

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072883.D
 Acq On : 16 Jun 2022 12:16
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 05:35:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 05:32:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	254210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	414303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	430680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	224840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	251733	53.599	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.200%			
35) Dibromofluoromethane	7.945	113	200652	53.317	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.640%			
50) Toluene-d8	10.374	98	768267	52.154	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.663	95	282777	55.337	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	191352	54.010	ug/l	96
3) Chloromethane	2.269	50	210106	51.703	ug/l	99
4) Vinyl Chloride	2.404	62	163785	52.533	ug/l	98
5) Bromomethane	2.787	94	71043	58.311	ug/l	92
6) Chloroethane	2.957	64	93768	51.155	ug/l	95
7) Trichlorofluoromethane	3.310	101	309532	52.311	ug/l	98
8) Diethyl Ether	3.769	74	132501	53.150	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.140	101	171038	51.100	ug/l	97
10) Methyl Iodide	4.351	142	237005	56.020	ug/l	100
11) Tert butyl alcohol	5.292	59	315434	257.949	ug/l	100
12) 1,1-Dichloroethene	4.116	96	179624	50.667	ug/l	94
13) Acrolein	3.981	56	93809	243.147	ug/l	99
14) Allyl chloride	4.757	41	369429	51.409	ug/l	94
15) Acrylonitrile	5.475	53	708538	267.003	ug/l	100
16) Acetone	4.222	43	620565	261.776	ug/l	96
17) Carbon Disulfide	4.457	76	487047	50.763	ug/l	100
18) Methyl Acetate	4.775	43	328858	48.663	ug/l	94
19) Methyl tert-butyl Ether	5.534	73	683630	52.708	ug/l	99
20) Methylene Chloride	5.016	84	218380	51.503	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	189064	50.407	ug/l	99
22) Diisopropyl ether	6.416	45	700679	52.742	ug/l	97
23) Vinyl Acetate	6.351	43	3251073	269.247	ug/l	96
24) 1,1-Dichloroethane	6.304	63	365354	52.527	ug/l	100
25) 2-Butanone	7.263	43	1004375	266.014	ug/l	93
26) 2,2-Dichloropropane	7.245	77	314589	50.068	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	229149	50.401	ug/l	99
28) Bromochloromethane	7.580	49	150944	50.646	ug/l	93
29) Tetrahydrofuran	7.610	42	670454	267.851	ug/l	90
30) Chloroform	7.745	83	369527	51.483	ug/l	99
31) Cyclohexane	8.022	56	317770	50.466	ug/l	96
32) 1,1,1-Trichloroethane	7.939	97	338569	53.268	ug/l	98
36) 1,1-Dichloropropene	8.145	75	264358	51.435	ug/l	100
37) Ethyl Acetate	7.339	43	407026	54.721	ug/l	96
38) Carbon Tetrachloride	8.133	117	287534	51.961	ug/l	97
39) Methylcyclohexane	9.392	83	327710	51.372	ug/l	95
40) Benzene	8.386	78	844606	51.576	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	199090	51.413	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	306174	51.852	ug/l	99
43) Isopropyl Acetate	8.492	43	608808	52.588	ug/l	95
44) Trichloroethene	9.145	130	221463	50.583	ug/l	94
45) 1,2-Dichloropropane	9.422	63	212673	51.468	ug/l	97
46) Dibromomethane	9.510	93	149508	52.139	ug/l	97
47) Bromodichloromethane	9.698	83	304322	52.393	ug/l	99
48) Methyl methacrylate	9.492	41	279755	52.905	ug/l	93
49) 1,4-Dioxane	9.504	88	120406	1074.966	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	1953464	260.845	ug/l	93
52) Toluene	10.439	92	545257	51.451	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	347399	52.493	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	363945	52.969	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	220758	51.598	ug/l	99
56) Ethyl methacrylate	10.698	69	388233	53.434	ug/l	89
57) 1,3-Dichloropropane	10.980	76	380396	52.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.974	63	718379	279.710	ug/l	98
59) 2-Hexanone	11.021	43	1507215	271.035	ug/l	92
60) Dibromochloromethane	11.174	129	244699	53.307	ug/l	99
61) 1,2-Dibromoethane	11.280	107	243067	52.201	ug/l	98
64) Tetrachloroethene	10.910	164	202778	49.039	ug/l	96
65) Chlorobenzene	11.704	112	584854	51.538	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.774	131	225327	51.359	ug/l	97
67) Ethyl Benzene	11.780	91	1037374	51.752	ug/l	99
68) m/p-Xylenes	11.886	106	791162	102.742	ug/l	97
69) o-Xylene	12.216	106	398080	50.386	ug/l	98
70) Styrene	12.227	104	644734	52.721	ug/l	99
71) Bromoform	12.392	173	191466	54.010	ug/l #	98
73) Isopropylbenzene	12.515	105	1012240	47.208	ug/l	99
74) N-amyl acetate	12.321	43	484711	52.826	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	339478	48.421	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	317412m	47.354	ug/l	
77) Bromobenzene	12.792	156	242510	48.395	ug/l	93
78) n-propylbenzene	12.857	91	1129668	50.517	ug/l	99
79) 2-Chlorotoluene	12.939	91	707618	48.547	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	827101	48.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	119143	50.698	ug/l	100
82) 4-Chlorotoluene	13.039	91	664913	49.498	ug/l	98
83) tert-Butylbenzene	13.257	119	731421	47.555	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	811003	49.093	ug/l	97
85) sec-Butylbenzene	13.433	105	1001218	50.213	ug/l	99
86) p-Isopropyltoluene	13.551	119	815801	50.692	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	399845	48.985	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	395317	48.098	ug/l	99
89) n-Butylbenzene	13.874	91	648599	52.435	ug/l	99
90) Hexachloroethane	14.139	117	167134	48.035	ug/l	91
91) 1,2-Dichlorobenzene	13.921	146	401630	48.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	76871	45.177	ug/l	95
93) 1,2,4-Trichlorobenzene	15.186	180	212531	51.516	ug/l	98
94) Hexachlorobutadiene	15.298	225	95050	46.544	ug/l	98
95) Naphthalene	15.427	128	756415	53.100	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	212505	51.870	ug/l	99

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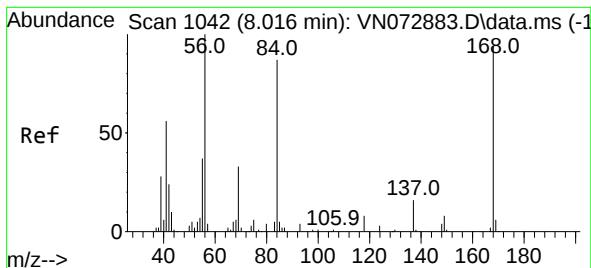
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

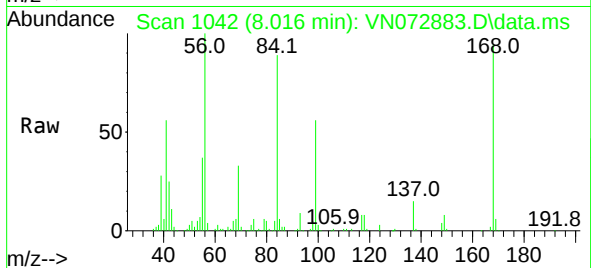
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072883.D
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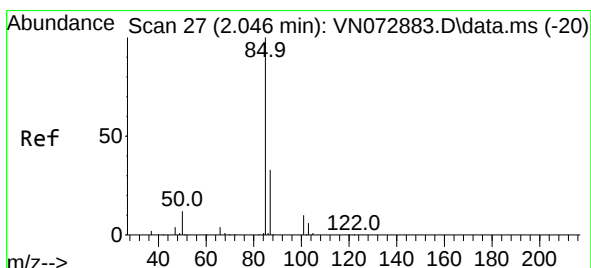
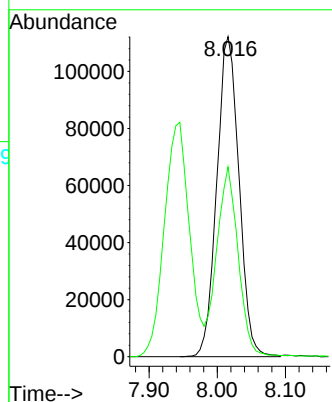
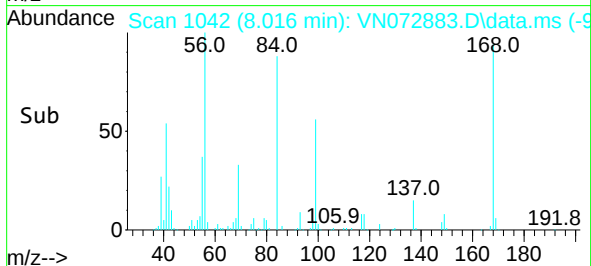
Instrument :
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VSTDICCC050



Tgt Ion:168 Resp: 254210
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5

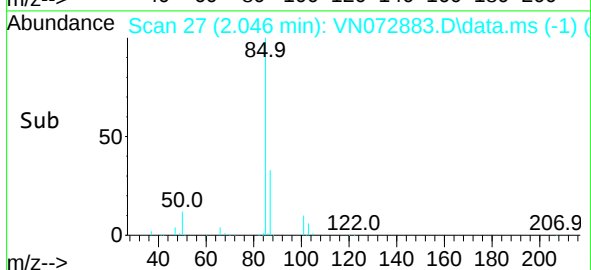
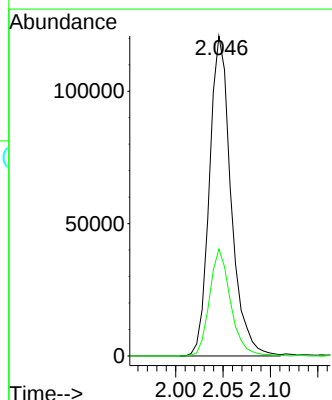
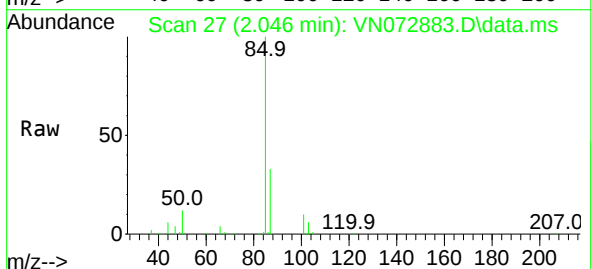
Manual Integrations
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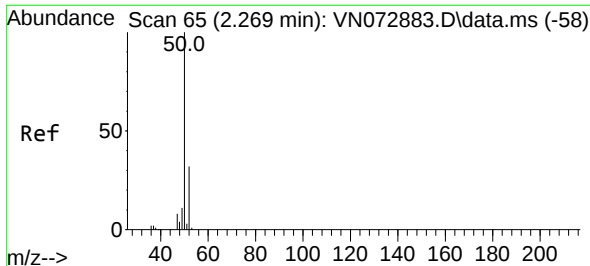
Reviewed By :John Carlone 06/20/2022
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#2
Dichlorodifluoromethane
Concen: 54.010 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

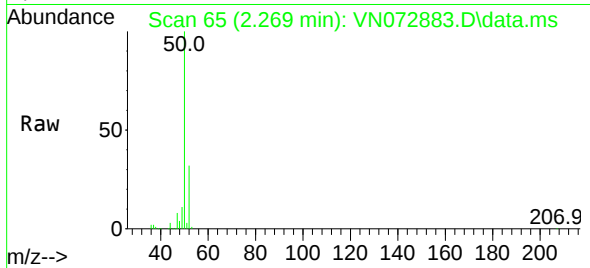
Tgt Ion: 85 Resp: 191352
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.1





#3
Chloromethane
Concen: 51.703 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

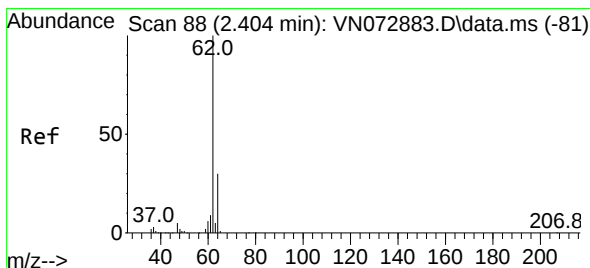
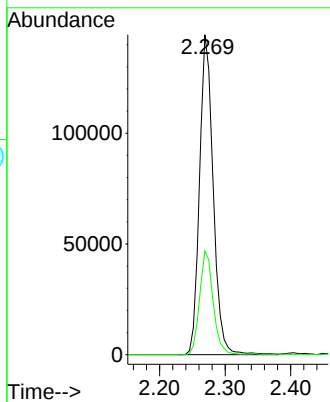
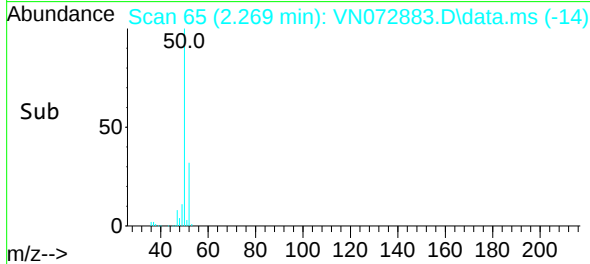
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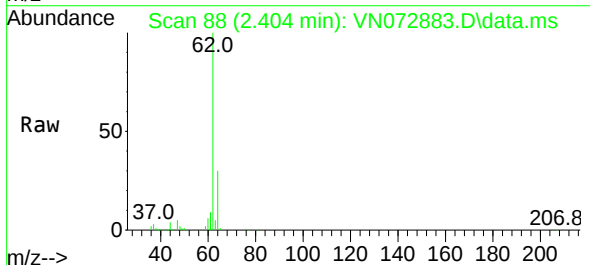
Tgt Ion: 50 Resp: 210100
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5

Manual Integrations
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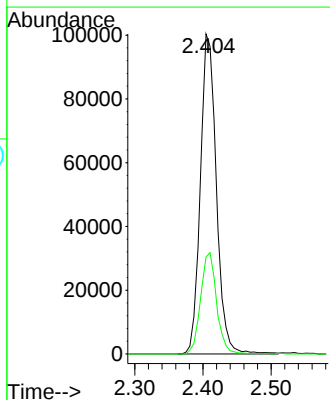
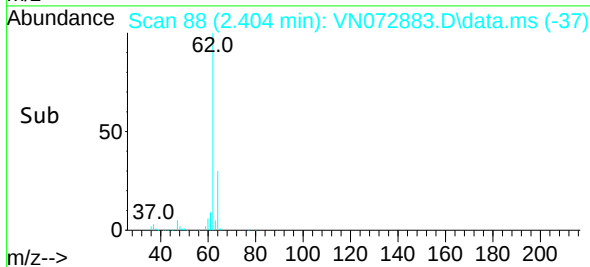
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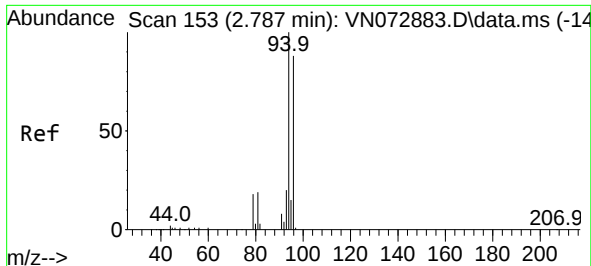


#4
Vinyl Chloride
Concen: 52.533 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



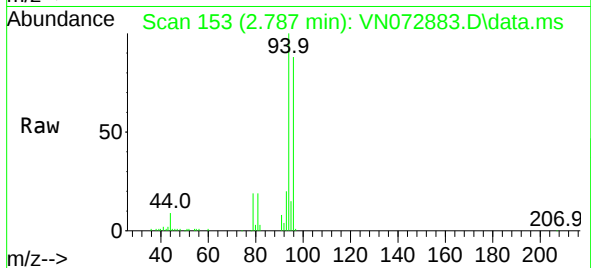
Tgt Ion: 62 Resp: 163785
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4





#5
Bromomethane
Concen: 58.311 ug/l
RT: 2.787 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

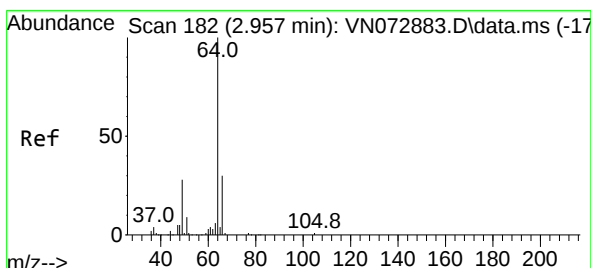
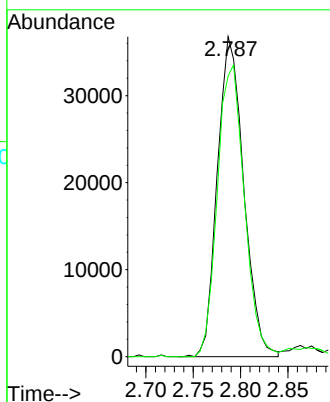
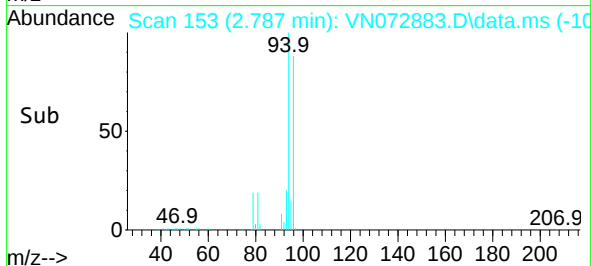
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Tgt Ion: 94 Resp: 7104
Ion Ratio Lower Upper
94 100
96 87.7 76.0 114.0

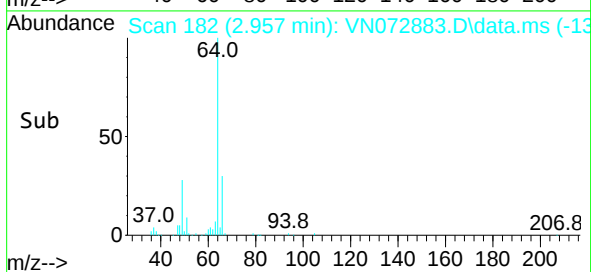
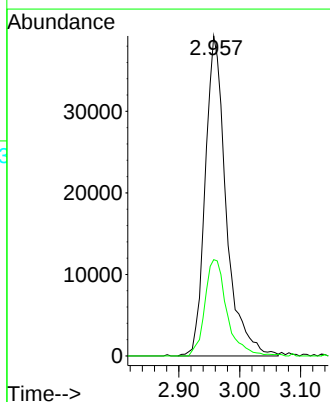
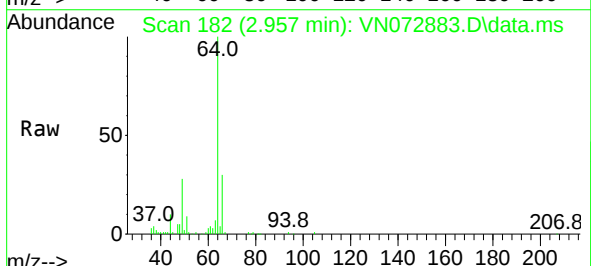
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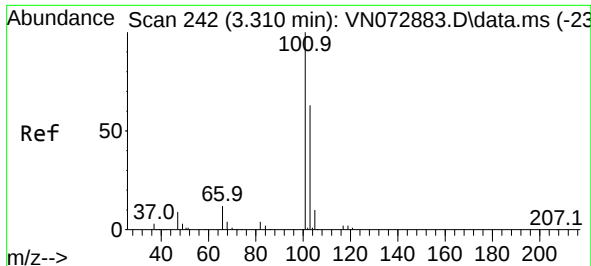
Reviewed By :John Carlone 06/20/2022
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#6
Chloroethane
Concen: 51.155 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN072883.D
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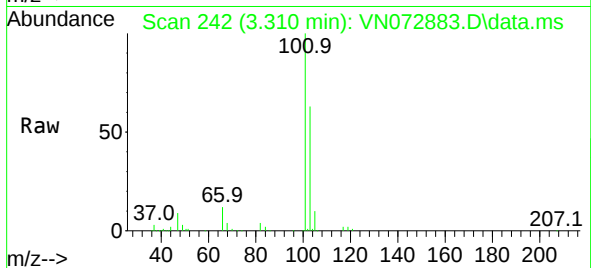
Tgt Ion: 64 Resp: 93768
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 52.311 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

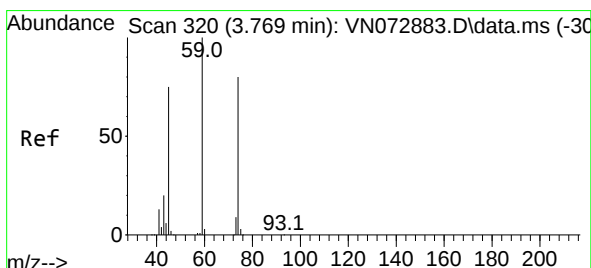
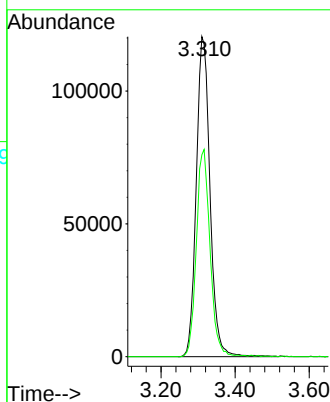
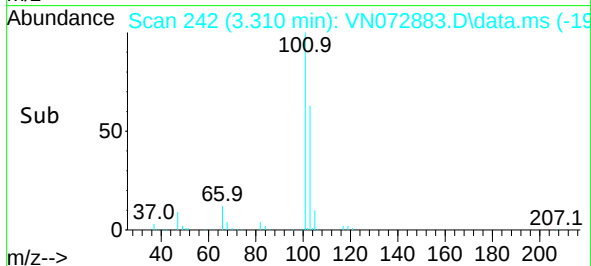
Instrument :
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Tgt Ion:101 Resp: 30953
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.5 77.3

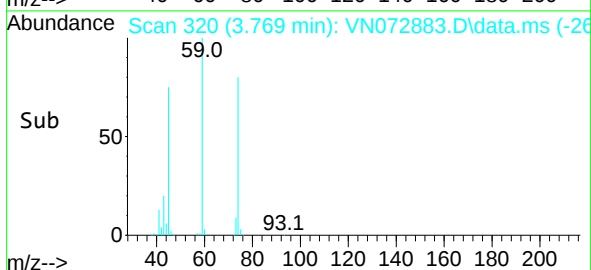
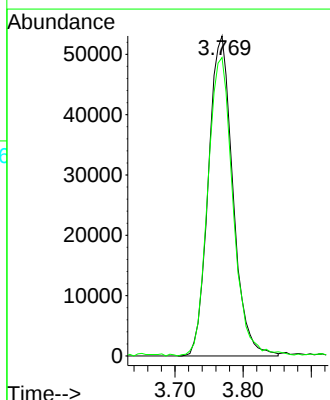
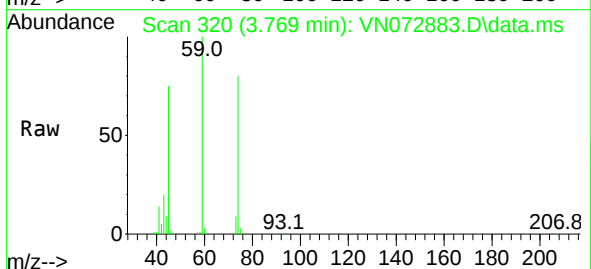
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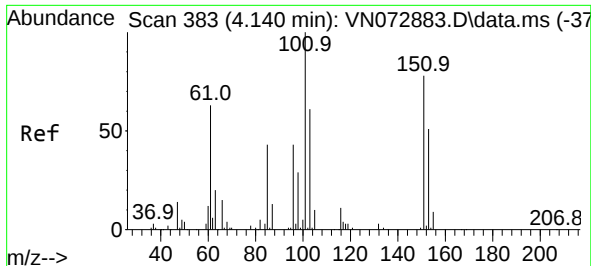
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#8
 Diethyl Ether
 Concen: 53.150 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VN072883.D
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Tgt Ion: 74 Resp: 132501
 Ion Ratio Lower Upper
 74 100
 45 96.2 42.9 128.5





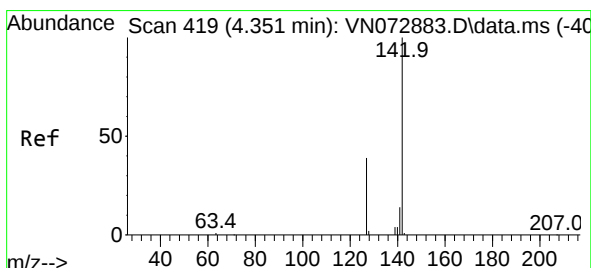
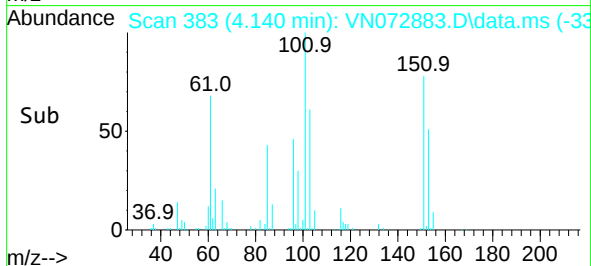
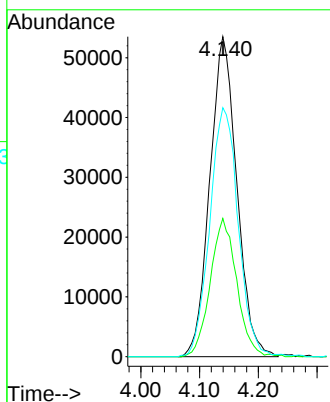
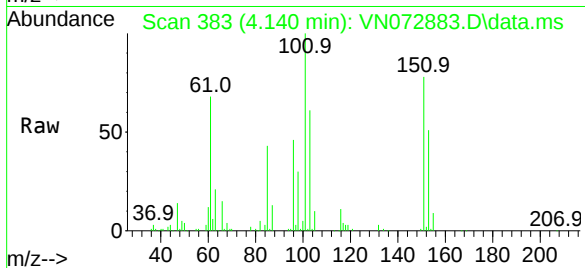
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.100 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 171038
Ion Ratio Lower Upper
101 100
85 42.4 34.7 52.1
151 82.1 63.0 94.4

