

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068457.D
 Acq On : 13 Sep 2021 14:55
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2021
 Supervised By : Mahesh Dadoda 09/14/2021

Quant Time: Sep 14 04:11:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:08:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	114913	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	582932	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	556371	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	188946	27.842	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.800%		
60) 4-Bromofluorobenzene	12.734	95	239551	30.208	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.700%		
63) Toluene-d8	10.443	98	713925	29.496	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.333%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	539039	102.987	ug/l	99
3) Chloromethane	2.301	50	486737	96.134	ug/l	100
4) Vinyl Chloride	2.440	62	751750	93.681	ug/l	100
5) Bromomethane	2.829	94	700056	87.828	ug/l	99
6) Chloroethane	3.001	64	521533	91.057	ug/l	100
7) Trichlorofluoromethane	3.368	101	945382	95.574	ug/l	98
8) Diethyl Ether	3.824	74	310231	99.436	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	534090	94.793	ug/l	98
10) 1,1-Dichloroethene	4.183	96	505770	96.584	ug/l	97
11) Methyl Iodide	4.422	142	897170	110.341	ug/l	99
12) Methyl Acetate	4.854	43	525392	96.392	ug/l	97
13) Acrolein	4.044	56	200103	456.797	ug/l	98
14) Acrylonitrile	5.554	53	1182274	500.884	ug/l	99
15) Acetone	4.285	58	305258	474.556	ug/l	98
16) Carbon Disulfide	4.535	76	1306515	96.676	ug/l	99
17) Allyl chloride	4.840	41	653149	99.890	ug/l	98
18) Methylene Chloride	5.095	84	580422	92.592	ug/l	96
19) trans-1,2-Dichloroethene	5.597	96	586901	99.895	ug/l	98
20) Diisopropyl ether	6.495	45	1415742	97.612	ug/l	95
21) 1,1-Dichloroethane	6.388	63	923306	95.784	ug/l	97
22) cis-1,2-Dichloroethene	7.327	96	700841	99.387	ug/l	95
23) tert-Butyl Alcohol	5.366	59	451112	472.936	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	1792173	100.508	ug/l	98
25) Chloroform	7.820	83	1106145	95.884	ug/l	100
26) Cyclohexane	8.096	56	803336	98.574	ug/l #	97
29) 1,1-Dichloropropene	8.222	75	785836	100.615	ug/l	97
30) 2-Butanone	7.332	43	1480110	496.519	ug/l #	95
31) 2,2-Dichloropropane	7.327	77	886887	98.674	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	1068538	100.746	ug/l	98
33) Carbon Tetrachloride	8.209	117	1014551	102.335	ug/l	100
34) Benzene	8.461	78	2378938	99.883	ug/l #	95
35) Methacrylonitrile	7.640	41	280232	97.474	ug/l	96
36) 1,2-Dichloroethane	8.531	62	771676	96.231	ug/l	98
37) Trichloroethene	9.217	130	776833	101.478	ug/l	93
38) Methylcyclohexane	9.462	83	1040630	103.655	ug/l	97
39) 1,2-Dichloropropane	9.491	63	555587	99.115	ug/l	97
40) Dibromomethane	9.580	93	461637	100.235	ug/l	91
41) Bromodichloromethane	9.765	83	902255	101.370	ug/l	96
42) Vinyl Acetate	6.434	43	5611891	523.985	ug/l	97

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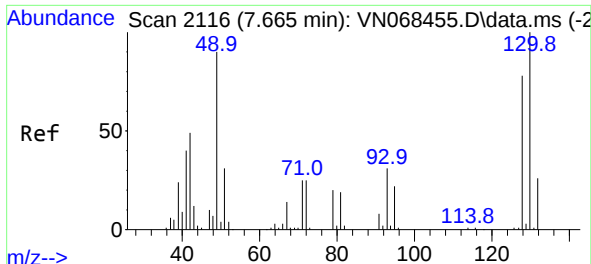
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/14/2021

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	622137	96.195	ug/l #	78
44) Isopropyl Acetate	8.560	43	1070504	99.657	ug/l	98
45) 1,4-Dioxane	9.569	88	224070	2058.929	ug/l	95
46) Methyl methacrylate	9.561	41	454937	104.504	ug/l	96
47) n-amyl Acetate	12.390	43	832896	110.209	ug/l	97
48) t-1,3-Dichloropropene	10.719	75	945600	104.927	ug/l	100
49) cis-1,3-Dichloropropene	10.191	75	995953	102.829	ug/l	96
50) 1,1,2-Trichloroethane	10.902	97	669470	100.587	ug/l	97
51) Ethyl methacrylate	10.762	69	912078	106.731	ug/l	99
52) 1,3-Dichloropropane	11.047	76	997132	100.744	ug/l	99
53) Dibromochloromethane	11.240	129	867785	106.032	ug/l	100
54) 1,2-Dibromoethane	11.347	107	738025	103.394	ug/l	99
55) 2-Chloroethyl vinyl ether	10.044	63	905498	625.900	ug/l	99
56) Bromoform	12.460	173	738243	112.302	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	3232676	493.581	ug/l	96
59) 2-Hexanone	11.087	43	2264457	498.872	ug/l	96
61) Tetrachloroethene	10.980	164	804246	100.534	ug/l	96
62) Toluene	10.507	91	2882033	98.421	ug/l	99
64) Chlorobenzene	11.773	112	1950662	101.002	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.843	131	806878	102.370	ug/l	100
66) Ethyl Benzene	11.846	91	3250560	102.140	ug/l	99
67) m/p-Xylenes	11.956	106	2684905	204.671	ug/l	98
68) o-Xylene	12.283	106	1340087	103.467	ug/l	96
69) Styrene	12.296	104	2162788	105.309	ug/l	98
70) Isopropylbenzene	12.581	105	3420195	104.005	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.830	83	894655	99.947	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	746972m	103.795	ug/l	
73) Bromobenzene	12.862	156	991067	106.164	ug/l	91
74) n-propylbenzene	12.924	91	3668743	103.449	ug/l	98
75) 2-Chlorotoluene	13.010	91	2171037	101.719	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	2846468	103.674	ug/l	99
77) t-1,4-Dichloro-2-butene	12.629	75	268096	109.028	ug/l	97
78) 4-Chlorotoluene	13.106	91	2110996	103.061	ug/l	98
79) tert-butylbenzene	13.326	119	2657571	105.359	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	2790978m	86.991	ug/l	
81) sec-Butylbenzene	13.503	105	3515452	105.438	ug/l	98
82) p-Isopropyltoluene	13.619	119	3103479	108.521	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	1739616	107.208	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	1676840	107.874	ug/l	98
85) n-Butylbenzene	13.943	91	2243659	110.300	ug/l	98
86) Hexachloroethane	14.211	117	561027	106.799	ug/l	85
87) 1,2-Dichlorobenzene	13.989	146	1670868	107.156	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	159753	105.543	ug/l	83
89) 1,2,4-Trichlorobenzene	15.265	180	902393	119.779	ug/l	98
90) Hexachlorobutadiene	15.373	225	545465	114.477	ug/l	99
91) Naphthalene	15.507	128	1919794	118.125	ug/l	100
92) 1,2,3-Trichlorobenzene	15.702	180	831352	117.174	ug/l	99

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



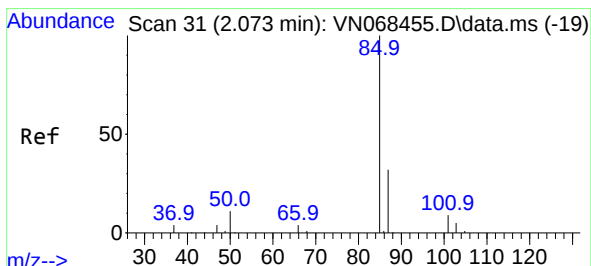
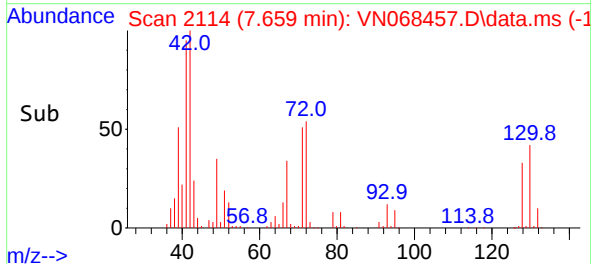
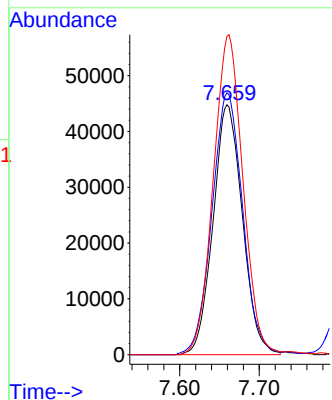
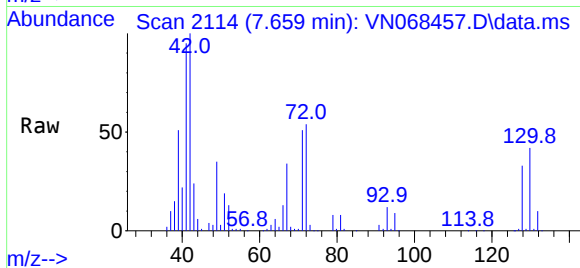
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 11491
Ion Ratio Lower Upper
128 100
49 109.4 0.0 292.5
130 129.1 0.0 325.0

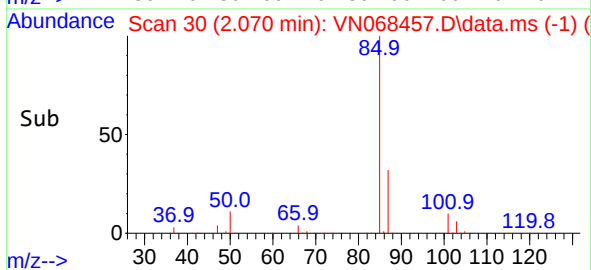
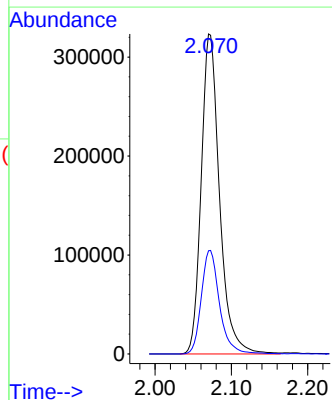
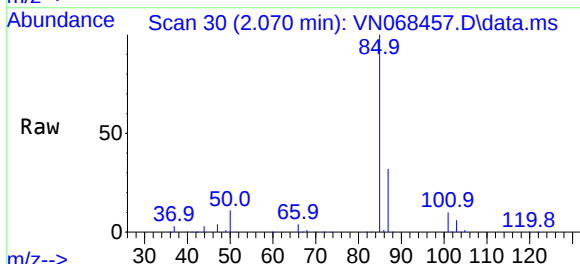
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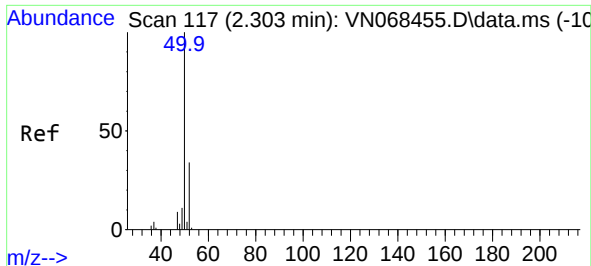
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#2
Dichlorodifluoromethane
Concen: 102.987 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 85 Resp: 539039
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





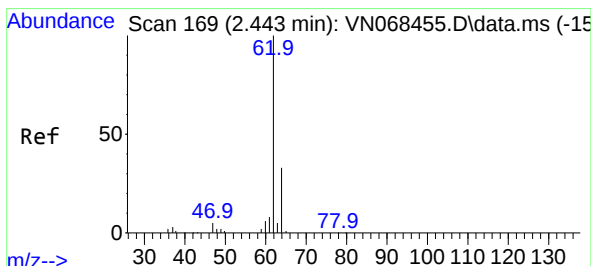
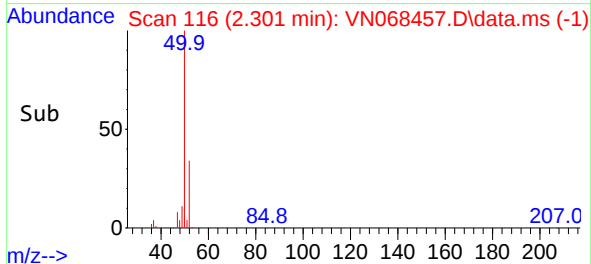
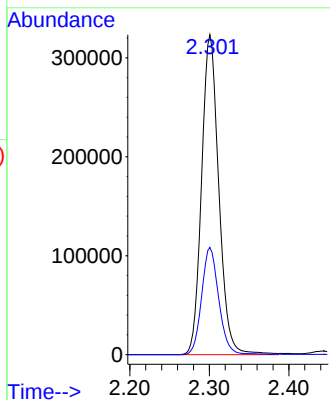
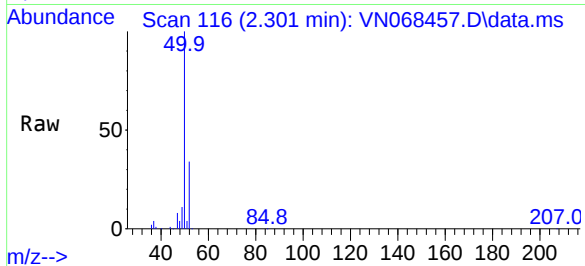
#3
Chloromethane
Concen: 96.134 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 48673
Ion Ratio Lower Upper
50 100
52 33.5 27.0 40.4

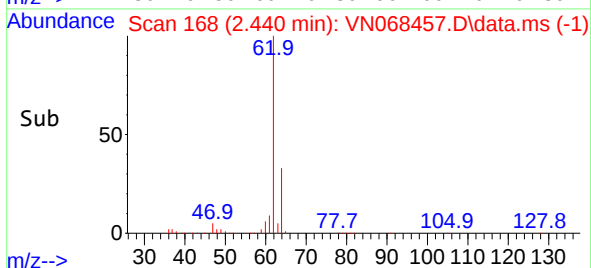
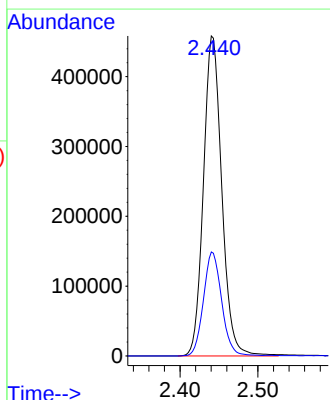
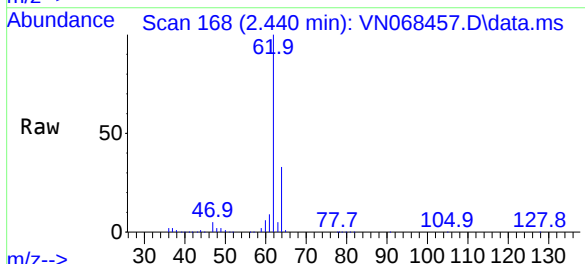
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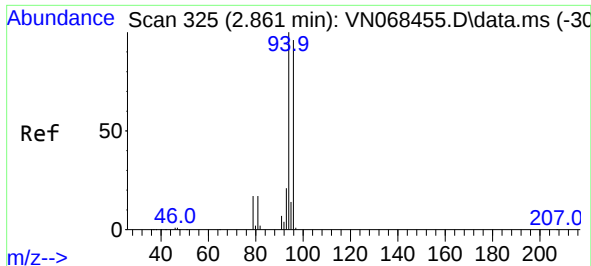
Reviewed By :John Carlone 09/14/2021
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#4
Vinyl Chloride
Concen: 93.681 ug/l
RT: 2.440 min Scan# 168
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

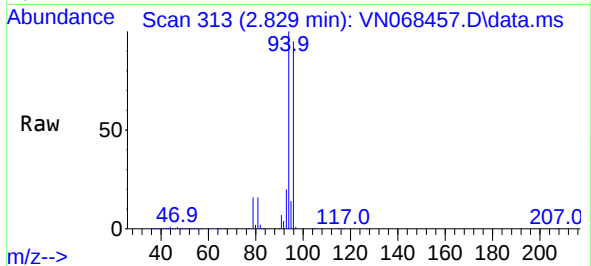
Tgt Ion: 62 Resp: 751750
Ion Ratio Lower Upper
62 100
64 32.5 26.1 39.1





#5
Bromomethane
Concen: 87.828 ug/l
RT: 2.829 min Scan# 313
Delta R.T. -0.032 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

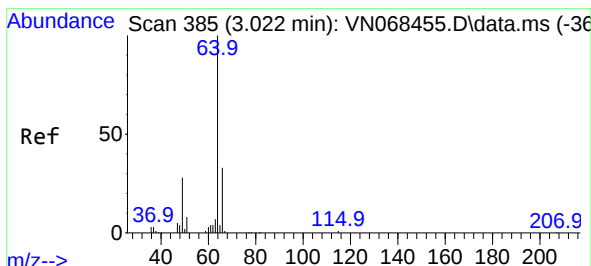
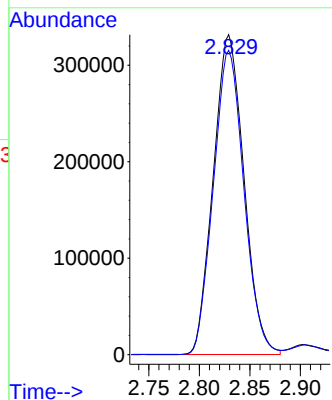
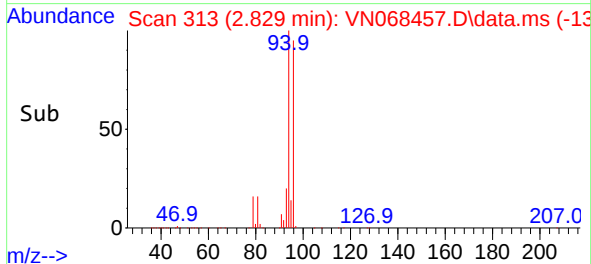
Instrument :
MSVOA_N
ClientSampleId :
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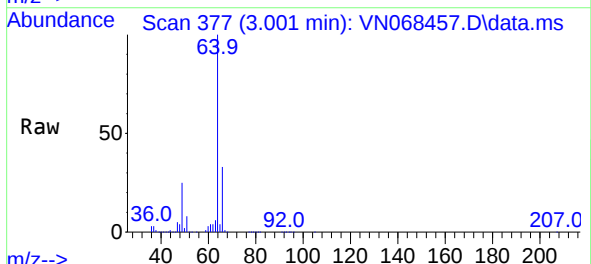
Tgt Ion: 94 Resp: 700050
Ion Ratio Lower Upper
94 100
96 95.1 77.0 115.4

Manual Integrations
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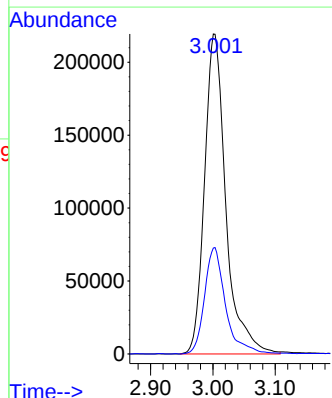
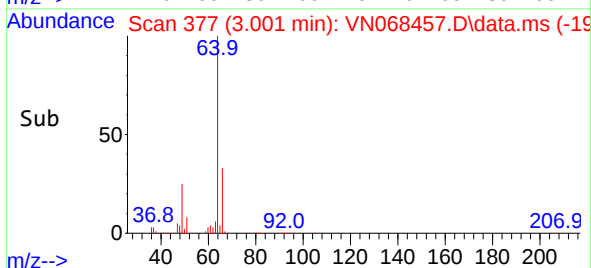
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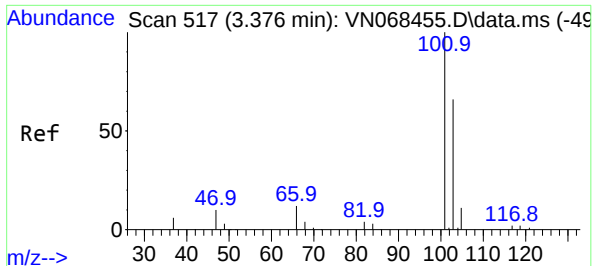


#6
Chloroethane
Concen: 91.057 ug/l
RT: 3.001 min Scan# 377
Delta R.T. -0.021 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion: 64 Resp: 521533
Ion Ratio Lower Upper
64 100
66 33.1 26.3 39.5





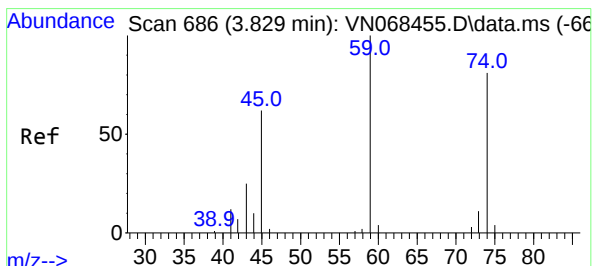
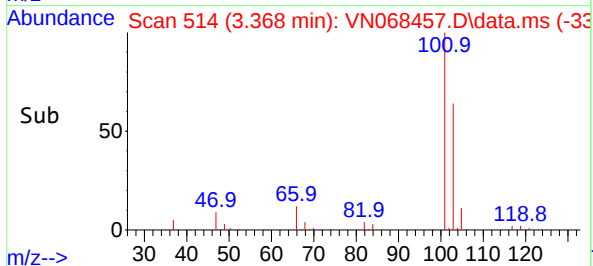
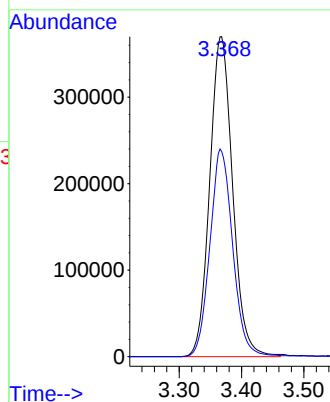
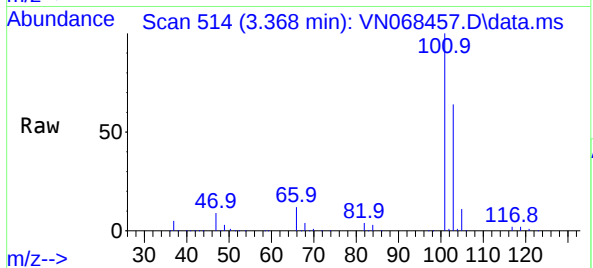
#7
Trichlorofluoromethane
Concen: 95.574 ug/l
RT: 3.368 min Scan# 517
Delta R.T. -0.008 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
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Tgt Ion:101 Resp: 94538
Ion Ratio Lower Upper
101 100
103 64.1 52.4 78.6

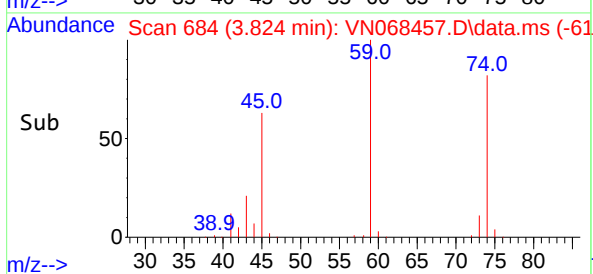
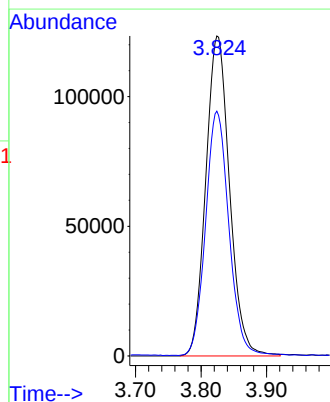
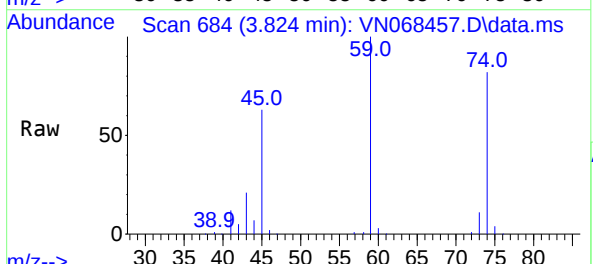
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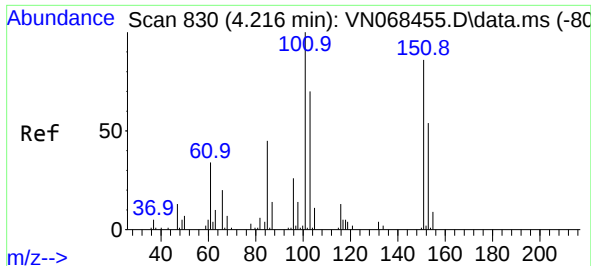
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#8
Diethyl Ether
Concen: 99.436 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 74 Resp: 310231
Ion Ratio Lower Upper
74 100
45 74.8 16.2 146.0





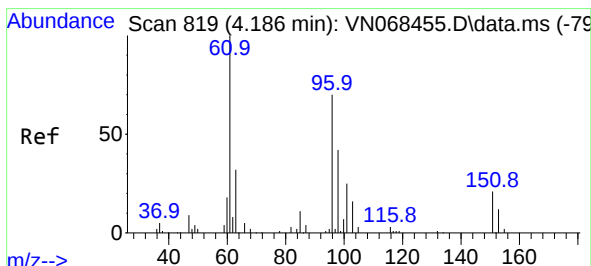
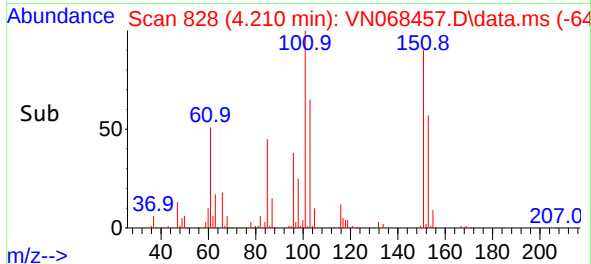
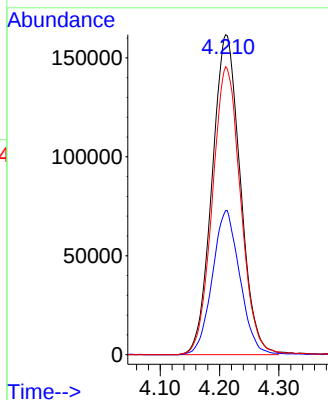
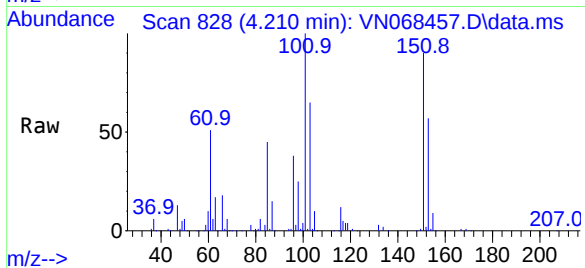
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.793 ug/l
RT: 4.210 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 534090
Ion Ratio Lower Upper
101 100
85 43.9 0.0 89.2
151 90.1 0.0 176.4

