

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069801.D
 Acq On : 6 Dec 2021 22:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:51:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1126821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1906480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1836728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	771067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	793523	45.610	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.220%		
35) Dibromofluoromethane	8.021	113	556130	46.570	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.140%		
50) Toluene-d8	10.443	98	2230074	46.508	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.020%		
62) 4-Bromofluorobenzene	12.731	95	847743	48.801	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	660879	50.285	ug/l	98
3) Chloromethane	2.301	50	766291	46.540	ug/l	100
4) Vinyl Chloride	2.443	62	727869	48.076	ug/l	99
5) Bromomethane	2.821	94	434717	52.852	ug/l	100
6) Chloroethane	2.998	64	444045	47.862	ug/l	99
7) Trichlorofluoromethane	3.363	101	953782	48.000	ug/l	99
8) Diethyl Ether	3.819	74	376087	49.143	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.197	101	542928	48.744	ug/l	96
10) Methyl Iodide	4.411	142	720426	47.345	ug/l	98
11) Tert butyl alcohol	5.393	59	940940	286.116	ug/l	96
12) 1,1-Dichloroethene	4.170	96	527066	49.105	ug/l	88
13) Acrolein	4.039	56	1039232	371.076	ug/l	100
14) Allyl chloride	4.832	41	1172584	48.482	ug/l	94
15) Acrylonitrile	5.557	53	2222682	250.817	ug/l	99
16) Acetone	4.291	43	2131714	203.685	ug/l	98
17) Carbon Disulfide	4.521	76	1320500	47.620	ug/l	99
18) Methyl Acetate	4.857	43	1559259	49.359	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	2124216	50.898	ug/l	97
20) Methylene Chloride	5.093	84	653037	46.937	ug/l	87
21) trans-1,2-Dichloroethene	5.591	96	563743	48.356	ug/l	85
22) Diisopropyl ether	6.501	45	2394481	50.651	ug/l	94
23) Vinyl Acetate	6.434	43	10075347	261.971	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1201988	49.084	ug/l	98
25) 2-Butanone	7.340	43	3353510	235.832	ug/l	91
26) 2,2-Dichloropropane	7.327	77	820554	43.097	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	693536	49.239	ug/l	89
28) Bromochloromethane	7.657	49	606230	47.606	ug/l #	80
29) Tetrahydrofuran	7.689	42	2190169	253.648	ug/l	89
30) Chloroform	7.817	83	1225817	49.565	ug/l	99
31) Cyclohexane	8.094	56	1131034	46.713	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	1059021	50.270	ug/l	96
36) 1,1-Dichloropropene	8.222	75	880189	48.498	ug/l	97
37) Ethyl Acetate	7.415	43	1293582	47.888	ug/l	96
38) Carbon Tetrachloride	8.204	117	873624	49.087	ug/l	100
39) Methylcyclohexane	9.459	83	1058480	49.031	ug/l	90
40) Benzene	8.458	78	2694540	48.572	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	652337	51.444	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1075478	48.025	ug/l	97
43) Isopropyl Acetate	8.563	43	2066594	51.698	ug/l #	93
44) Trichloroethene	9.217	130	640468	48.371	ug/l	94
45) 1,2-Dichloropropane	9.491	63	730090	49.009	ug/l	100
46) Dibromomethane	9.577	93	476467	48.769	ug/l	94
47) Bromodichloromethane	9.762	83	920268	49.750	ug/l	100
48) Methyl methacrylate	9.561	41	948299	50.833	ug/l	87
49) 1,4-Dioxane	9.572	88	361735	1080.682	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	6862700	264.638	ug/l	96
52) Toluene	10.505	92	1710114	50.493	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	1016435	45.920	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	1083524	46.542	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	684774	50.111	ug/l	98
56) Ethyl methacrylate	10.762	69	1231207	47.853	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1202776	49.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	1719697	247.202	ug/l	92
59) 2-Hexanone	11.087	43	5169641	263.528	ug/l	93
60) Dibromochloromethane	11.240	129	681947	46.739	ug/l	99
61) 1,2-Dibromoethane	11.347	107	725934	51.289	ug/l	100
64) Tetrachloroethene	10.980	164	556684	44.698	ug/l	94
65) Chlorobenzene	11.771	112	1816068	48.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	661080	50.407	ug/l	99
67) Ethyl Benzene	11.846	91	3395210	50.162	ug/l	96
68) m/p-Xylenes	11.953	106	2511713	101.917	ug/l	93
69) o-Xylene	12.280	106	1260577	50.781	ug/l	92
70) Styrene	12.294	104	2052837	52.151	ug/l	96
71) Bromoform	12.460	173	522741	46.787	ug/l #	99
73) Isopropylbenzene	12.578	105	3321932	48.422	ug/l	98
74) N-amyl acetate	12.388	43	1623661	53.517	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1129770	47.623	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	956155m	43.241	ug/l	
77) Bromobenzene	12.862	156	774376	48.056	ug/l	79
78) n-propylbenzene	12.921	91	3768040	49.358	ug/l	96
79) 2-Chlorotoluene	13.010	91	2318203	48.058	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2703941	48.969	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	310609	46.300	ug/l	94
82) 4-Chlorotoluene	13.106	91	2195253	48.392	ug/l	93
83) tert-Butylbenzene	13.324	119	2386655	48.813	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2666905	50.714	ug/l	97
85) sec-Butylbenzene	13.503	105	3293298	49.658	ug/l	97
86) p-Isopropyltoluene	13.616	119	2599892	50.153	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1273269	48.098	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1228432	47.219	ug/l	97
89) n-Butylbenzene	13.943	91	2131715	50.693	ug/l	97
90) Hexachloroethane	14.211	117	464173	51.000	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1235372	47.894	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	216640	50.537	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	583114	46.318	ug/l	98
94) Hexachlorobutadiene	15.370	225	314737	46.042	ug/l	99
95) Naphthalene	15.507	128	1812836	48.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	581423	47.297	ug/l	99

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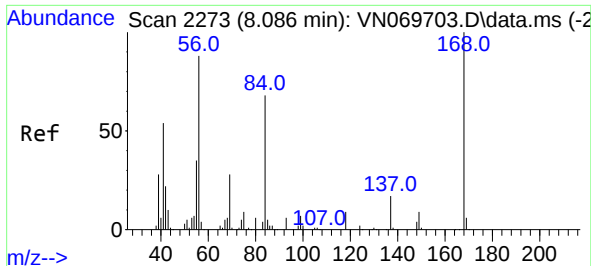
Manual Integrations
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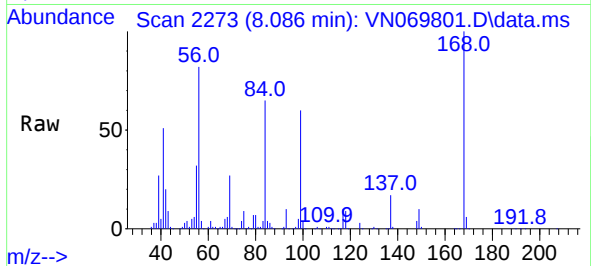
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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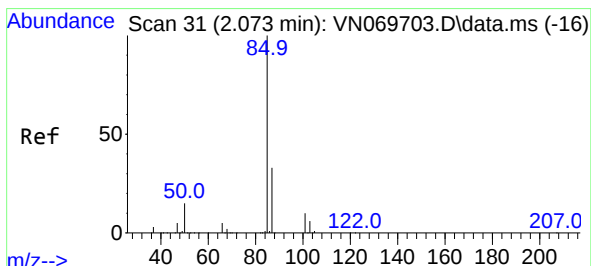
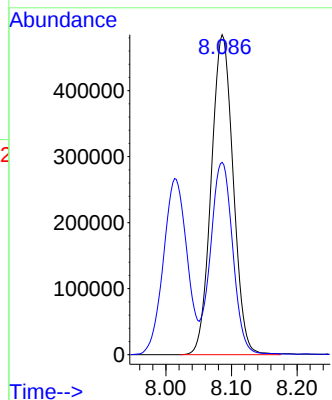
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 112682
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

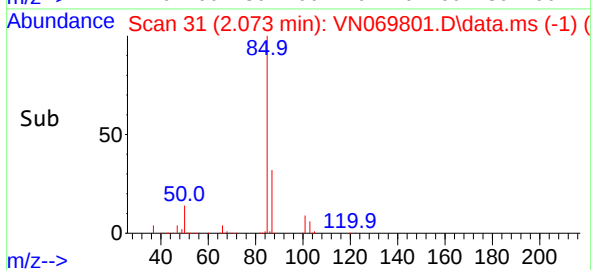
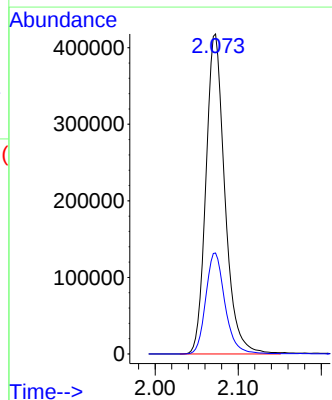
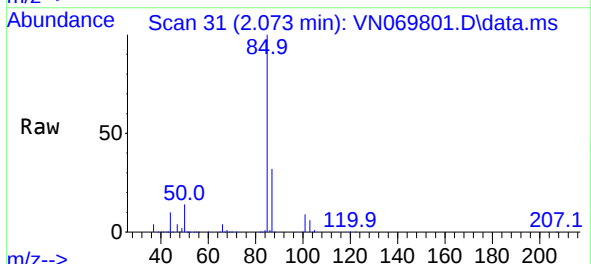
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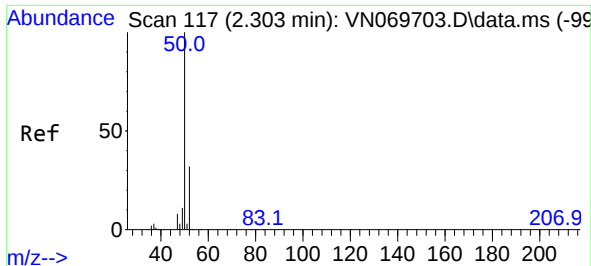
Reviewed By :John Carlone 12/07/2021
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#2
Dichlorodifluoromethane
Concen: 50.285 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

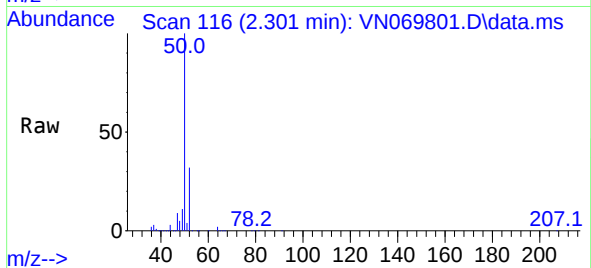
Tgt Ion: 85 Resp: 660879
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 46.540 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

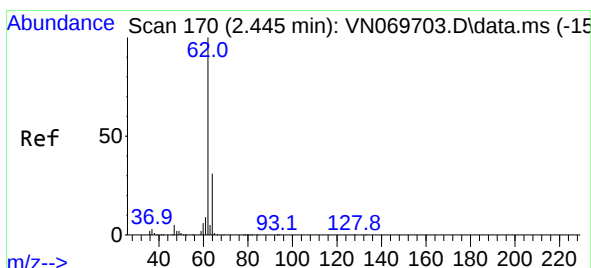
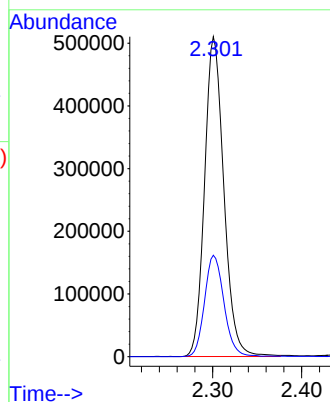
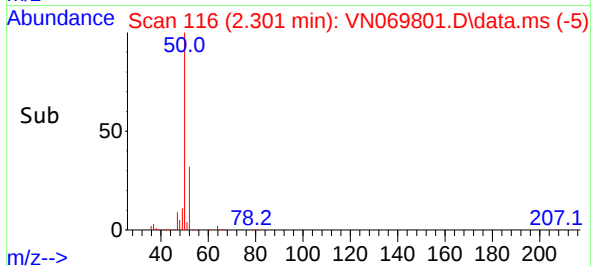
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Tgt Ion: 50 Resp: 76629
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

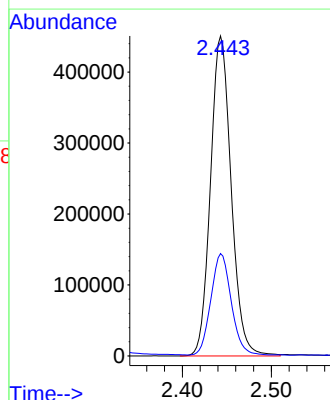
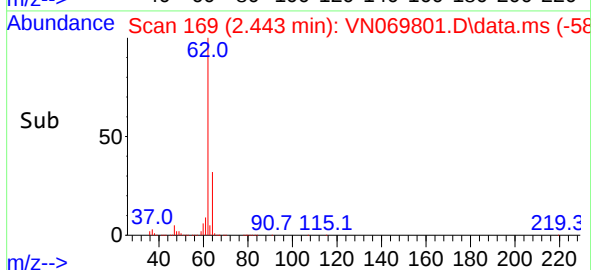
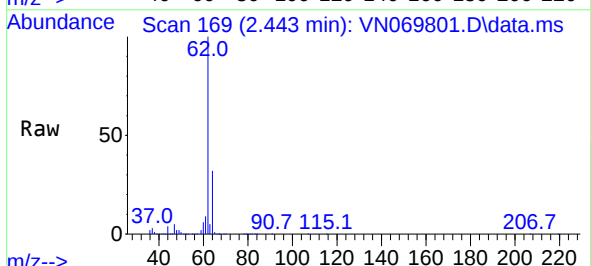
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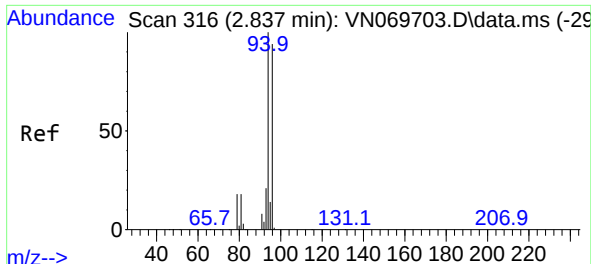
Reviewed By :John Carlone 12/07/2021
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#4
Vinyl Chloride
Concen: 48.076 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

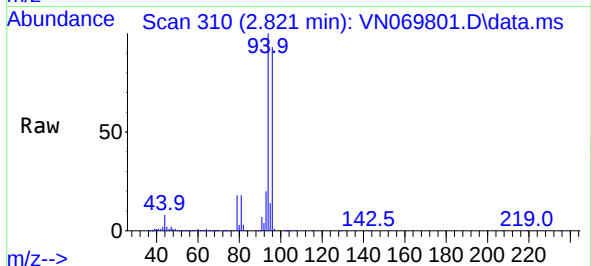
Tgt Ion: 62 Resp: 727869
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 52.852 ug/l
RT: 2.821 min Scan# 316
Delta R.T. -0.016 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

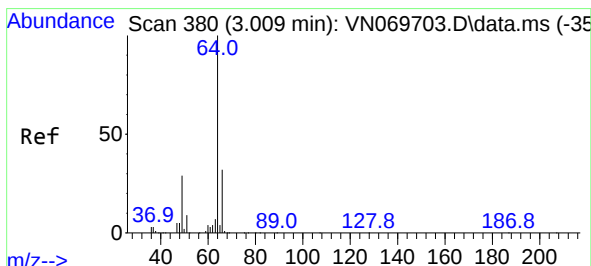
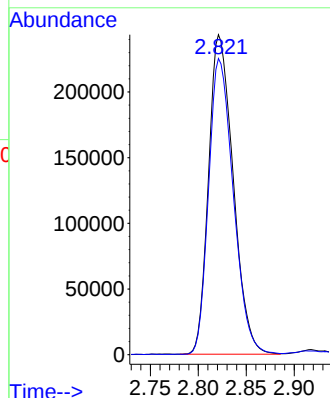
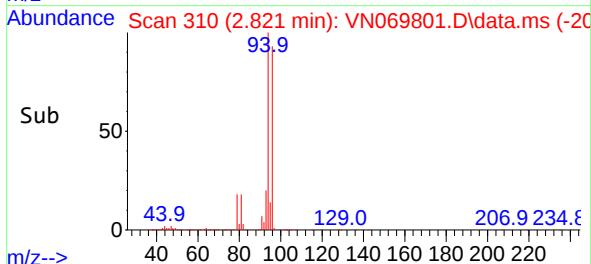
Instrument :
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Tgt Ion: 94 Resp: 43471
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

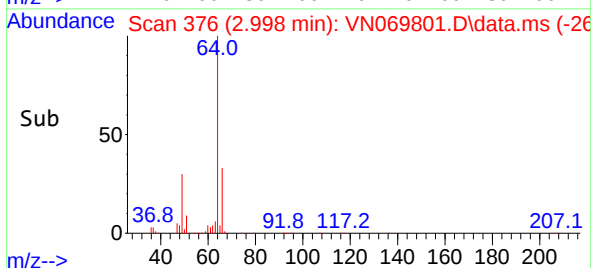
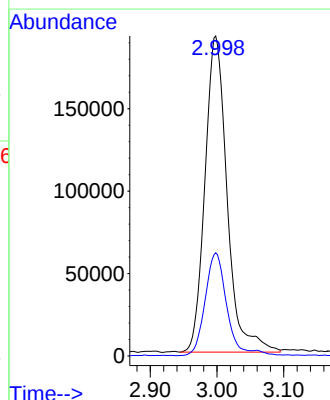
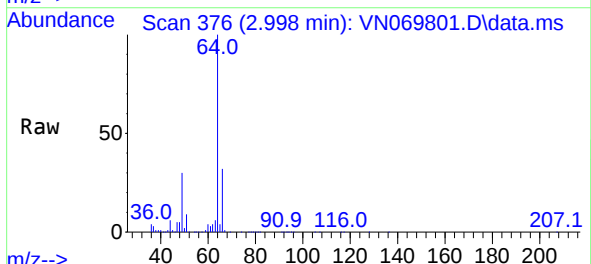
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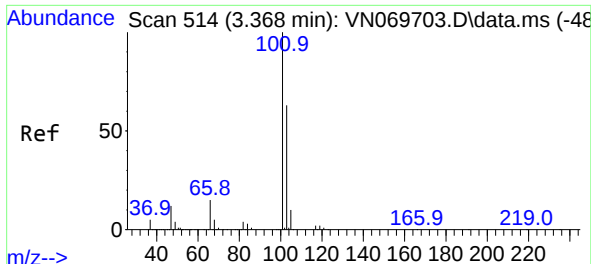
Reviewed By :John Carlone 12/07/2021
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#6
Chloroethane
Concen: 47.862 ug/l
RT: 2.998 min Scan# 376
Delta R.T. -0.011 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Tgt Ion: 64 Resp: 444045
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5





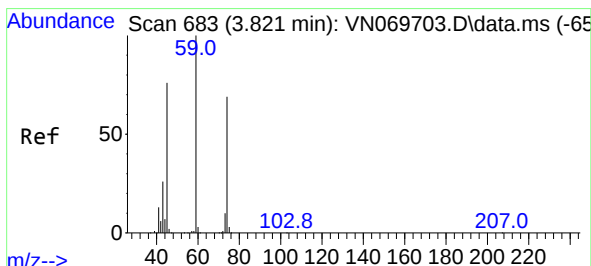
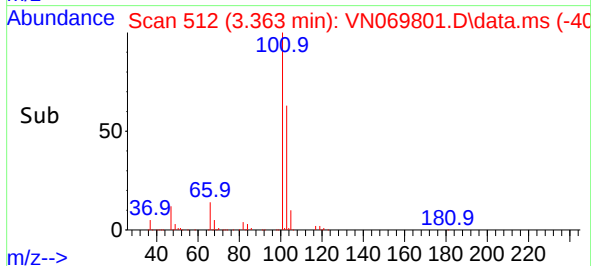
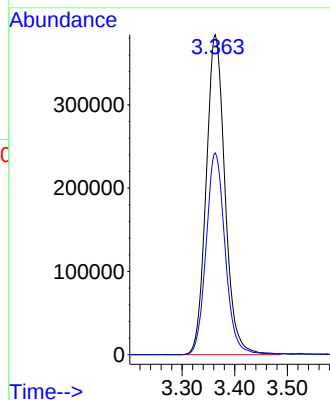
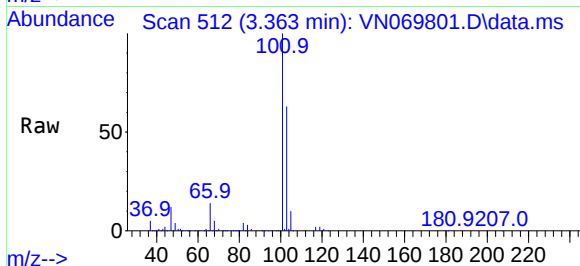
#7
Trichlorofluoromethane
Concen: 48.000 ug/l
RT: 3.363 min Scan# 514
Delta R.T. -0.005 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Instrument :
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Tgt Ion:101 Resp: 95378
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

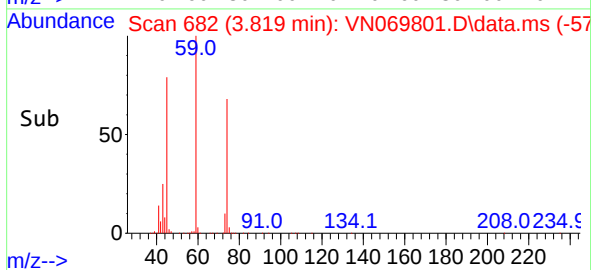
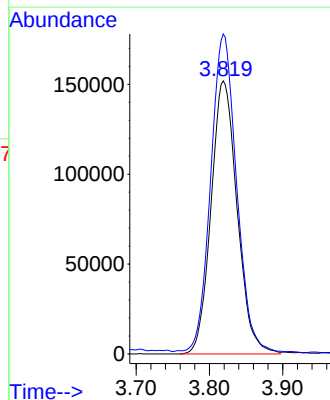
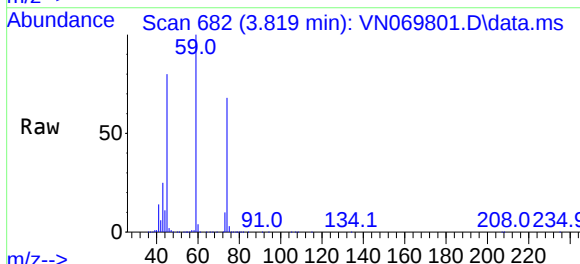
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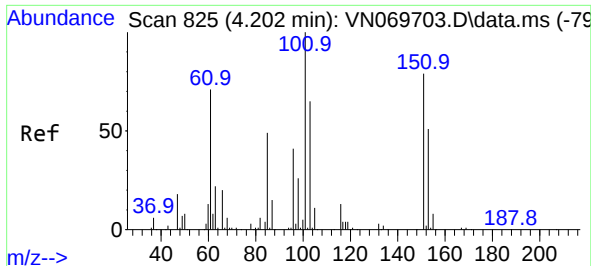
Reviewed By :John Carlone 12/07/2021
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#8
Diethyl Ether
Concen: 49.143 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.002 min
Lab File: VN069801.D
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Tgt Ion: 74 Resp: 376087
Ion Ratio Lower Upper
74 100
45 114.8 47.0 141.2