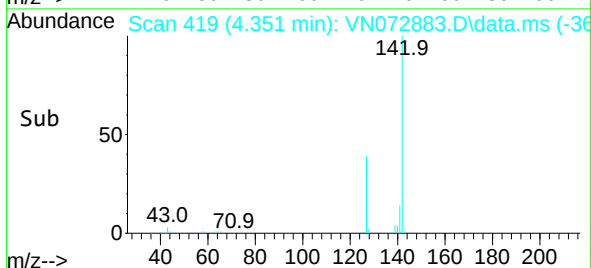
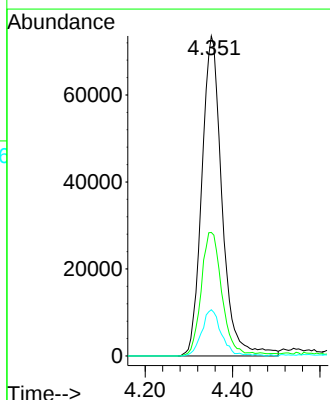
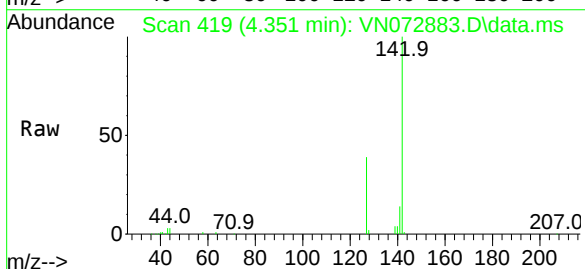
Manual Integrations
APPROVED

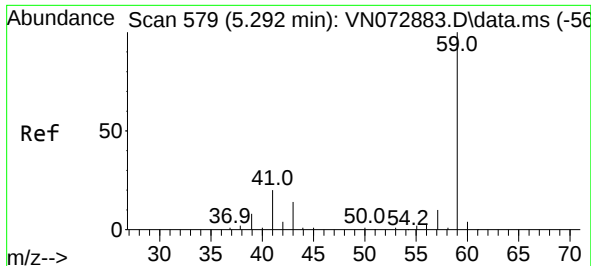
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 56.020 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

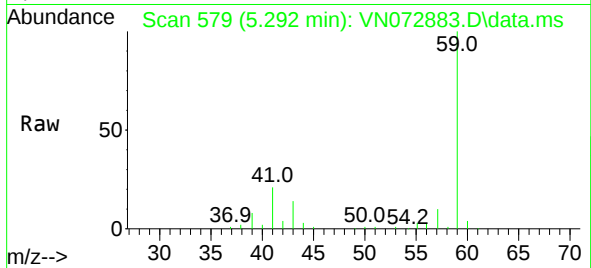
Tgt Ion:142 Resp: 237005
Ion Ratio Lower Upper
142 100
127 39.2 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 257.949 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

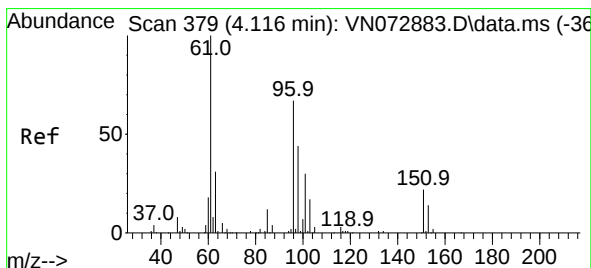
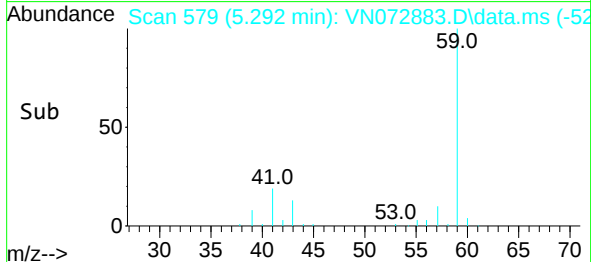
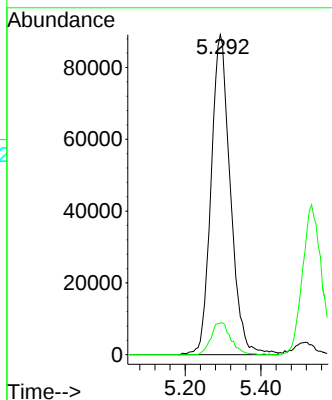
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 59 Resp: 315434
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

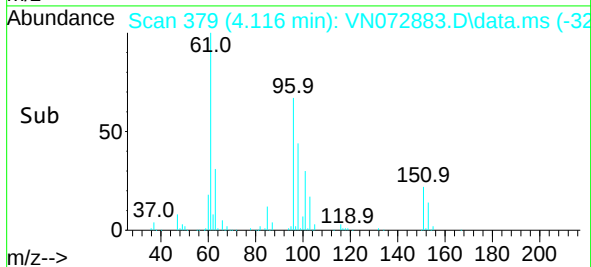
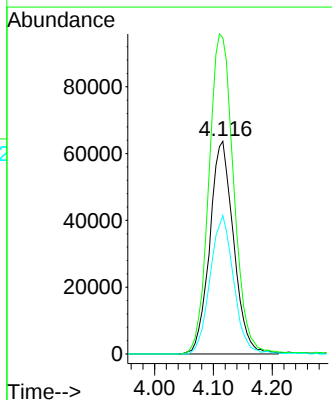
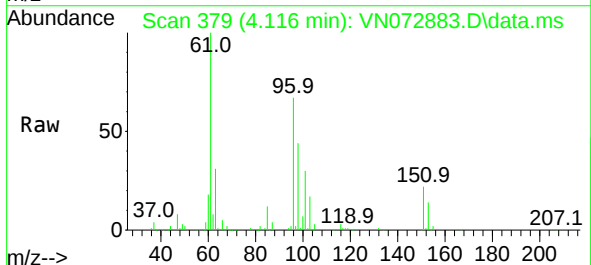
Manual Integrations
APPROVED

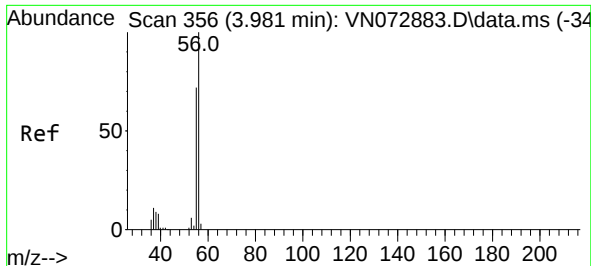
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#12
1,1-Dichloroethene
Concen: 50.667 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

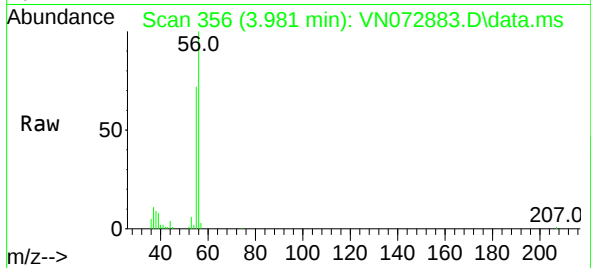
Tgt Ion: 96 Resp: 179624
Ion Ratio Lower Upper
96 100
61 148.7 127.6 191.4
98 65.1 51.2 76.8





#13
Acrolein
Concen: 243.147 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

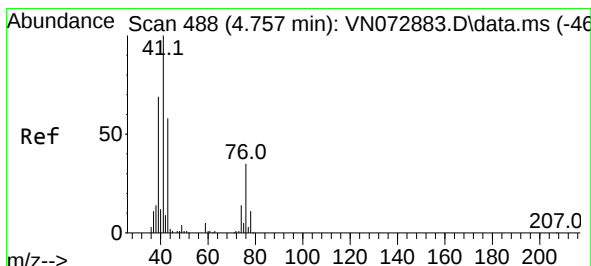
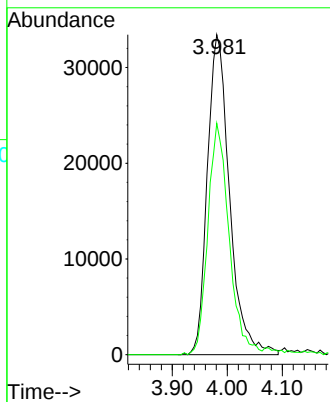
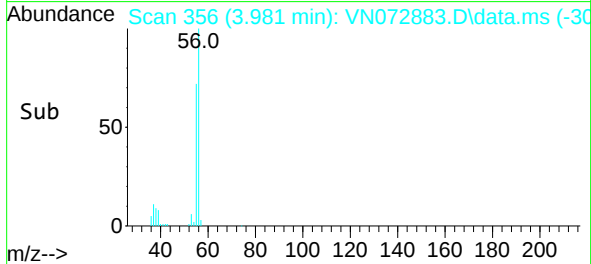
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



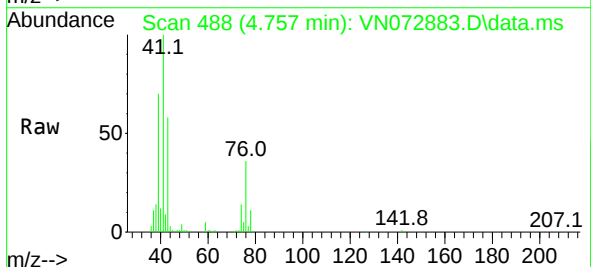
Tgt Ion: 56 Resp: 93809
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

Manual Integrations
APPROVED

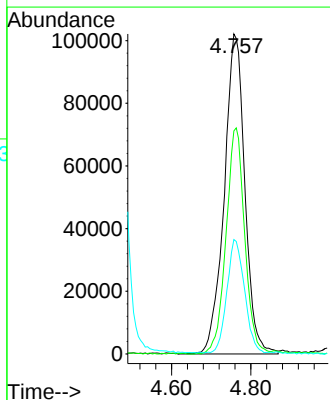
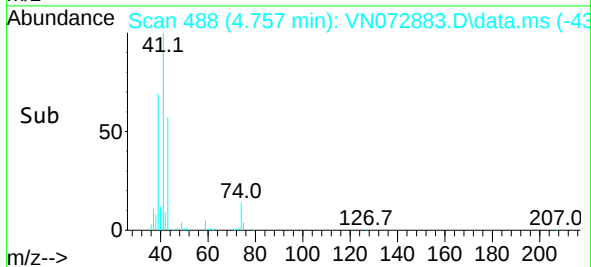
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

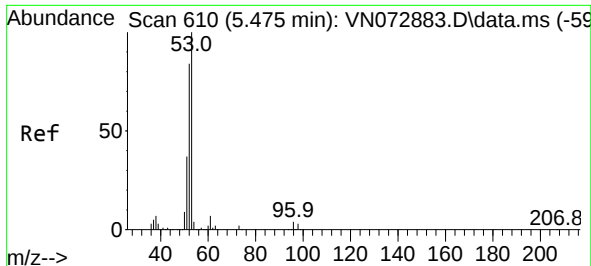


#14
Allyl chloride
Concen: 51.409 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



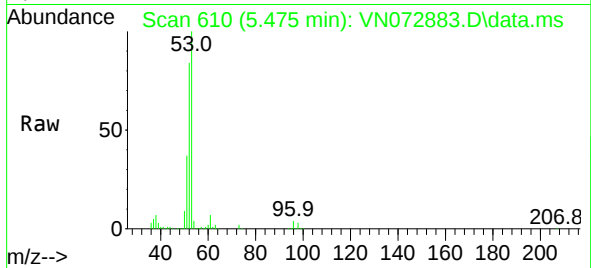
Tgt Ion: 41 Resp: 369429
Ion Ratio Lower Upper
41 100
39 63.9 53.2 79.8
76 30.3 29.9 44.9





#15
Acrylonitrile
Concen: 267.003 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

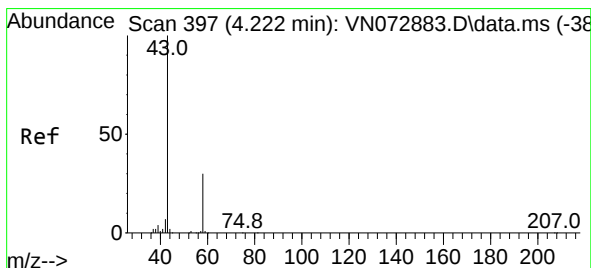
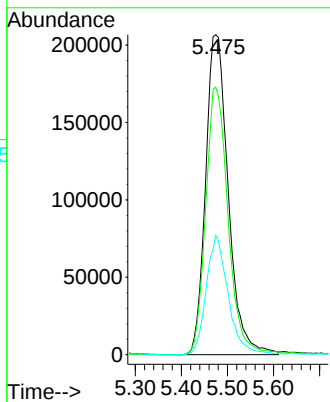
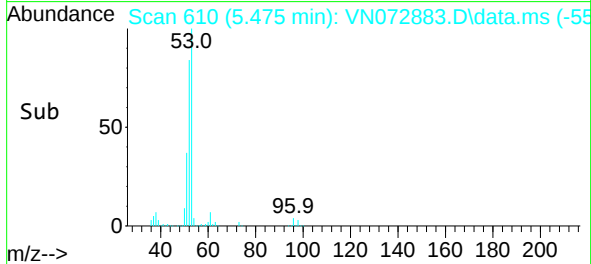
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 708538
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.0 28.5 42.7

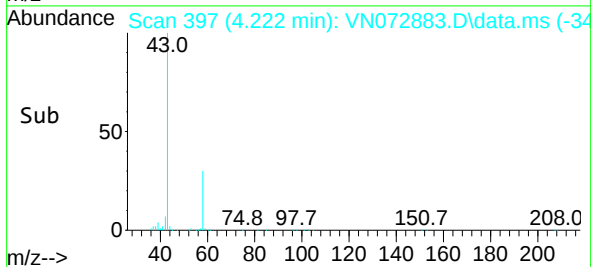
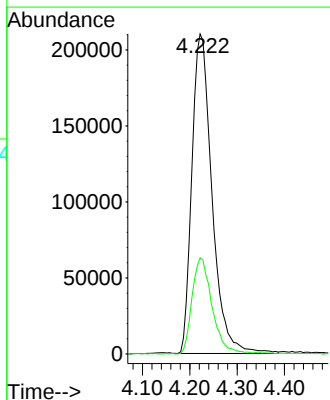
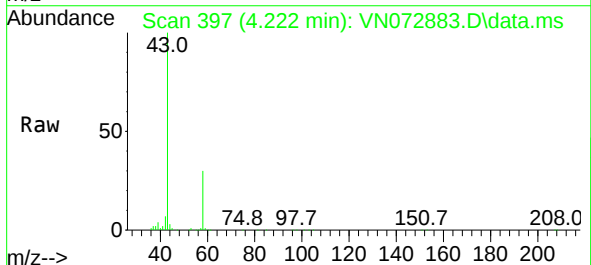
Manual Integrations
APPROVED

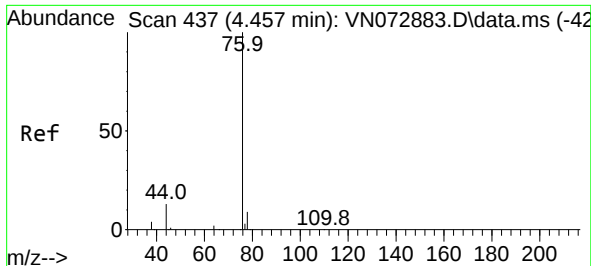
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
Acetone
Concen: 261.776 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

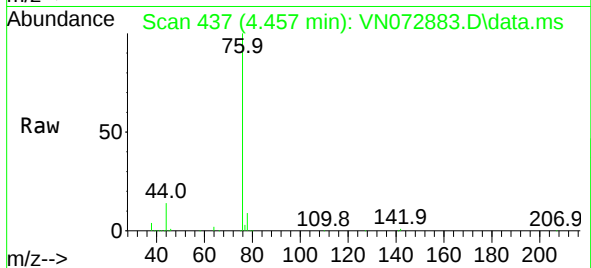
Tgt Ion: 43 Resp: 620565
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0





#17
Carbon Disulfide
Concen: 50.763 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

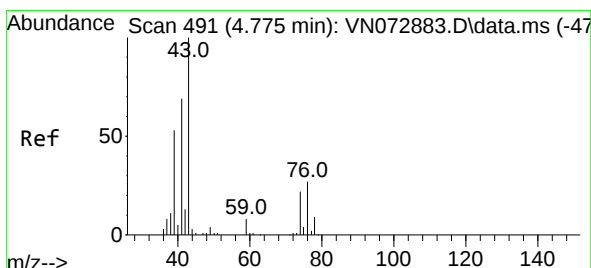
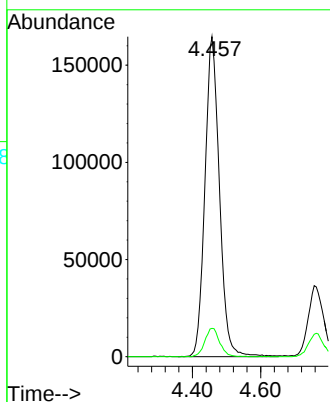
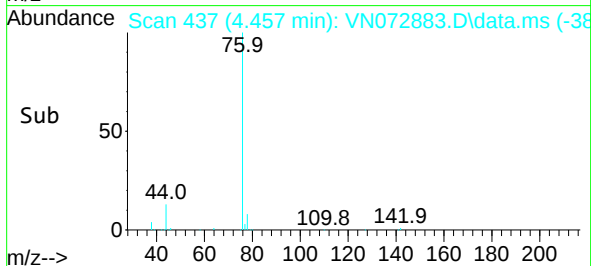
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 48704
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

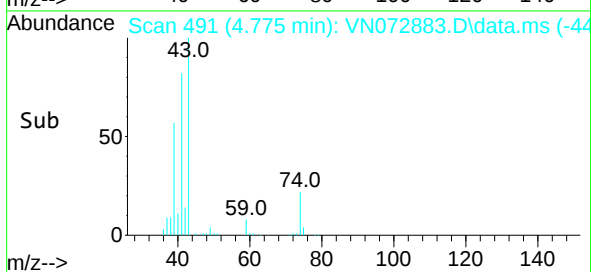
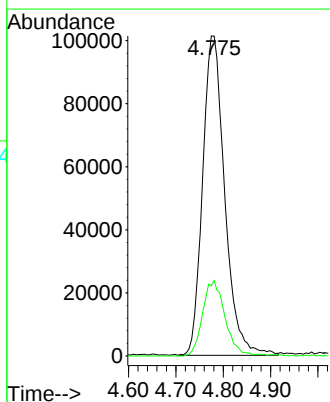
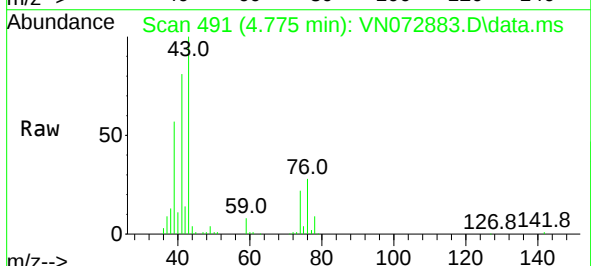
Manual Integrations
APPROVED

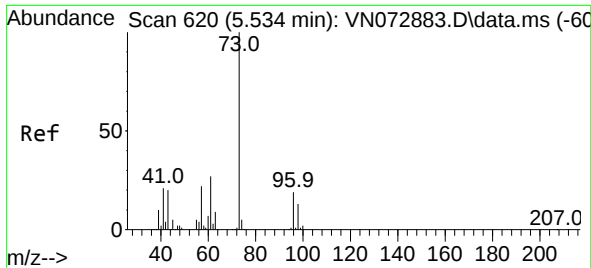
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 48.663 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

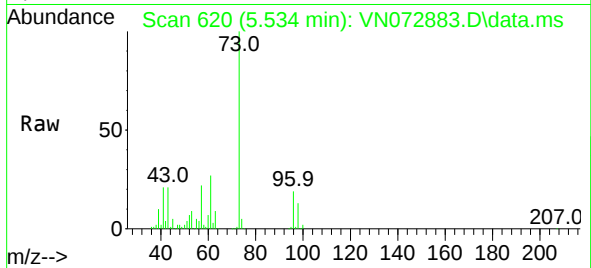
Tgt Ion: 43 Resp: 328858
Ion Ratio Lower Upper
43 100
74 23.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 52.708 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

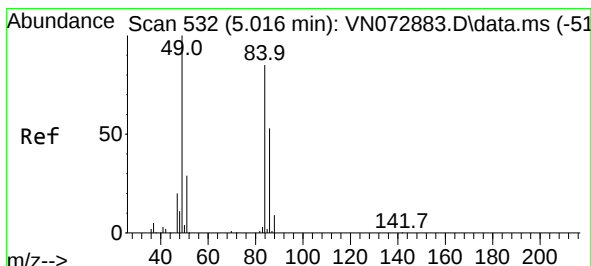
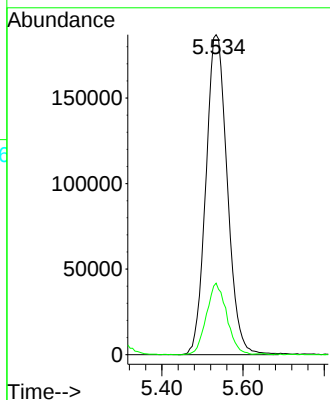
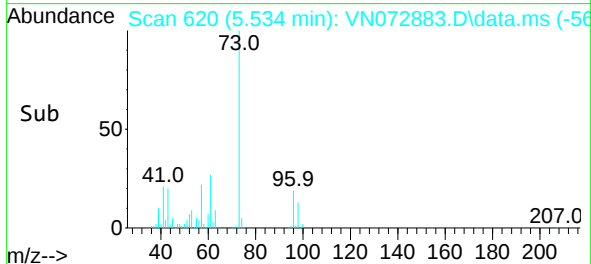
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 683630
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

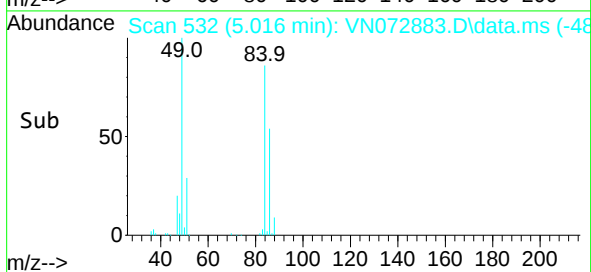
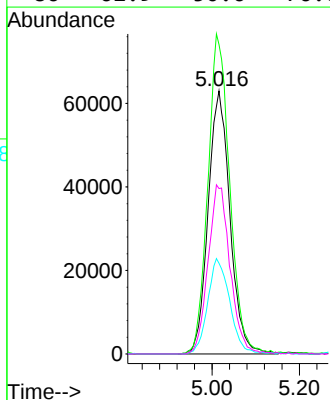
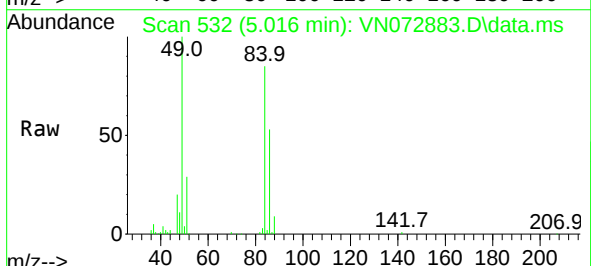
Manual Integrations
APPROVED

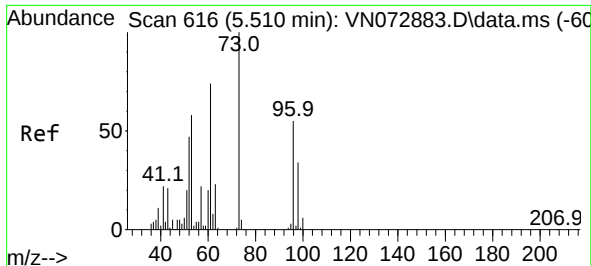
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 51.503 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

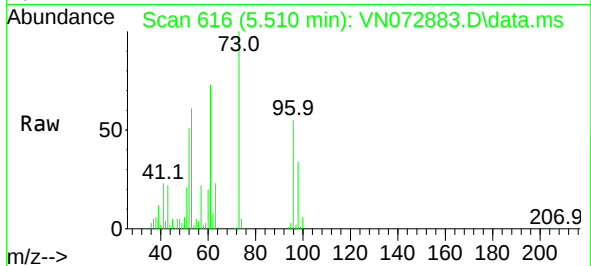
Tgt Ion: 84 Resp: 218380
Ion Ratio Lower Upper
84 100
49 117.6 88.3 132.5
51 34.5 28.2 42.2
86 62.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.407 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

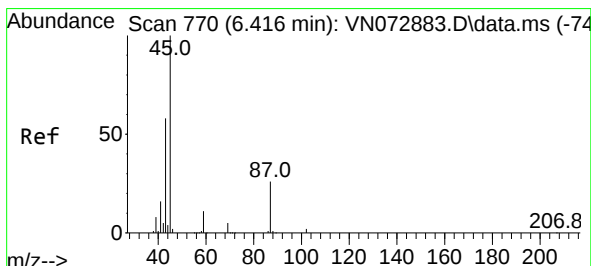
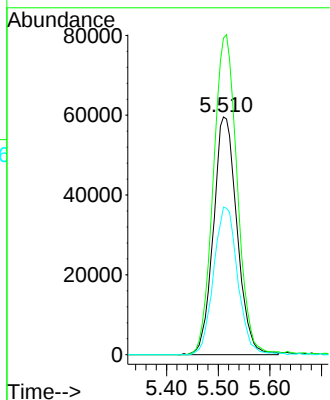
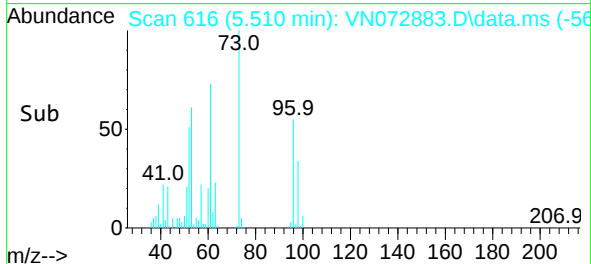
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



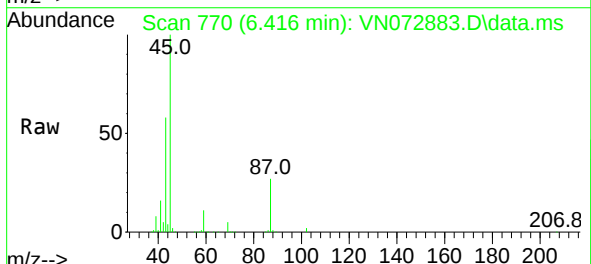
Tgt Ion: 96 Resp: 189064
Ion Ratio Lower Upper
96 100
61 133.2 105.8 158.8
98 62.1 50.3 75.5

Manual Integrations
APPROVED

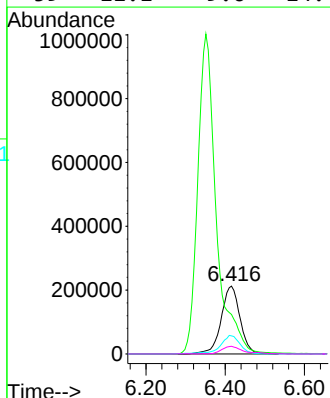
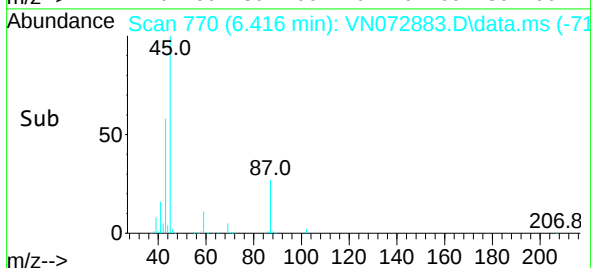
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