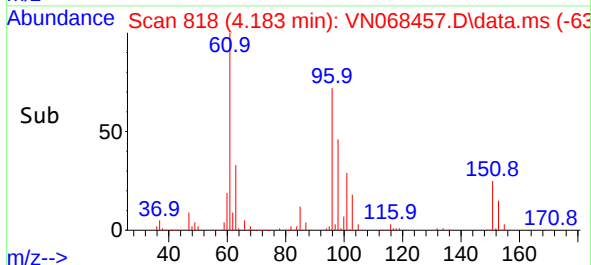
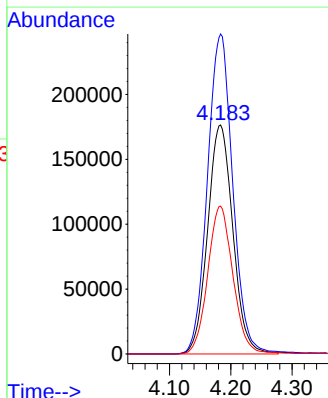
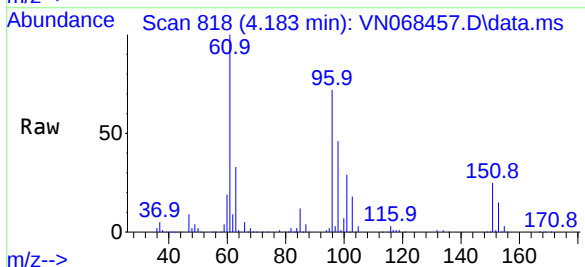
Manual Integrations
APPROVED

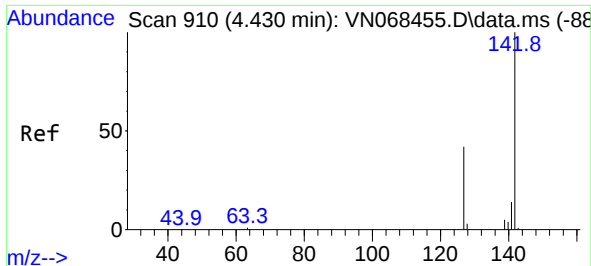
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#10
1,1-Dichloroethene
Concen: 96.584 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

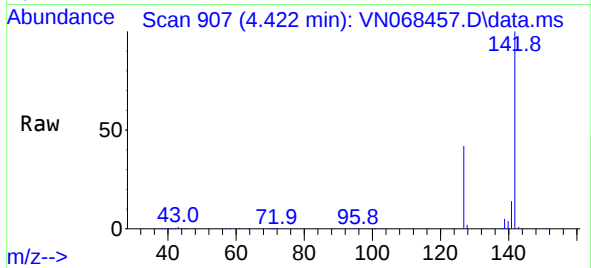
Tgt Ion: 96 Resp: 505770
Ion Ratio Lower Upper
96 100
61 139.6 114.1 171.1
98 64.6 48.3 72.5





#11
Methyl Iodide
Concen: 110.341 ug/l
RT: 4.422 min Scan# 90
Delta R.T. -0.008 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

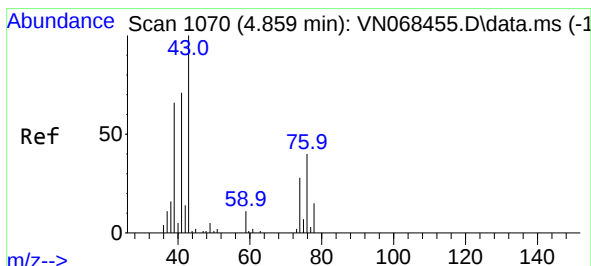
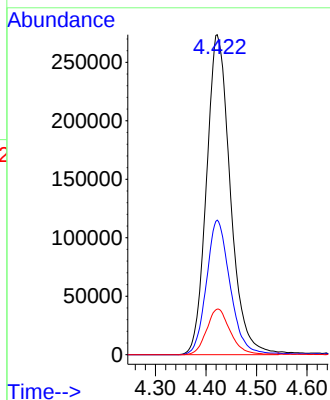
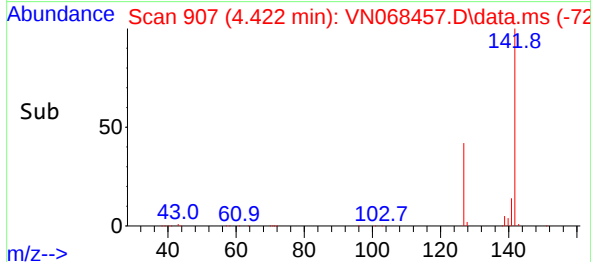
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



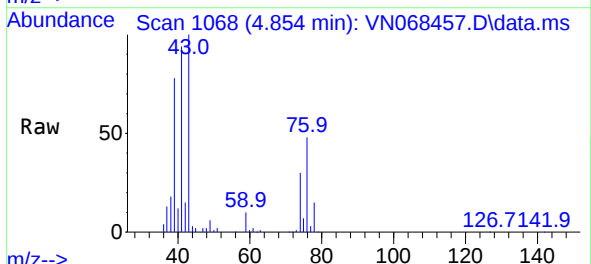
Tgt Ion:142 Resp: 897170
Ion Ratio Lower Upper
142 100
127 42.0 20.9 62.8
141 14.2 6.8 20.3

Manual Integrations
APPROVED

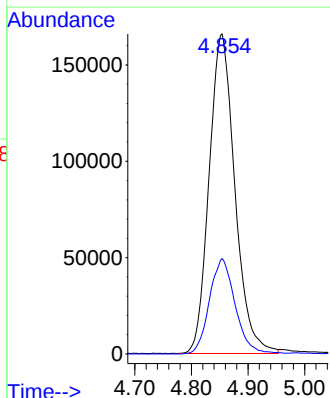
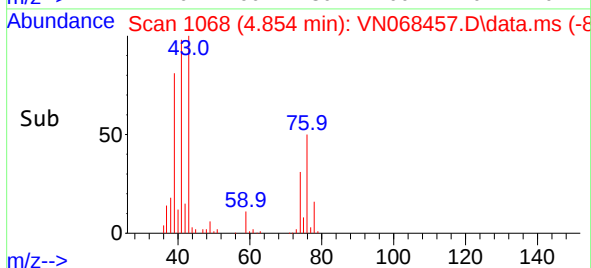
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

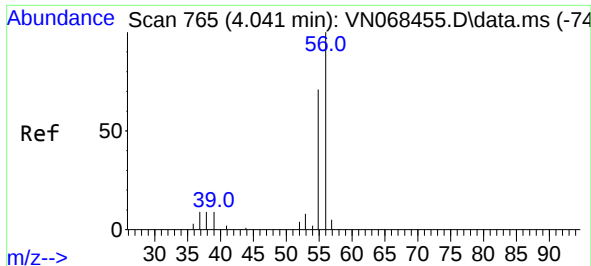


#12
Methyl Acetate
Concen: 96.392 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



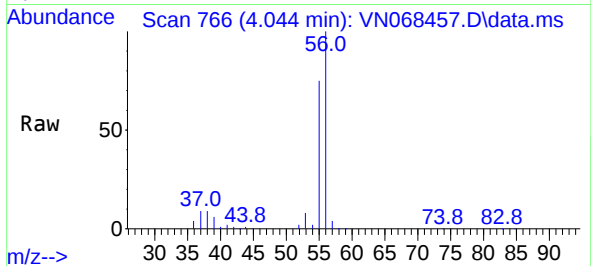
Tgt Ion: 43 Resp: 525392
Ion Ratio Lower Upper
43 100
74 29.8 22.6 34.0





#13
Acrolein
Concen: 456.797 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

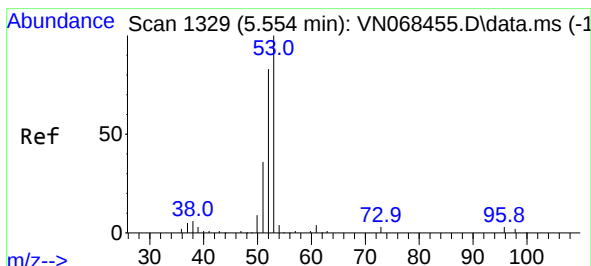
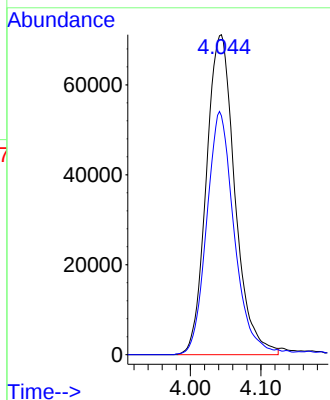
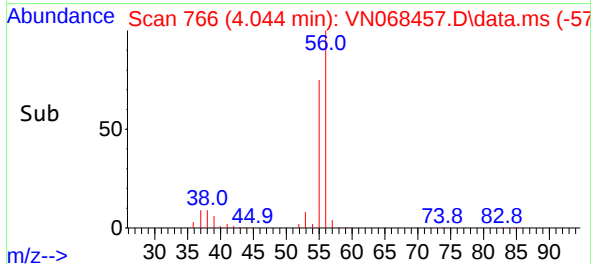
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 20010
Ion Ratio Lower Upper
56 100
55 73.1 57.2 85.8

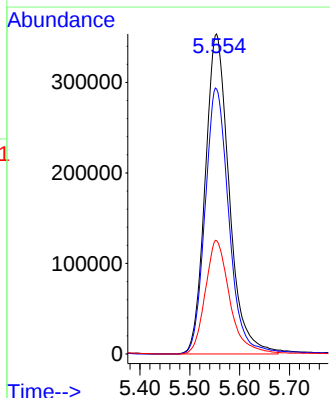
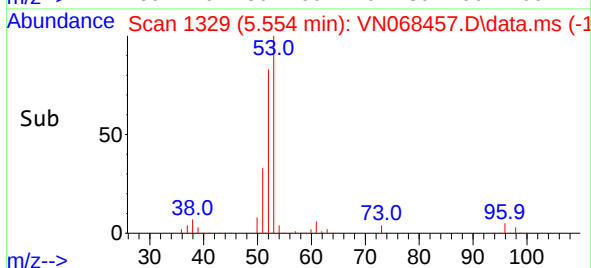
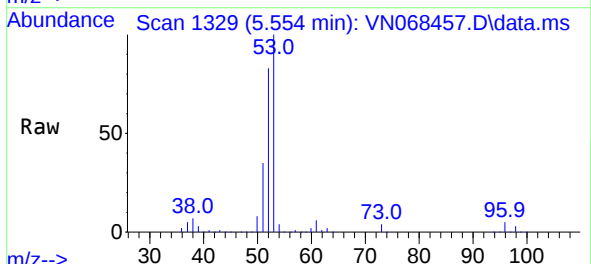
Manual Integrations
APPROVED

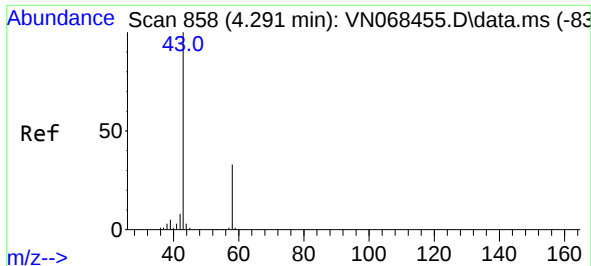
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#14
Acrylonitrile
Concen: 500.884 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

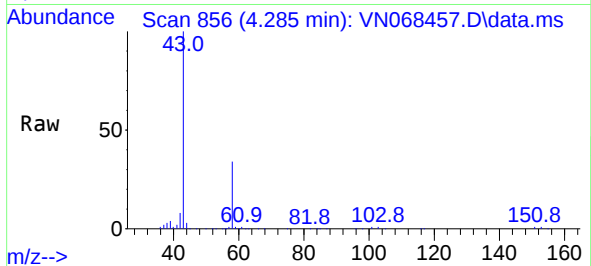
Tgt Ion: 53 Resp: 1182274
Ion Ratio Lower Upper
53 100
52 82.5 41.5 124.5
51 36.3 17.9 53.7





#15
Acetone
Concen: 474.556 ug/l
RT: 4.285 min Scan# 858
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

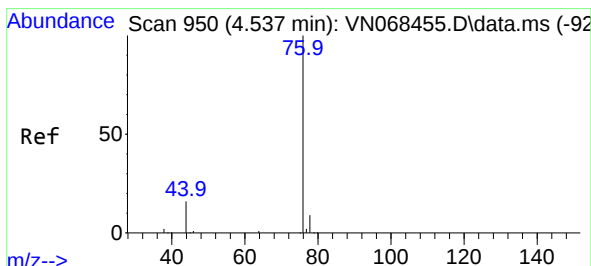
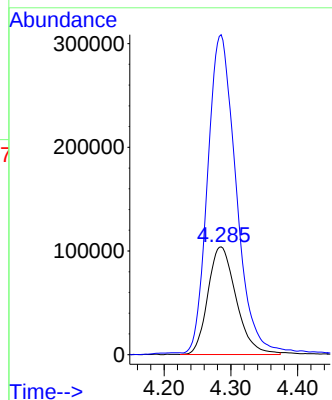
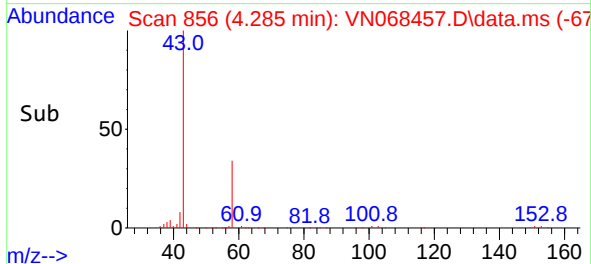
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



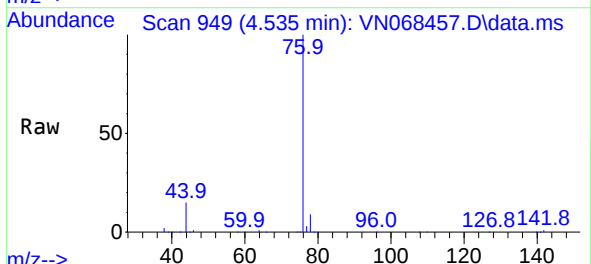
Tgt Ion: 58 Resp: 305258
Ion Ratio Lower Upper
58 100
43 295.7 239.9 359.9

Manual Integrations
APPROVED

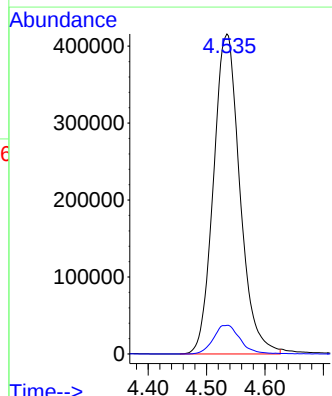
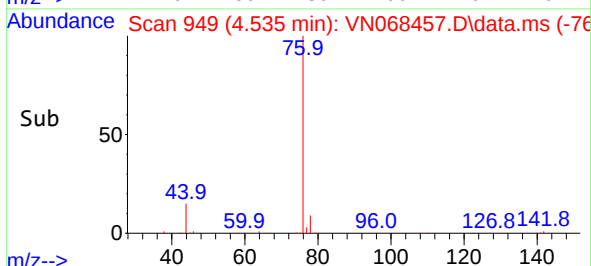
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

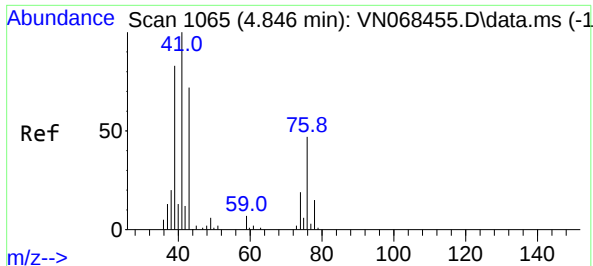


#16
Carbon Disulfide
Concen: 96.676 ug/l
RT: 4.535 min Scan# 949
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



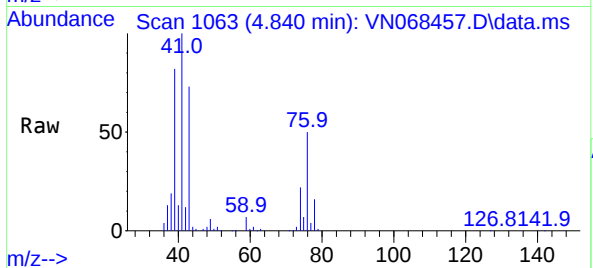
Tgt Ion: 76 Resp: 1306515
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3





Allyl chloride
Concen: 99.890 ug/l
RT: 4.840 min Scan# 1065
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

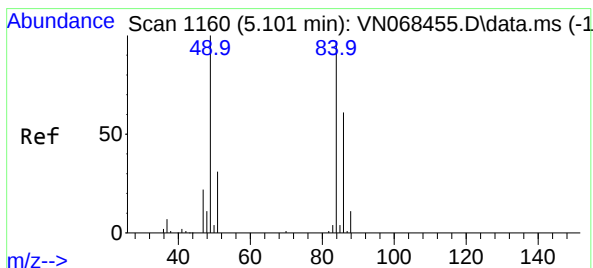
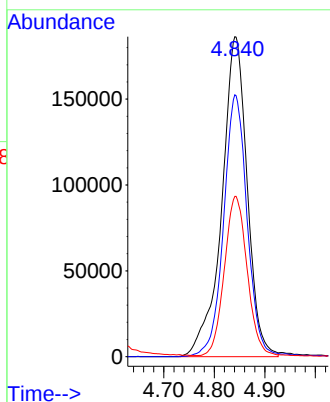
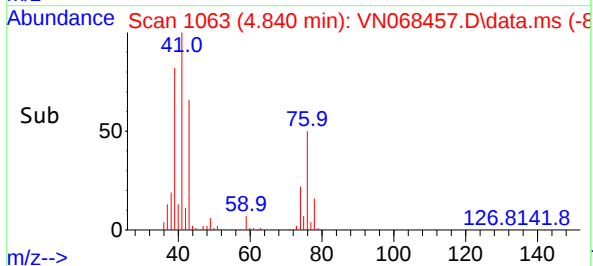
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 653149
Ion Ratio Lower Upper
41 100
39 81.9 41.5 124.5
76 49.5 23.6 71.0

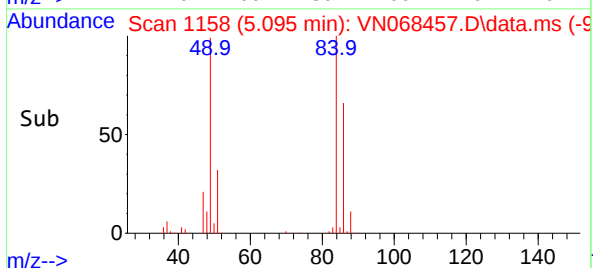
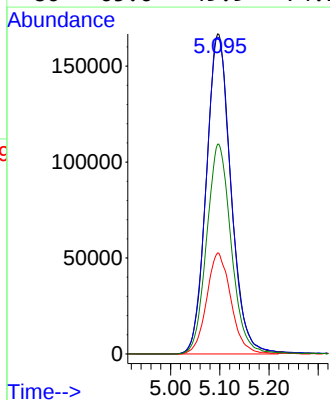
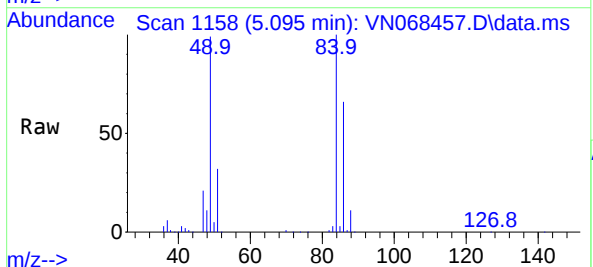
Manual Integrations
APPROVED

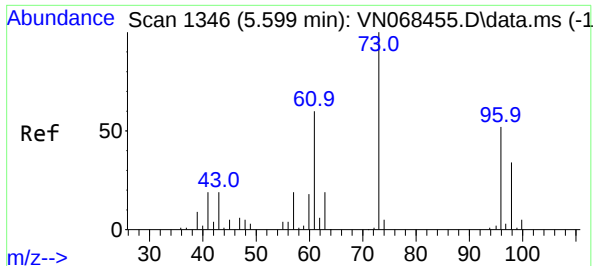
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



Methylene Chloride
Concen: 92.592 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

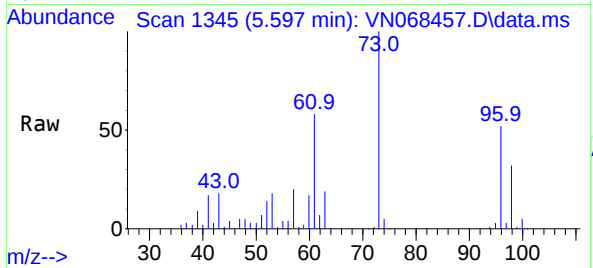
Tgt Ion: 84 Resp: 580422
Ion Ratio Lower Upper
84 100
49 98.9 82.4 123.6
51 31.6 25.9 38.9
86 65.6 49.9 74.9





#19
trans-1,2-Dichloroethene
Concen: 99.895 ug/l
RT: 5.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

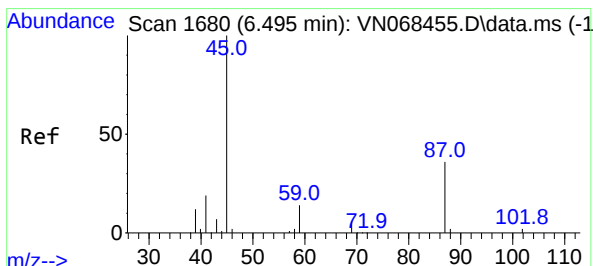
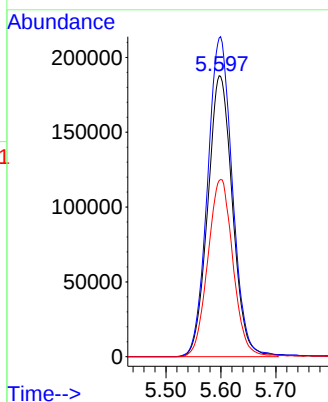
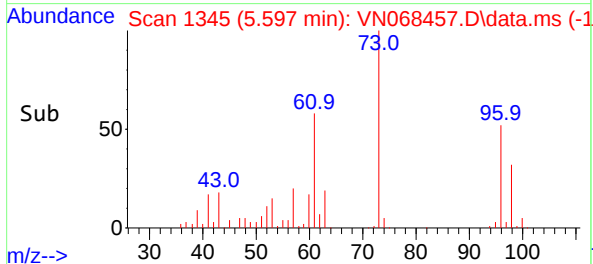
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



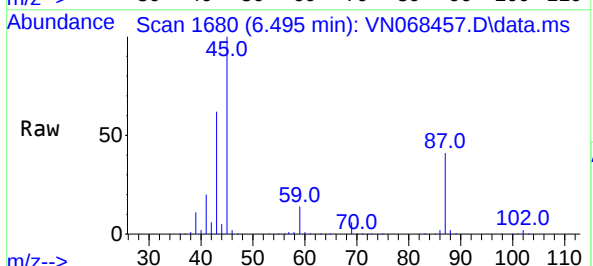
Tgt Ion: 96 Resp: 58690
Ion Ratio Lower Upper
96 100
61 113.3 92.5 138.7
98 62.7 51.7 77.5

Manual Integrations
APPROVED

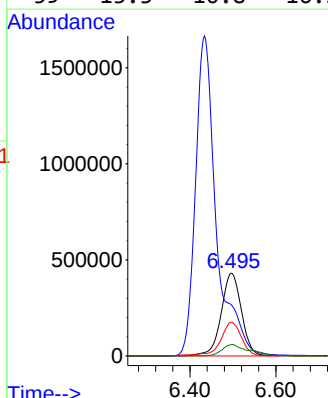
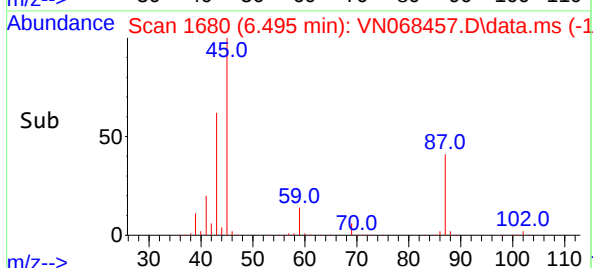
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

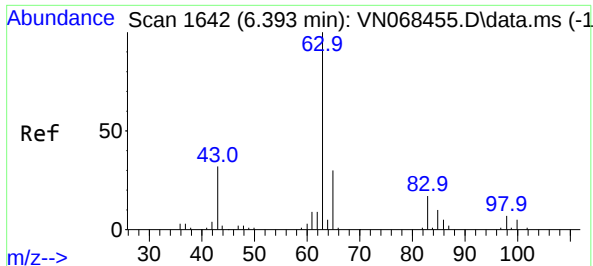


#20
Diisopropyl ether
Concen: 97.612 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion: 45 Resp: 1415742
Ion Ratio Lower Upper
45 100
43 61.0 52.2 78.2
87 40.6 29.8 44.8
59 13.3 10.8 16.2