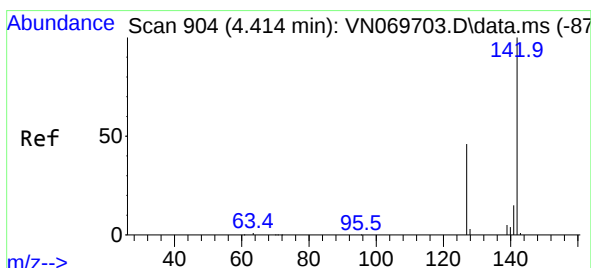
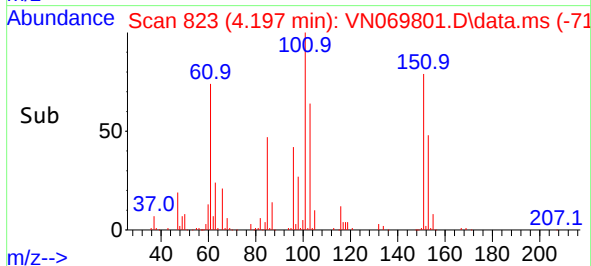
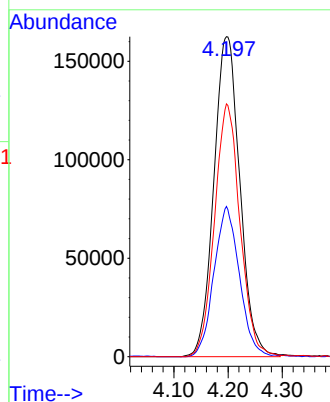
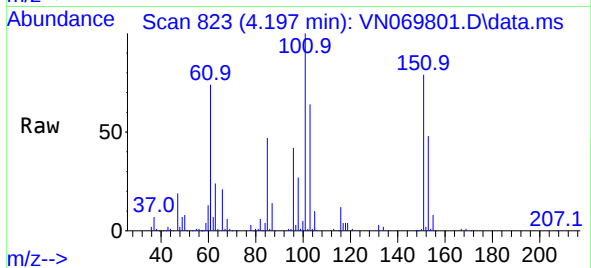
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.744 ug/l
RT: 4.197 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 542928
Ion Ratio Lower Upper
101 100
85 45.8 37.2 55.8
151 77.3 65.9 98.9

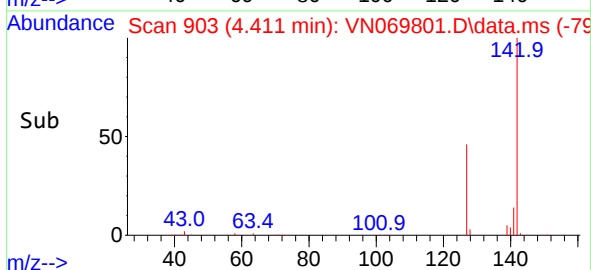
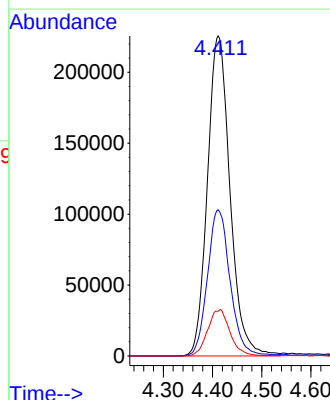
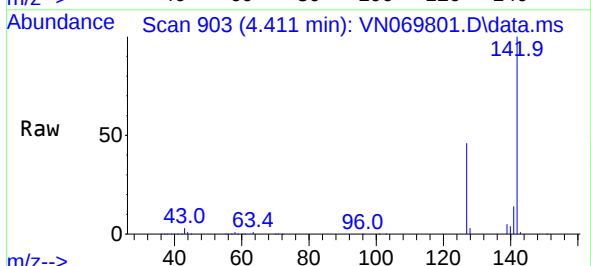
Manual Integrations
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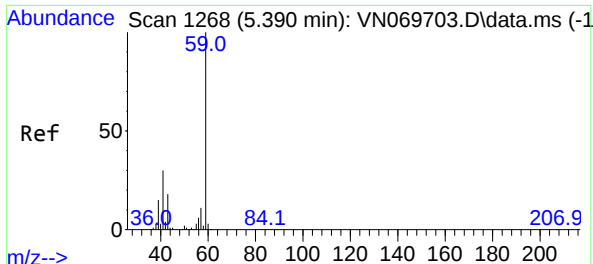
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#10
Methyl Iodide
Concen: 47.345 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

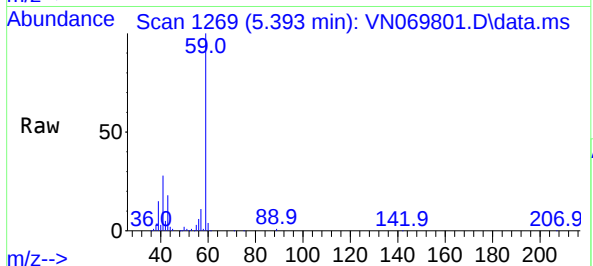
Tgt Ion:142 Resp: 720426
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 286.116 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

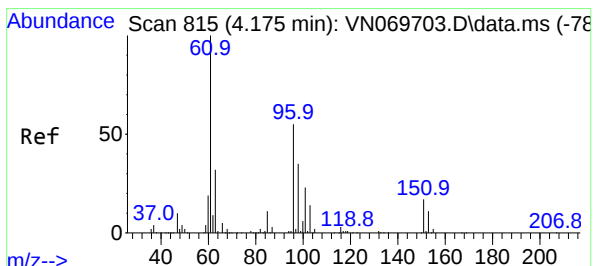
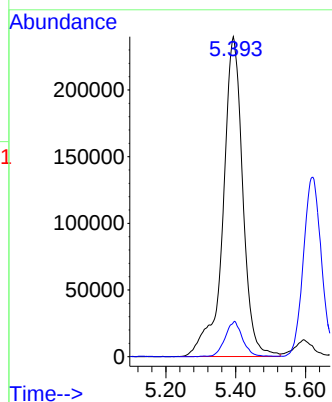
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 940940
Ion Ratio Lower Upper
59 100
57 9.4 8.7 13.1

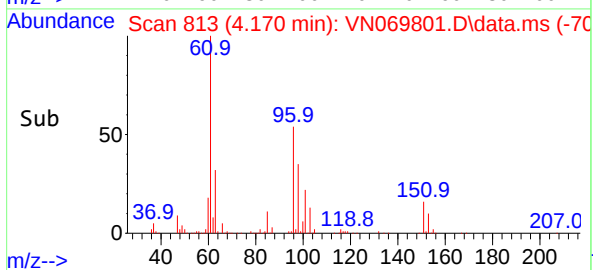
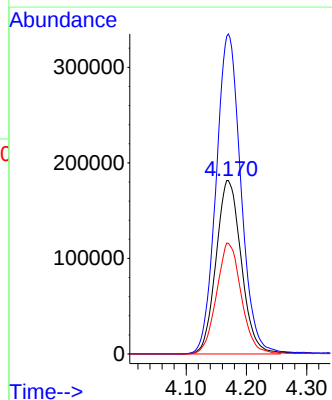
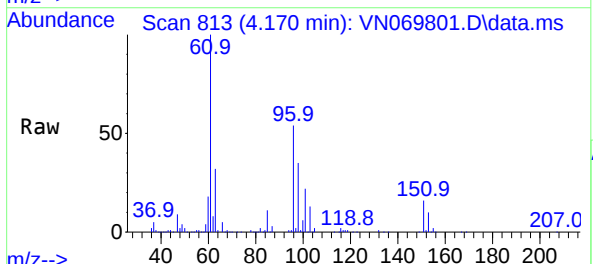
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#12
1,1-Dichloroethene
Concen: 49.105 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.005 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

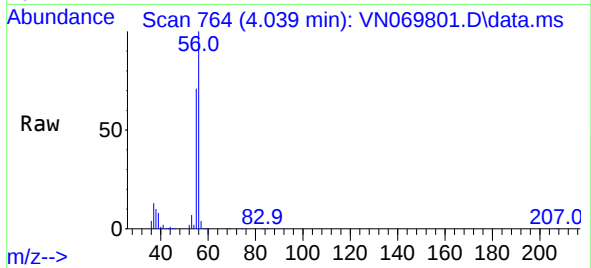
Tgt Ion: 96 Resp: 527066
Ion Ratio Lower Upper
96 100
61 184.5 131.0 196.6
98 63.9 52.4 78.6





#13
Acrolein
Concen: 371.076 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

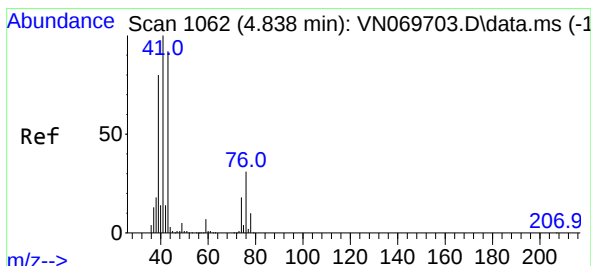
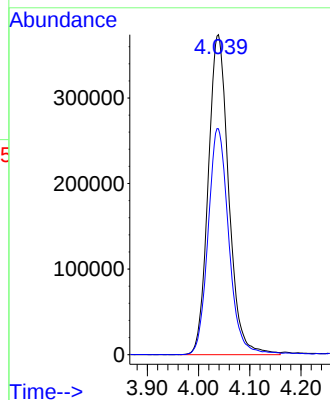
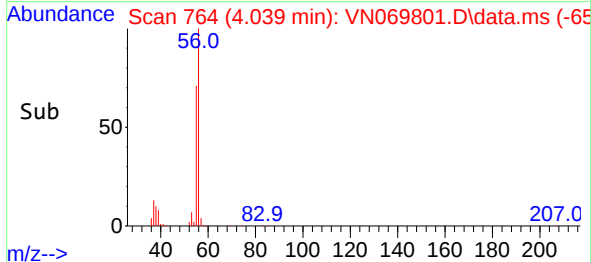
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



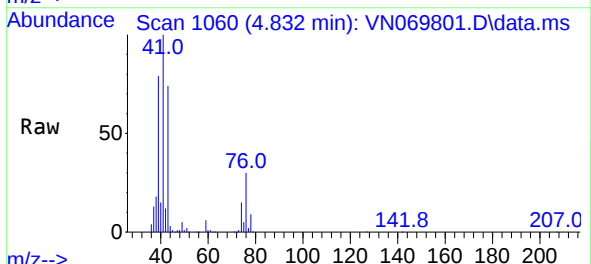
Tgt Ion: 56 Resp: 103923
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

Manual Integrations
APPROVED

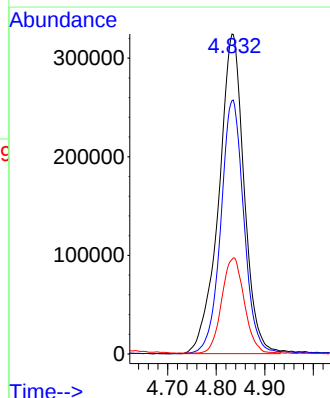
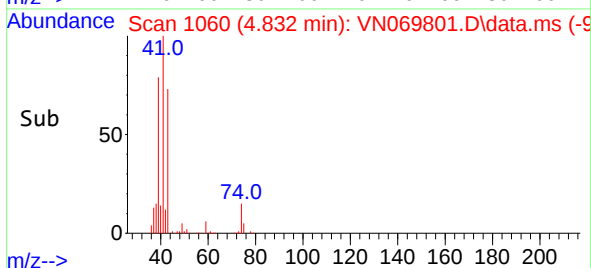
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

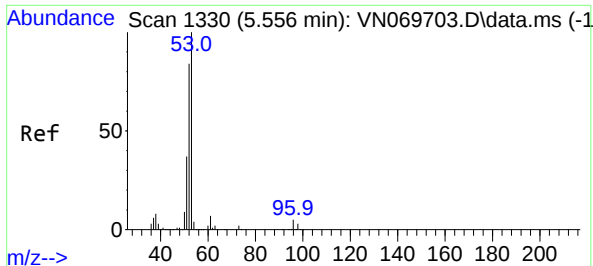


#14
Allyl chloride
Concen: 48.482 ug/l
RT: 4.832 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



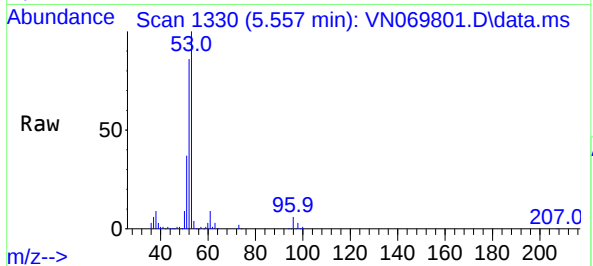
Tgt Ion: 41 Resp: 1172584
Ion Ratio Lower Upper
41 100
39 72.5 61.2 91.8
76 26.6 26.0 39.0





#15
Acrylonitrile
Concen: 250.817 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

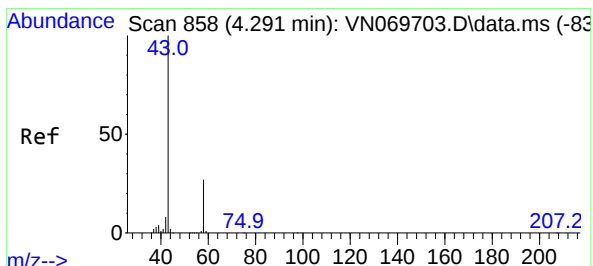
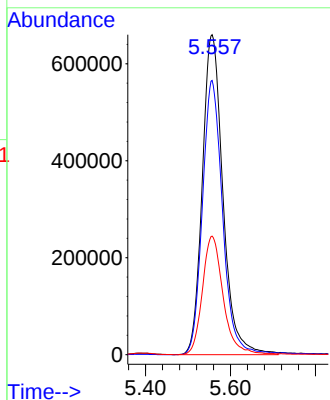
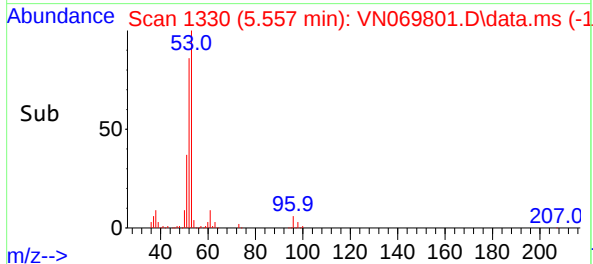
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 222268
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 37.3 29.6 44.4

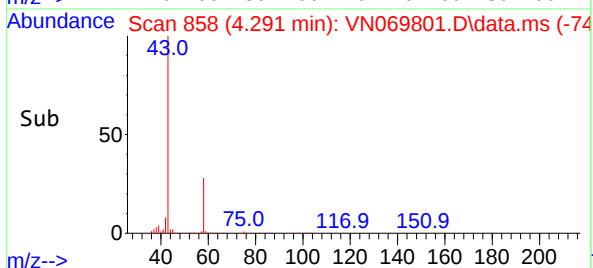
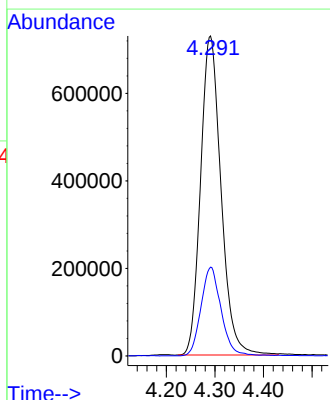
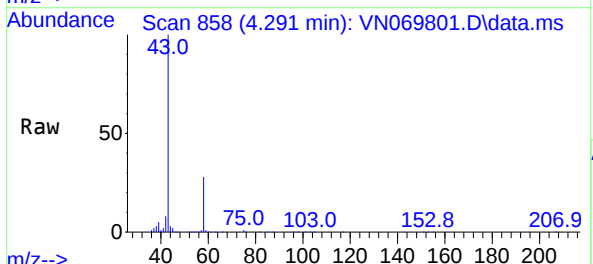
Manual Integrations
APPROVED

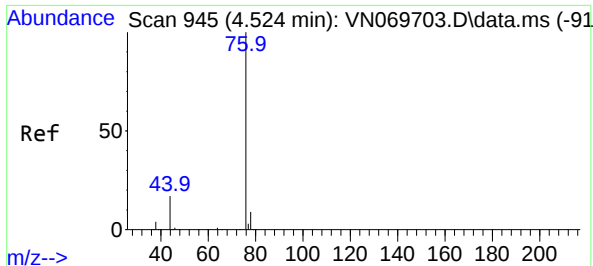
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#16
Acetone
Concen: 203.685 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

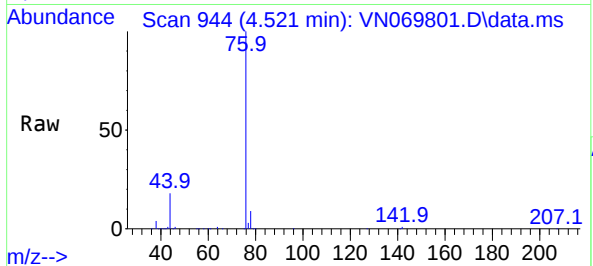
Tgt Ion: 43 Resp: 2131714
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7





#17
Carbon Disulfide
Concen: 47.620 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

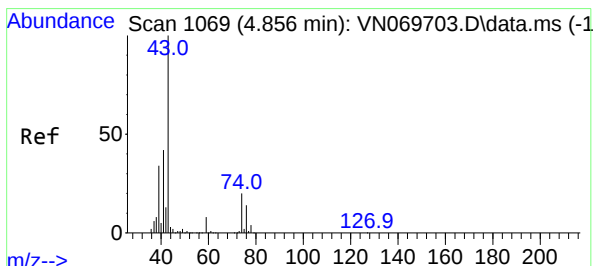
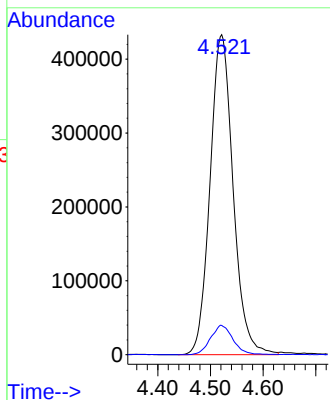
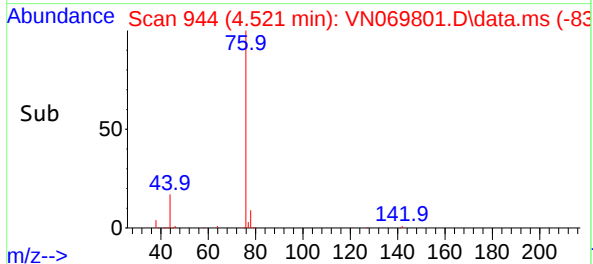
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



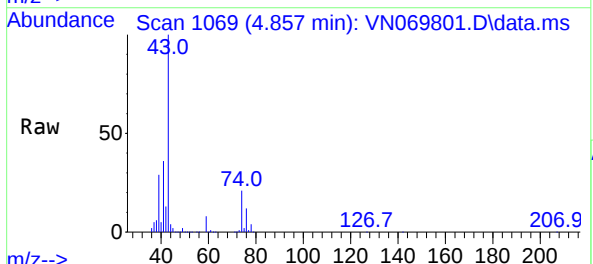
Tgt Ion: 76 Resp: 1320500
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

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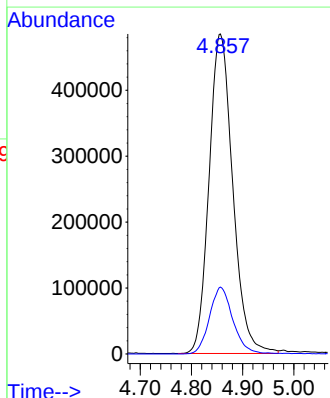
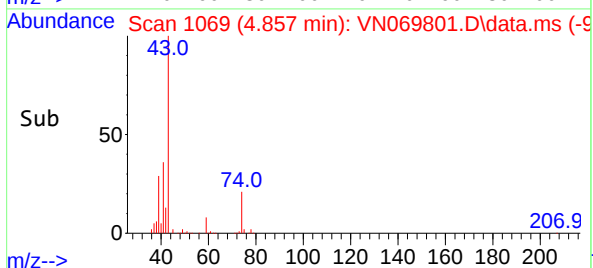
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

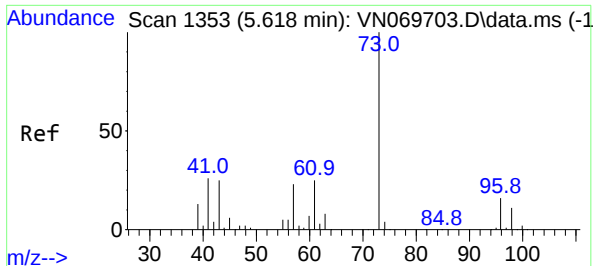


#18
Methyl Acetate
Concen: 49.359 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



Tgt Ion: 43 Resp: 1559259
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.898 ug/l

RT: 5.621 min Scan# 11354

Delta R.T. 0.003 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 2124210

Ion Ratio Lower Upper

73 100

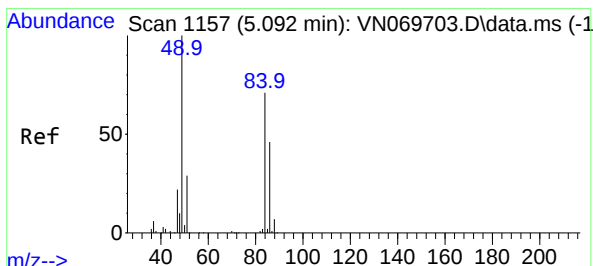
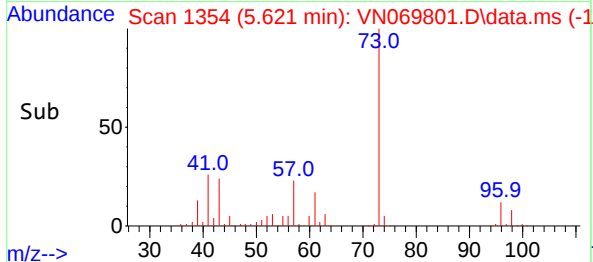
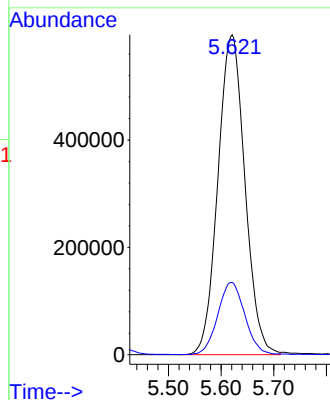
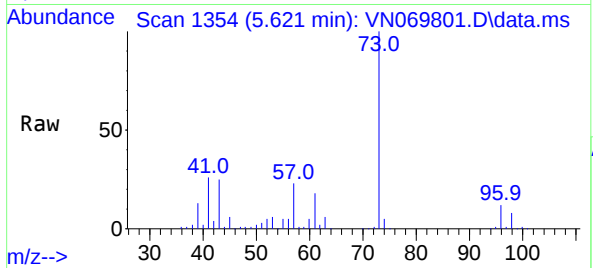
57 22.5 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#20

Methylene Chloride

Concen: 46.937 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

Tgt Ion: 84 Resp: 653037

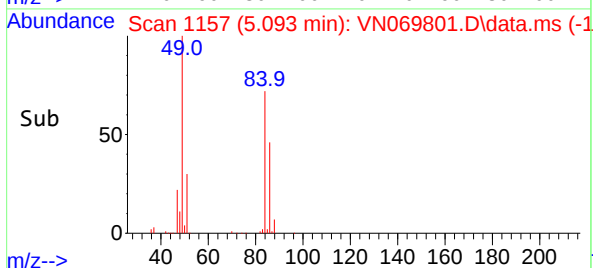
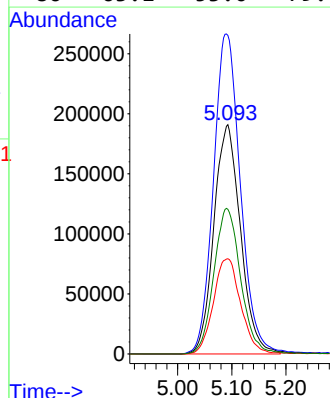
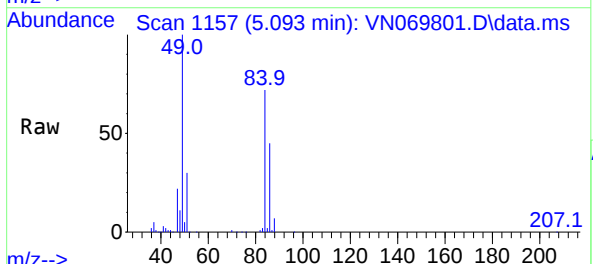
Ion Ratio Lower Upper

84 100

49 139.0 93.5 140.3

51 41.6 29.4 44.2

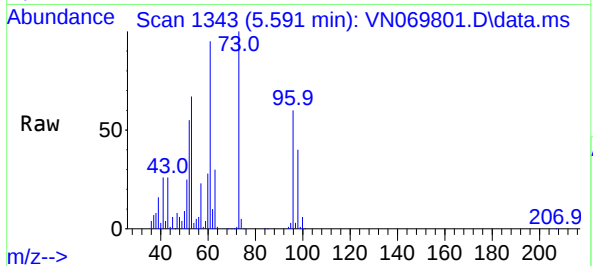
86 63.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.356 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

