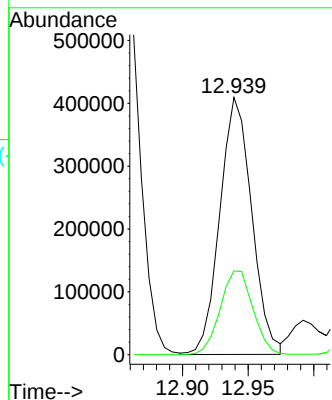
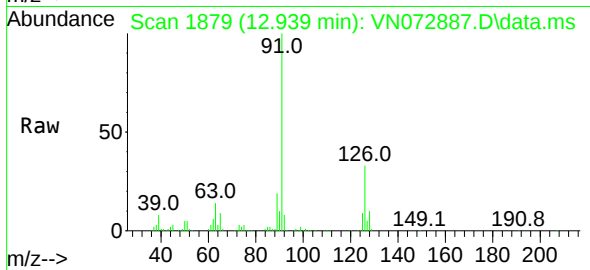
#79
2-Chlorotoluene
Concen: 52.301 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 692210
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9

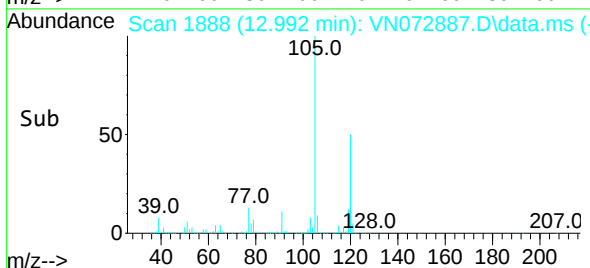
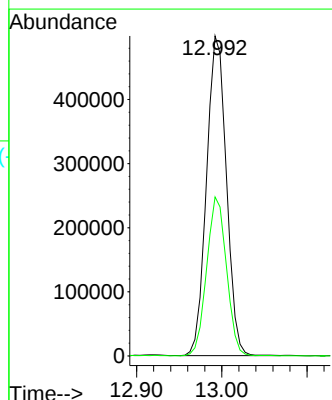
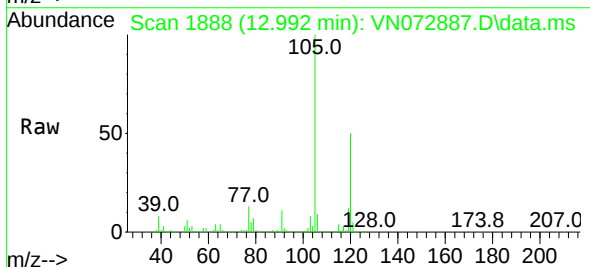
Manual Integrations
APPROVED

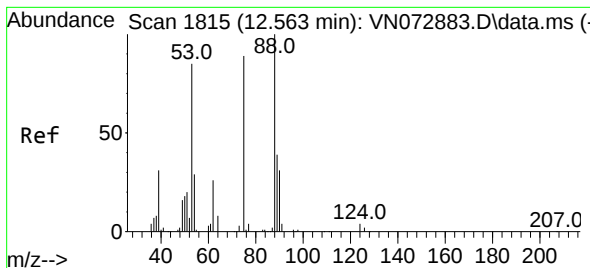
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.512 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

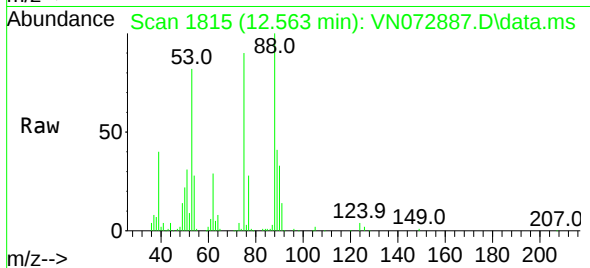
Tgt Ion:105 Resp: 806316
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.100 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

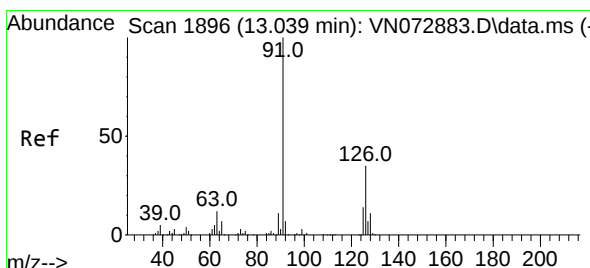
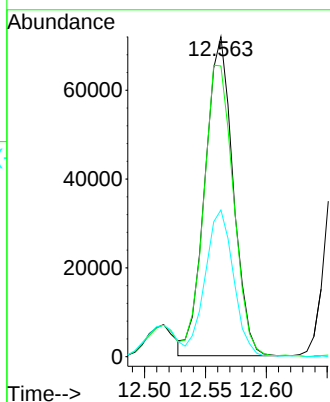
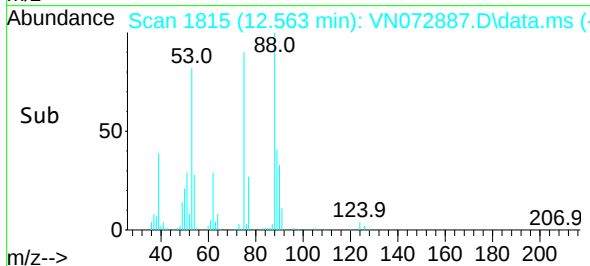
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



