

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073890.D
 Acq On : 15 Aug 2022 11:39
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 15 13:10:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	607740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	891907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	815541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	425701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	310837	41.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.940%		
35) Dibromofluoromethane	7.951	113	277953	49.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	10.380	98	1089763	49.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.900%		
62) 4-Bromofluorobenzene	12.668	95	372704	54.689	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	244870	41.541	ug/l	98
3) Chloromethane	2.269	50	260857	30.705	ug/l	97
4) Vinyl Chloride	2.404	62	344549	33.421	ug/l	97
5) Bromomethane	2.787	94	210048	35.131	ug/l	100
6) Chloroethane	2.957	64	228992	31.848	ug/l	98
7) Trichlorofluoromethane	3.310	101	432105	40.669	ug/l	96
8) Diethyl Ether	3.763	74	161625	40.512	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.134	101	246897	42.001	ug/l	92
10) Methyl Iodide	4.345	142	346250	57.940	ug/l	98
11) Tert butyl alcohol	5.292	59	339143	212.326	ug/l	99
12) 1,1-Dichloroethene	4.116	96	235304	40.809	ug/l	92
13) Acrolein	3.981	56	235775	148.892	ug/l	99
14) Allyl chloride	4.763	41	345421	37.470	ug/l	95
15) Acrylonitrile	5.469	53	814162	184.268	ug/l	100
16) Acetone	4.222	43	667157	167.712	ug/l	98
17) Carbon Disulfide	4.457	76	564838	36.944	ug/l	99
18) Methyl Acetate	4.775	43	370974	37.485	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	860930	43.706	ug/l	94
20) Methylene Chloride	5.010	84	273537	32.584	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	255437	40.924	ug/l	92
22) Diisopropyl ether	6.410	45	757272	38.075	ug/l	95
23) Vinyl Acetate	6.351	43	3322931	199.277	ug/l	97
24) 1,1-Dichloroethane	6.304	63	457189	37.365	ug/l	96
25) 2-Butanone	7.257	43	1108221	179.390	ug/l	95
26) 2,2-Dichloropropane	7.251	77	410814	43.640	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	311385	40.490	ug/l	94
28) Bromochloromethane	7.580	49	169115	32.918	ug/l	85
29) Tetrahydrofuran	7.610	42	717677	183.744	ug/l	94
30) Chloroform	7.745	83	511042	40.088	ug/l	98
31) Cyclohexane	8.022	56	394010	35.733	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	460547	43.509	ug/l	97
36) 1,1-Dichloropropene	8.151	75	354262	44.381	ug/l	97
37) Ethyl Acetate	7.333	43	426887	40.608	ug/l	98
38) Carbon Tetrachloride	8.133	117	408054	50.333	ug/l	99
39) Methylcyclohexane	9.398	83	456801	47.890	ug/l	94
40) Benzene	8.392	78	1114823	43.009	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	213729	44.931	ug/l #	92
42) 1,2-Dichloroethane	8.463	62	386353	44.226	ug/l	99
43) Isopropyl Acetate	8.492	43	629080	44.305	ug/l	96
44) Trichloroethene	9.151	130	320746	48.796	ug/l	97
45) 1,2-Dichloropropane	9.427	63	271190	41.857	ug/l	100
46) Dibromomethane	9.516	93	205910	45.792	ug/l	92
47) Bromodichloromethane	9.698	83	396280	45.917	ug/l	95
48) Methyl methacrylate	9.498	41	278981	44.887	ug/l	90
49) 1,4-Dioxane	9.504	88	162063	925.022	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2167832	212.868	ug/l	99
52) Toluene	10.445	92	742669	46.908	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	439050	51.495	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	467656	48.675	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	305205	46.227	ug/l	98
56) Ethyl methacrylate	10.704	69	472902	51.970	ug/l	97
57) 1,3-Dichloropropane	10.986	76	493846	44.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1104208	269.815	ug/l	95
59) 2-Hexanone	11.027	43	1732772	224.575	ug/l	100
60) Dibromochloromethane	11.180	129	348381	53.041	ug/l	99
61) 1,2-Dibromoethane	11.286	107	334167	49.144	ug/l	100
64) Tetrachloroethene	10.916	164	297288	45.868	ug/l	96
65) Chlorobenzene	11.710	112	831374	47.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	322236	51.862	ug/l	98
67) Ethyl Benzene	11.786	91	1420879	48.620	ug/l	97
68) m/p-Xylenes	11.892	106	1145812	102.799	ug/l	97
69) o-Xylene	12.221	106	576704	53.071	ug/l	96
70) Styrene	12.233	104	938012	53.924	ug/l	98
71) Bromoform	12.398	173	297459	58.001	ug/l #	100
73) Isopropylbenzene	12.521	105	1484528	47.638	ug/l	98
74) N-amyl acetate	12.327	43	548097	46.551	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	477317	39.693	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	481835m	49.851	ug/l	
77) Bromobenzene	12.798	156	398199	49.068	ug/l	88
78) n-propylbenzene	12.863	91	1640164	46.777	ug/l	97
79) 2-Chlorotoluene	12.945	91	984302	44.978	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1231063	48.004	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	162473	49.461	ug/l	95
82) 4-Chlorotoluene	13.045	91	954374	46.013	ug/l	95
83) tert-Butylbenzene	13.262	119	1128913	49.699	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	1246271	49.423	ug/l	99
85) sec-Butylbenzene	13.439	105	1533952	48.860	ug/l	98
86) p-Isopropyltoluene	13.557	119	1332630	53.846	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	702643	47.435	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	694052	46.829	ug/l	98
89) n-Butylbenzene	13.880	91	1022937	50.798	ug/l	98
90) Hexachloroethane	14.151	117	227021	46.233	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	705046	46.970	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	116513	48.224	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	455084	61.051	ug/l	98
94) Hexachlorobutadiene	15.304	225	227788	56.211	ug/l	99
95) Naphthalene	15.433	128	1511976	62.506	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	463853	59.125	ug/l	99

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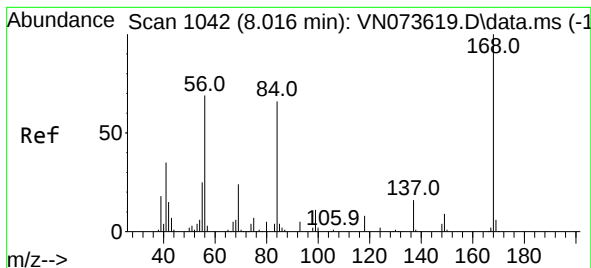
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Quant Title : SW846 8260
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Response via : Initial Calibration

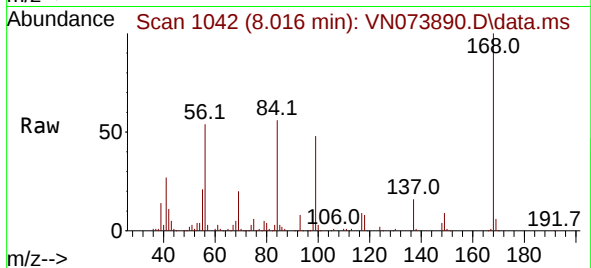
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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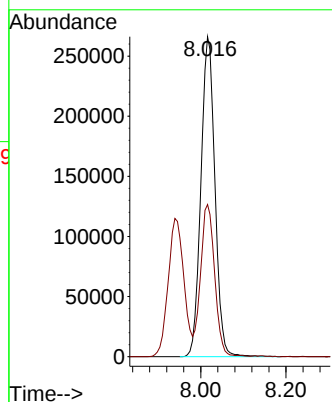
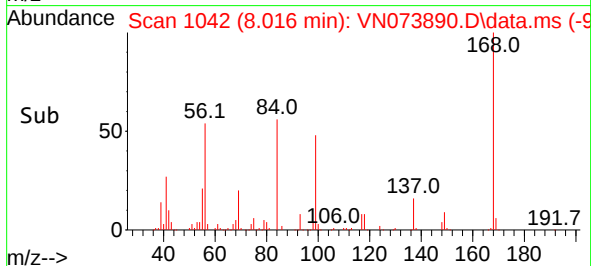
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MSVOA_N
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VSTDICCC050



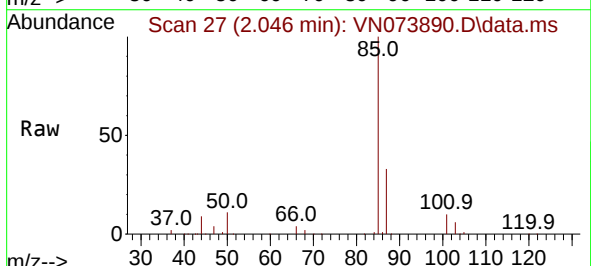
Tgt Ion:168 Resp: 607740
Ion Ratio Lower Upper
168 100
99 47.5 42.3 63.5

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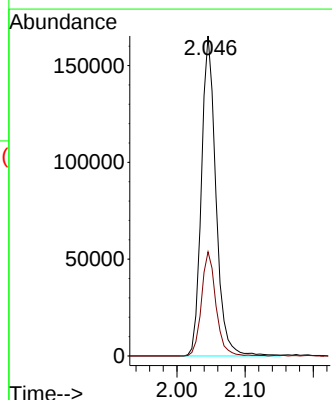
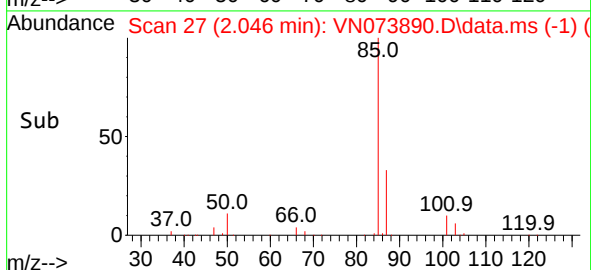
Reviewed By :John Carlone 08/16/2022
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#2
Dichlorodifluoromethane
Concen: 41.541 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



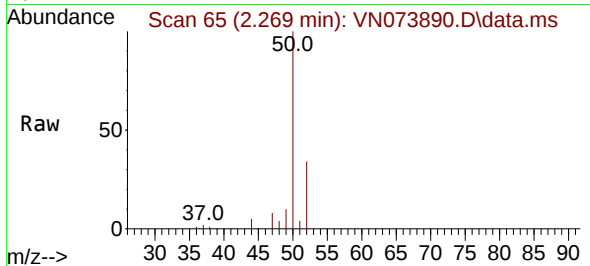
Tgt Ion: 85 Resp: 244870
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3
Chloromethane
Concen: 30.705 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

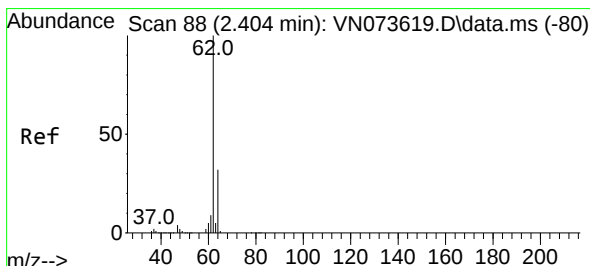
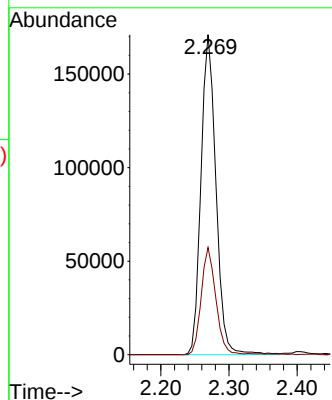
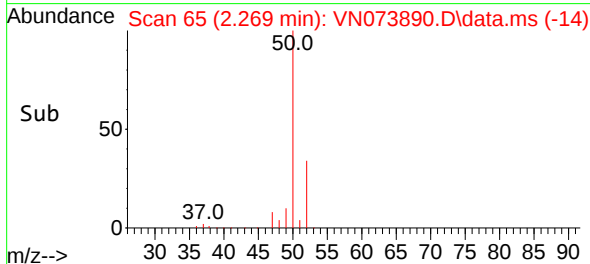
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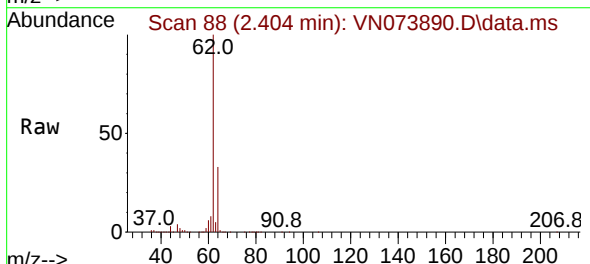
Tgt Ion: 50 Resp: 26085
Ion Ratio Lower Upper
50 100
52 33.5 25.7 38.5

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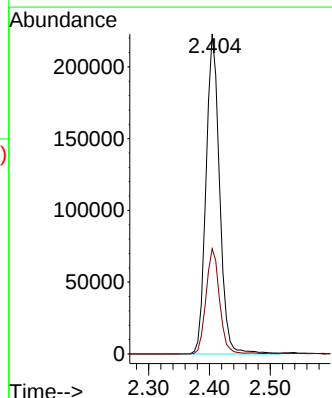
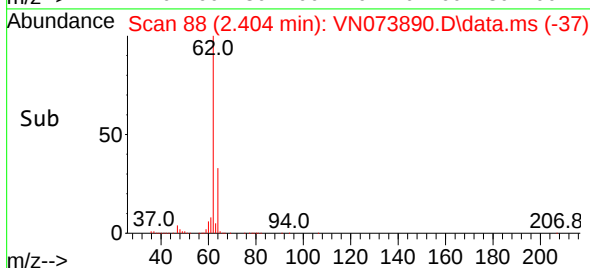
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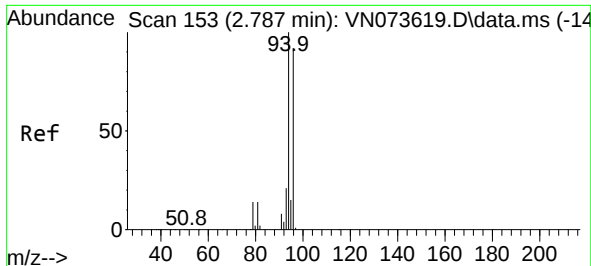


#4
Vinyl Chloride
Concen: 33.421 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



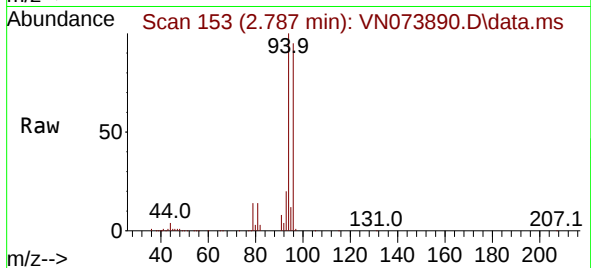
Tgt Ion: 62 Resp: 344549
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.4





#5
Bromomethane
Concen: 35.131 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

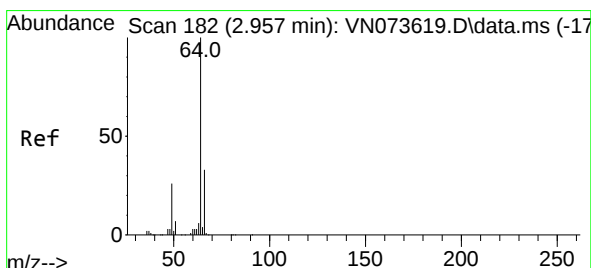
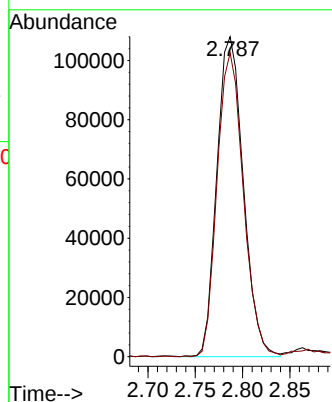
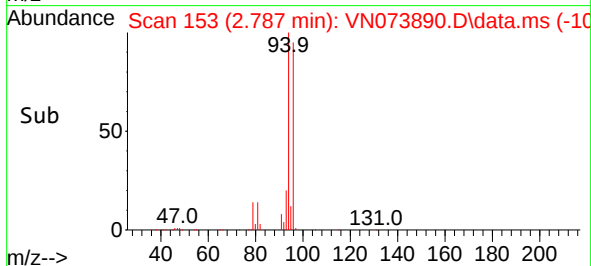
Instrument :
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Tgt Ion: 94 Resp: 21004
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0

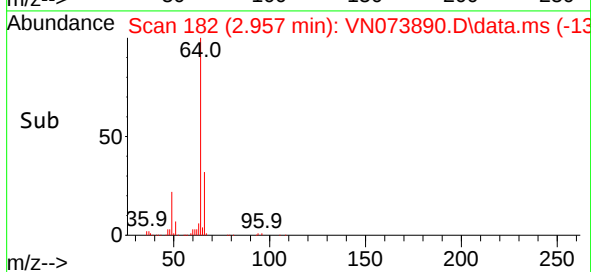
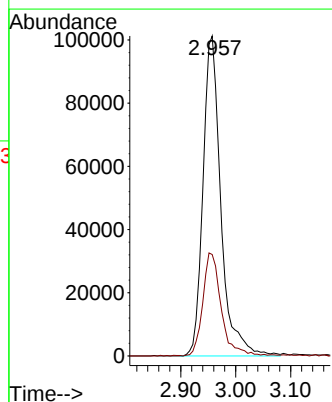
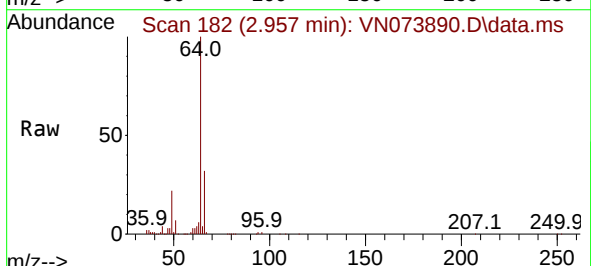
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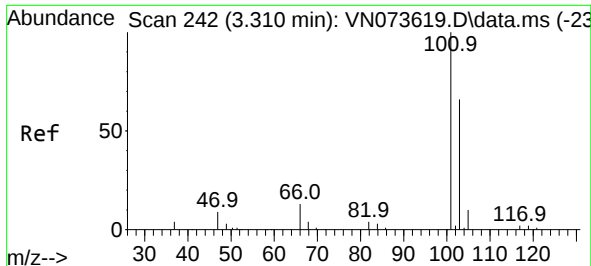
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#6
Chloroethane
Concen: 31.848 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

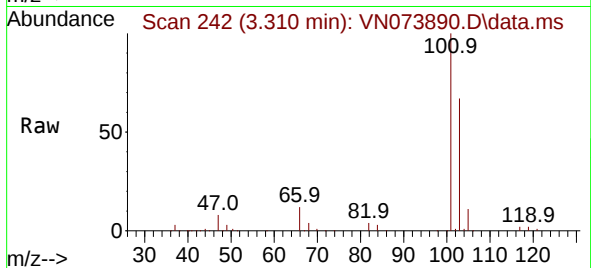
Tgt Ion: 64 Resp: 228992
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 40.669 ug/l
RT: 3.310 min Scan# 242
Delta R.T. -0.000 min
Lab File: VN073890.D
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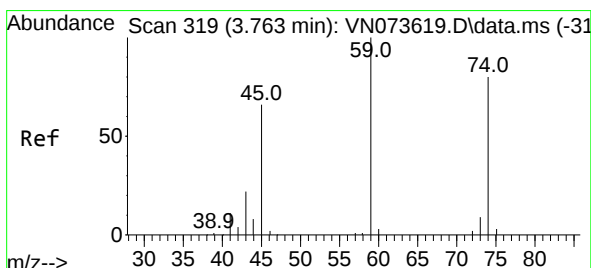
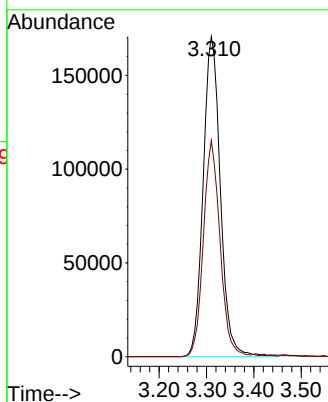
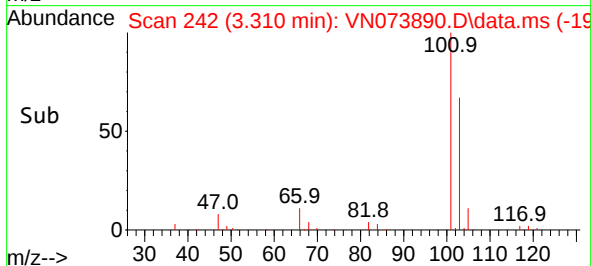
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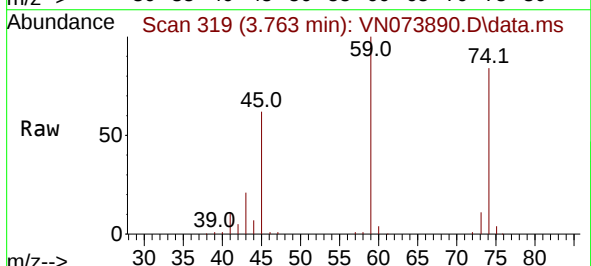
Tgt Ion:101 Resp: 43210
Ion Ratio Lower Upper
101 100
103 67.5 51.5 77.3

Manual Integrations
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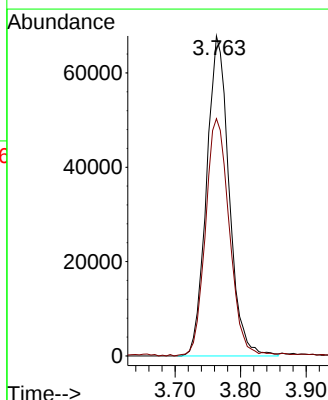
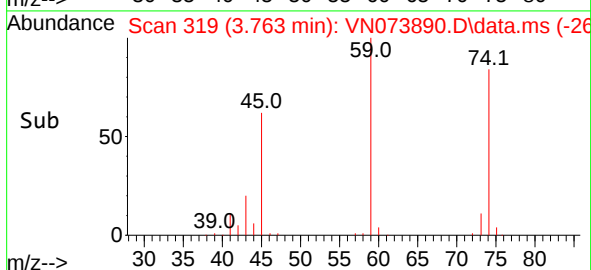
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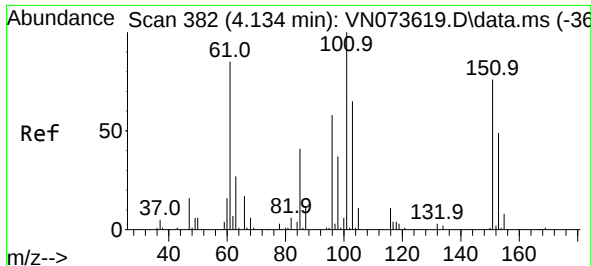


#8
Diethyl Ether
Concen: 40.512 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



Tgt Ion: 74 Resp: 161625
Ion Ratio Lower Upper
74 100
45 78.7 42.9 128.5





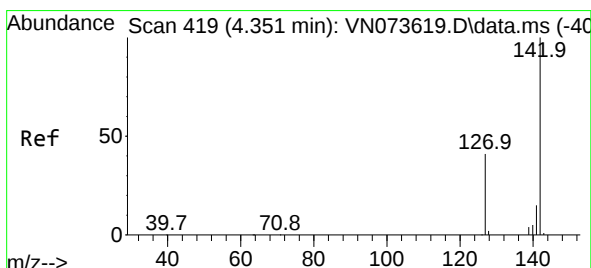
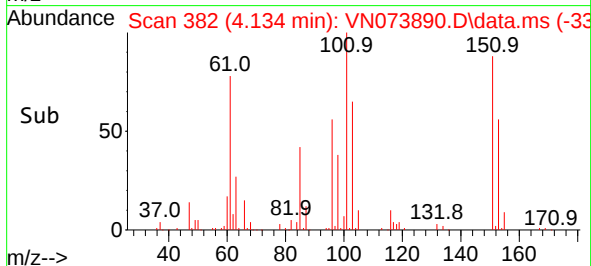
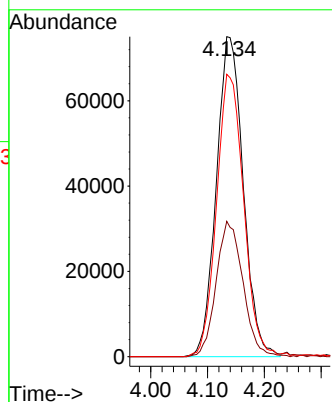
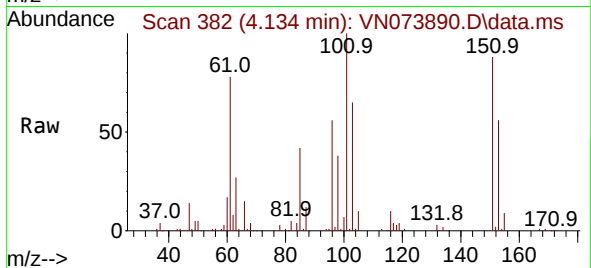
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.001 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN073890.D
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Tgt Ion:101 Resp: 24689
Ion Ratio Lower Upper
101 100
85 42.1 34.7 52.1
151 88.7 63.0 94.4

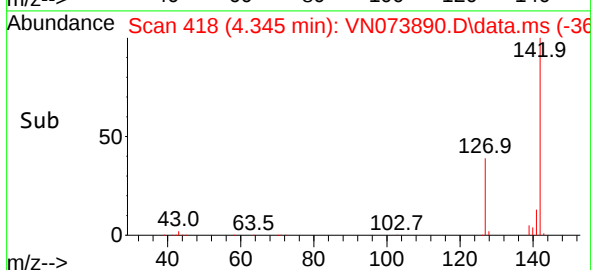
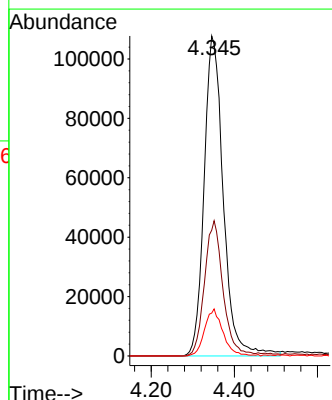
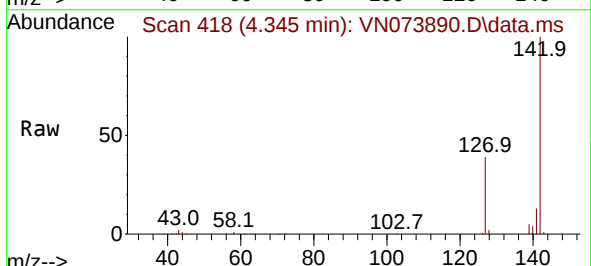
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 57.940 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