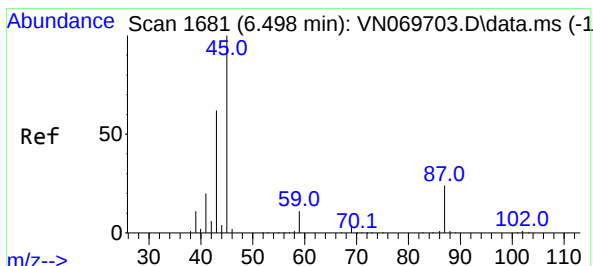
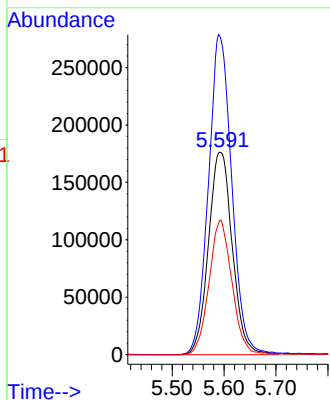
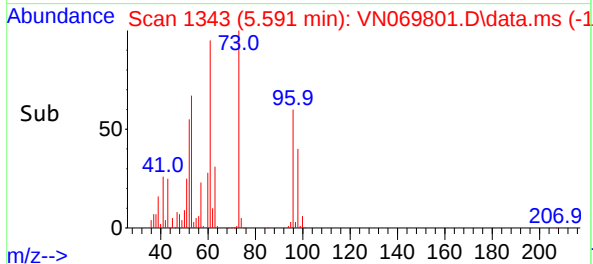
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



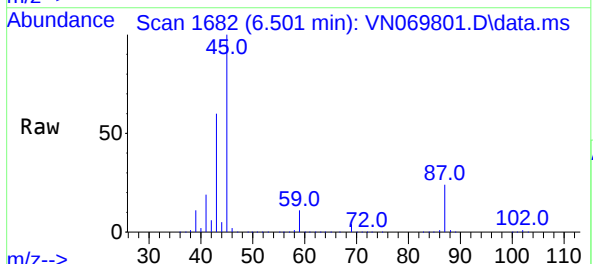
Tgt Ion: 96 Resp: 56374
Ion Ratio Lower Upper
96 100
61 157.5 105.8 158.6
98 66.3 52.0 78.0

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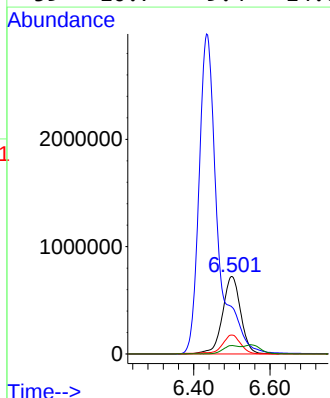
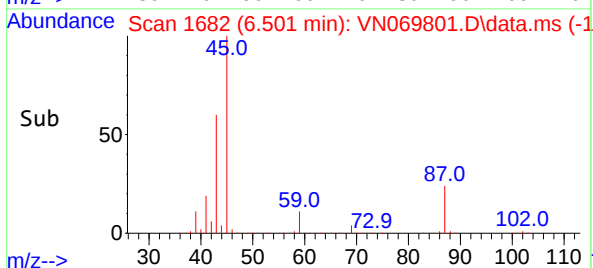
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

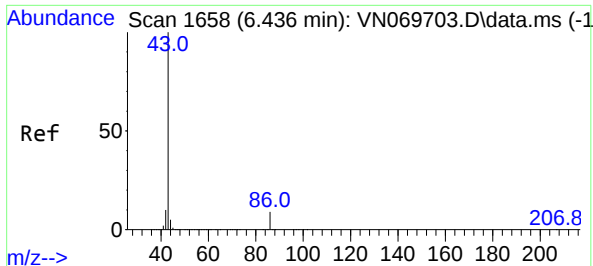


#22
Diisopropyl ether
Concen: 50.651 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



Tgt Ion: 45 Resp: 2394481
Ion Ratio Lower Upper
45 100
43 60.2 51.7 77.5
87 24.2 23.2 34.8
59 10.7 9.4 14.0





#23

Vinyl Acetate

Concen: 261.971 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.002 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp:1007534

Ion Ratio Lower Upper

43 100

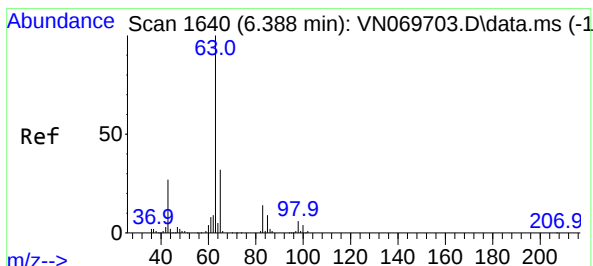
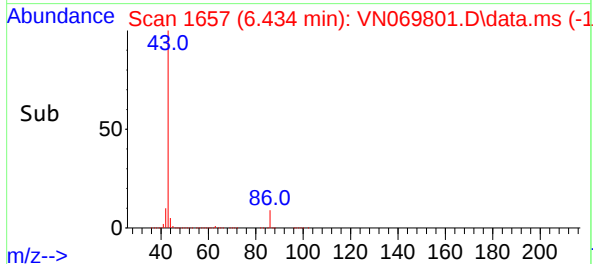
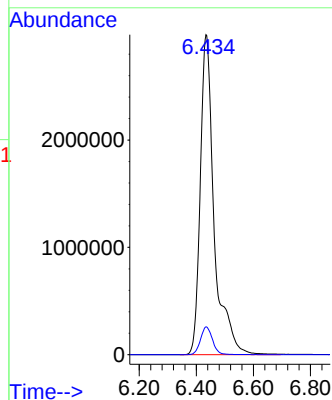
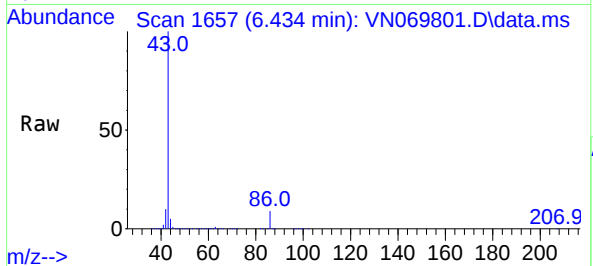
86 8.7 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#24

1,1-Dichloroethane

Concen: 49.084 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. -0.002 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

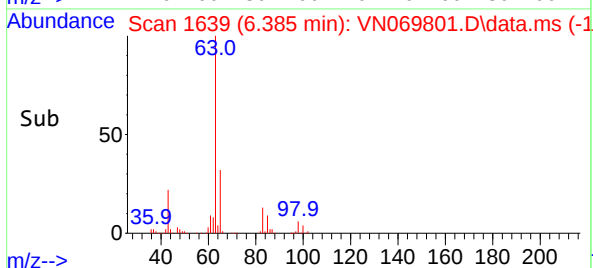
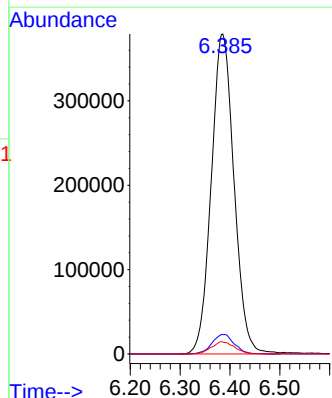
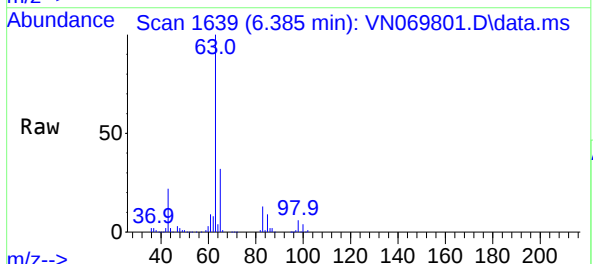
Tgt Ion: 63 Resp: 1201988

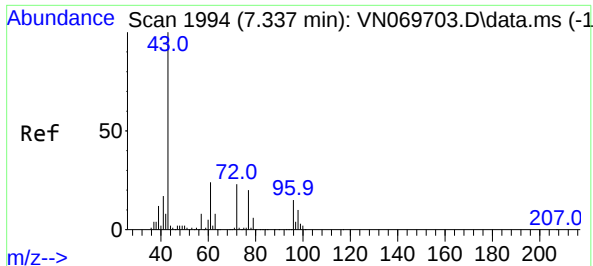
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 3.8 2.1 6.5





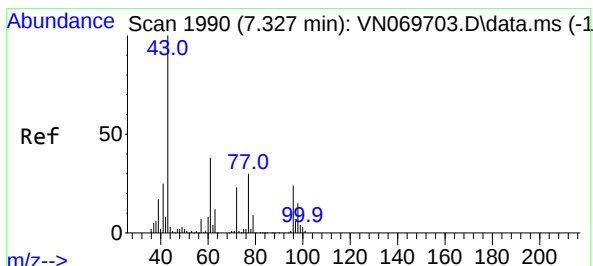
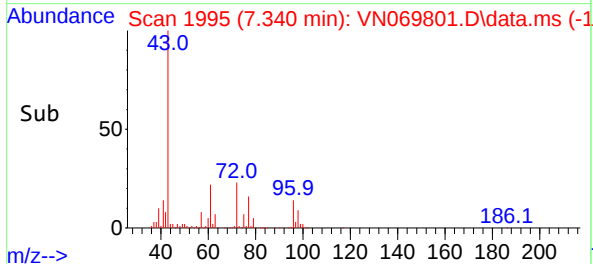
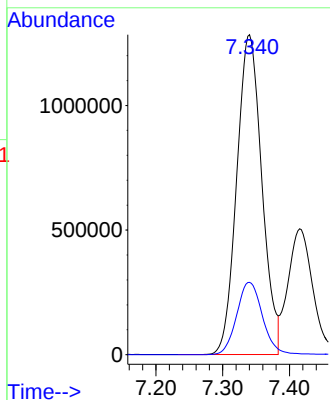
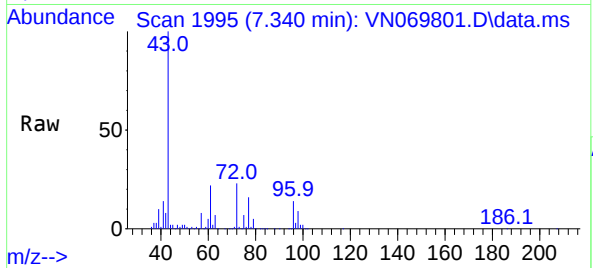
#25
2-Butanone
Concen: 235.832 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 3353510
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

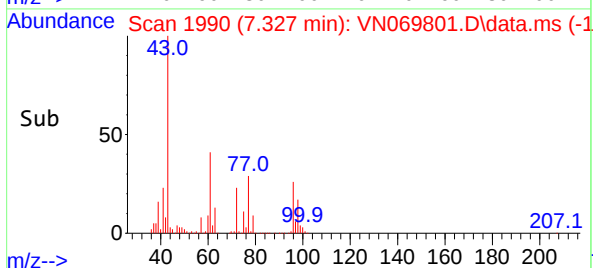
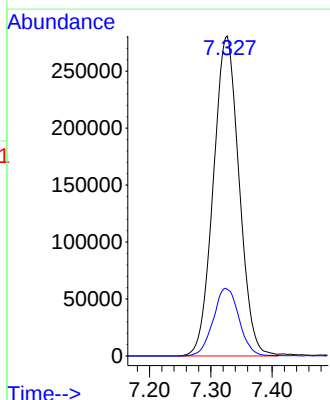
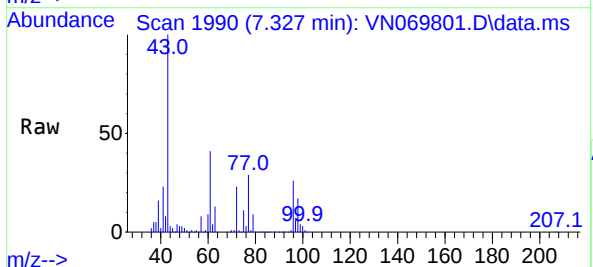
Manual Integrations
APPROVED

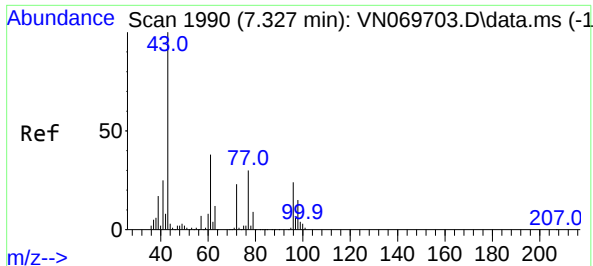
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#26
2,2-Dichloropropane
Concen: 43.097 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

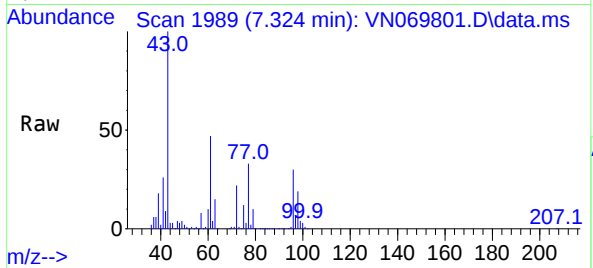
Tgt Ion: 77 Resp: 820554
Ion Ratio Lower Upper
77 100
97 21.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 49.239 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

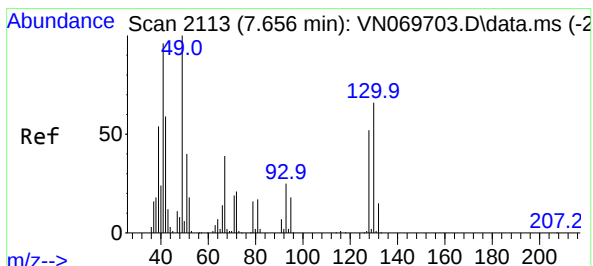
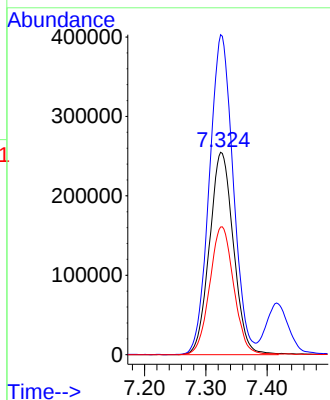
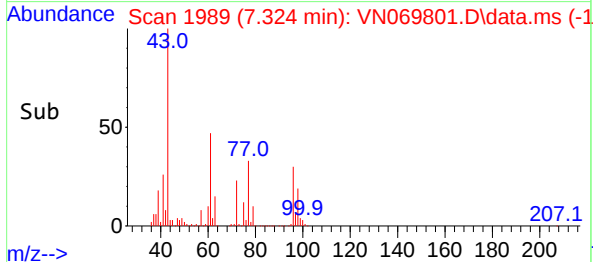
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 693530
Ion Ratio Lower Upper
96 100
61 156.9 0.0 275.0
98 63.5 0.0 129.6

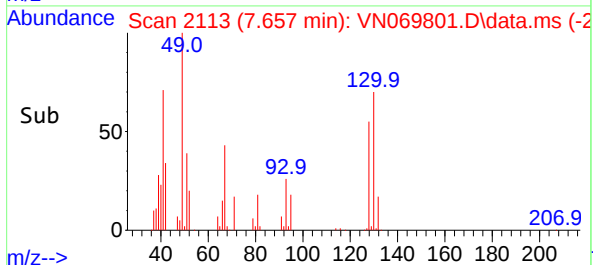
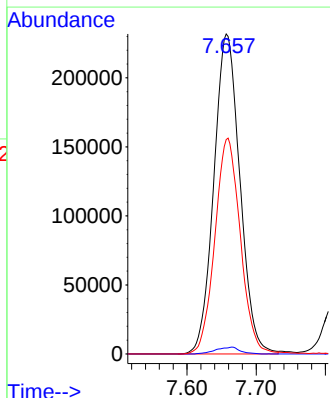
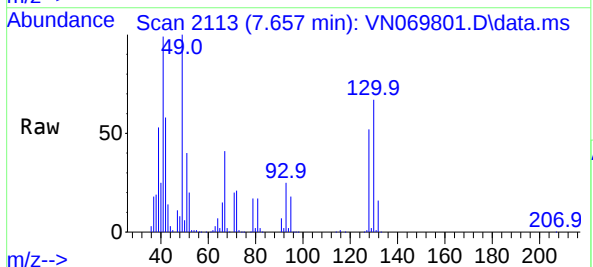
Manual Integrations
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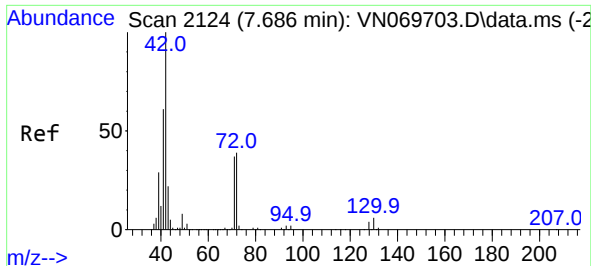
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#28
Bromochloromethane
Concen: 47.606 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Tgt Ion: 49 Resp: 606230
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 66.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 253.648 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.003 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 2190169

Ion Ratio Lower Upper

42 100

72 38.5 36.3 54.5

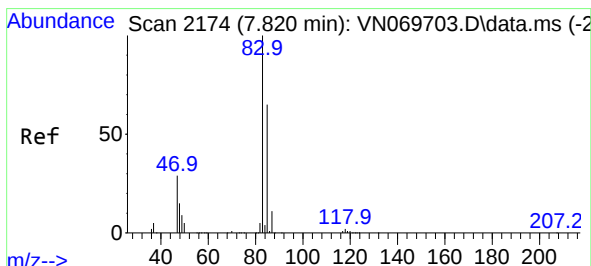
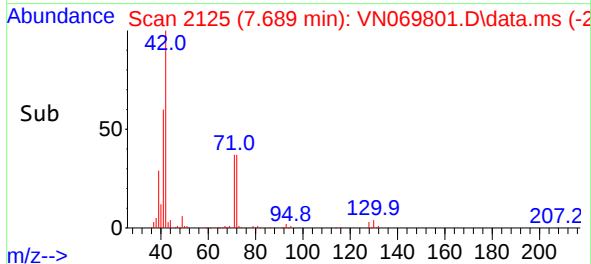
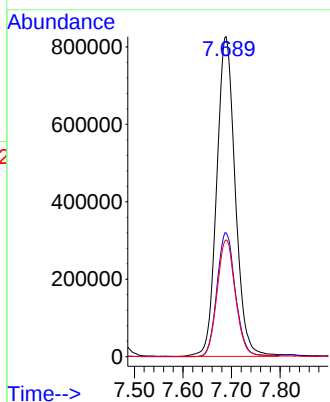
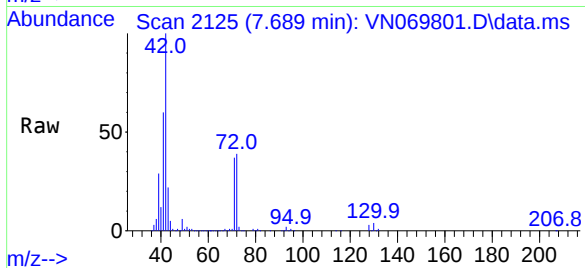
71 36.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#30

Chloroform

Concen: 49.565 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069801.D

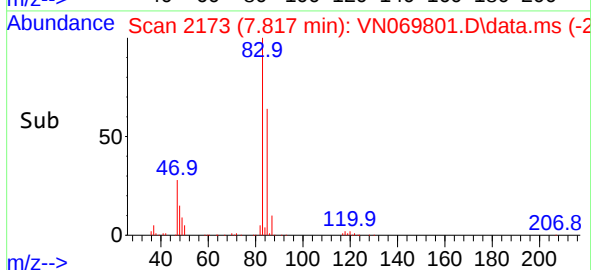
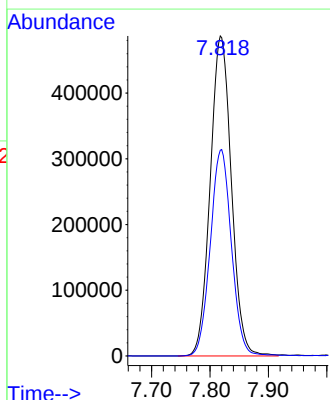
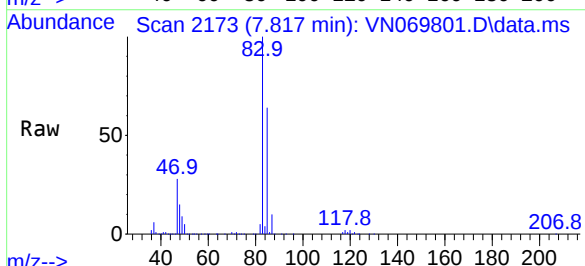
Acq: 6 Dec 2021 22:45

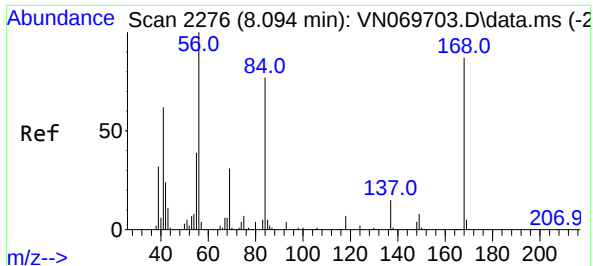
Tgt Ion: 83 Resp: 1225817

Ion Ratio Lower Upper

83 100

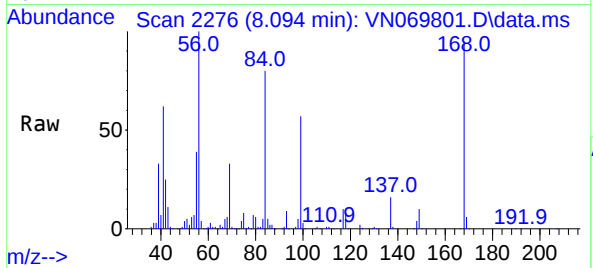
85 64.3 51.9 77.9





#31
Cyclohexane
Concen: 46.713 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

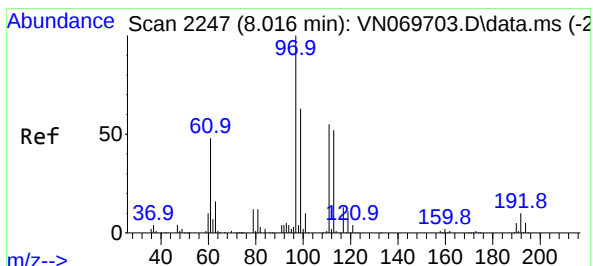
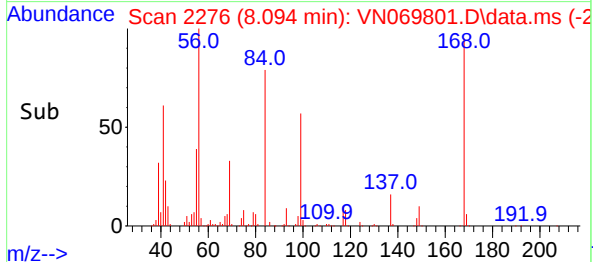
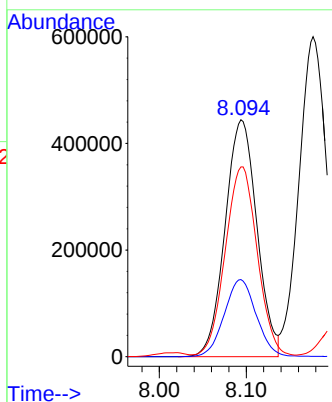
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1131034
Ion Ratio Lower Upper
56 100
69 32.5 27.1 40.7
84 78.4 73.4 110.0

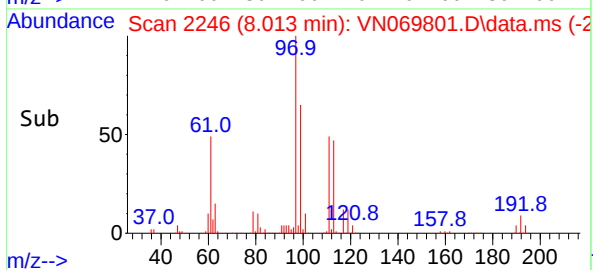
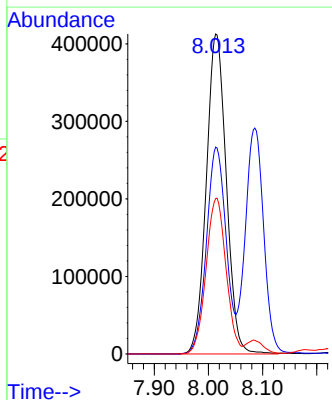
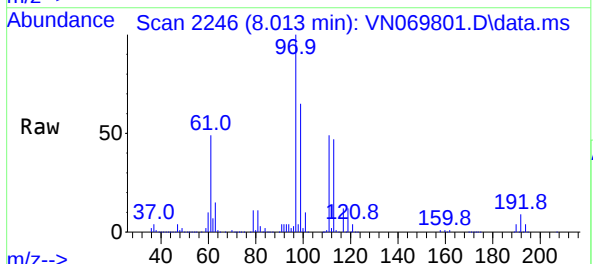
Manual Integrations
APPROVED