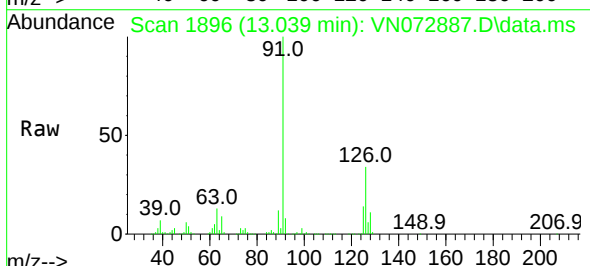
Tgt Ion: 75 Resp: 115638
Ion Ratio Lower Upper
75 100
53 97.2 78.0 117.0
89 45.9 37.2 55.8

Manual Integrations
APPROVED

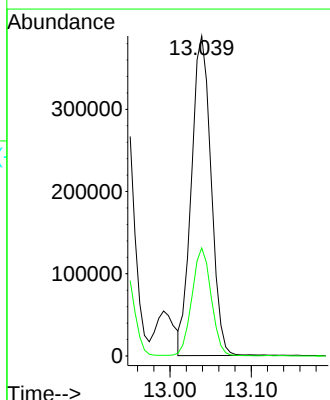
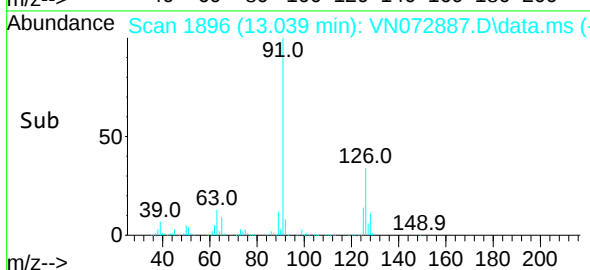
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

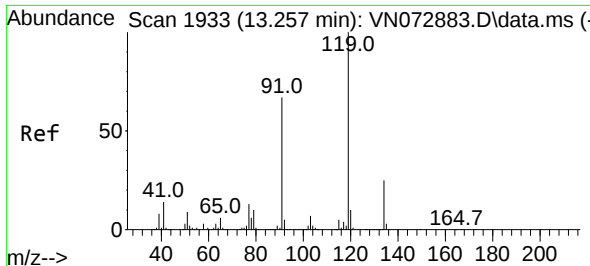


#82
4-Chlorotoluene
Concen: 53.322 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



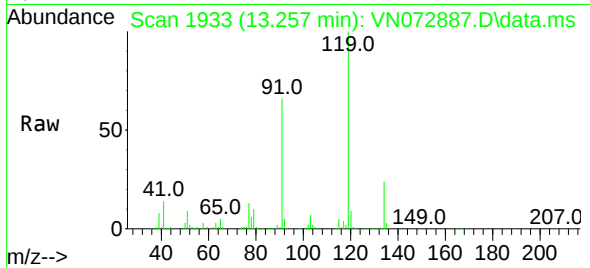
Tgt Ion: 91 Resp: 652488
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.599 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

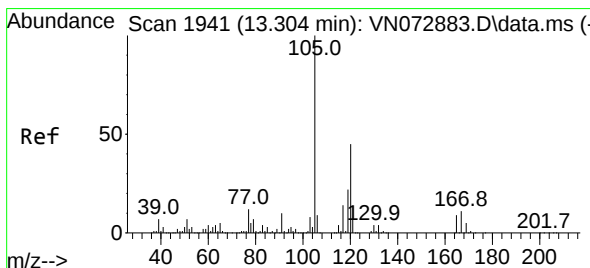
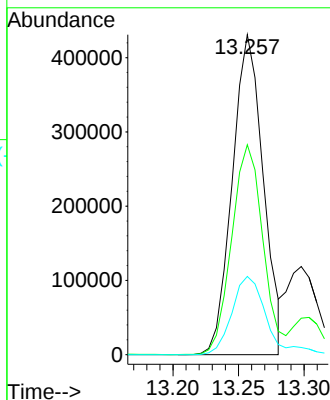
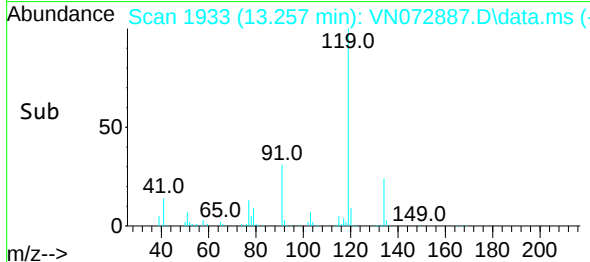
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