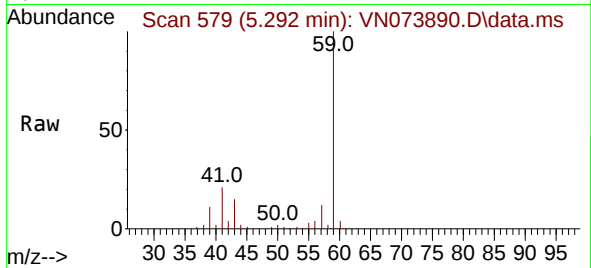
Tgt Ion:142 Resp: 346250
Ion Ratio Lower Upper
142 100
127 40.7 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 212.326 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

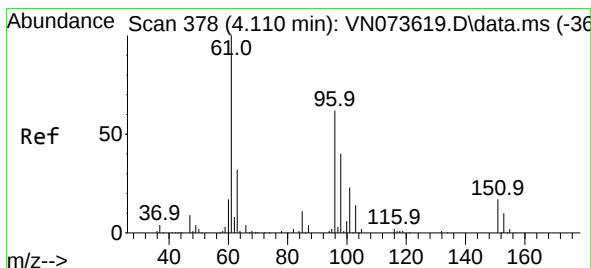
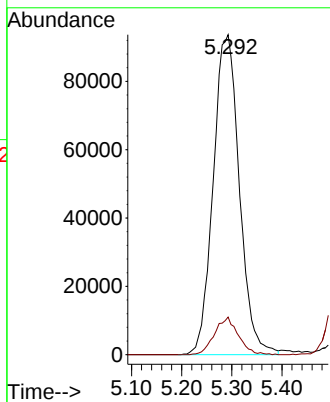
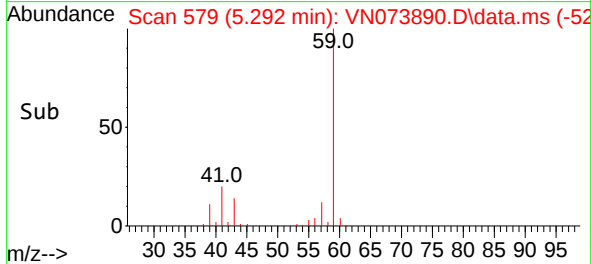
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



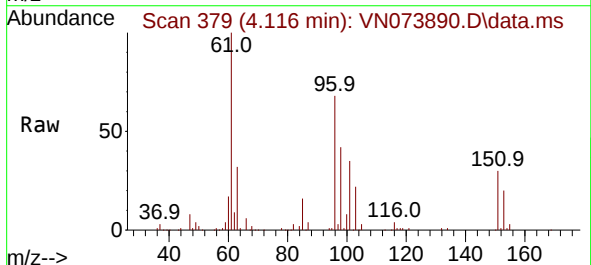
Tgt Ion: 59 Resp: 33914
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

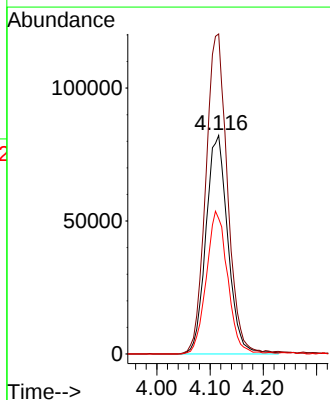
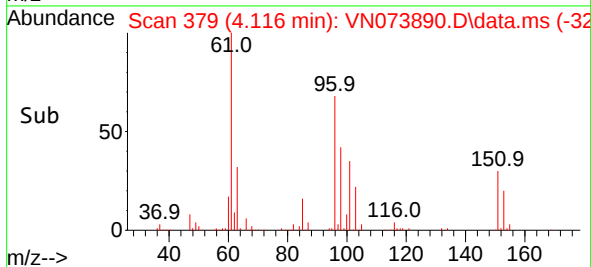
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

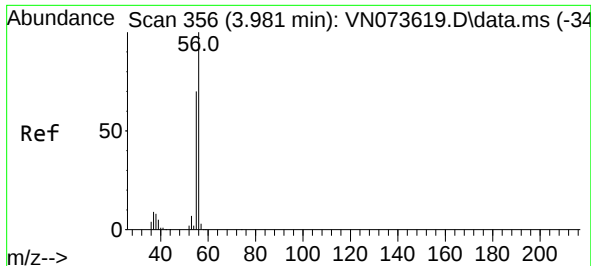


#12
1,1-Dichloroethene
Concen: 40.809 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



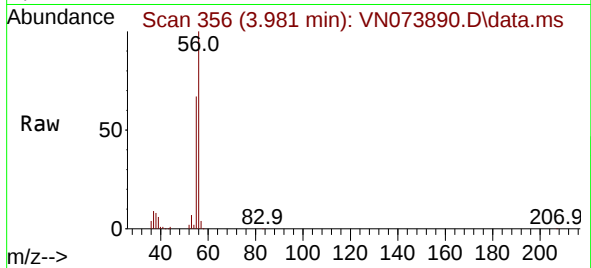
Tgt Ion: 96 Resp: 235304
Ion Ratio Lower Upper
96 100
61 146.4 127.6 191.4
98 61.9 51.2 76.8





#13
Acrolein
Concen: 148.892 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

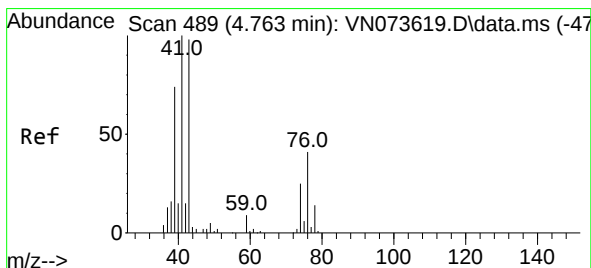
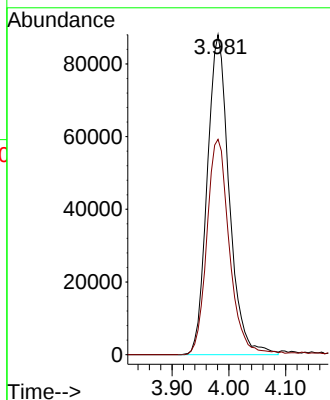
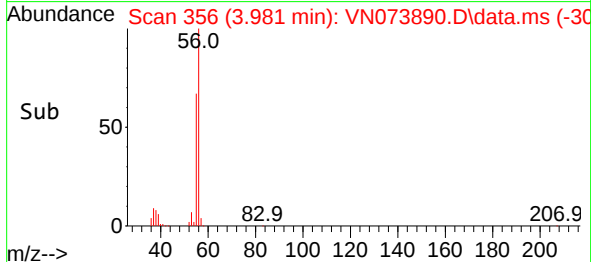
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 235775
Ion Ratio Lower Upper
56 100
55 69.3 54.8 82.2

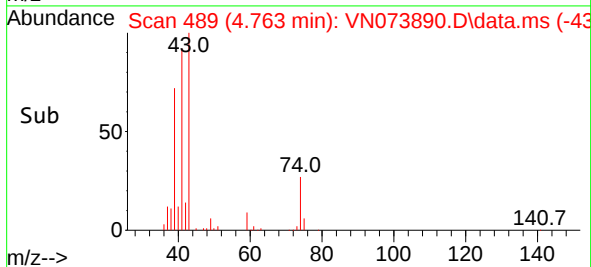
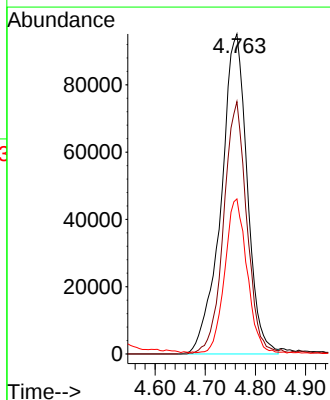
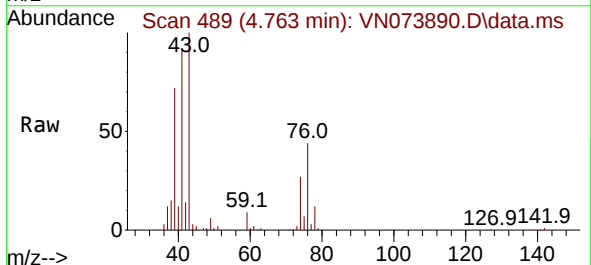
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#14
Allyl chloride
Concen: 37.470 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

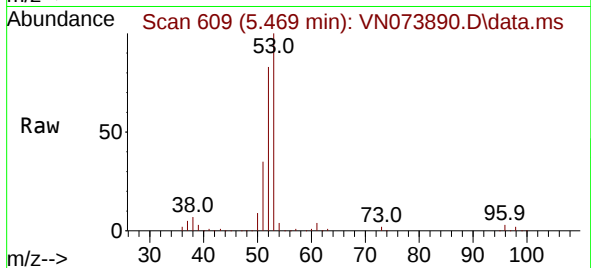
Tgt Ion: 41 Resp: 345421
Ion Ratio Lower Upper
41 100
39 70.0 53.2 79.8
76 40.7 29.9 44.9





#15
Acrylonitrile
Concen: 184.268 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

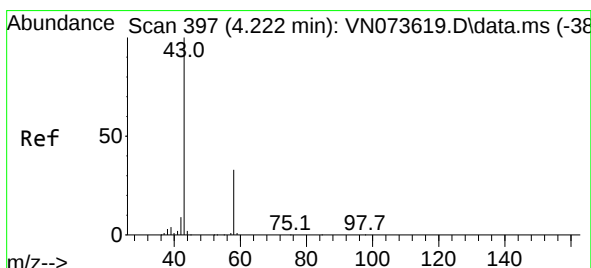
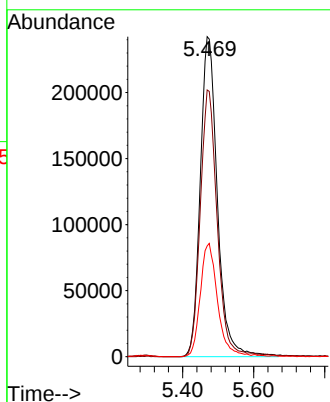
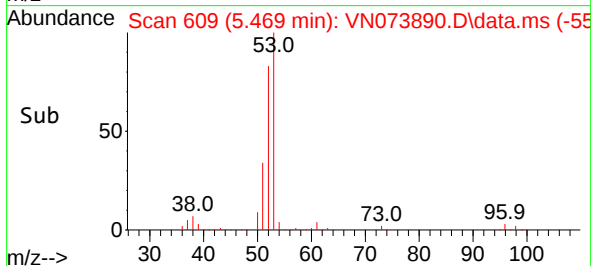
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



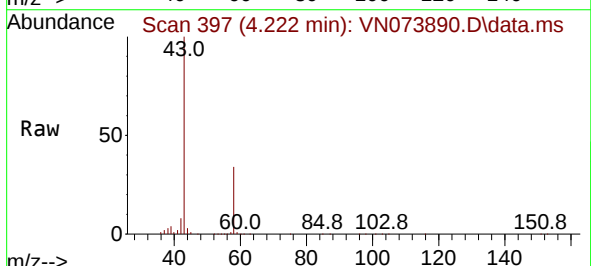
Tgt Ion: 53 Resp: 814162
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 35.6 28.5 42.7

Manual Integrations
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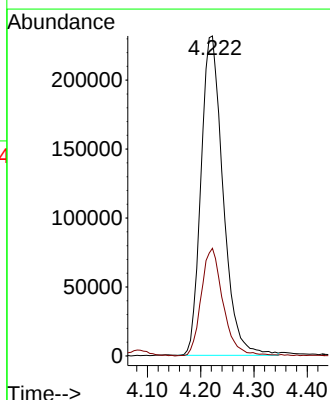
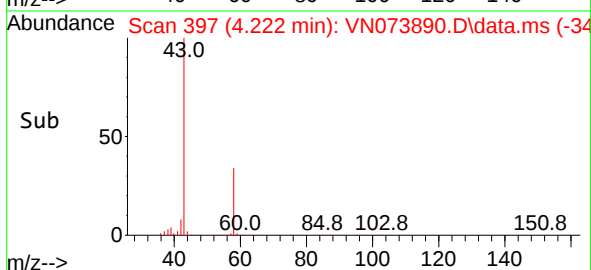
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

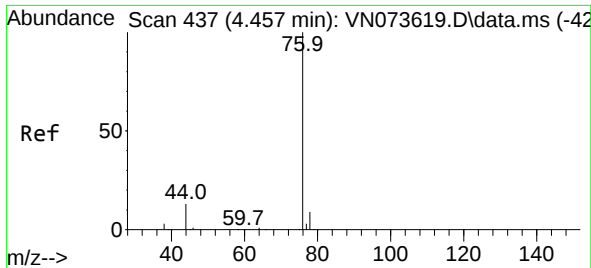


#16
Acetone
Concen: 167.712 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



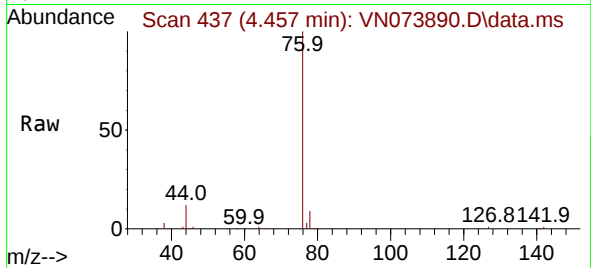
Tgt Ion: 43 Resp: 667157
Ion Ratio Lower Upper
43 100
58 33.6 26.0 39.0





#17
Carbon Disulfide
Concen: 36.944 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

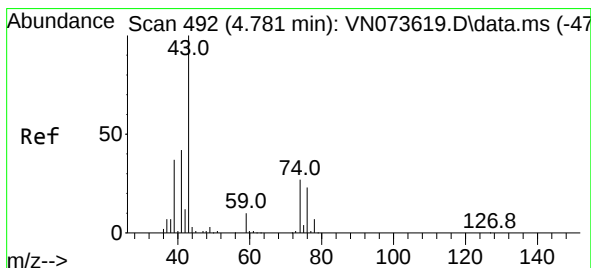
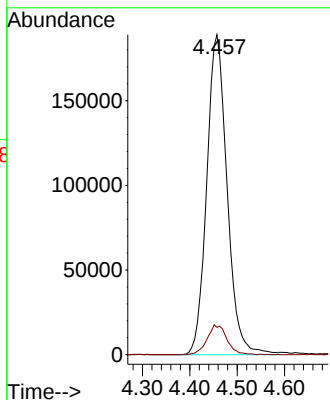
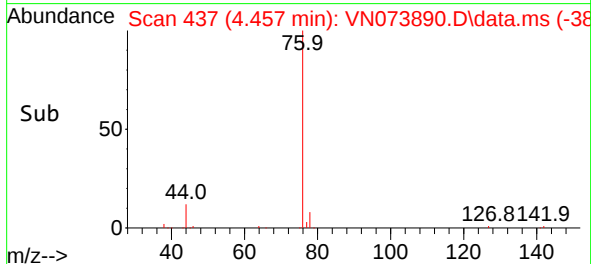
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 564838
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

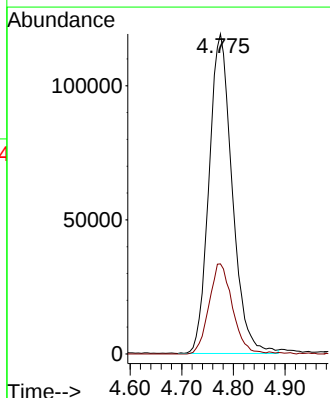
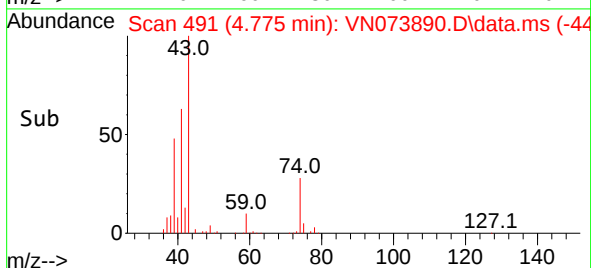
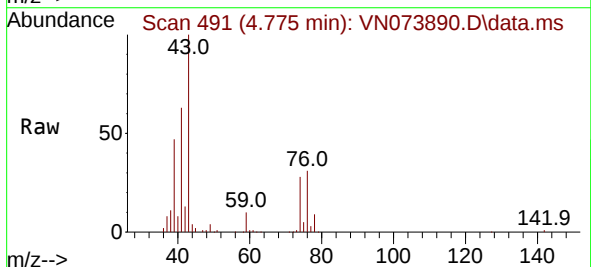
Manual Integrations
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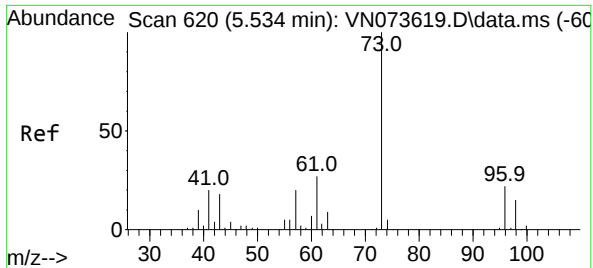
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#18
Methyl Acetate
Concen: 37.485 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Tgt Ion: 43 Resp: 370974
Ion Ratio Lower Upper
43 100
74 28.5 21.6 32.4





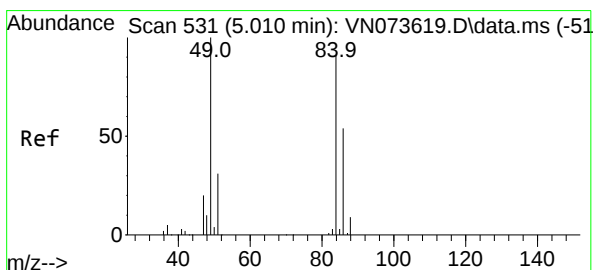
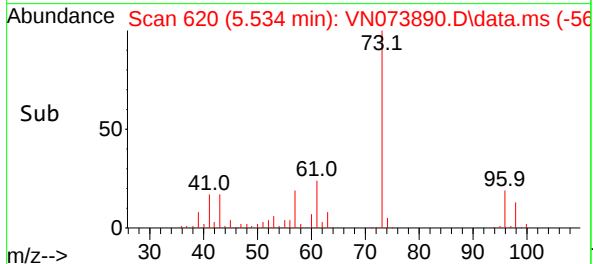
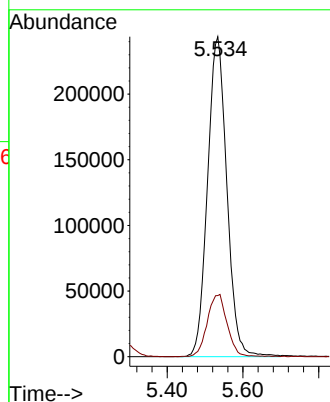
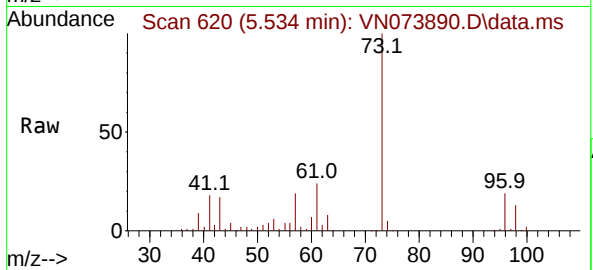
#19
Methyl tert-butyl Ether
Concen: 43.706 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 860930
Ion Ratio Lower Upper
73 100
57 19.1 17.6 26.4

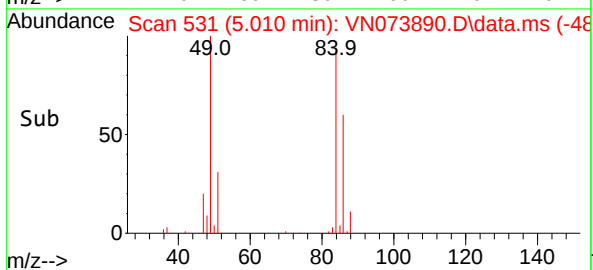
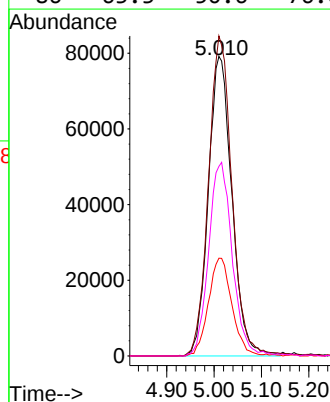
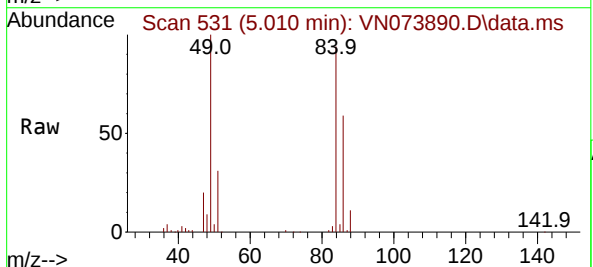
Manual Integrations
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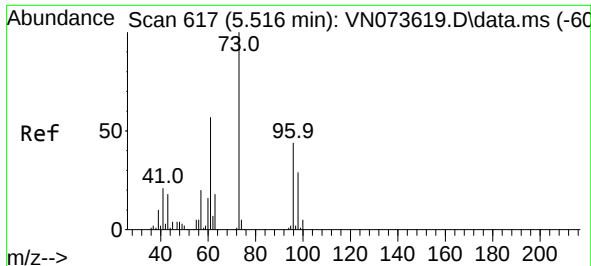
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 32.584 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

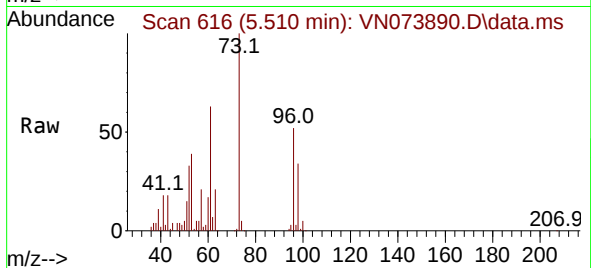
Tgt Ion: 84 Resp: 273537
Ion Ratio Lower Upper
84 100
49 106.6 88.3 132.5
51 32.6 28.2 42.2
86 63.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 40.924 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

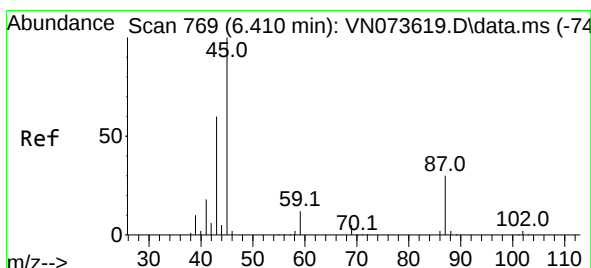
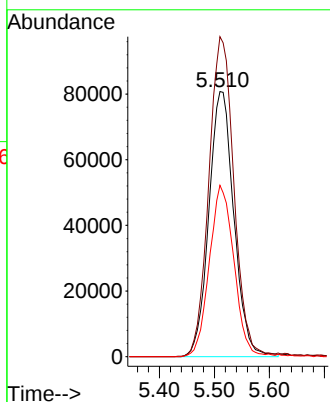
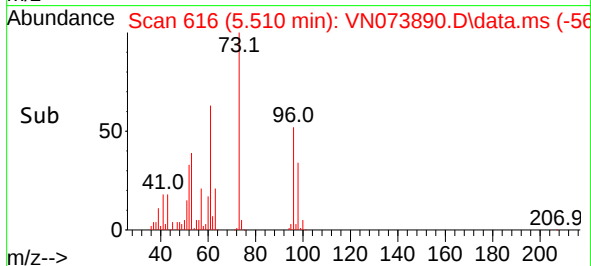
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 25543
Ion Ratio Lower Upper
96 100
61 120.5 105.8 158.8
98 64.7 50.3 75.5

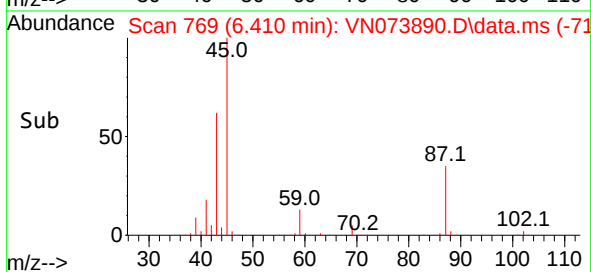
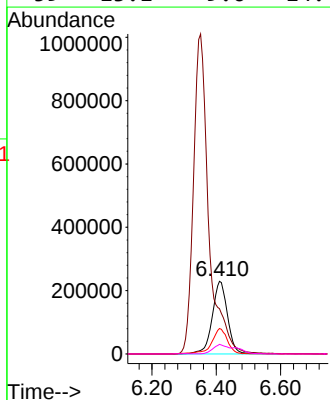
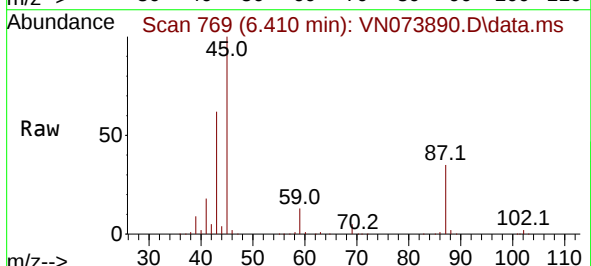
Manual Integrations
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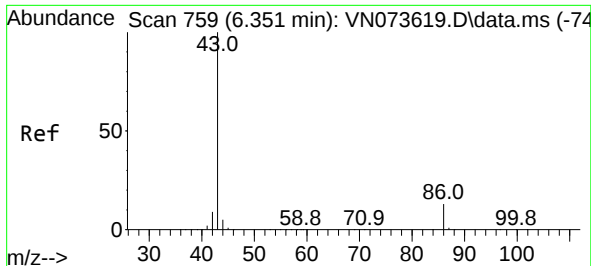
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 38.075 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Tgt Ion: 45 Resp: 757272
Ion Ratio Lower Upper
45 100
43 61.7 46.6 70.0
87 34.9 24.3 36.5
59 13.1 9.6 14.4