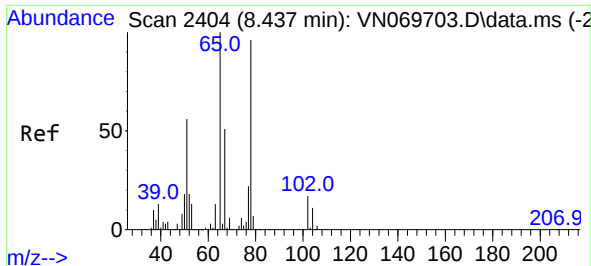
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#32
1,1,1-Trichloroethane
Concen: 50.270 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Tgt Ion: 97 Resp: 1059021
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 48.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.610 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 79352

Ion Ratio Lower Upper

65 100

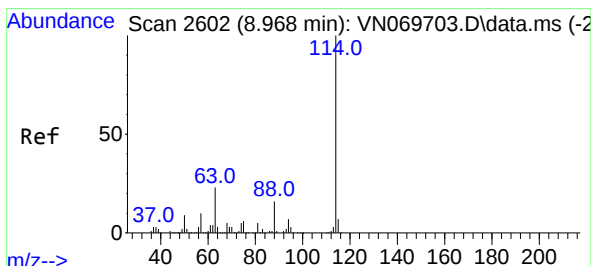
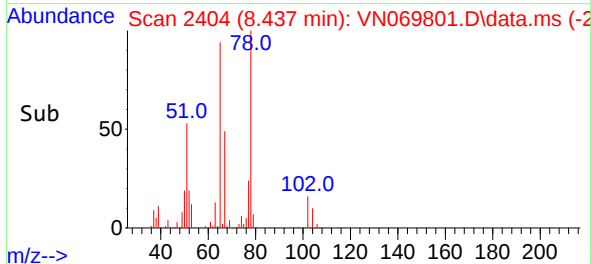
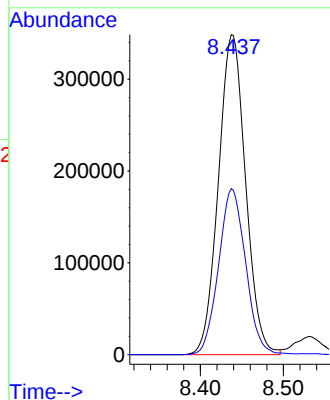
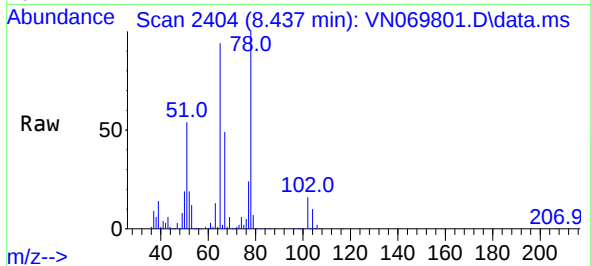
67 51.7 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

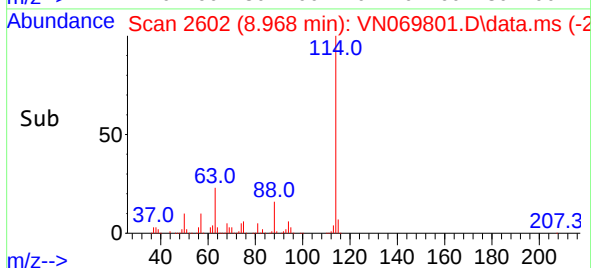
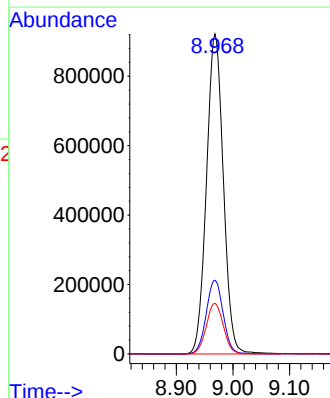
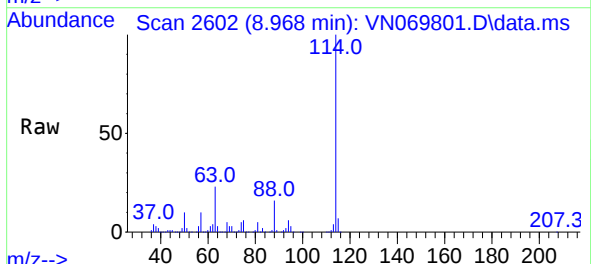
Tgt Ion:114 Resp: 1906480

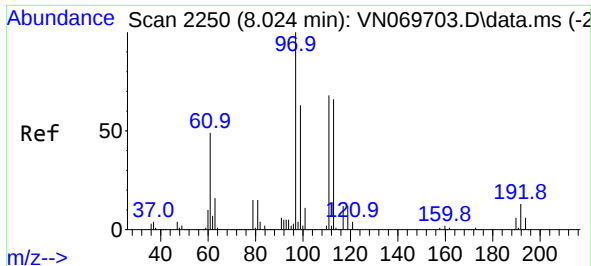
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

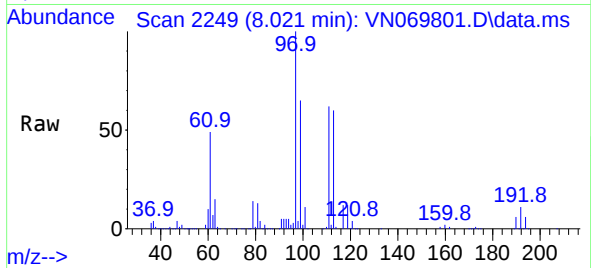
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.570 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

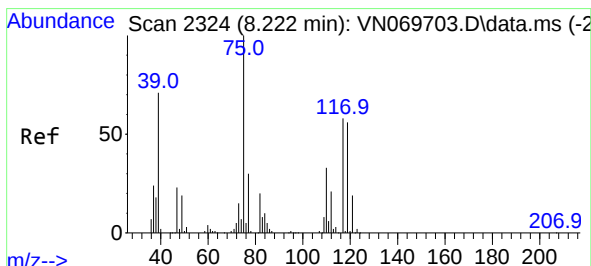
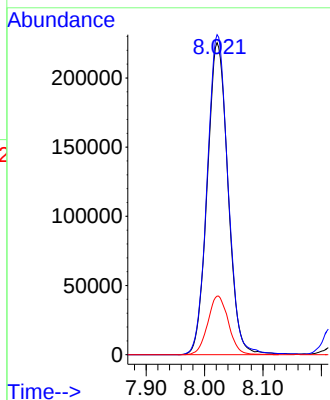
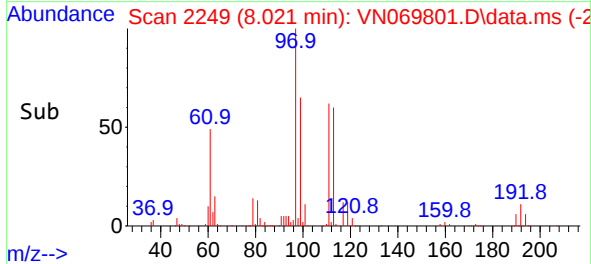
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



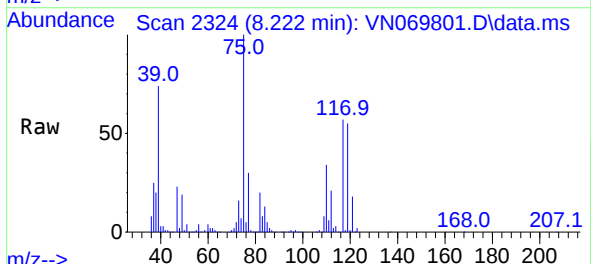
Tgt Ion: 113 Resp: 556130
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.7 16.9 25.3

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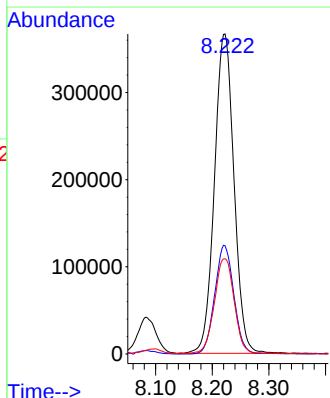
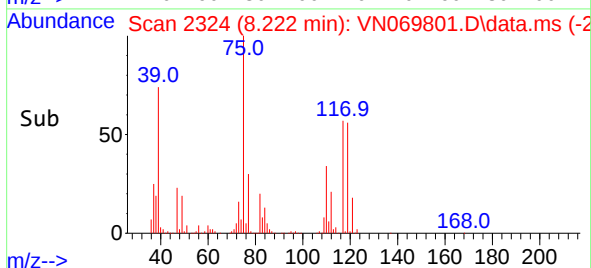
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

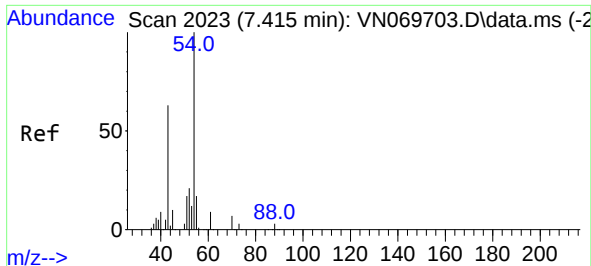


#36
1,1-Dichloropropene
Concen: 48.498 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



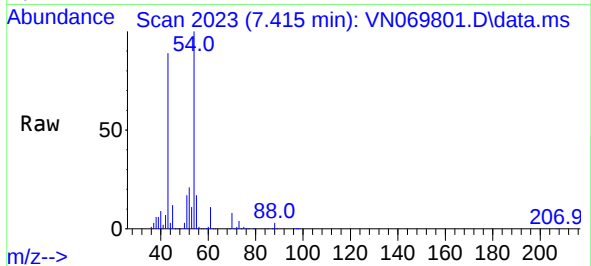
Tgt Ion: 75 Resp: 880189
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 47.888 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

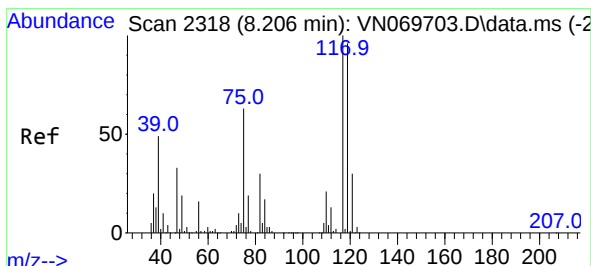
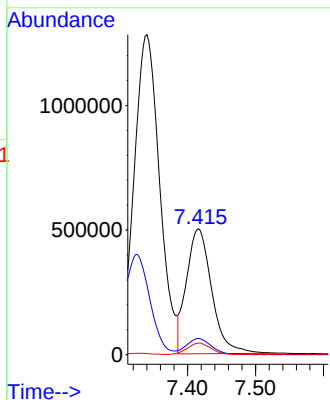
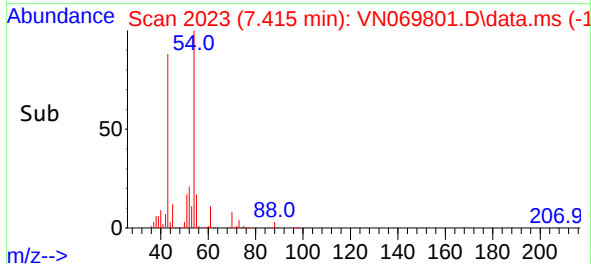
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



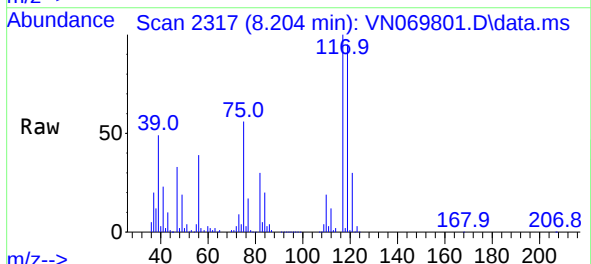
Tgt Ion: 43 Resp: 129358
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.6 7.9 11.9

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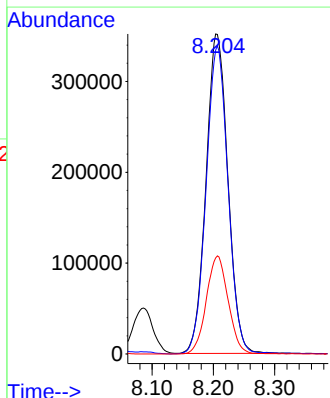
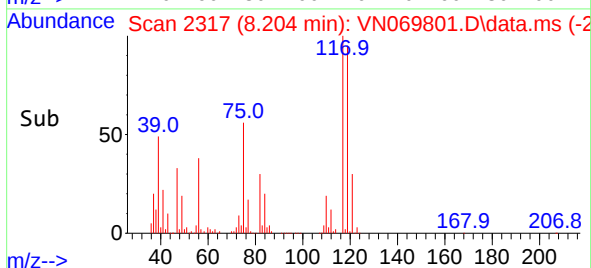
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

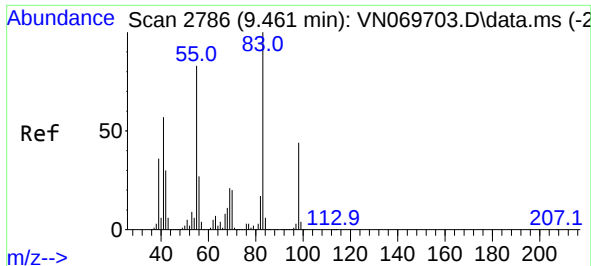


#38
Carbon Tetrachloride
Concen: 49.087 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



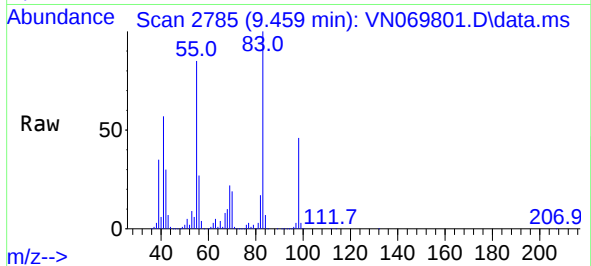
Tgt Ion:117 Resp: 873624
Ion Ratio Lower Upper
117 100
119 95.0 76.1 114.1
121 30.1 24.2 36.2





#39
Methylcyclohexane
Concen: 49.031 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

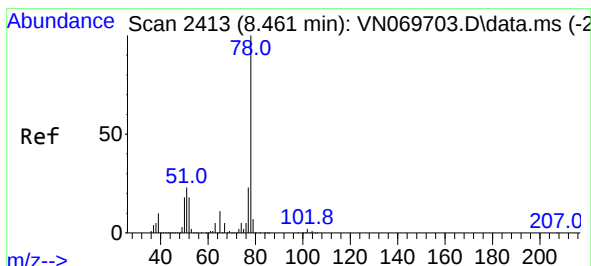
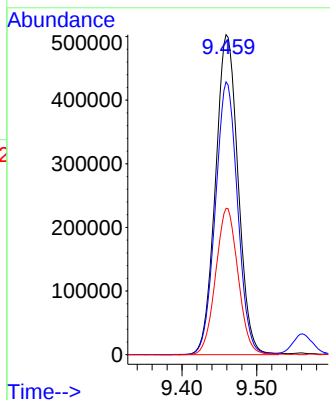
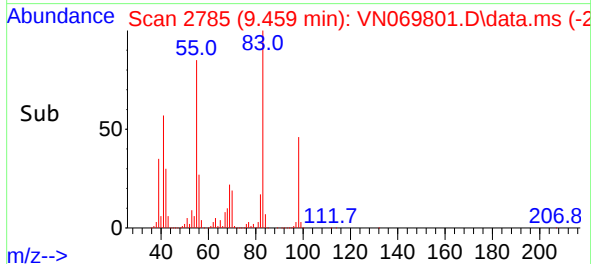
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 1058480
Ion Ratio Lower Upper
83 100
55 85.2 58.1 87.1
98 45.7 38.4 57.6

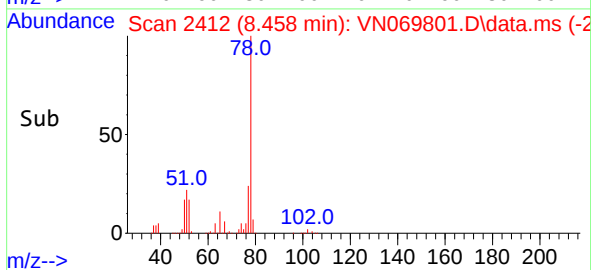
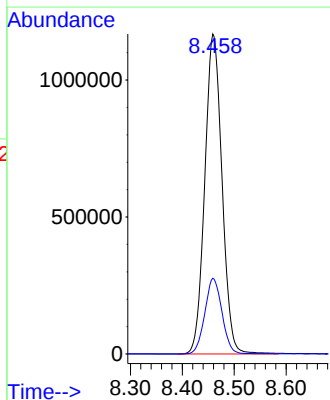
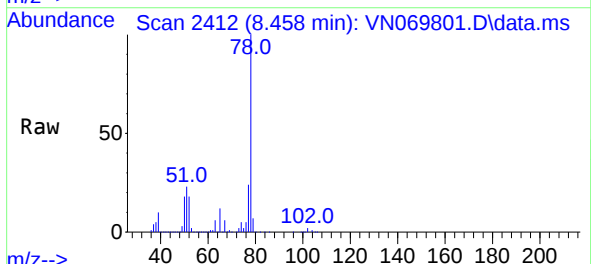
Manual Integrations
APPROVED

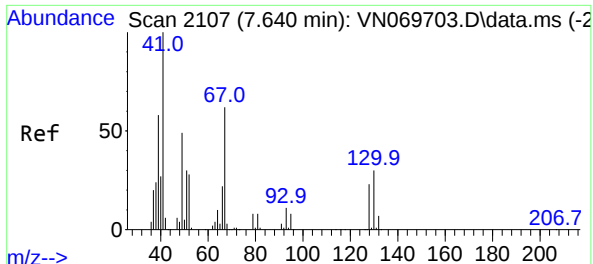
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#40
Benzene
Concen: 48.572 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Tgt Ion: 78 Resp: 2694540
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





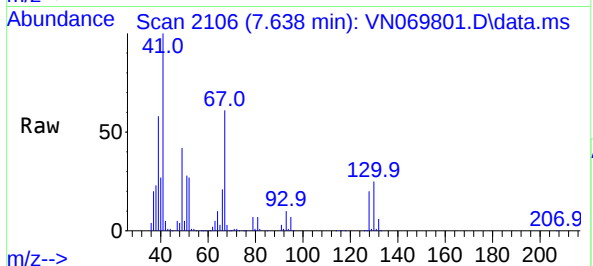
#41
Methacrylonitrile
Concen: 51.444 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

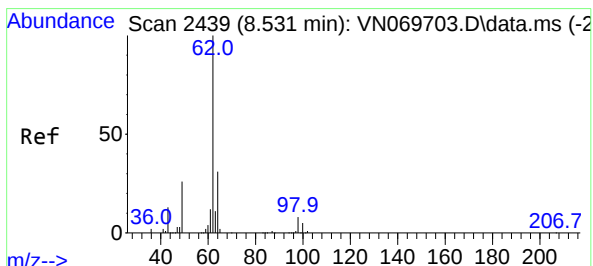
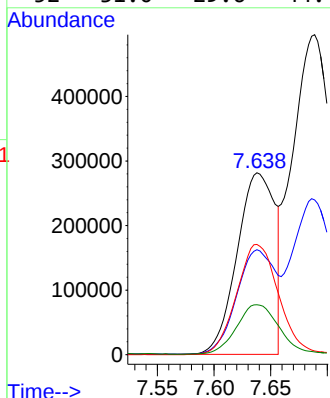
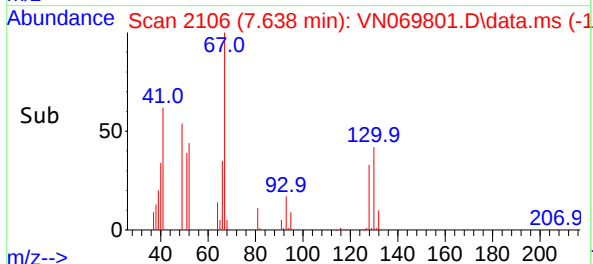


Tgt Ion: 41 Resp: 65233
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 68.0 68.3 102.5
52 31.0 29.6 44.4

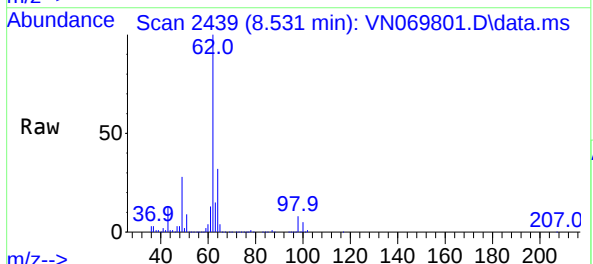
Manual Integrations

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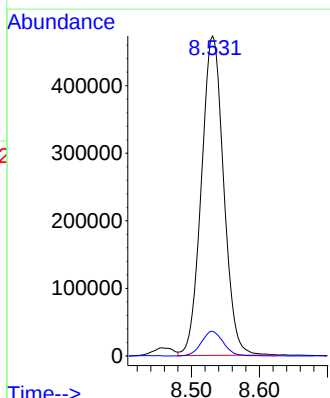
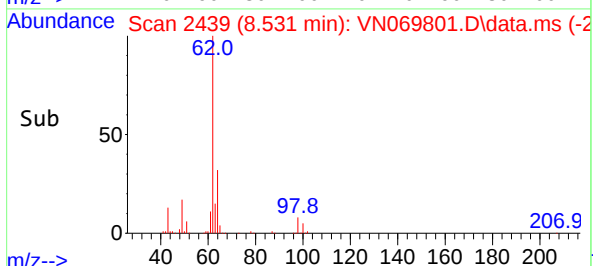
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

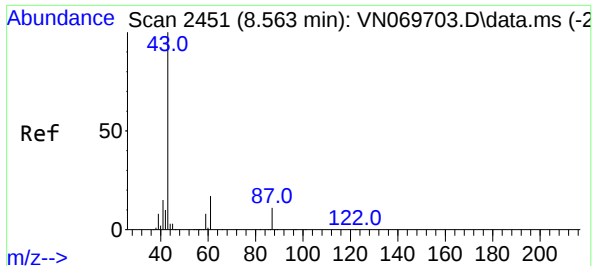


#42
1,2-Dichloroethane
Concen: 48.025 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



Tgt Ion: 62 Resp: 1075478
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





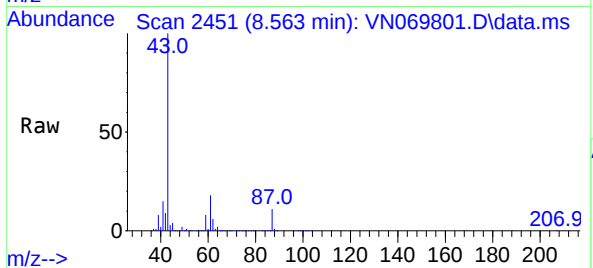
#43
Isopropyl Acetate
Concen: 51.698 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