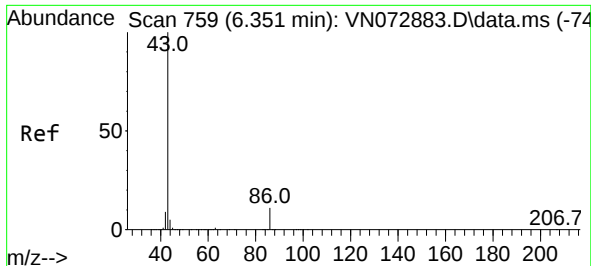


#22
Diisopropyl ether
Concen: 52.742 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



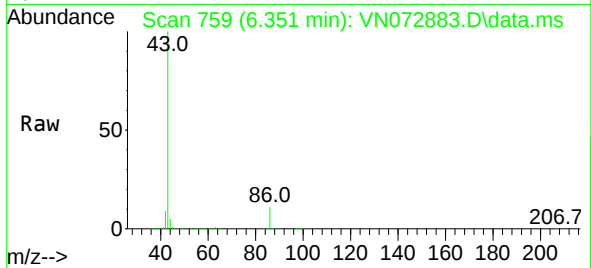
Tgt Ion: 45 Resp: 700679
Ion Ratio Lower Upper
45 100
43 58.0 46.6 70.0
87 26.6 24.3 36.5
59 11.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 269.247 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

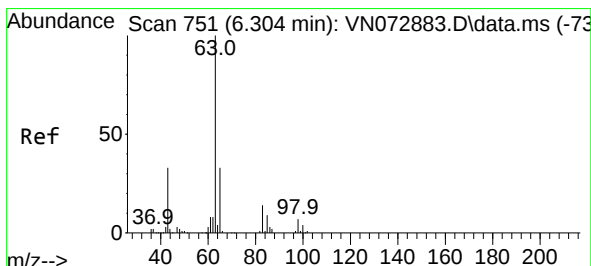
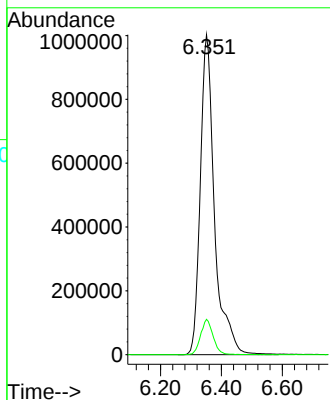
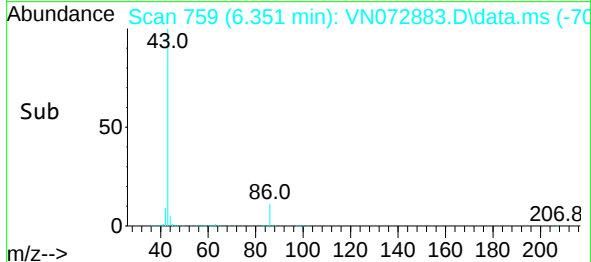
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



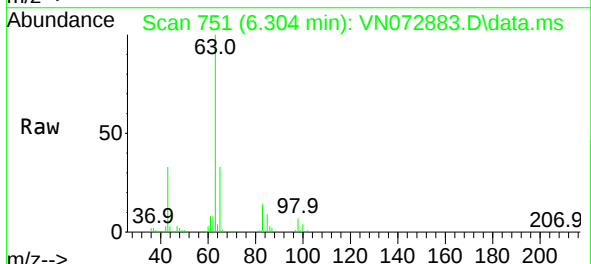
Tgt Ion: 43 Resp: 325107
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0

Manual Integrations
 APPROVED

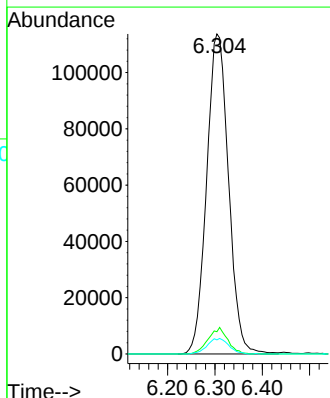
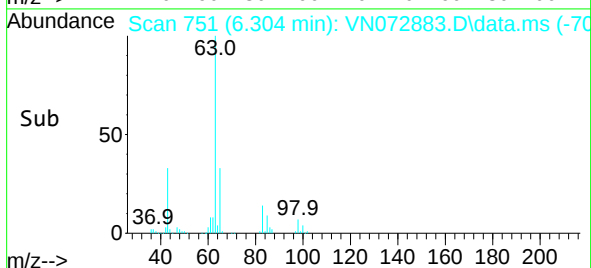
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022

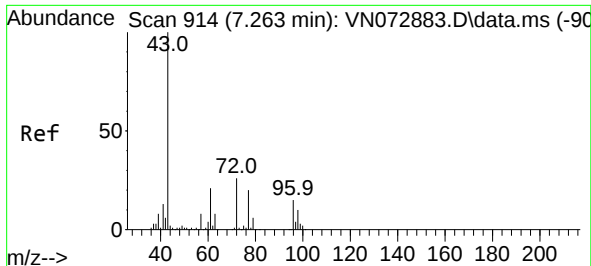


#24
 1,1-Dichloroethane
 Concen: 52.527 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16



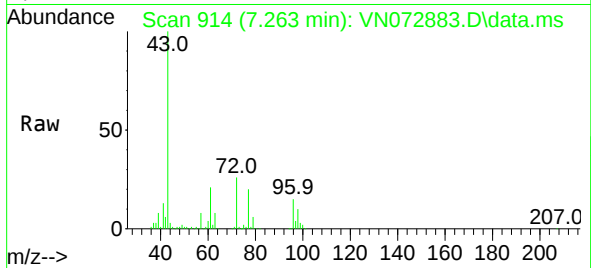
Tgt Ion: 63 Resp: 365354
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 266.014 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

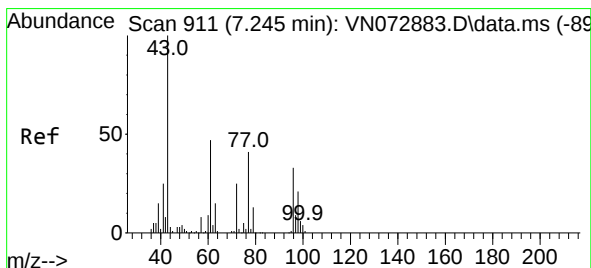
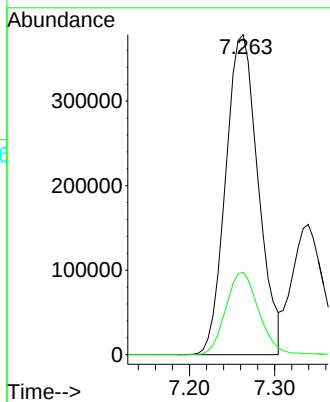
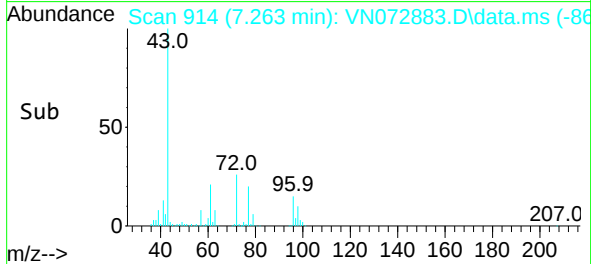
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



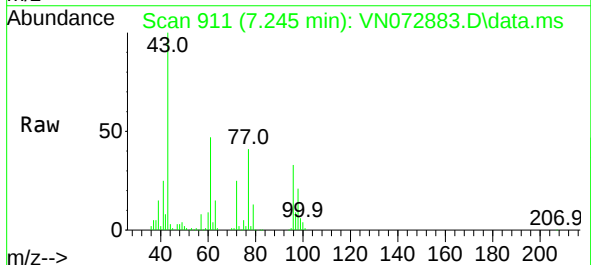
Tgt Ion: 43 Resp: 100437
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5

Manual Integrations
APPROVED

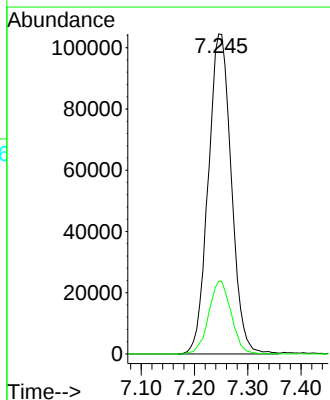
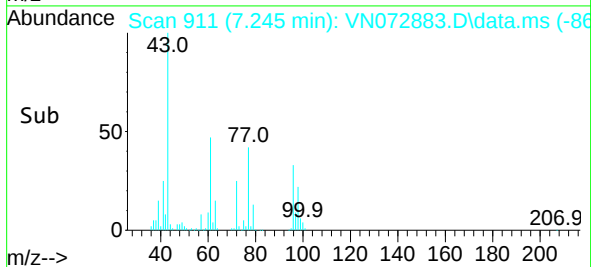
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

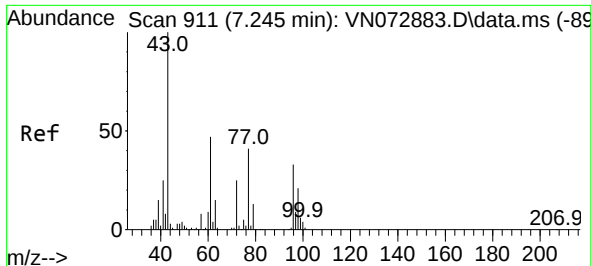


#26
2,2-Dichloropropane
Concen: 50.068 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



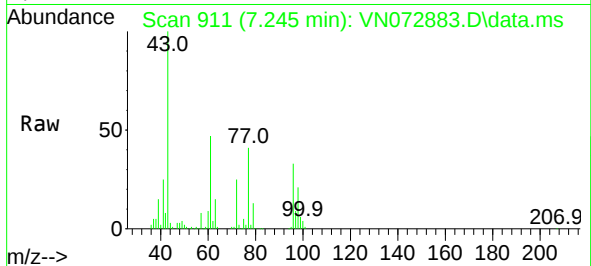
Tgt Ion: 77 Resp: 314589
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 50.401 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

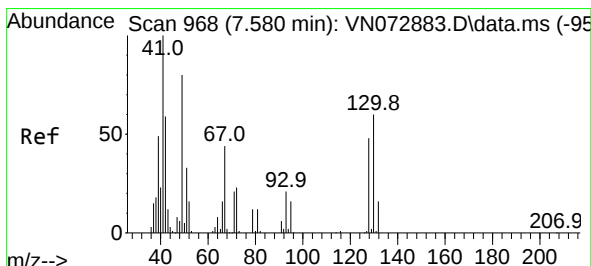
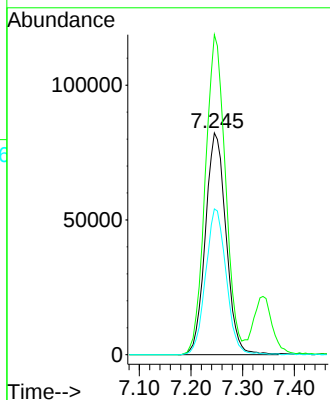
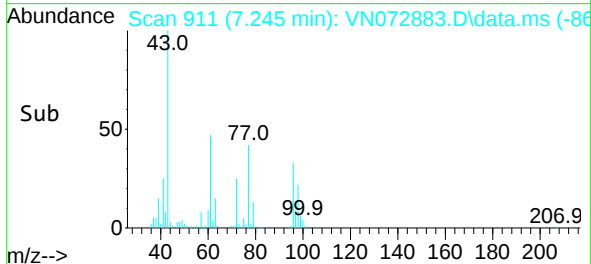
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 229149
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 280.6
 98 65.4 0.0 128.4

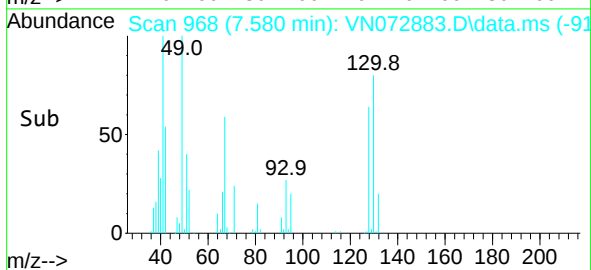
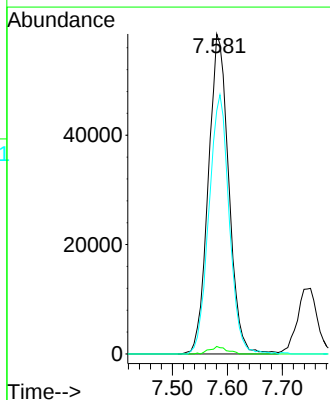
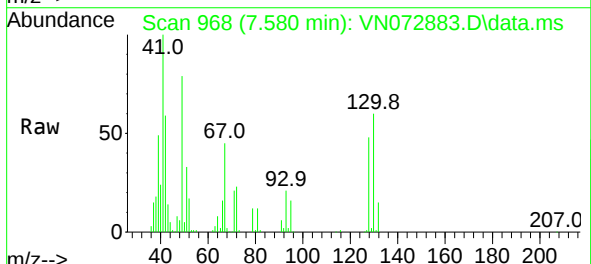
Manual Integrations
 APPROVED

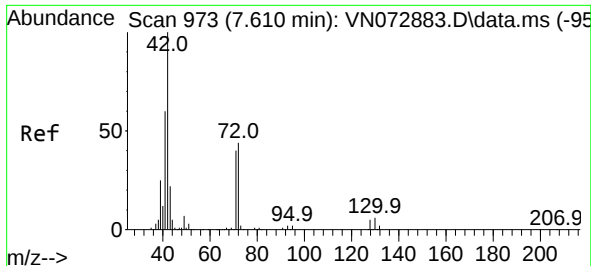
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#28
 Bromochloromethane
 Concen: 50.646 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

Tgt Ion: 49 Resp: 150944
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 80.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 267.851 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 670454

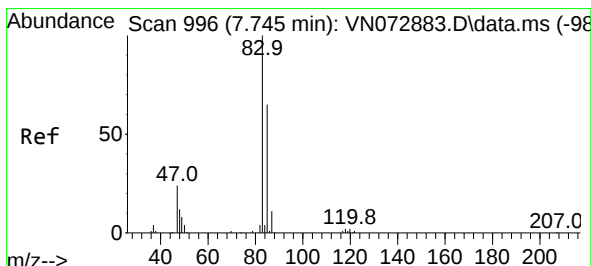
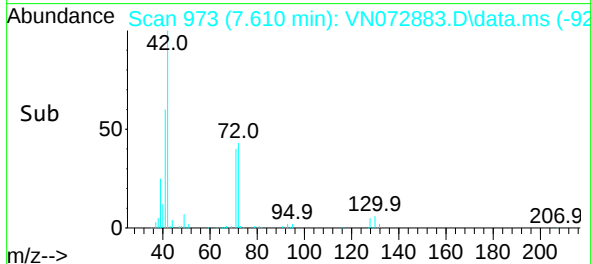
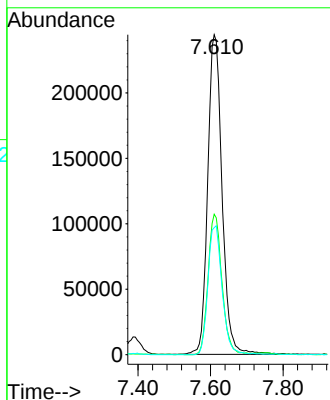
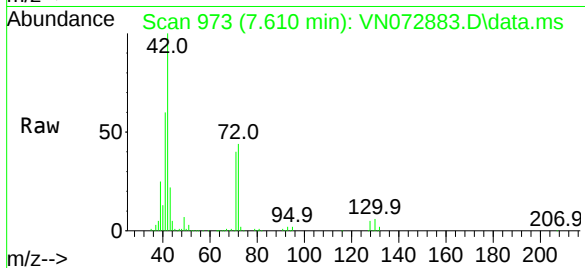
Ion	Ratio	Lower	Upper
42	100		
72	42.7	39.7	59.5
71	39.8	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 51.483 ug/l

RT: 7.745 min Scan# 996

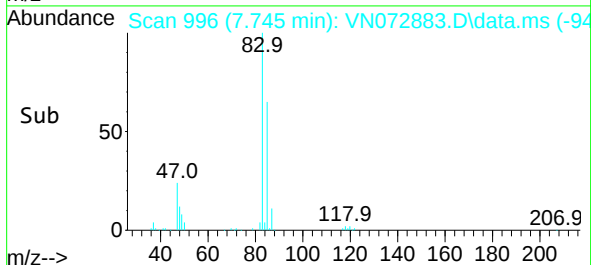
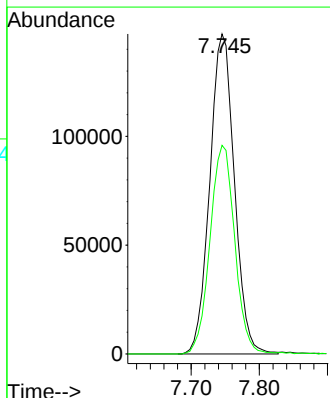
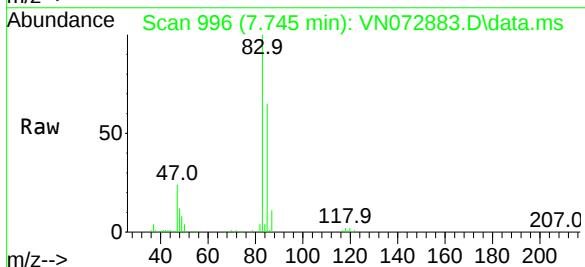
Delta R.T. 0.000 min

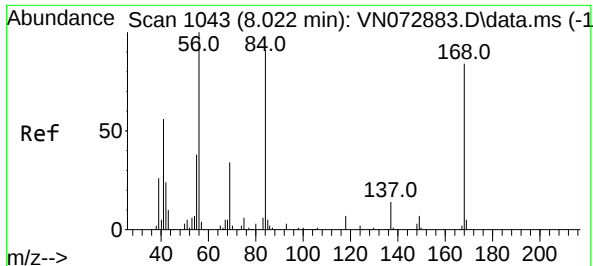
Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Tgt Ion: 83 Resp: 369527

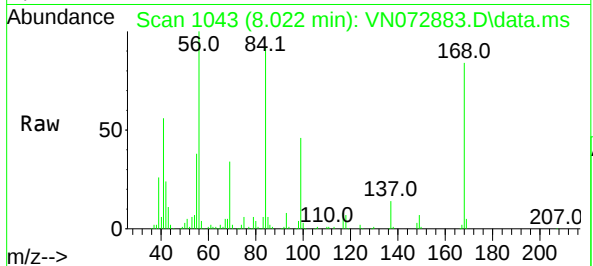
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8





#31
Cyclohexane
Concen: 50.466 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

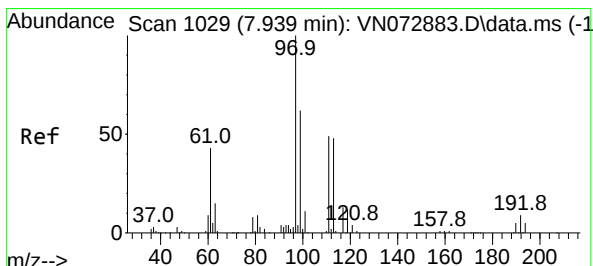
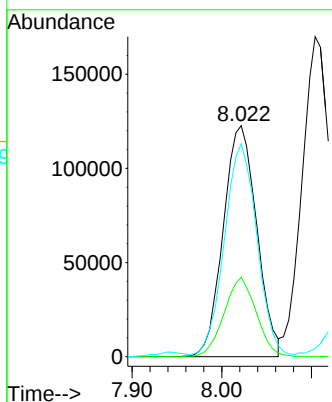
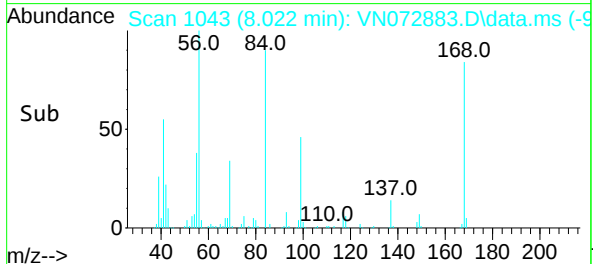
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



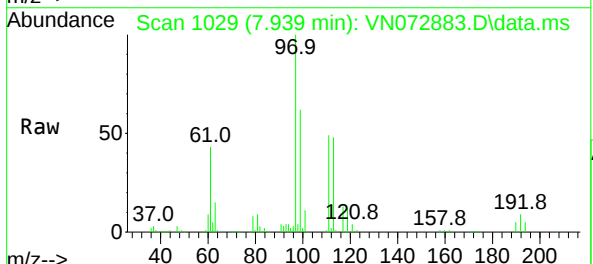
Tgt Ion: 56 Resp: 317770
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.8
84 90.7 76.9 115.3

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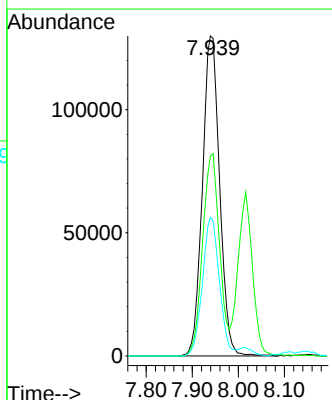
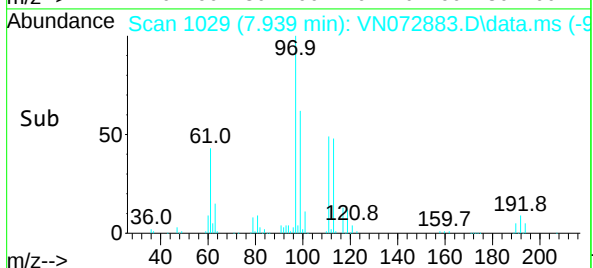
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

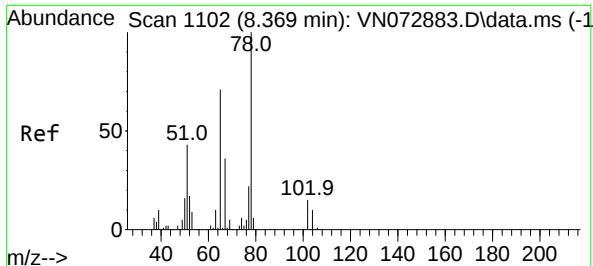


#32
1,1,1-Trichloroethane
Concen: 53.268 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



Tgt Ion: 97 Resp: 338569
Ion Ratio Lower Upper
97 100
99 62.3 50.6 76.0
61 42.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 25173

Ion Ratio Lower Upper

65 100

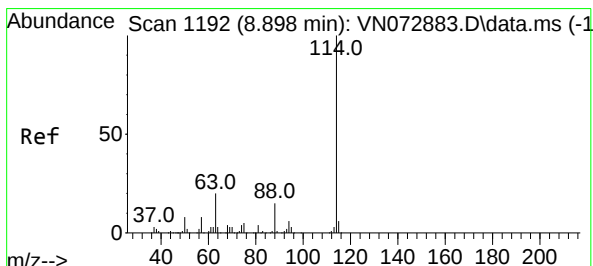
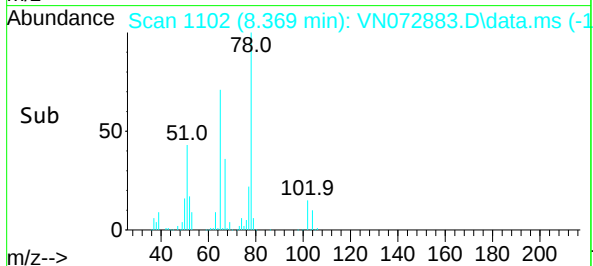
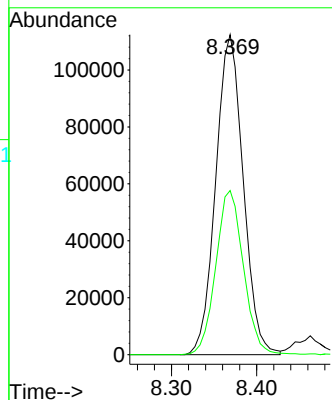
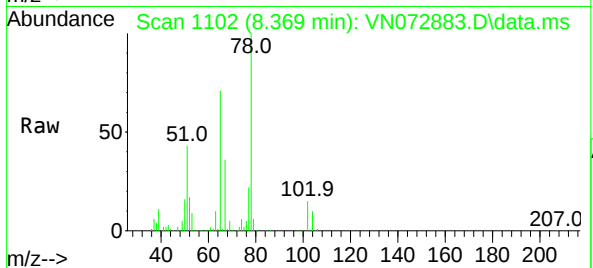
67 51.6 0.0 104.8

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: VN072883.D

Acq: 16 Jun 2022 12:16

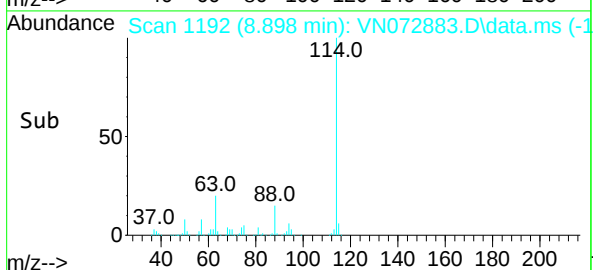
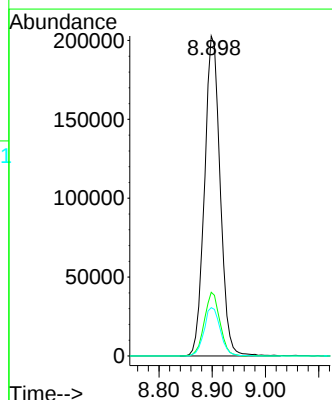
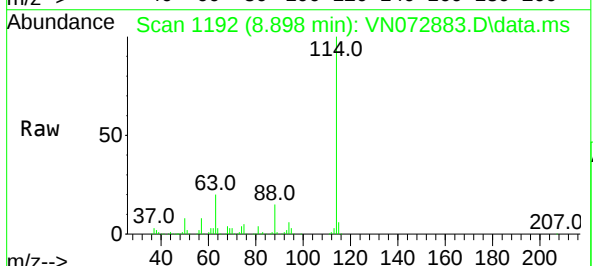
Tgt Ion:114 Resp: 414303