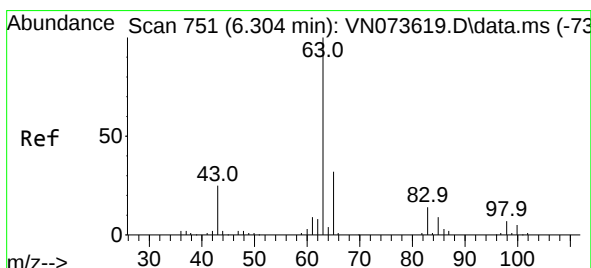
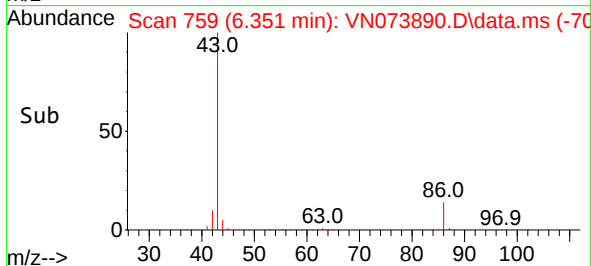
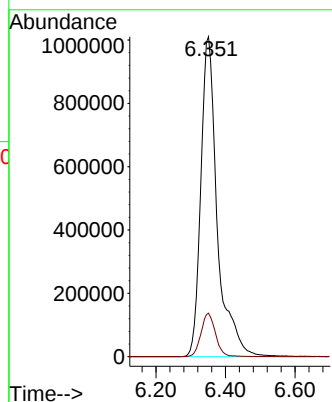
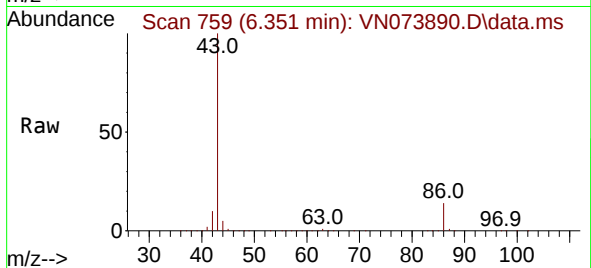
#23
 Vinyl Acetate
 Concen: 199.277 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073890.D
 Acq: 15 Aug 2022 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 332293
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.0 15.0

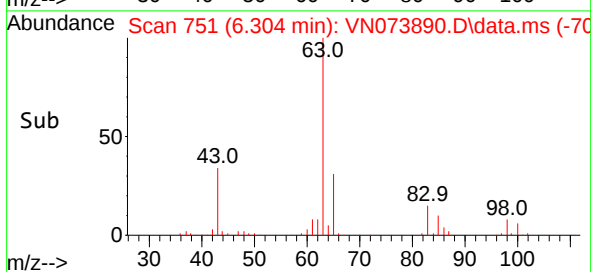
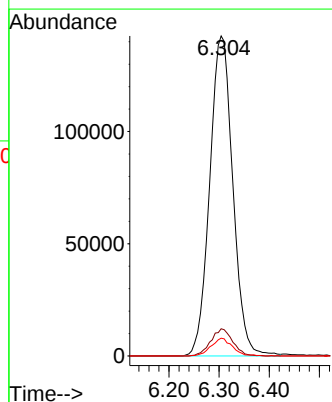
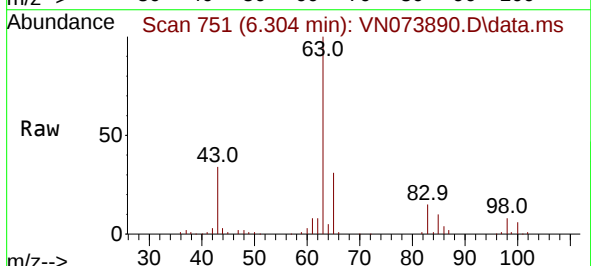
Manual Integrations
 APPROVED

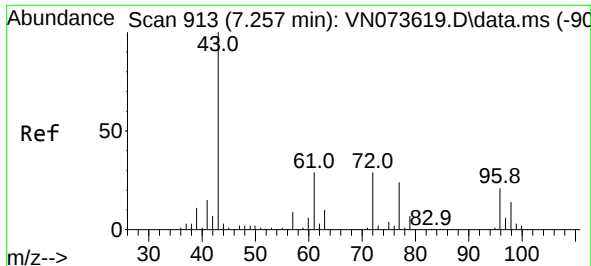
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#24
 1,1-Dichloroethane
 Concen: 37.365 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073890.D
 Acq: 15 Aug 2022 11:39

Tgt Ion: 63 Resp: 457189
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.4
 100 5.6 2.3 6.8





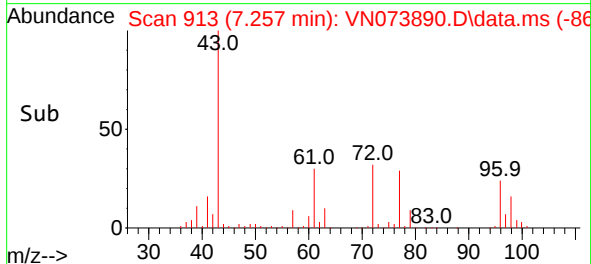
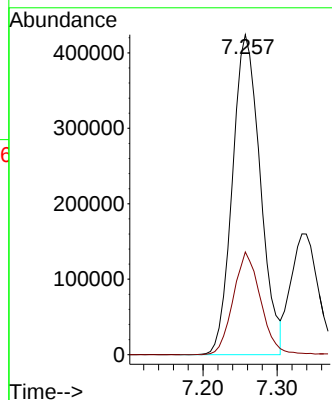
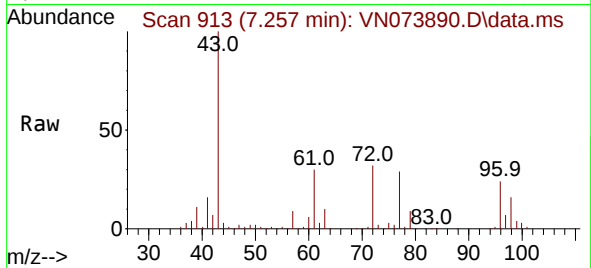
#25
2-Butanone
Concen: 179.390 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 110822
Ion Ratio Lower Upper
43 100
72 32.1 23.7 35.5

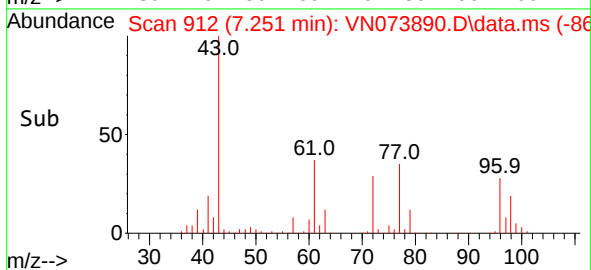
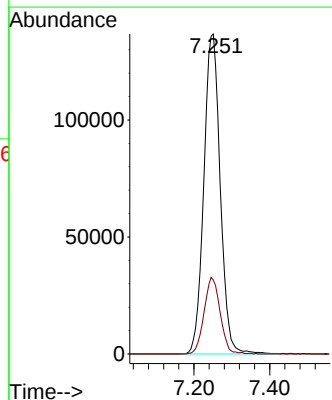
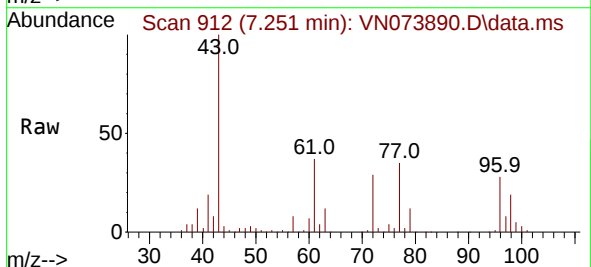
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#26
2,2-Dichloropropane
Concen: 43.640 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

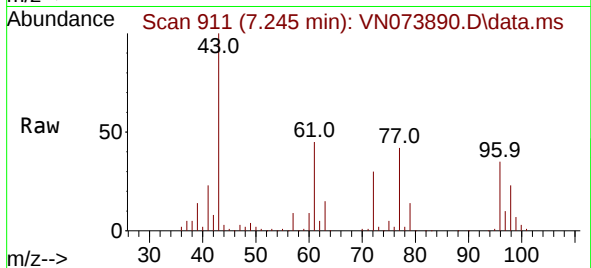
Tgt Ion: 77 Resp: 410814
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 40.490 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073890.D
 Acq: 15 Aug 2022 11:39

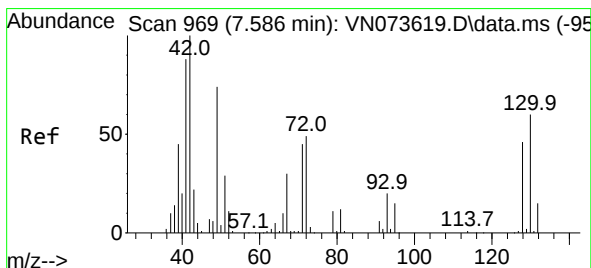
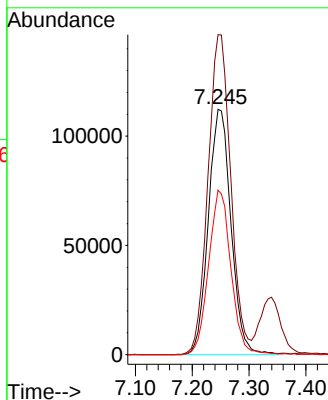
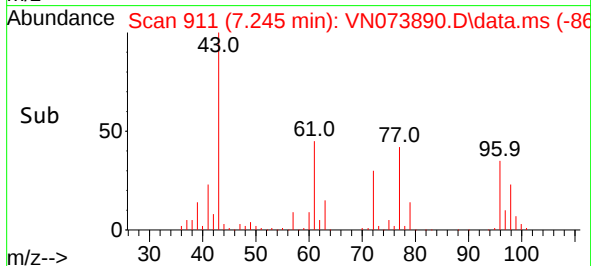
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 31138
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 280.6
 98 65.9 0.0 128.4

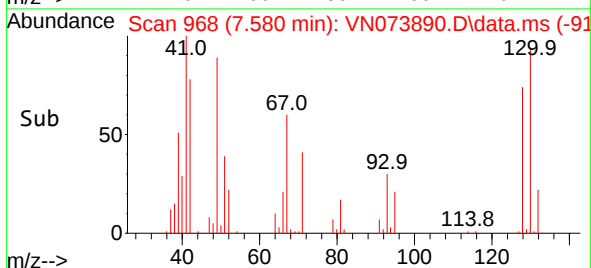
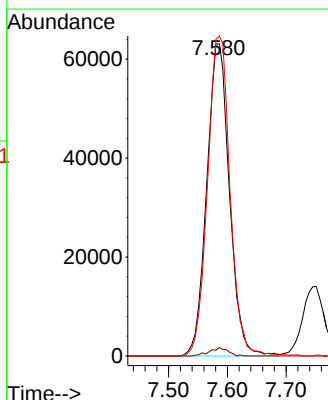
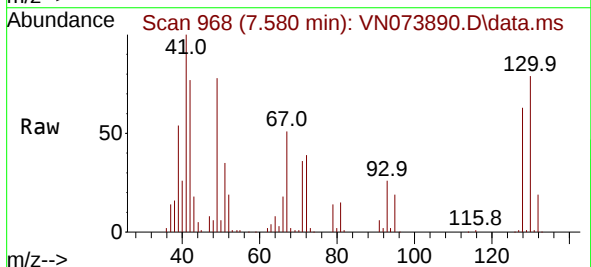
Manual Integrations
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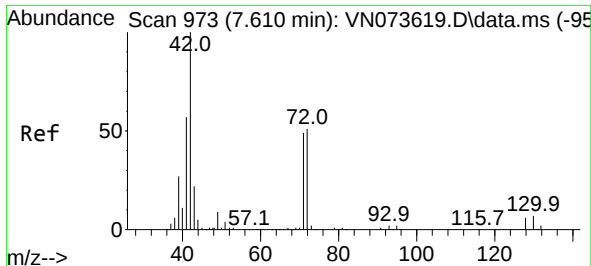
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#28
 Bromochloromethane
 Concen: 32.918 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073890.D
 Acq: 15 Aug 2022 11:39

Tgt Ion: 49 Resp: 169115
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 101.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 183.744 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

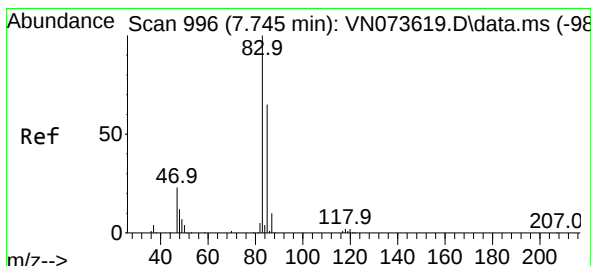
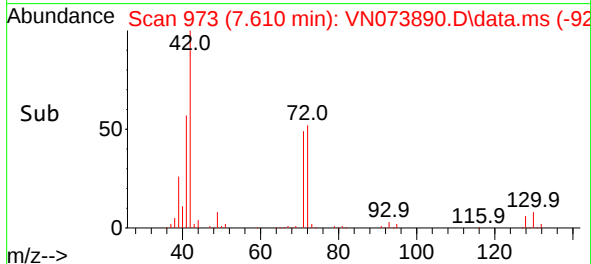
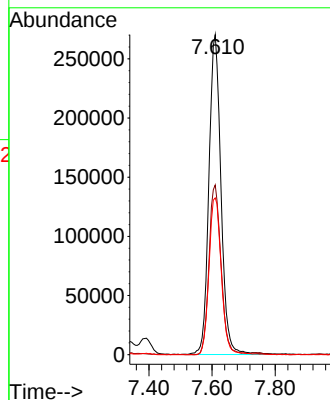
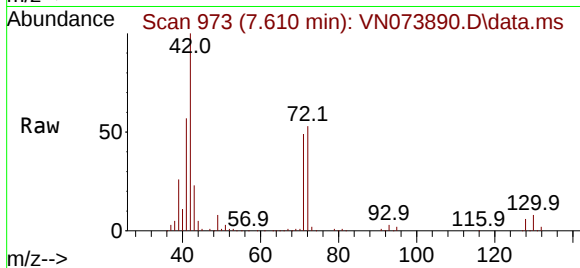
VSTDICCC050

Tgt Ion: 42 Resp: 71767
 Ion Ratio Lower Upper
 42 100
 72 53.1 39.7 59.5
 71 49.9 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#30

Chloroform

Concen: 40.088 ug/l

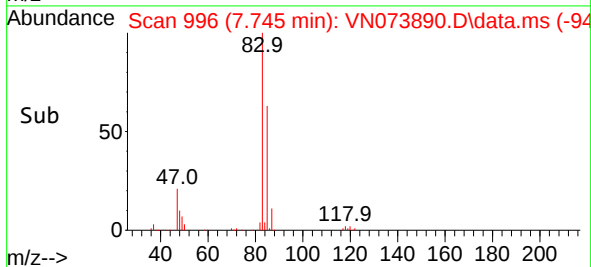
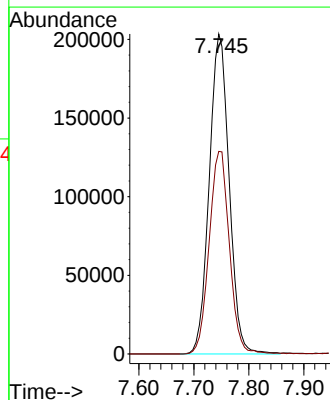
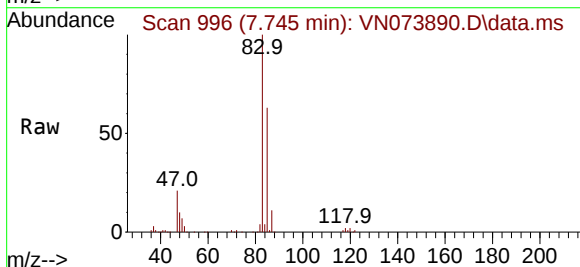
RT: 7.745 min Scan# 996

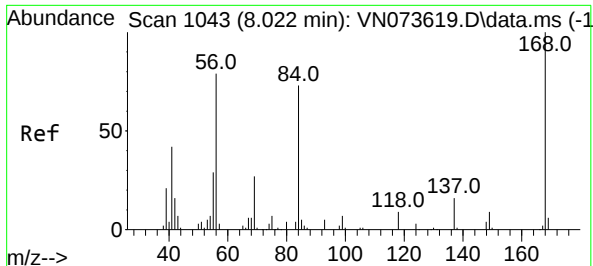
Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

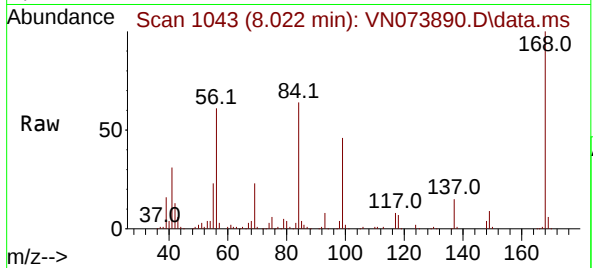
Tgt Ion: 83 Resp: 511042
 Ion Ratio Lower Upper
 83 100
 85 63.3 51.8 77.8





#31
Cyclohexane
Concen: 35.733 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

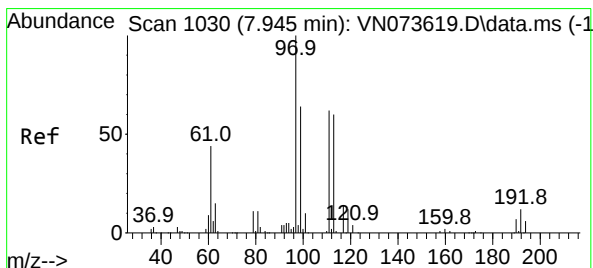
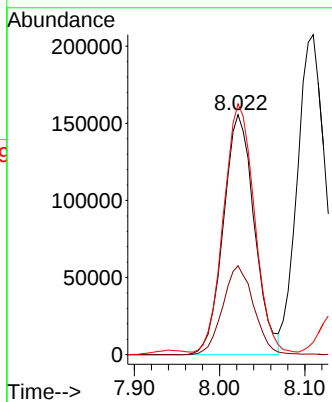
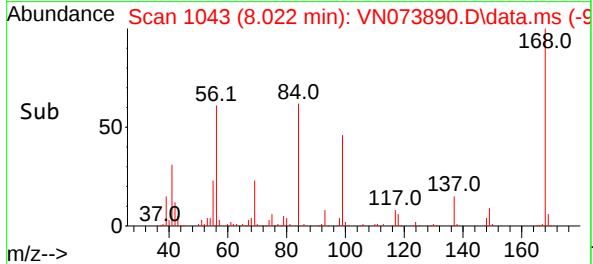
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



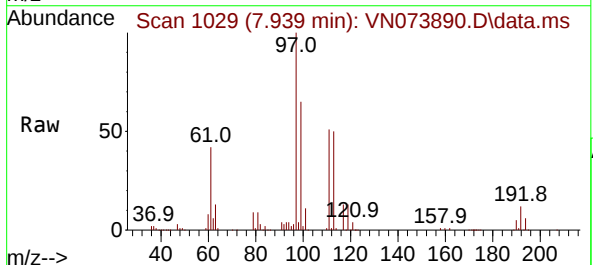
Tgt Ion: 56 Resp: 394010
Ion Ratio Lower Upper
56 100
69 37.0 27.8 41.8
84 102.9 76.9 115.3

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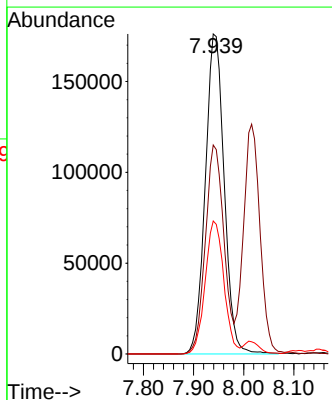
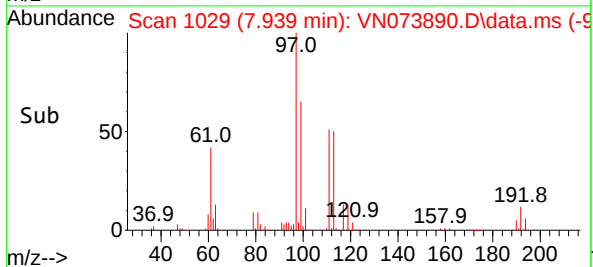
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

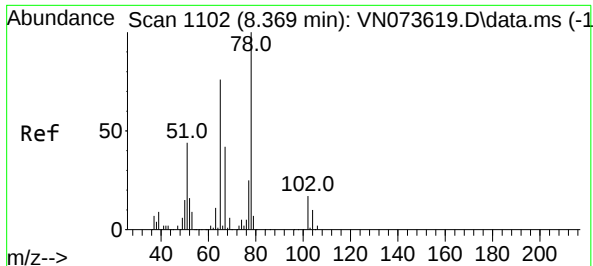


#32
1,1,1-Trichloroethane
Concen: 43.509 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



Tgt Ion: 97 Resp: 460547
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 41.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 41.969 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 31083

Ion Ratio Lower Upper

65 100

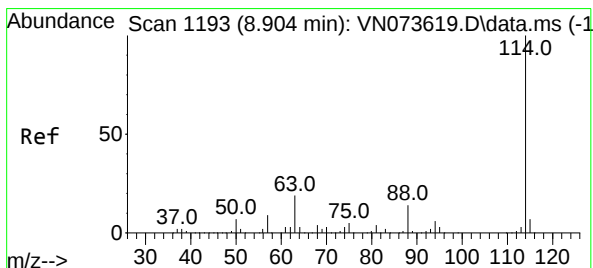
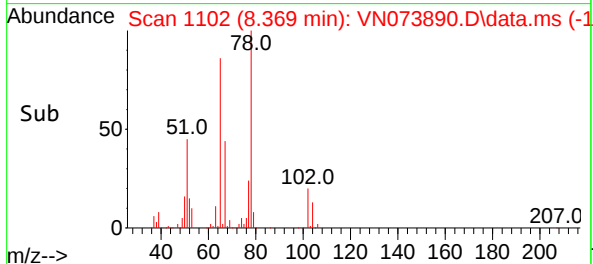
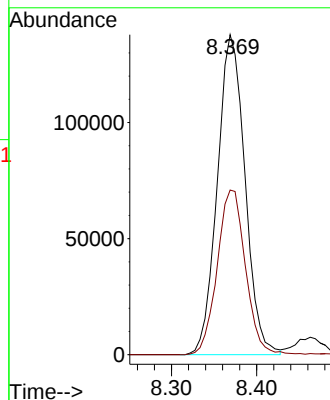
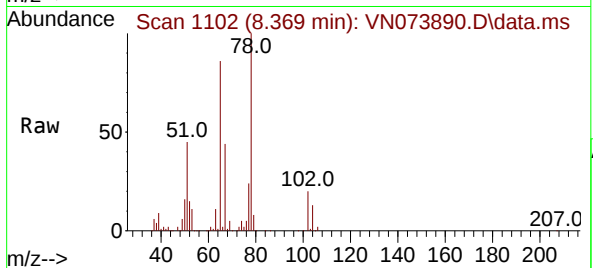
67 52.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

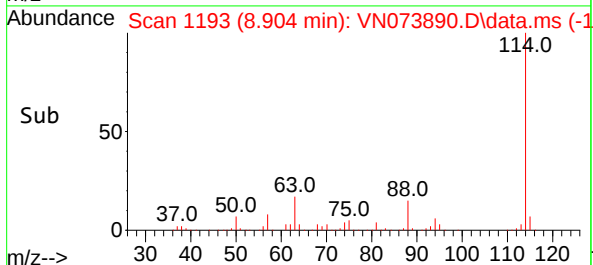
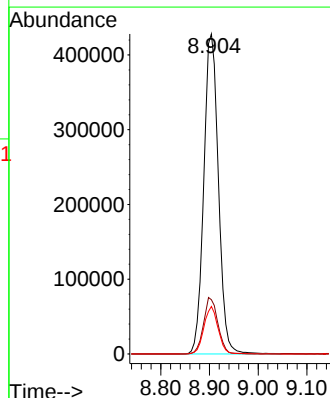
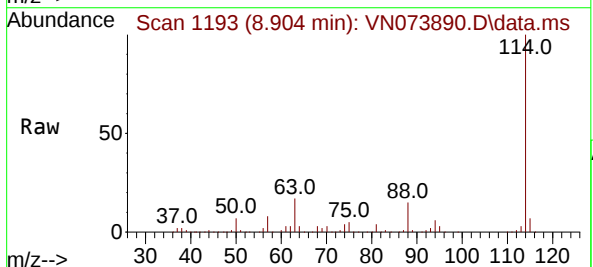
Tgt Ion:114 Resp: 891907

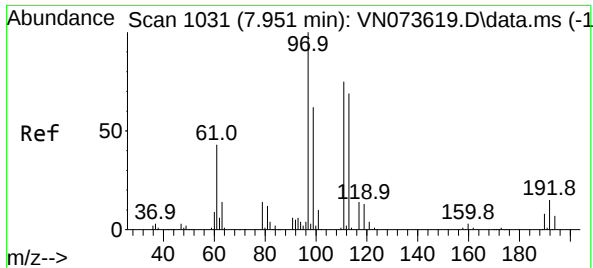
Ion Ratio Lower Upper

114 100

63 17.0 0.0 40.0

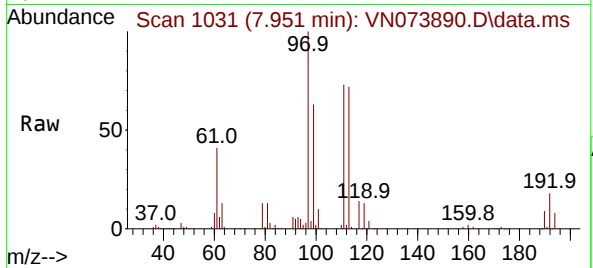
88 14.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.629 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