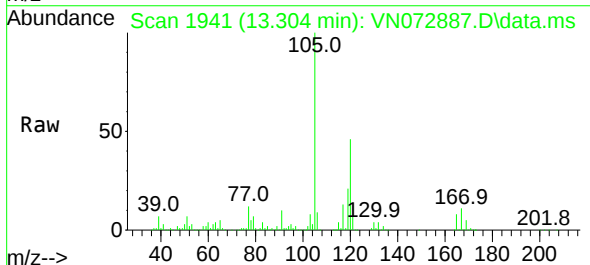
Tgt Ion:119 Resp: 708924
Ion Ratio Lower Upper
119 100
91 66.6 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
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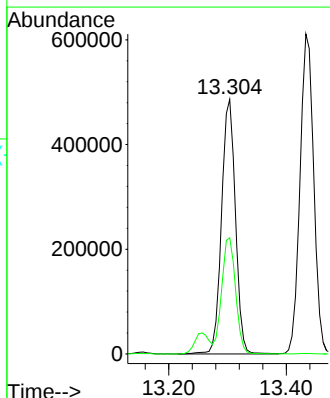
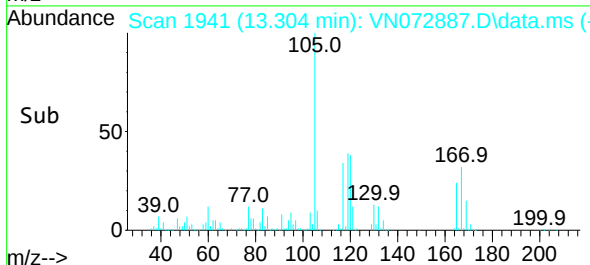
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

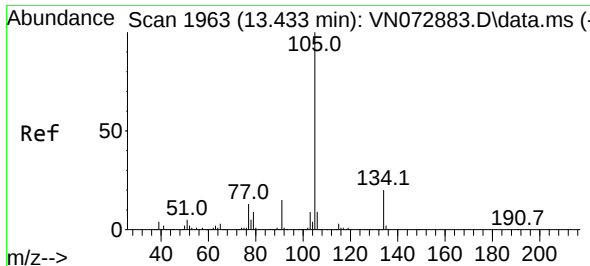


#84
1,2,4-Trimethylbenzene
Concen: 53.017 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



Tgt Ion:105 Resp: 797834
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





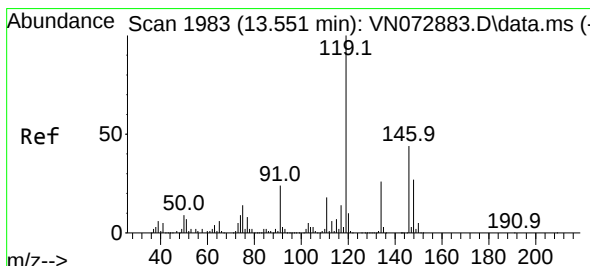
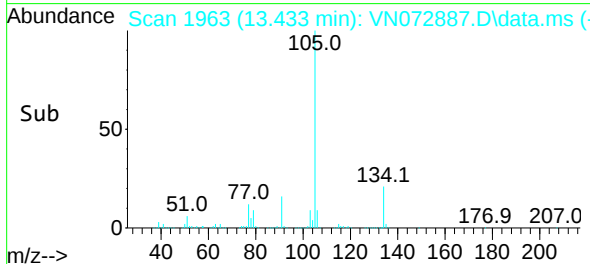
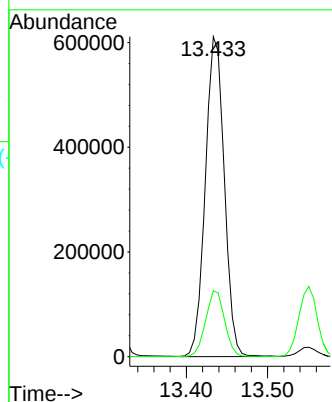
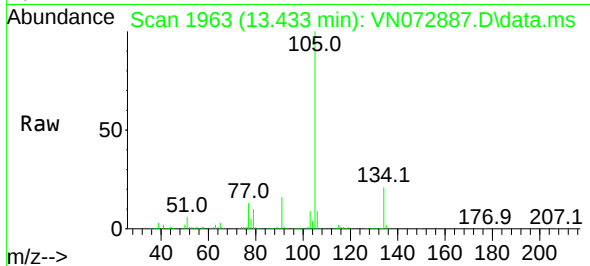
#85
 sec-Butylbenzene
 Concen: 54.572 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN072887.D
 Acq: 16 Jun 2022 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 99123
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