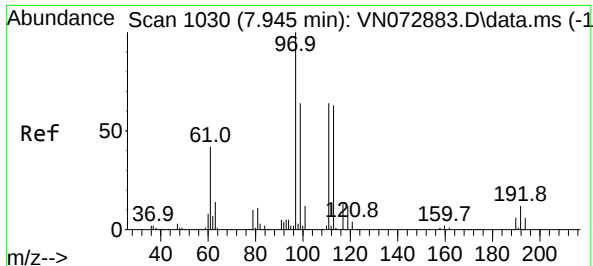
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.317 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 200652

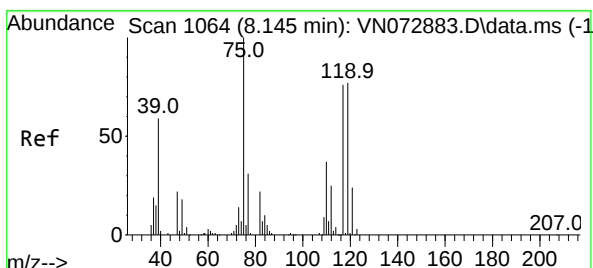
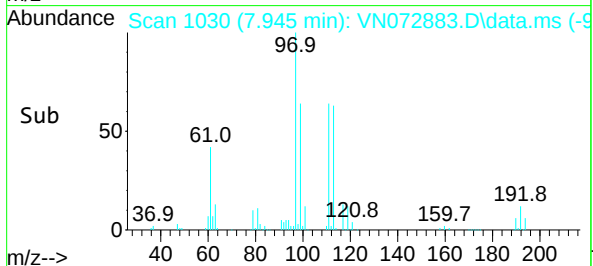
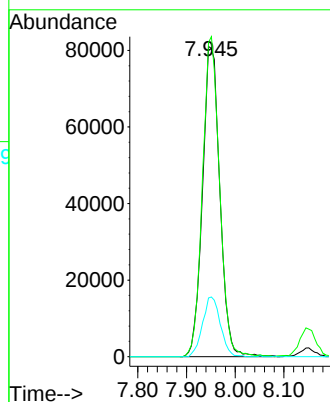
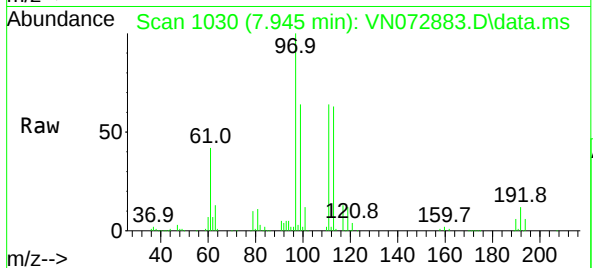
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	19.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#36

1,1-Dichloropropene

Concen: 51.435 ug/l

RT: 8.145 min Scan# 1064

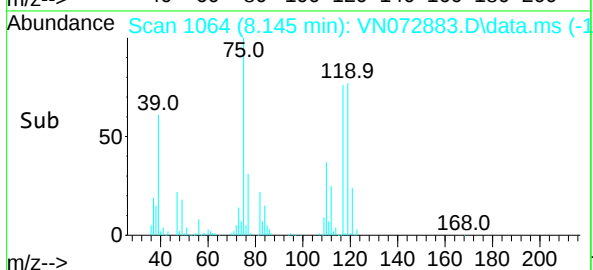
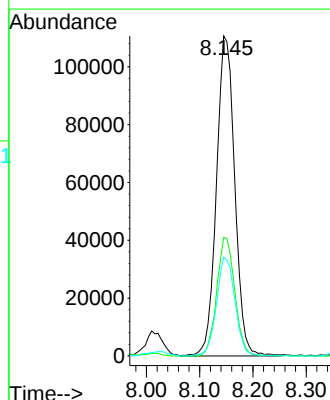
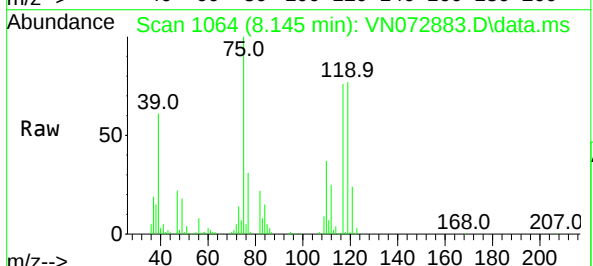
Delta R.T. 0.000 min

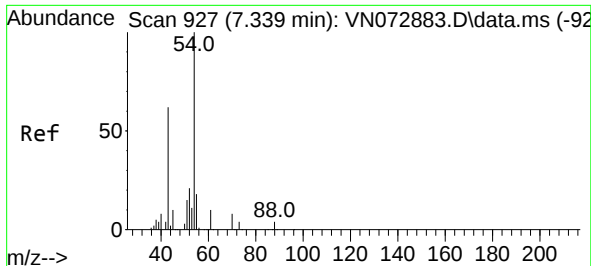
Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Tgt Ion: 75 Resp: 264358

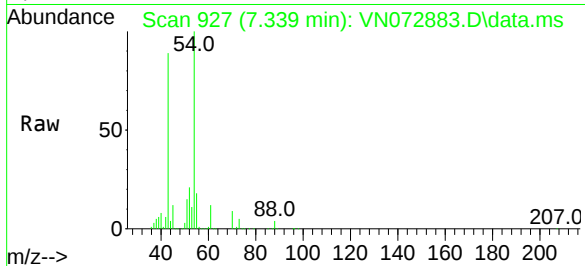
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.8
77	31.2	25.1	37.7





#37
Ethyl Acetate
Concen: 54.721 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

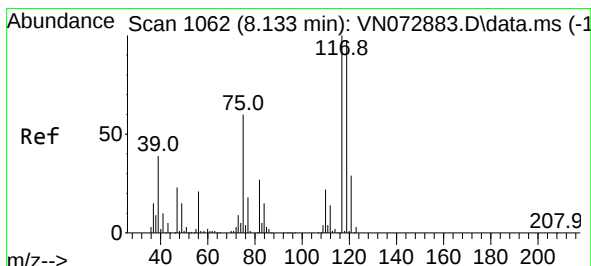
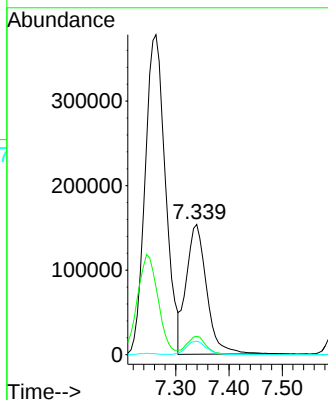
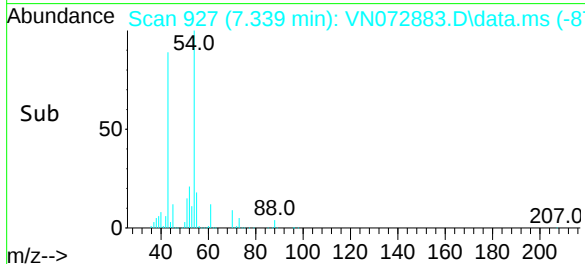
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 407020
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 10.3 9.3 13.9

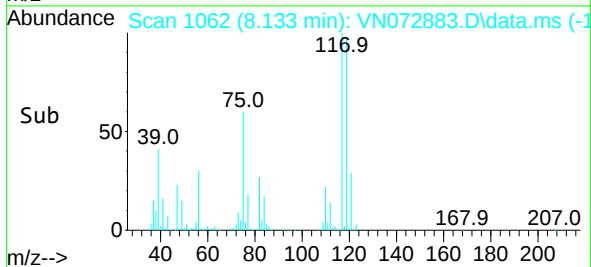
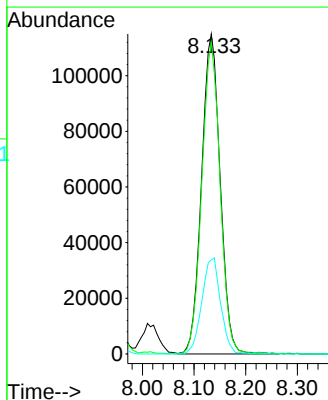
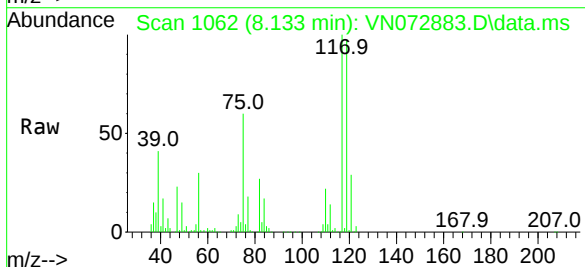
Manual Integrations
APPROVED

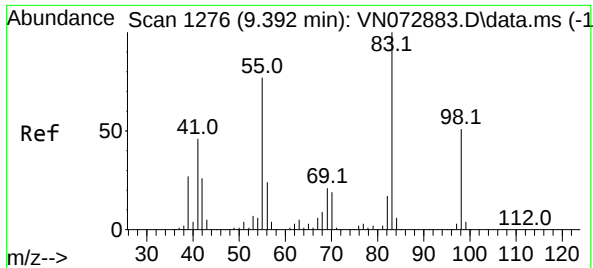
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 51.961 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Tgt Ion:117 Resp: 287534
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 51.372 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 327710

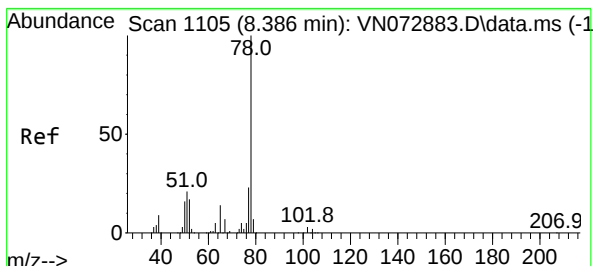
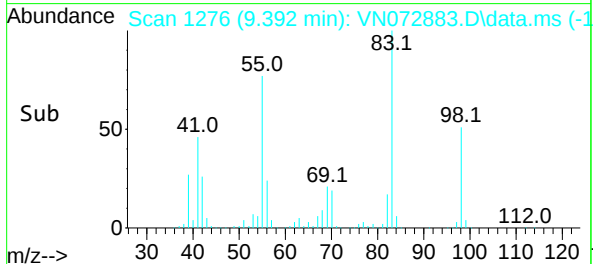
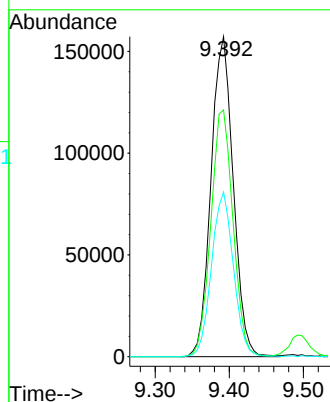
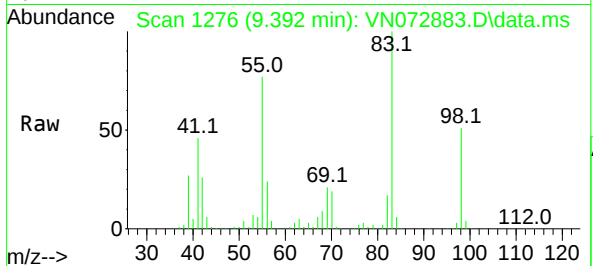
Ion	Ratio	Lower	Upper
83	100		
55	77.1	57.8	86.8
98	51.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 51.576 ug/l

RT: 8.386 min Scan# 1105

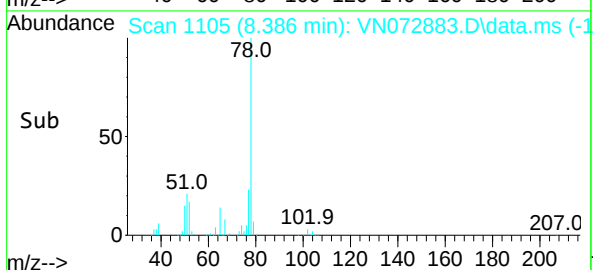
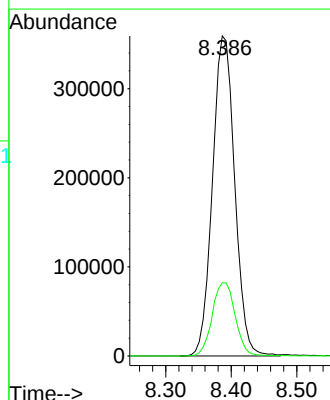
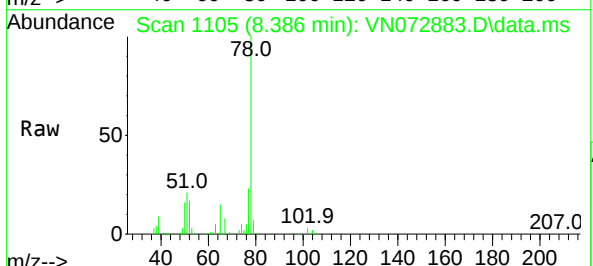
Delta R.T. 0.000 min

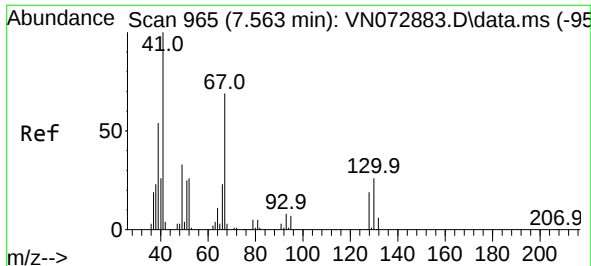
Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Tgt Ion: 78 Resp: 844606

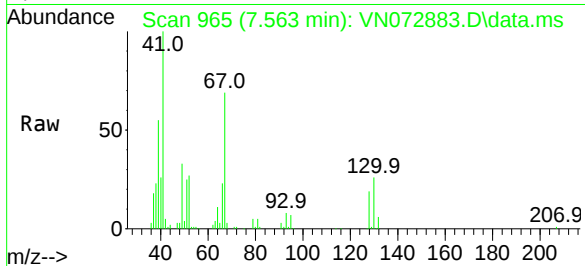
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.4	29.0





#41
Methacrylonitrile
Concen: 51.413 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

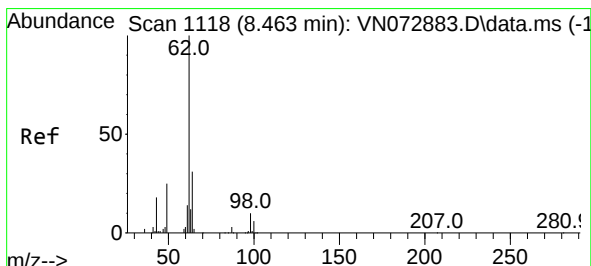
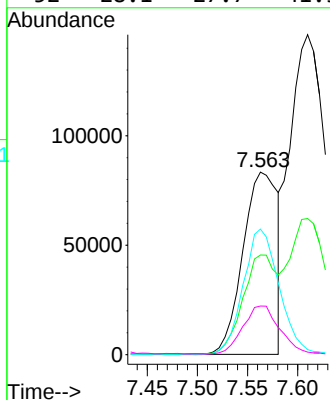
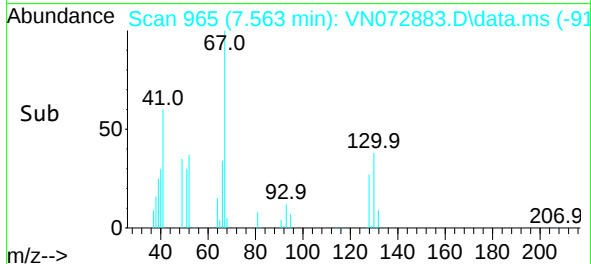
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



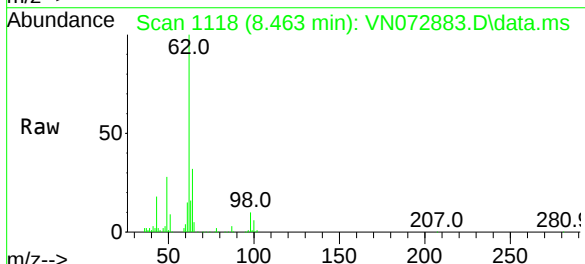
Tgt Ion:	41	Resp:	199090
Ion Ratio	100	Lower	Upper
39	53.6	48.6	73.0
67	73.2	73.4	110.2
52	28.1	27.7	41.5

Manual Integrations
APPROVED

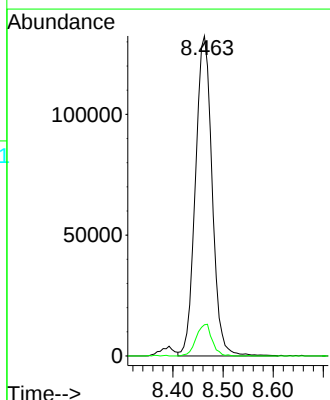
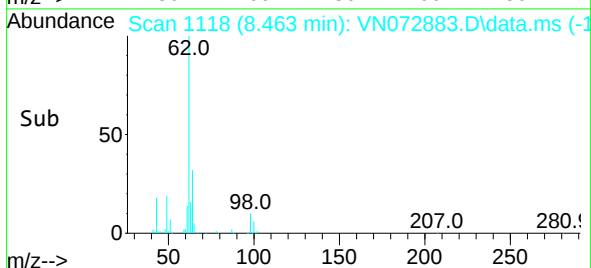
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

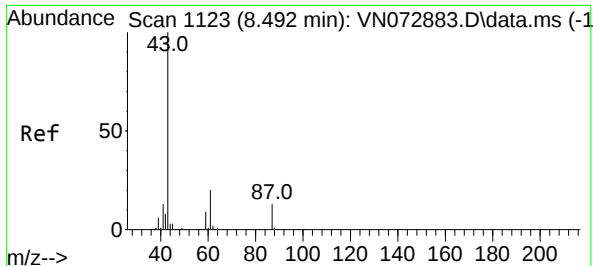


#42
1,2-Dichloroethane
Concen: 51.852 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



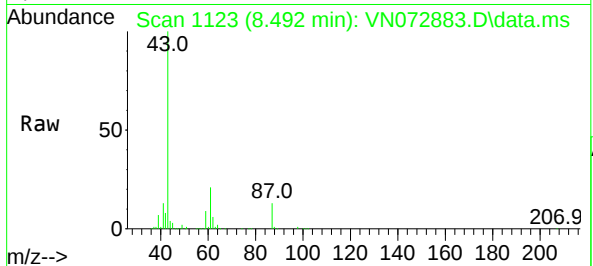
Tgt Ion:	62	Resp:	306174
Ion Ratio	100	Lower	Upper
98	9.5	0.0	19.4





#43
Isopropyl Acetate
Concen: 52.588 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

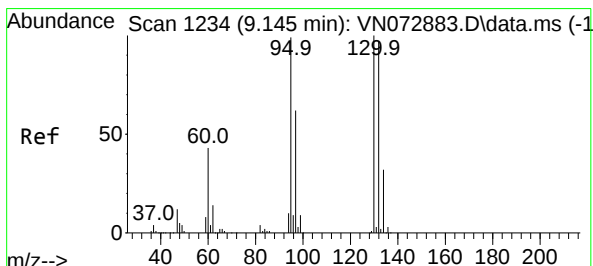
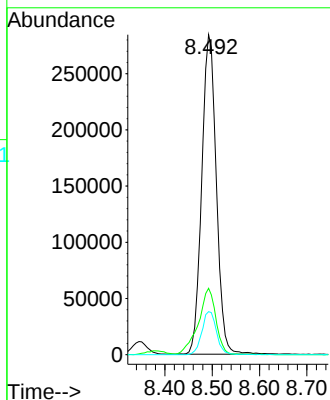
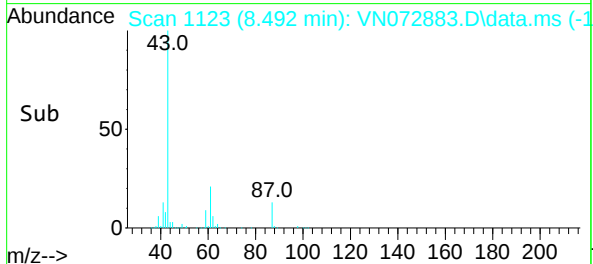
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 608808
Ion Ratio Lower Upper
43 100
61 24.7 21.9 32.9
87 13.5 12.0 18.0

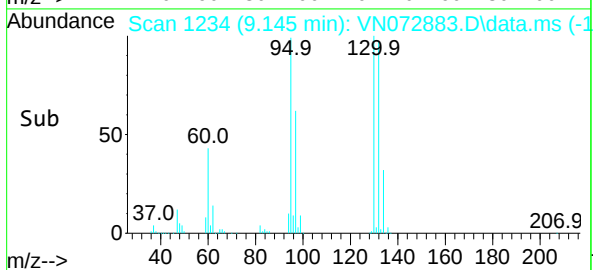
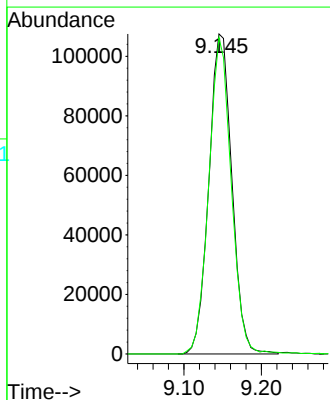
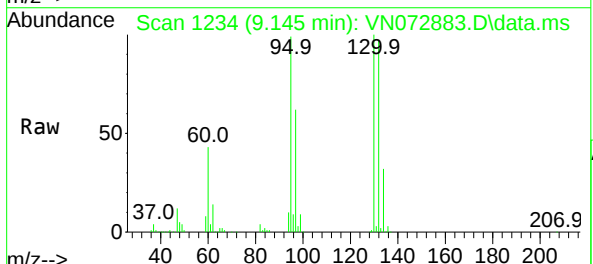
Manual Integrations
APPROVED

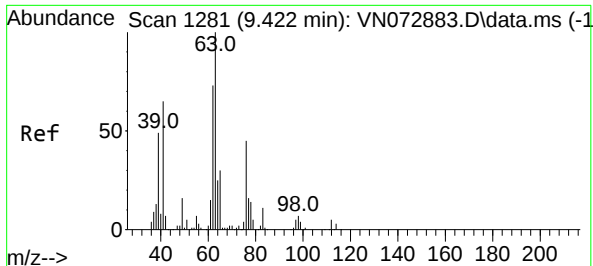
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#44
Trichloroethene
Concen: 50.583 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Tgt Ion:130 Resp: 221463
Ion Ratio Lower Upper
130 100
95 98.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.468 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 21267

Ion Ratio Lower Upper

63 100

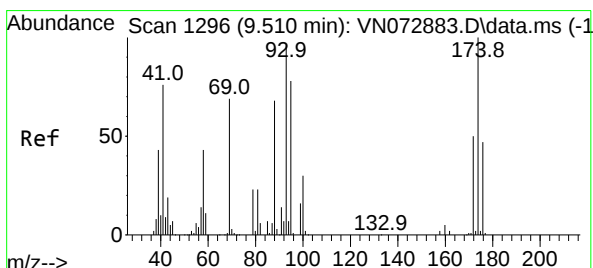
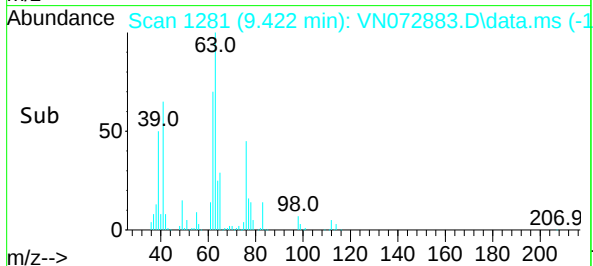
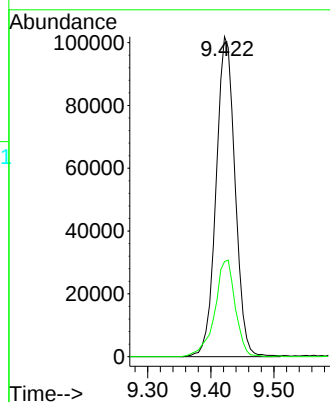
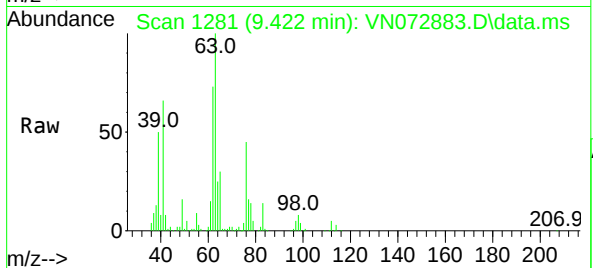
65 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 52.139 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

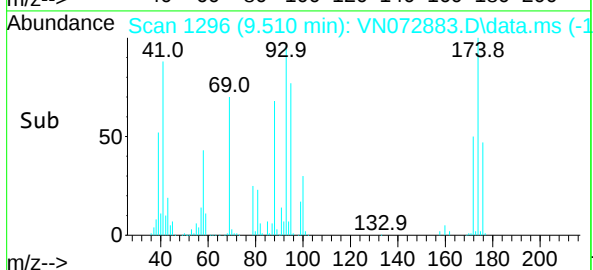
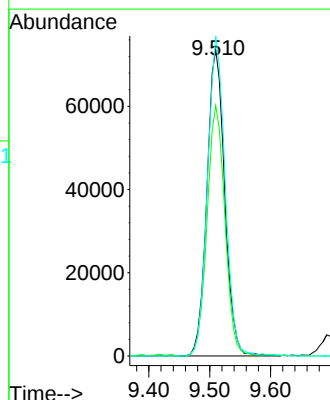
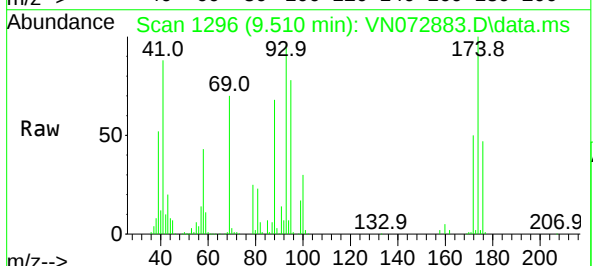
Tgt Ion: 93 Resp: 149508

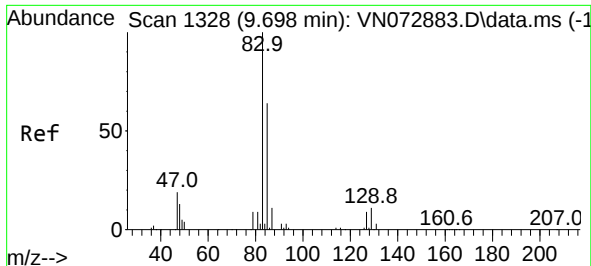
Ion Ratio Lower Upper

93 100

95 81.9 66.9 100.3

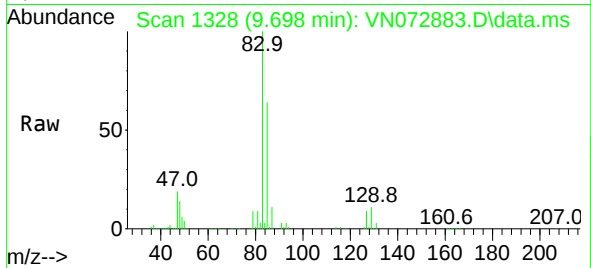
174 103.5 86.6 130.0





#47
Bromodichloromethane
Concen: 52.393 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