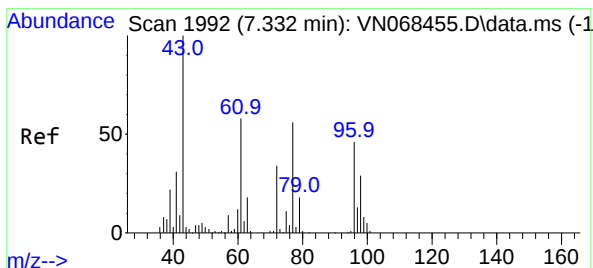
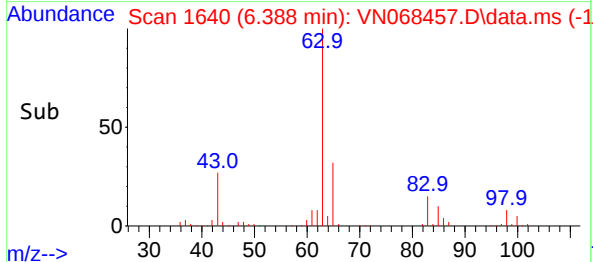
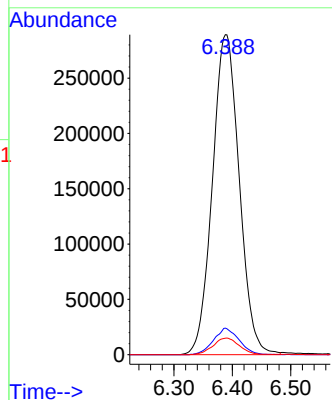
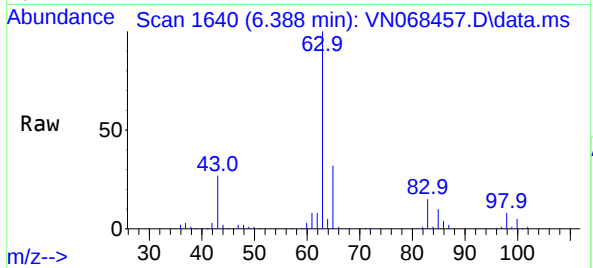
#21
1,1-Dichloroethane
Concen: 95.784 ug/l
RT: 6.388 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 923300
Ion Ratio Lower Upper
63 100
98 8.3 3.5 10.4
100 5.2 2.5 7.5

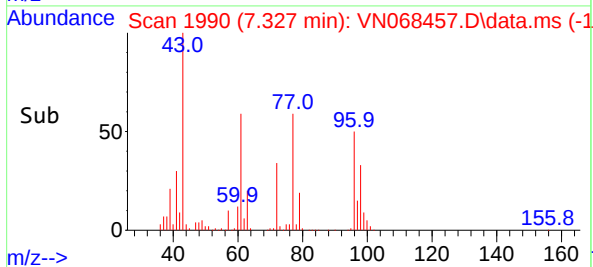
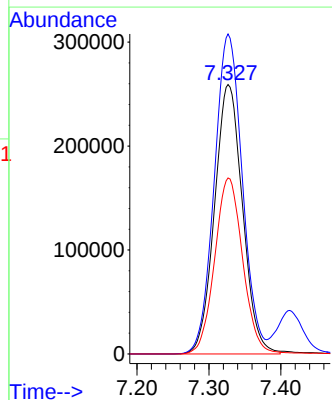
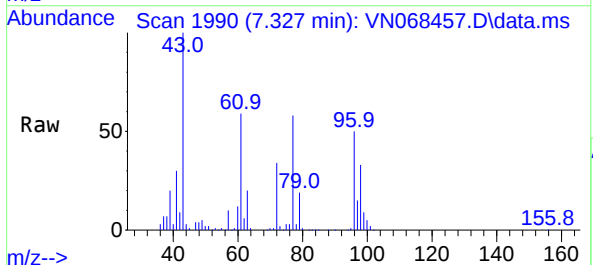
Manual Integrations
APPROVED

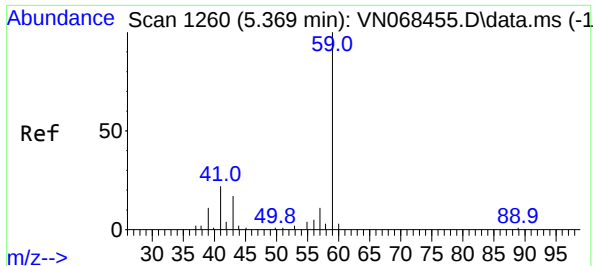
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#22
cis-1,2-Dichloroethene
Concen: 99.387 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

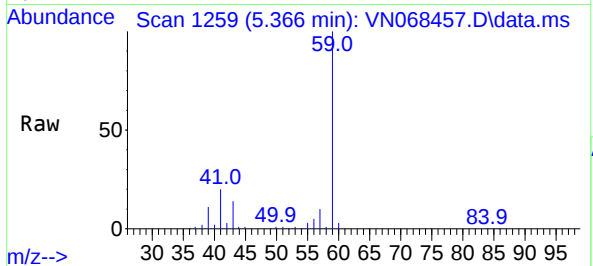
Tgt Ion: 96 Resp: 700841
Ion Ratio Lower Upper
96 100
61 119.0 102.3 153.5
98 65.4 52.3 78.5





#23
tert-Butyl Alcohol
Concen: 472.936 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

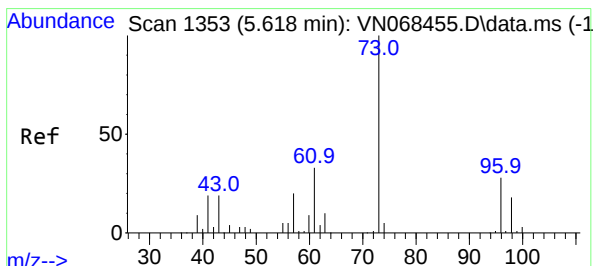
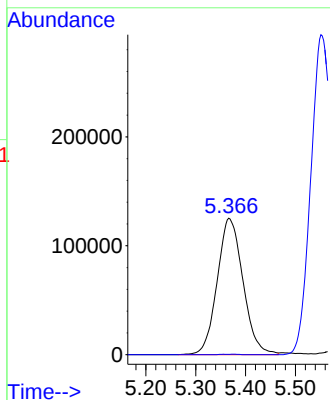
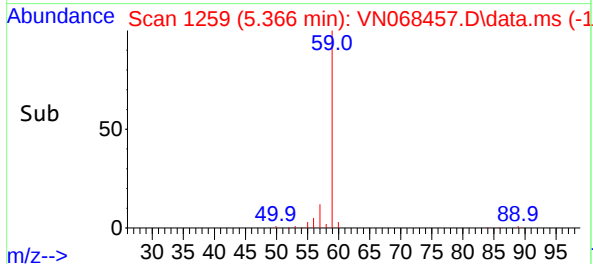
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



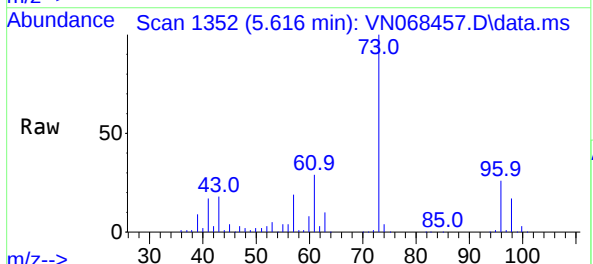
Tgt Ion: 59 Resp: 451112
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

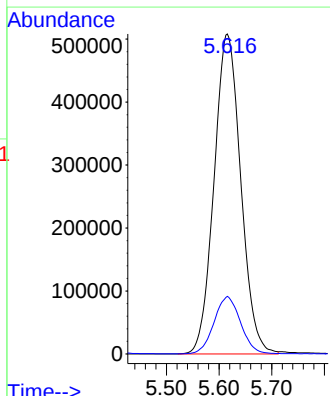
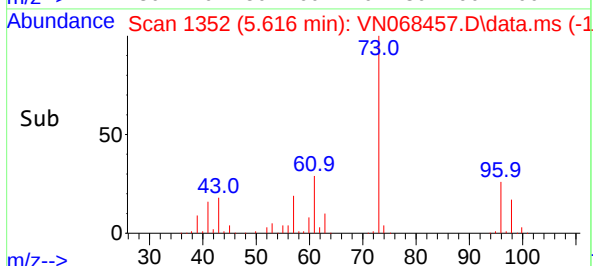
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

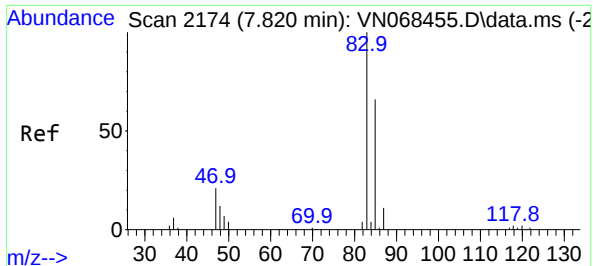


#24
Methyl tert-Butyl Ether
Concen: 100.508 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



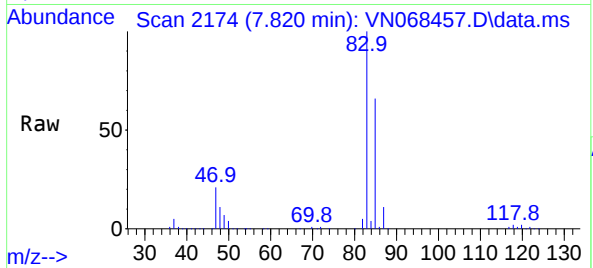
Tgt Ion: 73 Resp: 1792173
Ion Ratio Lower Upper
73 100
43 17.7 14.9 22.3





#25
Chloroform
Concen: 95.884 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

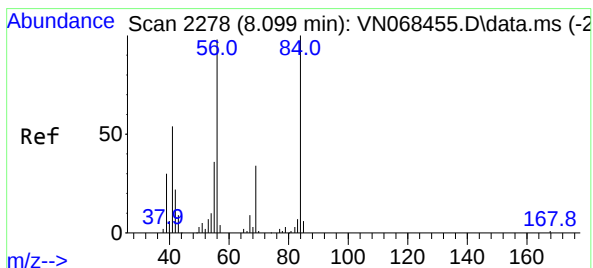
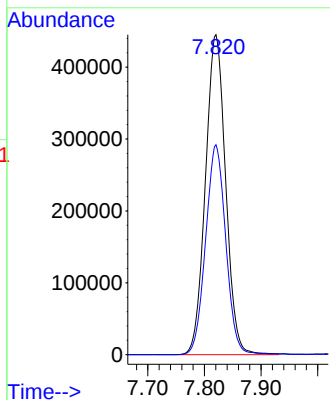
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



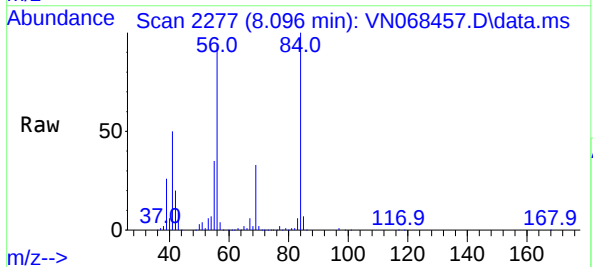
Tgt Ion: 83 Resp: 110614
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8

Manual Integrations
APPROVED

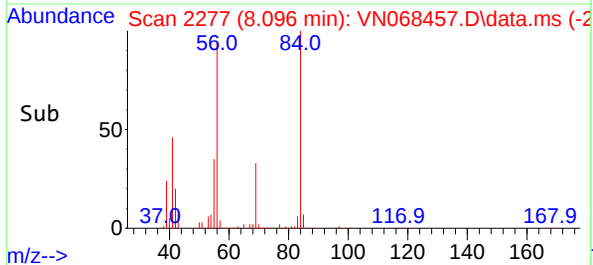
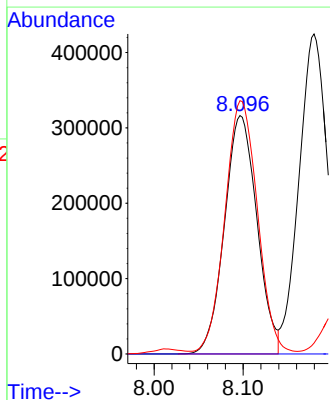
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

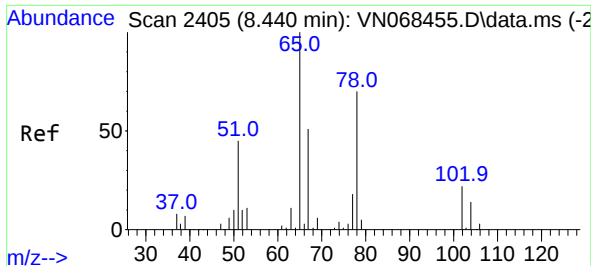


#26
Cyclohexane
Concen: 98.574 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion: 56 Resp: 803336
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 106.9 82.8 124.2





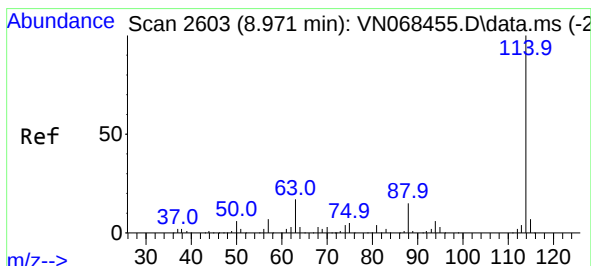
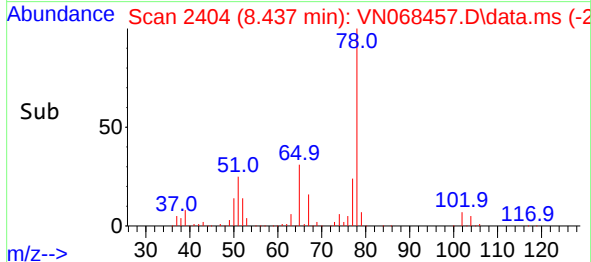
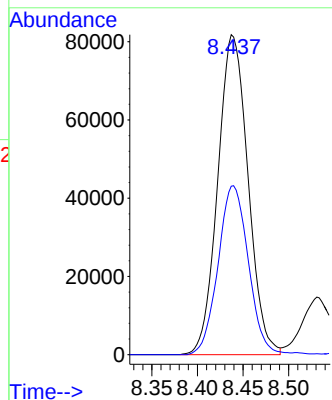
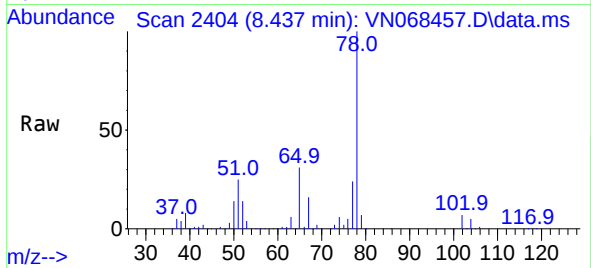
#27
1,2-Dichloroethane-d4
Concen: 27.842 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 188940
Ion Ratio Lower Upper
65 100
67 52.7 41.8 62.8

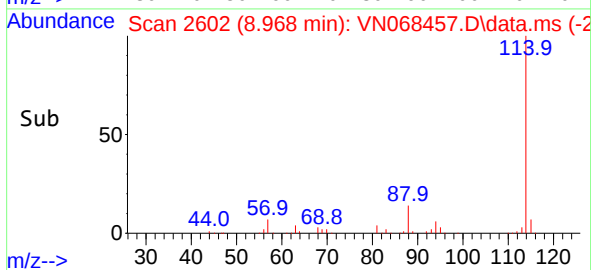
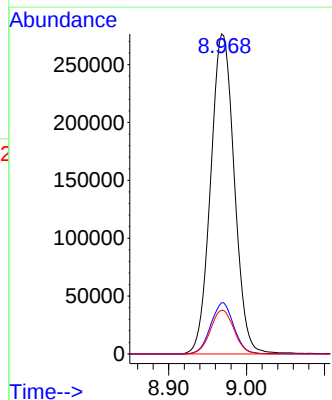
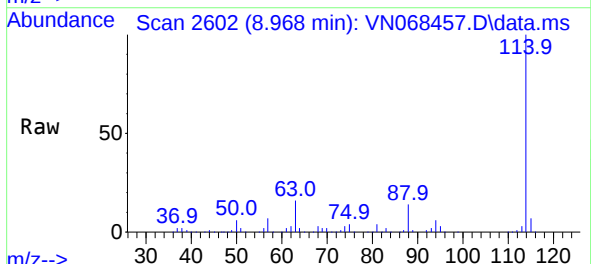
Manual Integrations
APPROVED

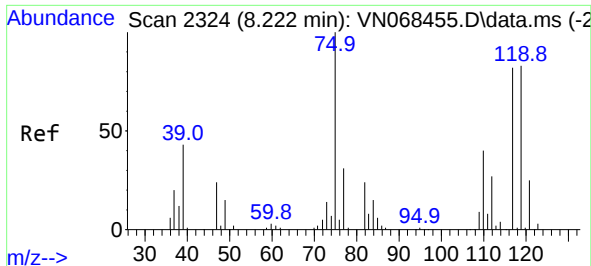
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion:114 Resp: 582932
Ion Ratio Lower Upper
114 100
63 15.7 13.4 20.0
88 13.6 11.1 16.7





#29
1,1-Dichloropropene
Concen: 100.615 ug/l
RT: 8.222 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :

MSVOA_N

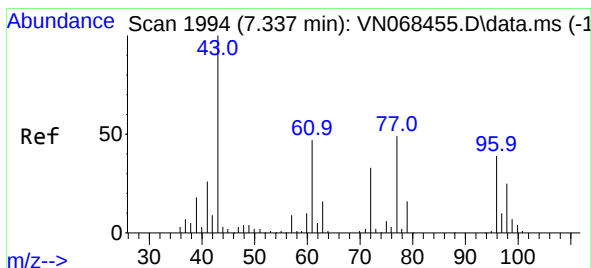
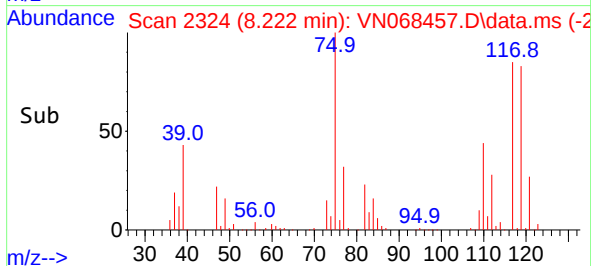
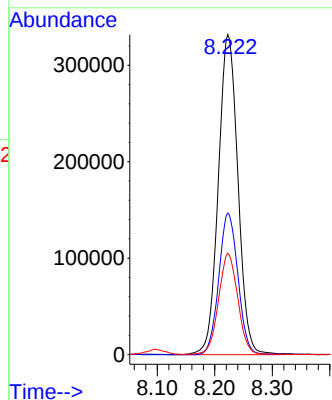
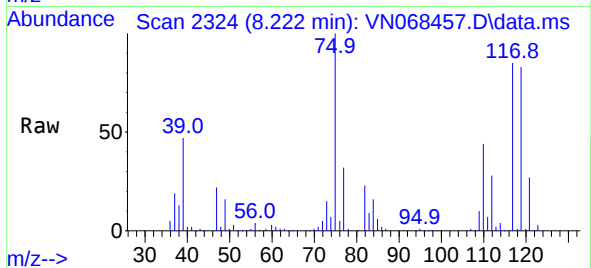
ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 785830
Ion Ratio Lower Upper
75 100
110 43.1 0.0 82.2
77 30.8 0.0 60.0

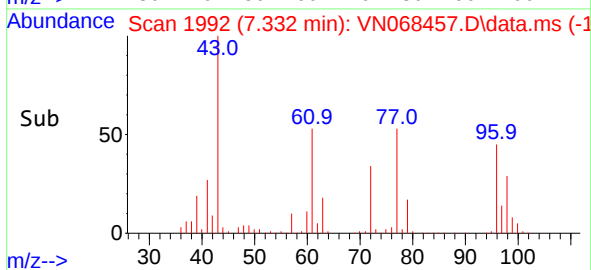
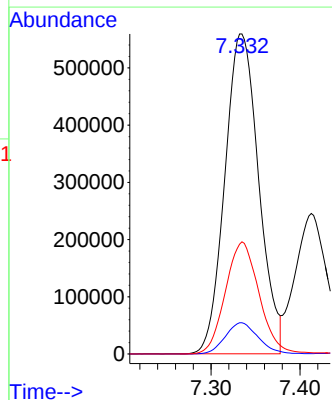
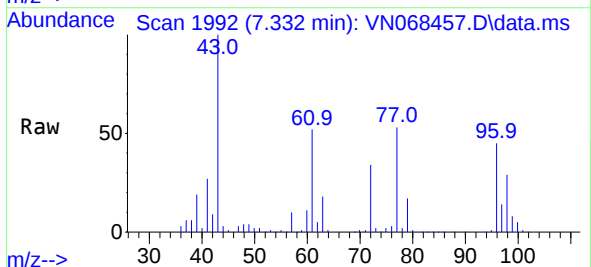
Manual Integrations
APPROVED

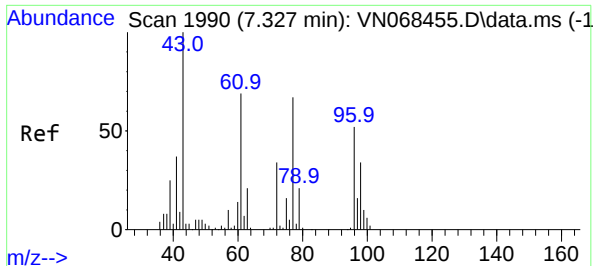
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#30
2-Butanone
Concen: 496.519 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.005 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 43 Resp: 1480110
Ion Ratio Lower Upper
43 100
57 9.5 3.2 4.8#
72 34.9 26.6 39.8





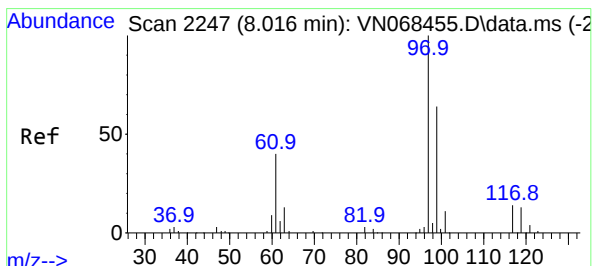
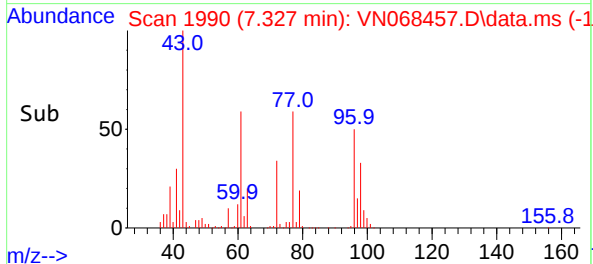
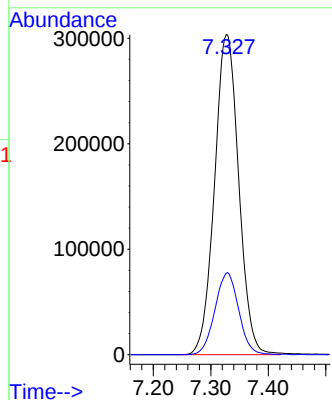
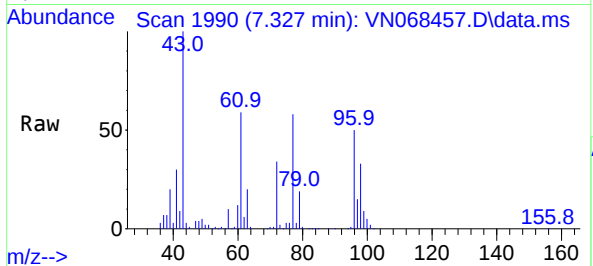
#31
2,2-Dichloropropane
Concen: 98.674 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 88688
Ion Ratio Lower Upper
77 100
97 25.1 18.6 28.0

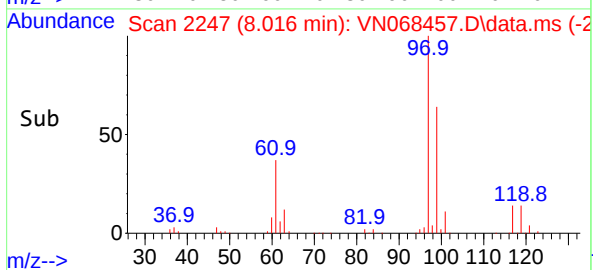
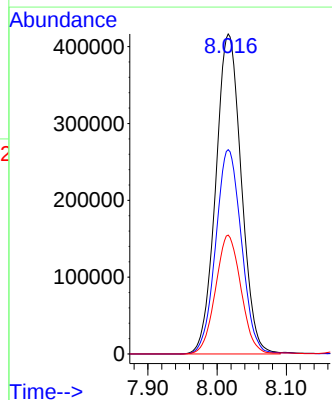
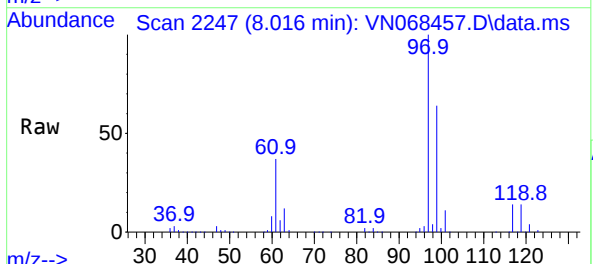
Manual Integrations
APPROVED

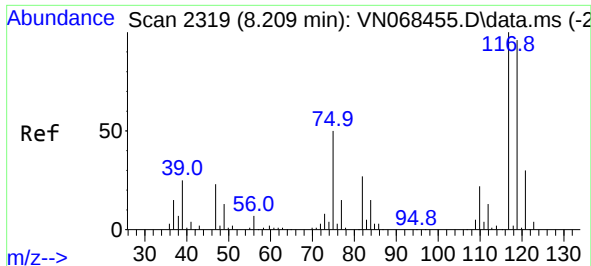
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#32
1,1,1-Trichloroethane
Concen: 100.746 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

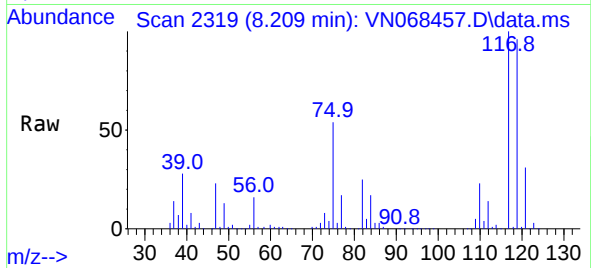
Tgt Ion: 97 Resp: 1068538
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 37.0 31.4 47.0





#33
Carbon Tetrachloride
Concen: 102.335 ug/l
RT: 8.209 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