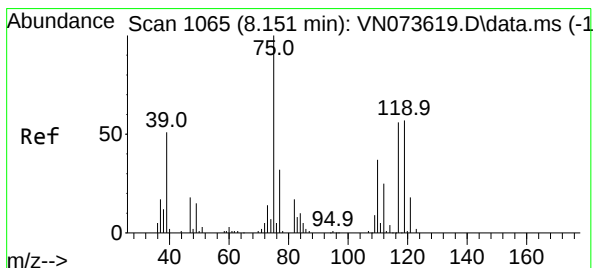
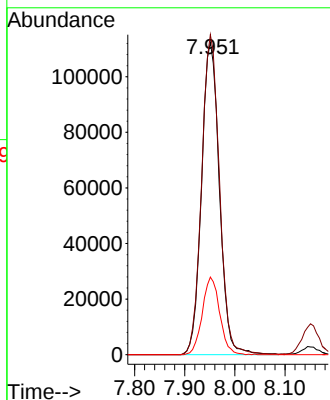
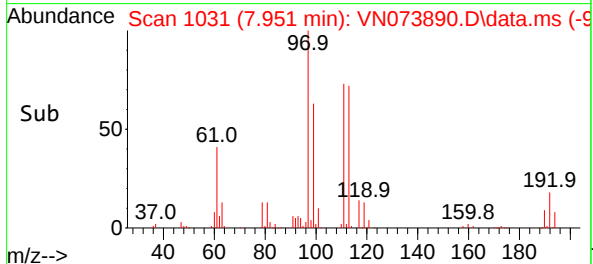
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



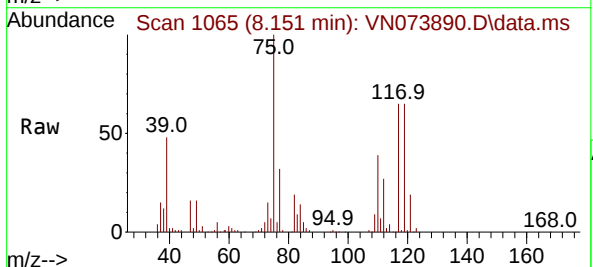
Tgt Ion: 113 Resp: 277951
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 24.2 17.0 25.6

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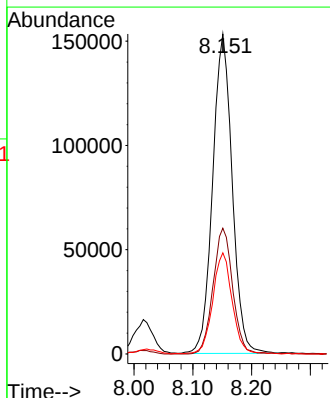
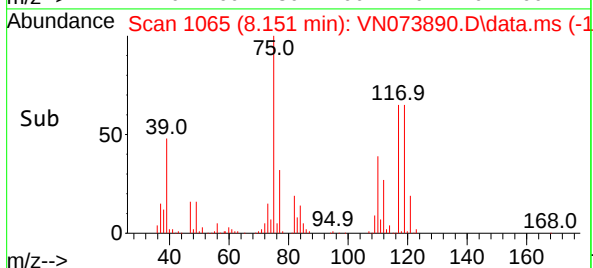
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

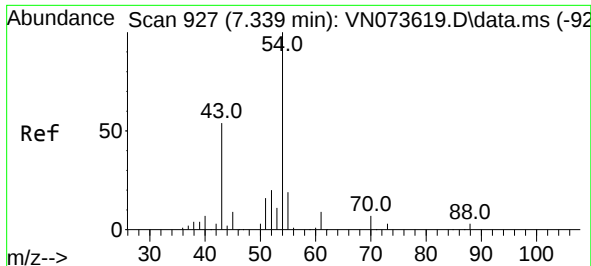


#36
1,1-Dichloropropene
Concen: 44.381 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



Tgt Ion: 75 Resp: 354262
Ion Ratio Lower Upper
75 100
110 39.5 18.3 54.8
77 31.6 25.1 37.7





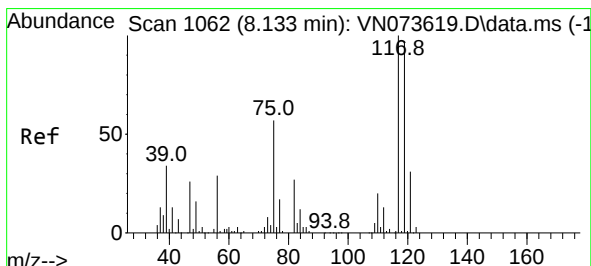
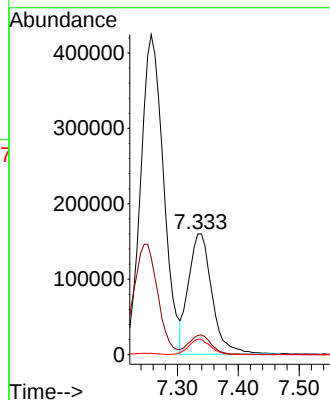
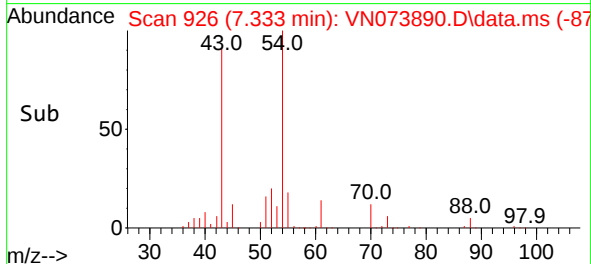
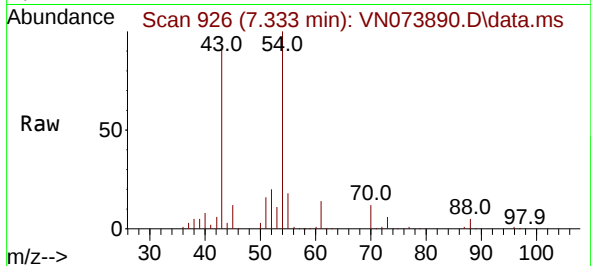
#37
Ethyl Acetate
Concen: 40.608 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 42688
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.6
70 12.1 9.3 13.9

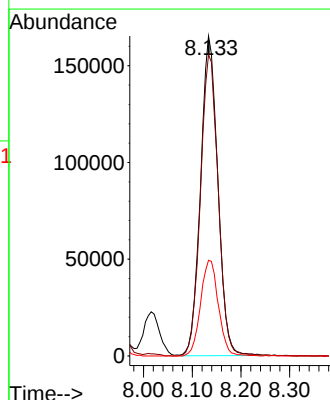
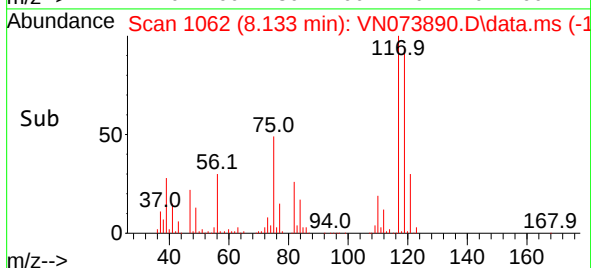
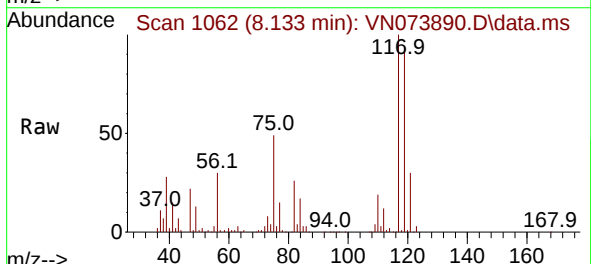
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 50.333 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Tgt Ion:117 Resp: 408054
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
121 29.9 24.6 37.0





#39

Methylcyclohexane

Concen: 47.890 ug/l

RT: 9.398 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 45680

Ion Ratio Lower Upper

83 100

55 65.9 57.8 86.8

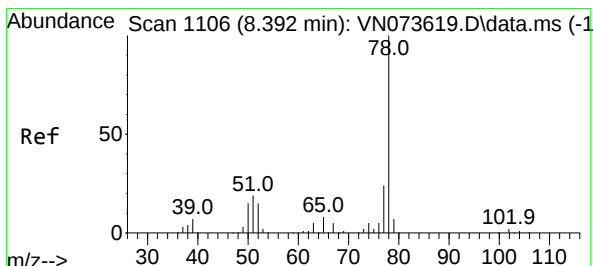
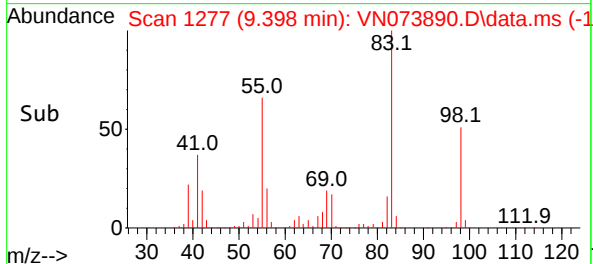
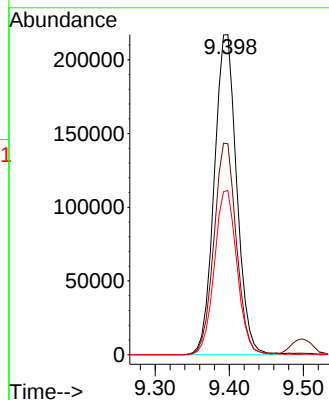
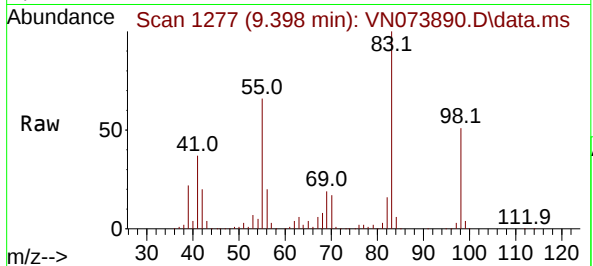
98 51.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#40

Benzene

Concen: 43.009 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073890.D

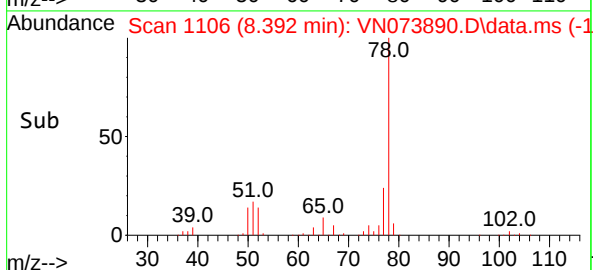
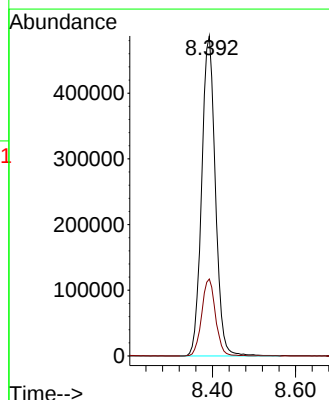
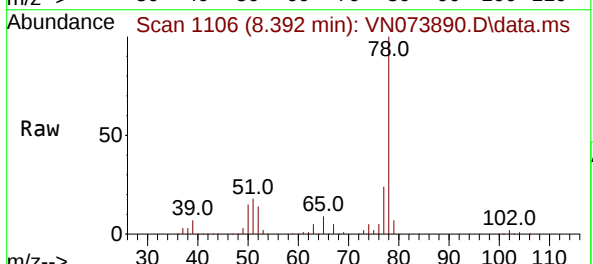
Acq: 15 Aug 2022 11:39

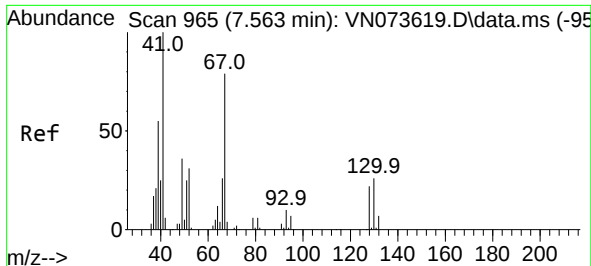
Tgt Ion: 78 Resp: 1114823

Ion Ratio Lower Upper

78 100

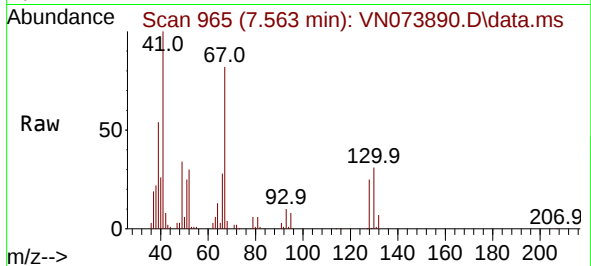
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 44.931 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

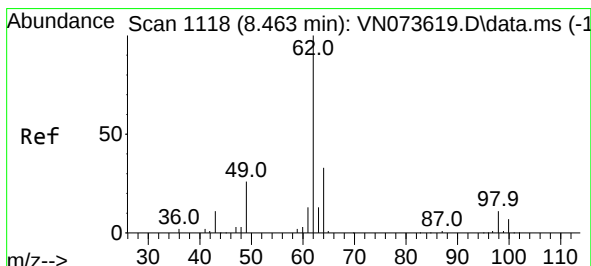
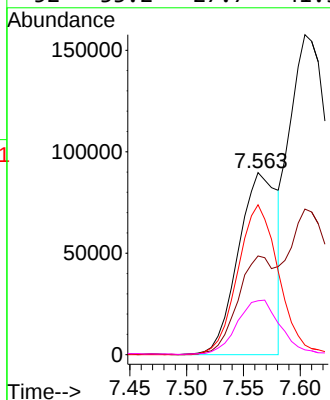
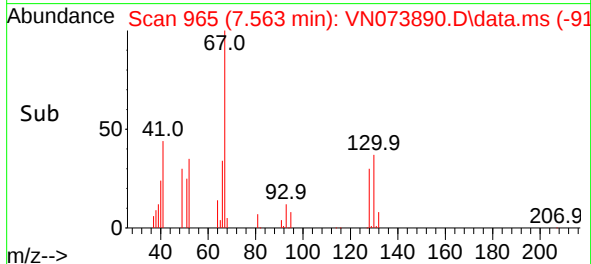
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:	41	39	67	52
Ratio	100	47.2	87.6	33.2
Lower		48.6	73.4	27.7
Upper		73.0	110.2	41.5

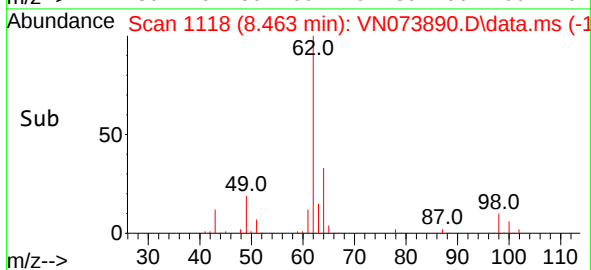
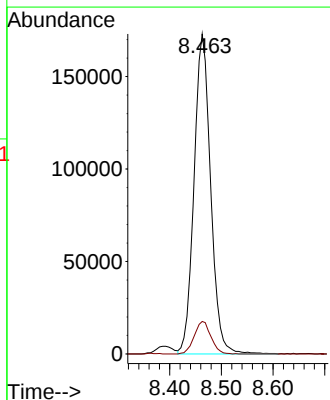
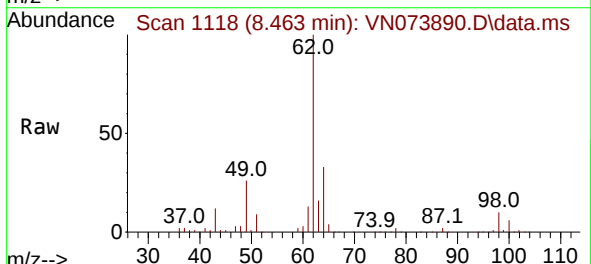
Manual Integrations
APPROVED

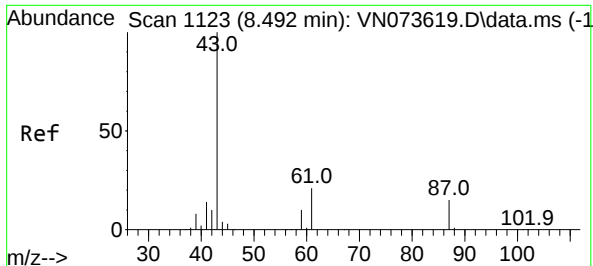
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#42
1,2-Dichloroethane
Concen: 44.226 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Tgt Ion:	62	98
Ratio	100	10.2
Lower		0.0
Upper		19.4





#43

Isopropyl Acetate

Concen: 44.305 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 629080

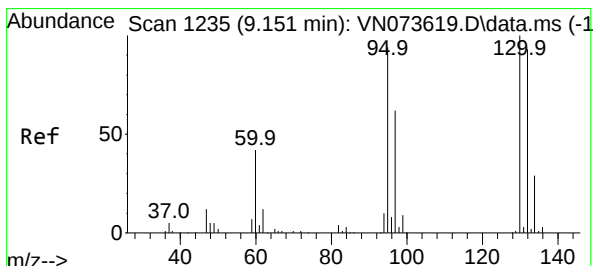
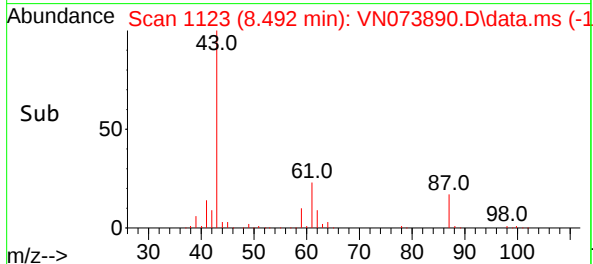
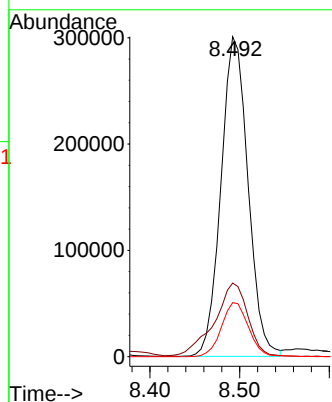
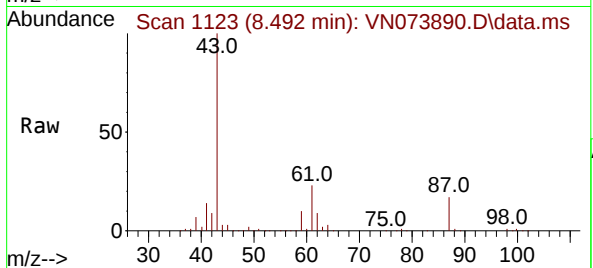
Ion	Ratio	Lower	Upper
43	100		
61	29.0	21.9	32.9
87	17.1	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#44

Trichloroethene

Concen: 48.796 ug/l

RT: 9.151 min Scan# 1235

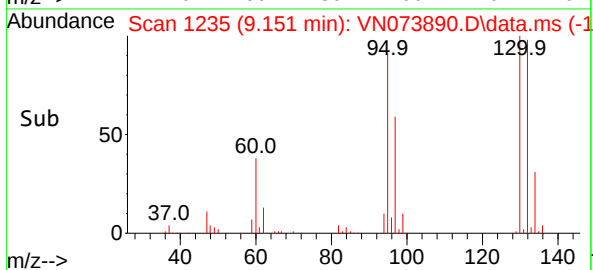
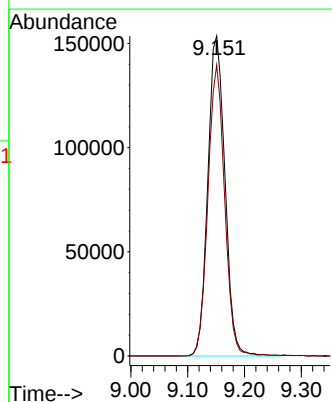
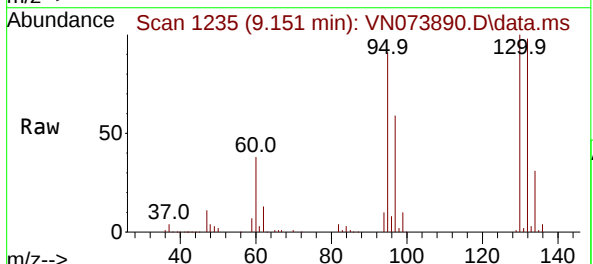
Delta R.T. -0.000 min

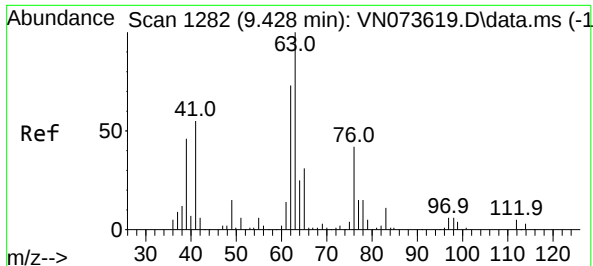
Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Tgt Ion:130 Resp: 320746

Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	186.8





#45

1,2-Dichloropropane

Concen: 41.857 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 271190

Ion Ratio Lower Upper

63 100

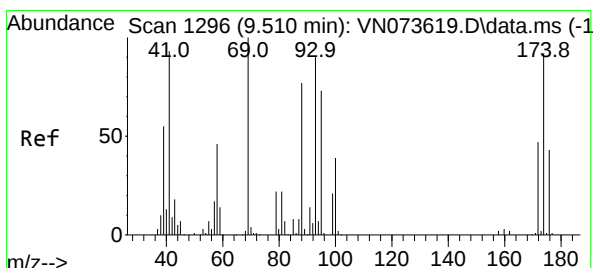
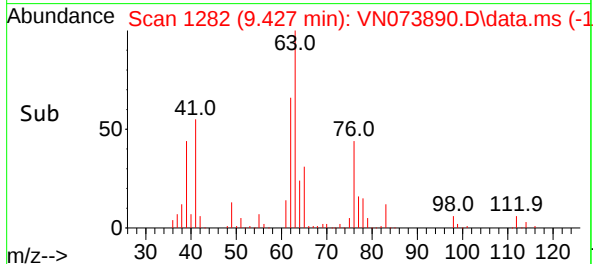
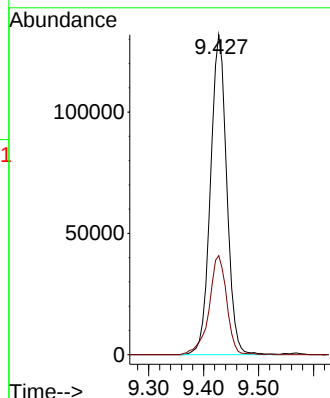
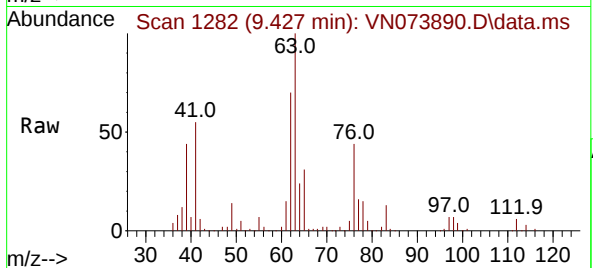
65 31.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 45.792 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

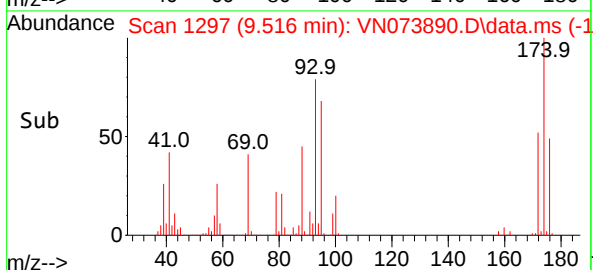
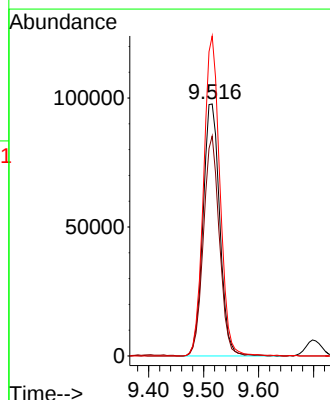
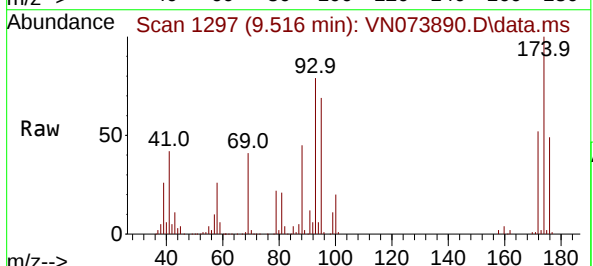
Tgt Ion: 93 Resp: 205910

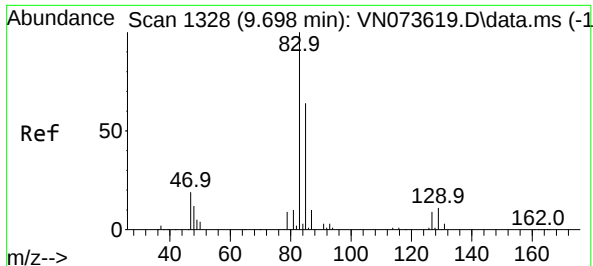
Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

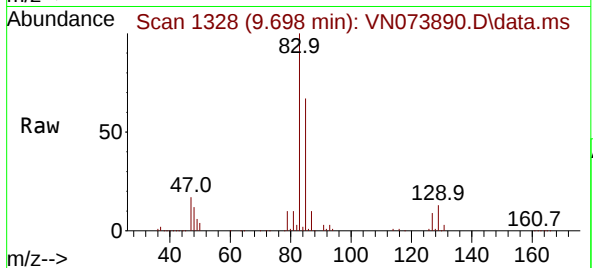
174 123.9 86.6 130.0





#47
Bromodichloromethane
Concen: 45.917 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