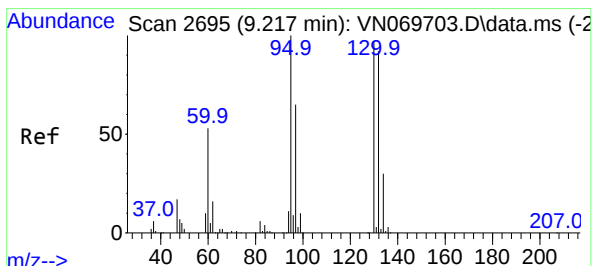
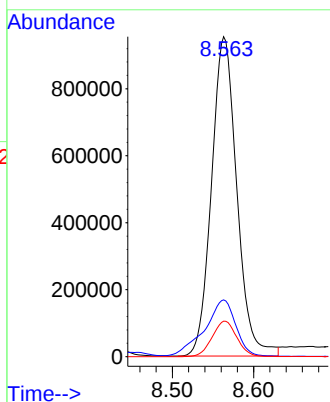
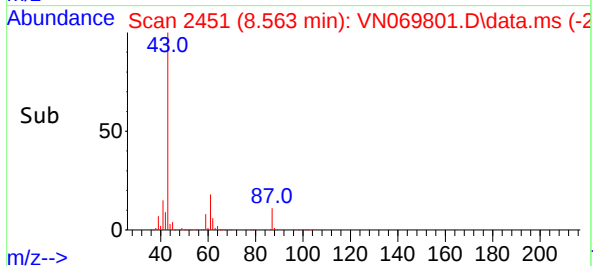


Tgt Ion: 43 Resp: 2066594
Ion Ratio Lower Upper
43 100
61 22.0 20.4 30.6
87 10.9 11.2 16.8

Manual Integrations

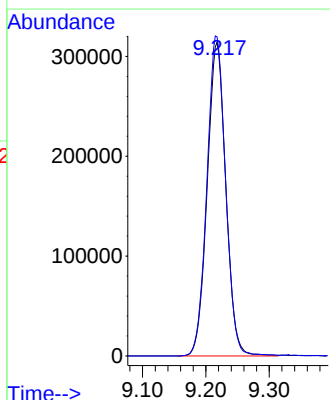
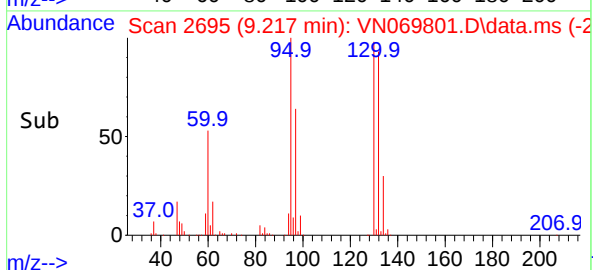
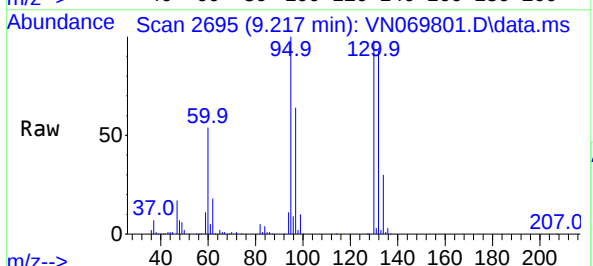
APPROVED

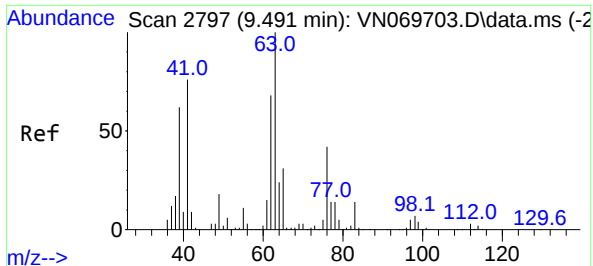
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#44
Trichloroethene
Concen: 48.371 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Tgt Ion:130 Resp: 640468
Ion Ratio Lower Upper
130 100
95 101.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.009 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 730090

Ion Ratio Lower Upper

63 100

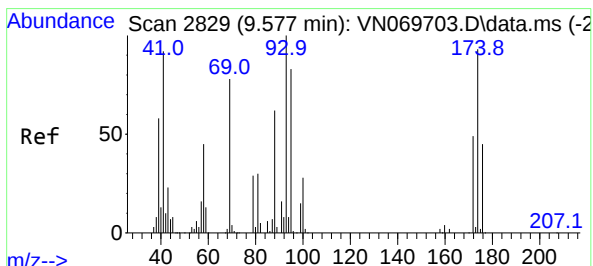
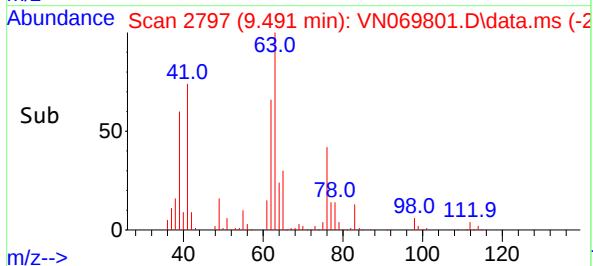
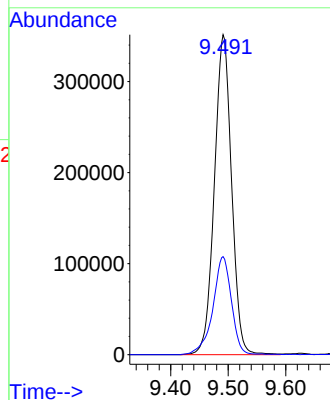
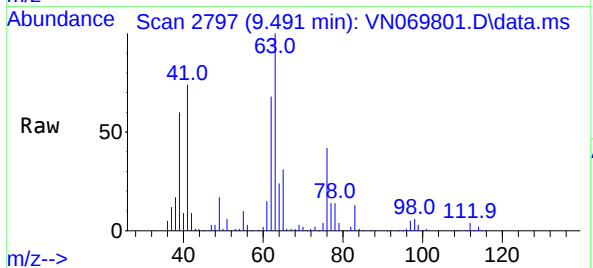
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#46

Dibromomethane

Concen: 48.769 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069801.D

Acq: 6 Dec 2021 22:45

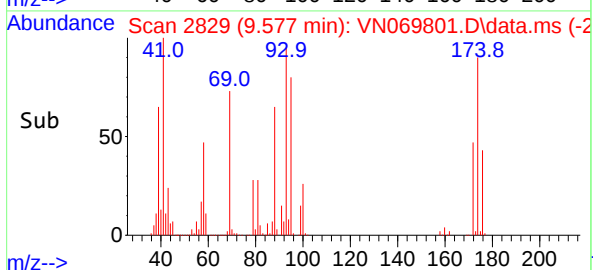
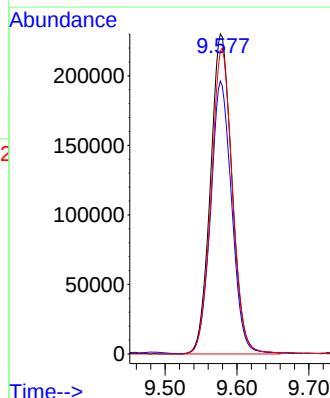
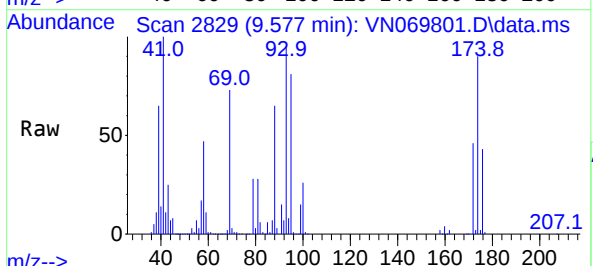
Tgt Ion: 93 Resp: 476467

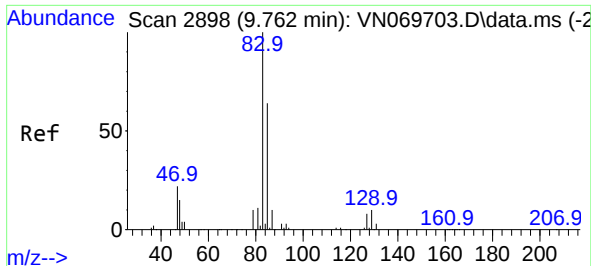
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

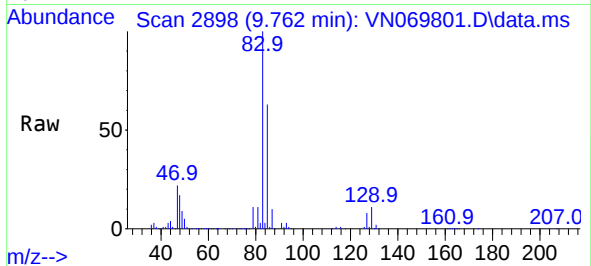
174 95.0 84.6 127.0





#47
Bromodichloromethane
Concen: 49.750 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

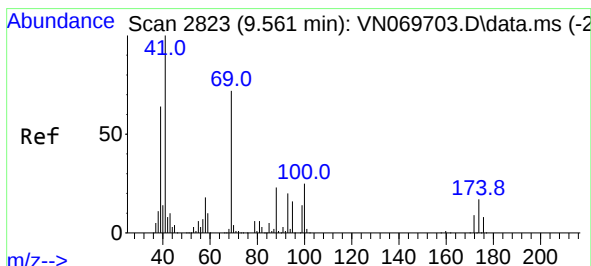
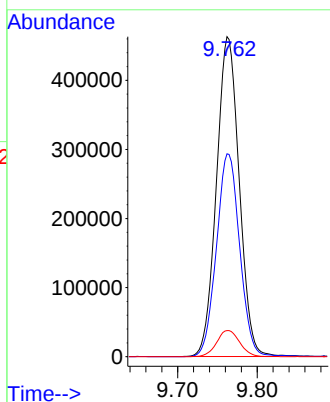
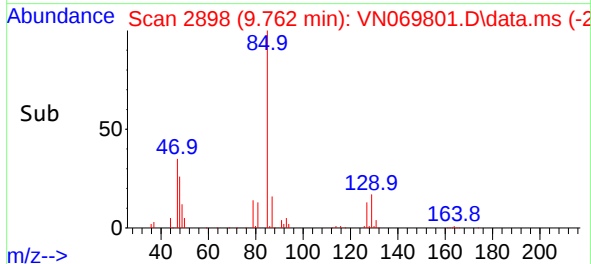
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



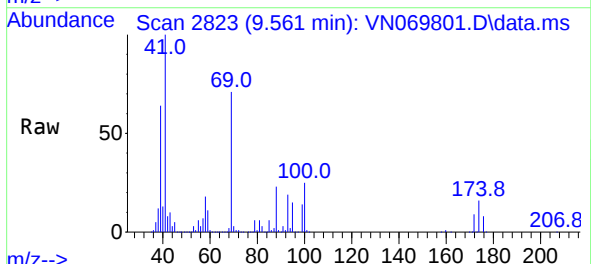
Tgt Ion: 83 Resp: 920268
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

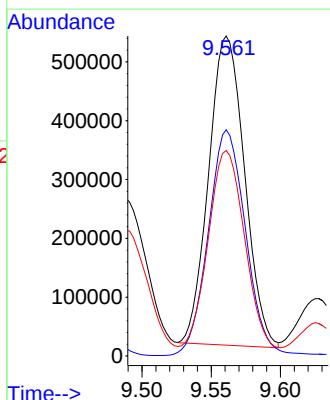
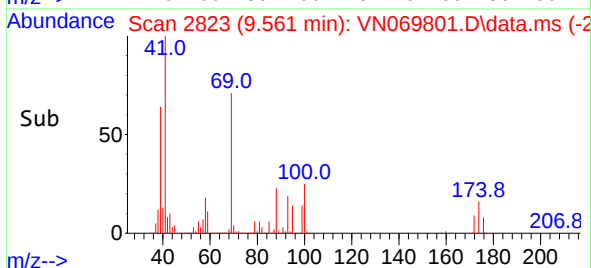
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

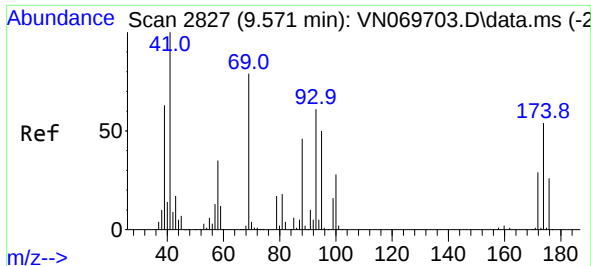


#48
Methyl methacrylate
Concen: 50.833 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



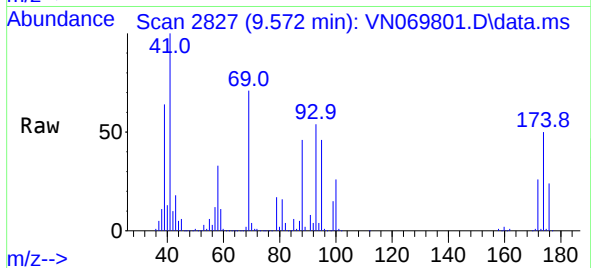
Tgt Ion: 41 Resp: 948299
Ion Ratio Lower Upper
41 100
69 76.5 72.4 108.6
39 64.6 58.4 87.6





#49
1,4-Dioxane
Concen: 1080.682 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

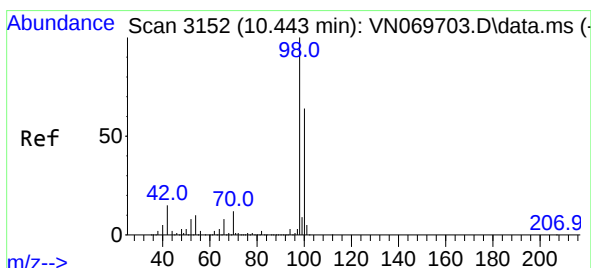
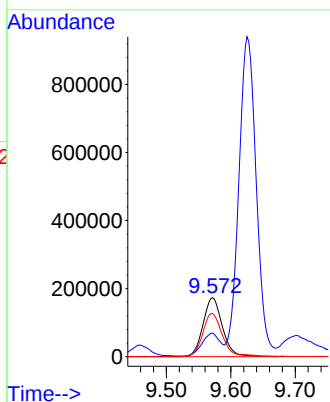
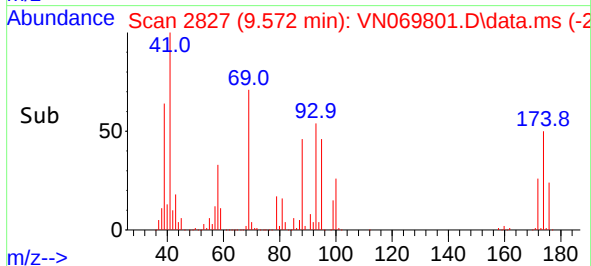
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



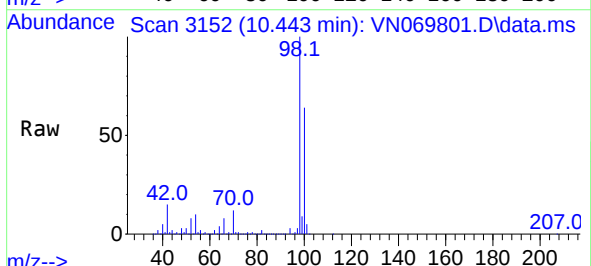
Tgt Ion: 88 Resp: 361735
Ion Ratio Lower Upper
88 100
43 36.5 23.4 35.2
58 75.6 50.6 75.8

Manual Integrations
APPROVED

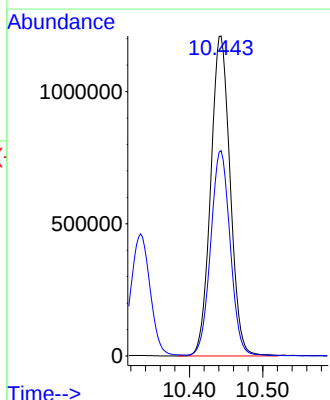
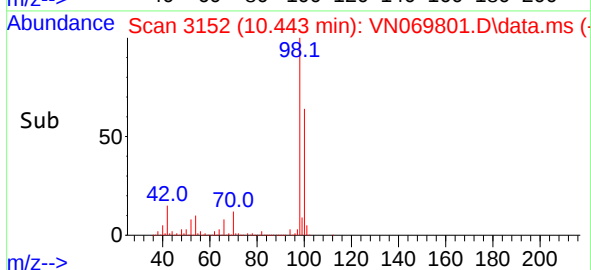
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

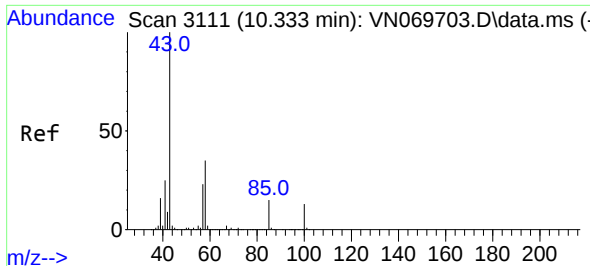


#50
Toluene-d8
Concen: 46.508 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



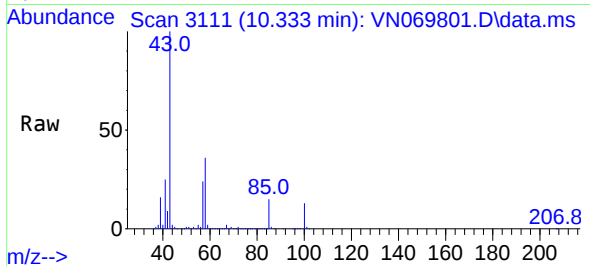
Tgt Ion: 98 Resp: 2230074
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 264.638 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

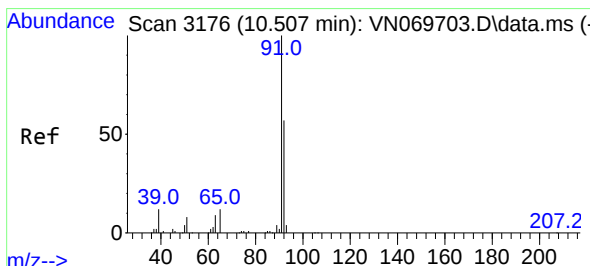
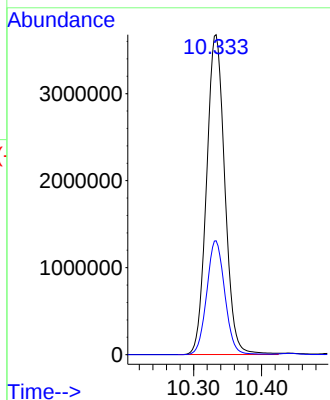
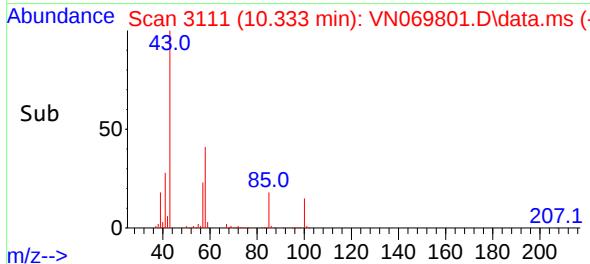
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



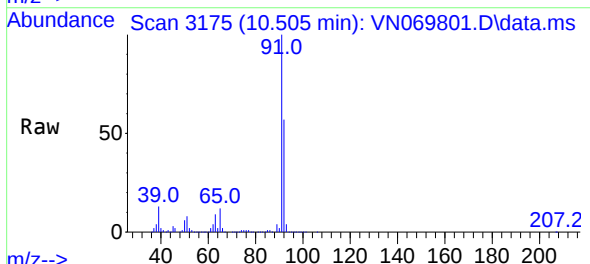
Tgt Ion: 43 Resp: 6862700
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

Manual Integrations
APPROVED

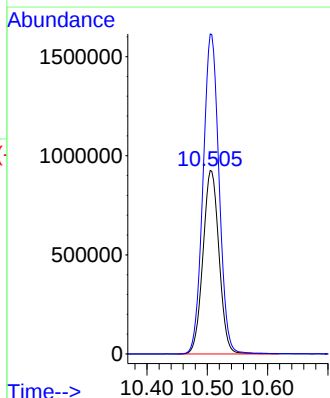
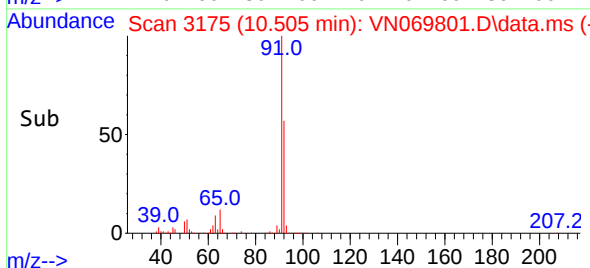
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

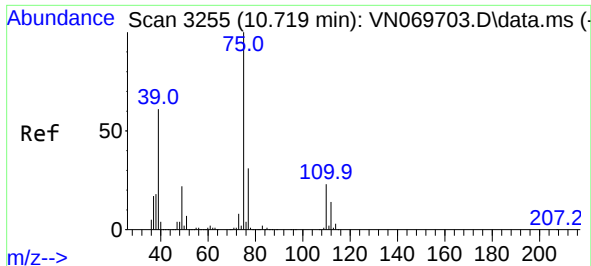


#52
Toluene
Concen: 50.493 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



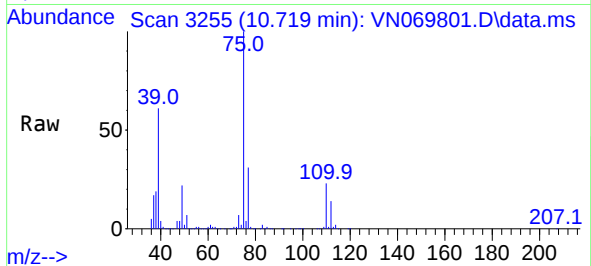
Tgt Ion: 92 Resp: 1710114
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 45.920 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

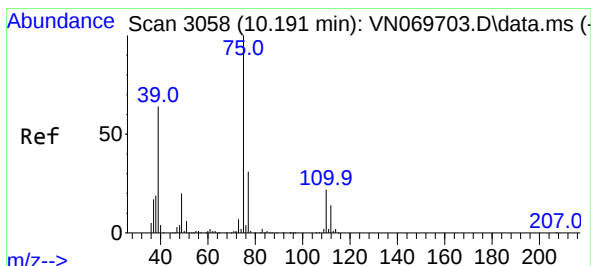
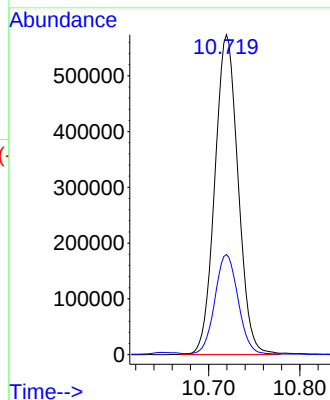
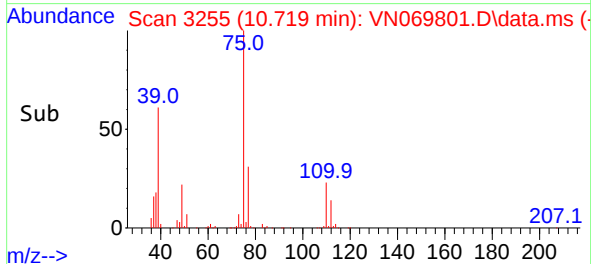
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



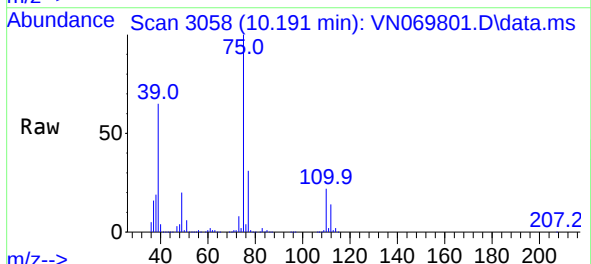
Tgt Ion: 75 Resp: 101643
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

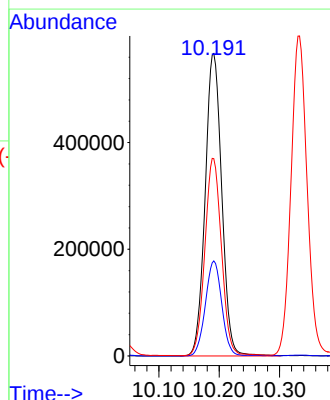
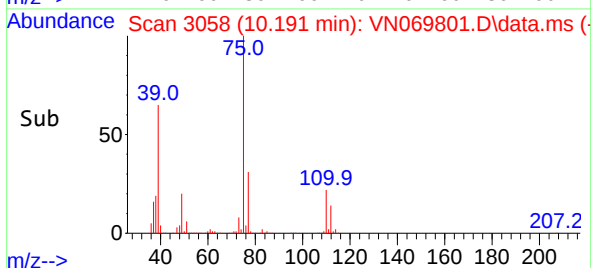
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