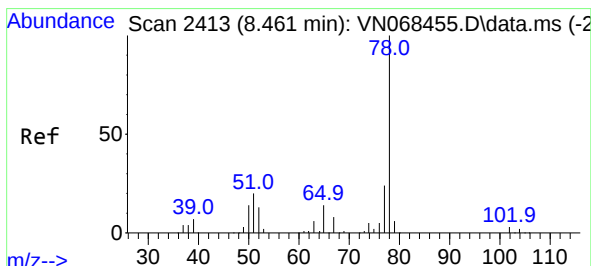
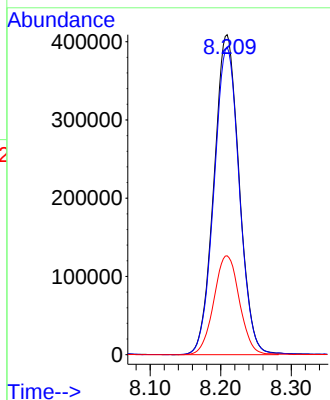
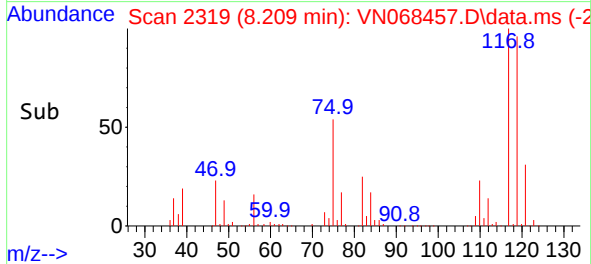
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



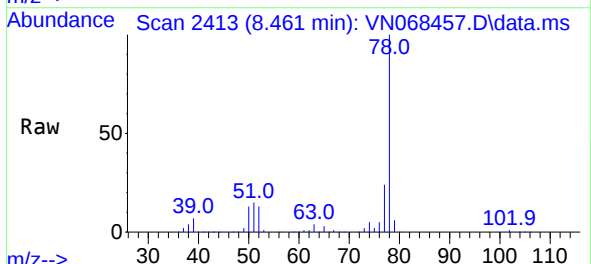
Tgt Ion:117 Resp: 101455
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 30.9 24.4 36.6

Manual Integrations
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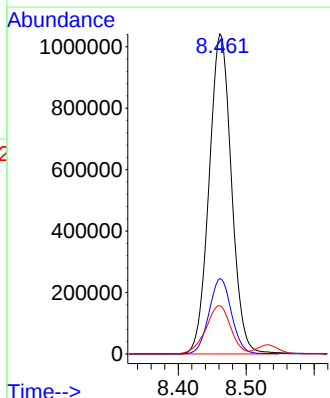
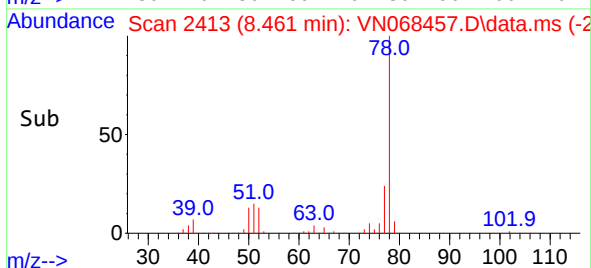
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

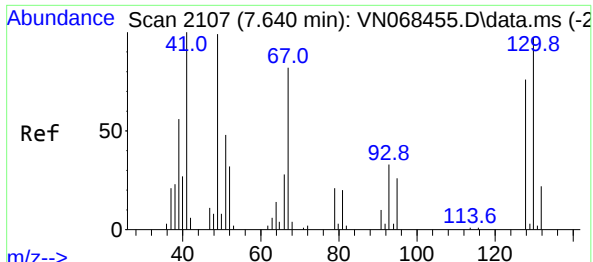


#34
Benzene
Concen: 99.883 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion: 78 Resp: 2378938
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8
51 15.0 15.8 23.6#





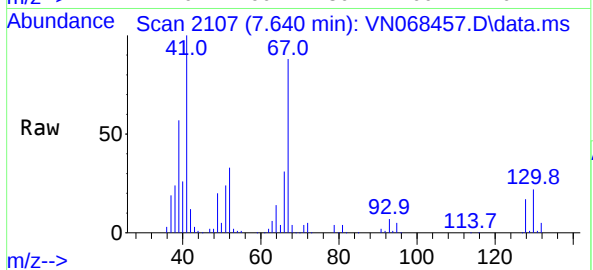
#35
Methacrylonitrile
Concen: 97.474 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

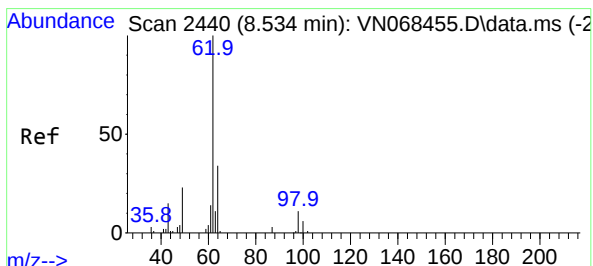
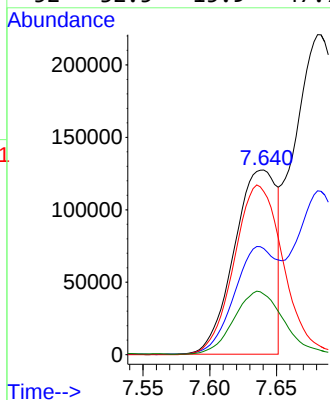
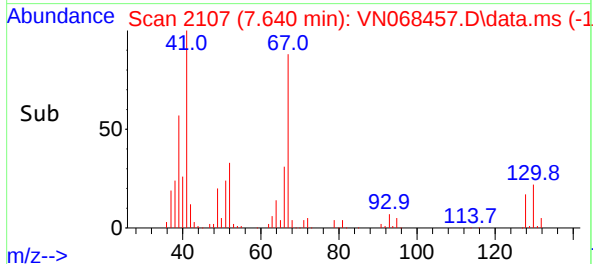


Tgt Ion: 41 Resp: 28023
Ion Ratio Lower Upper
41 100
39 57.3 28.2 84.6
67 88.6 40.8 122.5
52 32.5 15.9 47.7

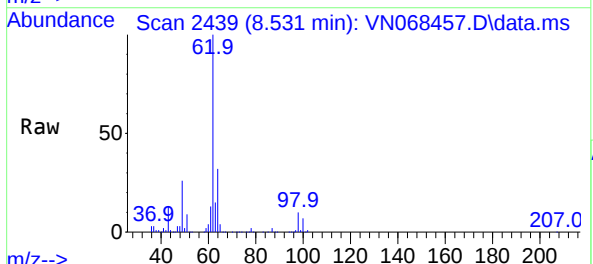
Manual Integrations

APPROVED

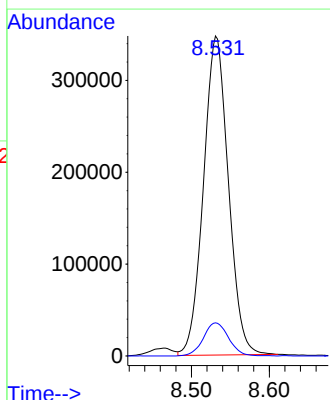
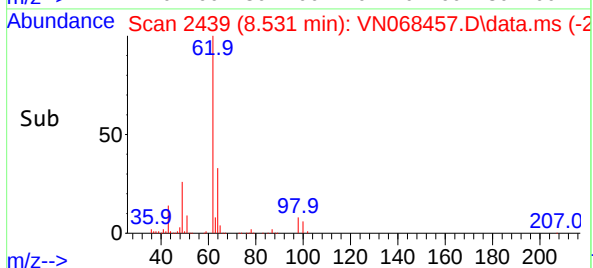
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

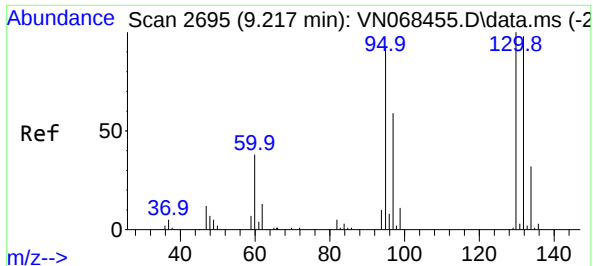


#36
1,2-Dichloroethane
Concen: 96.231 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion: 62 Resp: 771676
Ion Ratio Lower Upper
62 100
98 10.6 7.8 11.8





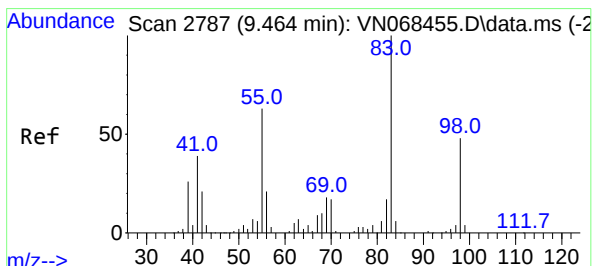
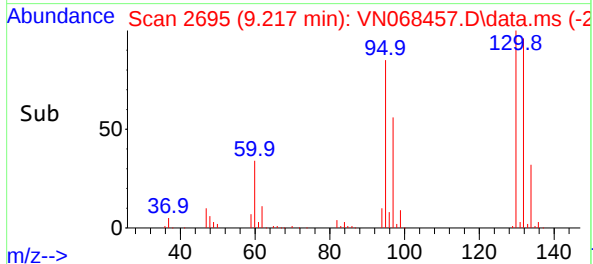
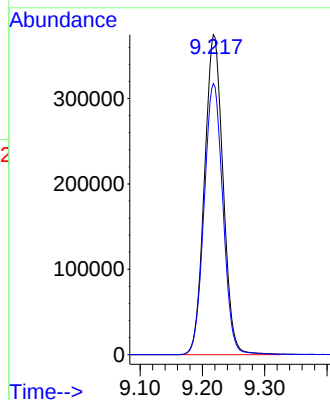
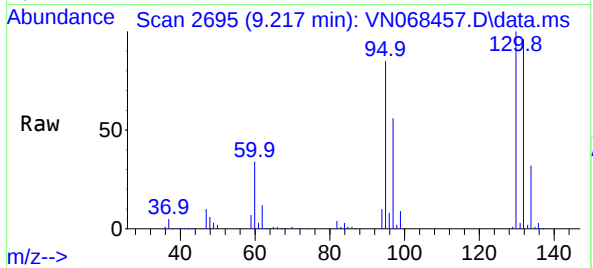
#37
Trichloroethene
Concen: 101.478 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 77683
Ion Ratio Lower Upper
130 100
95 84.6 73.4 110.0

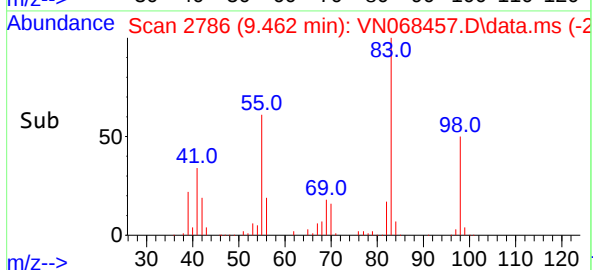
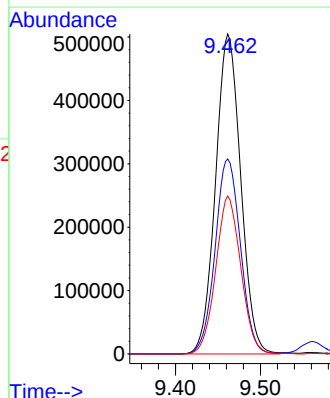
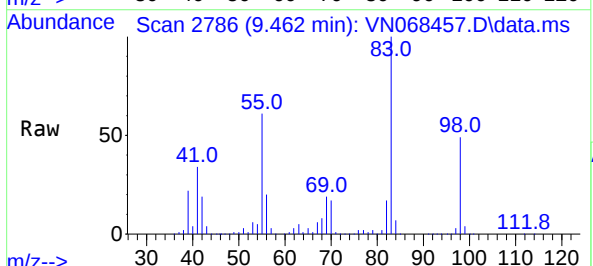
Manual Integrations
APPROVED

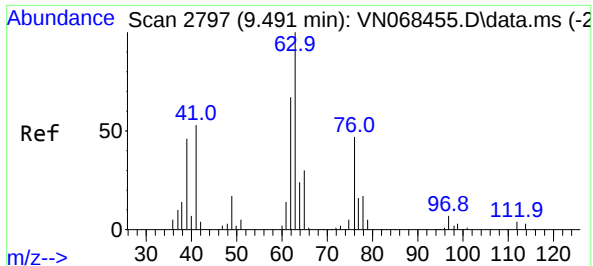
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#38
Methylcyclohexane
Concen: 103.655 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 83 Resp: 1040630
Ion Ratio Lower Upper
83 100
55 61.4 32.1 96.3
98 49.2 24.0 72.0





#39

1,2-Dichloropropane

Concen: 99.115 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN068457.D

Acq: 13 Sep 2021 14:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 55558

Ion Ratio Lower Upper

63 100

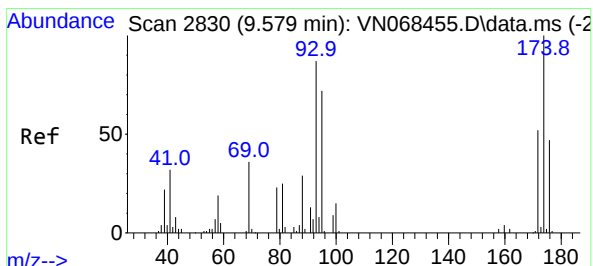
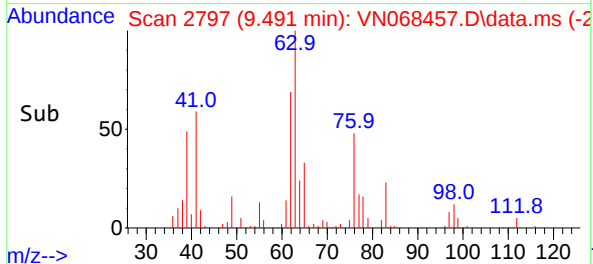
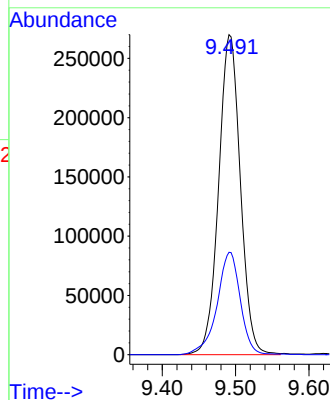
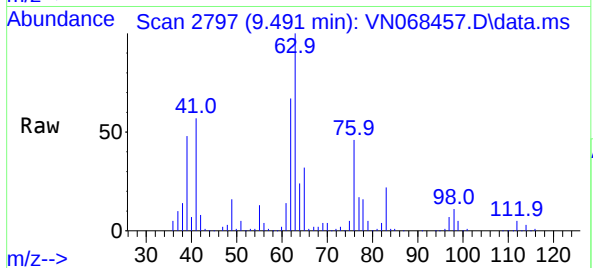
65 31.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#40

Dibromomethane

Concen: 100.235 ug/l

RT: 9.580 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN068457.D

Acq: 13 Sep 2021 14:55

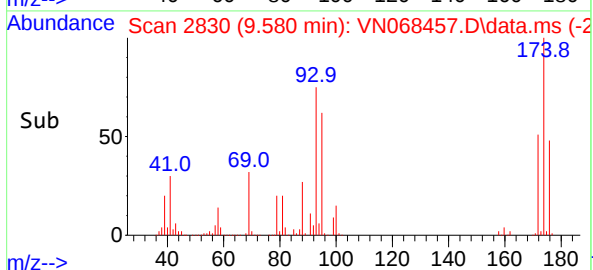
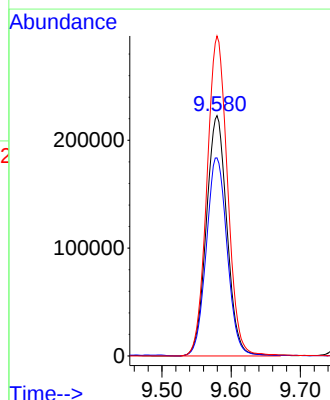
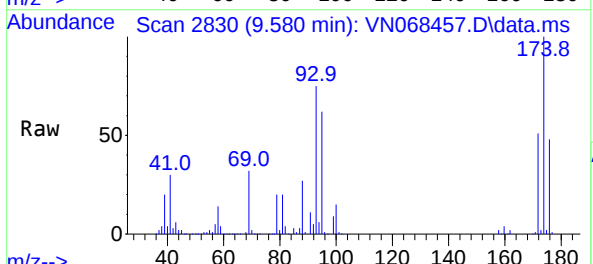
Tgt Ion: 93 Resp: 461637

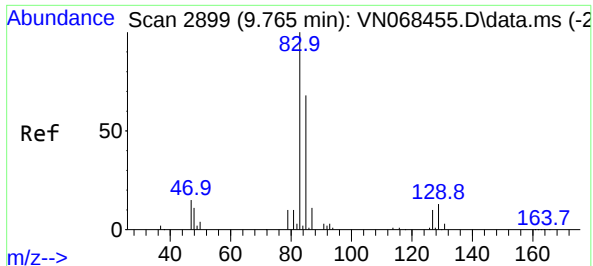
Ion Ratio Lower Upper

93 100

95 83.7 0.0 165.2

174 132.3 0.0 231.8





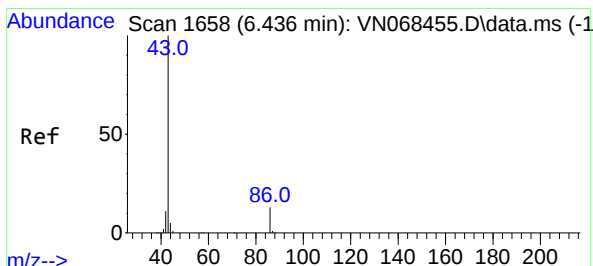
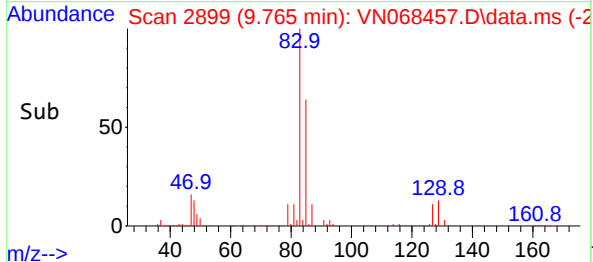
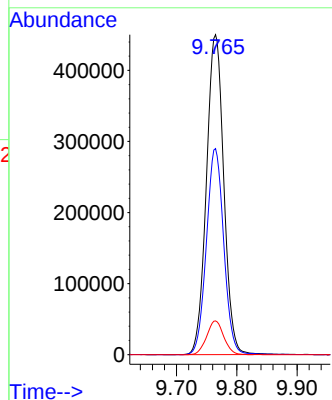
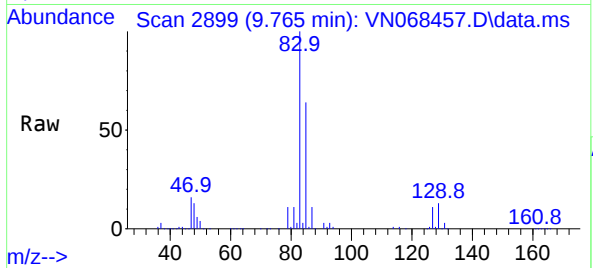
#41
Bromodichloromethane
Concen: 101.370 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 90225
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 10.6 8.8 13.2

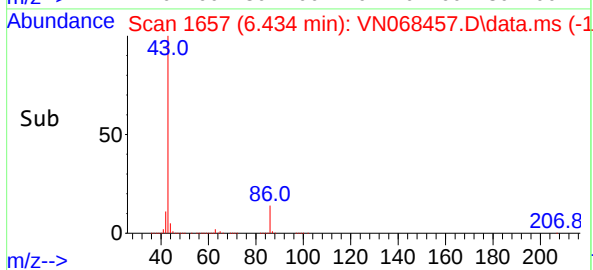
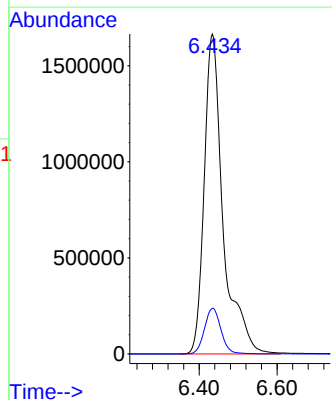
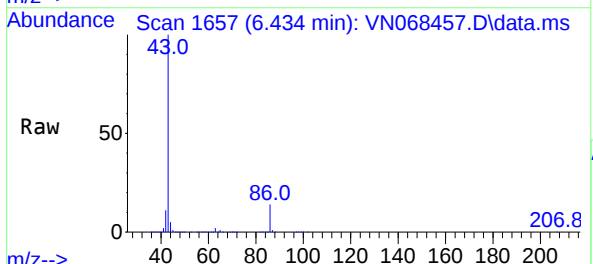
Manual Integrations
APPROVED

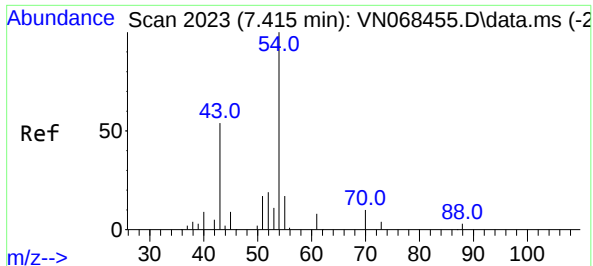
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#42
Vinyl Acetate
Concen: 523.985 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 43 Resp: 5611891
Ion Ratio Lower Upper
43 100
86 12.4 9.0 13.6





#43

Ethyl Acetate

Concen: 96.195 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN068457.D

Acq: 13 Sep 2021 14:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 62213

Ion Ratio Lower Upper

43 100

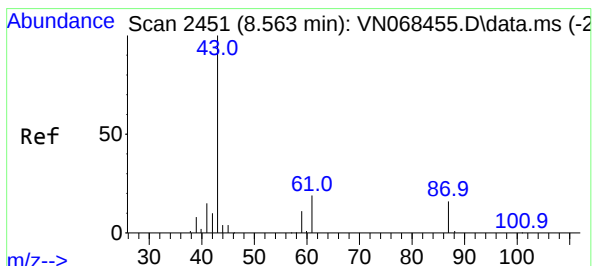
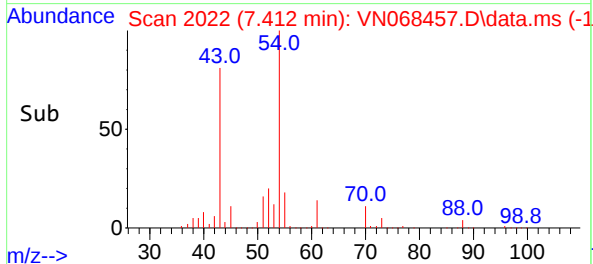
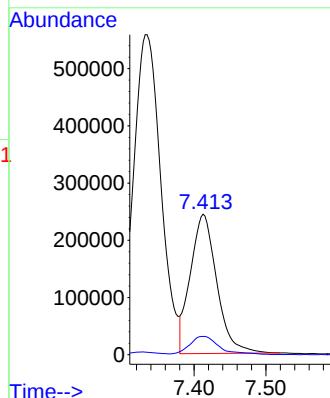
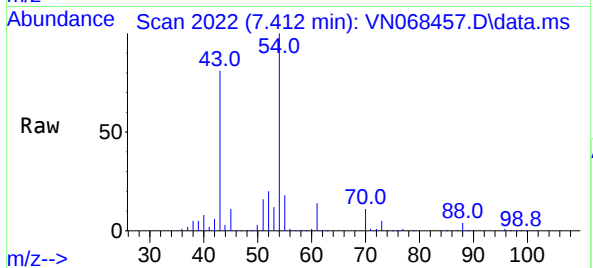
45 14.5 0.4 0.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2021

Supervised By :Mahesh Dadoda 09/14/2021



#44

Isopropyl Acetate

Concen: 99.657 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.003 min

Lab File: VN068457.D

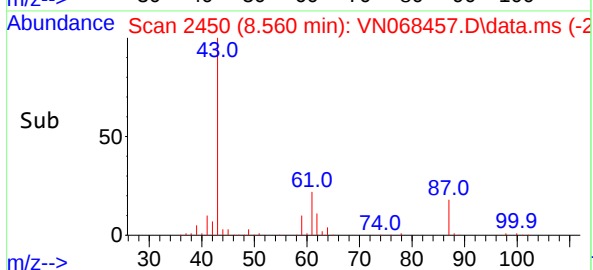
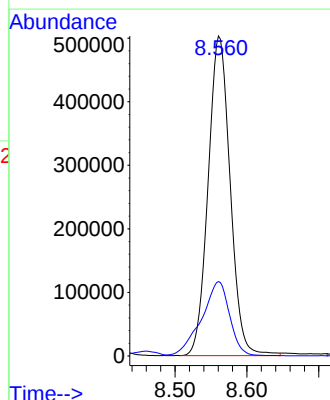
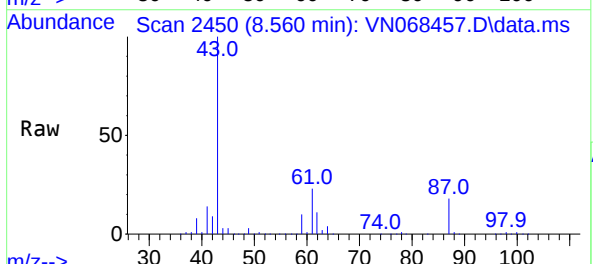
Acq: 13 Sep 2021 14:55

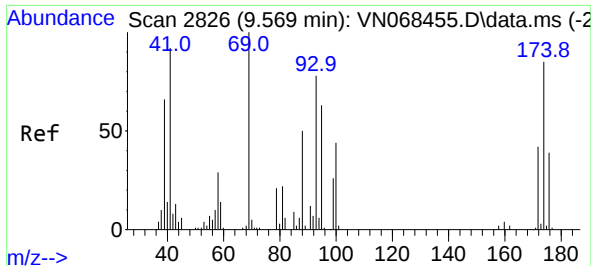
Tgt Ion: 43 Resp: 1070504

Ion Ratio Lower Upper

43 100

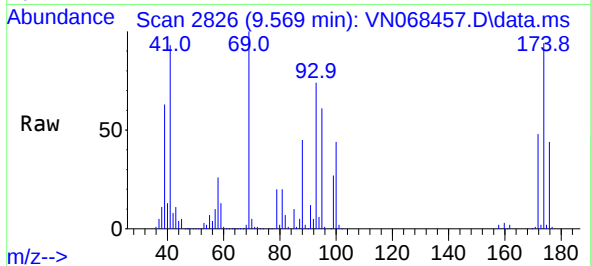
61 29.7 22.7 34.1





#45
1,4-Dioxane
Concen: 2058.929 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