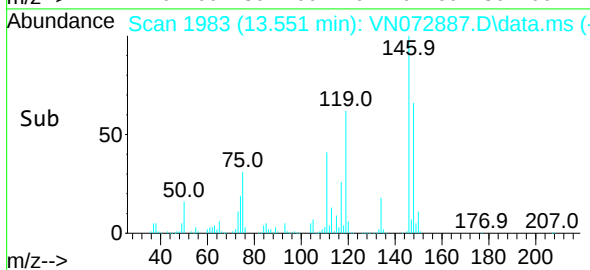
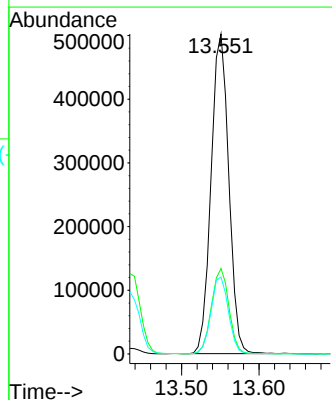
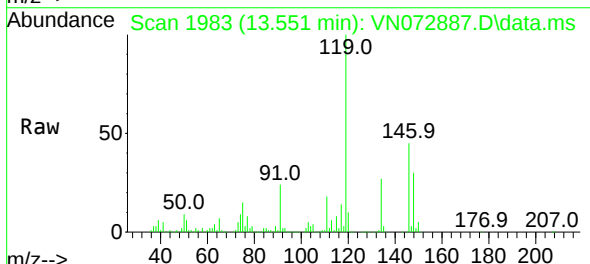
Manual Integrations
 APPROVED

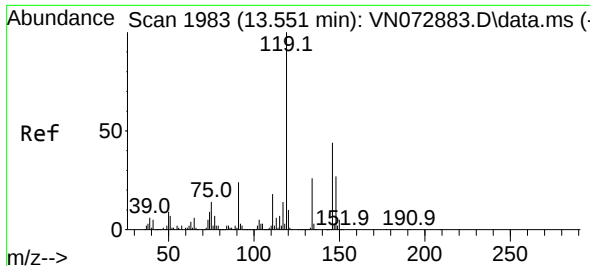
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 54.481 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072887.D
 Acq: 16 Jun 2022 18:13

Tgt Ion:119 Resp: 798698
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.182 ug/l

RT: 13.545 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 38816

Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

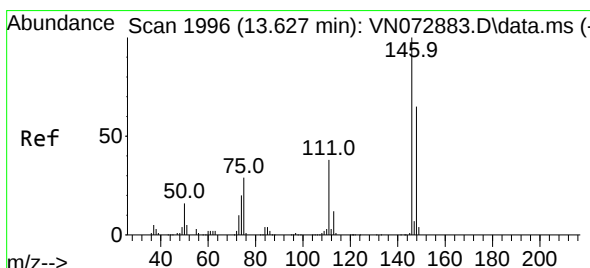
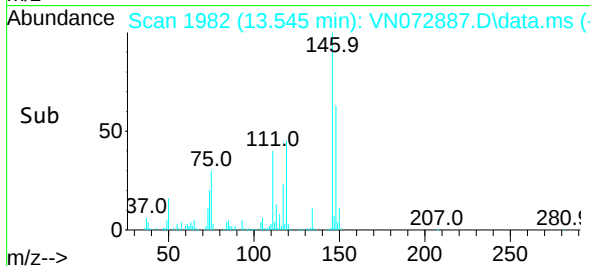
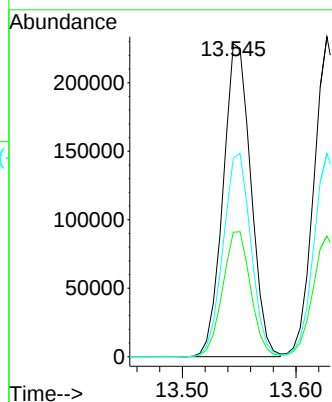
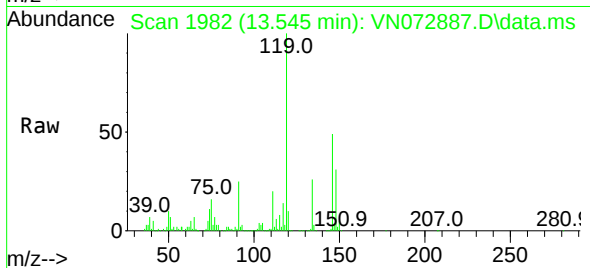
148 64.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#88