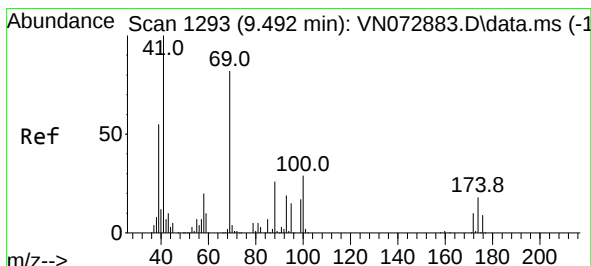
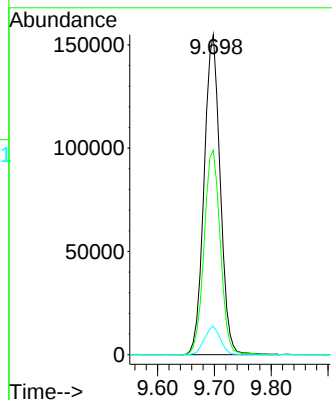
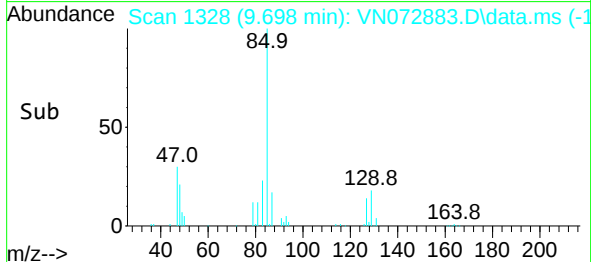
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 30432
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 9.0 6.8 10.2

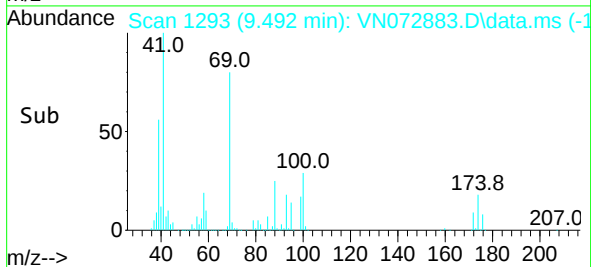
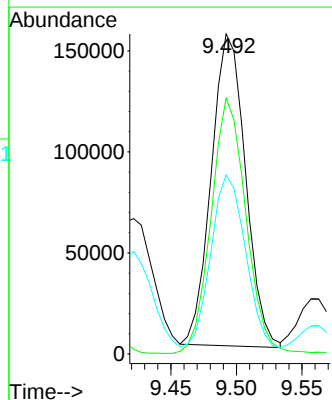
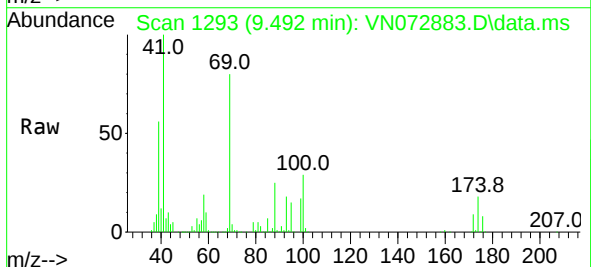
Manual Integrations
APPROVED

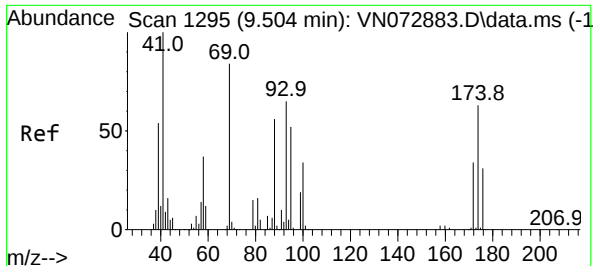
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#48
Methyl methacrylate
Concen: 52.905 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

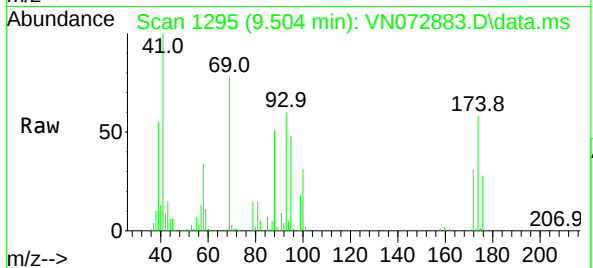
Tgt Ion: 41 Resp: 279755
Ion Ratio Lower Upper
41 100
69 83.8 74.7 112.1
39 56.2 45.6 68.4





#49
1,4-Dioxane
Concen: 1074.966 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

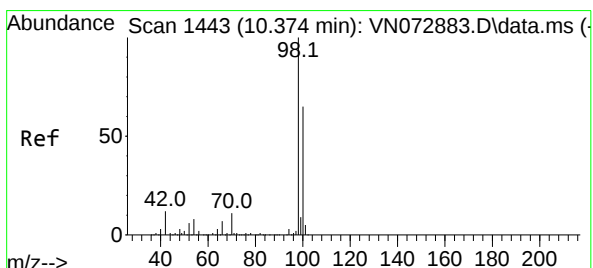
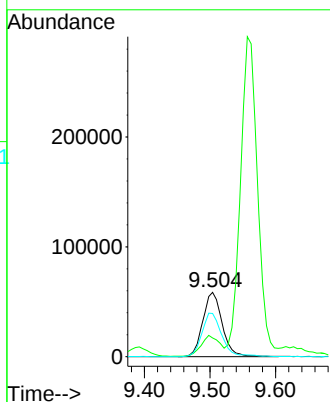
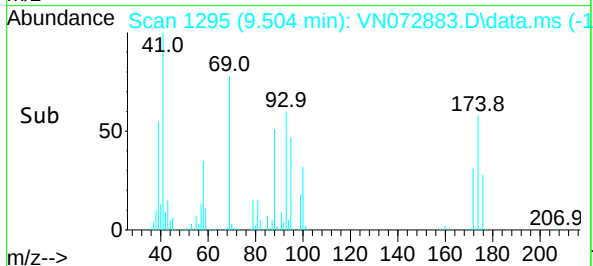
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 120400
Ion Ratio Lower Upper
88 100
43 30.5 20.2 30.4
58 69.7 54.2 81.4

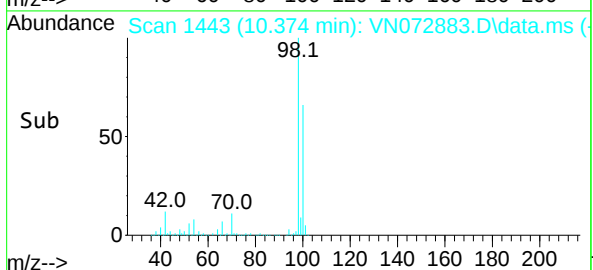
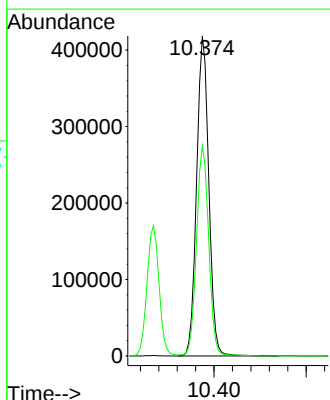
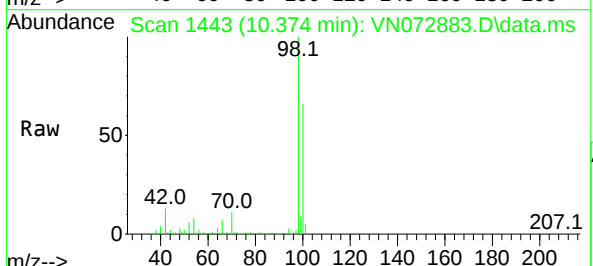
Manual Integrations
APPROVED

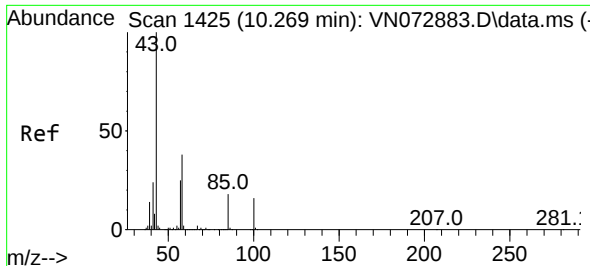
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
Toluene-d8
Concen: 52.154 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

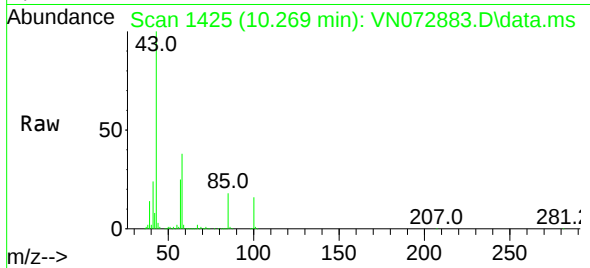
Tgt Ion: 98 Resp: 768267
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 260.845 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

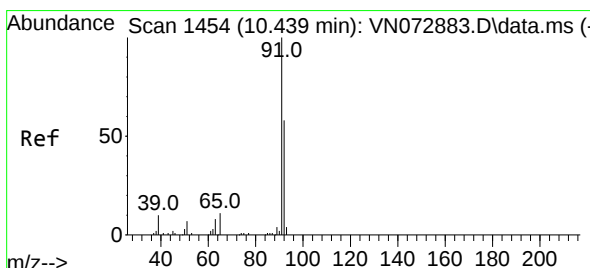
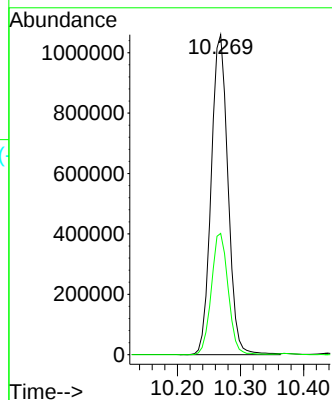
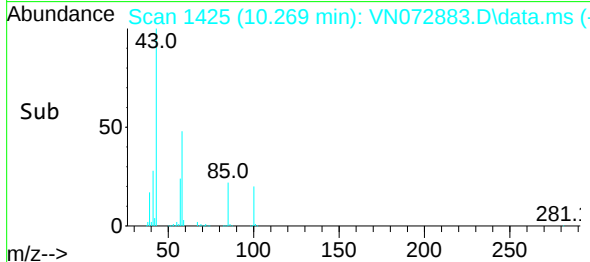
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



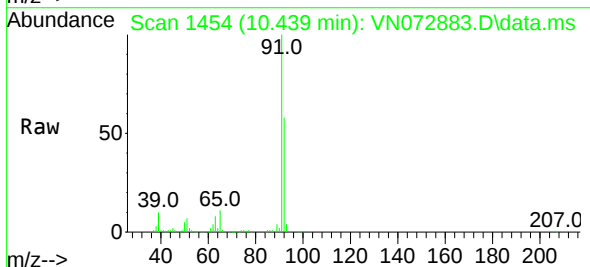
Tgt Ion: 43 Resp: 1953464
Ion Ratio Lower Upper
43 100
58 38.1 34.1 51.1

Manual Integrations
APPROVED

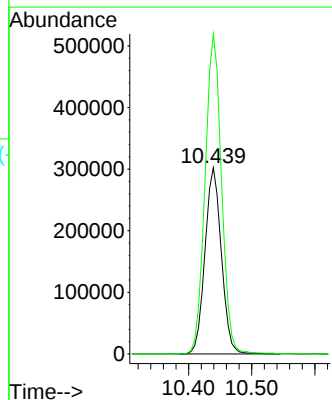
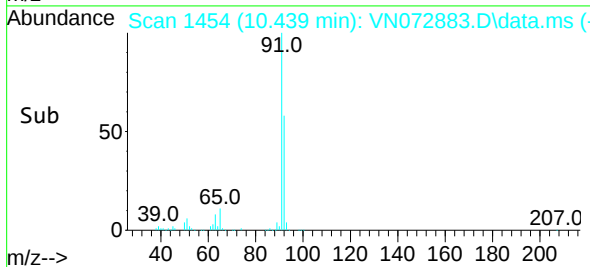
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

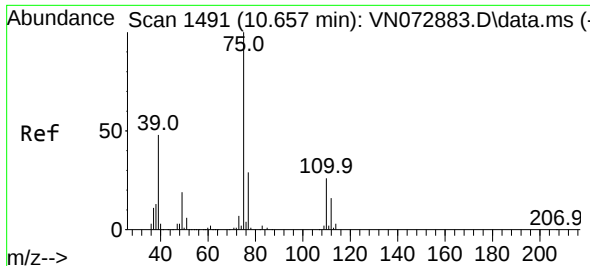


#52
Toluene
Concen: 51.451 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



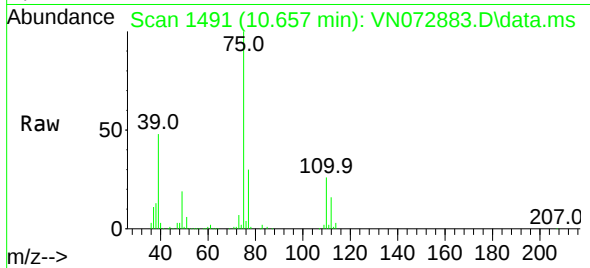
Tgt Ion: 92 Resp: 545257
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.493 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

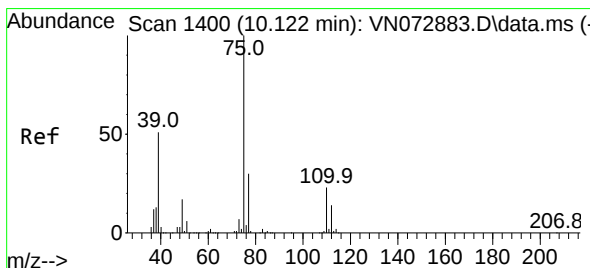
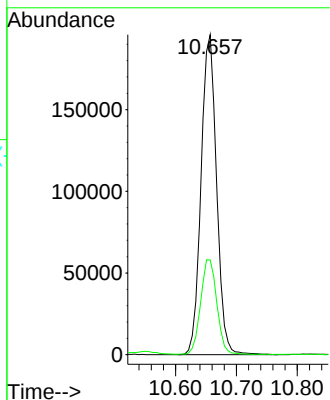
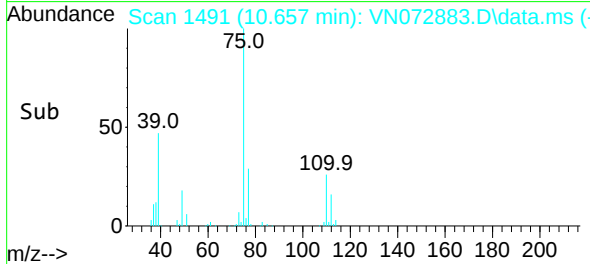
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 347395
Ion Ratio Lower Upper
75 100
77 29.5 25.6 38.4

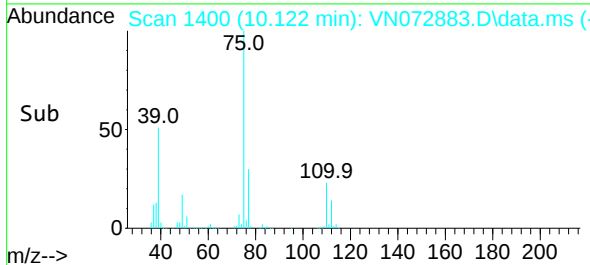
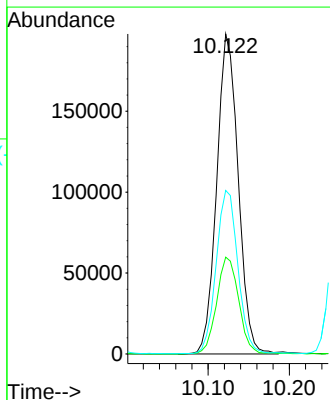
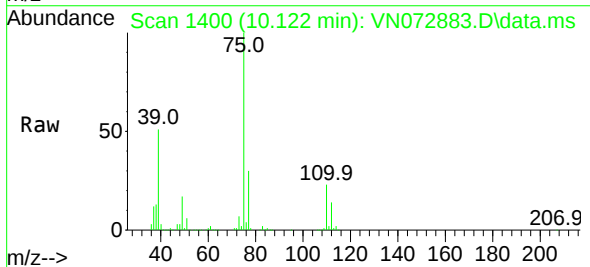
Manual Integrations
APPROVED

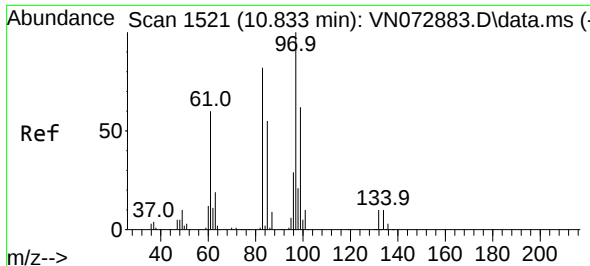
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#54
cis-1,3-Dichloropropene
Concen: 52.969 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

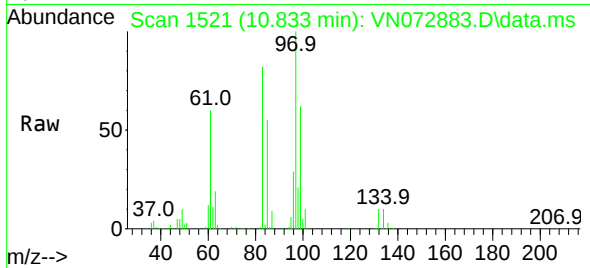
Tgt Ion: 75 Resp: 363945
Ion Ratio Lower Upper
75 100
77 30.3 25.2 37.8
39 50.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 51.598 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

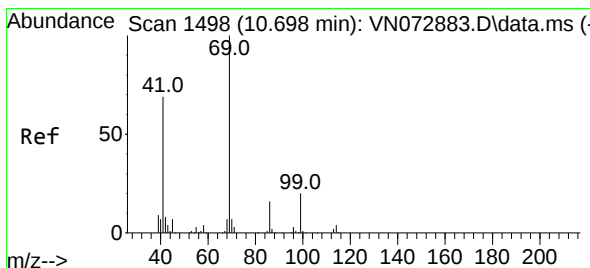
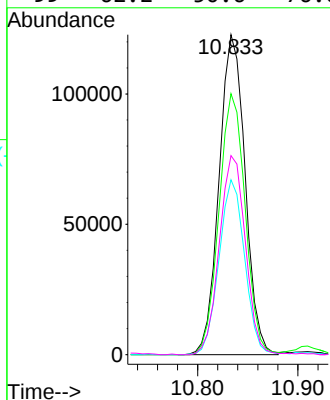
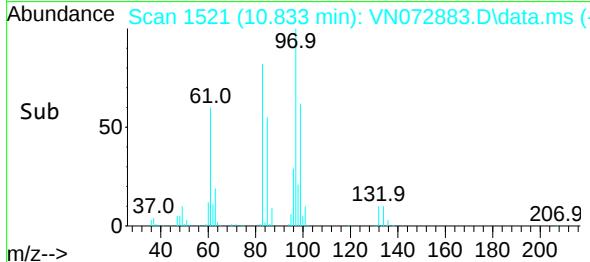
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



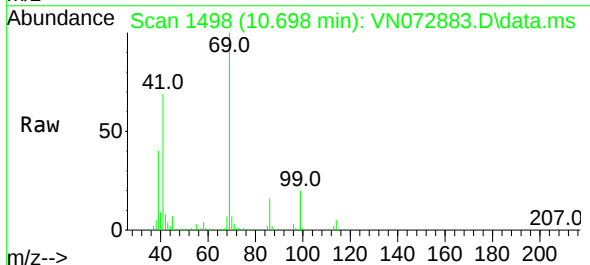
Tgt Ion: 97 Resp: 220758
Ion Ratio Lower Upper
97 100
83 81.5 66.2 99.4
85 54.6 43.9 65.9
99 62.2 50.6 76.0

Manual Integrations
APPROVED

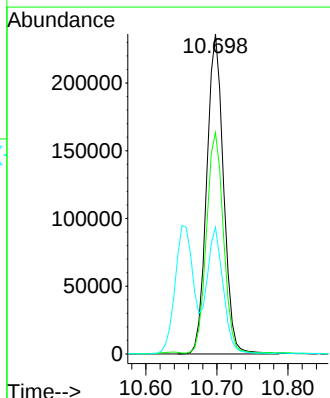
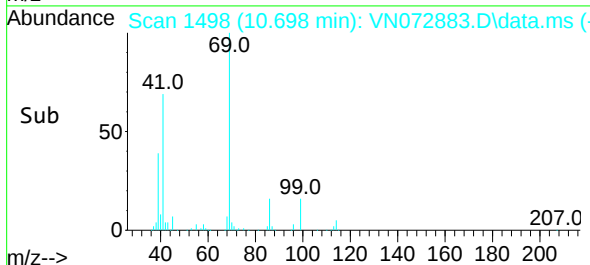
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

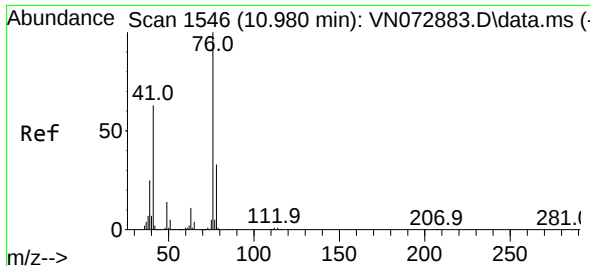


#56
Ethyl methacrylate
Concen: 53.434 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



Tgt Ion: 69 Resp: 388233
Ion Ratio Lower Upper
69 100
41 69.4 47.8 71.6
39 38.3 27.3 40.9





#57

1,3-Dichloropropane

Concen: 52.101 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 380390

Ion Ratio Lower Upper

76 100

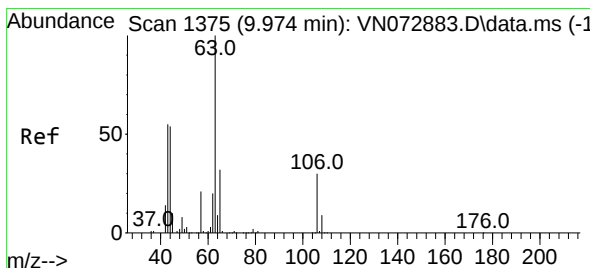
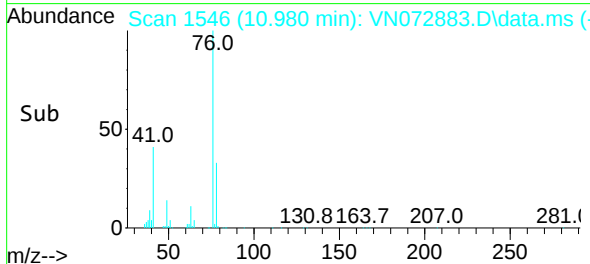
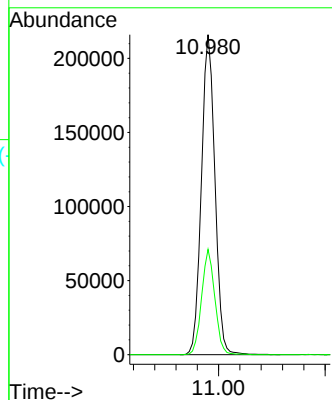
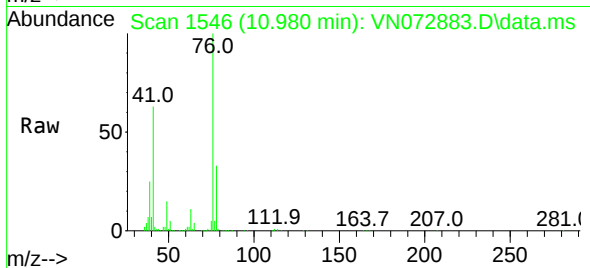
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 279.710 ug/l

RT: 9.974 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VN072883.D

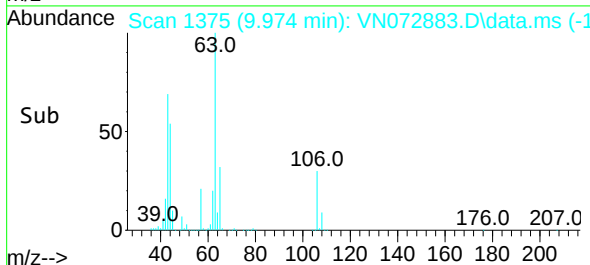
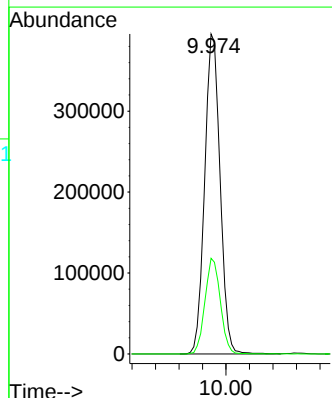
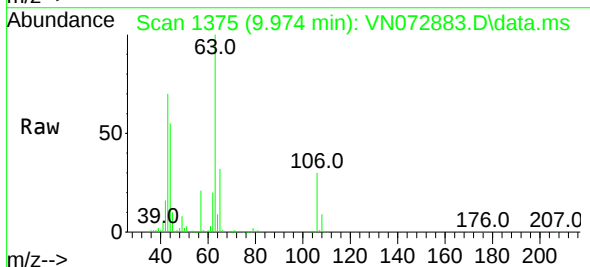
Acq: 16 Jun 2022 12:16

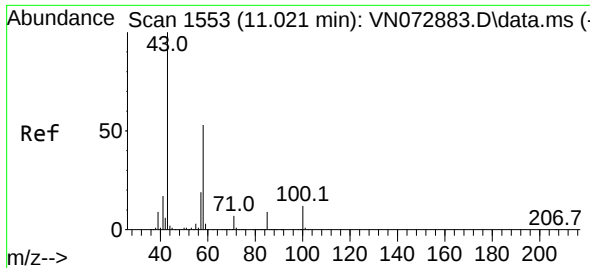
Tgt Ion: 63 Resp: 718379

Ion Ratio Lower Upper

63 100

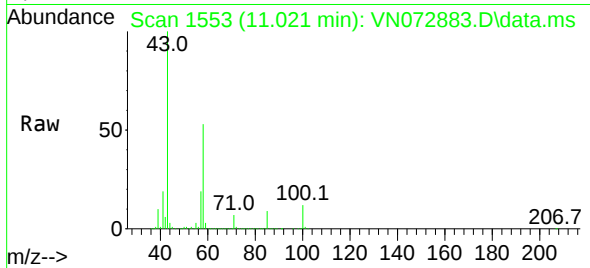
106 29.8 24.6 36.8





#59
2-Hexanone
Concen: 271.035 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