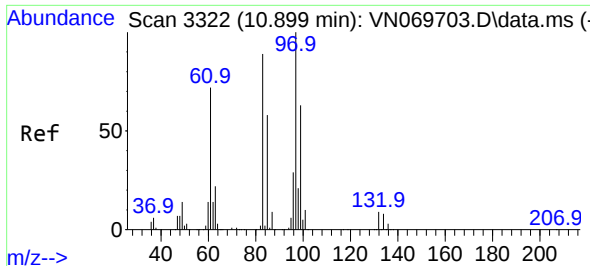


#54
cis-1,3-Dichloropropene
Concen: 46.542 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



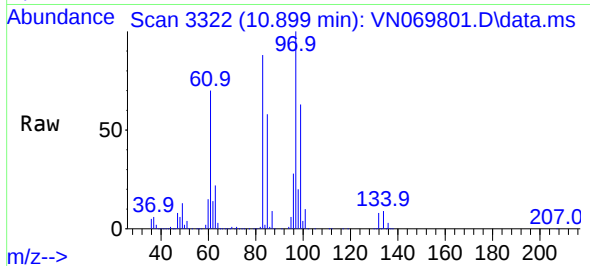
Tgt Ion: 75 Resp: 1083524
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 65.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 50.111 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

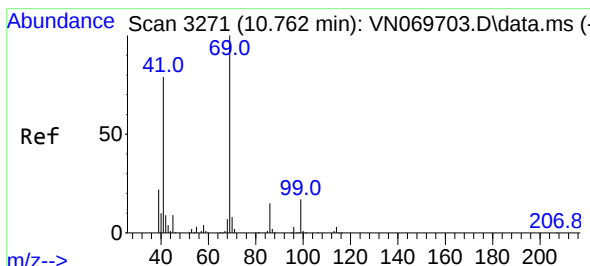
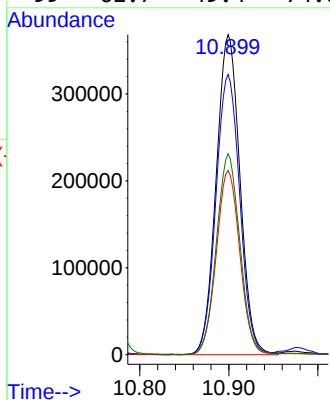
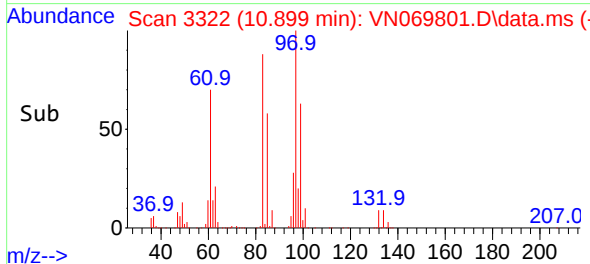
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



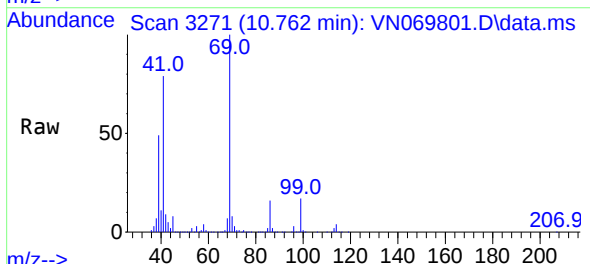
Tgt Ion: 97 Resp: 684774
Ion Ratio Lower Upper
97 100
83 87.6 67.8 101.6
85 57.5 45.4 68.2
99 62.7 49.4 74.0

Manual Integrations
APPROVED

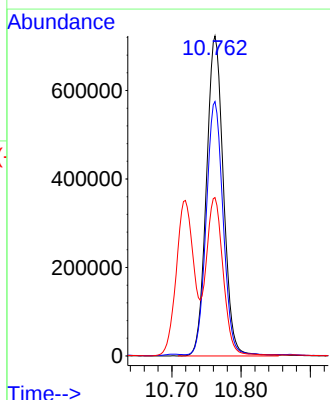
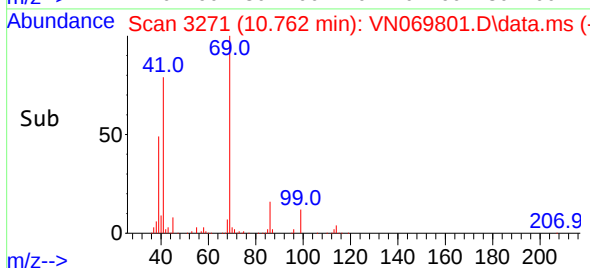
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

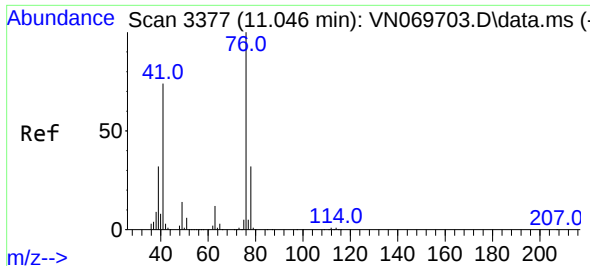


#56
Ethyl methacrylate
Concen: 47.853 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



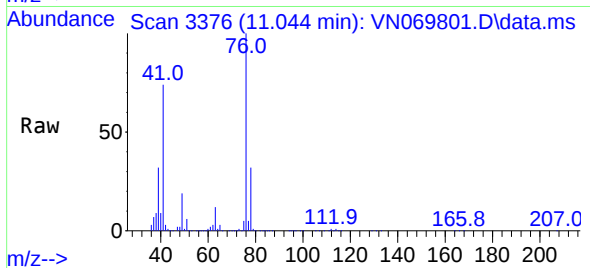
Tgt Ion: 69 Resp: 1231207
Ion Ratio Lower Upper
69 100
41 78.2 51.4 77.0#
39 48.6 34.6 52.0





#57
1,3-Dichloropropane
Concen: 49.988 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

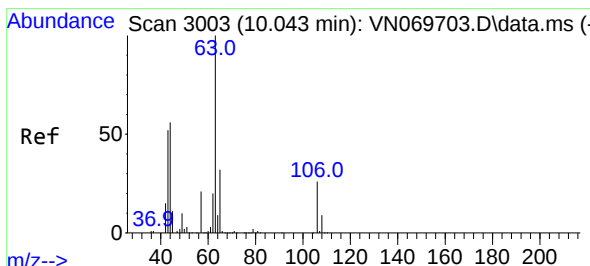
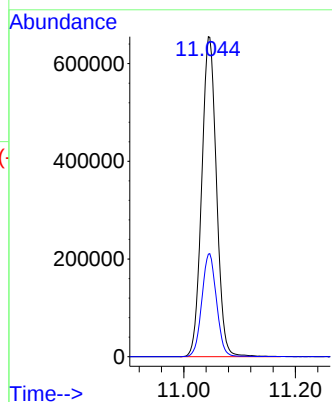
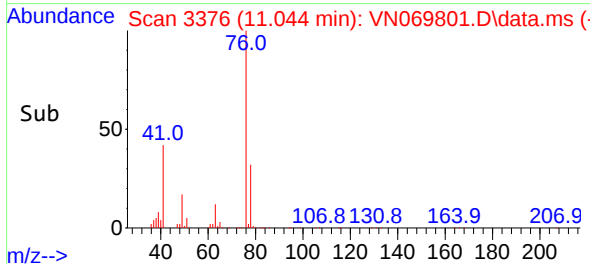
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



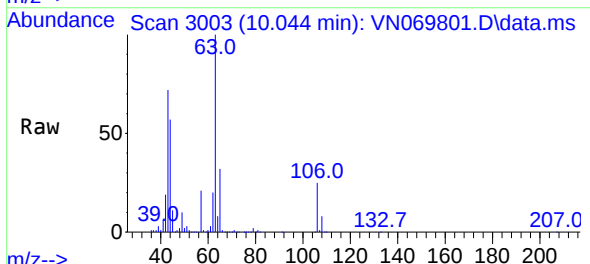
Tgt Ion: 76 Resp: 1202770
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

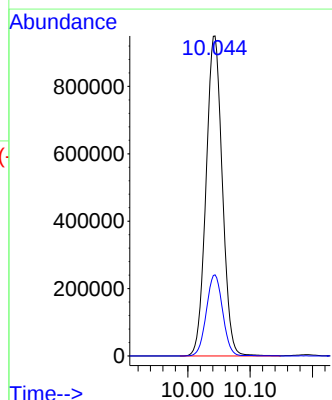
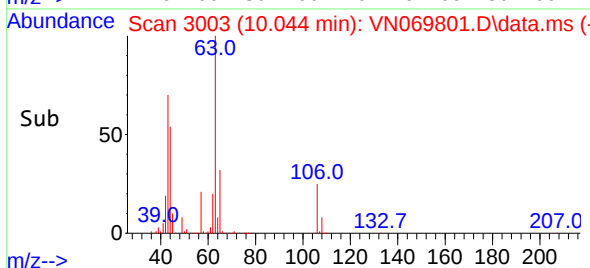
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

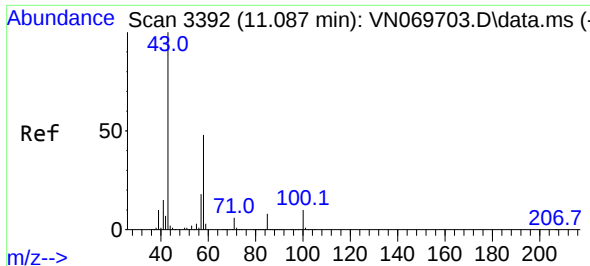


#58
2-Chloroethyl Vinyl ether
Concen: 247.202 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.001 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



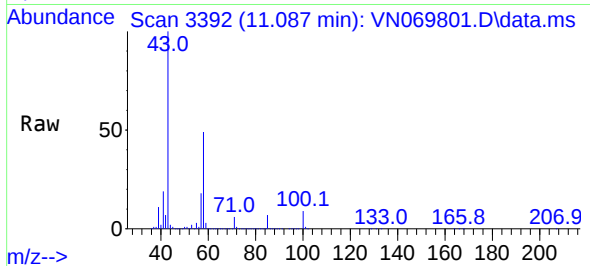
Tgt Ion: 63 Resp: 1719697
Ion Ratio Lower Upper
63 100
106 25.5 23.9 35.9





#59
2-Hexanone
Concen: 263.528 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

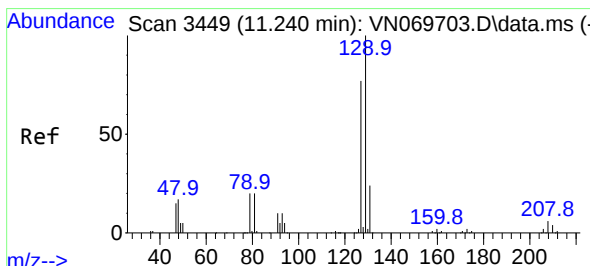
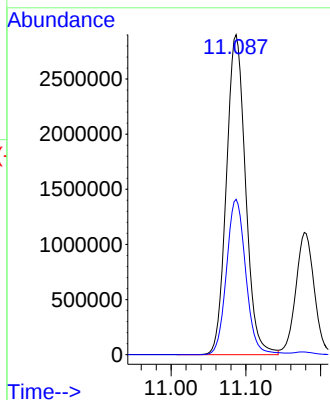
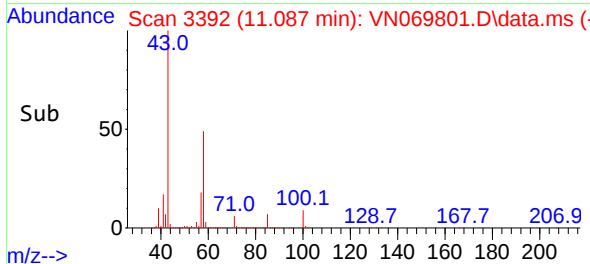
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 516964
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

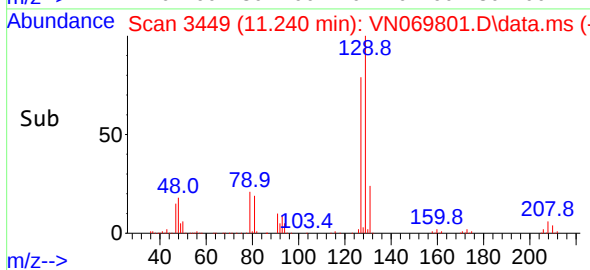
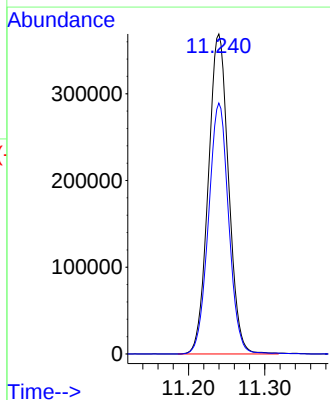
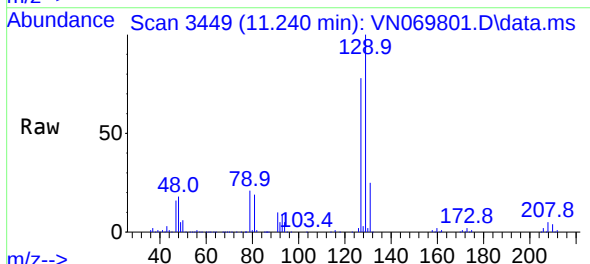
Manual Integrations
APPROVED

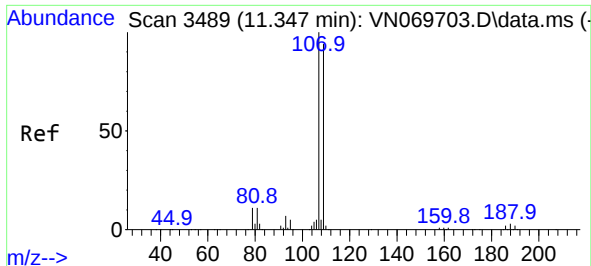
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#60
Dibromochloromethane
Concen: 46.739 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

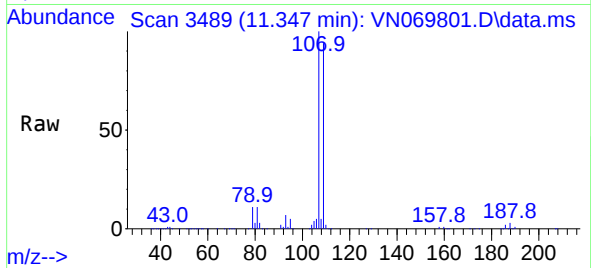
Tgt Ion:129 Resp: 681947
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.289 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

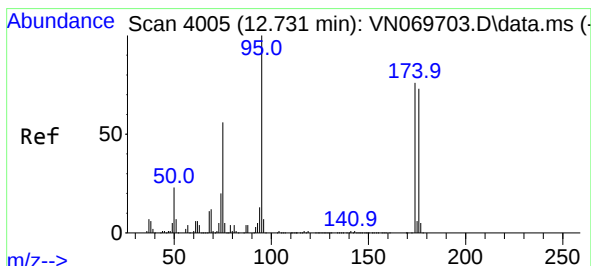
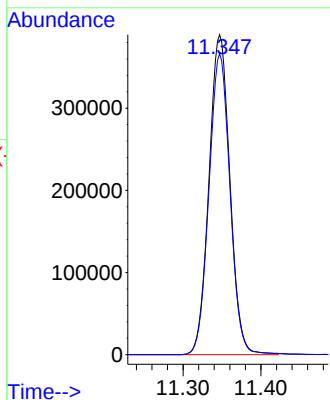
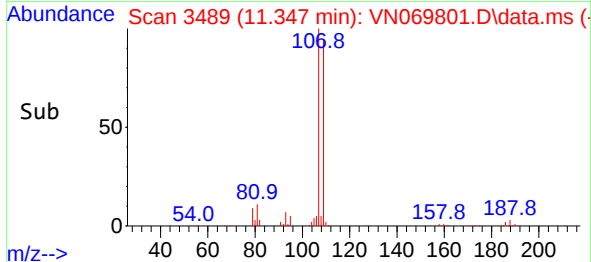
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



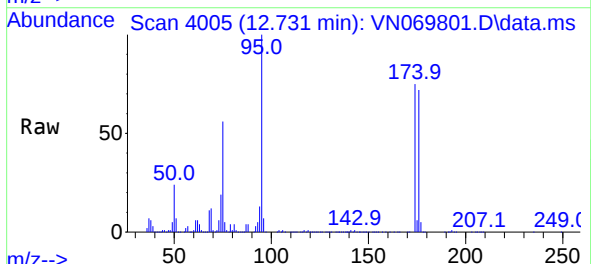
Tgt Ion:107 Resp: 725934
Ion Ratio Lower Upper
107 100
109 94.6 75.7 113.5

Manual Integrations
APPROVED

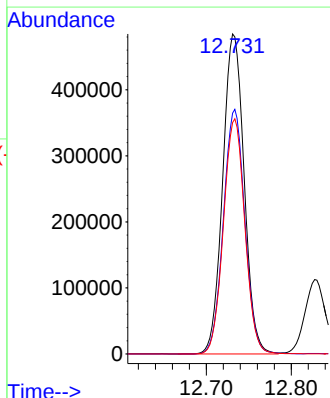
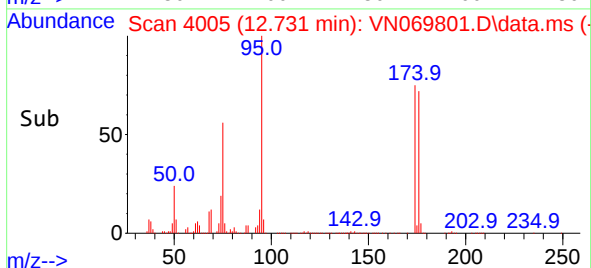
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

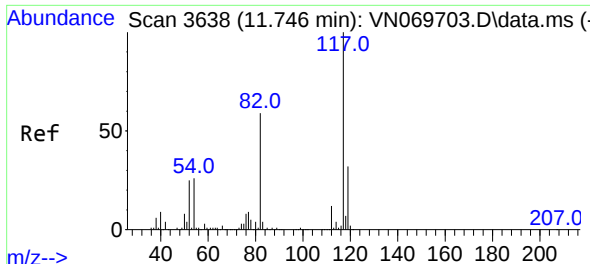


#62
4-Bromofluorobenzene
Concen: 48.801 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



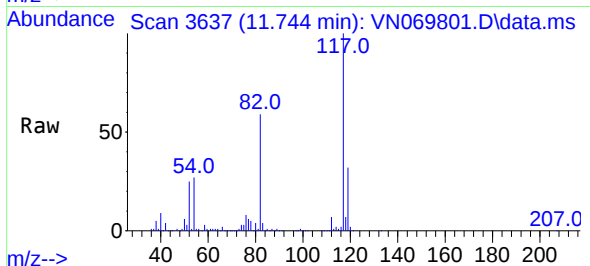
Tgt Ion: 95 Resp: 847743
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

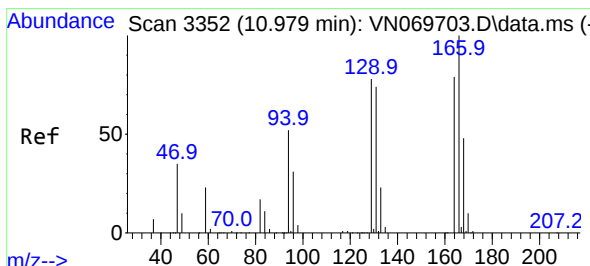
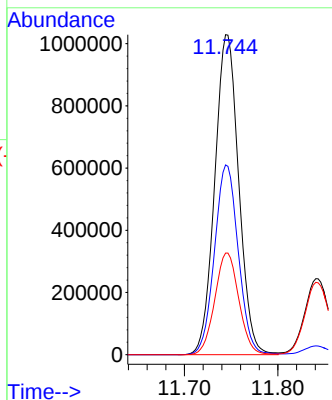
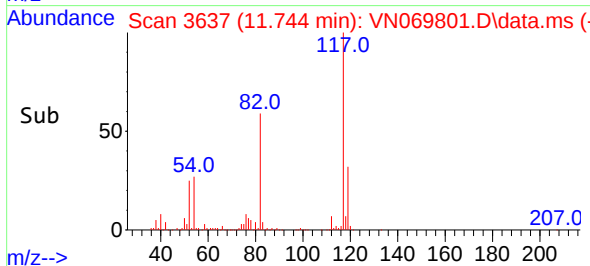
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



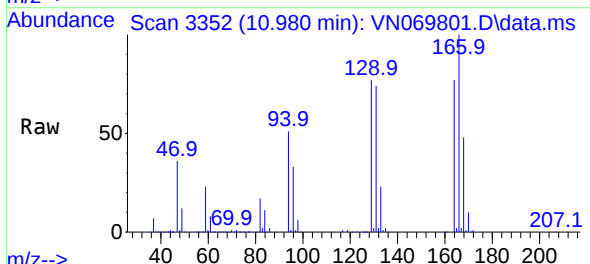
Tgt Ion:117 Resp: 1836728
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

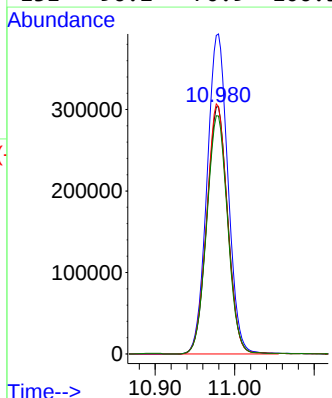
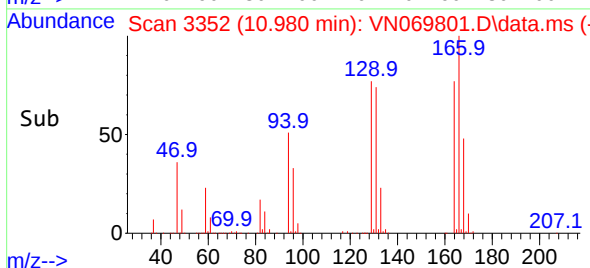
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#64
Tetrachloroethene
Concen: 44.698 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



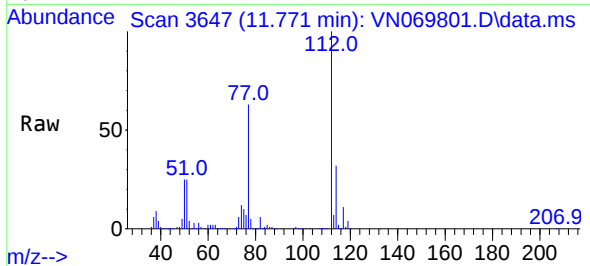
Tgt Ion:164 Resp: 556684
Ion Ratio Lower Upper
164 100
166 129.4 101.9 152.9
129 100.1 72.0 108.0
131 96.2 70.9 106.3





#65
Chlorobenzene
Concen: 48.738 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

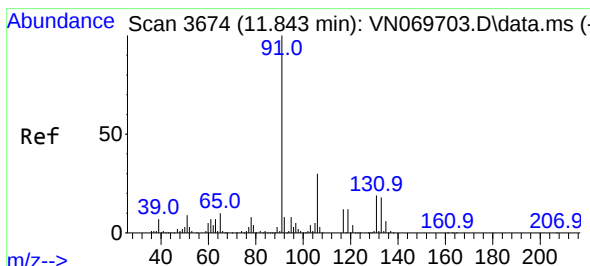
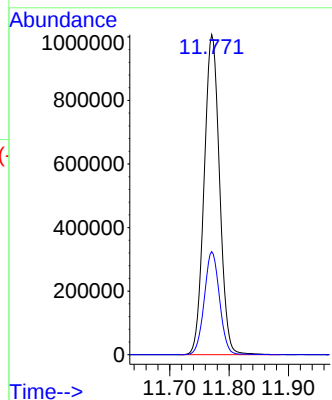
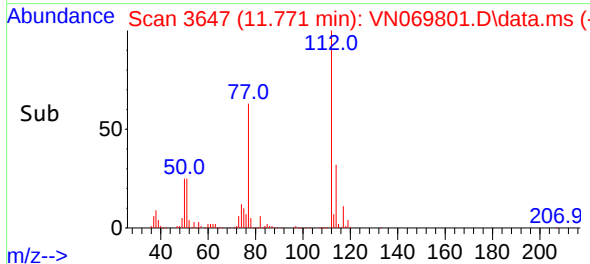
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