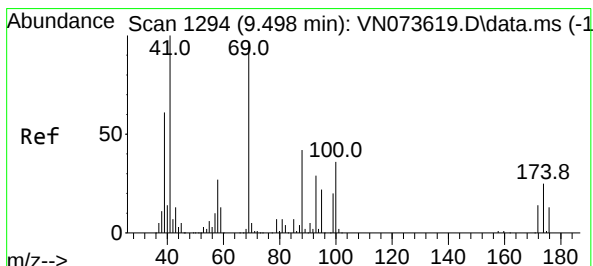
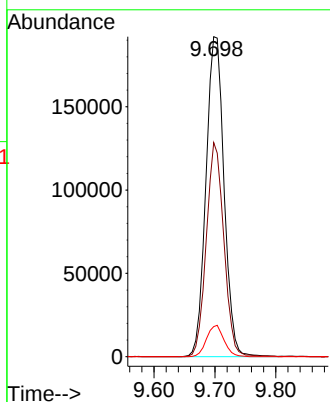
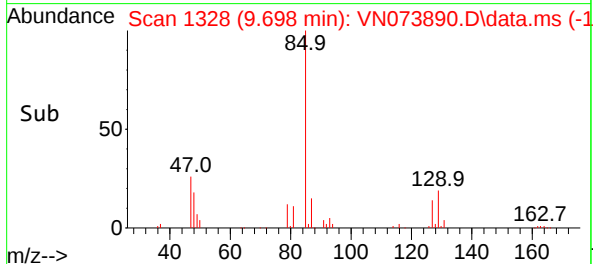
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



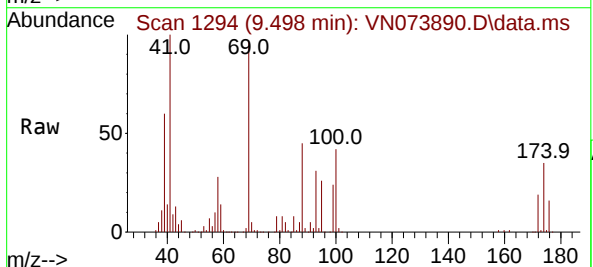
Tgt Ion: 83 Resp: 396280
Ion Ratio Lower Upper
83 100
85 66.9 50.5 75.7
127 9.4 6.8 10.2

Manual Integrations
APPROVED

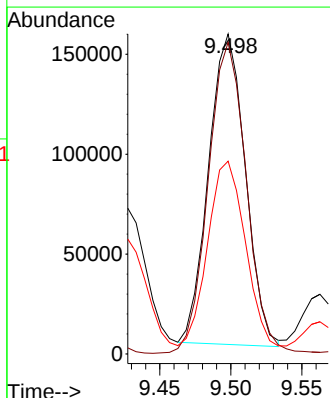
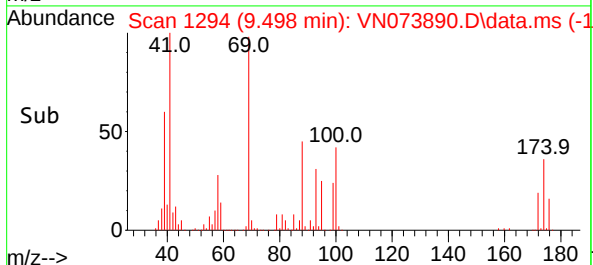
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

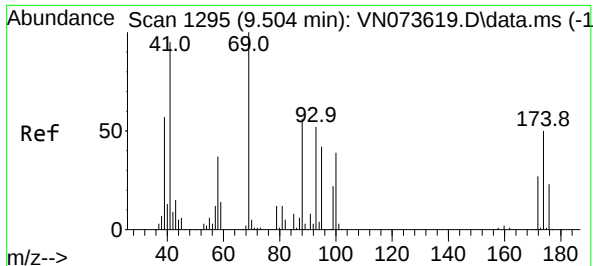


#48
Methyl methacrylate
Concen: 44.887 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



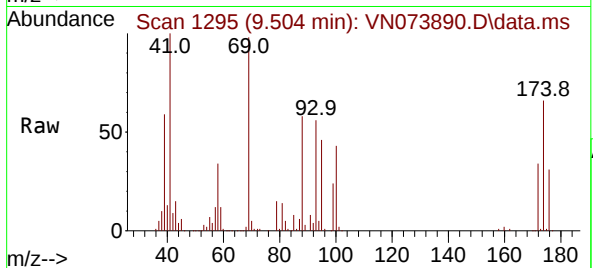
Tgt Ion: 41 Resp: 278981
Ion Ratio Lower Upper
41 100
69 105.7 74.7 112.1
39 61.3 45.6 68.4





#49
1,4-Dioxane
Concen: 925.022 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

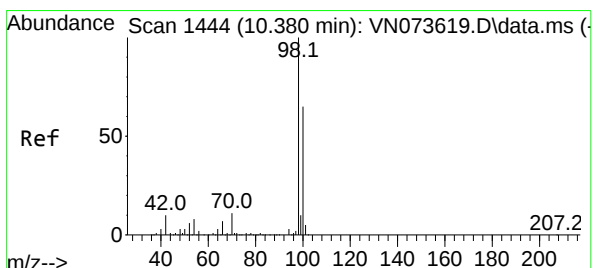
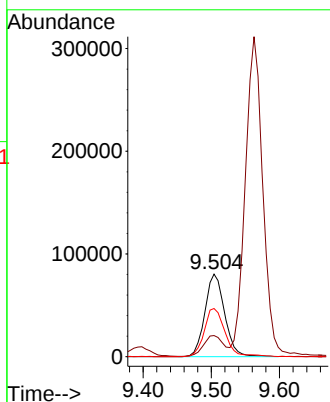
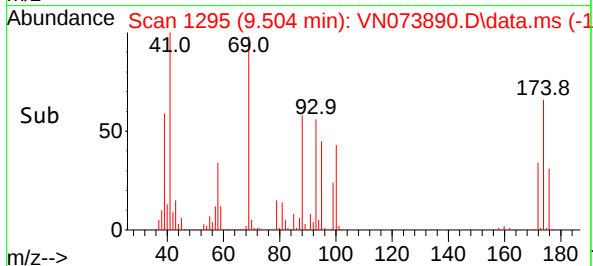
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



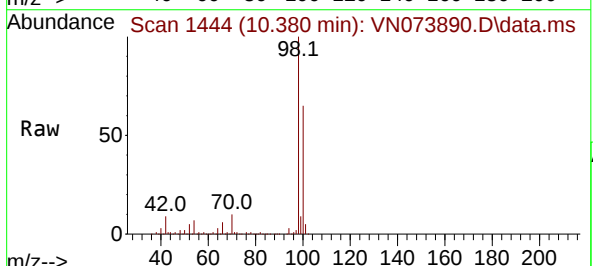
Tgt Ion: 88 Resp: 162063
Ion Ratio Lower Upper
88 100
43 26.1 20.2 30.4
58 61.8 54.2 81.4

Manual Integrations
APPROVED

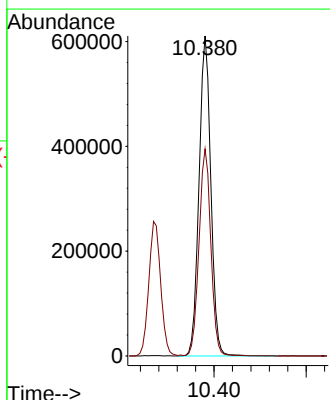
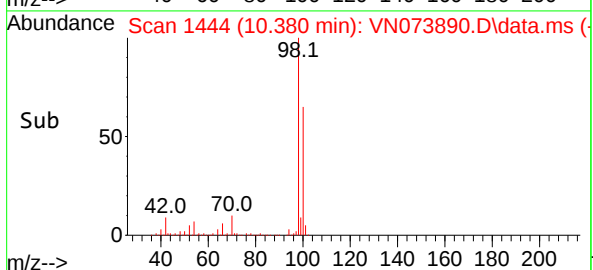
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

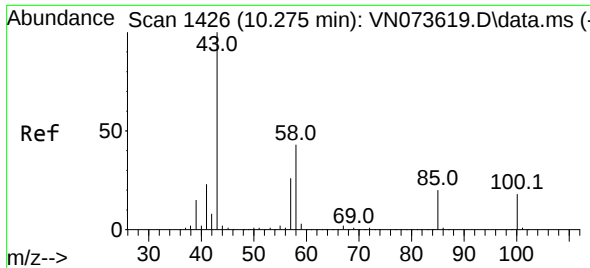


#50
Toluene-d8
Concen: 49.447 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



Tgt Ion: 98 Resp: 1089763
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





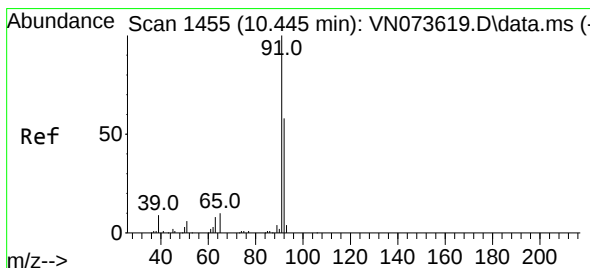
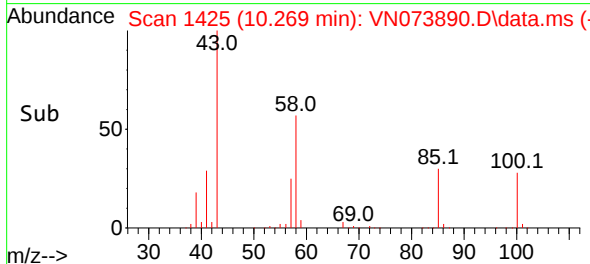
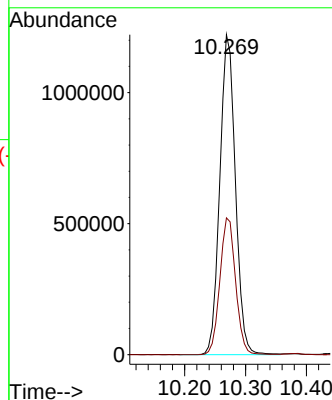
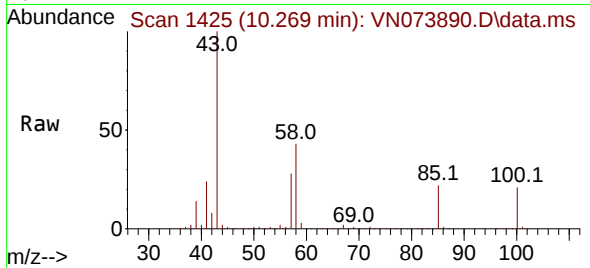
#51
4-Methyl-2-Pentanone
Concen: 212.868 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 216783
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1

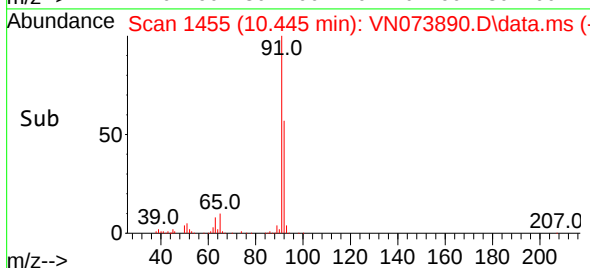
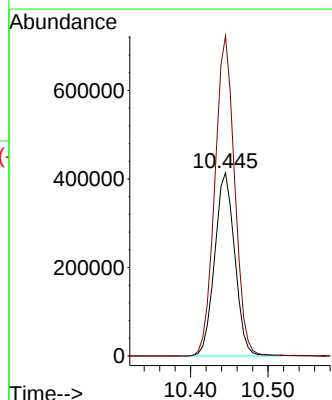
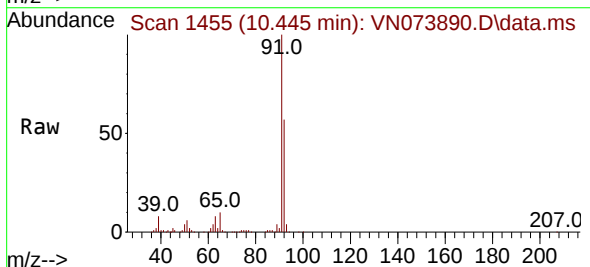
Manual Integrations
APPROVED

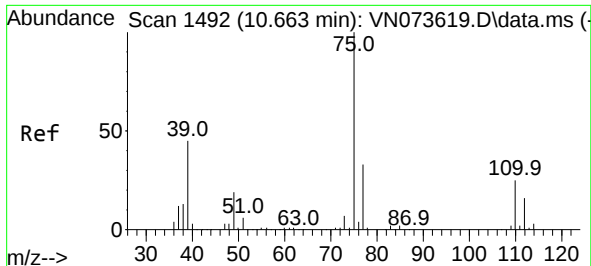
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 46.908 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

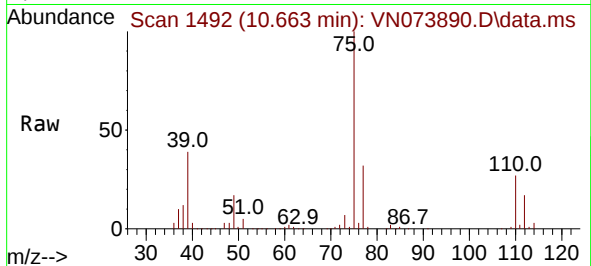
Tgt Ion: 92 Resp: 742669
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.495 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

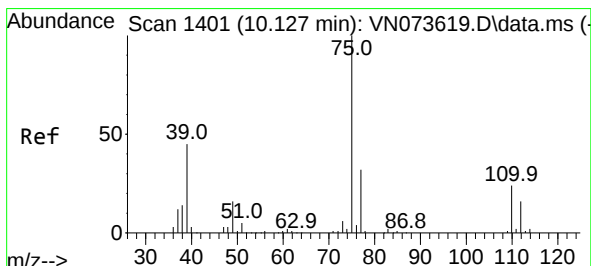
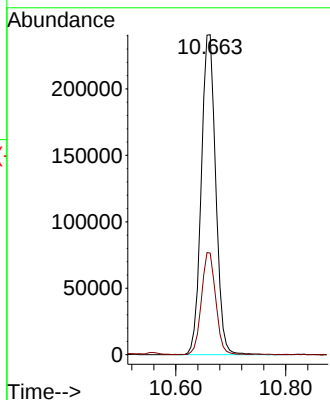
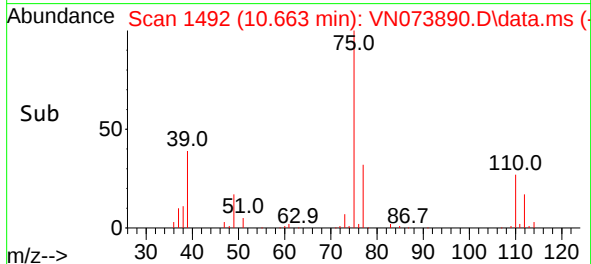
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 439050
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

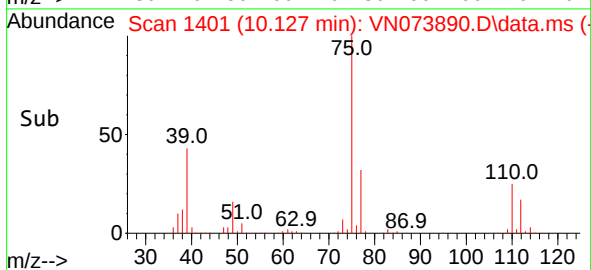
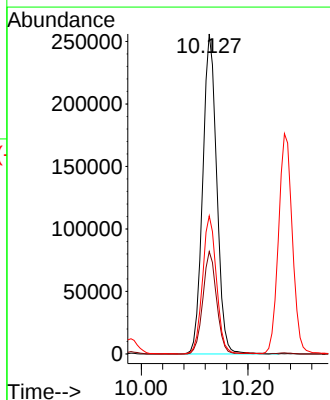
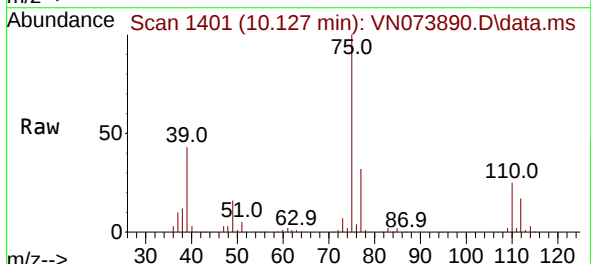
Manual Integrations
APPROVED

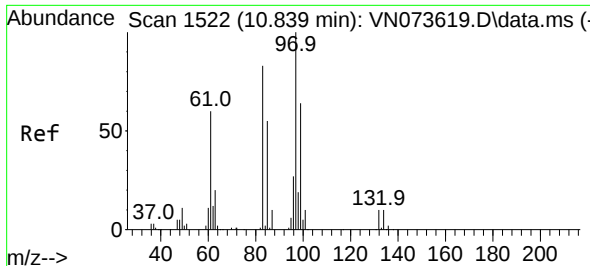
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#54
cis-1,3-Dichloropropene
Concen: 48.675 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

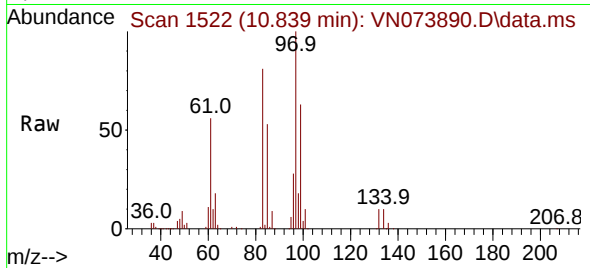
Tgt Ion: 75 Resp: 467656
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 43.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 46.227 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

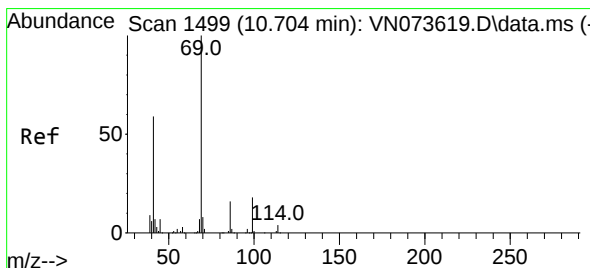
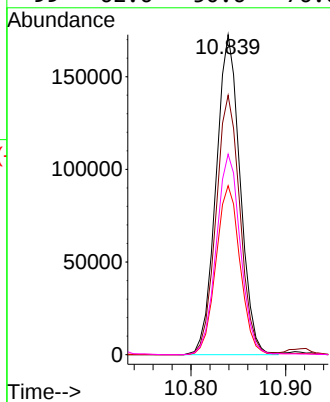
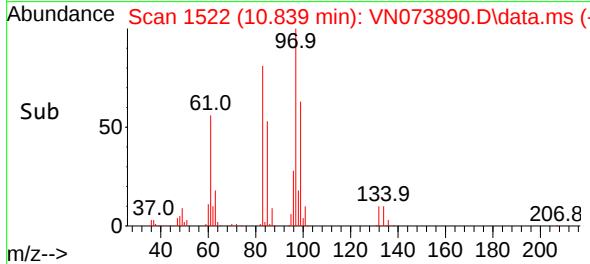
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



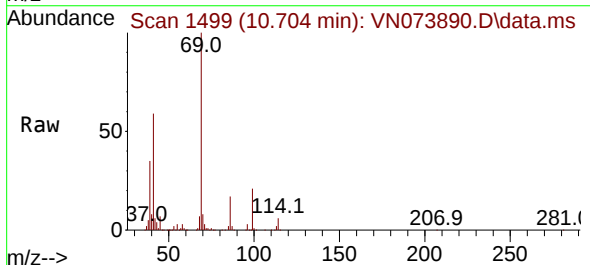
Tgt Ion: 97 Resp: 30520
Ion Ratio Lower Upper
97 100
83 81.1 66.2 99.4
85 52.8 43.9 65.9
99 62.6 50.6 76.0

Manual Integrations
APPROVED

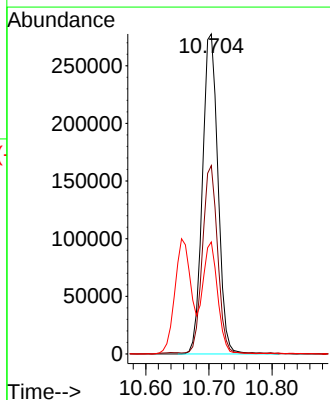
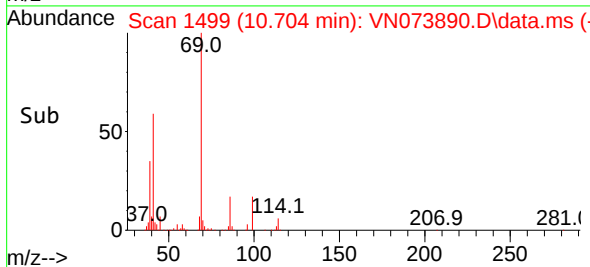
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#56
Ethyl methacrylate
Concen: 51.970 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



Tgt Ion: 69 Resp: 472902
Ion Ratio Lower Upper
69 100
41 57.0 47.8 71.6
39 33.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 44.087 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 493840

Ion Ratio Lower Upper

76 100

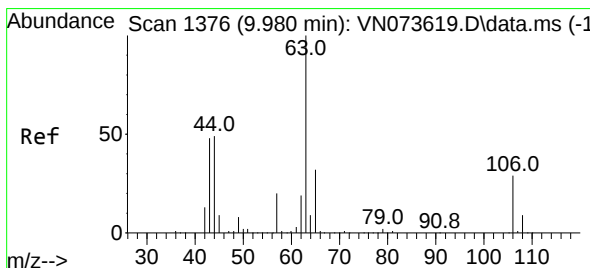
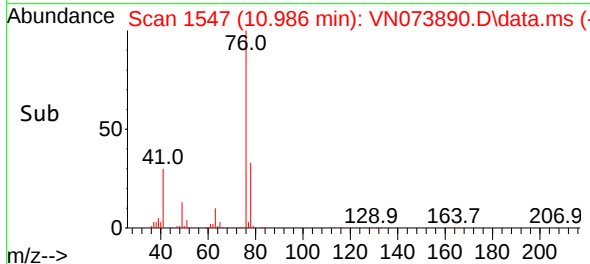
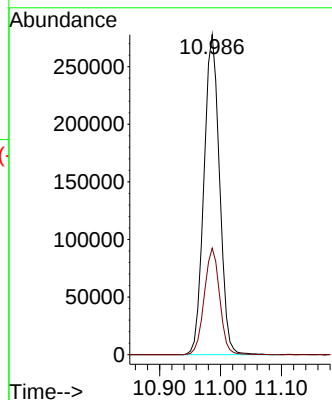
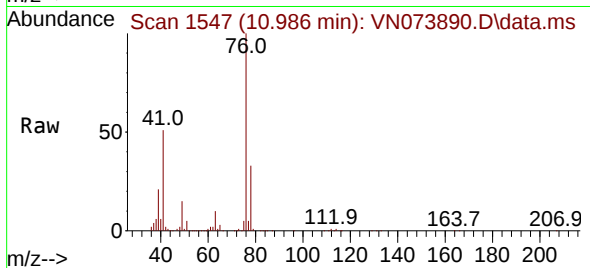
78 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 269.815 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073890.D

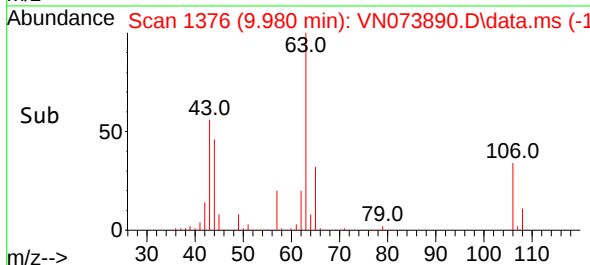
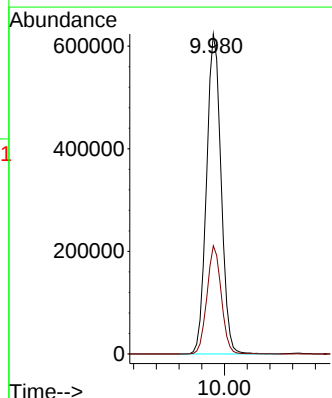
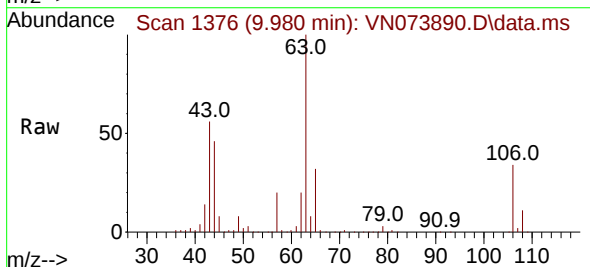
Acq: 15 Aug 2022 11:39

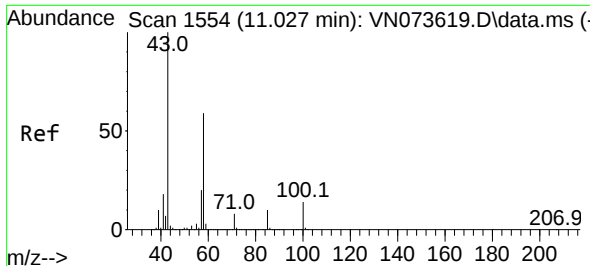
Tgt Ion: 63 Resp: 1104208

Ion Ratio Lower Upper

63 100

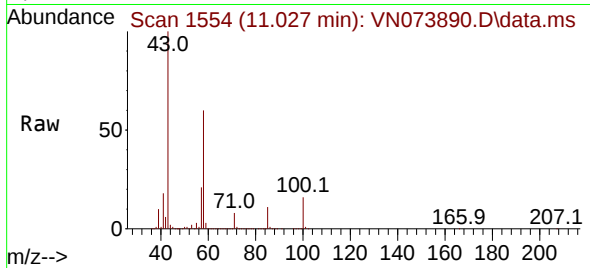
106 33.3 24.6 36.8





#59
2-Hexanone
Concen: 224.575 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