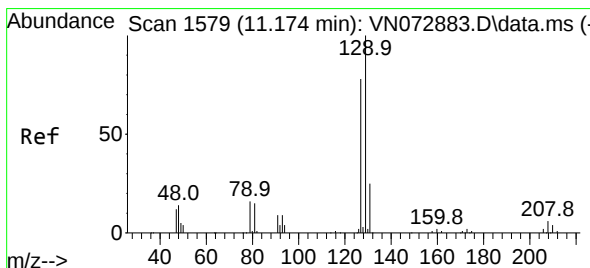
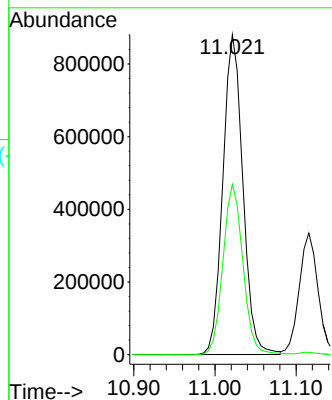
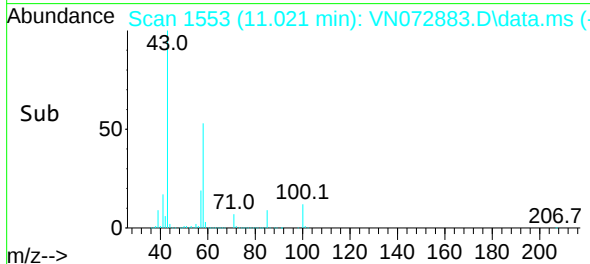
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 150721
Ion Ratio Lower Upper
43 100
58 53.3 29.7 89.1

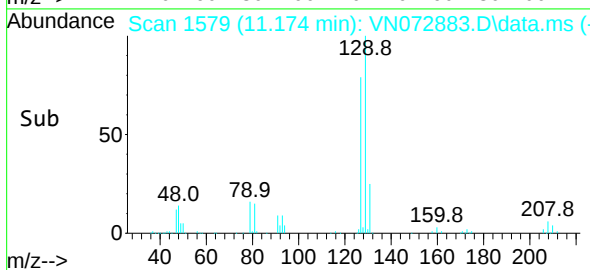
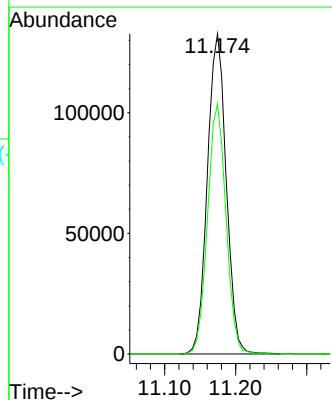
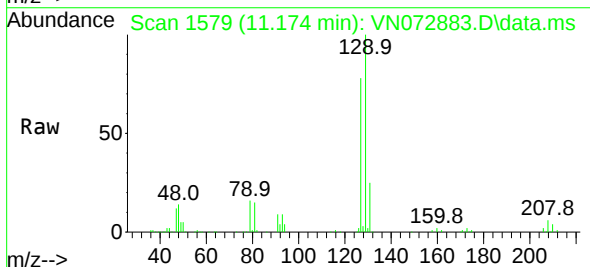
Manual Integrations
APPROVED

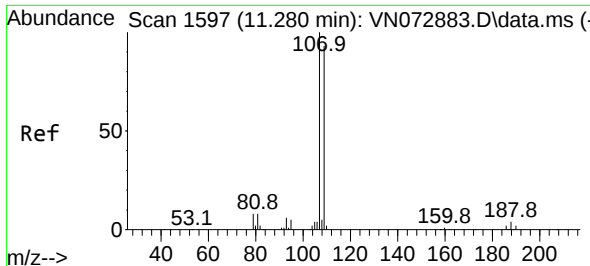
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#60
Dibromochloromethane
Concen: 53.307 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

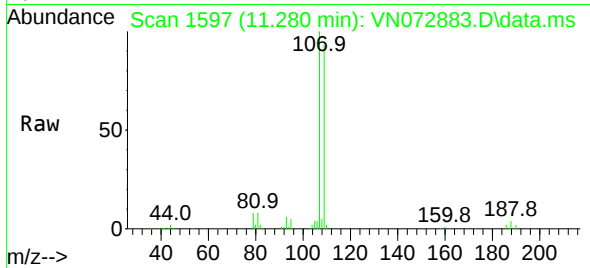
Tgt Ion:129 Resp: 244699
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.201 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

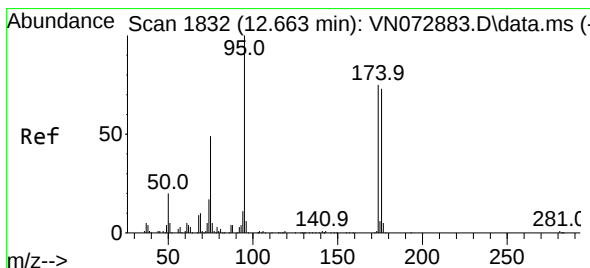
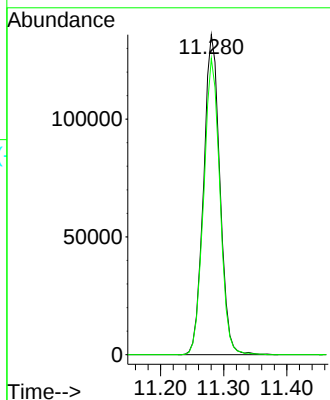
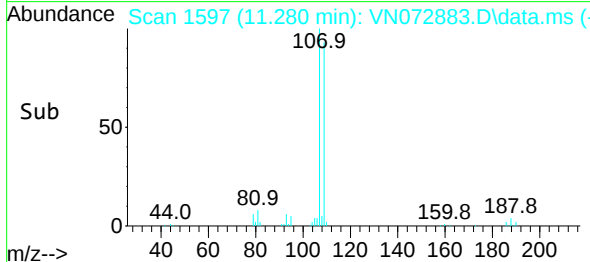
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



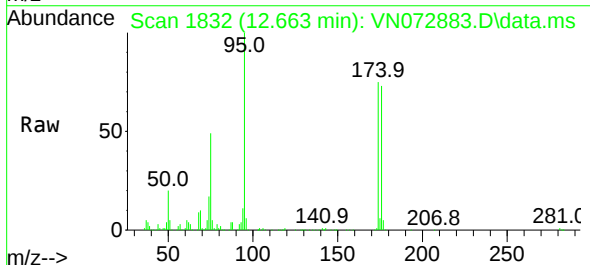
Tgt Ion:107 Resp: 24306
Ion Ratio Lower Upper
107 100
109 92.2 75.0 112.6

Manual Integrations
APPROVED

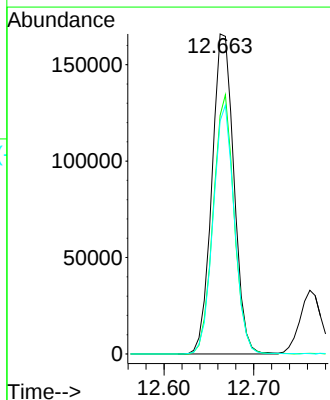
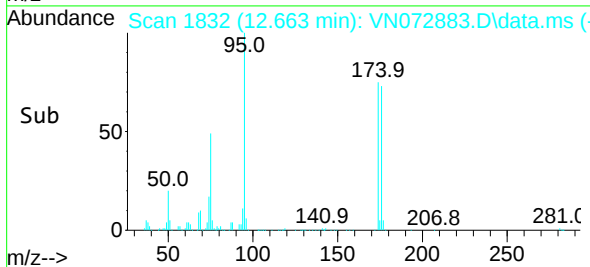
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

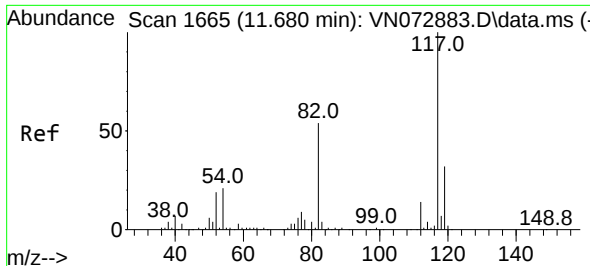


#62
4-Bromofluorobenzene
Concen: 55.337 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



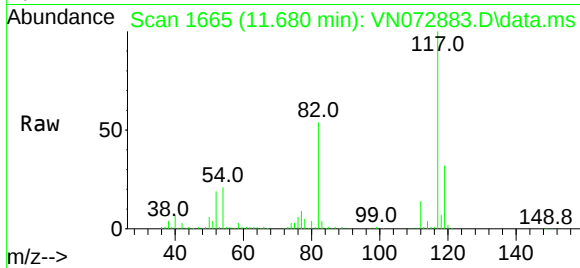
Tgt Ion: 95 Resp: 282777
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 74.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

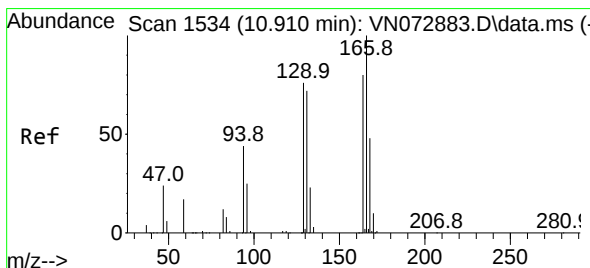
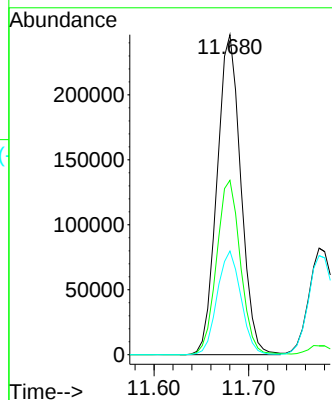
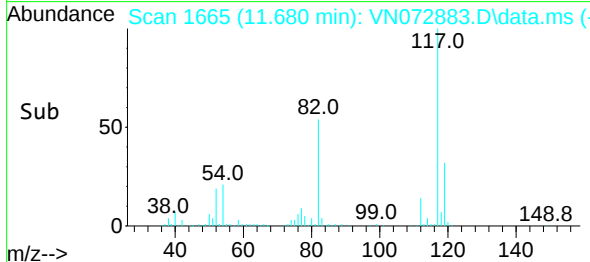
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 430680
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.4 25.4 38.0

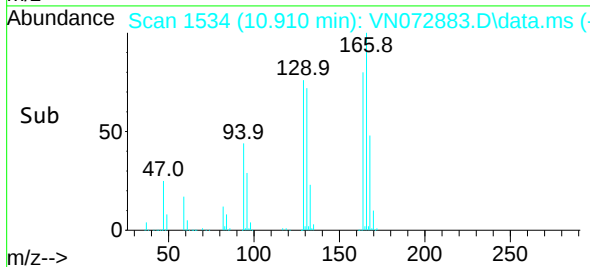
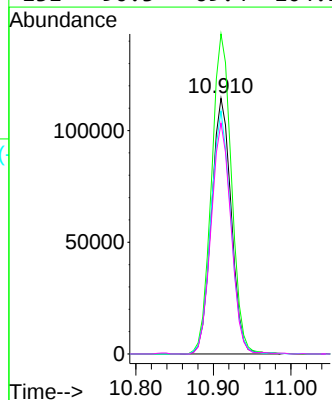
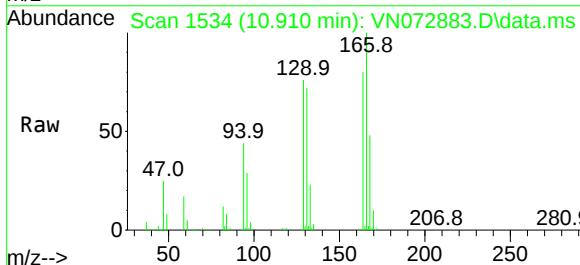
Manual Integrations
APPROVED

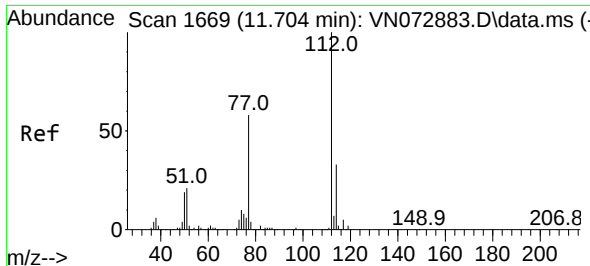
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64
Tetrachloroethene
Concen: 49.039 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Tgt Ion:164 Resp: 202778
Ion Ratio Lower Upper
164 100
166 125.1 104.2 156.2
129 95.0 73.9 110.9
131 90.3 69.4 104.2





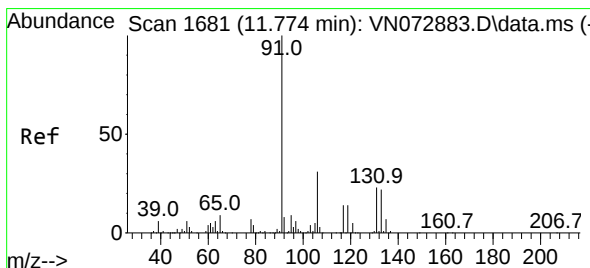
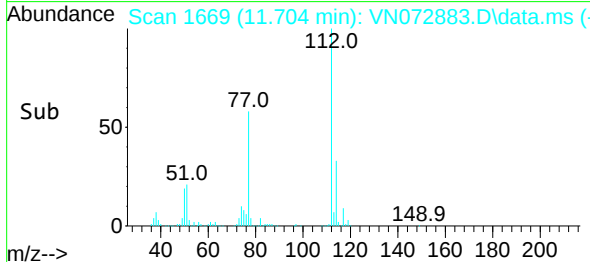
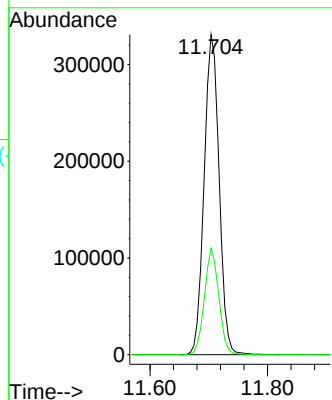
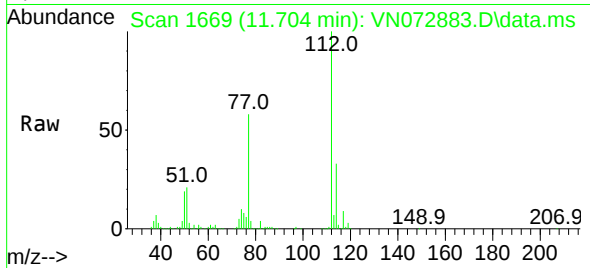
#65
Chlorobenzene
Concen: 51.538 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 584854
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

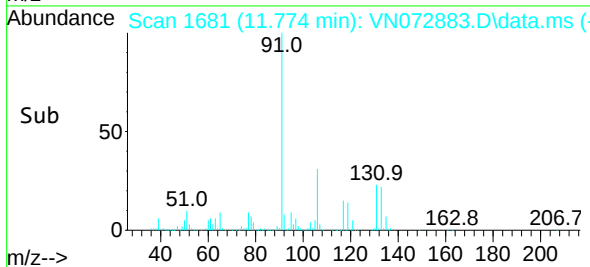
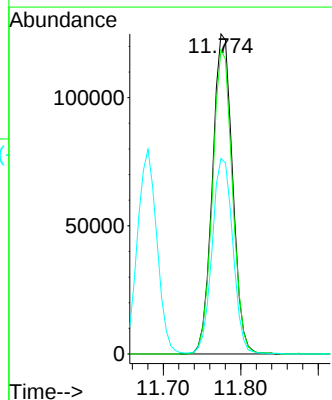
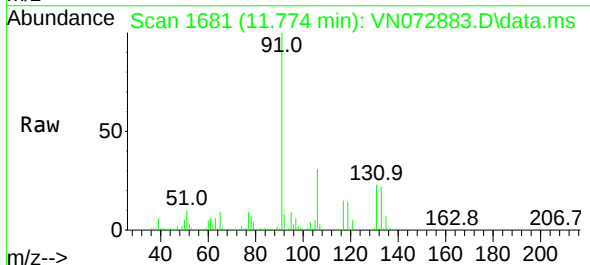
Manual Integrations
APPROVED

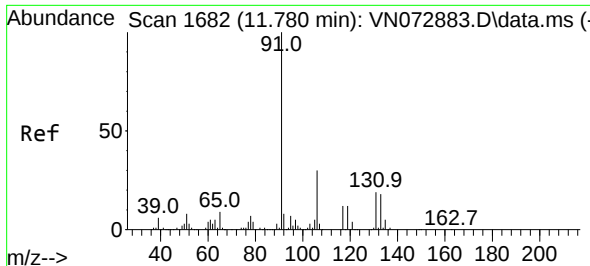
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.359 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Tgt Ion:131 Resp: 225327
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 62.9 33.4 100.2





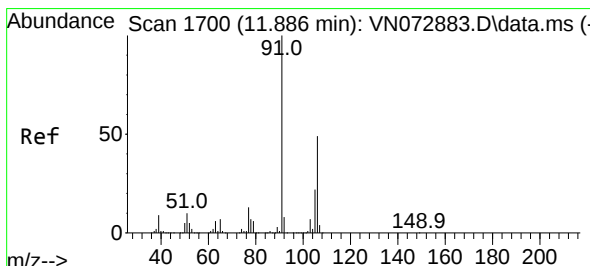
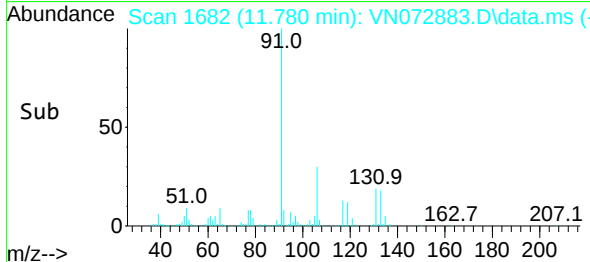
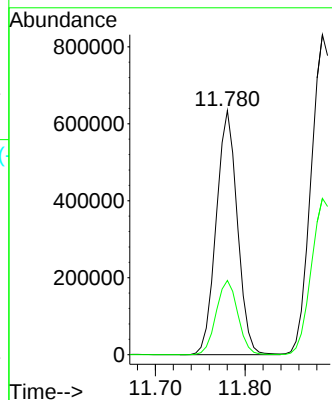
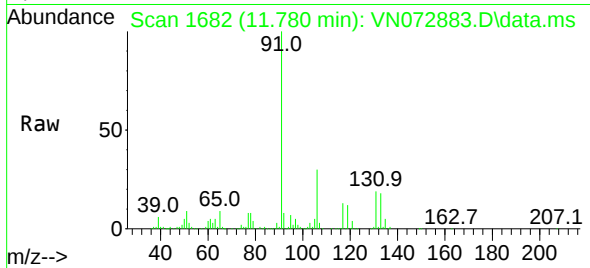
#67
Ethyl Benzene
Concen: 51.752 ug/l
RT: 11.780 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1037374
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

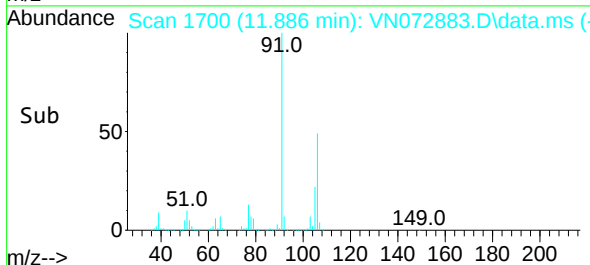
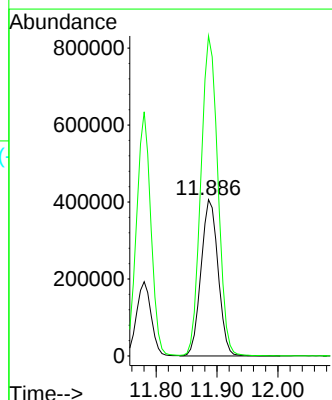
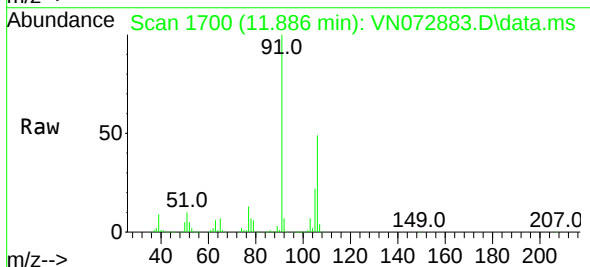
Manual Integrations
APPROVED

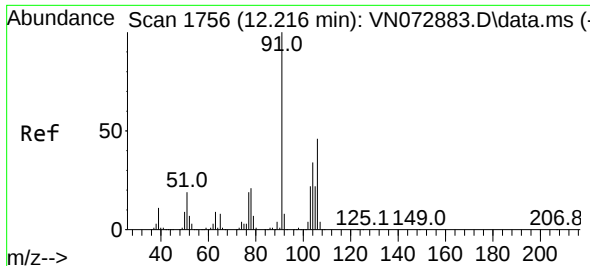
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 102.742 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Tgt Ion:106 Resp: 791162
Ion Ratio Lower Upper
106 100
91 203.7 158.9 238.3





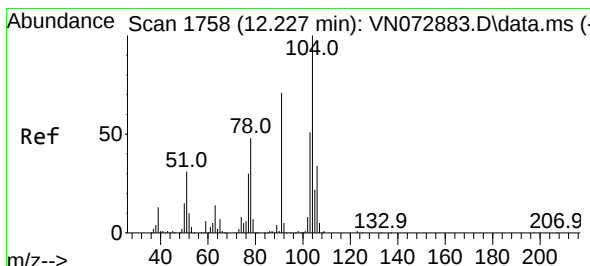
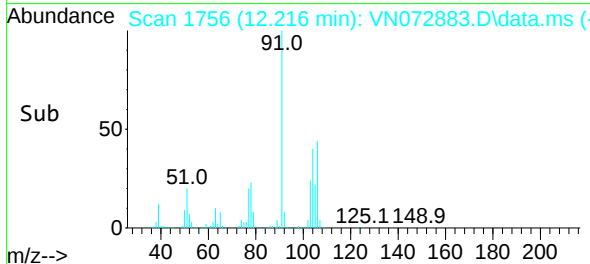
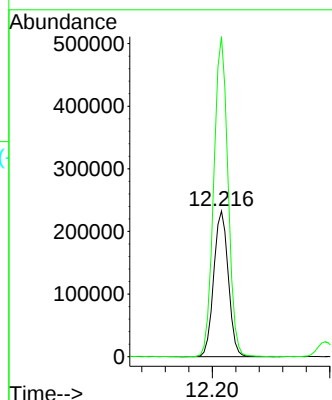
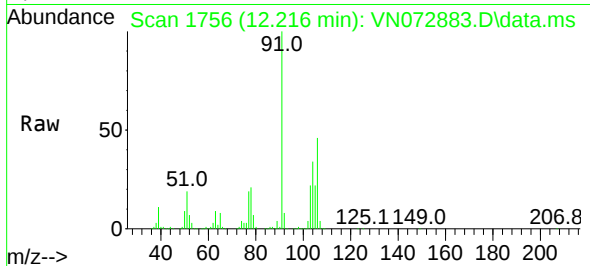
#69
o-Xylene
Concen: 50.386 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 398080
Ion Ratio Lower Upper
106 100
91 215.8 106.0 318.0

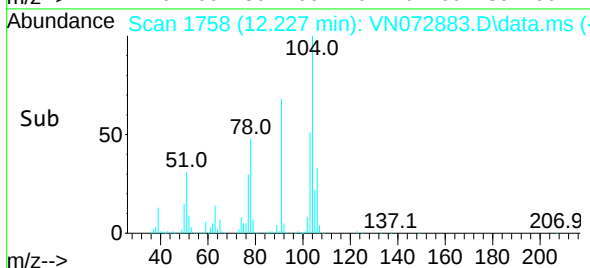
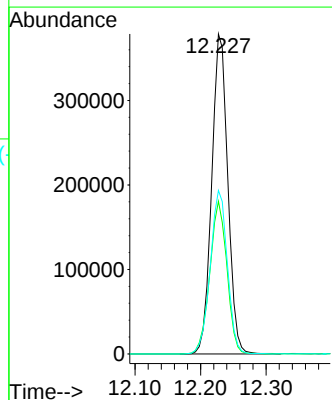
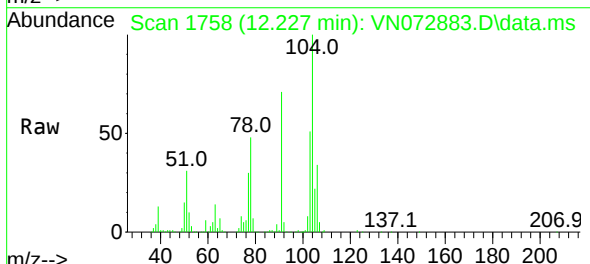
Manual Integrations
APPROVED

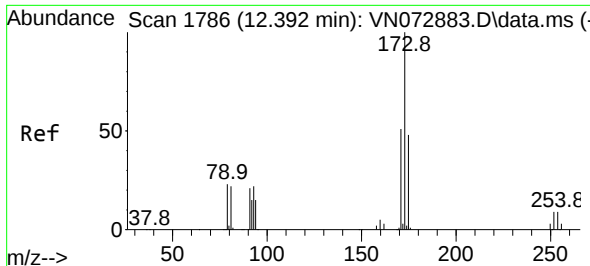
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#70
Styrene
Concen: 52.721 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

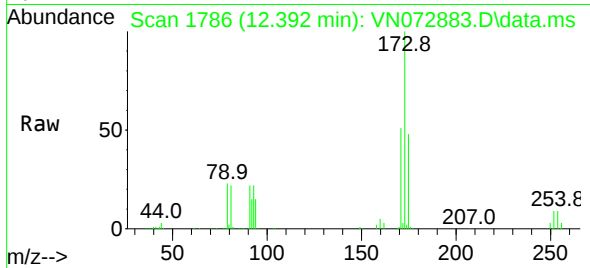
Tgt Ion:104 Resp: 644734
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 54.010 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