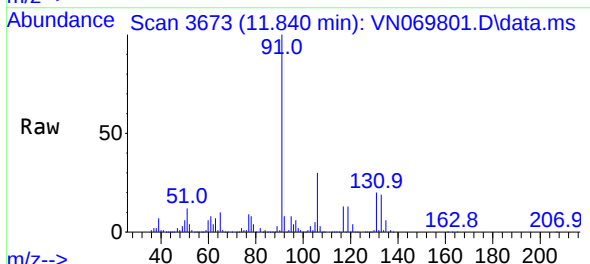
Tgt Ion:112 Resp: 181606
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

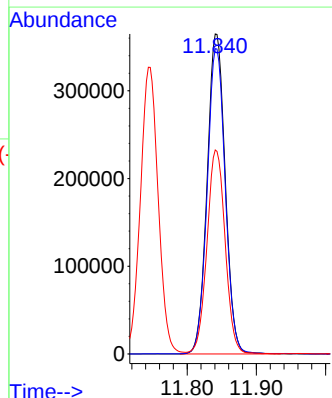
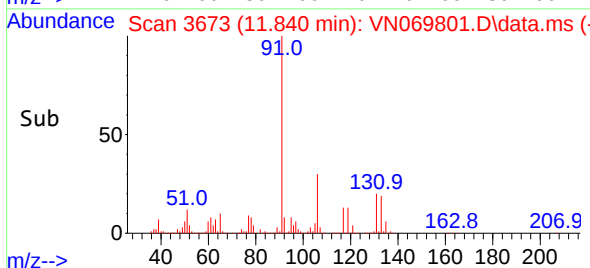
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

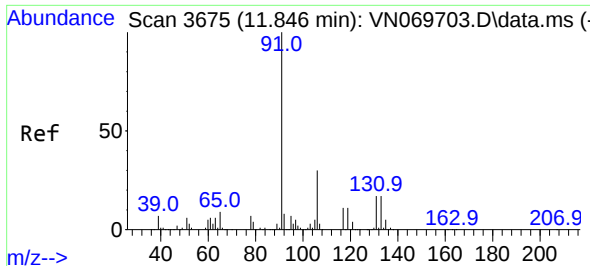


#66
1,1,1,2-Tetrachloroethane
Concen: 50.407 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



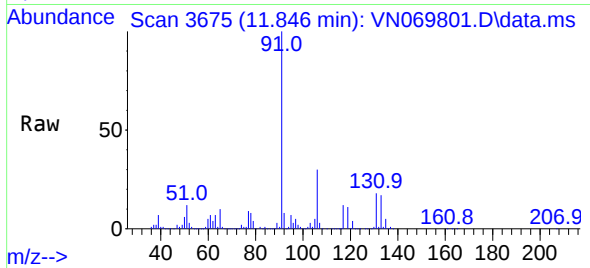
Tgt Ion:131 Resp: 661080
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 63.9 32.1 96.5





#67
Ethyl Benzene
Concen: 50.162 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

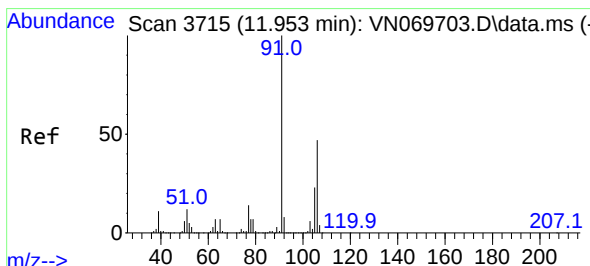
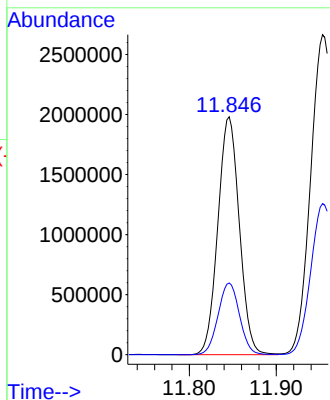
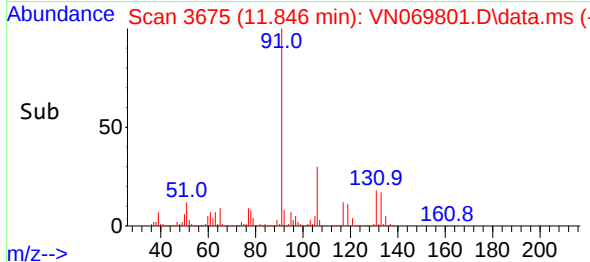
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



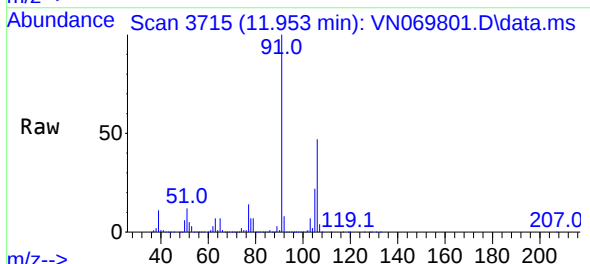
Tgt Ion: 91 Resp: 3395210
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

Manual Integrations
APPROVED

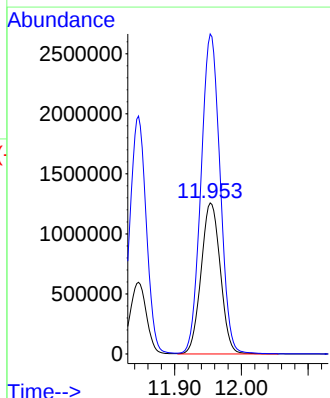
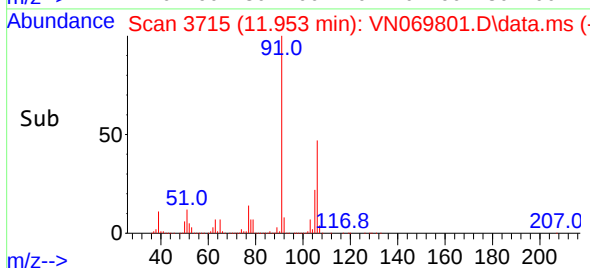
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

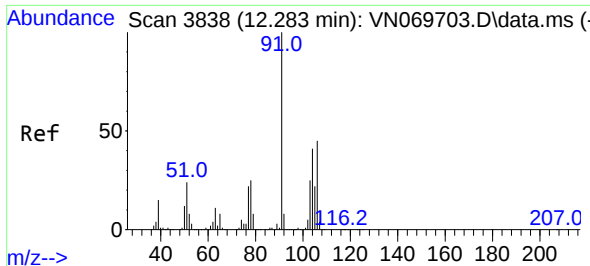


#68
m/p-Xylenes
Concen: 101.917 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



Tgt Ion:106 Resp: 2511713
Ion Ratio Lower Upper
106 100
91 210.7 160.6 240.8





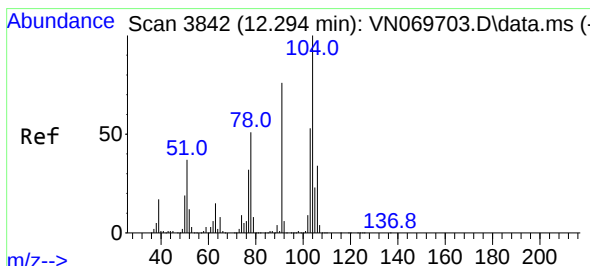
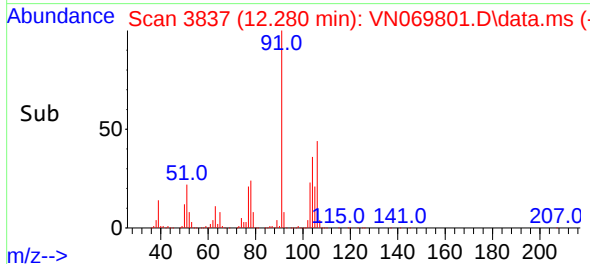
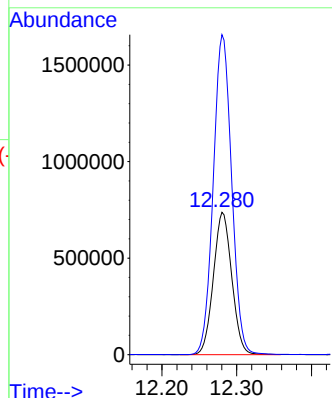
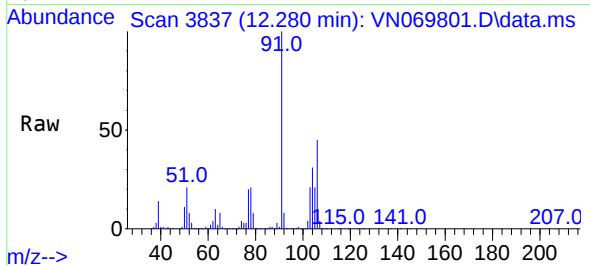
#69
o-Xylene
Concen: 50.781 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 126057
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3

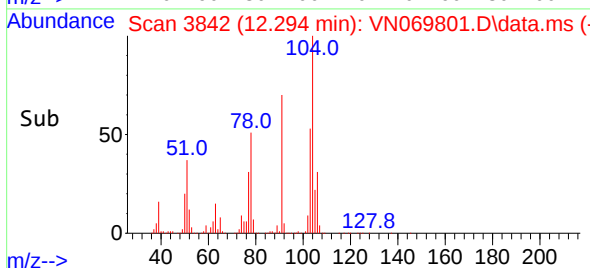
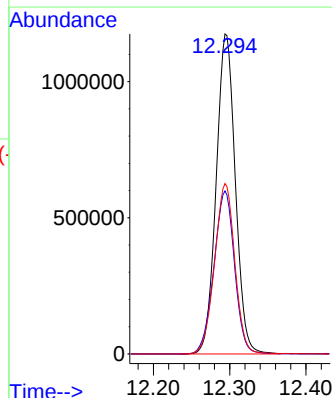
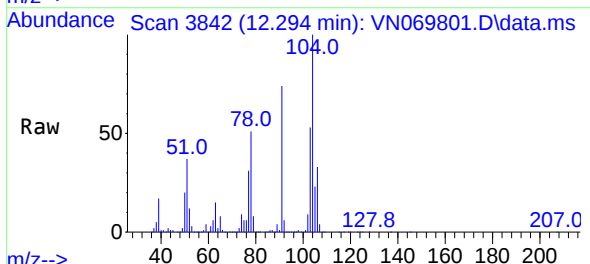
Manual Integrations
APPROVED

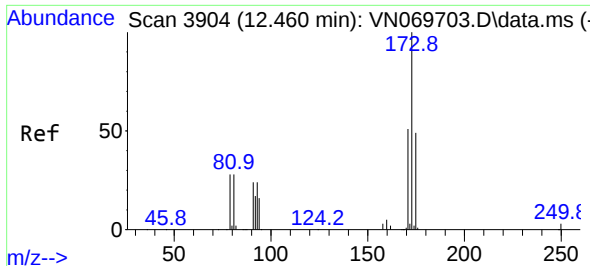
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#70
Styrene
Concen: 52.151 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

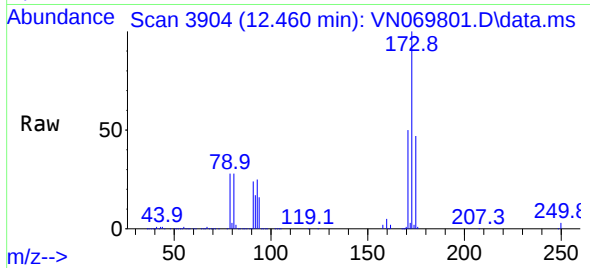
Tgt Ion:104 Resp: 2052837
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 46.787 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

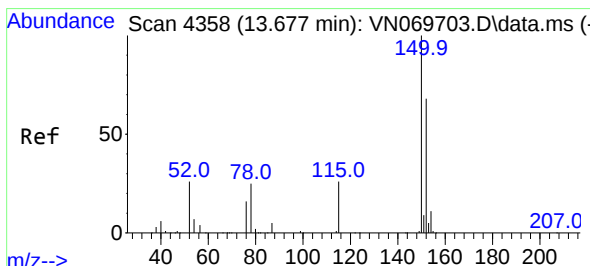
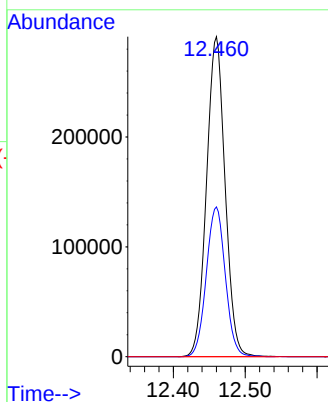
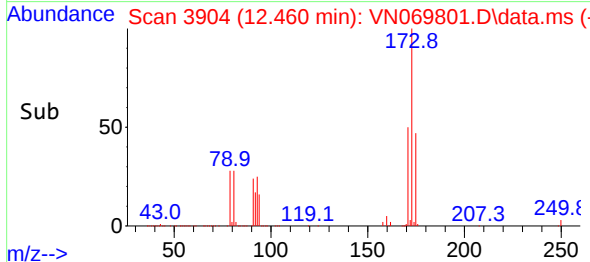
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



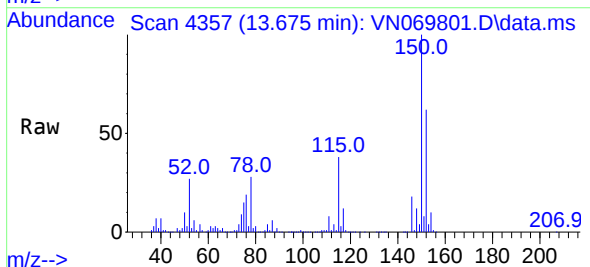
Tgt Ion:173 Resp: 52274
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

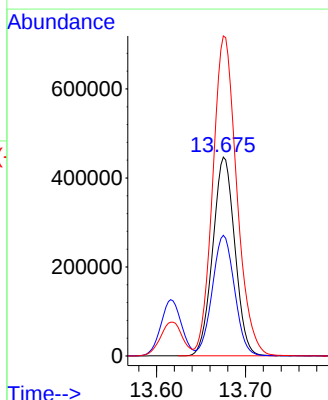
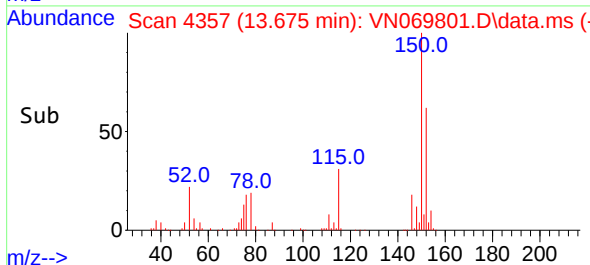
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

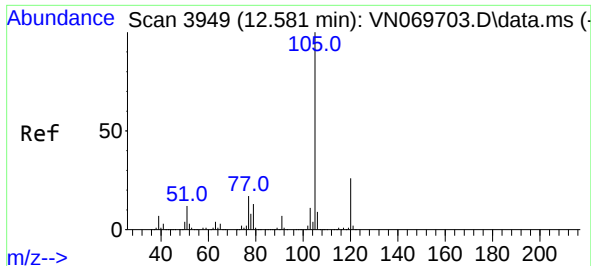


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



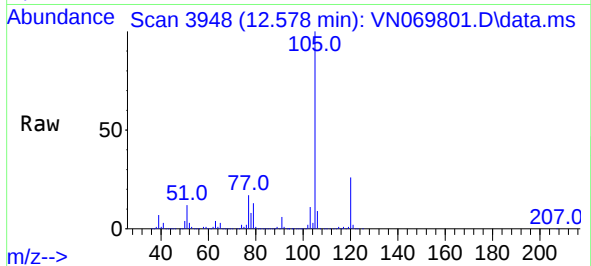
Tgt Ion:152 Resp: 771067
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 175.4 0.0 344.4





#73
Isopropylbenzene
Concen: 48.422 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

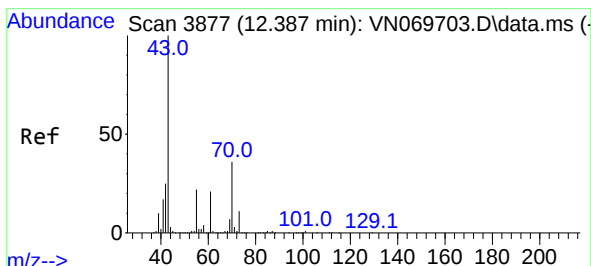
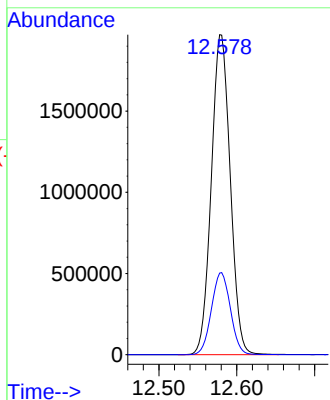
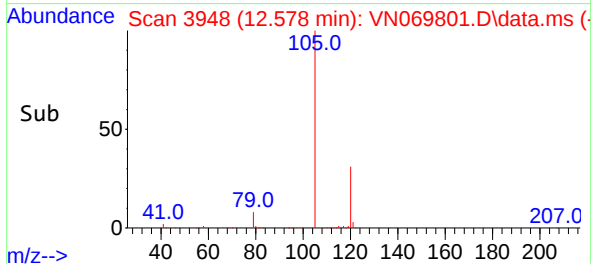
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



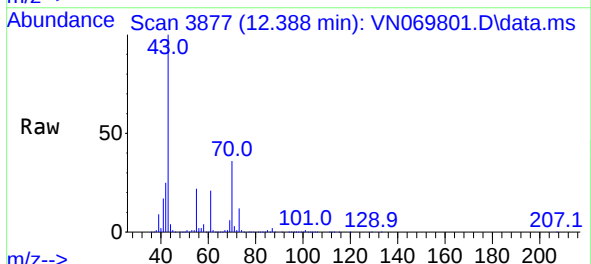
Tgt Ion:105 Resp: 332193
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
APPROVED

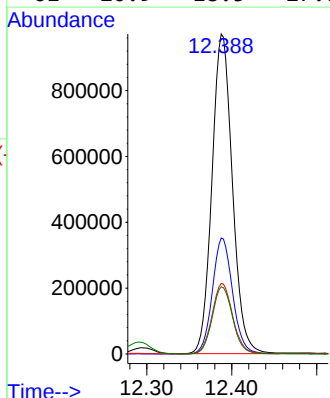
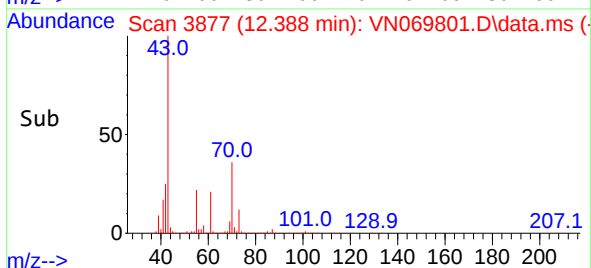
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

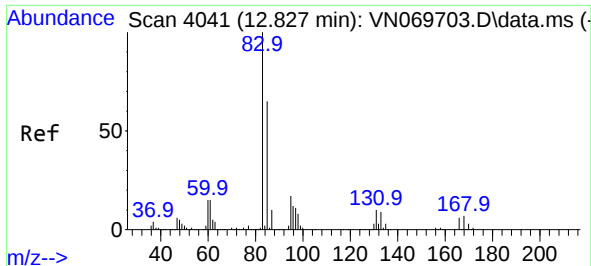


#74
N-ethyl acetate
Concen: 53.517 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



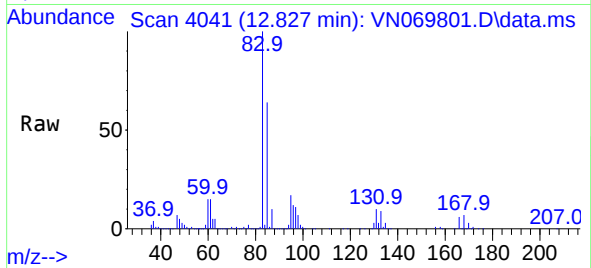
Tgt Ion: 43 Resp: 1623661
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 22.4 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.623 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

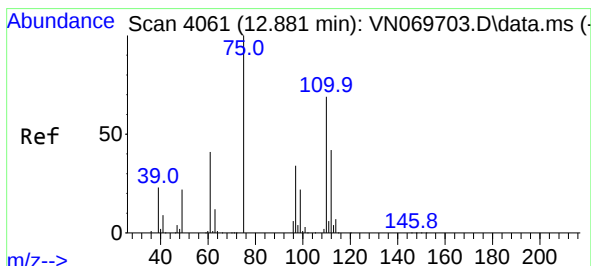
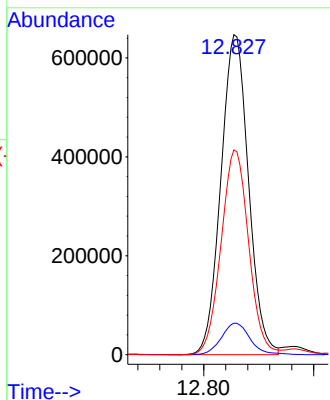
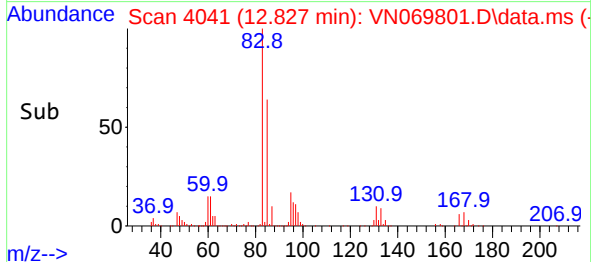
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



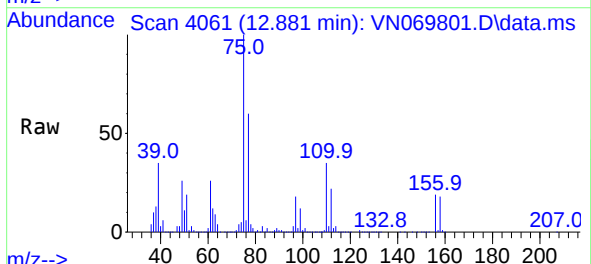
Tgt Ion: 83 Resp: 1129770
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 63.9 32.4 97.2

Manual Integrations
APPROVED

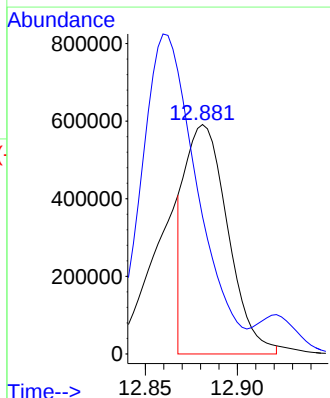
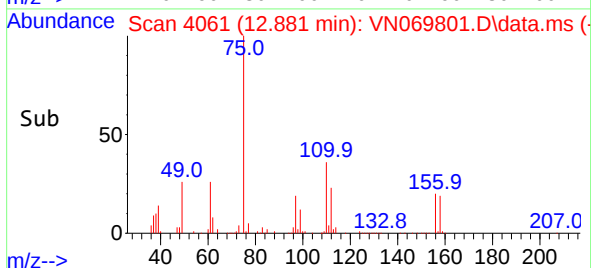
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

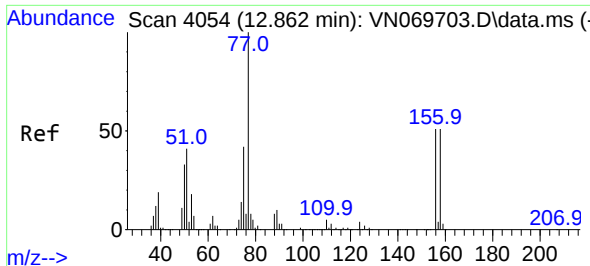


#76
1,2,3-Trichloropropane
Concen: 43.241 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



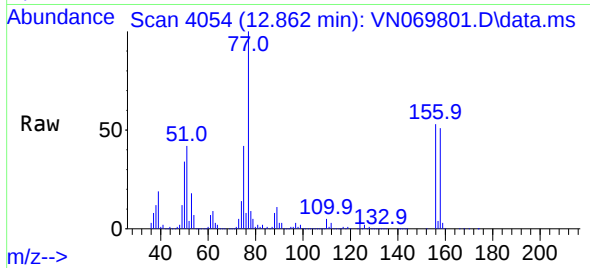
Tgt Ion: 75 Resp: 956155
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 48.056 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