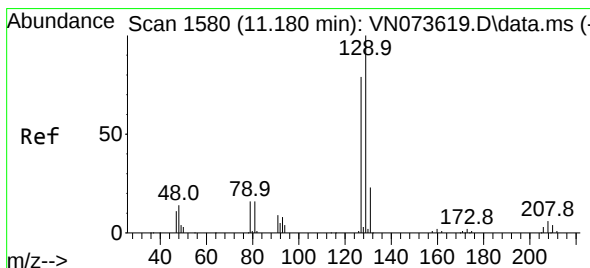
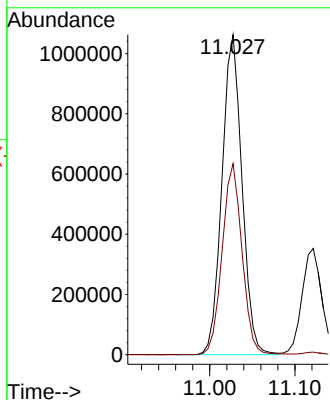
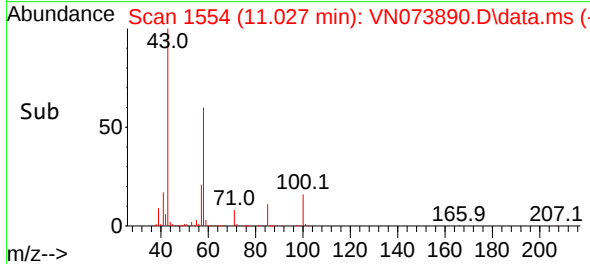
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1732772
Ion Ratio Lower Upper
43 100
58 59.3 29.7 89.1

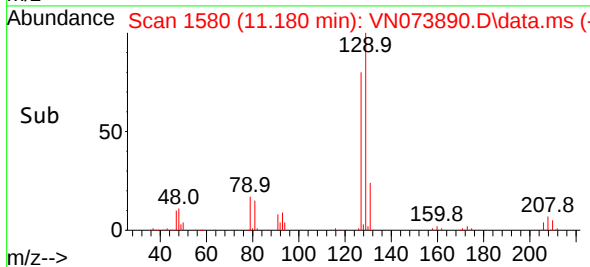
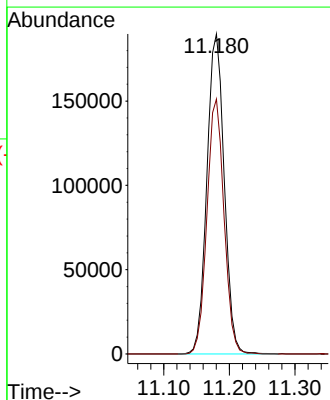
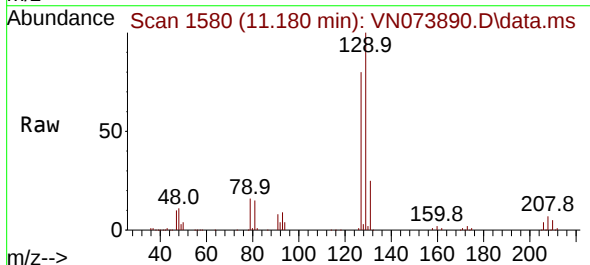
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#60
Dibromochloromethane
Concen: 53.041 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

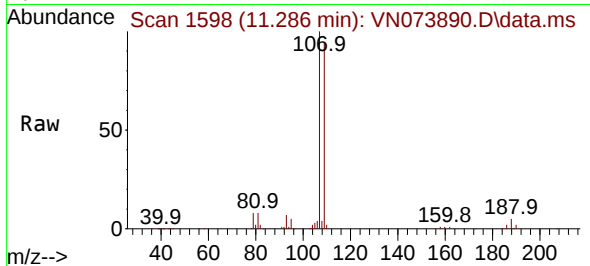
Tgt Ion:129 Resp: 348381
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.144 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

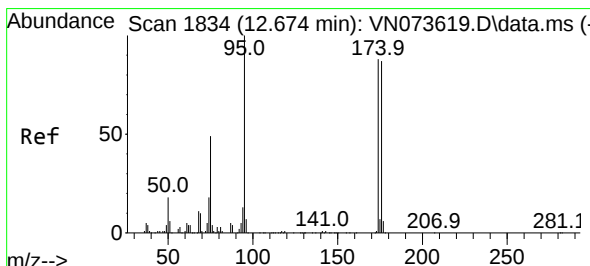
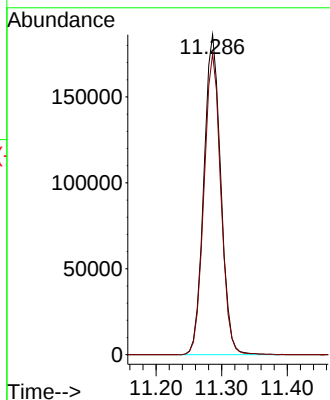
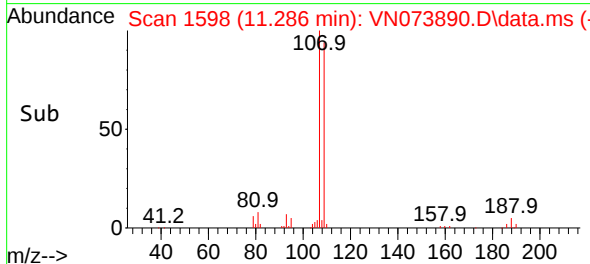
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



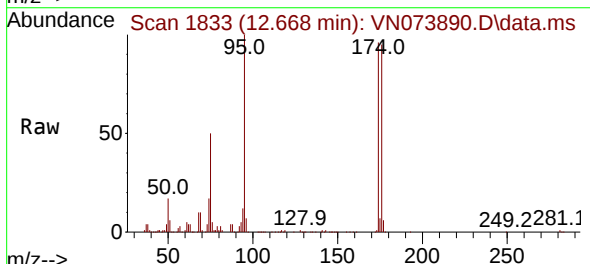
Tgt Ion:107 Resp: 33416
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

Manual Integrations
APPROVED

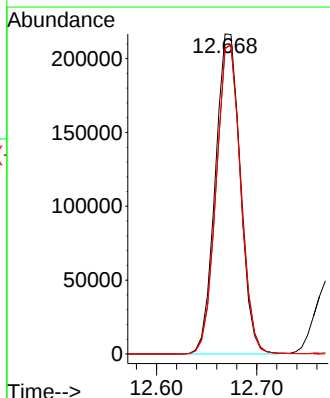
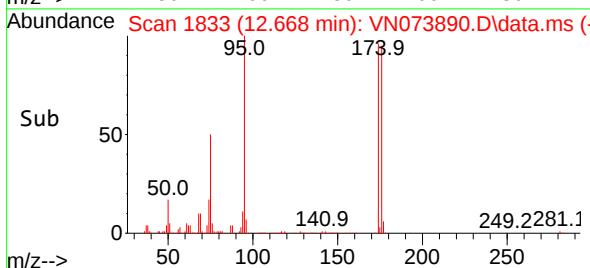
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

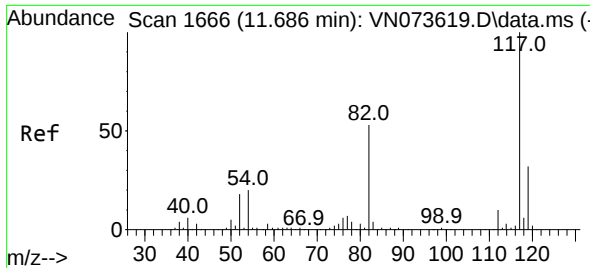


#62
4-Bromofluorobenzene
Concen: 54.689 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



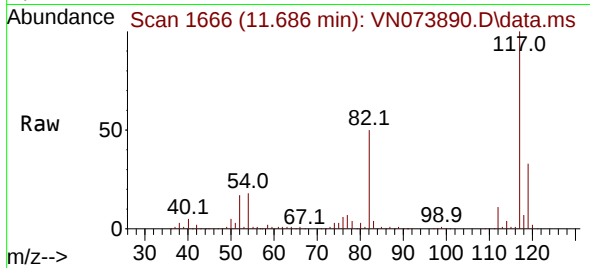
Tgt Ion: 95 Resp: 372704
Ion Ratio Lower Upper
95 100
174 96.0 0.0 167.6
176 94.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

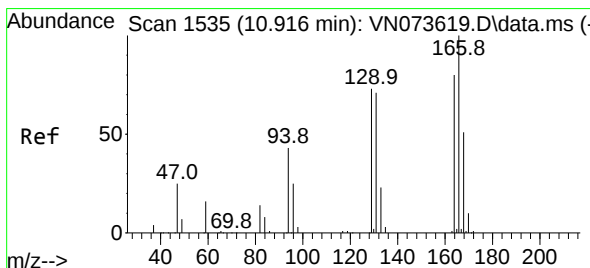
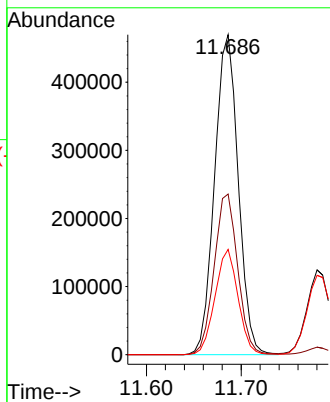
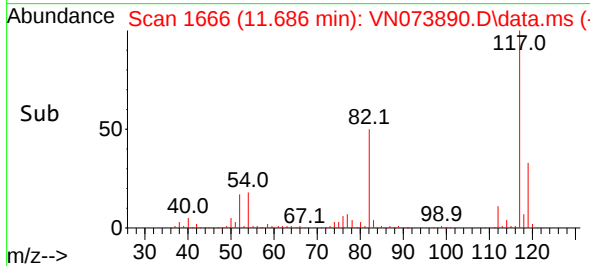
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 81554
Ion Ratio Lower Upper
117 100
82 50.2 44.2 66.2
119 32.9 25.4 38.0

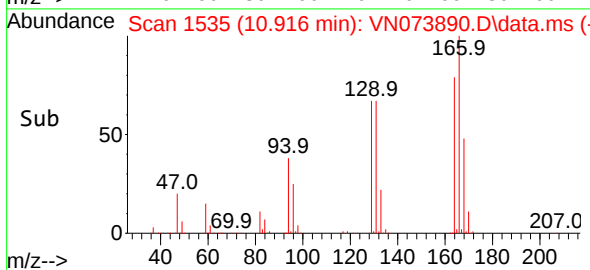
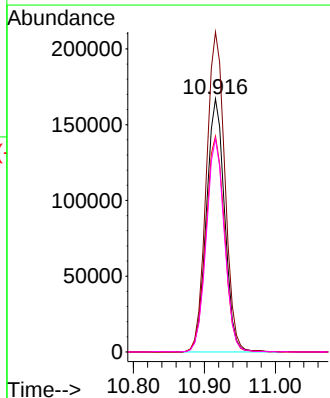
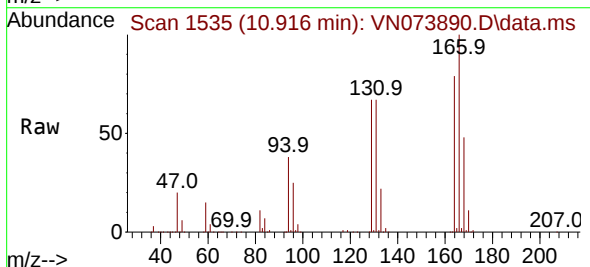
Manual Integrations
APPROVED

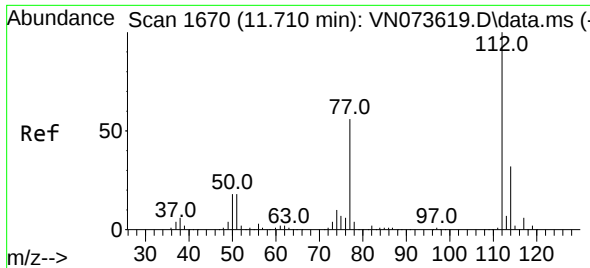
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#64
Tetrachloroethene
Concen: 45.868 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

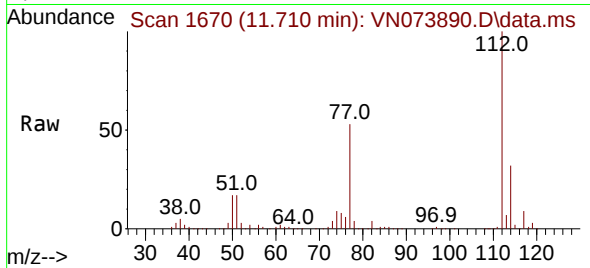
Tgt Ion:164 Resp: 297288
Ion Ratio Lower Upper
164 100
166 126.4 104.2 156.2
129 85.3 73.9 110.9
131 84.3 69.4 104.2





#65
Chlorobenzene
Concen: 47.993 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

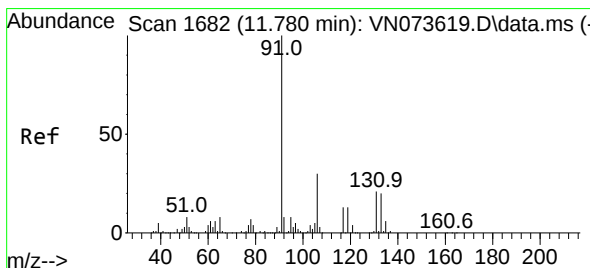
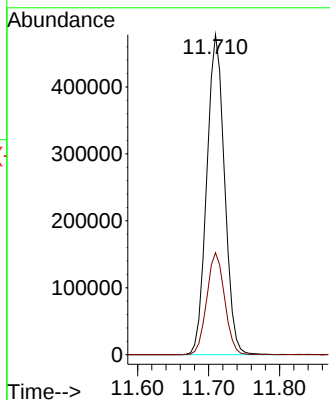
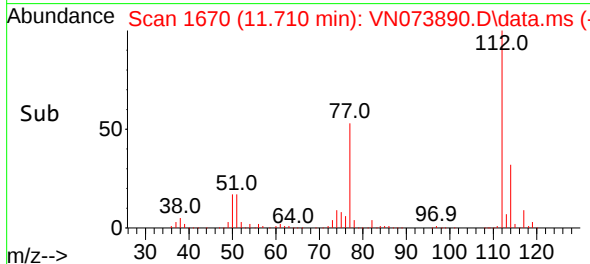
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



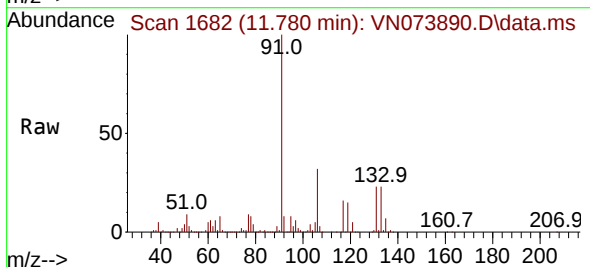
Tgt Ion:112 Resp: 831374
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

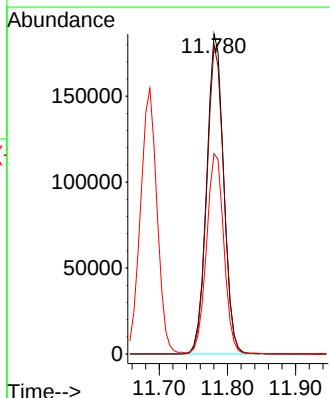
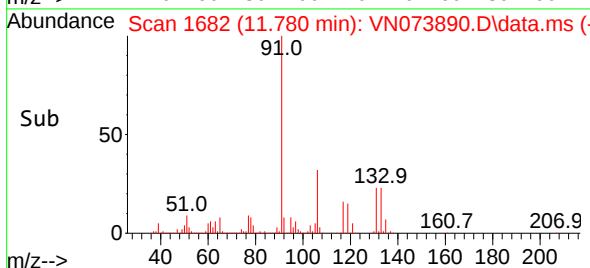
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

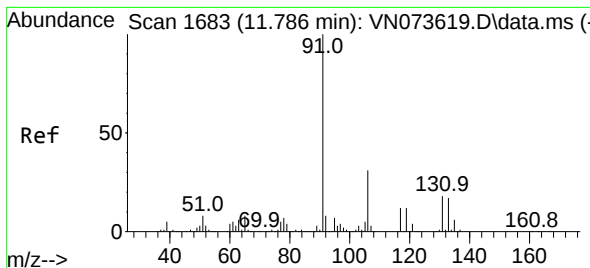


#66
1,1,1,2-Tetrachloroethane
Concen: 51.862 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



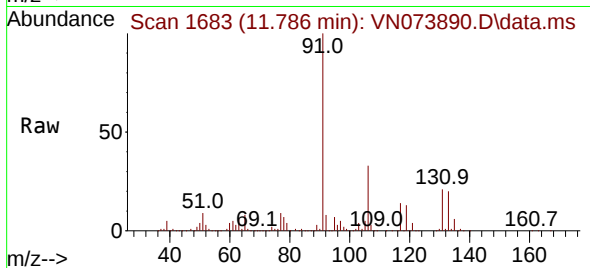
Tgt Ion:131 Resp: 322236
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 64.1 33.4 100.2





#67
Ethyl Benzene
Concen: 48.620 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

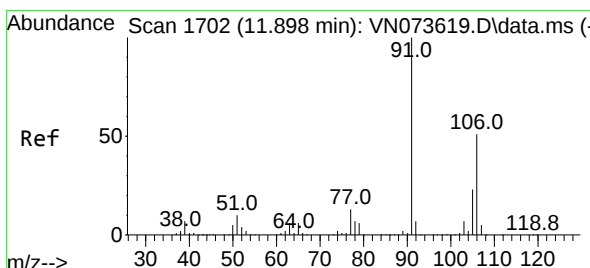
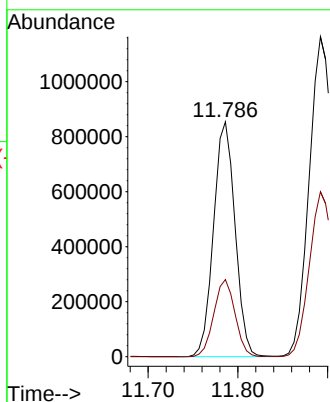
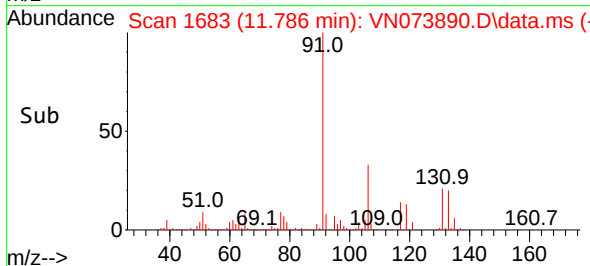
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



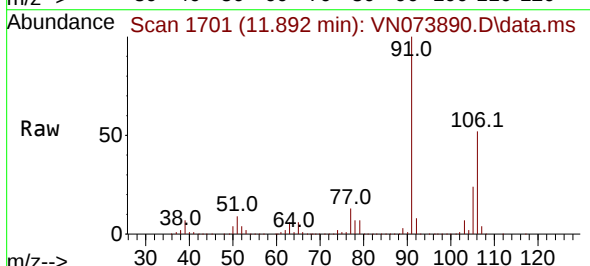
Tgt Ion: 91 Resp: 1420879
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

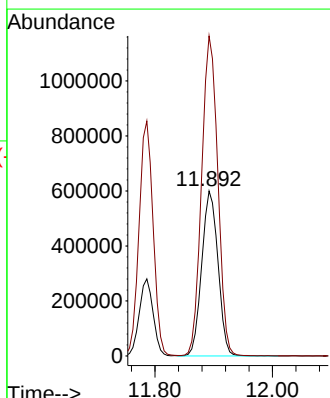
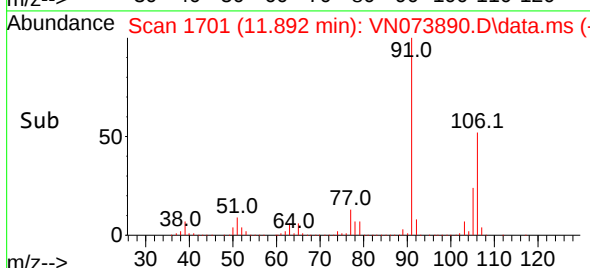
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

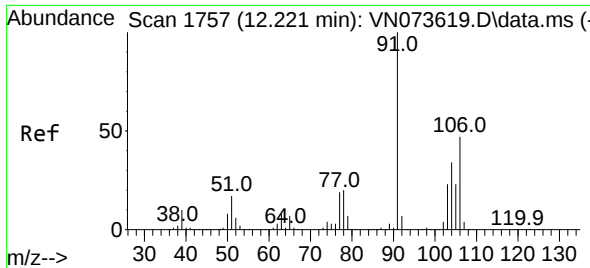


#68
m/p-Xylenes
Concen: 102.799 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



Tgt Ion:106 Resp: 1145812
Ion Ratio Lower Upper
106 100
91 193.8 158.9 238.3





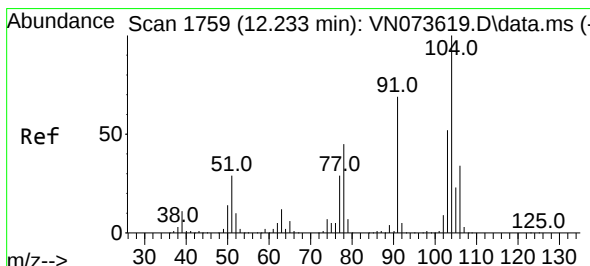
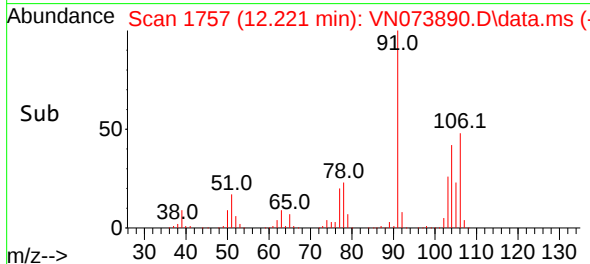
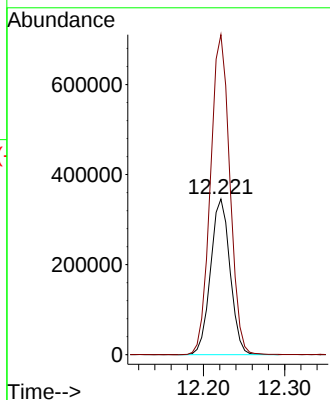
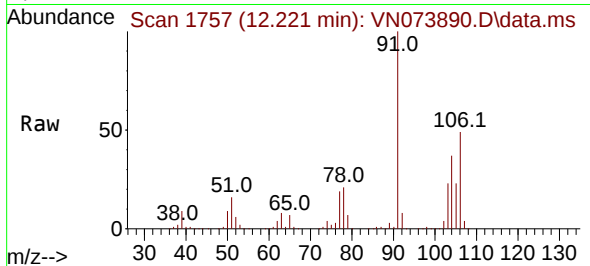
#69
o-Xylene
Concen: 53.071 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 576704
Ion Ratio Lower Upper
106 100
91 205.2 106.0 318.0

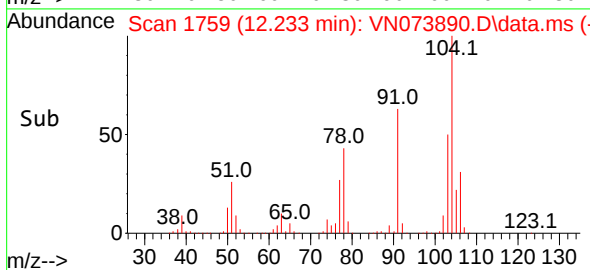
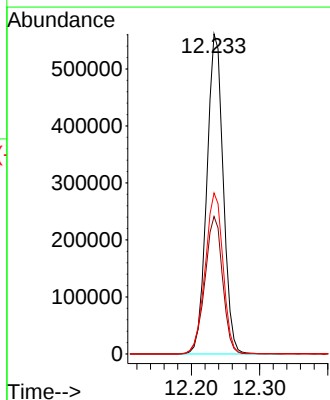
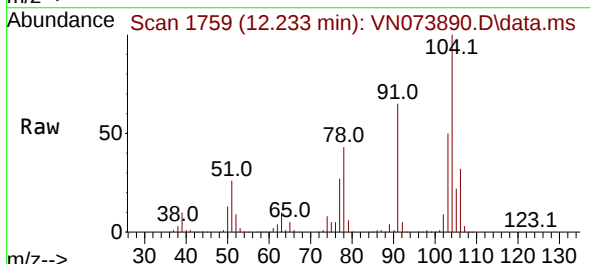
Manual Integrations
APPROVED

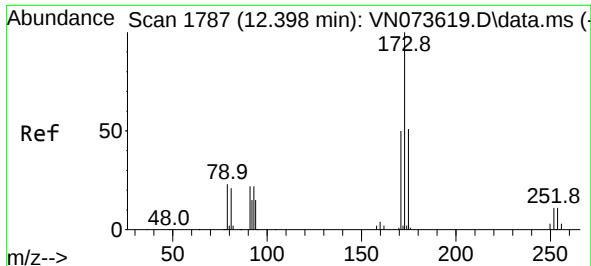
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 53.924 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

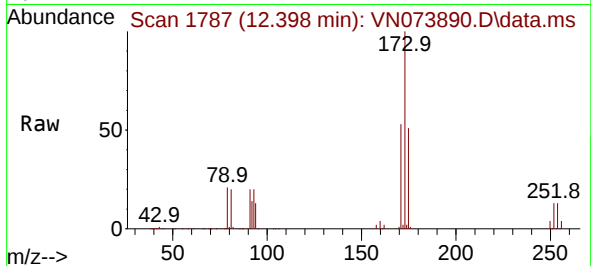
Tgt Ion:104 Resp: 938012
Ion Ratio Lower Upper
104 100
78 46.5 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 58.001 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

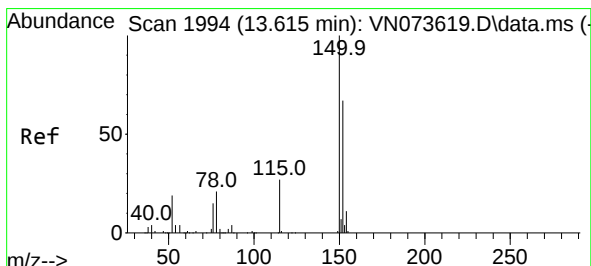
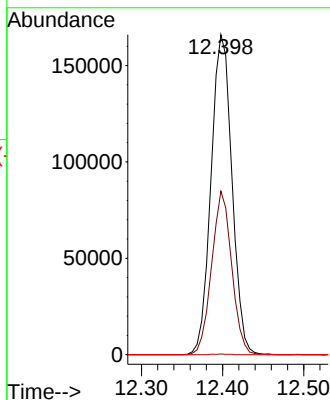
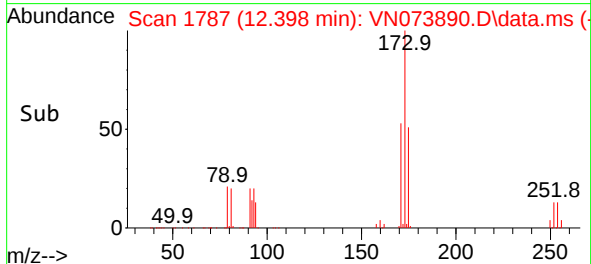
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