1,4-Dichlorobenzene

Concen: 51.105 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN072887.D

Acq: 16 Jun 2022 18:13

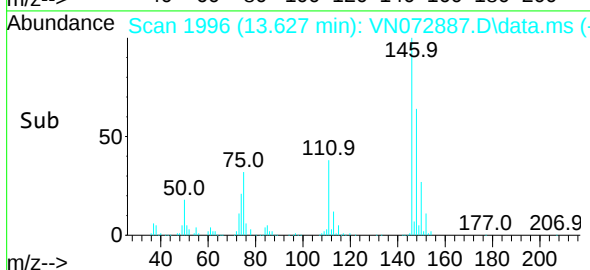
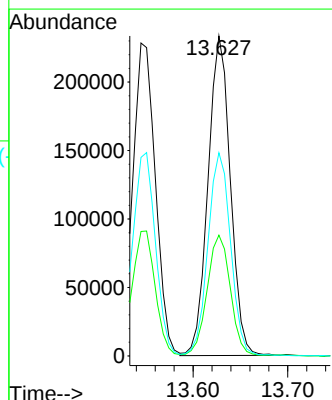
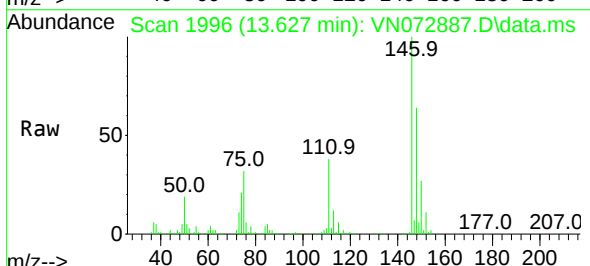
Tgt Ion:146 Resp: 383349

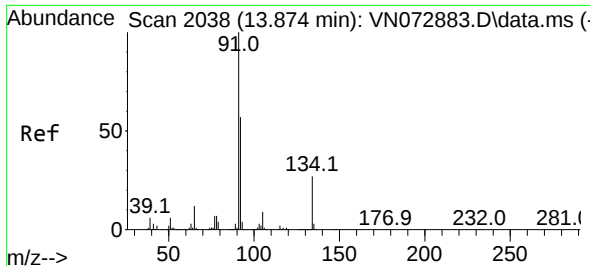
Ion Ratio Lower Upper

146 100

111 39.8 19.1 57.1

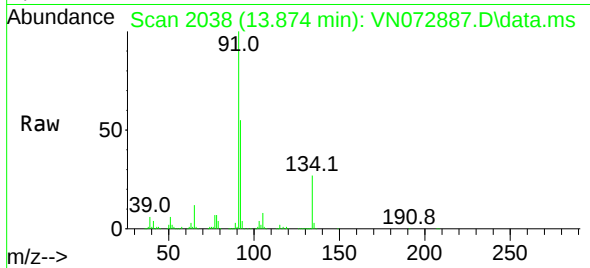
148 64.8 31.4 94.3





#89
n-Butylbenzene
Concen: 57.741 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

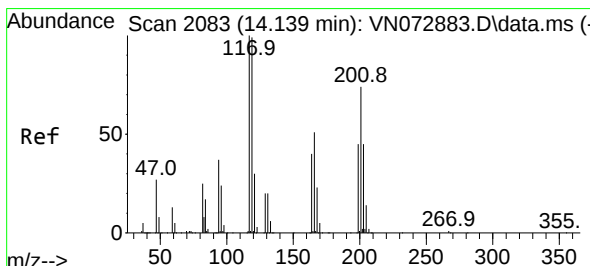
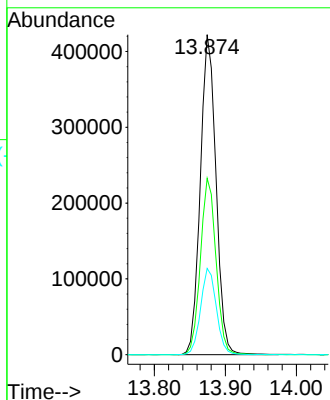
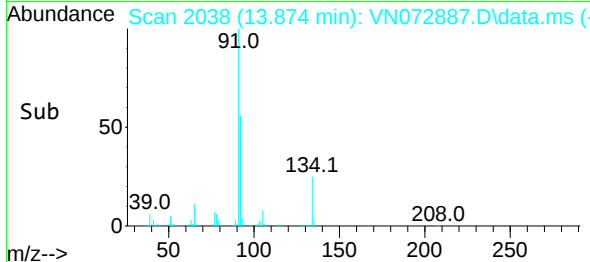
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 650634
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.7
134 27.0 13.6 40.8