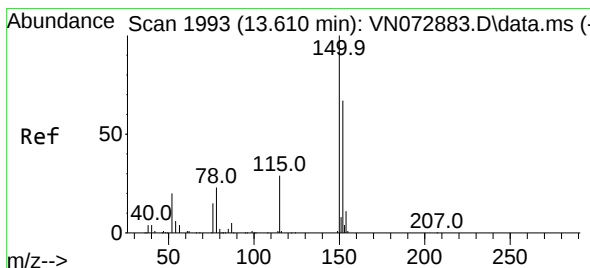
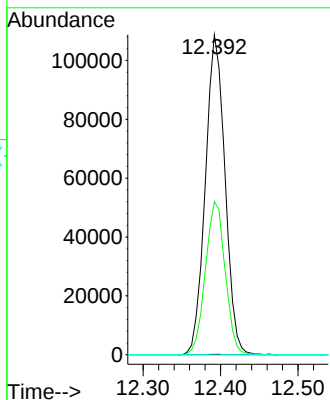
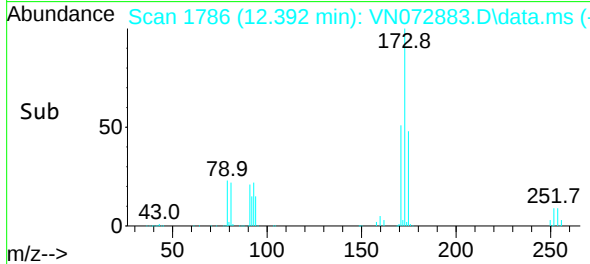
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 191460
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.1 0.1 0.1

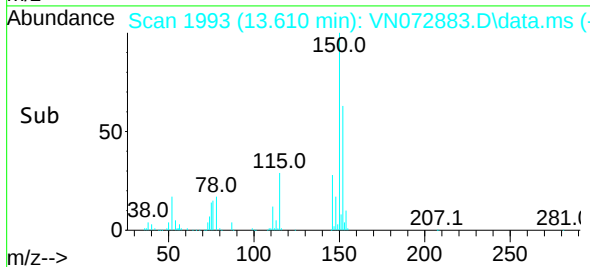
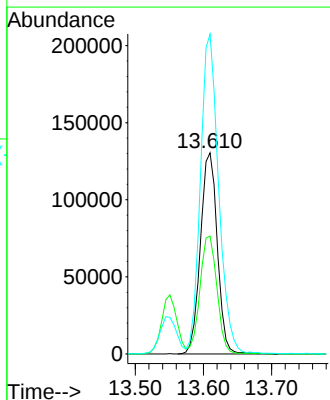
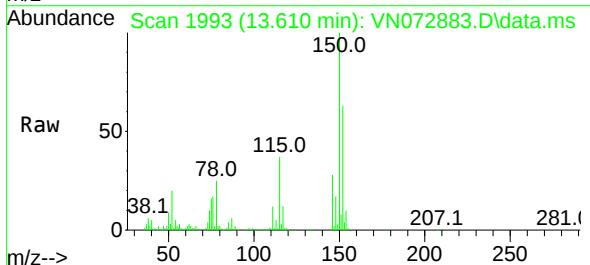
Manual Integrations
APPROVED

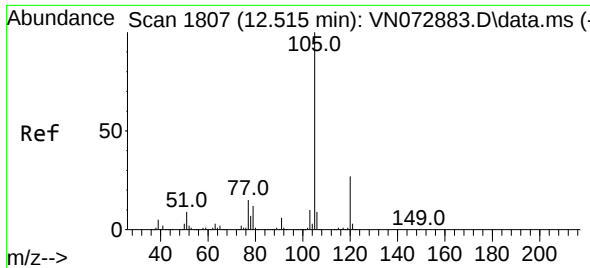
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

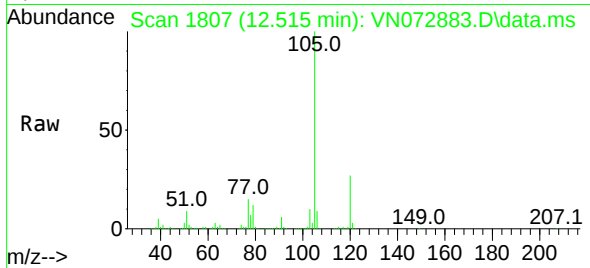
Tgt Ion:152 Resp: 224840
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.7
150 171.0 0.0 356.2





#73
Isopropylbenzene
Concen: 47.208 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

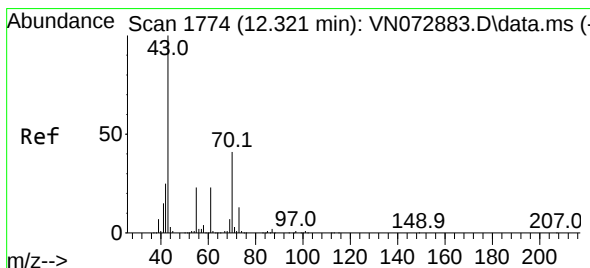
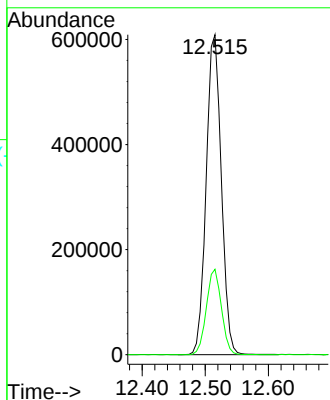
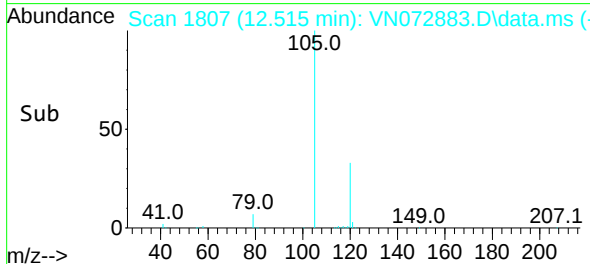
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



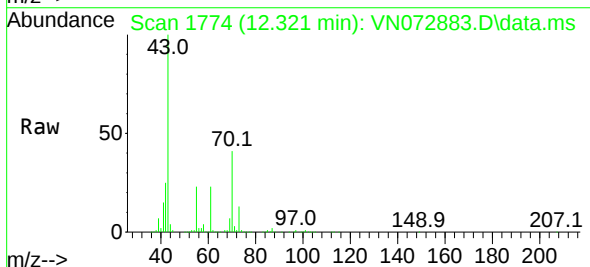
Tgt Ion:105 Resp: 1012240
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

Manual Integrations
APPROVED

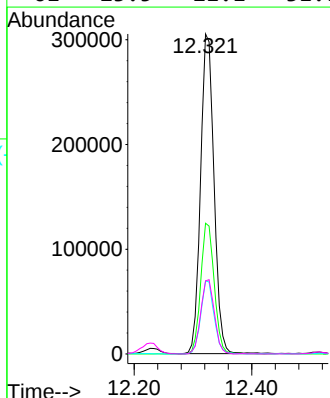
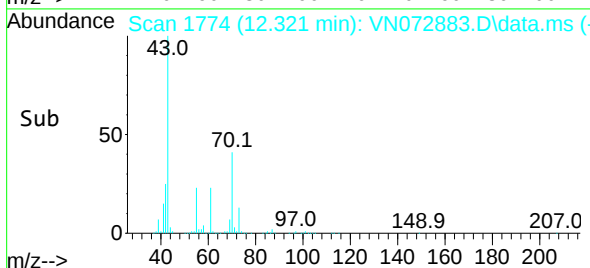
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

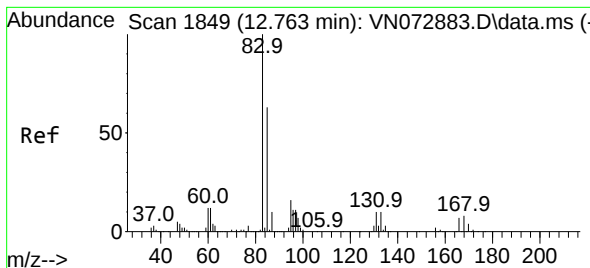


#74
N-ethyl acetate
Concen: 52.826 ug/l
RT: 12.321 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



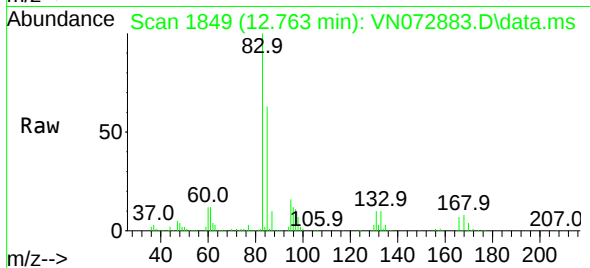
Tgt Ion: 43 Resp: 484711
Ion Ratio Lower Upper
43 100
70 41.3 39.0 58.4
55 22.6 21.1 31.7
61 23.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.421 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

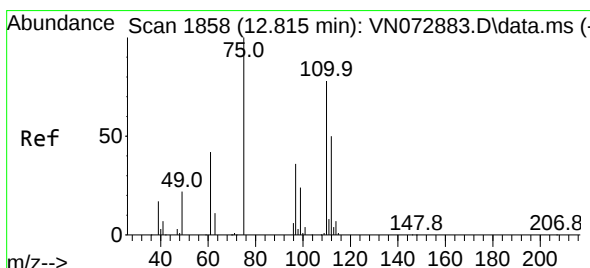
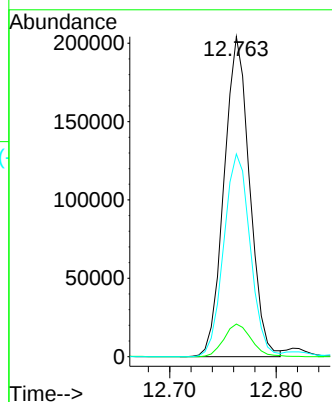
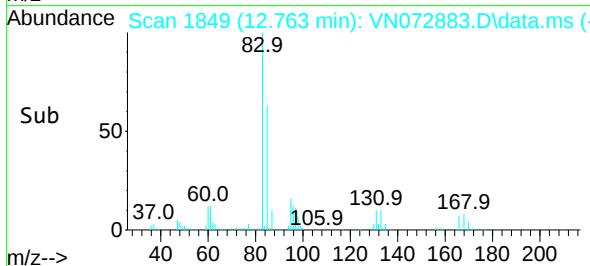
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



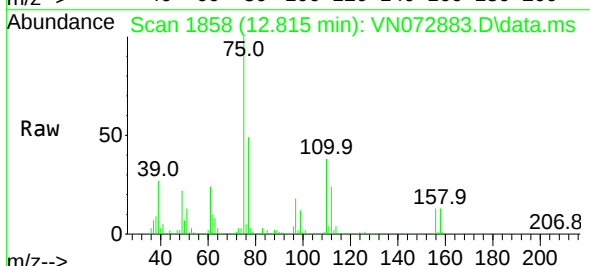
Tgt Ion: 83 Resp: 339478
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 65.5 32.3 96.9

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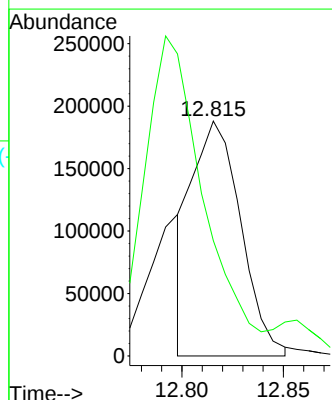
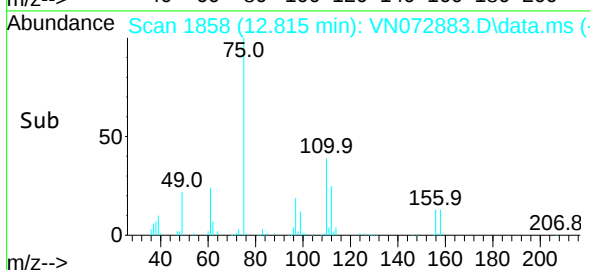
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

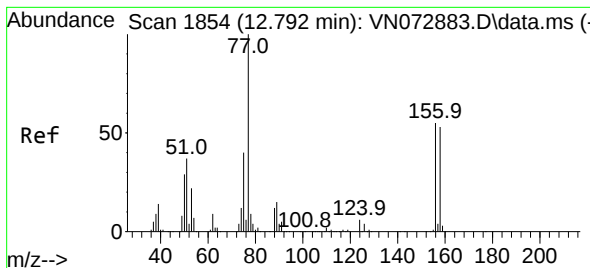


#76
1,2,3-Trichloropropane
Concen: 47.354 ug/l m
RT: 12.815 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



Tgt Ion: 75 Resp: 317412
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 48.395 ug/l

RT: 12.792 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 242510

Ion Ratio Lower Upper

156 100

77 216.1 100.5 301.5

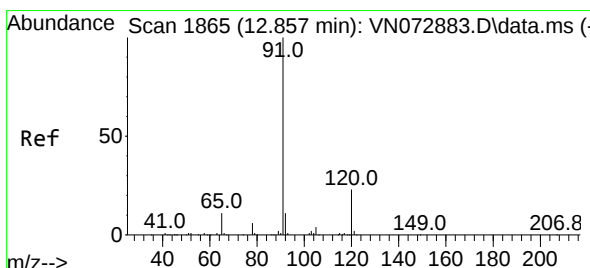
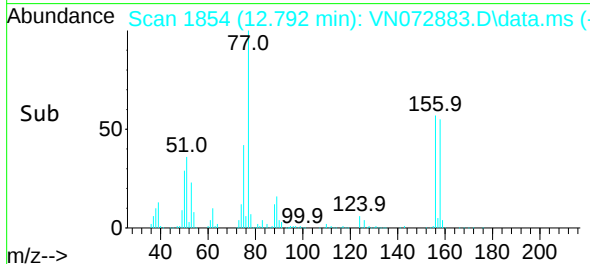
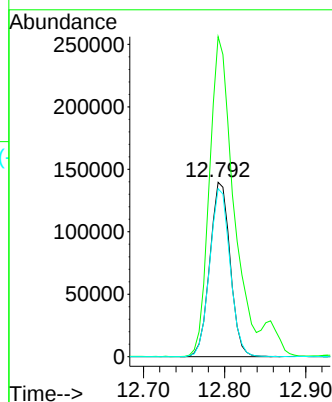
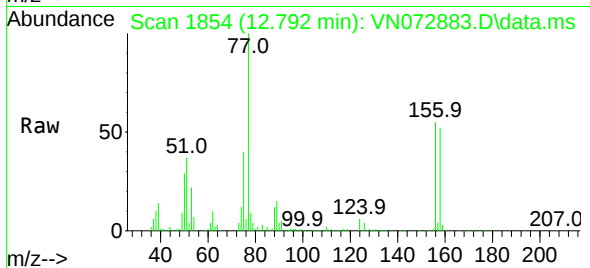
158 96.9 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#78

n-propylbenzene

Concen: 50.517 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072883.D

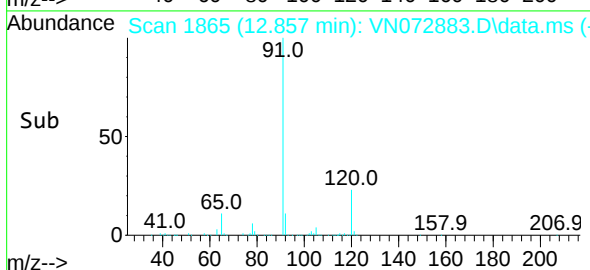
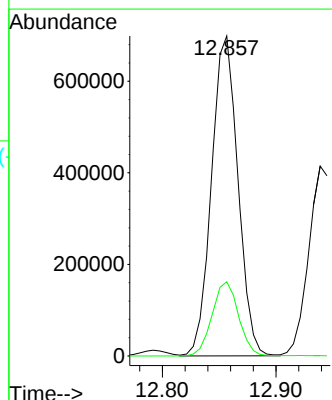
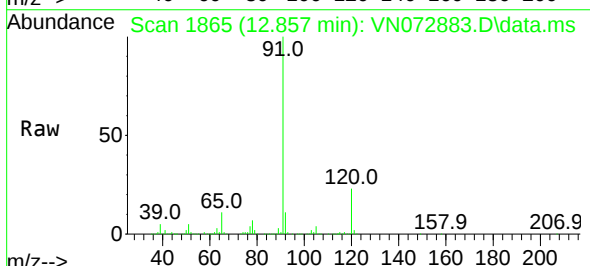
Acq: 16 Jun 2022 12:16

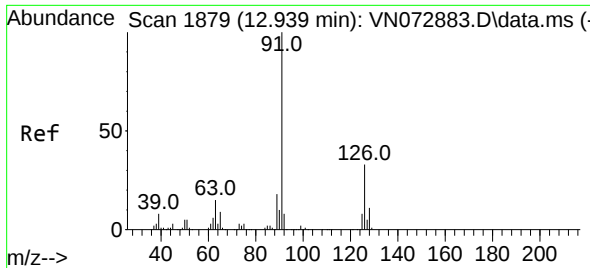
Tgt Ion: 91 Resp: 1129668

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5





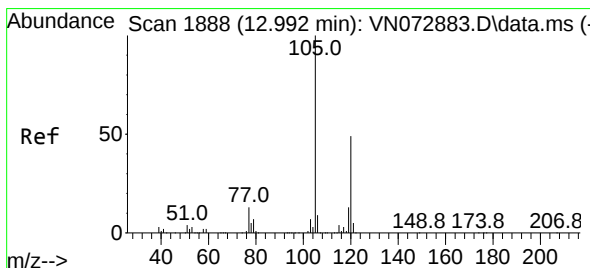
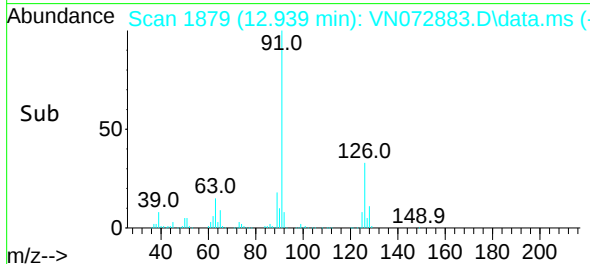
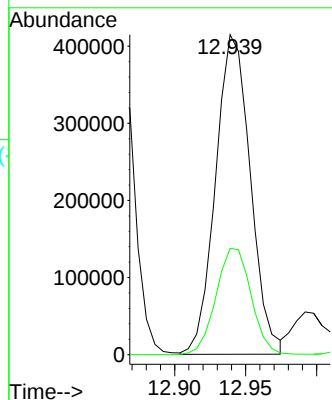
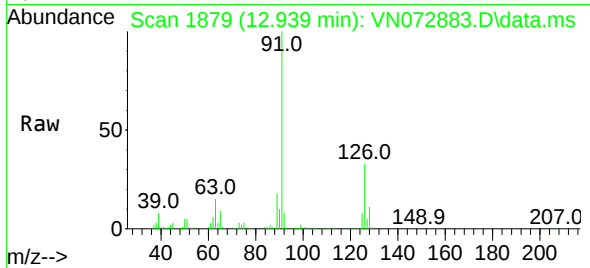
#79
2-Chlorotoluene
Concen: 48.547 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 707618
Ion Ratio Lower Upper
91 100
126 33.6 17.3 51.9

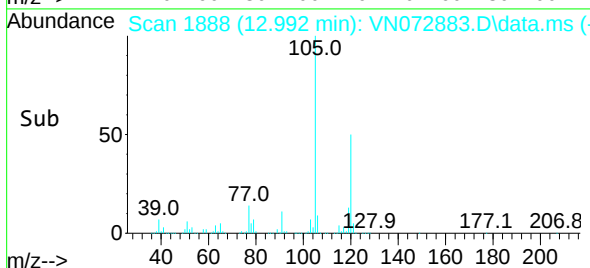
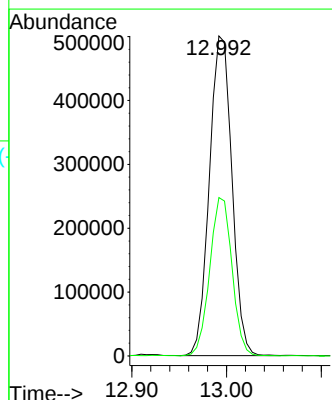
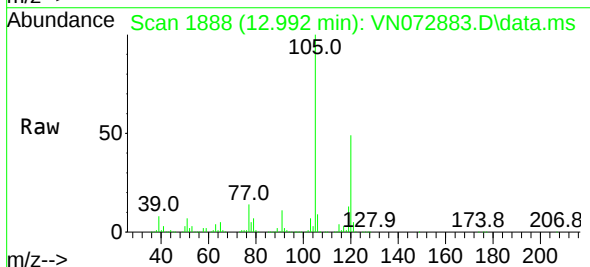
Manual Integrations
APPROVED

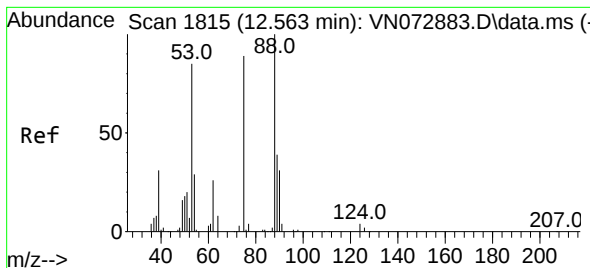
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.134 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

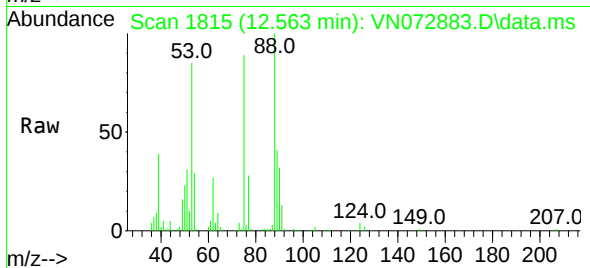
Tgt Ion:105 Resp: 827101
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 50.698 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

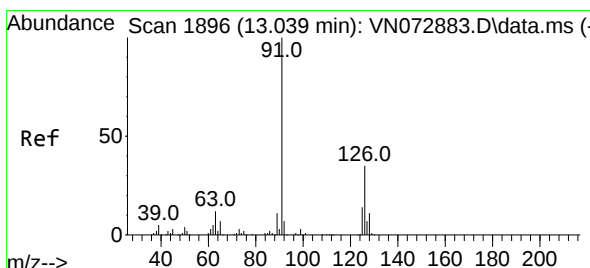
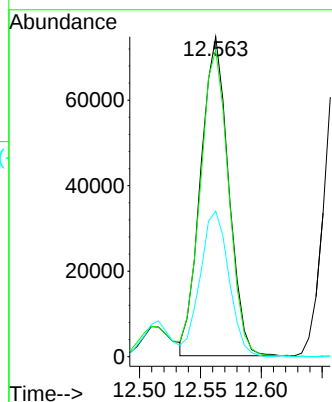
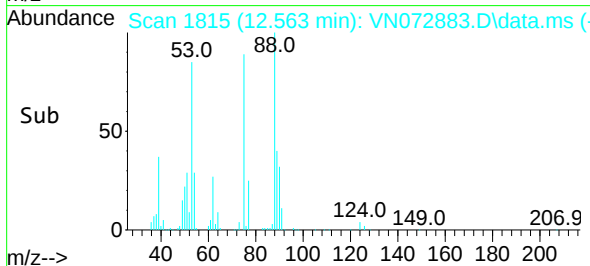
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 11914
Ion Ratio Lower Upper
75 100
53 97.8 78.0 117.0
89 47.0 37.2 55.8

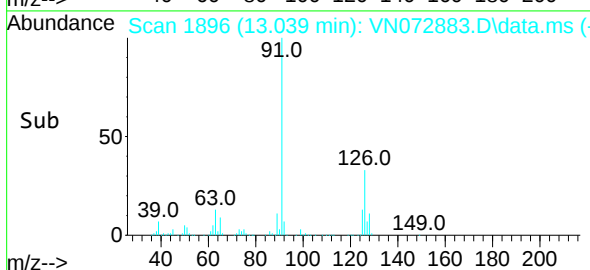
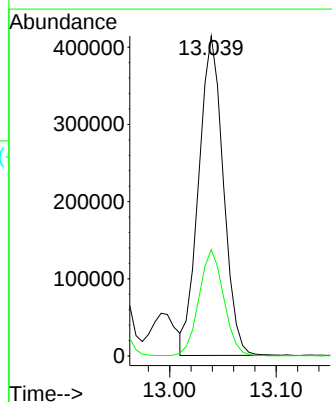
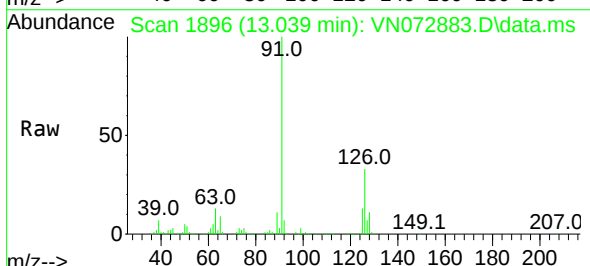
Manual Integrations
APPROVED

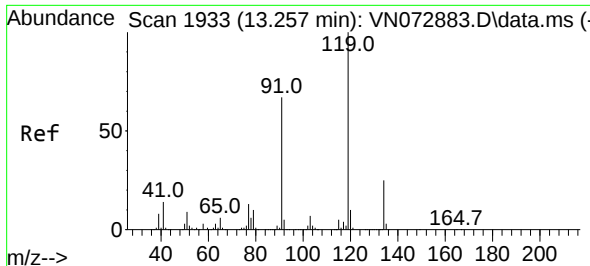
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#82
4-Chlorotoluene
Concen: 49.498 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

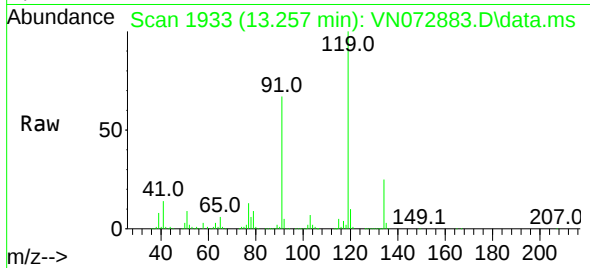
Tgt Ion: 91 Resp: 664913
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.555 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

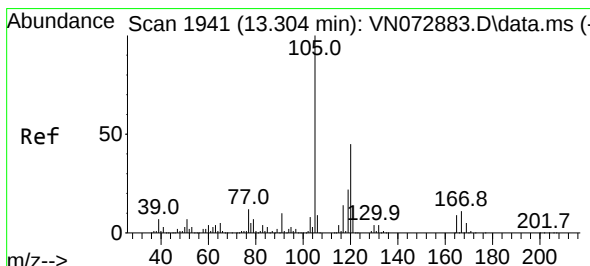
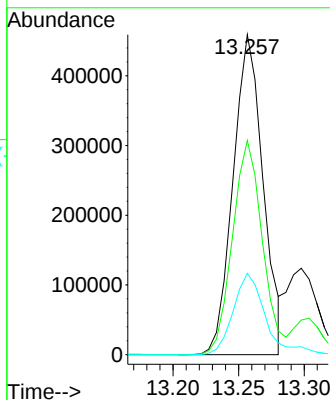
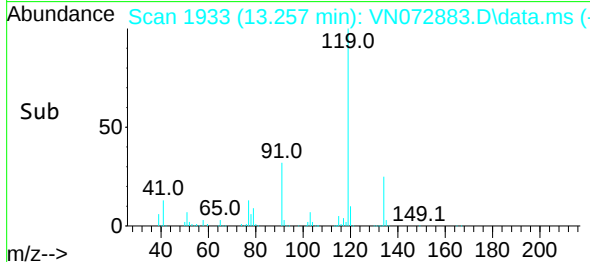
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