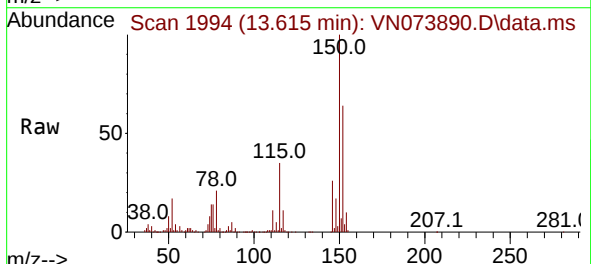
Tgt Ion:173 Resp: 297459
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

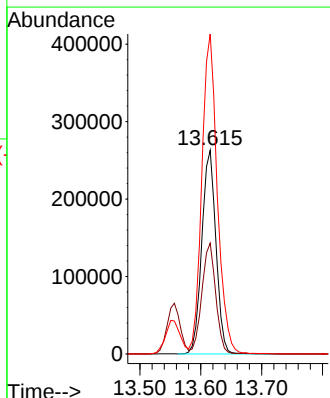
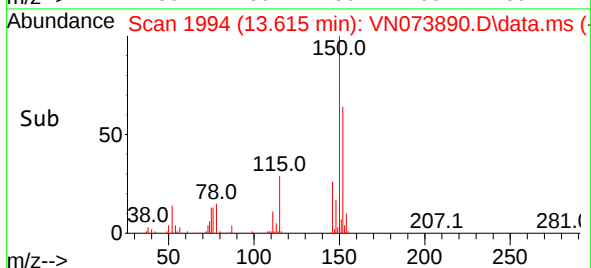
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

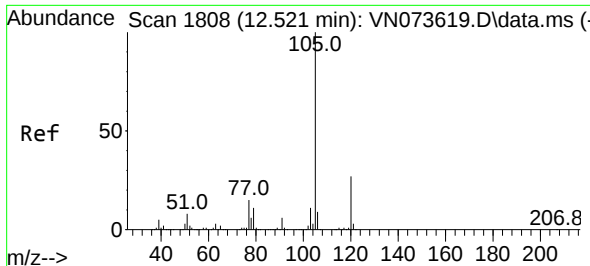


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



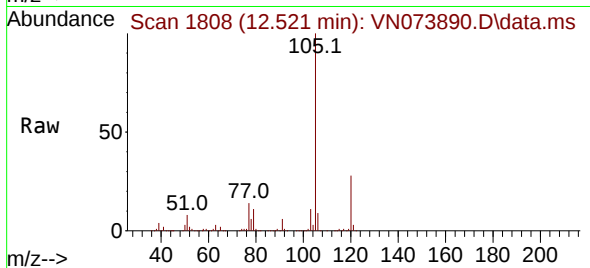
Tgt Ion:152 Resp: 425701
Ion Ratio Lower Upper
152 100
115 53.3 28.9 86.7
150 171.1 0.0 356.2





#73
Isopropylbenzene
Concen: 47.638 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

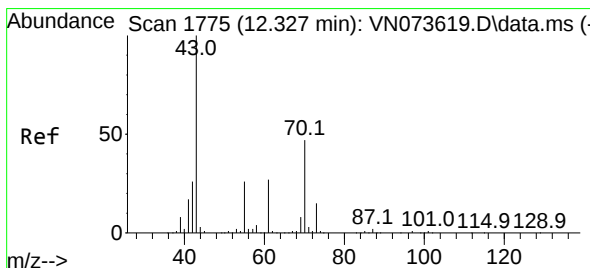
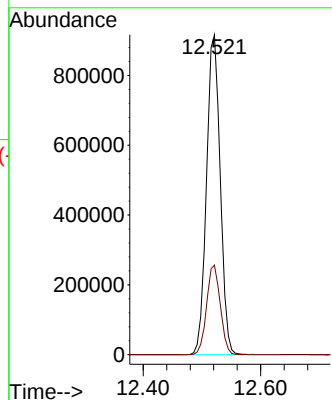
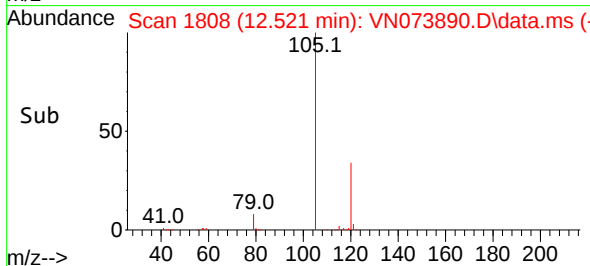
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



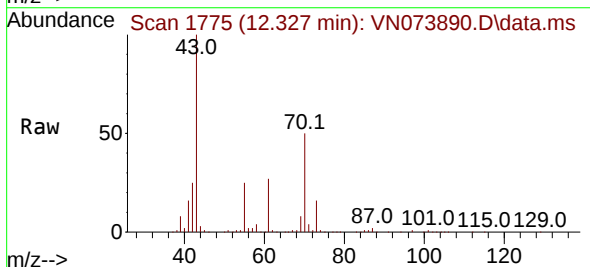
Tgt Ion:105 Resp: 1484528
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4

Manual Integrations
APPROVED

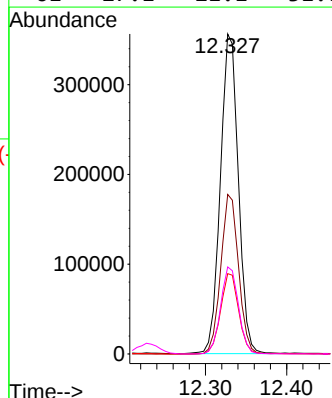
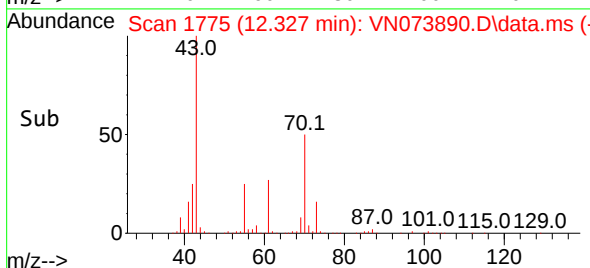
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

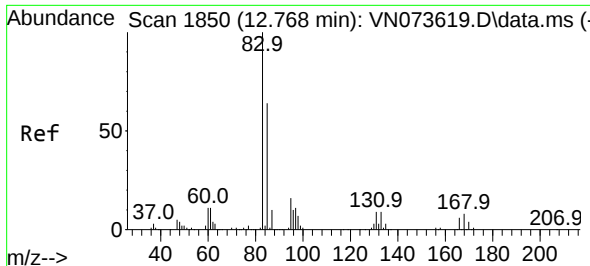


#74
N-ethyl acetate
Concen: 46.551 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



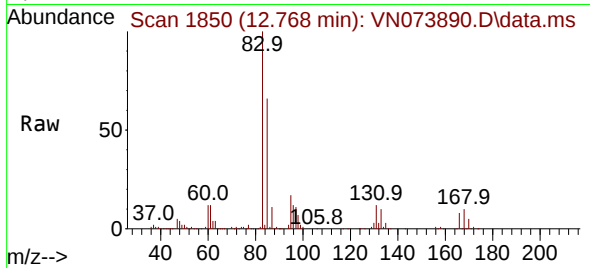
Tgt Ion: 43 Resp: 548097
Ion Ratio Lower Upper
43 100
70 49.3 39.0 58.4
55 25.6 21.1 31.7
61 27.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 39.693 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

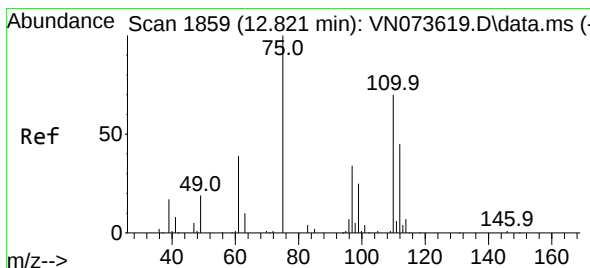
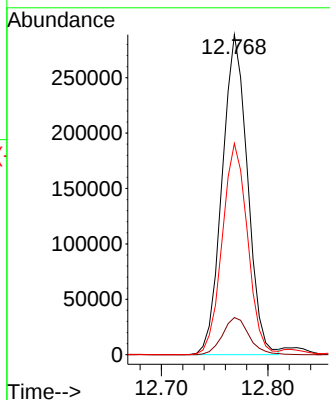
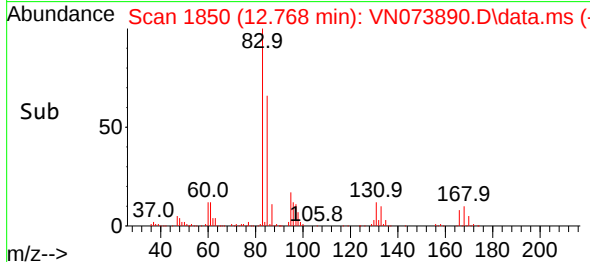
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 47731
Ion Ratio Lower Upper
83 100
131 12.2 5.3 15.9
85 66.0 32.3 96.9

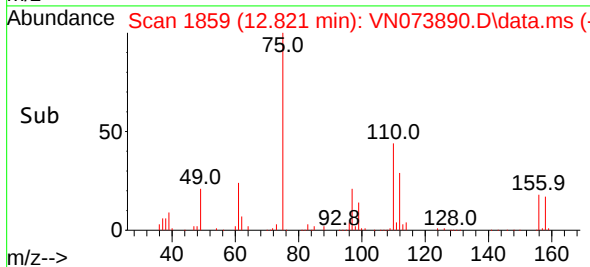
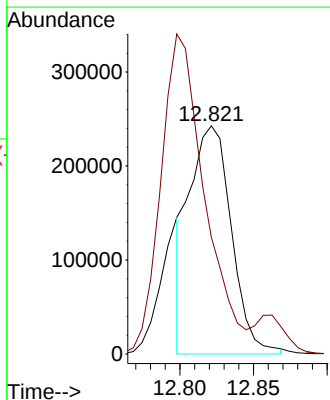
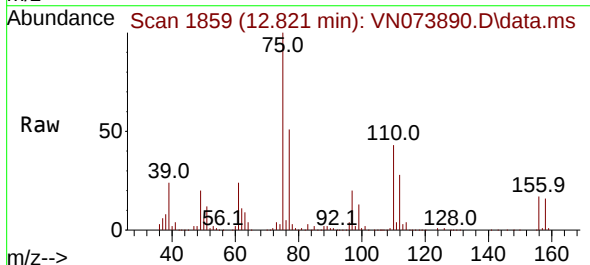
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#76
1,2,3-Trichloropropane
Concen: 49.851 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

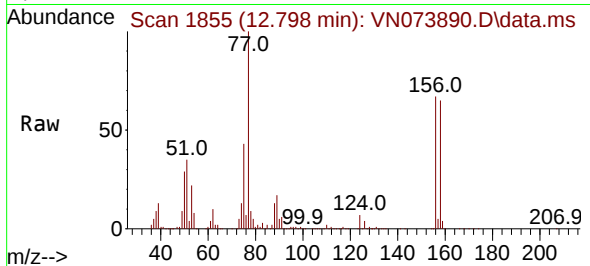
Tgt Ion: 75 Resp: 481835
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 49.068 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

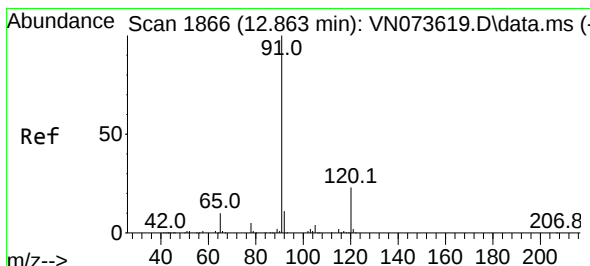
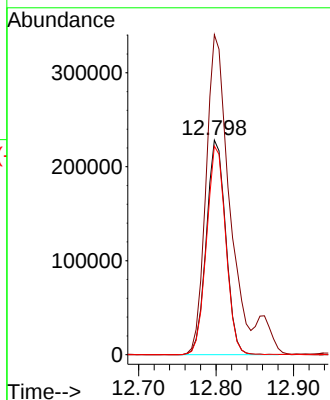
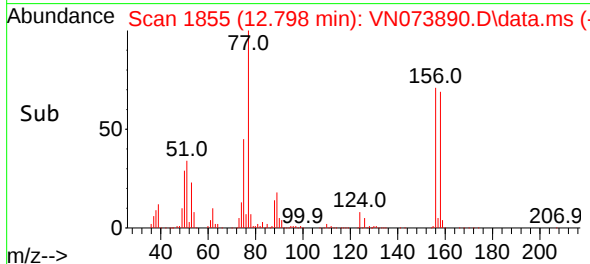
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



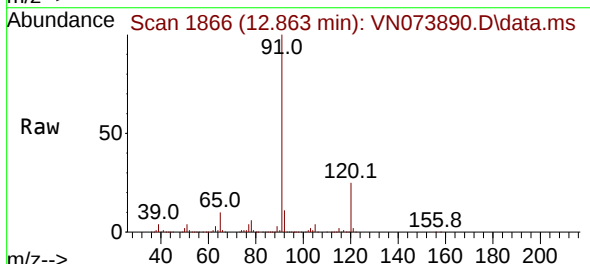
Tgt Ion:156 Resp: 398199
Ion Ratio Lower Upper
156 100
77 175.9 100.5 301.5
158 96.3 48.9 146.6

Manual Integrations
APPROVED

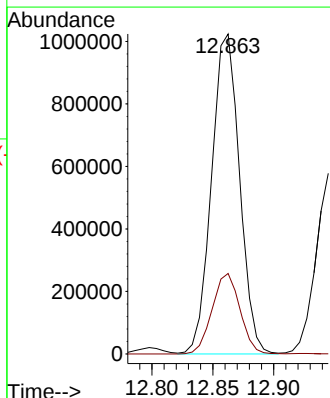
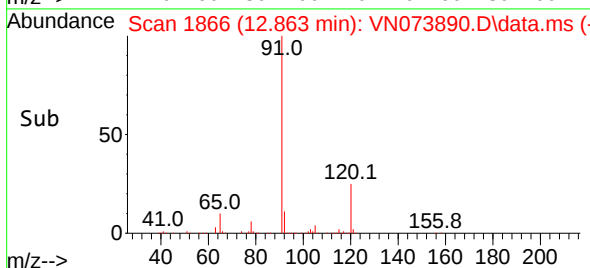
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

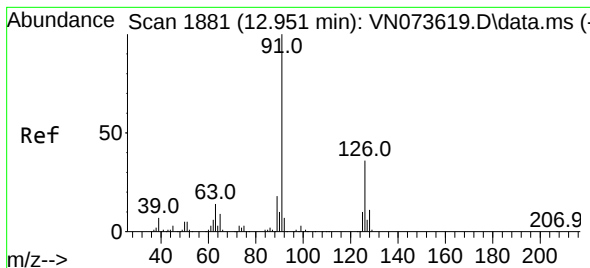


#78
n-propylbenzene
Concen: 46.777 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



Tgt Ion: 91 Resp: 1640164
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 44.978 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 984302

Ion Ratio Lower Upper

91 100

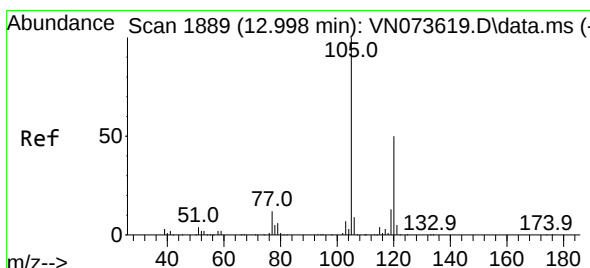
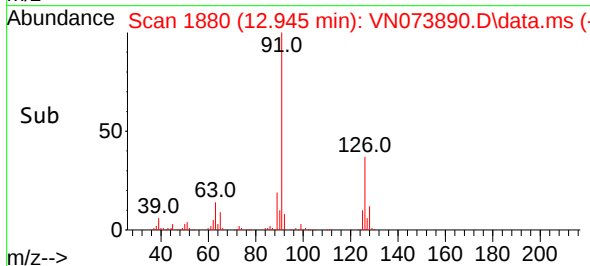
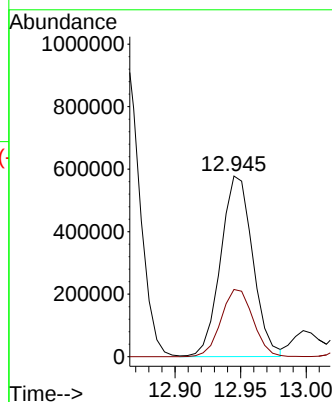
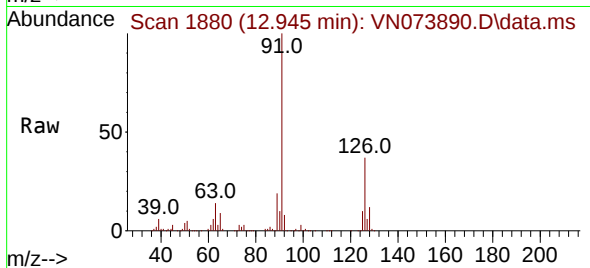
126 37.1 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#80

1,3,5-Trimethylbenzene

Concen: 48.004 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073890.D

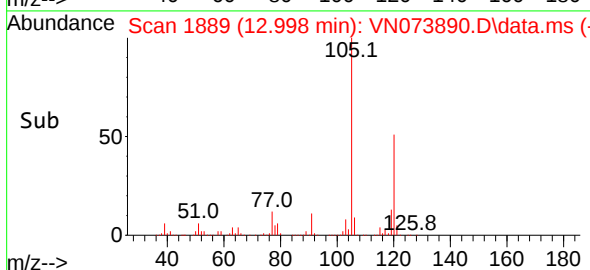
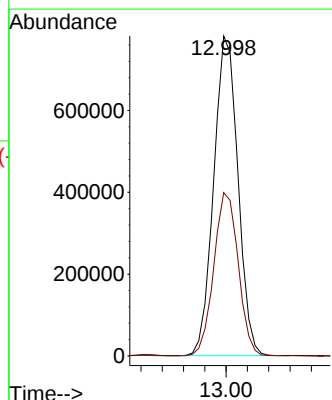
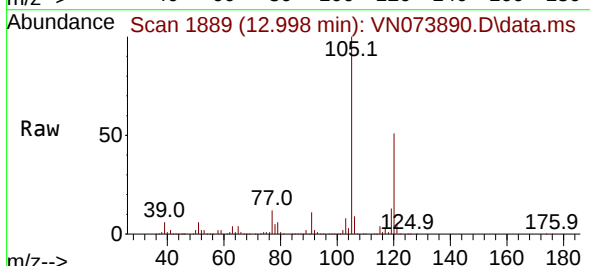
Acq: 15 Aug 2022 11:39

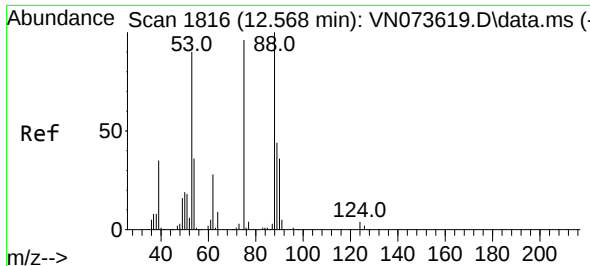
Tgt Ion:105 Resp: 1231063

Ion Ratio Lower Upper

105 100

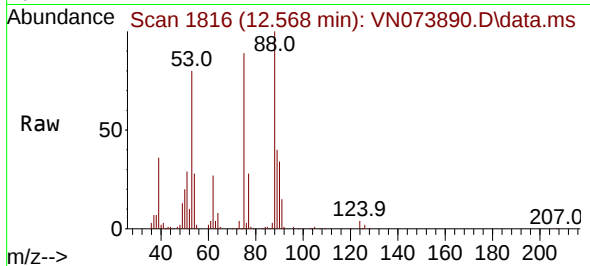
120 51.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.461 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

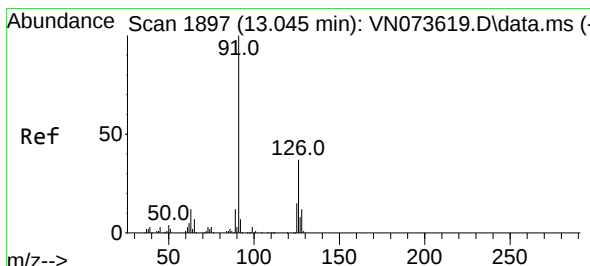
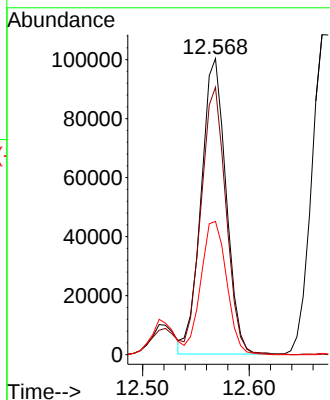
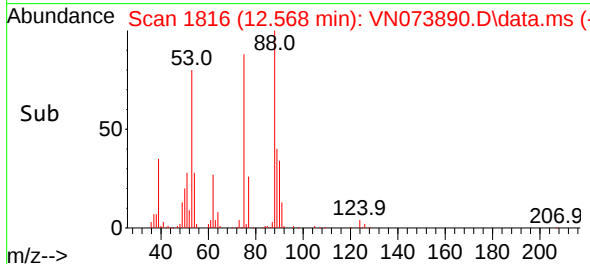
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



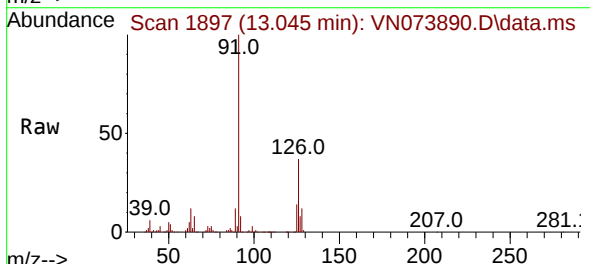
Tgt Ion: 75 Resp: 16247
Ion Ratio Lower Upper
75 100
53 90.7 78.0 117.0
89 46.7 37.2 55.8

Manual Integrations
APPROVED

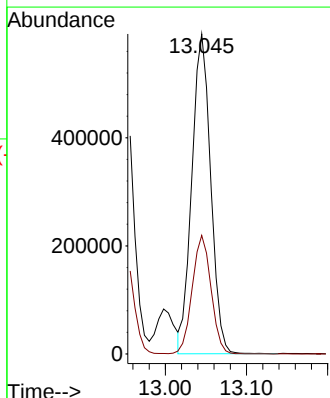
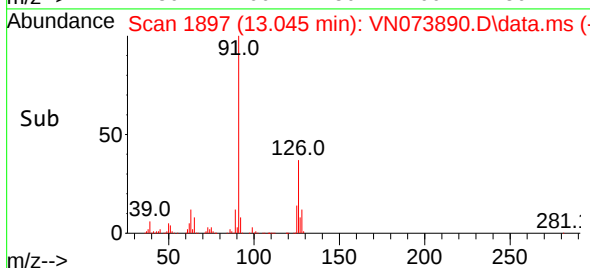
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 46.013 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



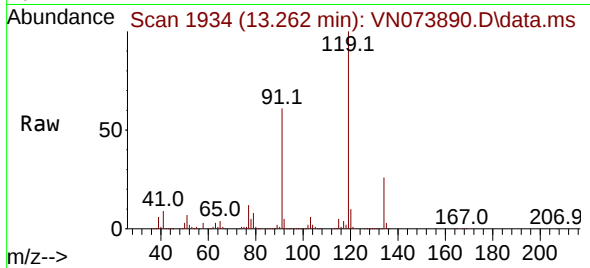
Tgt Ion: 91 Resp: 954374
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.699 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

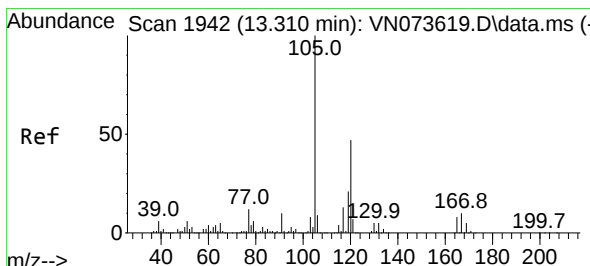
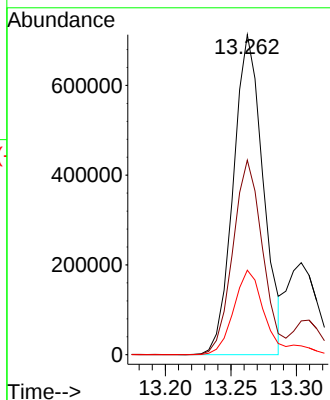
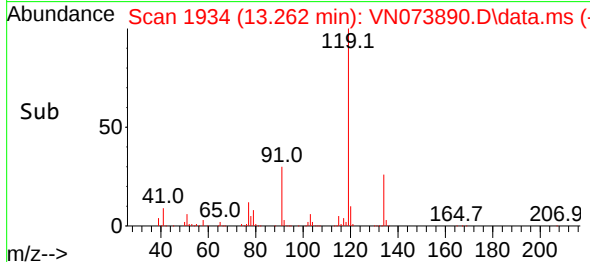
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



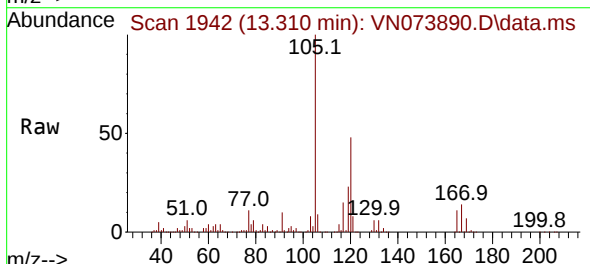
Tgt Ion:119 Resp: 112891
Ion Ratio Lower Upper
119 100
91 61.0 31.6 94.8
134 28.6 13.7 41.1