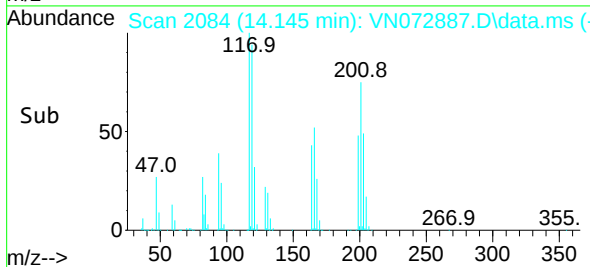
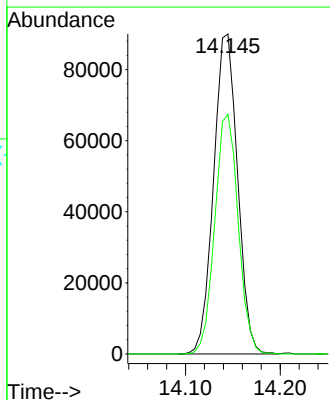
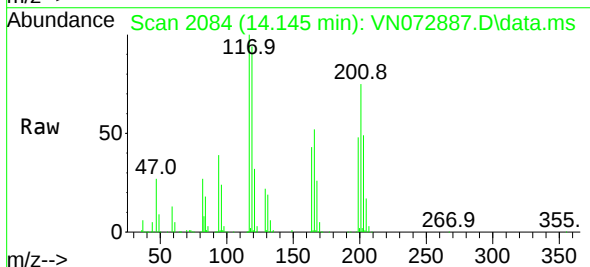
Manual Integrations
APPROVED

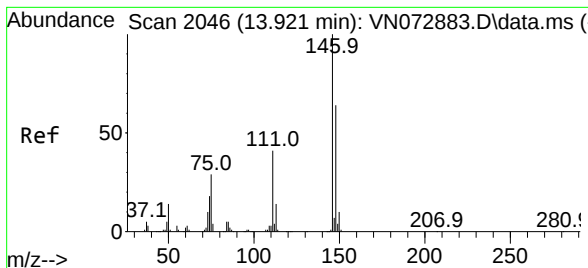
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 50.064 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

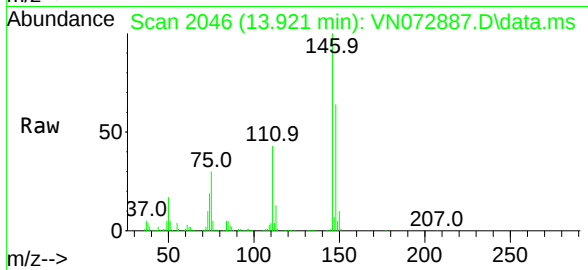
Tgt Ion:117 Resp: 158680
Ion Ratio Lower Upper
117 100
201 73.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 52.228 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

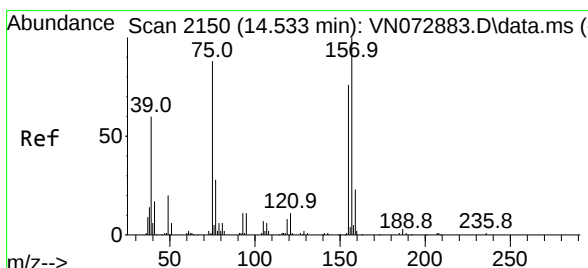
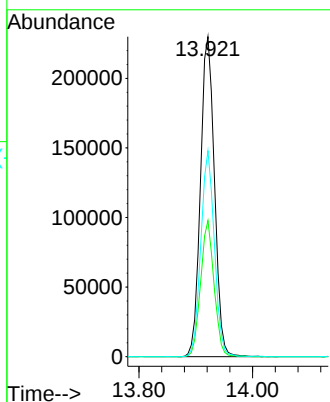
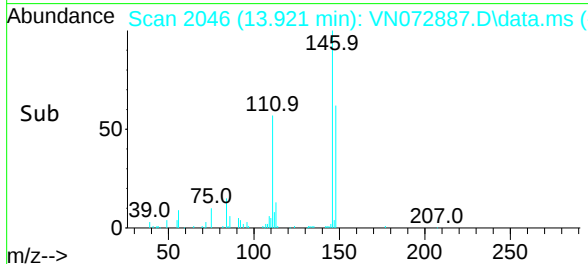
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



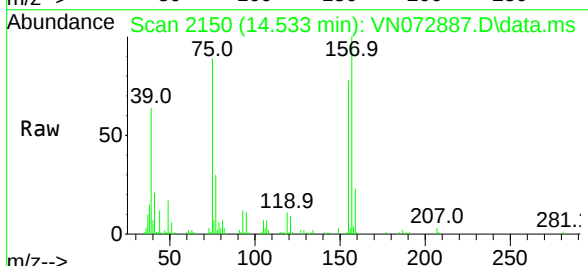
Tgt Ion:146 Resp: 392770
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 62.5 32.1 96.3