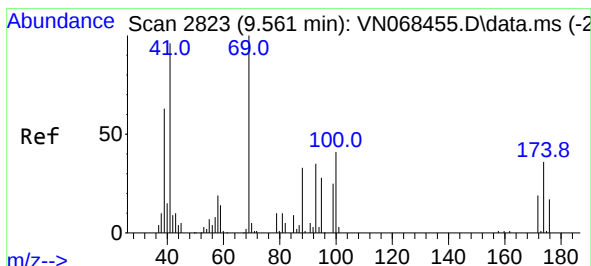
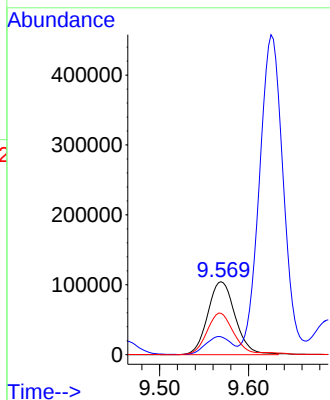
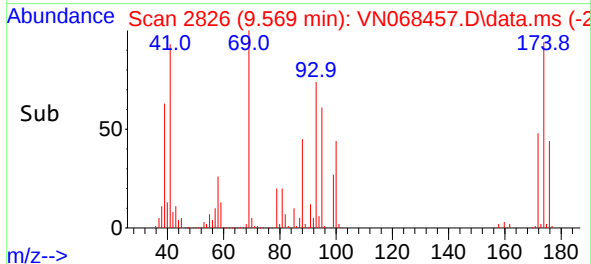
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



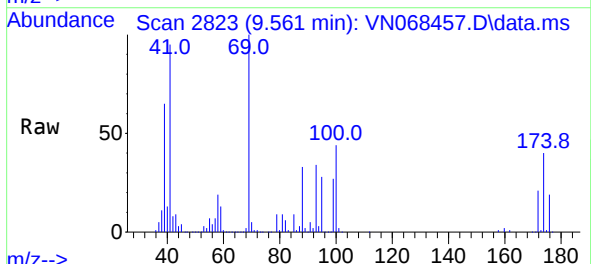
Tgt Ion: 88 Resp: 224070
Ion Ratio Lower Upper
88 100
43 22.8 21.0 31.4
58 55.2 47.0 70.6

Manual Integrations
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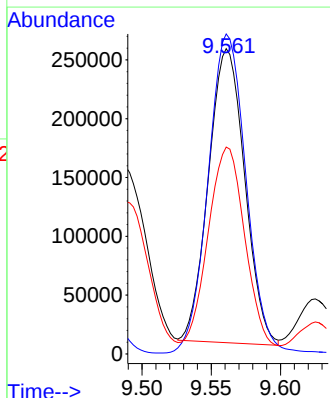
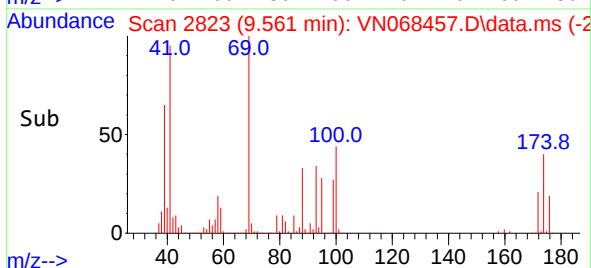
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

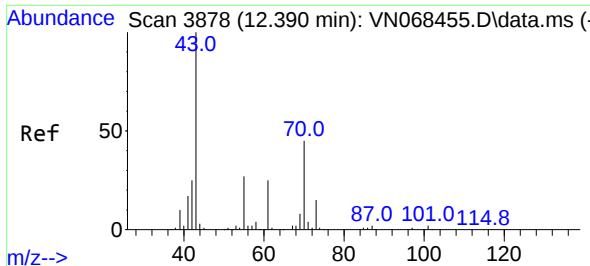


#46
Methyl methacrylate
Concen: 104.504 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion: 41 Resp: 454937
Ion Ratio Lower Upper
41 100
69 107.7 51.4 154.3
39 68.1 33.1 99.2





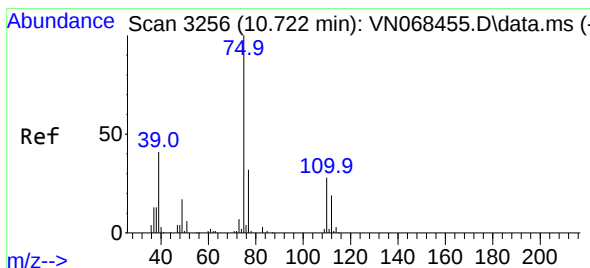
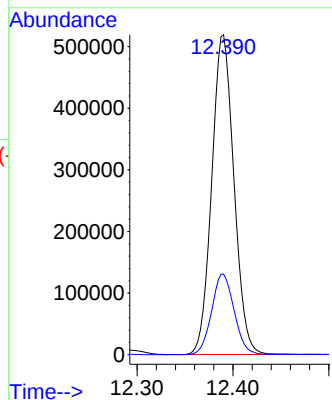
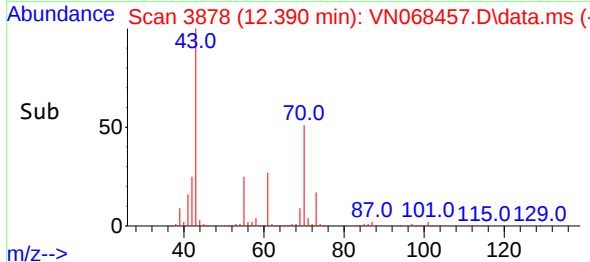
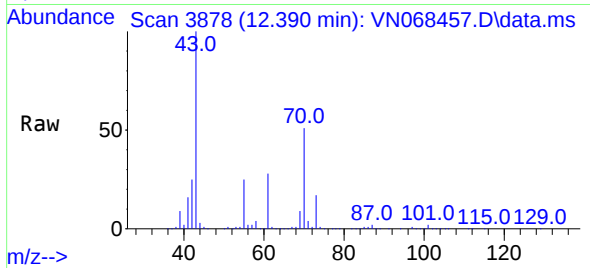
#47
n-amyl acetate
Concen: 110.209 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 832890
Ion Ratio Lower Upper
43 100
55 25.7 21.7 32.5

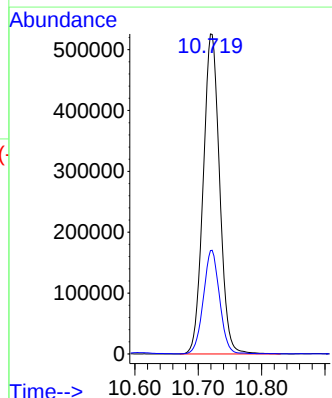
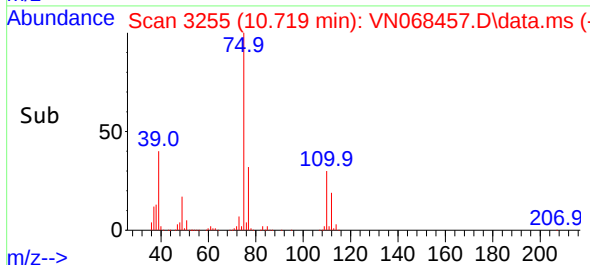
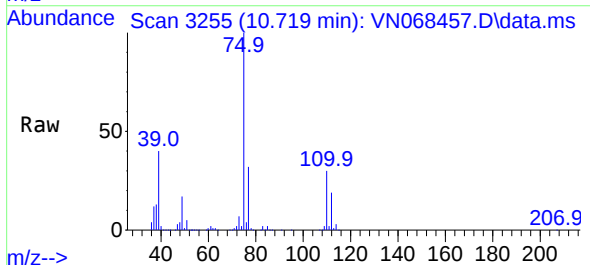
Manual Integrations
APPROVED

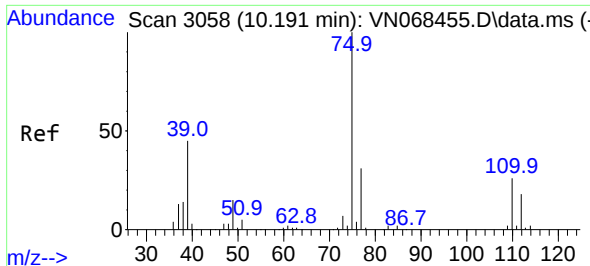
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#48
t-1,3-Dichloropropene
Concen: 104.927 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

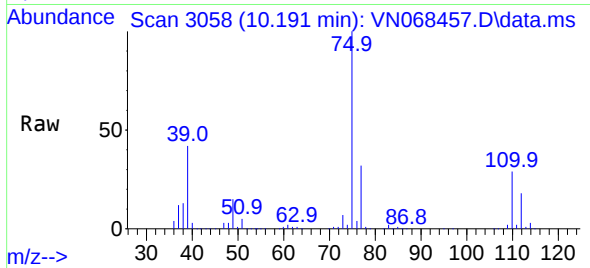
Tgt Ion: 75 Resp: 945600
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0





#49
cis-1,3-Dichloropropene
Concen: 102.829 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

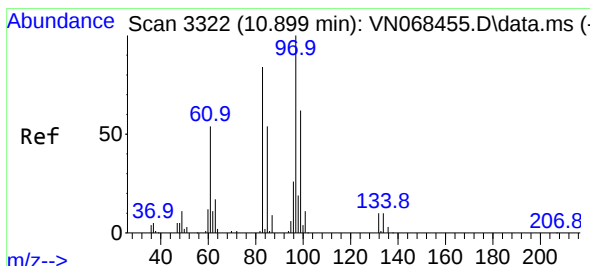
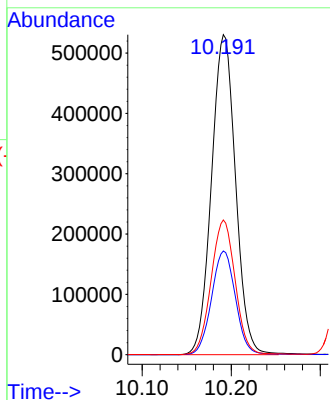
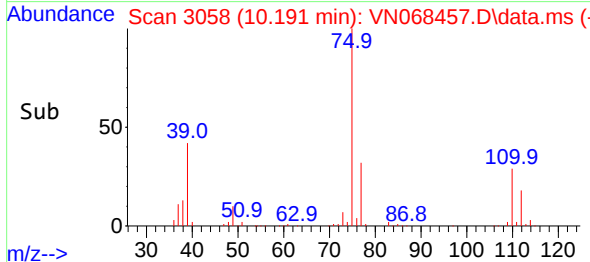
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



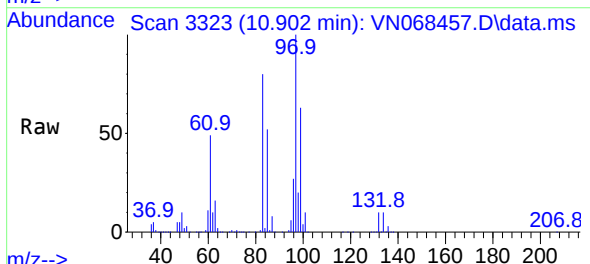
Tgt Ion: 75 Resp: 99595
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8
39 42.1 35.9 53.9

Manual Integrations
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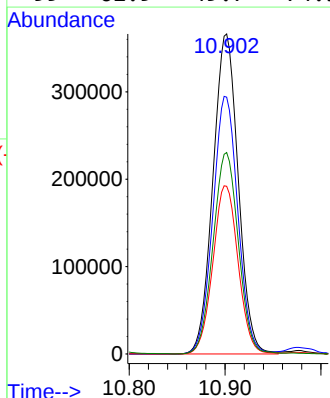
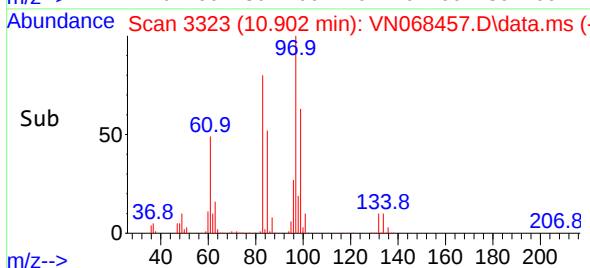
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

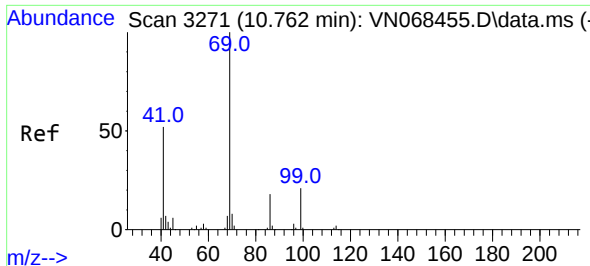


#50
1,1,2-Trichloroethane
Concen: 100.587 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



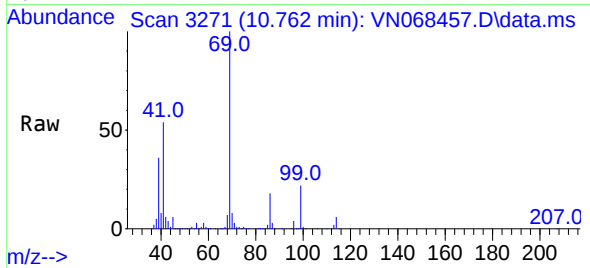
Tgt Ion: 97 Resp: 669470
Ion Ratio Lower Upper
97 100
83 80.3 66.8 100.2
85 52.4 43.5 65.3
99 62.9 49.7 74.5





#51
Ethyl methacrylate
Concen: 106.731 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

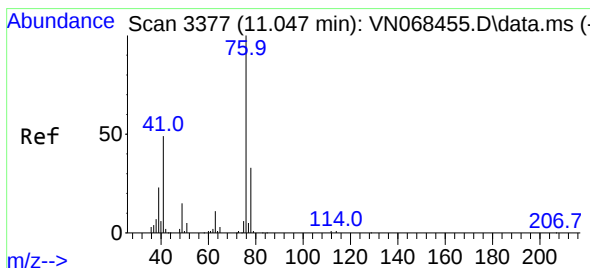
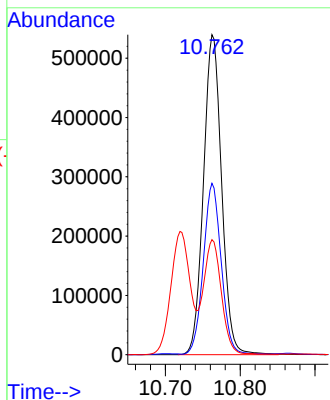
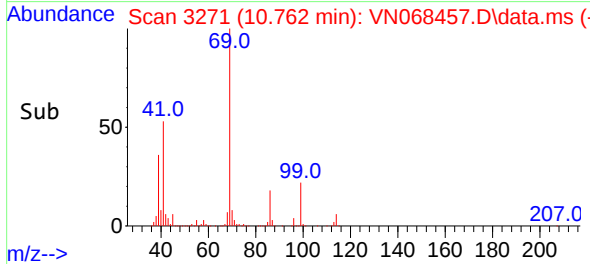
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



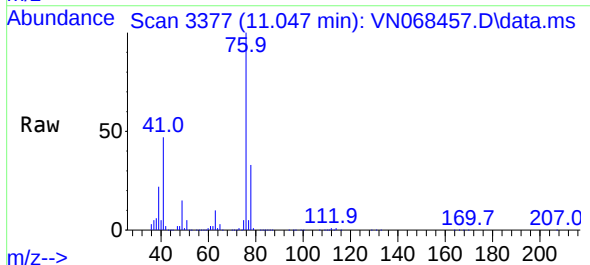
Tgt Ion: 69 Resp: 912078
Ion Ratio Lower Upper
69 100
41 53.3 26.1 78.3
39 35.8 18.0 54.0

Manual Integrations
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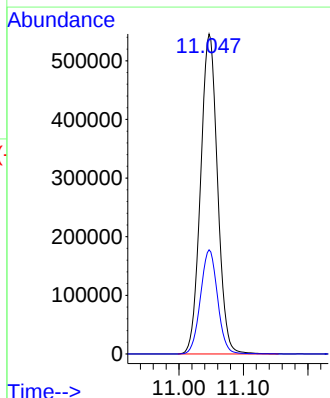
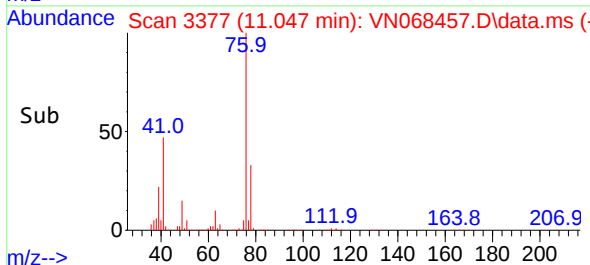
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

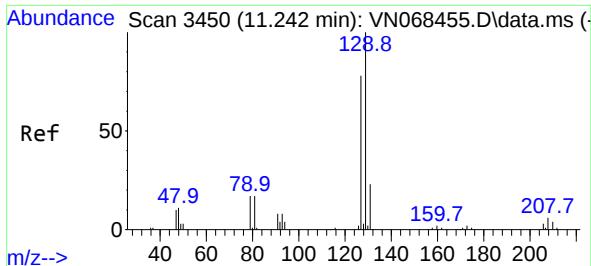


#52
1,3-Dichloropropane
Concen: 100.744 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



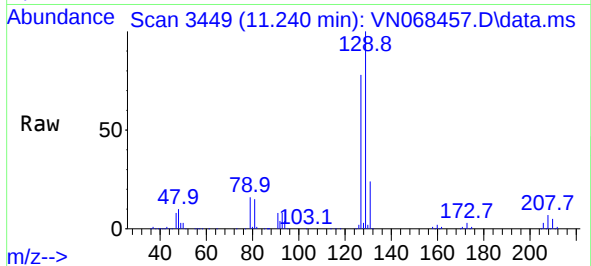
Tgt Ion: 76 Resp: 997132
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.4





#53
Dibromochloromethane
Concen: 106.032 ug/l
RT: 11.240 min Scan# 3450
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

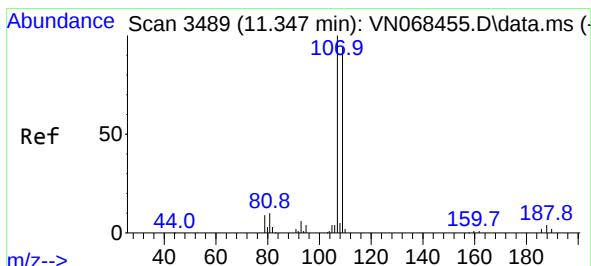
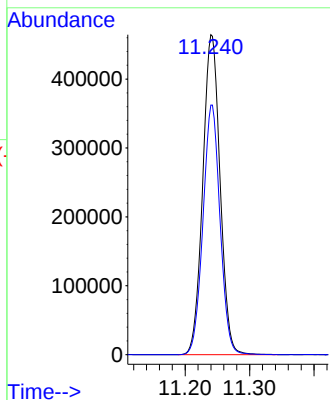
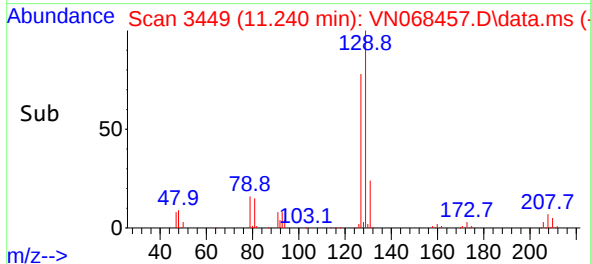
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



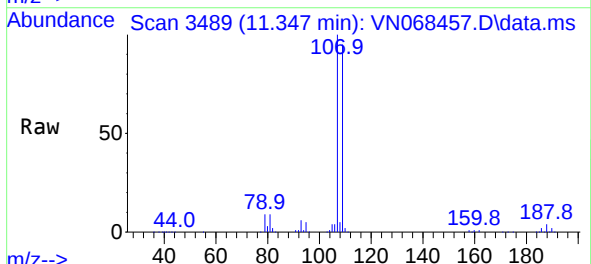
Tgt Ion:129 Resp: 867785
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

Manual Integrations
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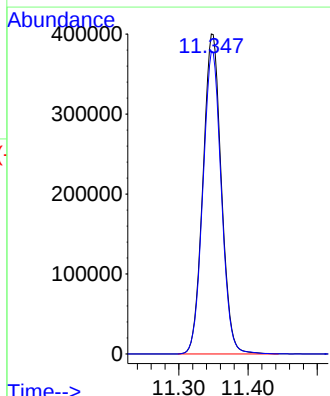
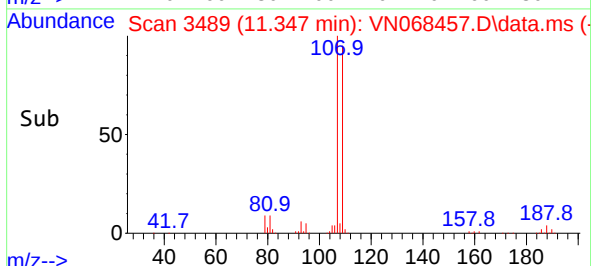
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

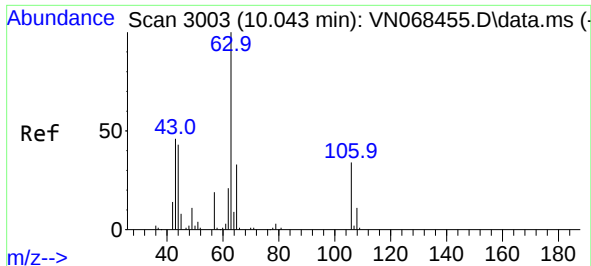


#54
1,2-Dibromoethane
Concen: 103.394 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



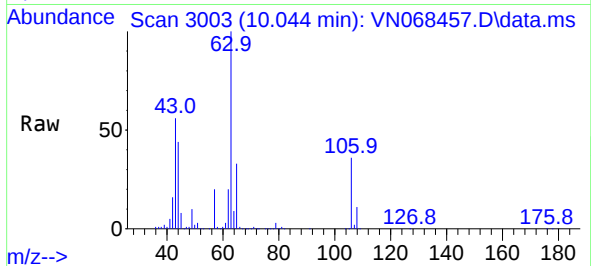
Tgt Ion:107 Resp: 738025
Ion Ratio Lower Upper
107 100
109 94.8 77.0 115.4





#55
2-Chloroethyl vinyl ether
Concen: 625.900 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

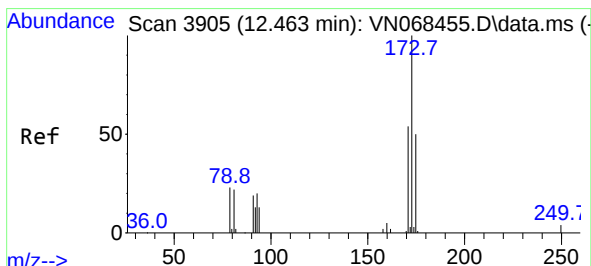
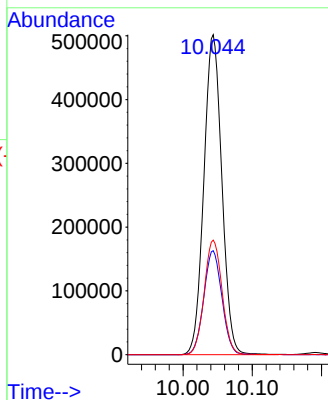
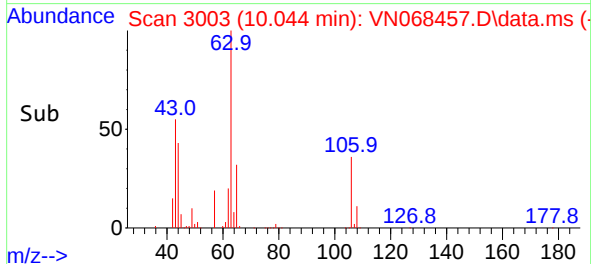
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



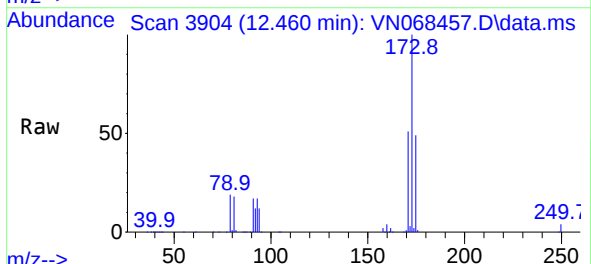
Tgt Ion: 63 Resp: 905498
Ion Ratio Lower Upper
63 100
65 32.8 26.2 39.2
106 35.6 27.7 41.5

Manual Integrations
APPROVED

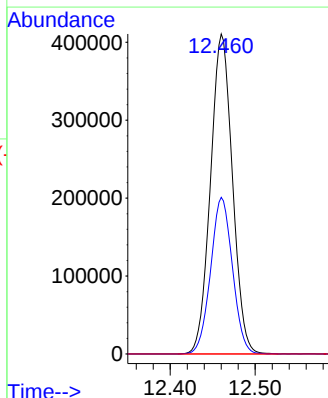
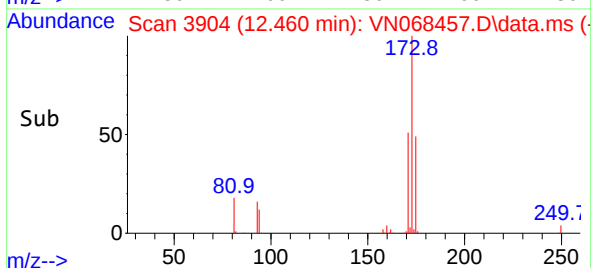
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

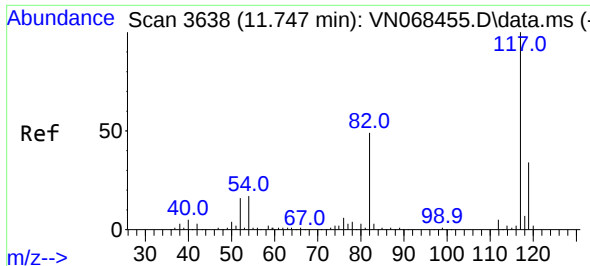


#56
Bromoform
Concen: 112.302 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion:173 Resp: 738243
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 0.0 0.0 0.0