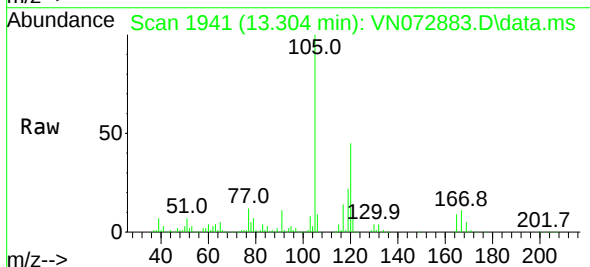
Tgt Ion:119 Resp: 73142
Ion Ratio Lower Upper
119 100
91 66.7 31.6 94.8
134 27.4 13.7 41.1

Manual Integrations
APPROVED

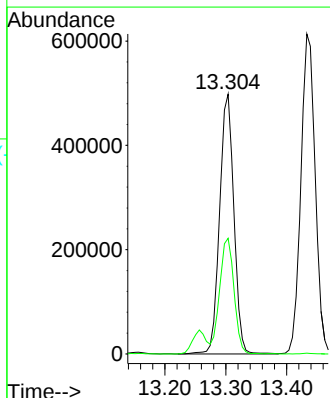
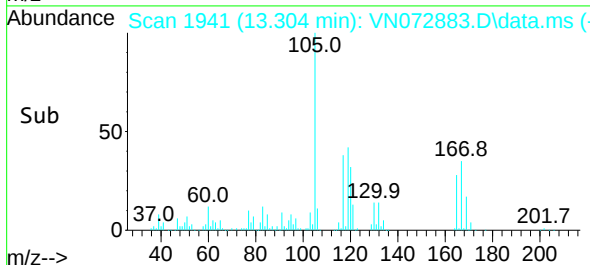
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

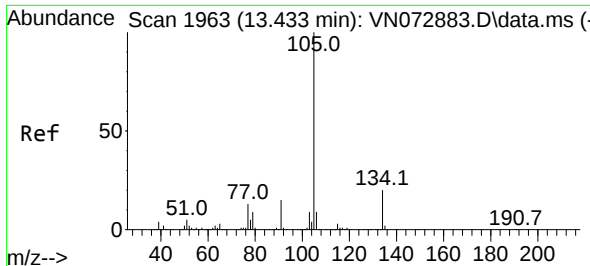


#84
1,2,4-Trimethylbenzene
Concen: 49.093 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



Tgt Ion:105 Resp: 811003
Ion Ratio Lower Upper
105 100
120 44.8 23.3 69.8





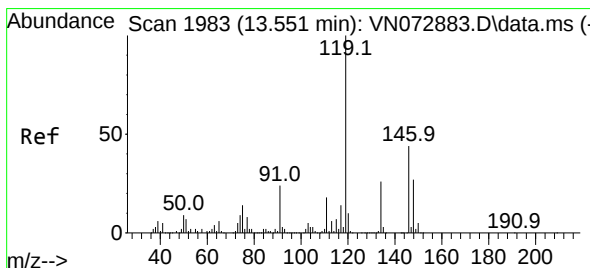
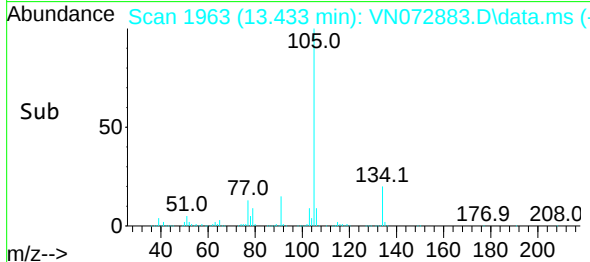
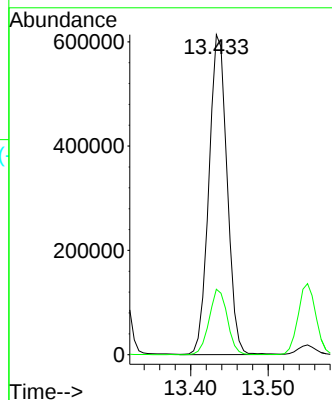
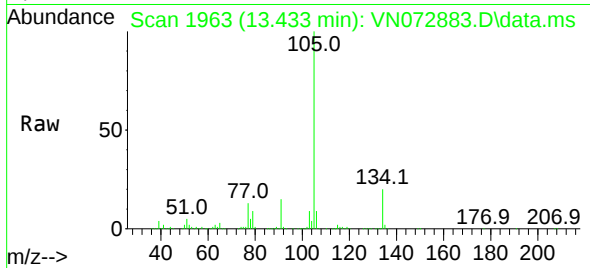
#85
 sec-Butylbenzene
 Concen: 50.213 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 1001218
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

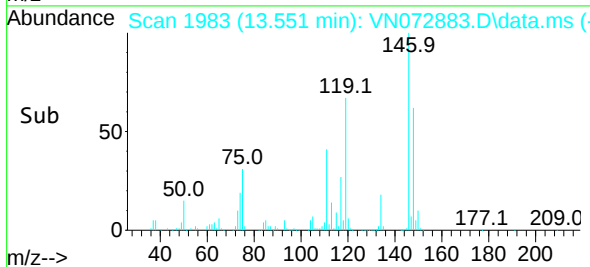
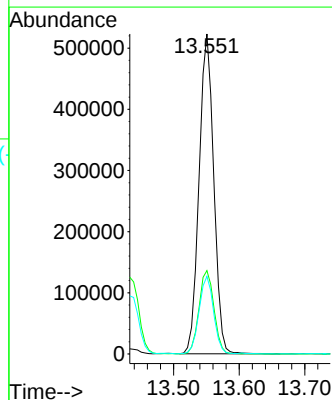
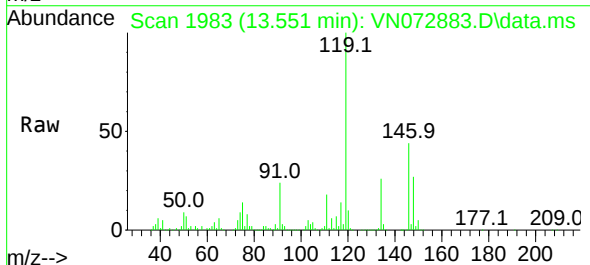
Manual Integrations
 APPROVED

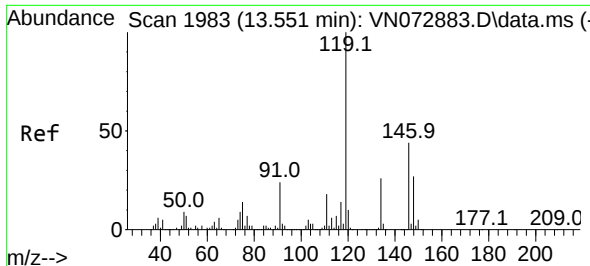
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 50.692 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

Tgt Ion:119 Resp: 815801
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.8 11.3 33.9





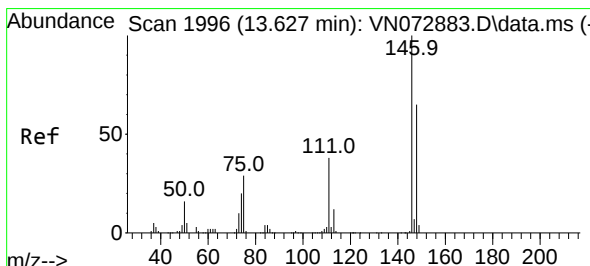
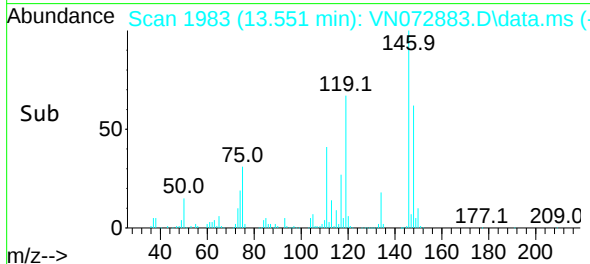
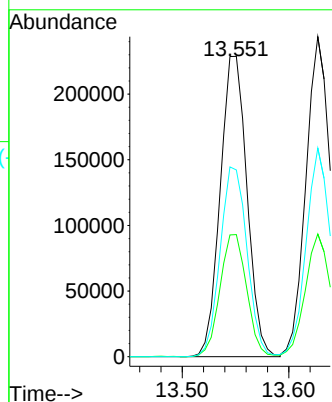
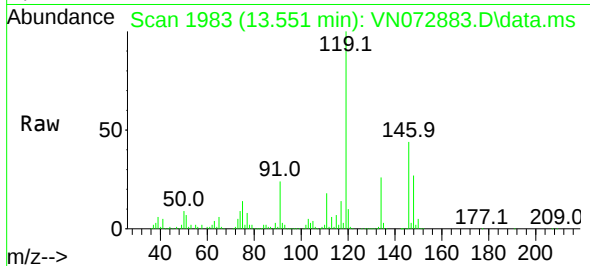
#87
 1,3-Dichlorobenzene
 Concen: 48.985 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 399849
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 63.3 32.0 96.0

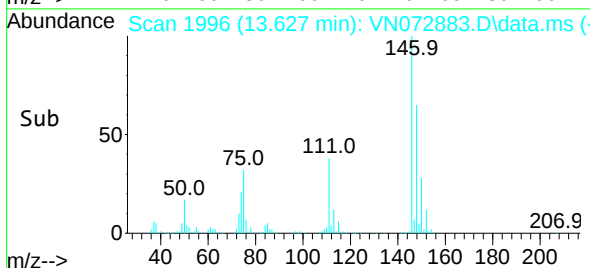
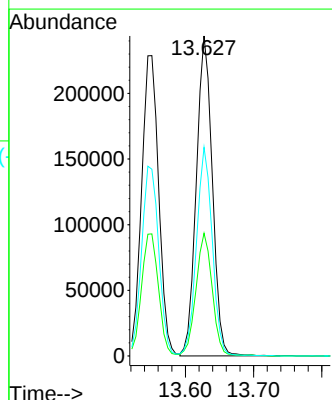
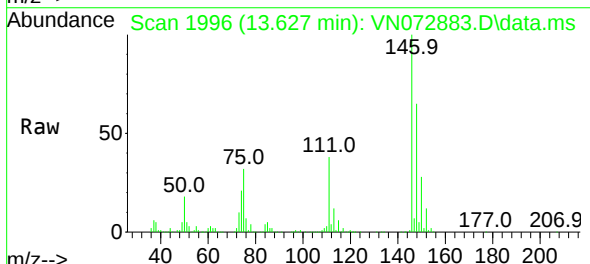
Manual Integrations
 APPROVED

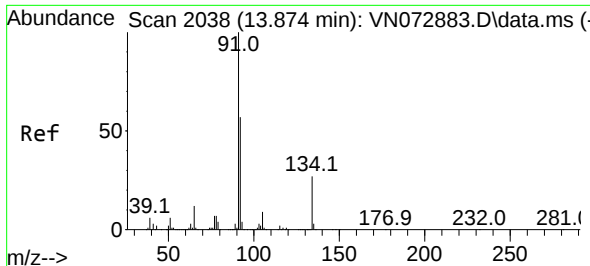
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#88
 1,4-Dichlorobenzene
 Concen: 48.098 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN072883.D
 Acq: 16 Jun 2022 12:16

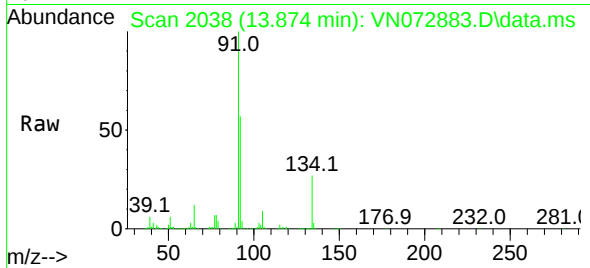
Tgt Ion:146 Resp: 395317
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.1
 148 64.2 31.4 94.3





#89
n-Butylbenzene
Concen: 52.435 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

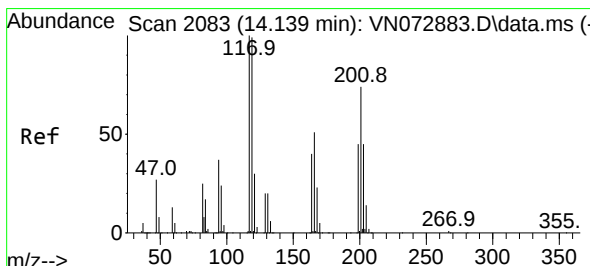
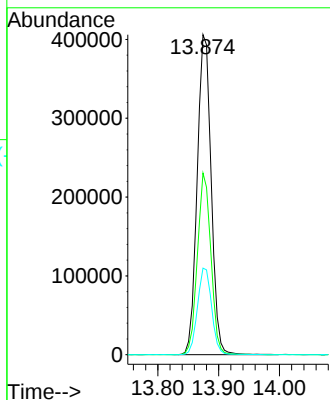
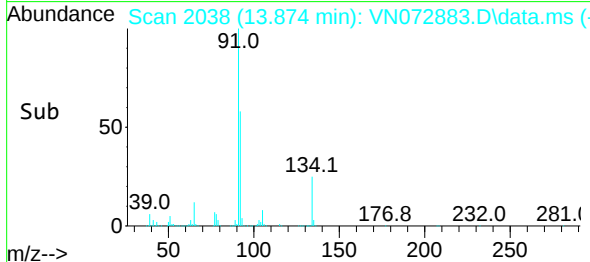
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 648599
Ion Ratio Lower Upper
91 100
92 54.9 26.9 80.7
134 27.4 13.6 40.8

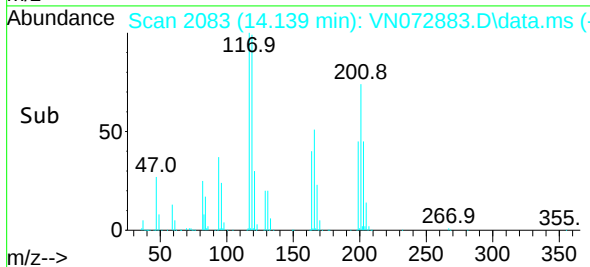
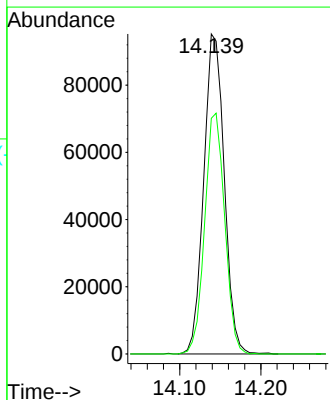
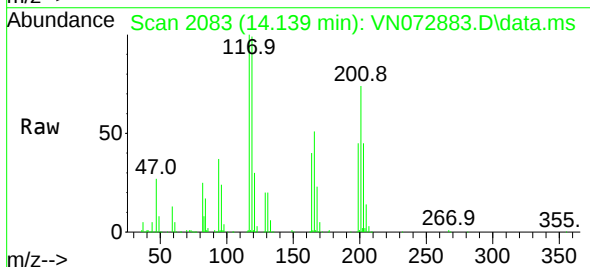
Manual Integrations
APPROVED

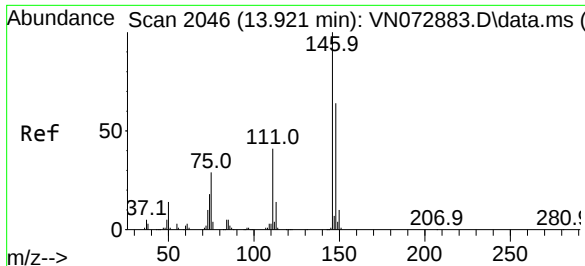
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 48.035 ug/l
RT: 14.139 min Scan# 2083
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

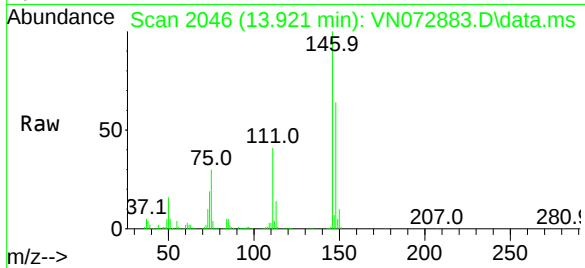
Tgt Ion:117 Resp: 167134
Ion Ratio Lower Upper
117 100
201 73.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.650 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

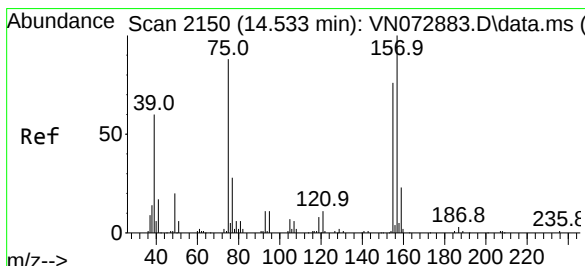
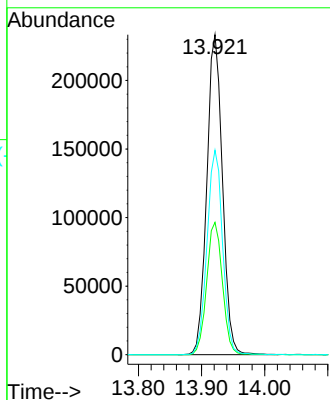
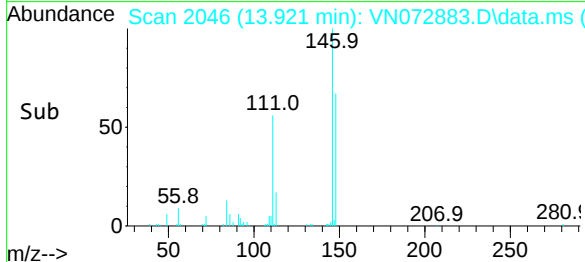
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



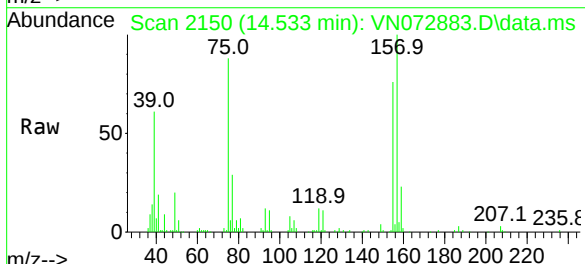
Tgt Ion:146 Resp: 401630
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations
APPROVED

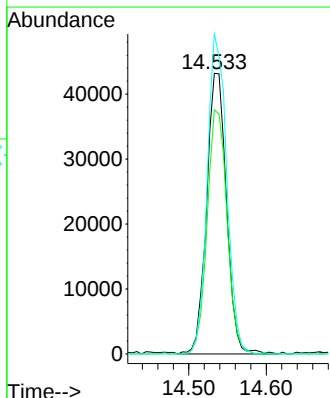
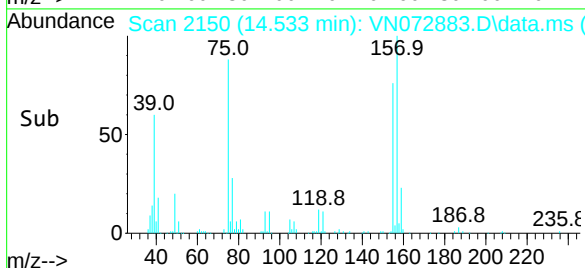
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

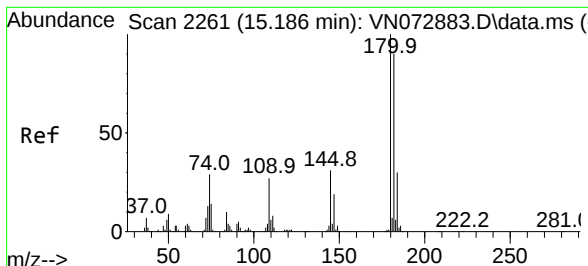


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.177 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16



Tgt Ion: 75 Resp: 76871
Ion Ratio Lower Upper
75 100
155 87.1 44.9 134.5
157 111.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 51.516 ug/l

RT: 15.186 min Scan# 21253

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 21253

Ion Ratio Lower Upper

180 100

182 93.9 47.5 142.5

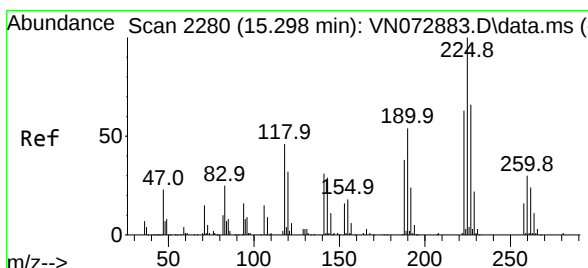
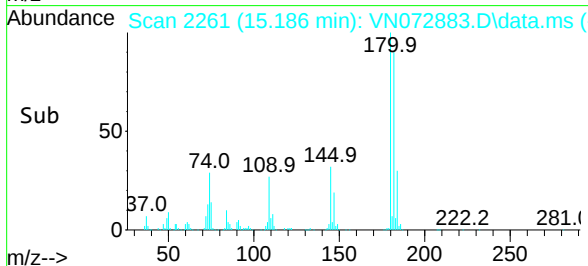
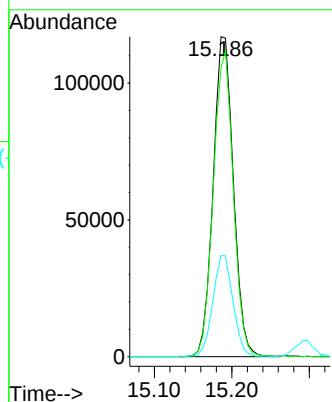
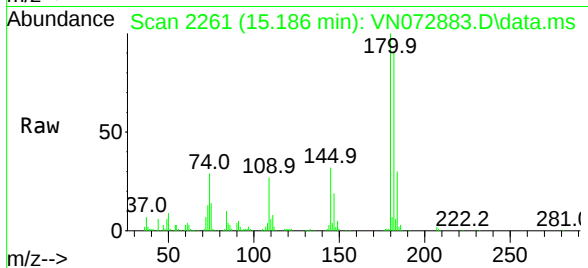
145 31.6 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#94

Hexachlorobutadiene

Concen: 46.544 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN072883.D

Acq: 16 Jun 2022 12:16

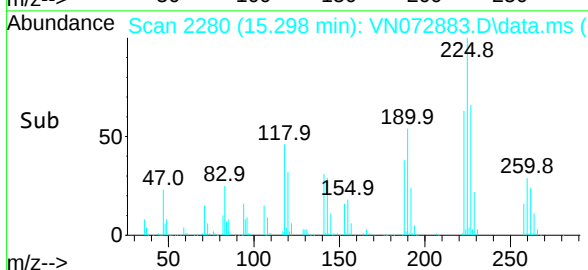
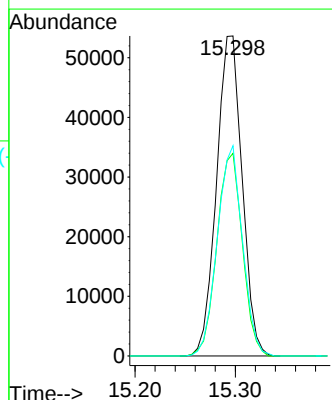
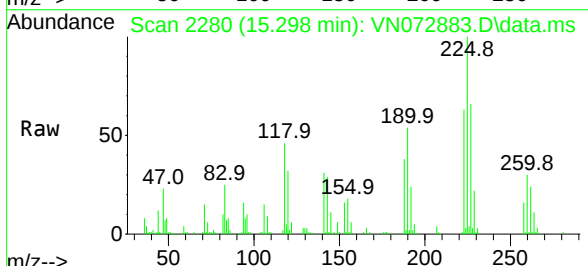
Tgt Ion:225 Resp: 95050

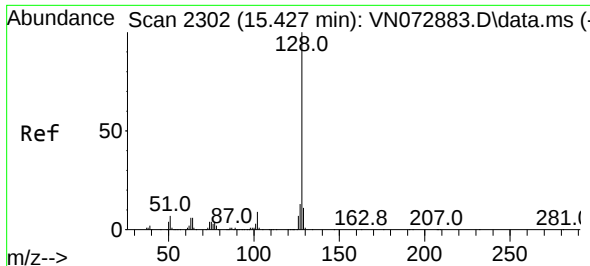
Ion Ratio Lower Upper

225 100

223 63.0 32.4 97.2

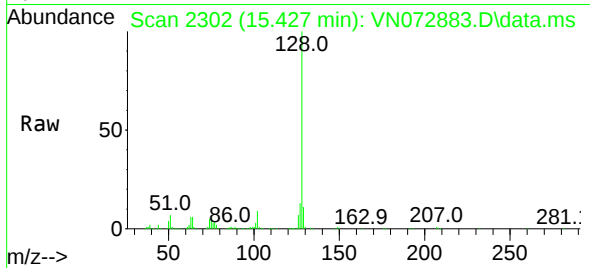
227 64.5 31.8 95.4





#95
Naphthalene
Concen: 53.100 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

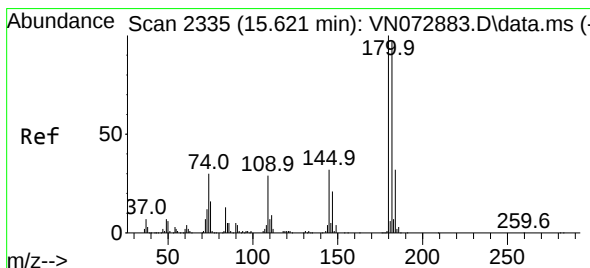
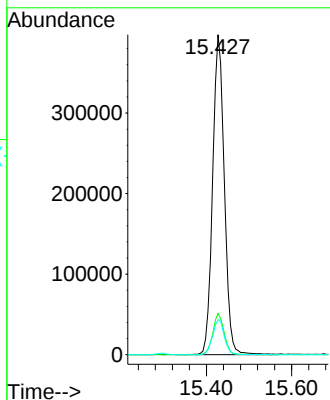
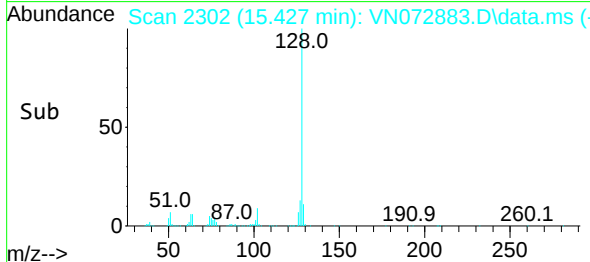
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 756415
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 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: 51.870 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN072883.D
Acq: 16 Jun 2022 12:16

Tgt Ion:180 Resp: 212505
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 32.9 15.5 46.5