Manual Integrations
APPROVED

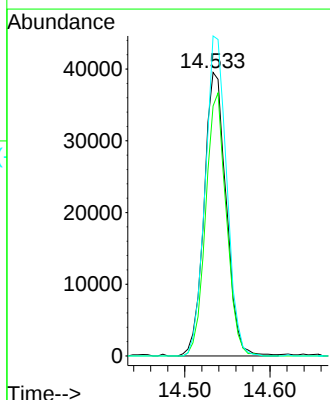
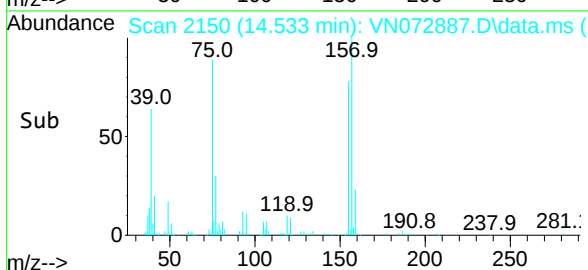
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

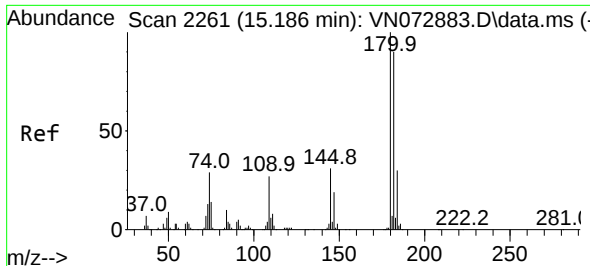


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.216 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



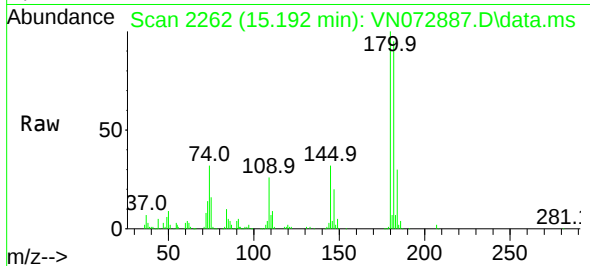
Tgt Ion: 75 Resp: 71376
Ion Ratio Lower Upper
75 100
155 86.2 44.9 134.5
157 109.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 53.920 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

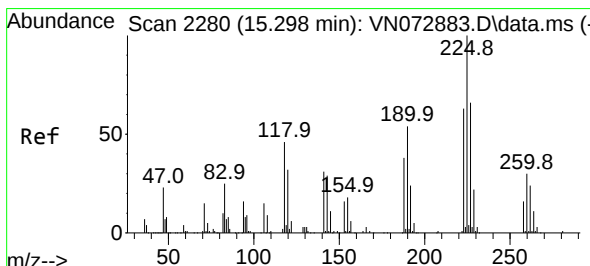
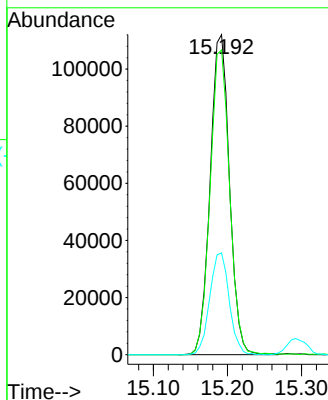
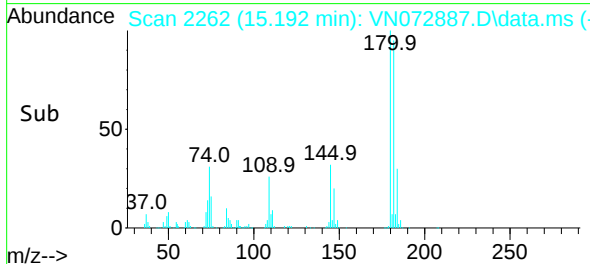
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



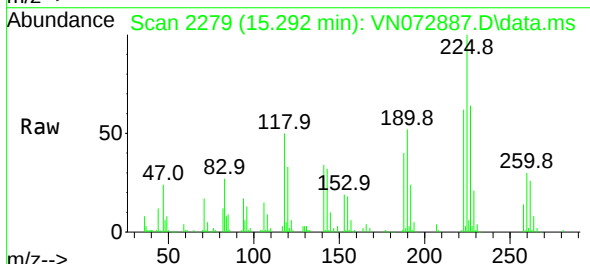
Tgt Ion:180 Resp: 20264
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.5
145 32.1 14.5 43.5