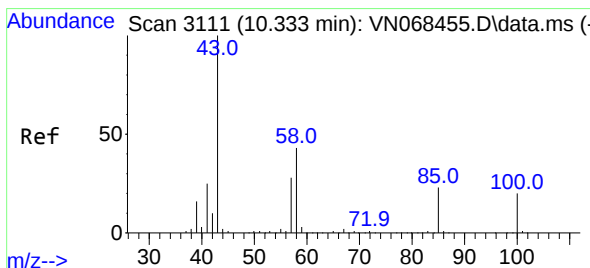
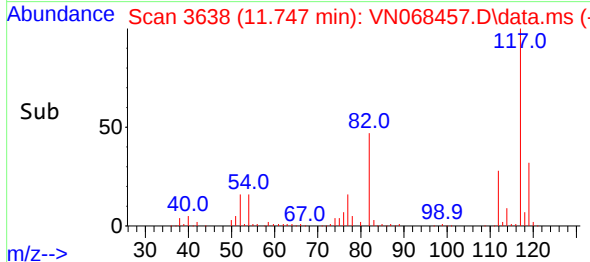
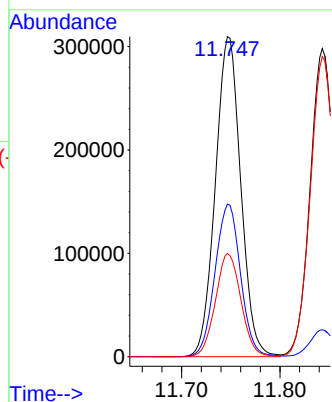
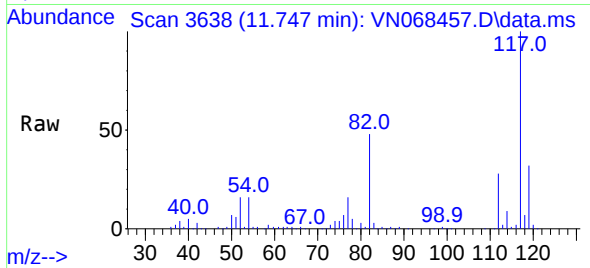
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 55637
Ion Ratio Lower Upper
117 100
82 48.0 39.4 59.0
119 32.3 26.2 39.2

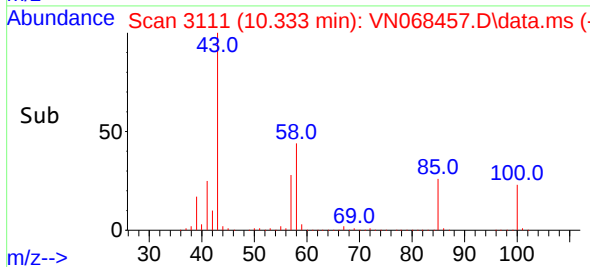
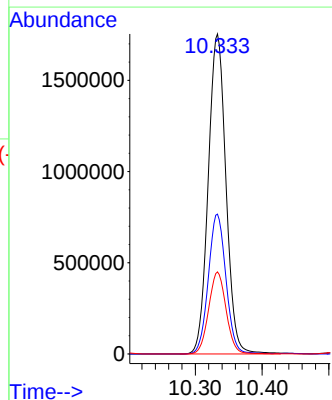
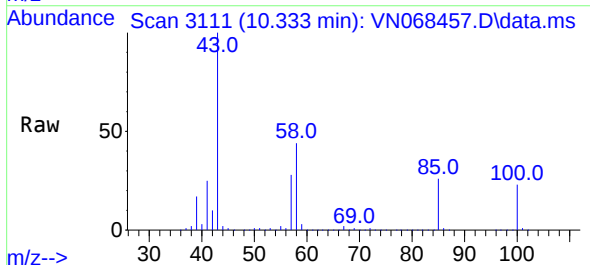
Manual Integrations
APPROVED

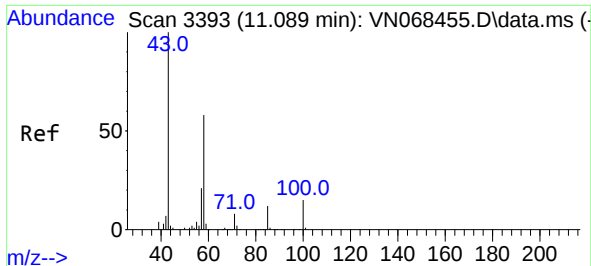
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#58
4-Methyl-2-Pentanone
Concen: 493.581 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 43 Resp: 3232676
Ion Ratio Lower Upper
43 100
58 43.6 33.3 49.9
85 25.3 18.6 27.8





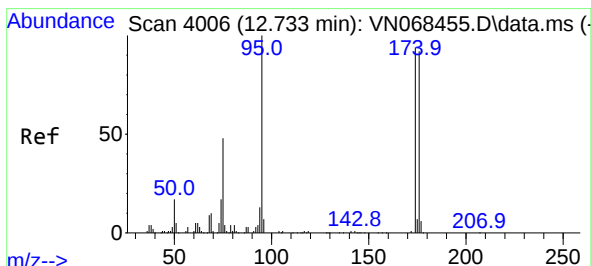
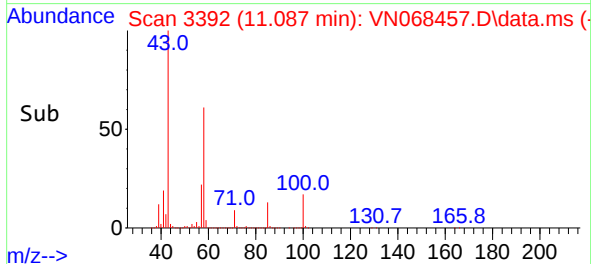
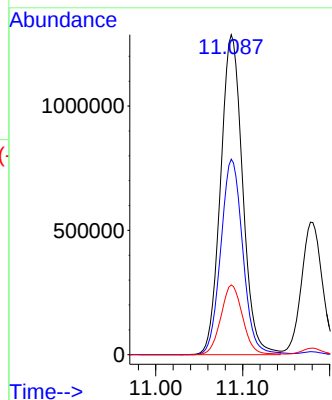
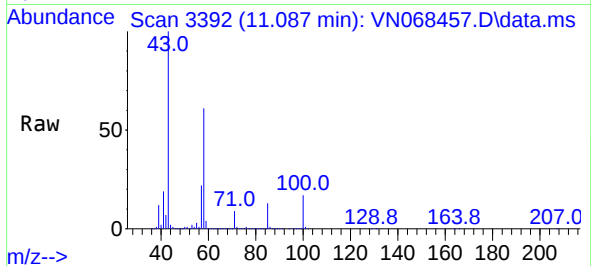
#59
2-Hexanone
Concen: 498.872 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 226445
Ion Ratio Lower Upper
43 100
58 61.2 46.4 69.6
57 21.5 16.6 25.0

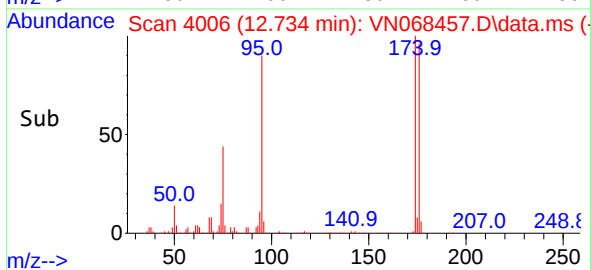
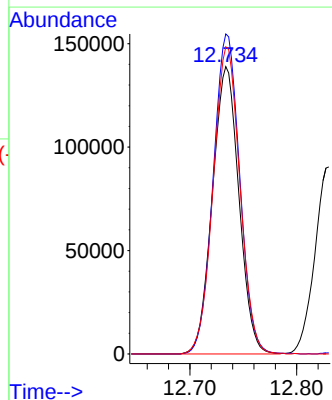
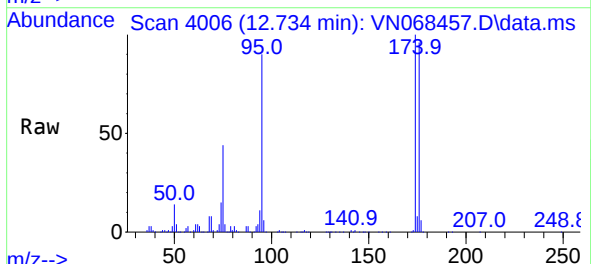
Manual Integrations
APPROVED

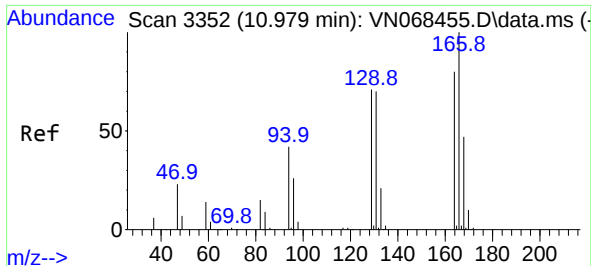
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#60
4-Bromofluorobenzene
Concen: 30.208 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

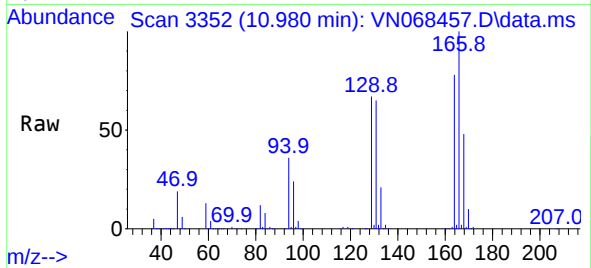
Tgt Ion: 95 Resp: 239551
Ion Ratio Lower Upper
95 100
174 111.4 78.0 117.0
176 107.8 76.4 114.6





#61
Tetrachloroethene
Concen: 100.534 ug/l
RT: 10.980 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

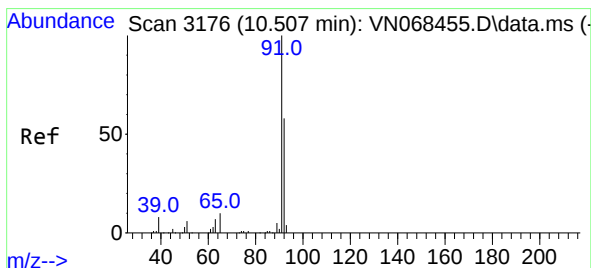
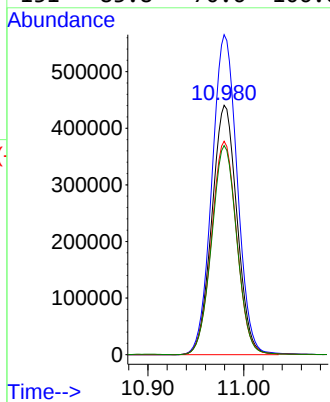
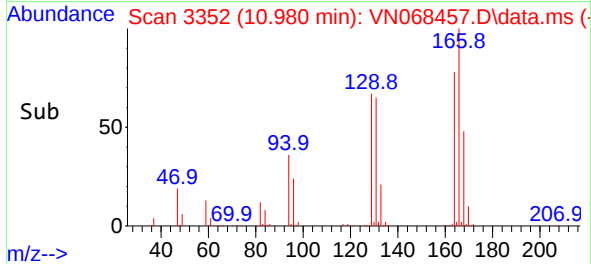
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



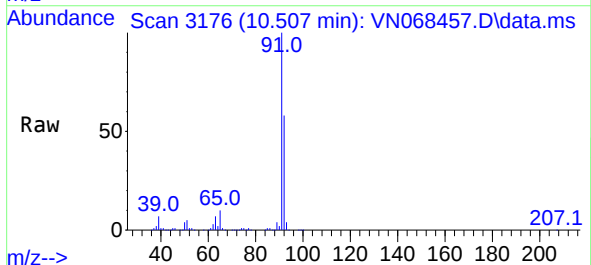
Tgt Ion:164 Resp: 804240
Ion Ratio Lower Upper
164 100
166 128.3 100.4 150.6
129 85.5 71.4 107.0
131 83.8 70.6 106.0

Manual Integrations
APPROVED

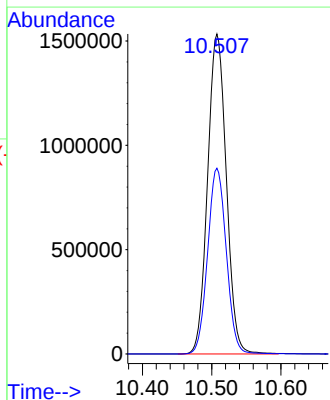
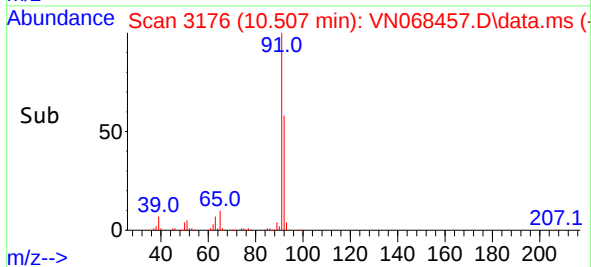
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

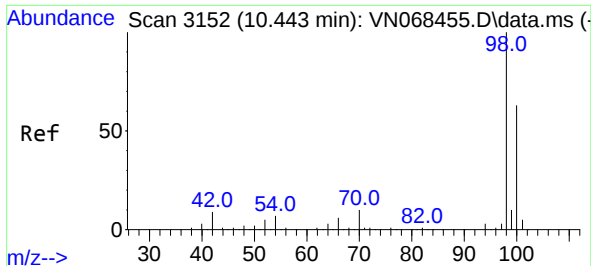


#62
Toluene
Concen: 98.421 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



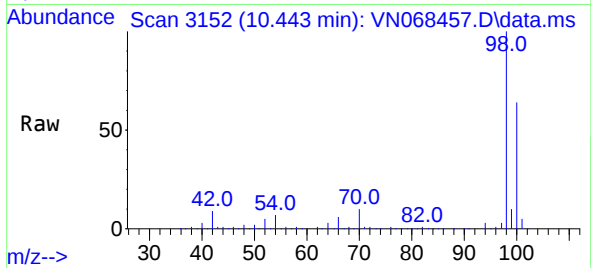
Tgt Ion: 91 Resp: 2882033
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.6





#63
Toluene-d8
Concen: 29.496 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

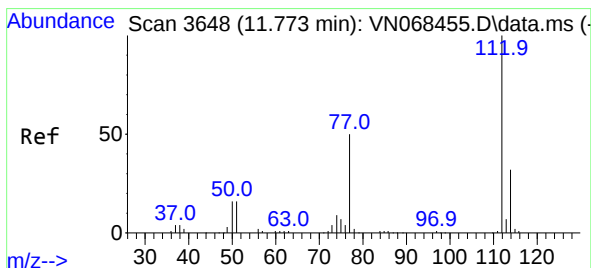
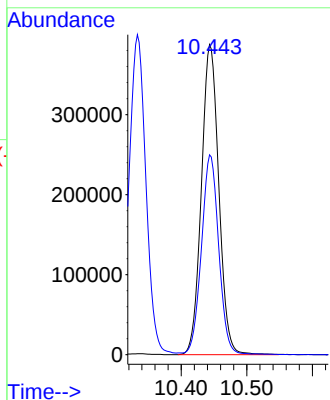
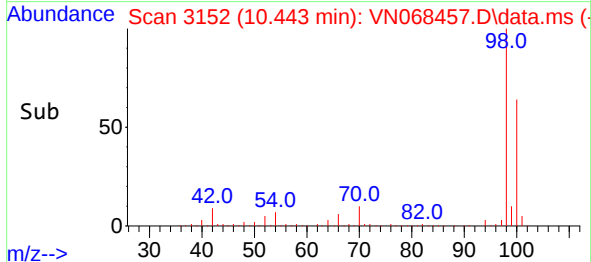
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



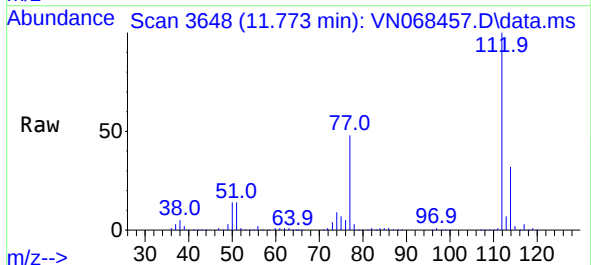
Tgt Ion: 98 Resp: 713925
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

Manual Integrations
APPROVED

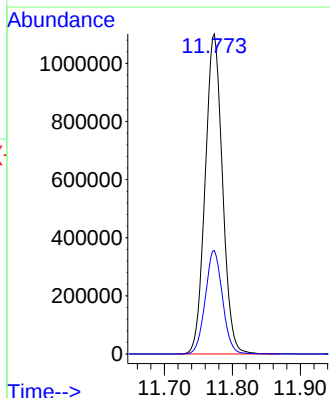
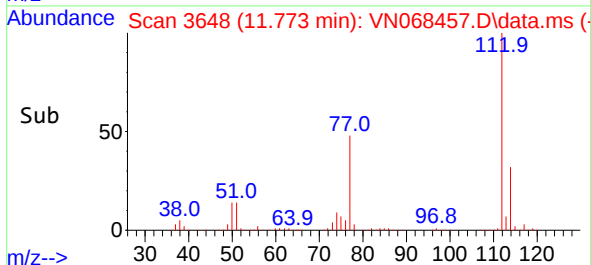
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

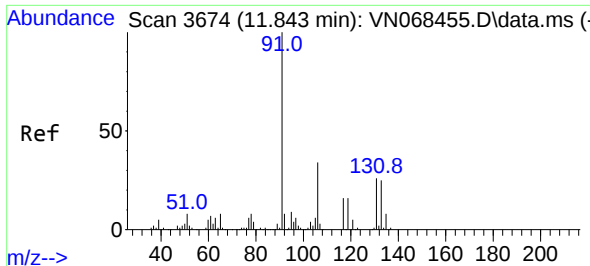


#64
Chlorobenzene
Concen: 101.002 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion:112 Resp: 1950662
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6





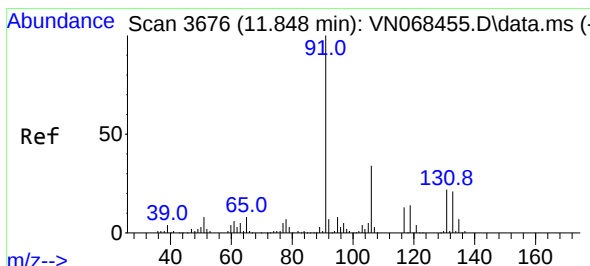
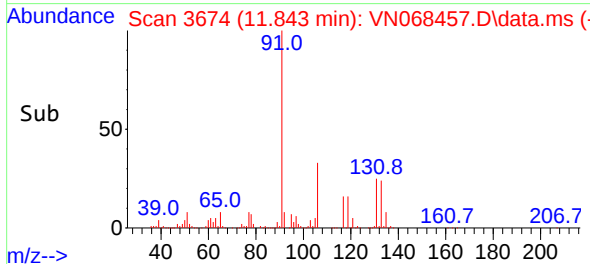
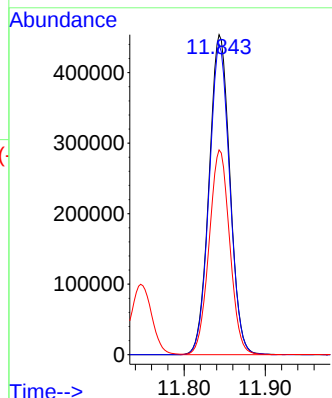
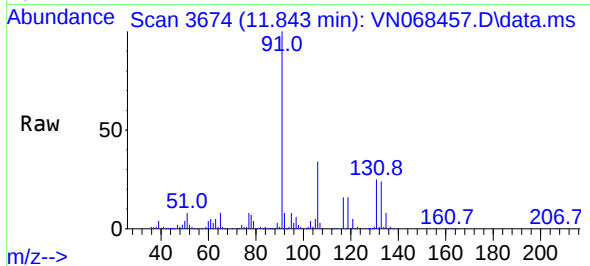
#65
1,1,1,2-Tetrachloroethane
Concen: 102.370 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:131 Resp: 806878
Ion Ratio Lower Upper
131 100
133 96.0 0.0 192.2
119 63.4 0.0 127.0

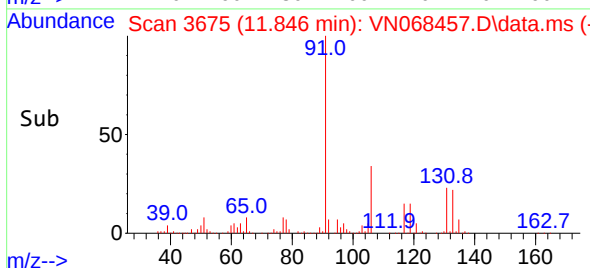
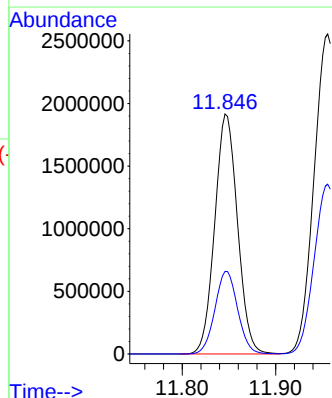
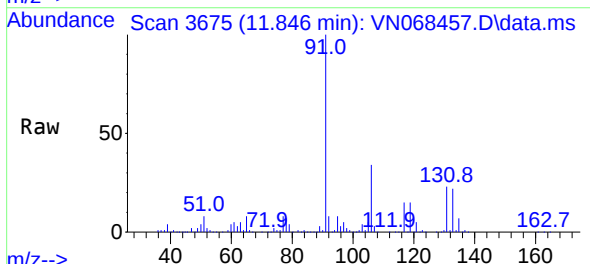
Manual Integrations
APPROVED

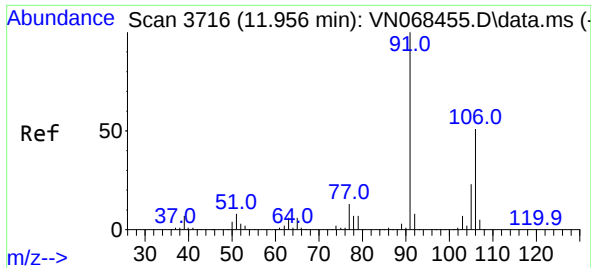
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#66
Ethyl Benzene
Concen: 102.140 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 91 Resp: 3250560
Ion Ratio Lower Upper
91 100
106 34.4 27.2 40.8





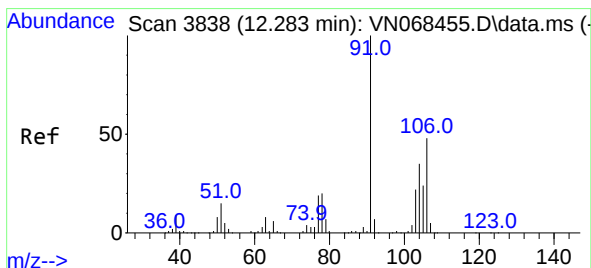
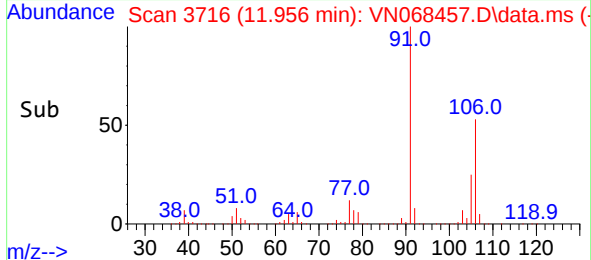
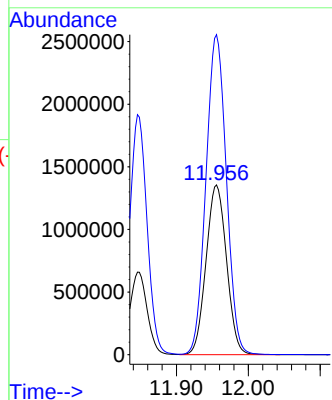
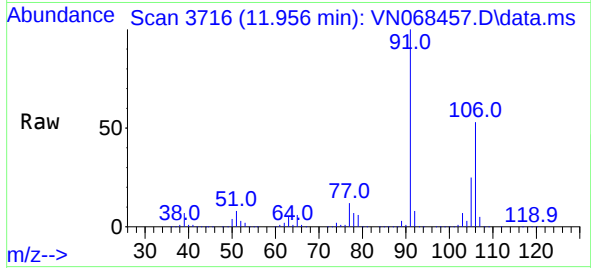
#67
m/p-Xylenes
Concen: 204.671 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 268490
Ion Ratio Lower Upper
106 100
91 187.7 152.7 229.1

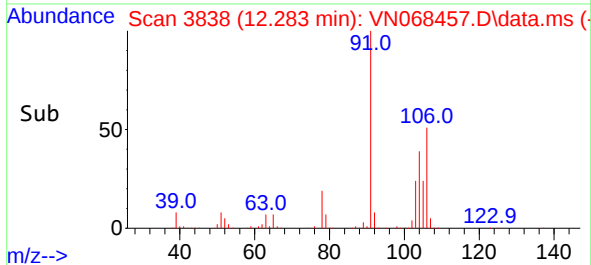
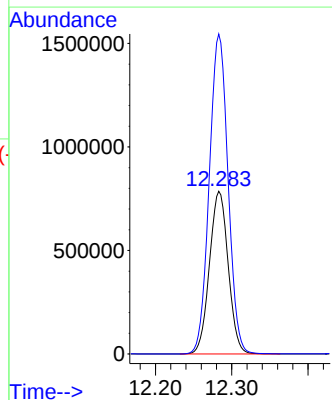
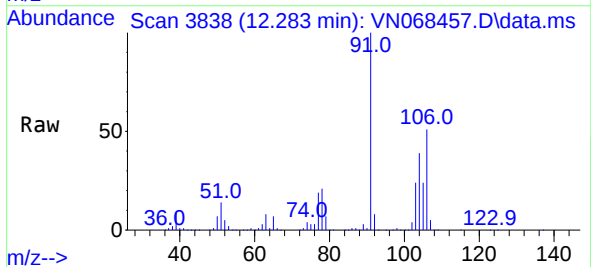
Manual Integrations
APPROVED