Manual Integrations
APPROVED

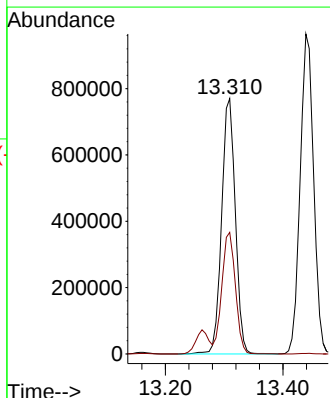
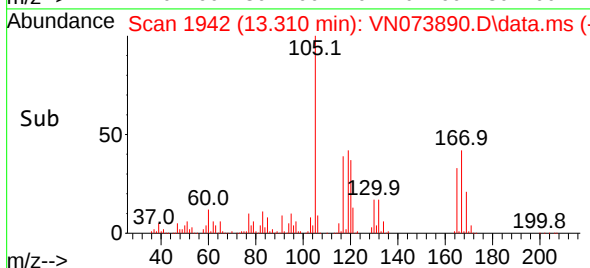
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

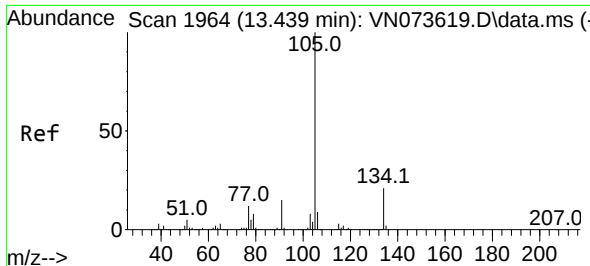


#84
1,2,4-Trimethylbenzene
Concen: 49.423 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



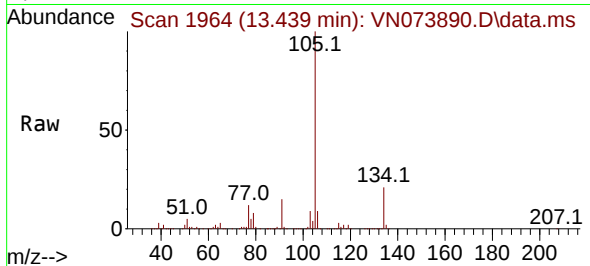
Tgt Ion:105 Resp: 1246271
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 48.860 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073890.D
 Acq: 15 Aug 2022 11:39

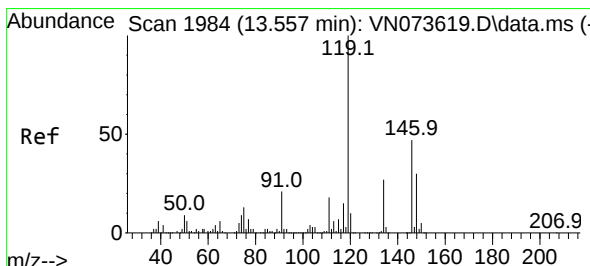
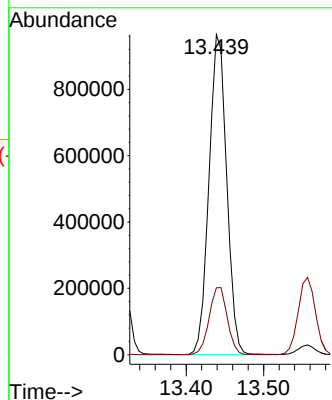
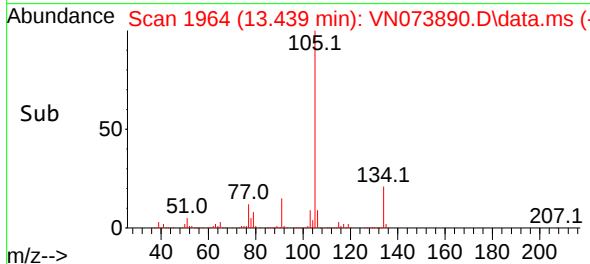
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



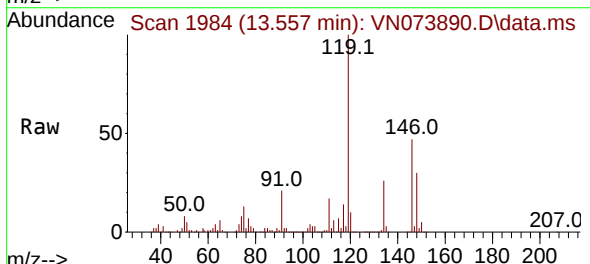
Tgt Ion:105 Resp: 1533952
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.1

Manual Integrations
 APPROVED

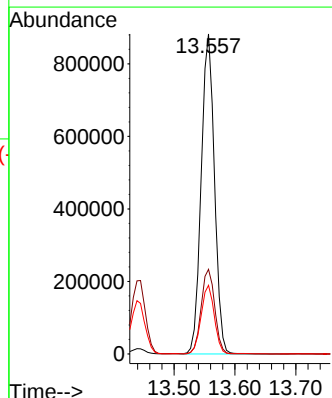
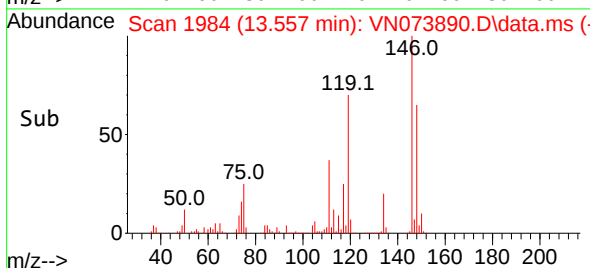
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

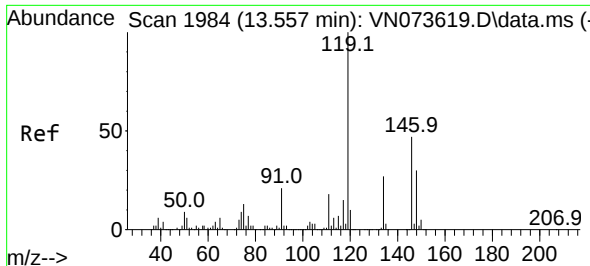


#86
 p-Isopropyltoluene
 Concen: 53.846 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073890.D
 Acq: 15 Aug 2022 11:39



Tgt Ion:119 Resp: 1332630
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 21.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.435 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

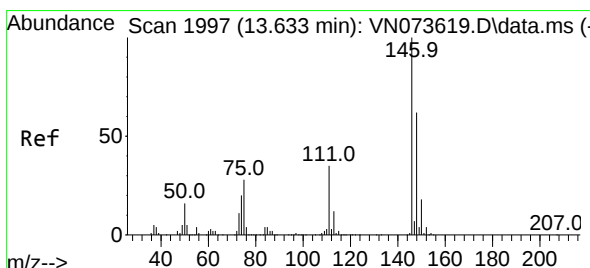
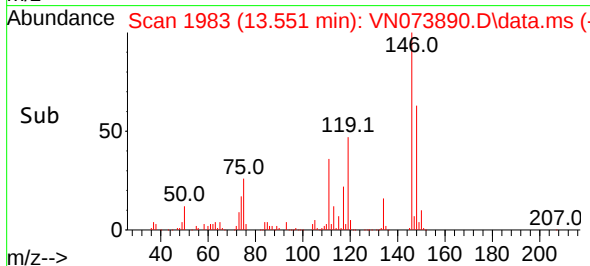
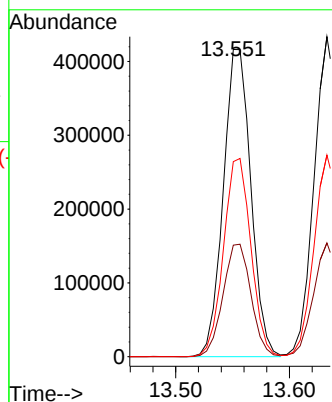
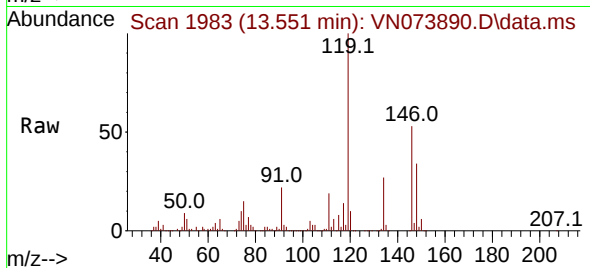
Tgt Ion:146 Resp: 70264
 Ion Ratio Lower Upper
 146 100
 111 37.1 20.0 60.0
 148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#88

1,4-Dichlorobenzene

Concen: 46.829 ug/l

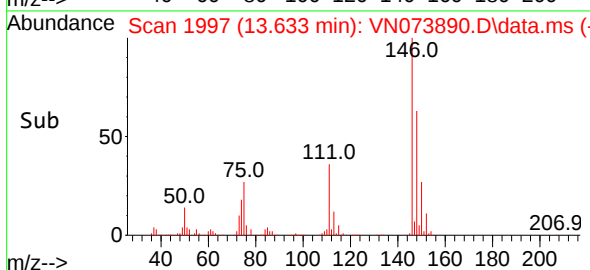
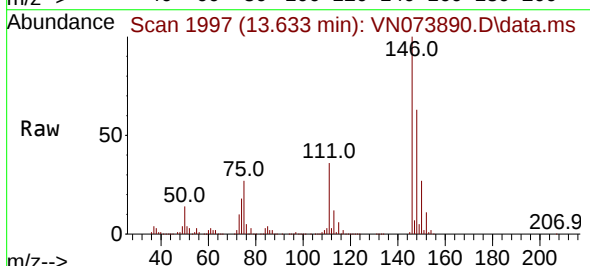
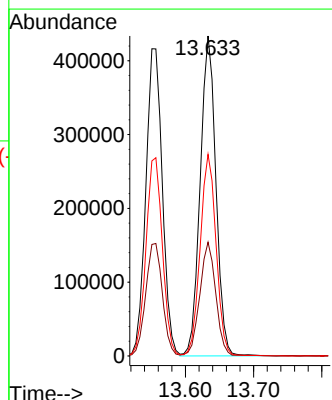
RT: 13.633 min Scan# 1997

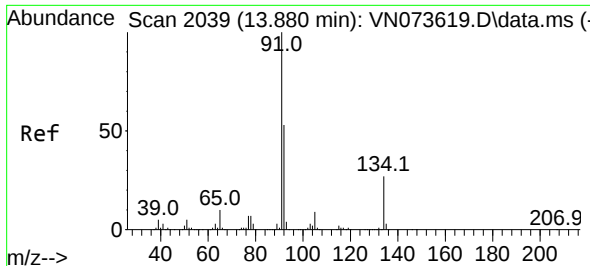
Delta R.T. -0.000 min

Lab File: VN073890.D

Acq: 15 Aug 2022 11:39

Tgt Ion:146 Resp: 694052
 Ion Ratio Lower Upper
 146 100
 111 36.2 19.1 57.1
 148 63.6 31.4 94.3





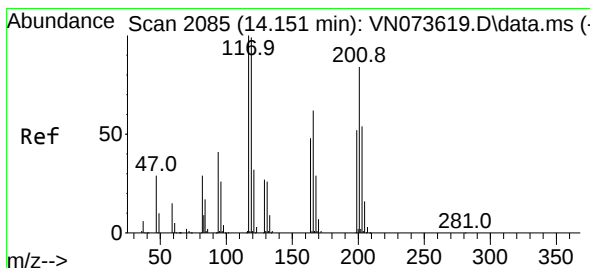
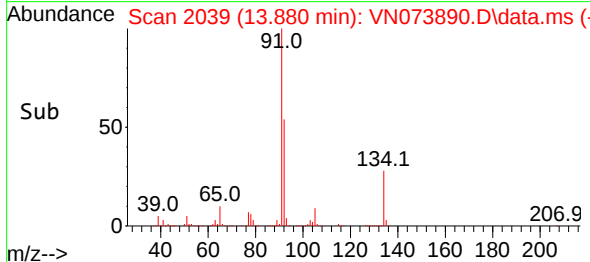
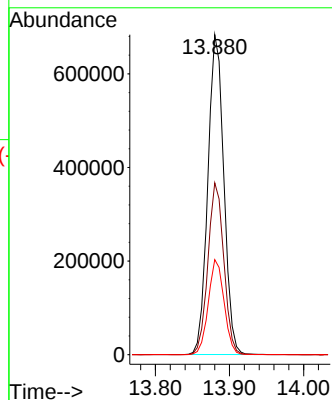
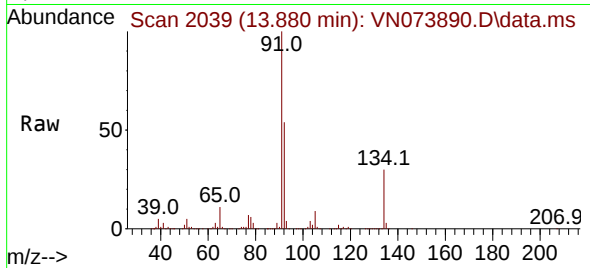
#89
n-Butylbenzene
Concen: 50.798 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 102293
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 29.5 13.6 40.8

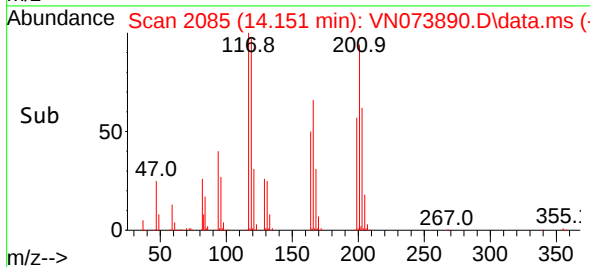
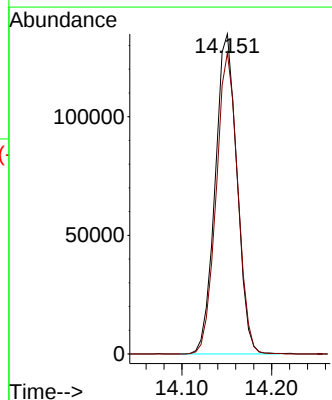
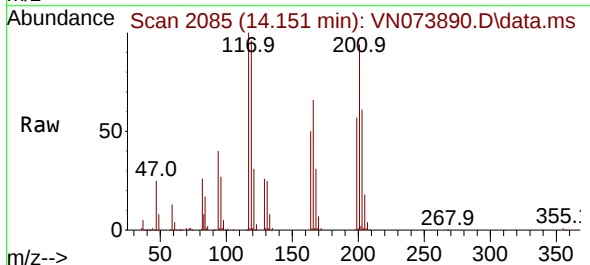
Manual Integrations
APPROVED

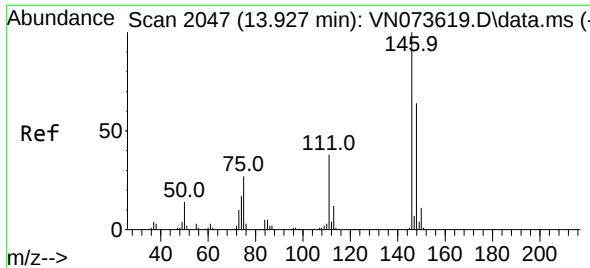
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#90
Hexachloroethane
Concen: 46.233 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

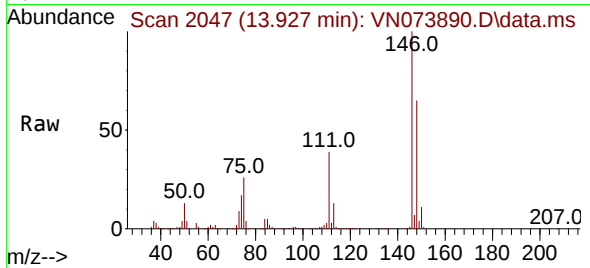
Tgt Ion:117 Resp: 227021
Ion Ratio Lower Upper
117 100
201 93.1 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 46.970 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

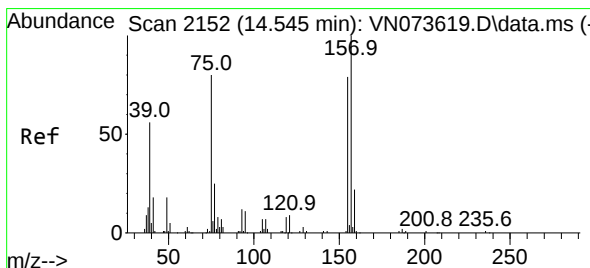
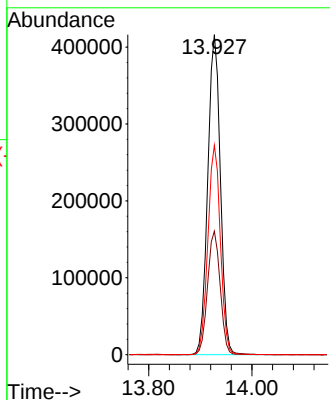
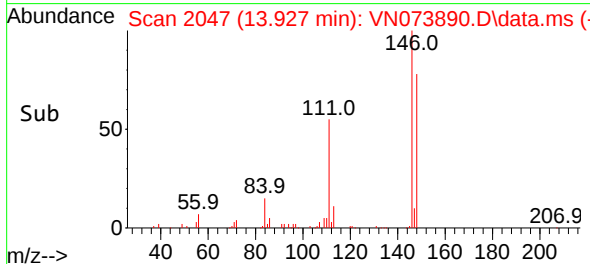
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



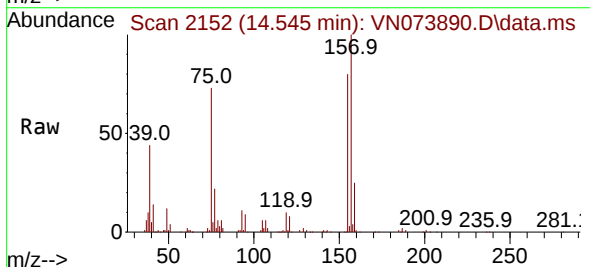
Tgt Ion:146 Resp: 705040
Ion Ratio Lower Upper
146 100
111 38.6 20.9 62.8
148 64.7 32.1 96.3

Manual Integrations
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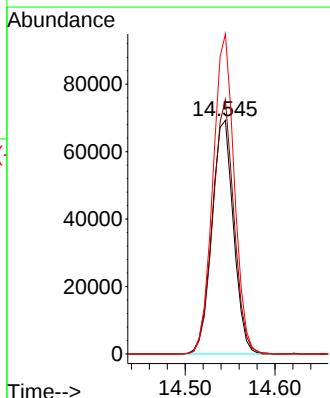
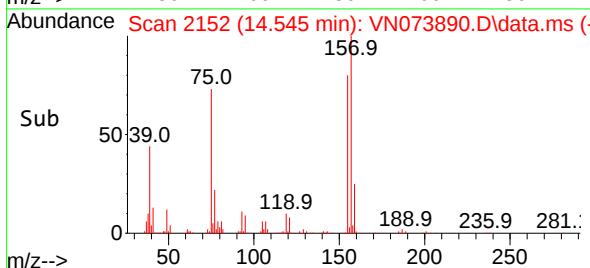
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

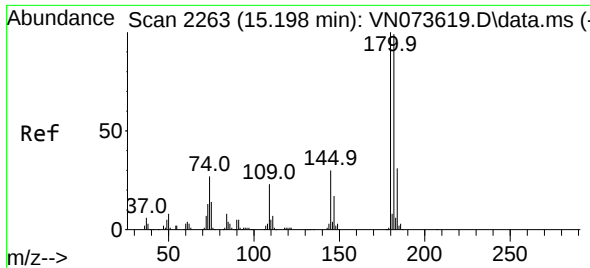


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.224 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



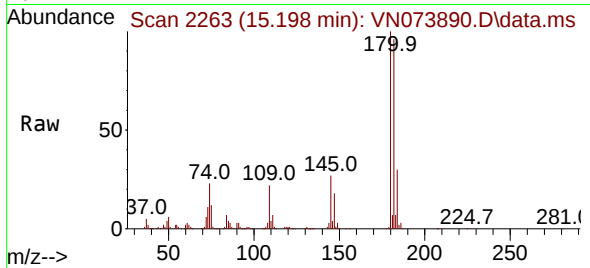
Tgt Ion: 75 Resp: 116513
Ion Ratio Lower Upper
75 100
155 105.4 44.9 134.5
157 134.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 61.051 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

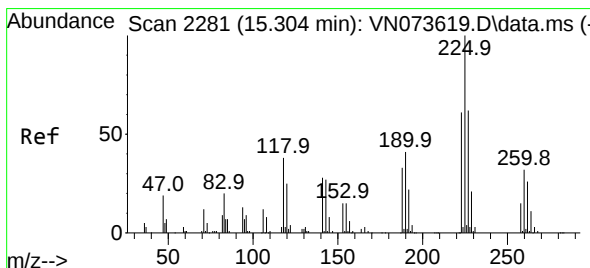
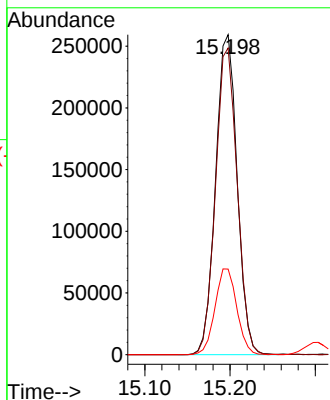
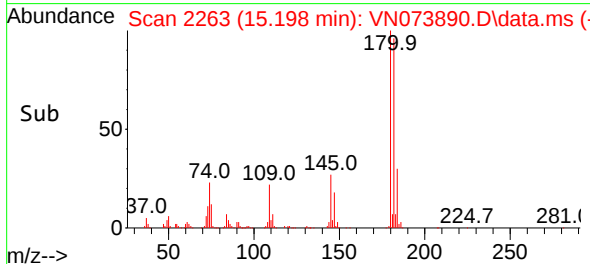
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



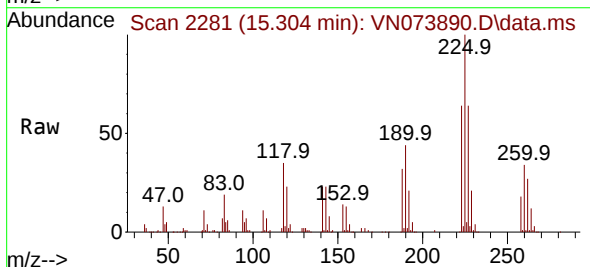
Tgt Ion:180 Resp: 455084
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.5
145 27.2 14.5 43.5

Manual Integrations
APPROVED

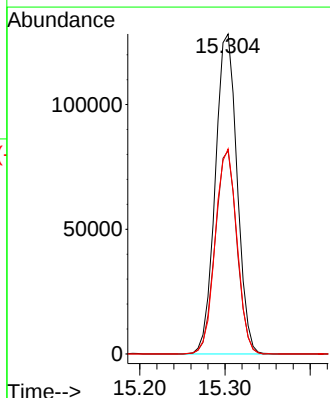
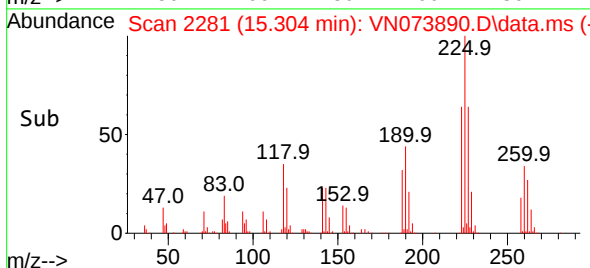
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

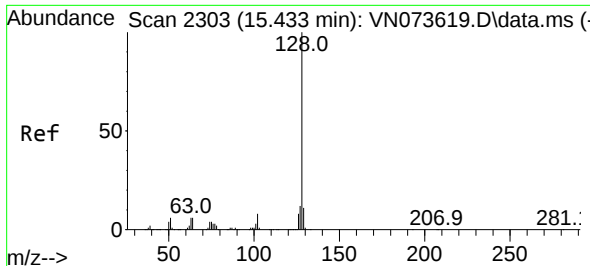


#94
Hexachlorobutadiene
Concen: 56.211 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39



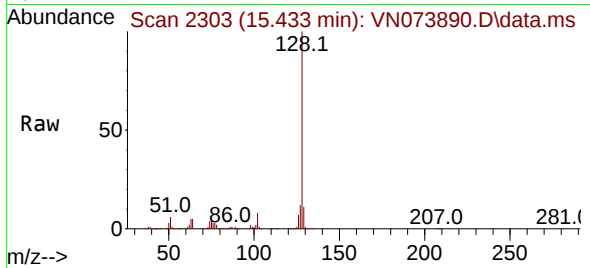
Tgt Ion:225 Resp: 227788
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 63.8 31.8 95.4





#95
Naphthalene
Concen: 62.506 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

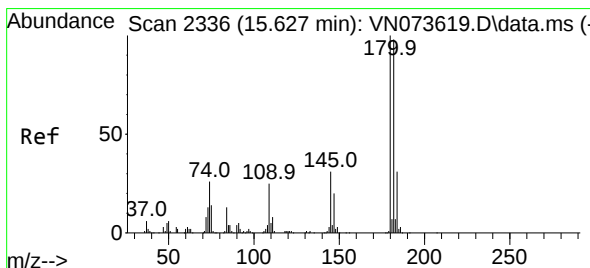
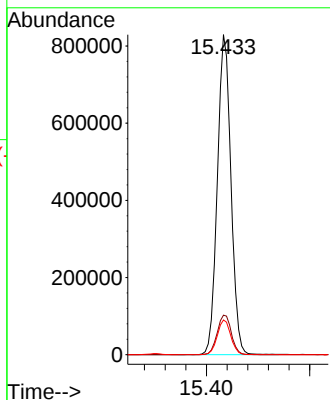
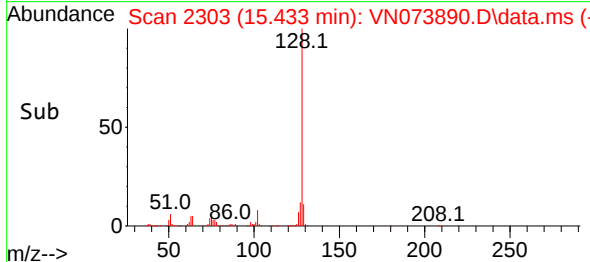
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 1511970
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 59.125 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VN073890.D
Acq: 15 Aug 2022 11:39

Tgt Ion:180 Resp: 463853
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.3
145 29.5 15.5 46.5