Manual Integrations
APPROVED

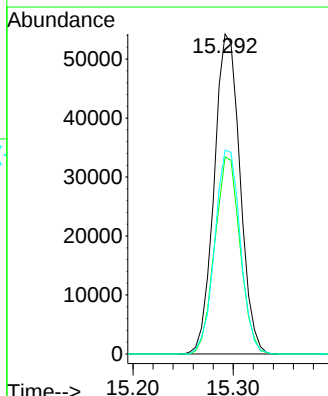
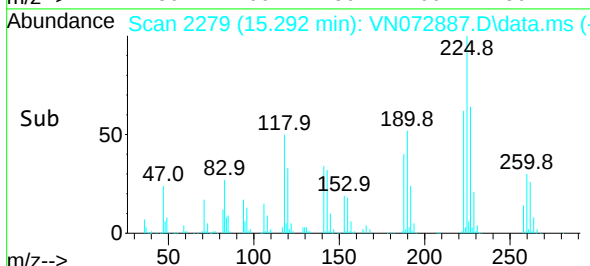
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

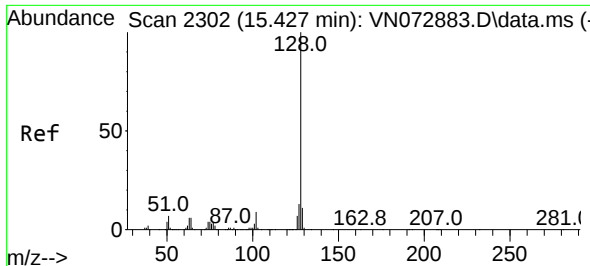


#94
Hexachlorobutadiene
Concen: 52.110 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



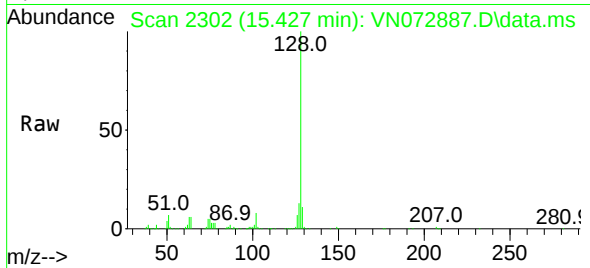
Tgt Ion:225 Resp: 96939
Ion Ratio Lower Upper
225 100
223 60.3 32.4 97.2
227 63.1 31.8 95.4





#95
Naphthalene
Concen: 54.095 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13

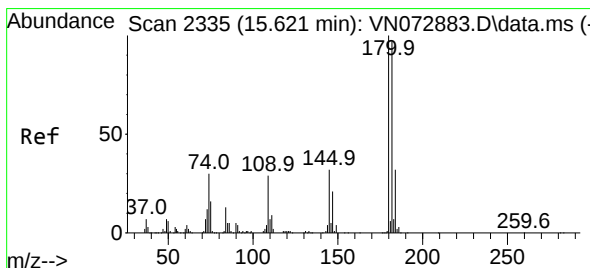
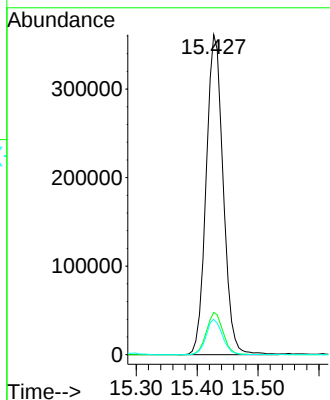
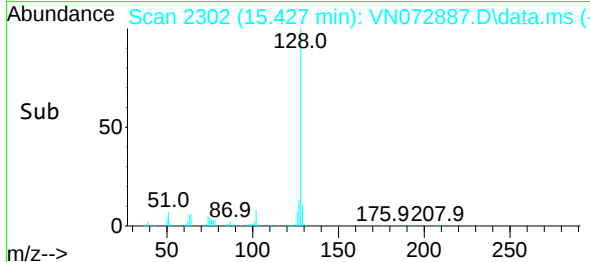
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



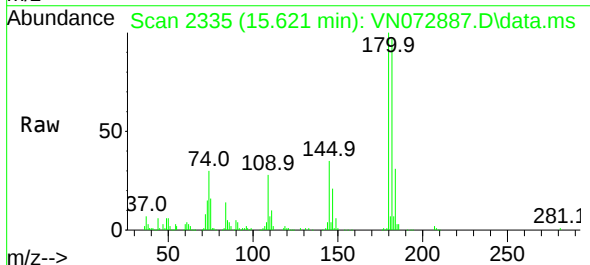
Tgt Ion:128 Resp: 70197
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.082 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN072887.D
Acq: 16 Jun 2022 18:13



Tgt Ion:180 Resp: 205571
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 32.6 15.5 46.5