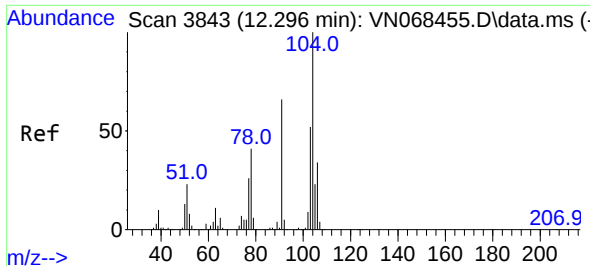
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#68
o-Xylene
Concen: 103.467 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

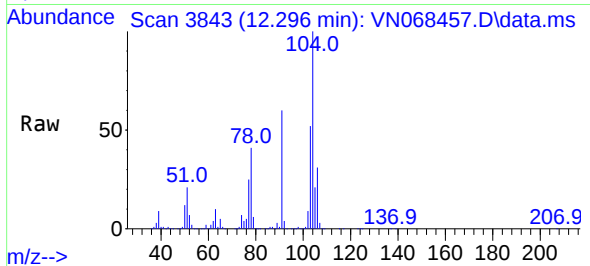
Tgt Ion:106 Resp: 1340087
Ion Ratio Lower Upper
106 100
91 197.0 101.5 304.5





#69
Styrene
Concen: 105.309 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

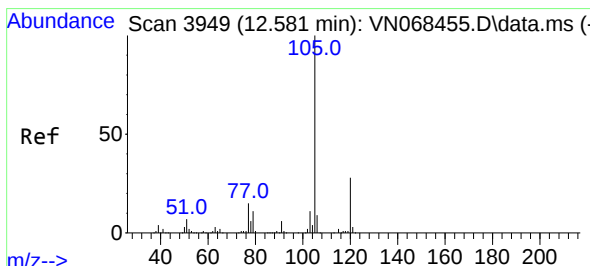
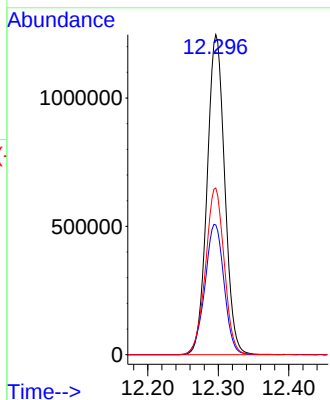
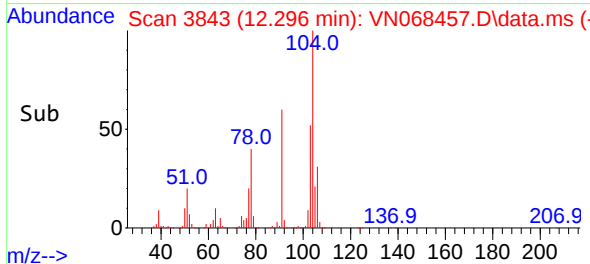
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



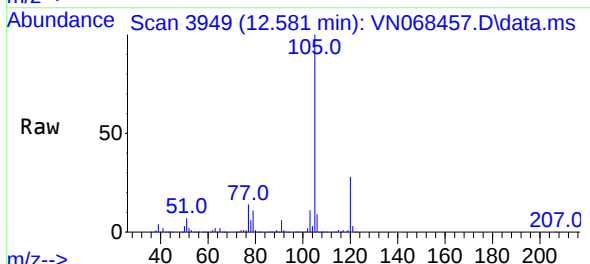
Tgt Ion:104 Resp: 2162788
Ion Ratio Lower Upper
104 100
78 44.3 36.5 54.7
103 55.3 43.5 65.3

Manual Integrations
APPROVED

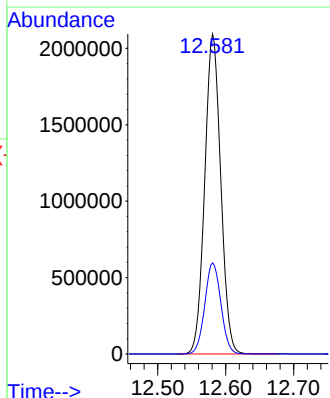
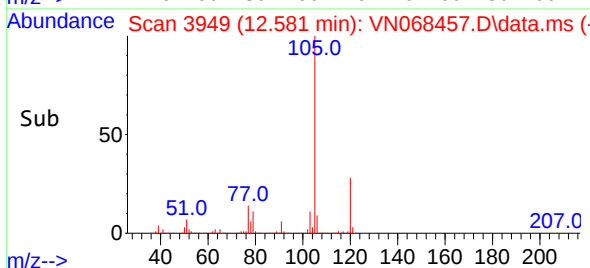
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

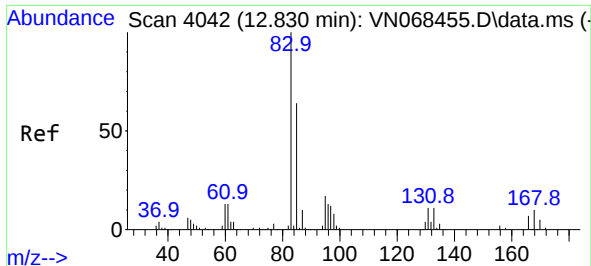


#70
Isopropylbenzene
Concen: 104.005 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



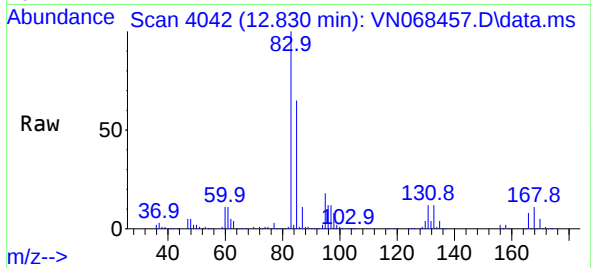
Tgt Ion:105 Resp: 3420195
Ion Ratio Lower Upper
105 100
120 28.7 19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 99.947 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

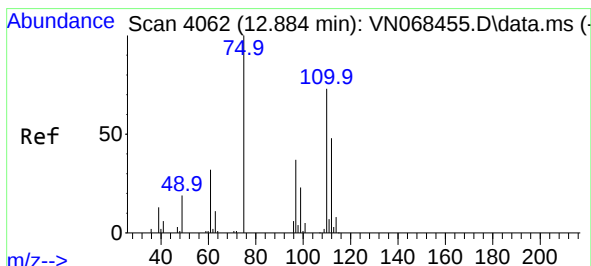
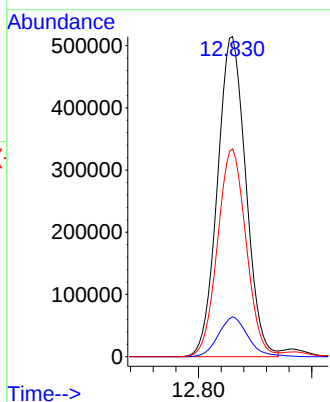
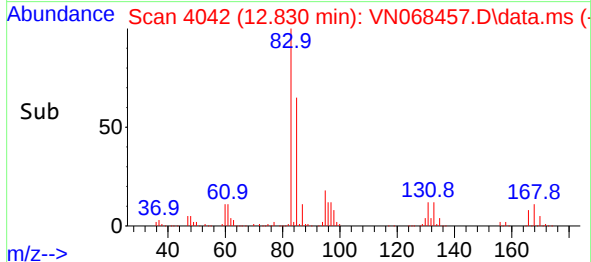
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



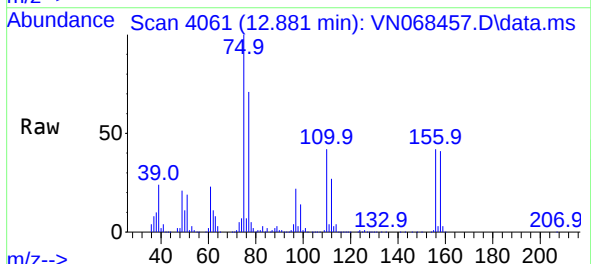
Tgt Ion: 83 Resp: 894658
Ion Ratio Lower Upper
83 100
131 12.9 5.9 17.7
85 65.4 31.9 95.9

Manual Integrations
APPROVED

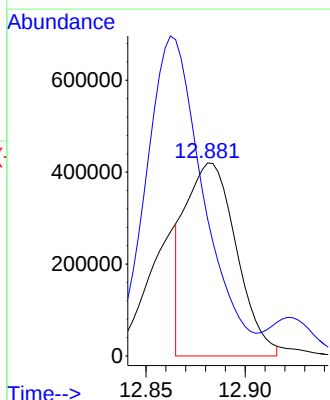
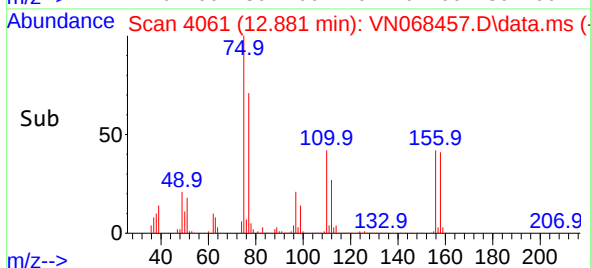
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

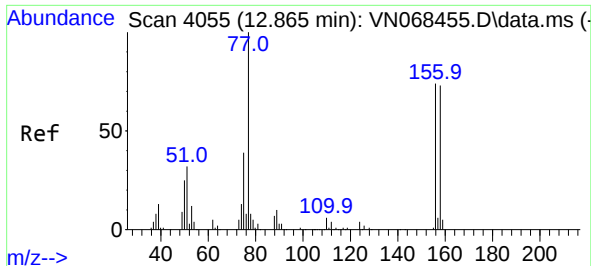


#72
1,2,3-Trichloropropane
Concen: 103.795 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion: 75 Resp: 746972
Ion Ratio Lower Upper
75 100
77 187.5 0.0 357.6





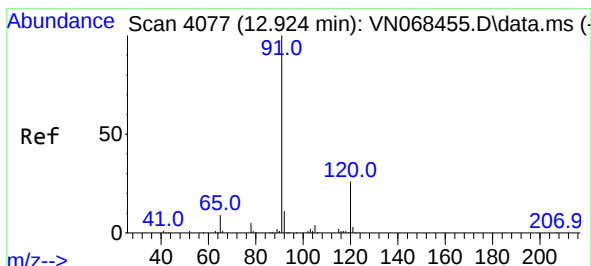
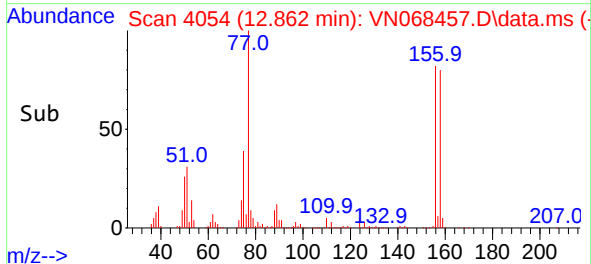
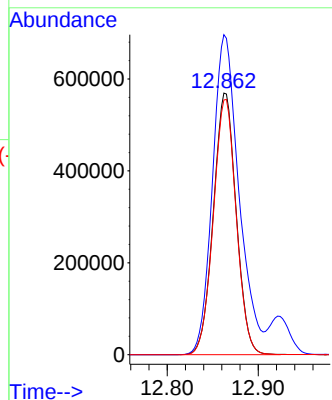
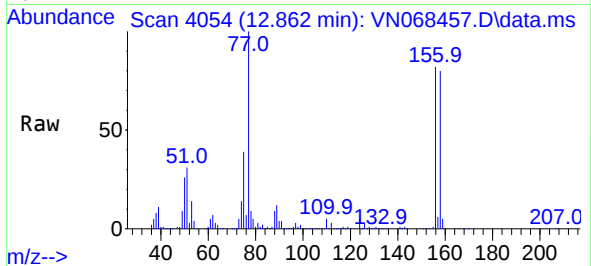
#73
Bromobenzene
Concen: 106.164 ug/l
RT: 12.862 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 99106
Ion Ratio Lower Upper
156 100
77 141.3 0.0 318.8
158 97.7 0.0 196.2

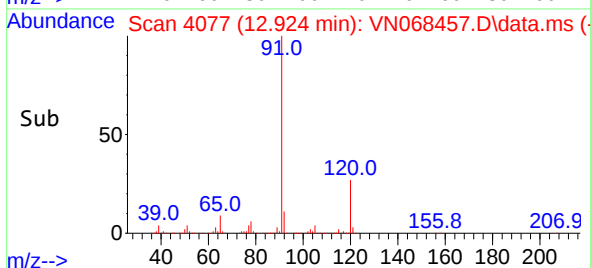
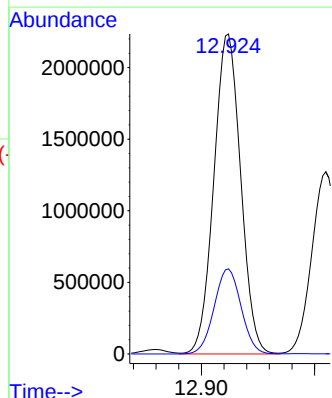
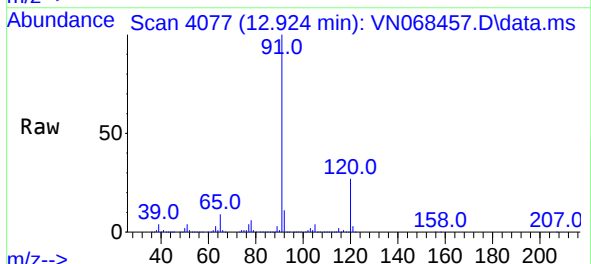
Manual Integrations
APPROVED

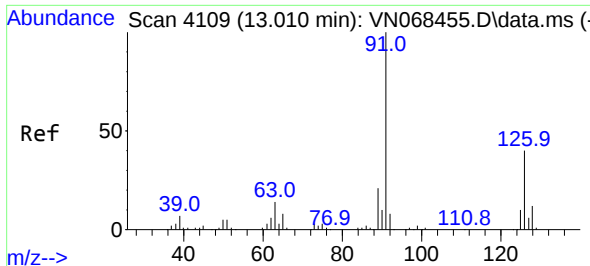
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#74
n-propylbenzene
Concen: 103.449 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion: 91 Resp: 3668743
Ion Ratio Lower Upper
91 100
120 26.7 0.0 51.6





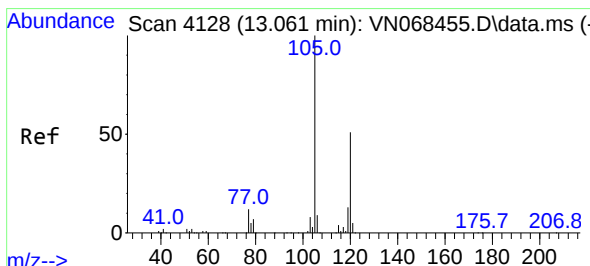
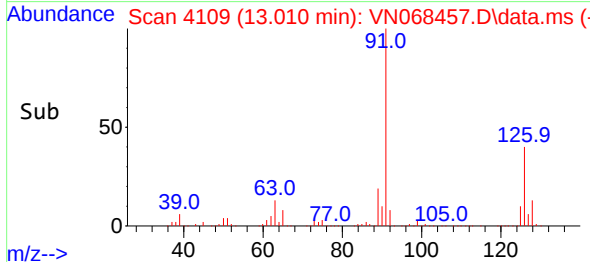
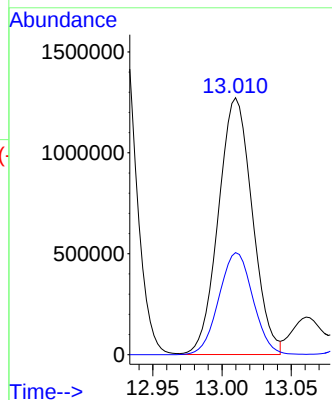
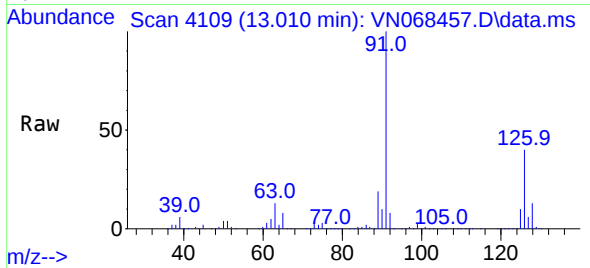
#75
2-Chlorotoluene
Concen: 101.719 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 217103
Ion Ratio Lower Upper
91 100
126 39.9 0.0 77.2

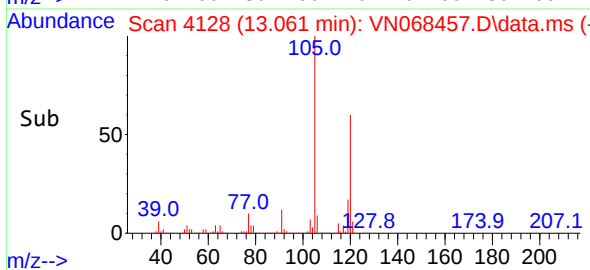
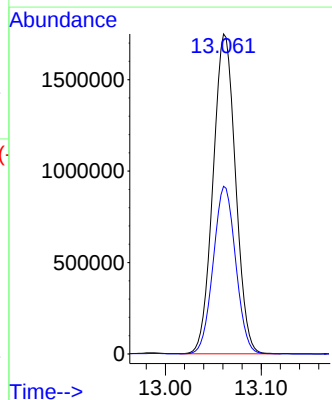
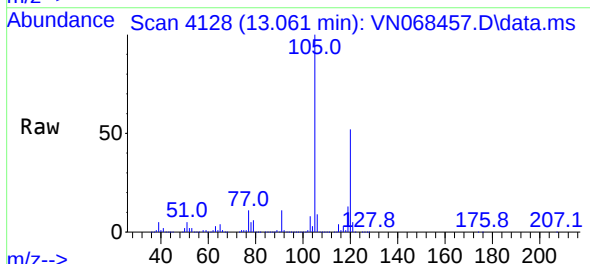
Manual Integrations
APPROVED

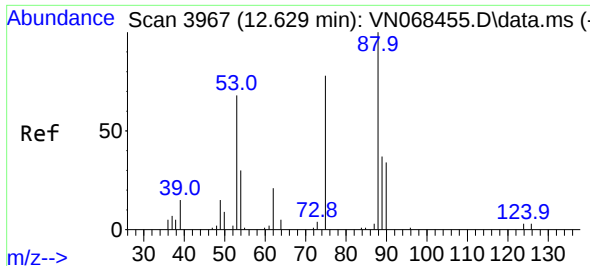
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#76
1,3,5-Trimethylbenzene
Concen: 103.674 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

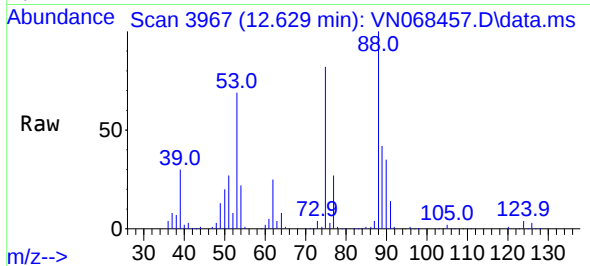
Tgt Ion:105 Resp: 2846468
Ion Ratio Lower Upper
105 100
120 52.3 0.0 103.4





#77
t-1,4-Dichloro-2-butene
Concen: 109.028 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

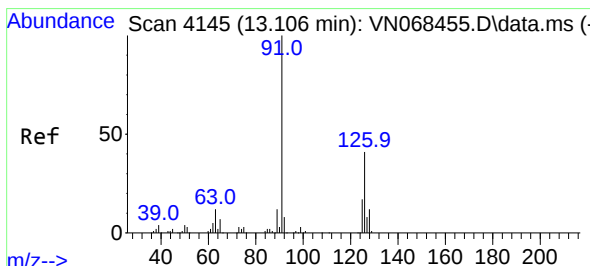
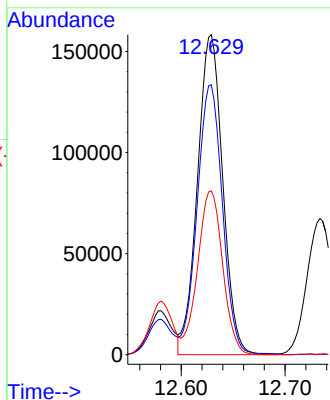
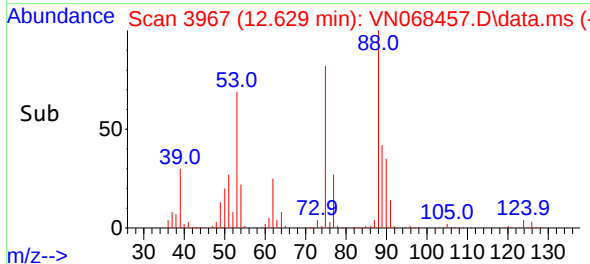
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



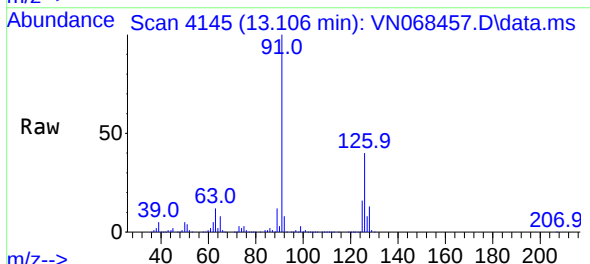
Tgt Ion: 75 Resp: 268090
Ion Ratio Lower Upper
75 100
53 84.3 43.8 131.4
89 51.3 26.2 78.6

Manual Integrations
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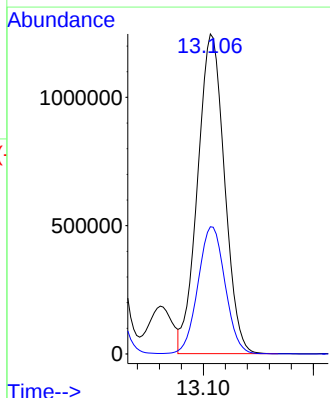
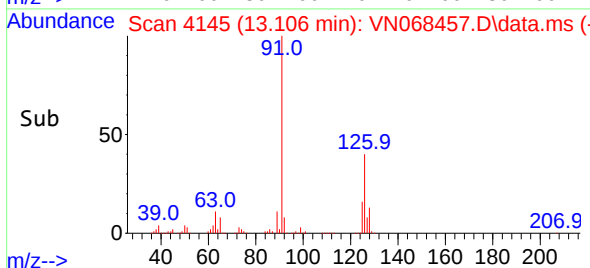
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

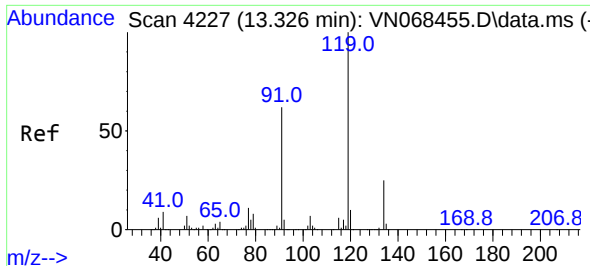


#78
4-Chlorotoluene
Concen: 103.061 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



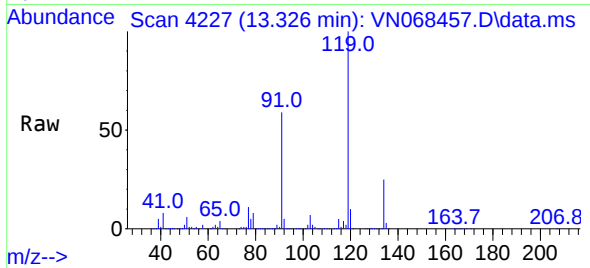
Tgt Ion: 91 Resp: 2110996
Ion Ratio Lower Upper
91 100
126 40.3 0.0 77.8





#79
tert-butylbenzene
Concen: 105.359 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

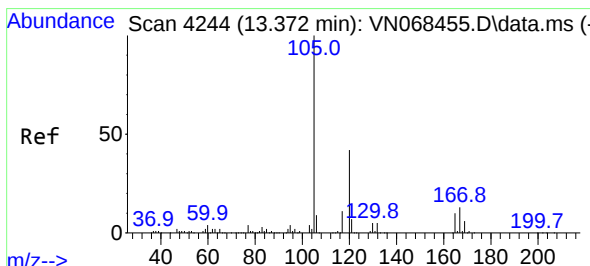
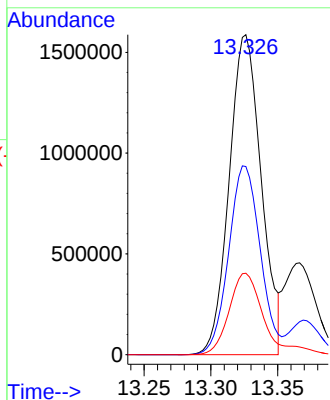
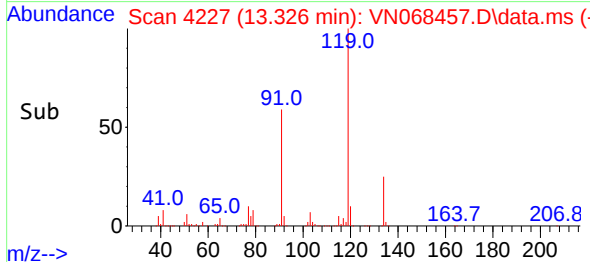
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



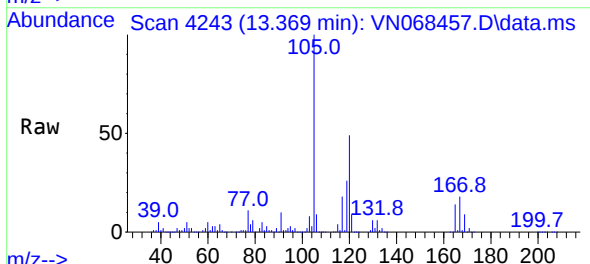
Tgt Ion:119 Resp: 265757
Ion Ratio Lower Upper
119 100
91 58.3 0.0 120.0
134 27.6 0.0 54.0

Manual Integrations
APPROVED

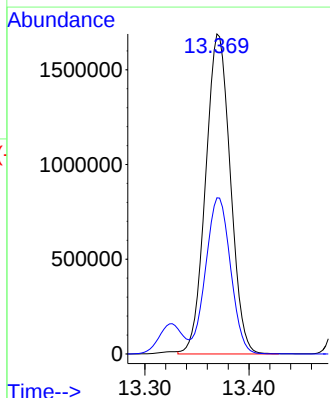
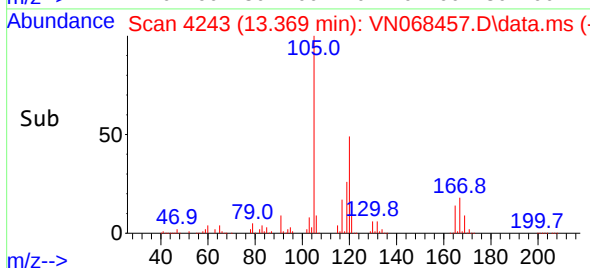
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

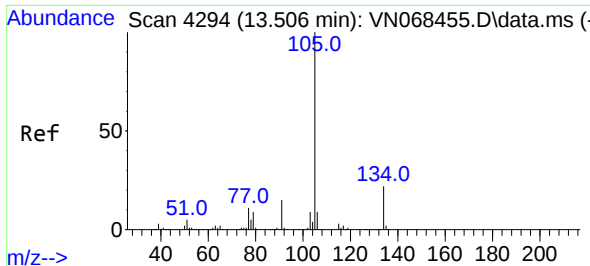


#80
1,2,4-Trimethylbenzene
Concen: 86.991 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



Tgt Ion:105 Resp: 2790978
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4





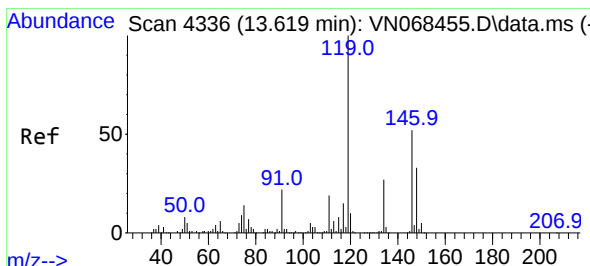
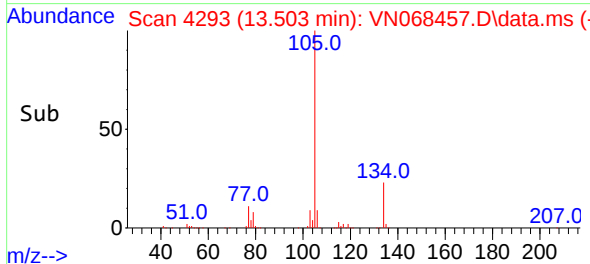
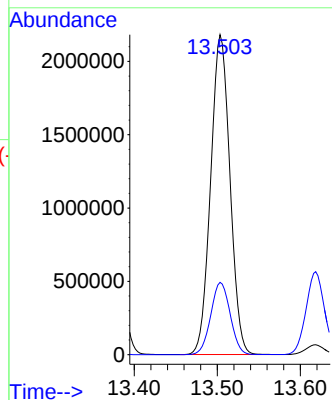
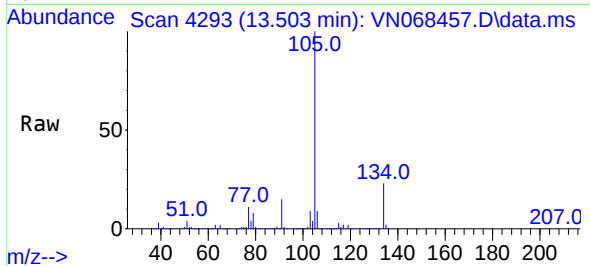
#81
 sec-Butylbenzene
 Concen: 105.438 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN068457.D
 Acq: 13 Sep 2021 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 351545
 Ion Ratio Lower Upper
 105 100
 134 22.8 0.0 43.8

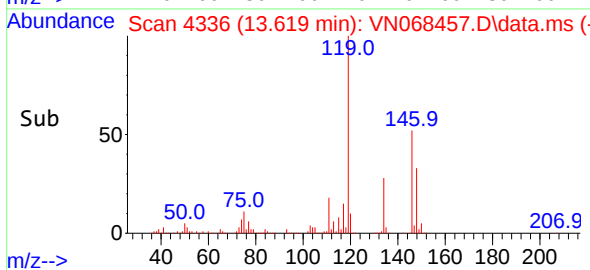
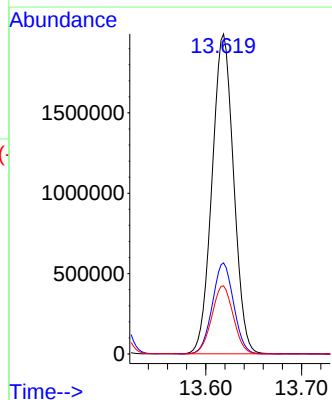
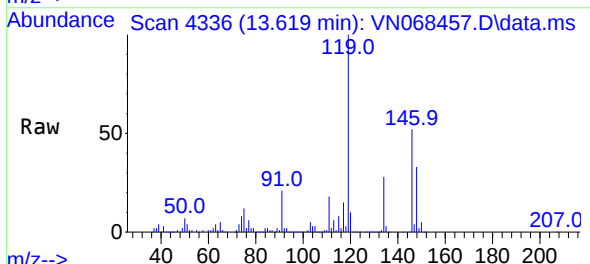
Manual Integrations
 APPROVED

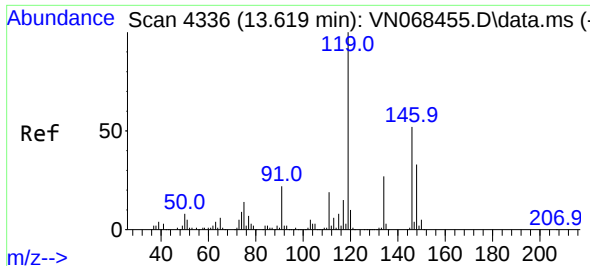
Reviewed By :John Carlone 09/14/2021
 Supervised By :Mahesh Dadoda 09/14/2021



#82
 p-Isopropyltoluene
 Concen: 108.521 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.000 min
 Lab File: VN068457.D
 Acq: 13 Sep 2021 14:55

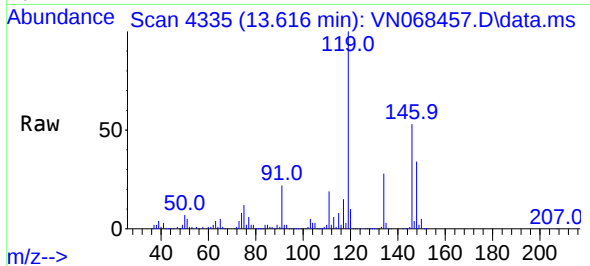
Tgt Ion:119 Resp: 3103479
 Ion Ratio Lower Upper
 119 100
 134 28.3 0.0 55.4
 91 21.3 0.0 44.4





#83
1,3-Dichlorobenzene
Concen: 107.208 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

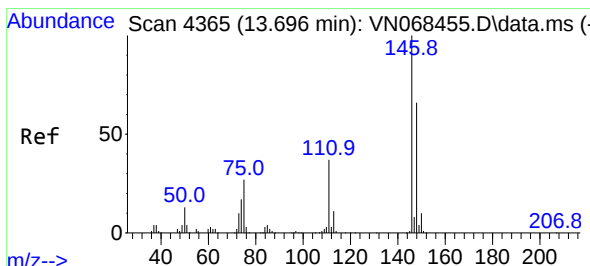
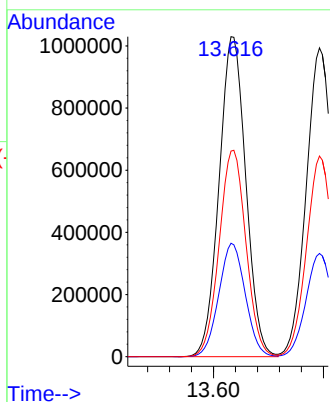
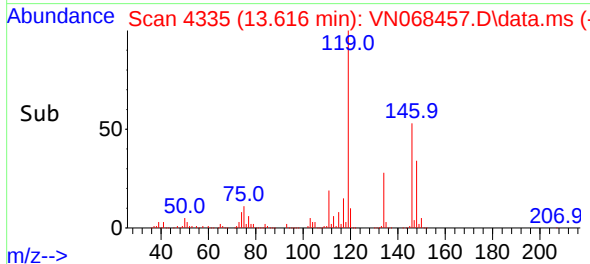
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



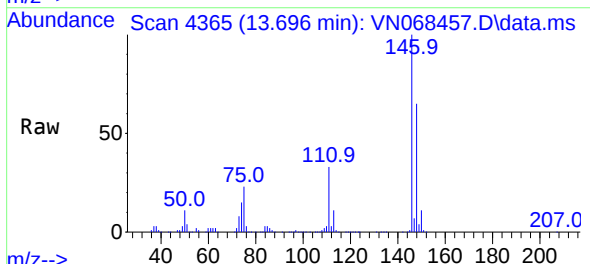
Tgt Ion:146 Resp: 1739610
Ion Ratio Lower Upper
146 100
111 35.2 18.4 55.2
148 64.6 32.0 96.0

Manual Integrations
APPROVED

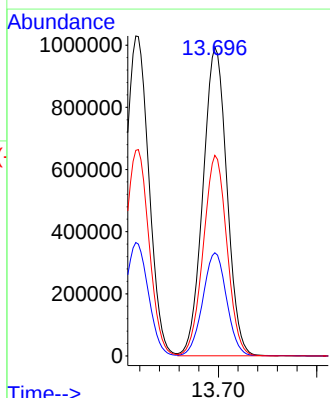
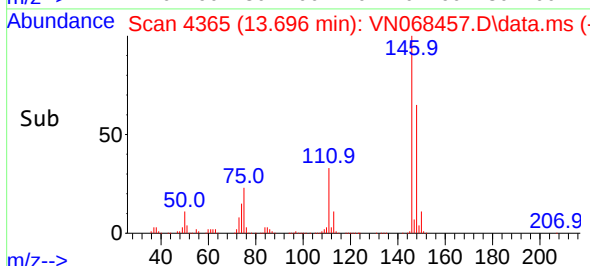
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

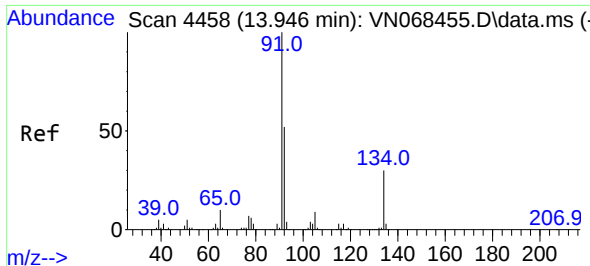


#84
1,4-Dichlorobenzene
Concen: 107.874 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



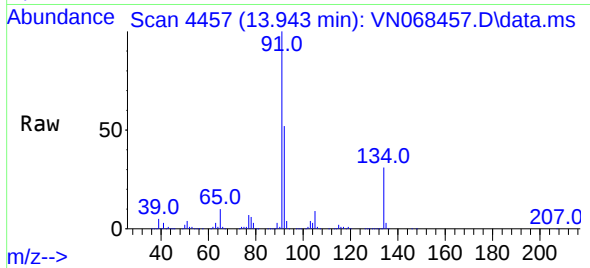
Tgt Ion:146 Resp: 1676840
Ion Ratio Lower Upper
146 100
111 33.5 18.2 54.6
148 64.5 32.6 97.7





#85
n-Butylbenzene
Concen: 110.300 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

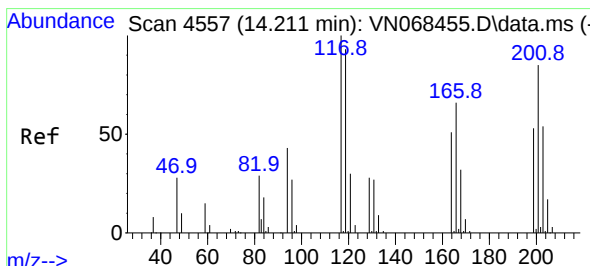
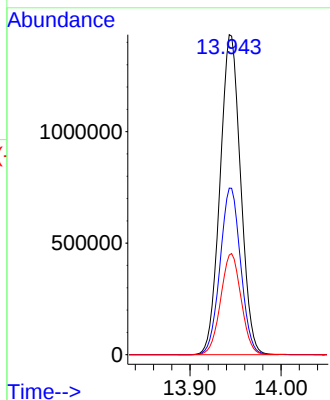
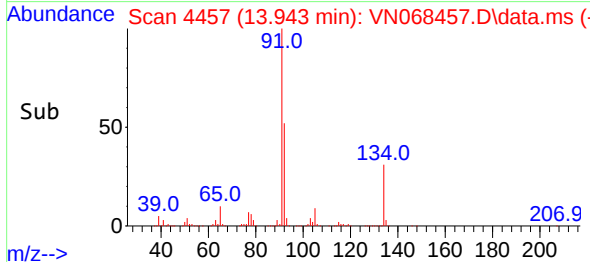
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



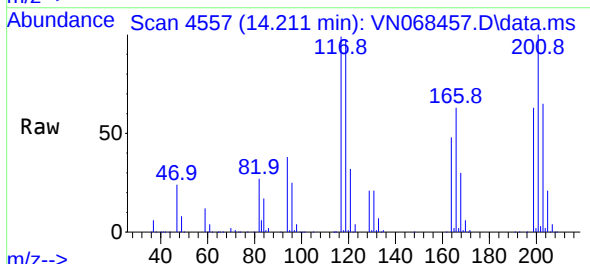
Tgt Ion: 91 Resp: 2243659
Ion Ratio Lower Upper
91 100
92 52.2 0.0 102.4
134 31.5 0.0 58.8

Manual Integrations
APPROVED

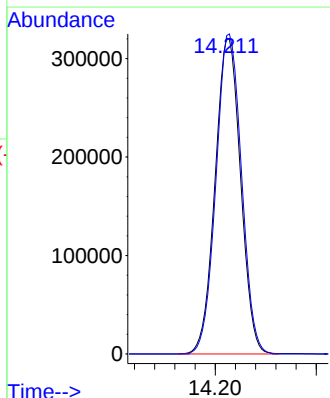
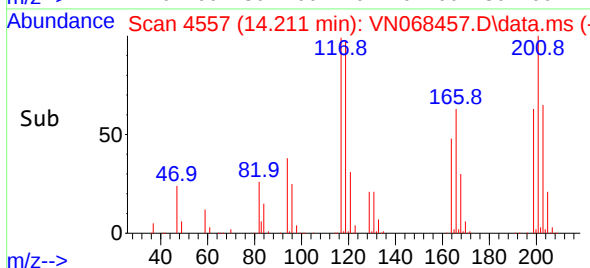
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

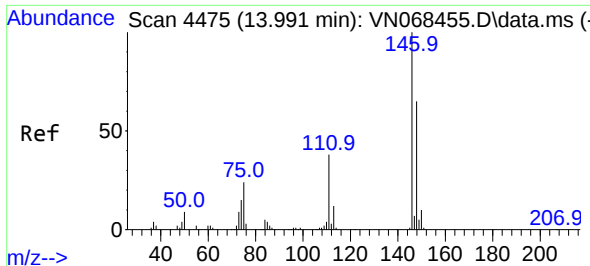


#86
Hexachloroethane
Concen: 106.799 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



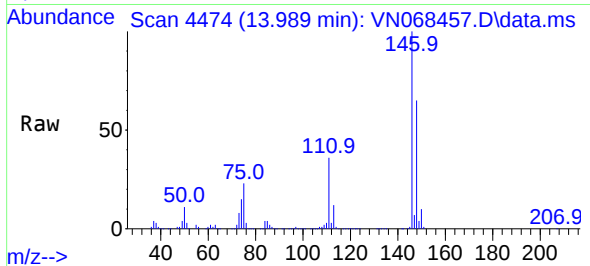
Tgt Ion:117 Resp: 561027
Ion Ratio Lower Upper
117 100
201 101.3 43.6 130.8





#87
1,2-Dichlorobenzene
Concen: 107.156 ug/l
RT: 13.989 min Scan# 4475
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

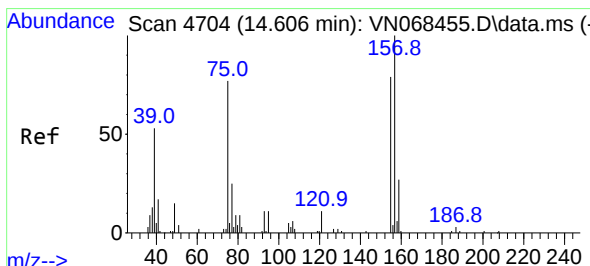
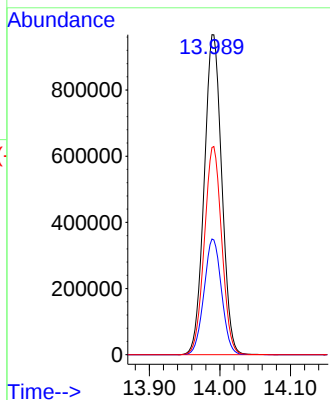
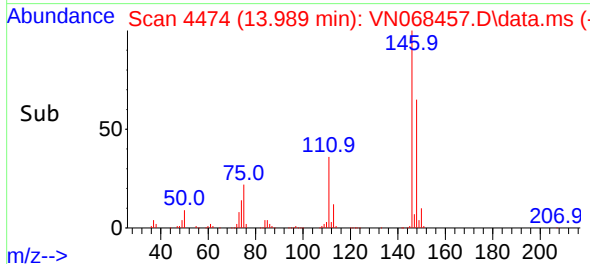
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



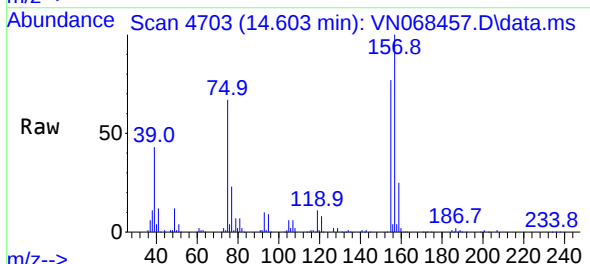
Tgt Ion:146 Resp: 167086
Ion Ratio Lower Upper
146 100
111 36.1 18.6 56.0
148 64.6 31.9 95.5

Manual Integrations
APPROVED

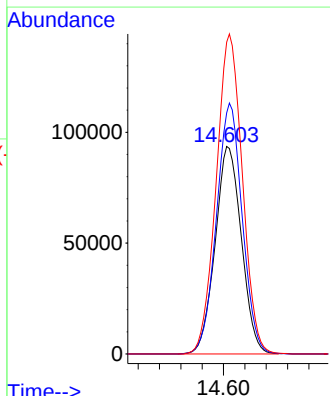
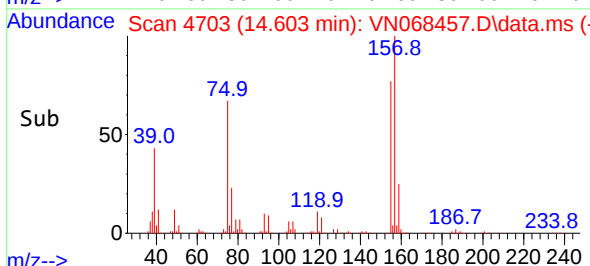
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

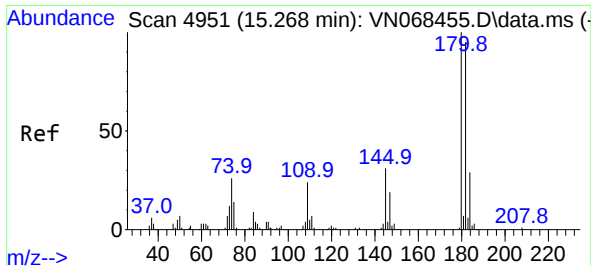


#88
1,2-Dibromo-3-Chloropropane
Concen: 105.543 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



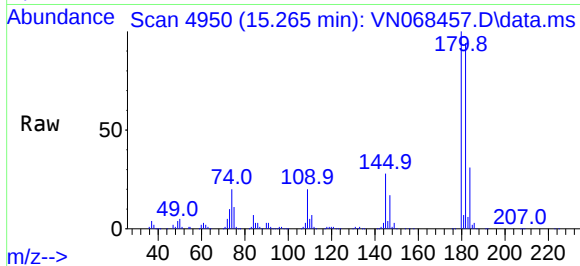
Tgt Ion: 75 Resp: 159753
Ion Ratio Lower Upper
75 100
155 119.1 83.3 124.9
157 153.8 104.9 157.3





#89
1,2,4-Trichlorobenzene
Concen: 119.779 ug/l
RT: 15.265 min Scan# 4951
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

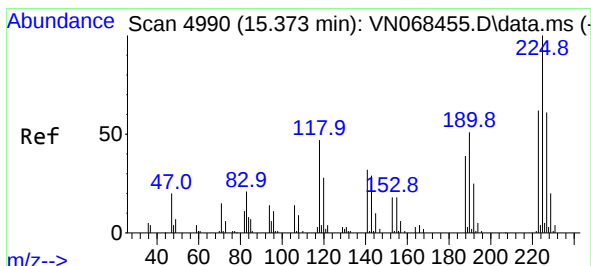
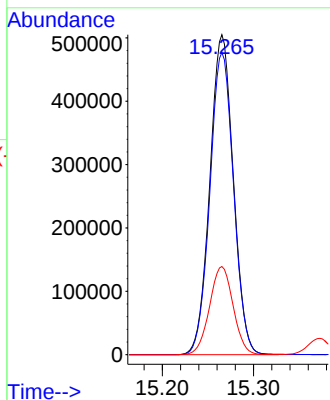
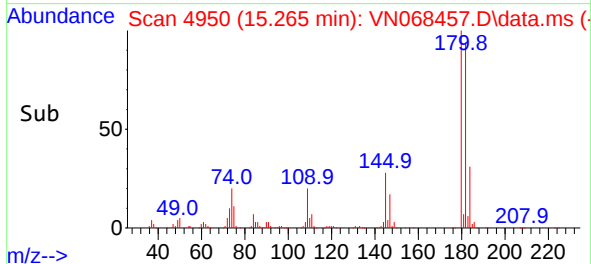
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



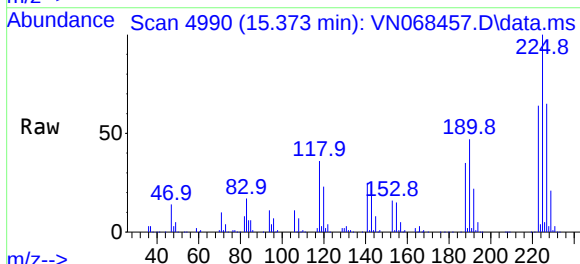
Tgt Ion:180 Resp: 90239
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.4
145 27.8 24.6 36.8

Manual Integrations
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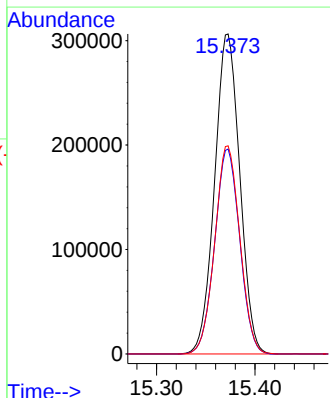
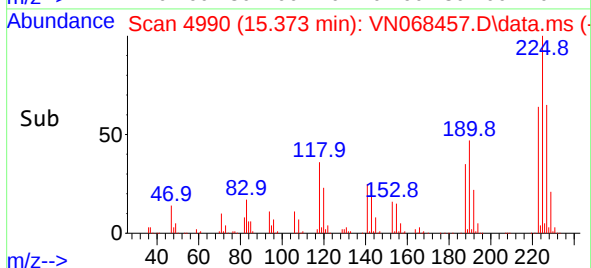
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

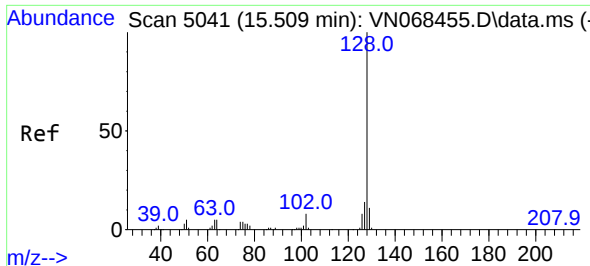


#90
Hexachlorobutadiene
Concen: 114.477 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55



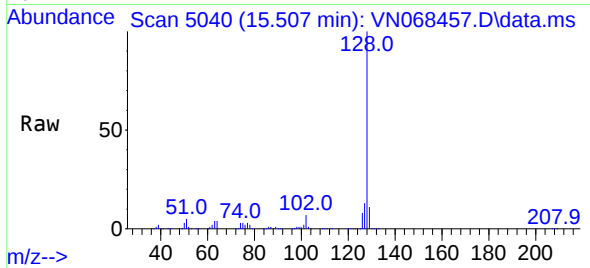
Tgt Ion:225 Resp: 545465
Ion Ratio Lower Upper
225 100
223 63.7 0.0 128.4
227 64.8 0.0 127.8





#91
Naphthalene
Concen: 118.125 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. -0.003 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

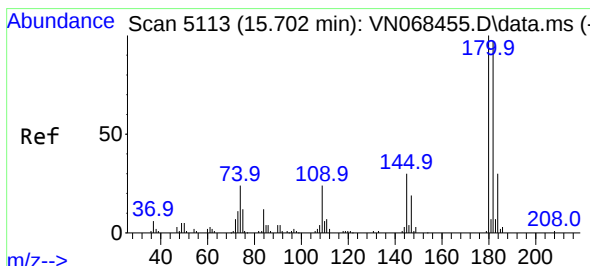
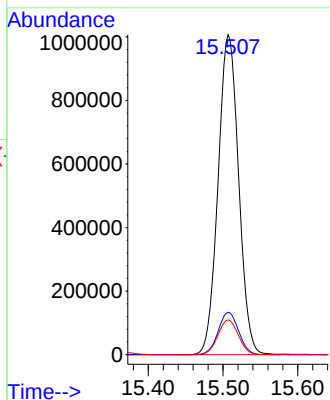
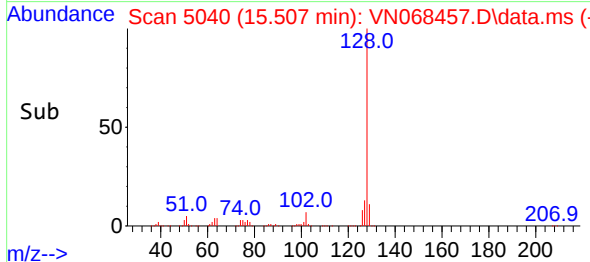
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 1919794
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#92
1,2,3-Trichlorobenzene
Concen: 117.174 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN068457.D
Acq: 13 Sep 2021 14:55

Tgt Ion:180 Resp: 831352
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.2
145 29.0 0.0 61.8