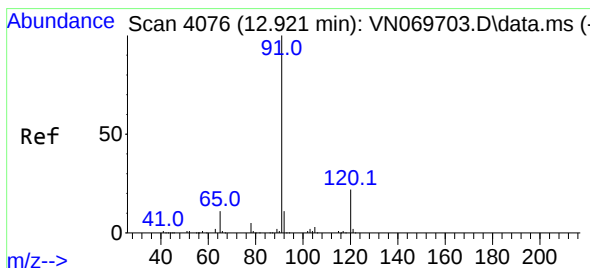
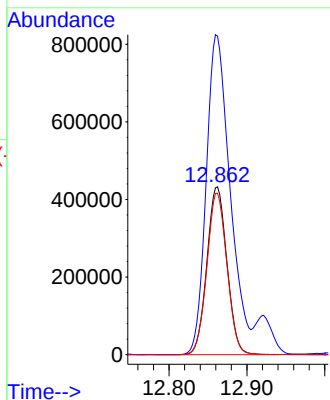
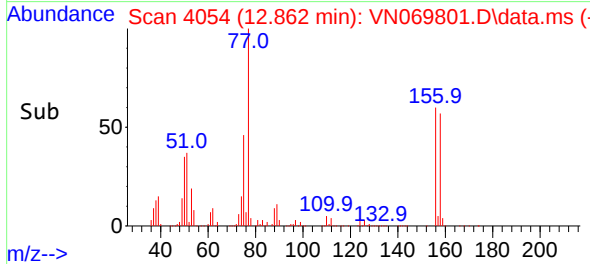
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



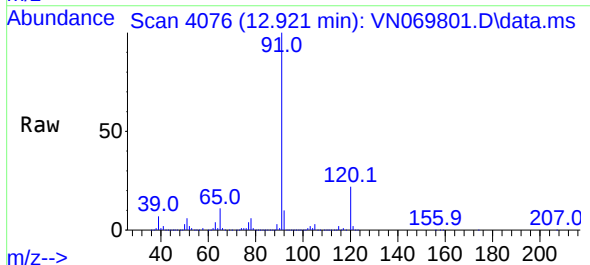
Tgt Ion:156 Resp: 774370
Ion Ratio Lower Upper
156 100
77 225.7 90.6 271.8
158 96.0 48.9 146.7

Manual Integrations
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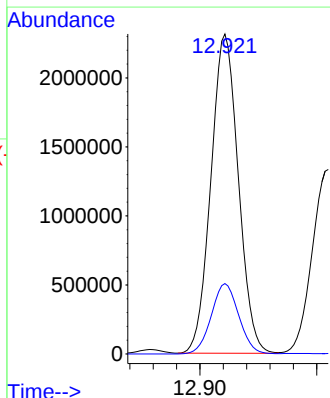
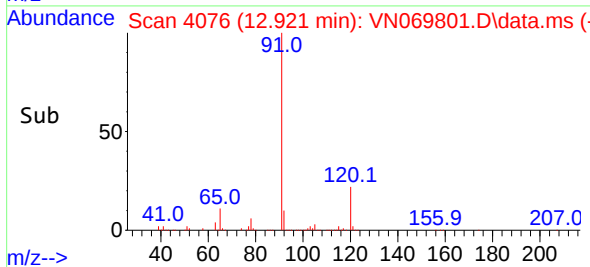
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

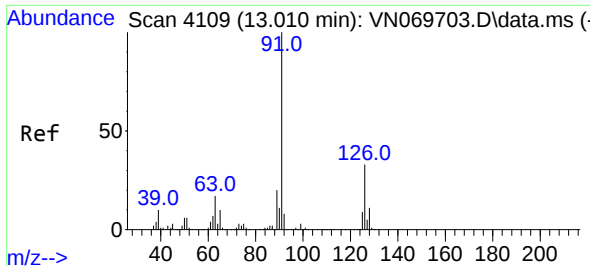


#78
n-propylbenzene
Concen: 49.358 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



Tgt Ion: 91 Resp: 3768040
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





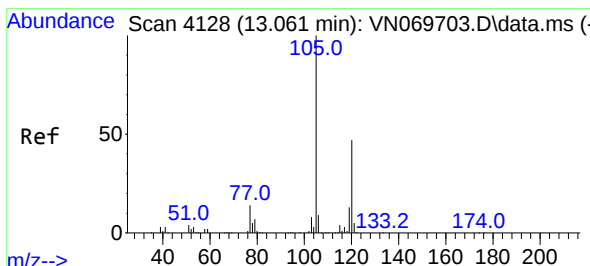
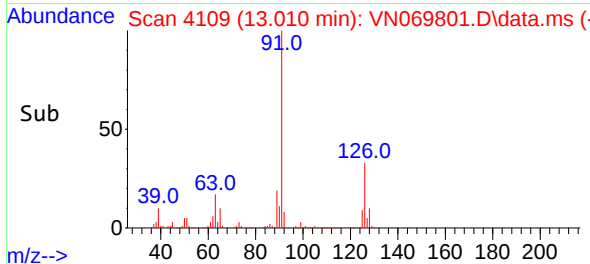
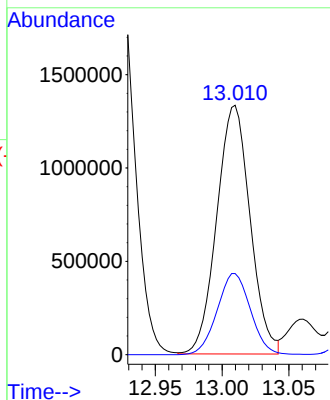
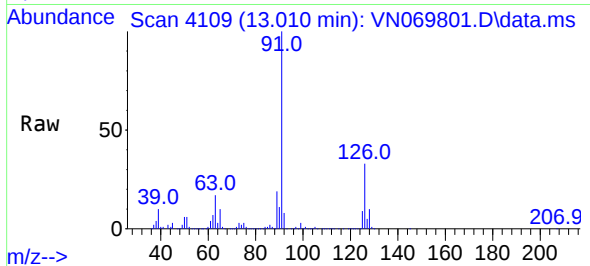
#79
2-Chlorotoluene
Concen: 48.058 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 231820
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

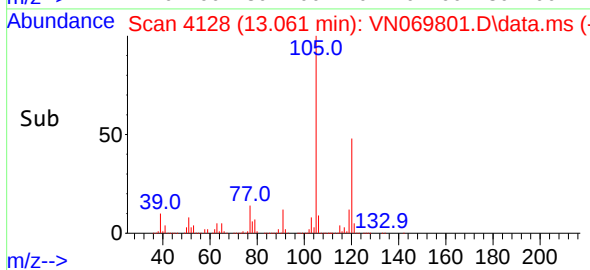
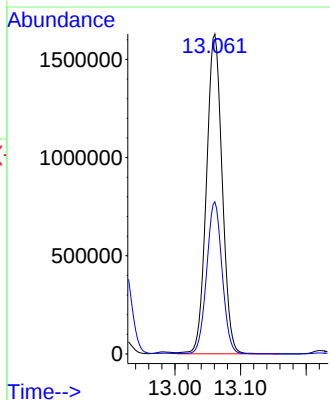
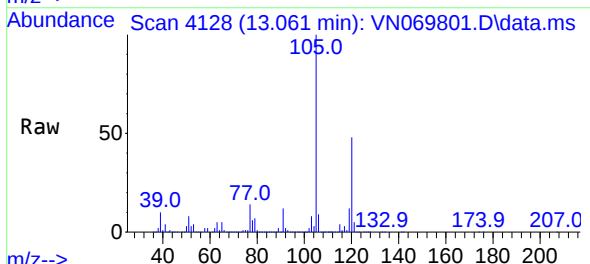
Manual Integrations
APPROVED

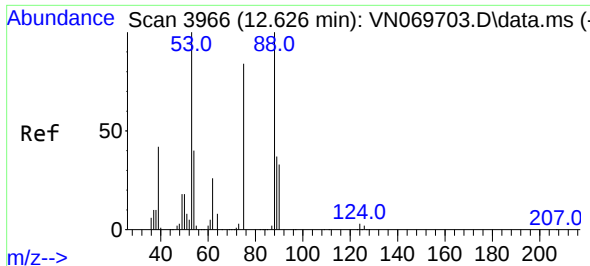
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#80
1,3,5-Trimethylbenzene
Concen: 48.969 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

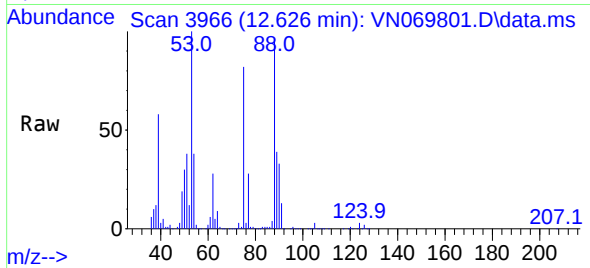
Tgt Ion:105 Resp: 2703941
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.300 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

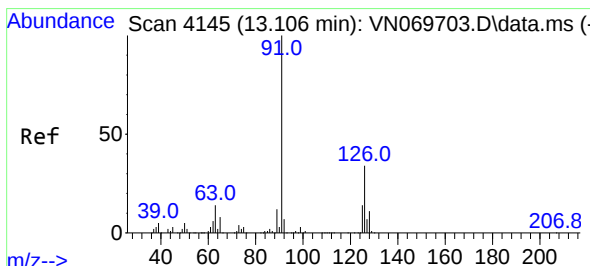
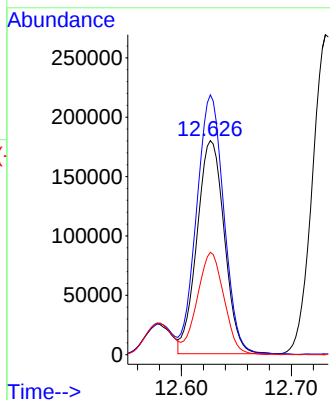
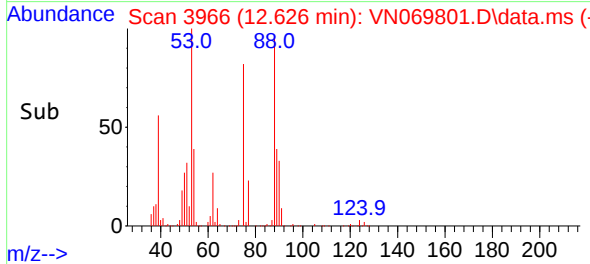
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



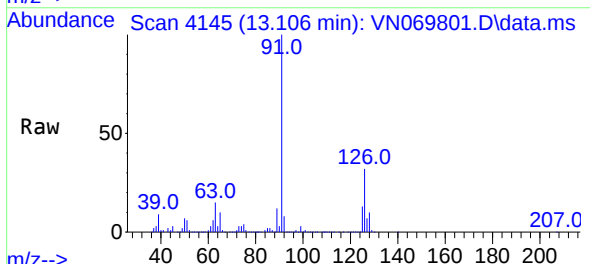
Tgt Ion: 75 Resp: 310609
Ion Ratio Lower Upper
75 100
53 121.0 90.5 135.7
89 46.6 38.2 57.4

Manual Integrations
APPROVED

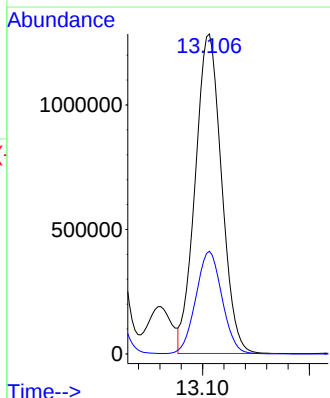
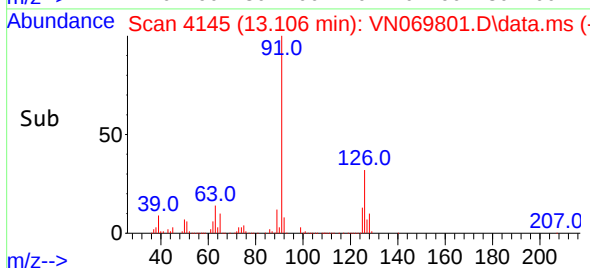
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#82
4-Chlorotoluene
Concen: 48.392 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



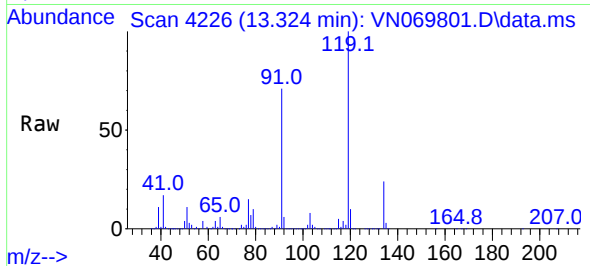
Tgt Ion: 91 Resp: 2195253
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.813 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

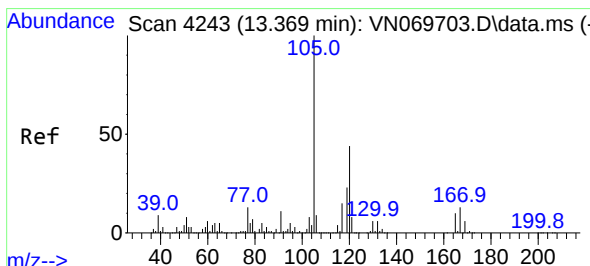
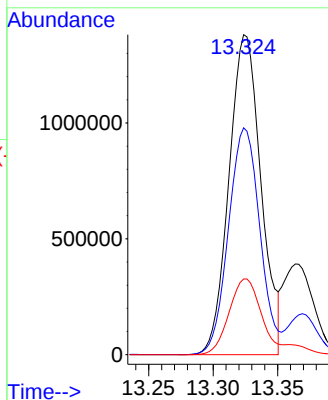
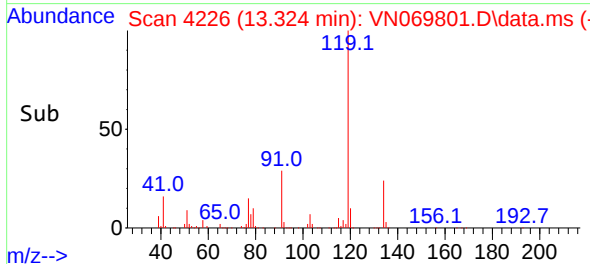
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



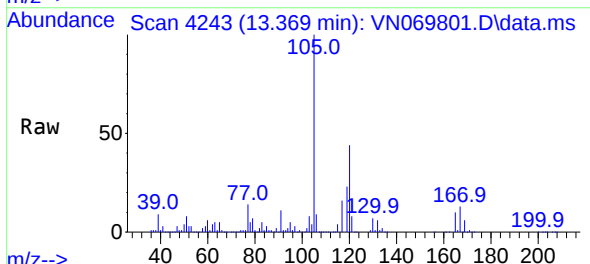
Tgt Ion:119 Resp: 238665
Ion Ratio Lower Upper
119 100
91 69.9 31.5 94.5
134 24.1 12.4 37.4

Manual Integrations
APPROVED

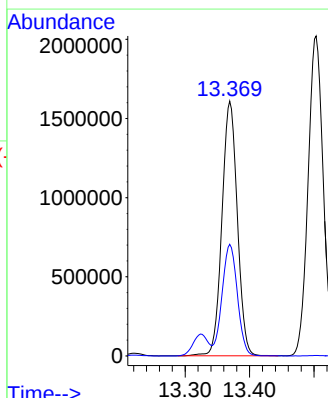
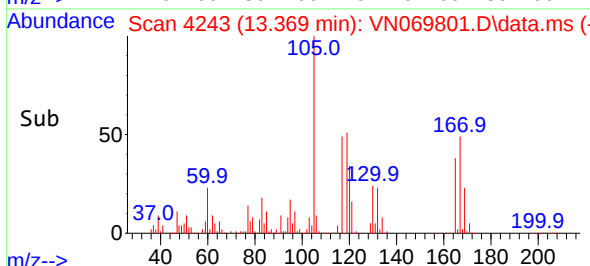
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

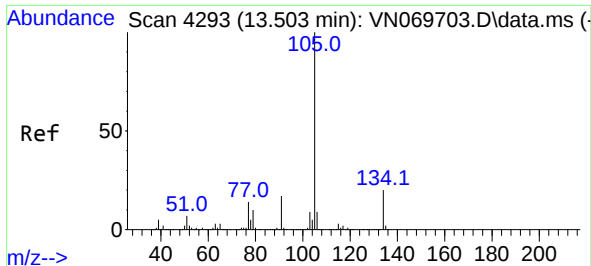


#84
1,2,4-Trimethylbenzene
Concen: 50.714 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



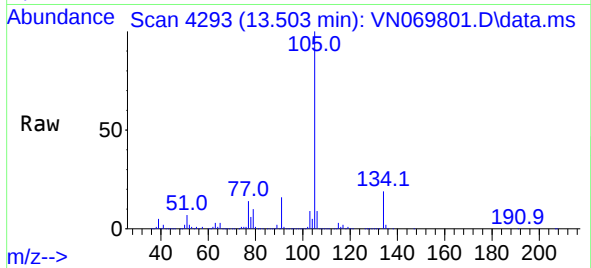
Tgt Ion:105 Resp: 2666905
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.658 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069801.D
 Acq: 6 Dec 2021 22:45

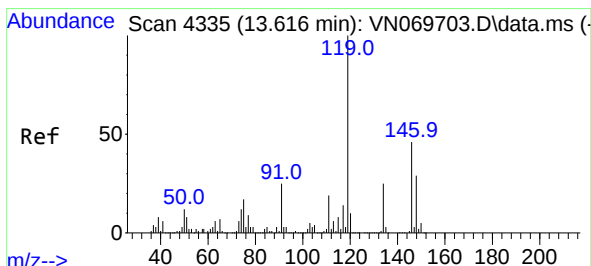
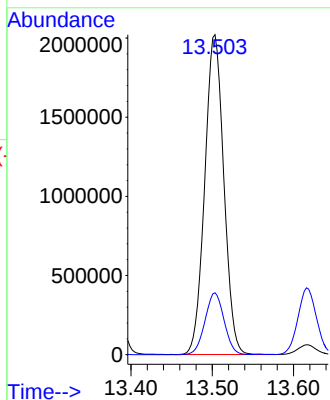
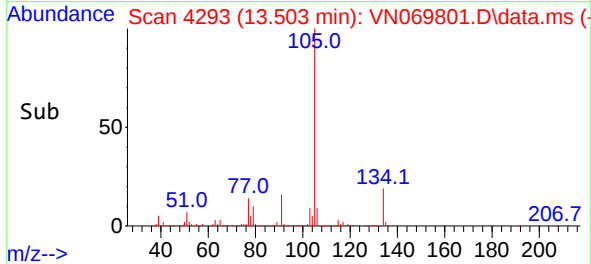
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



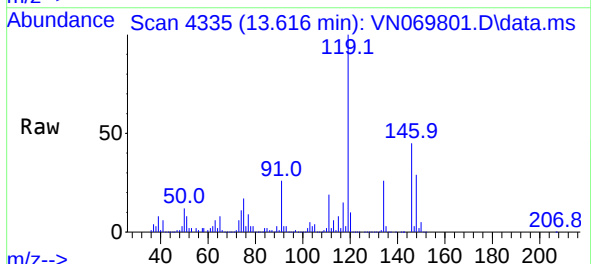
Tgt Ion:105 Resp: 3293298
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
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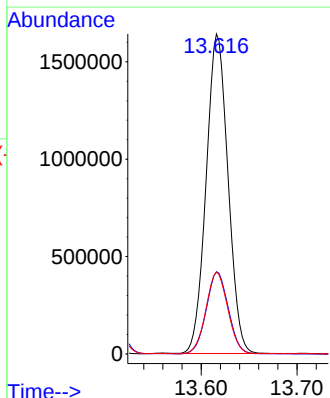
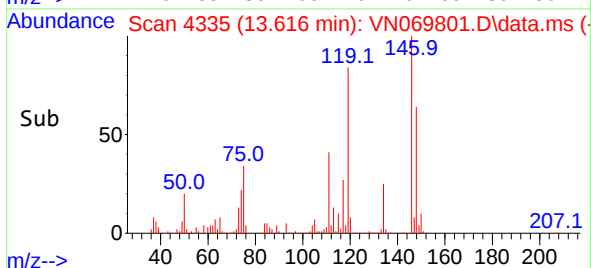
Reviewed By :John Carlone 12/07/2021
 Supervised By :Mahesh Dadoda 12/10/2021

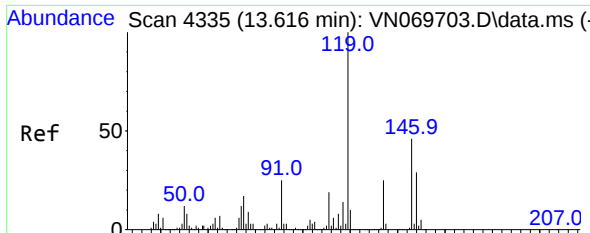


#86
 p-Isopropyltoluene
 Concen: 50.153 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069801.D
 Acq: 6 Dec 2021 22:45



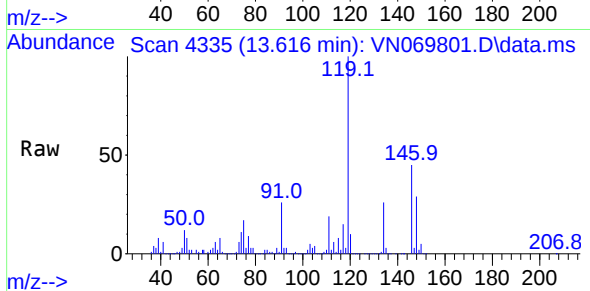
Tgt Ion:119 Resp: 2599892
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.098 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

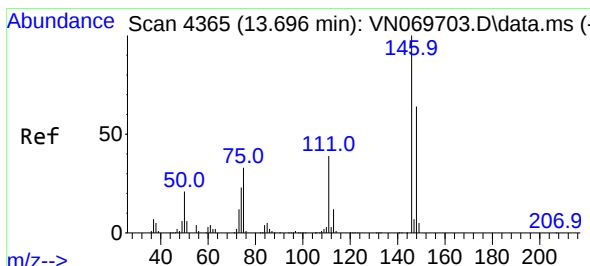
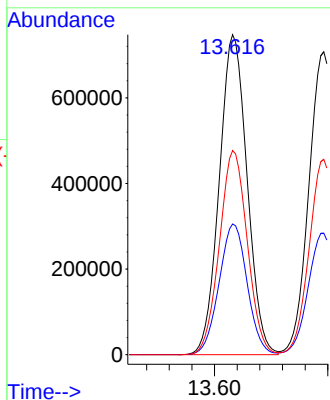
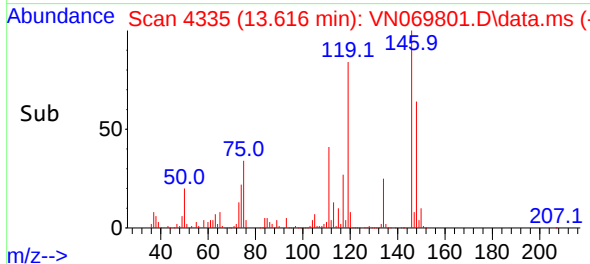
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



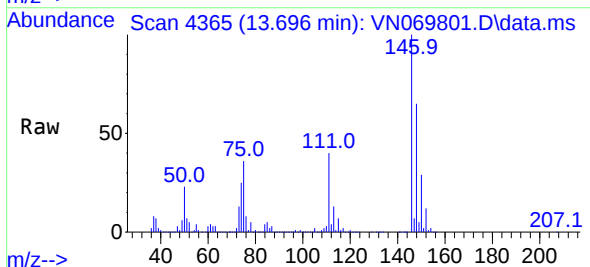
Tgt Ion:146 Resp: 1273269
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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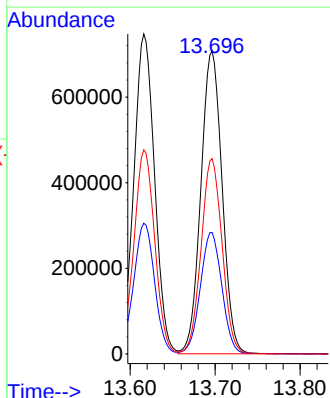
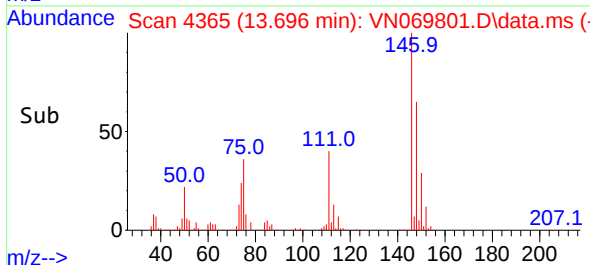
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

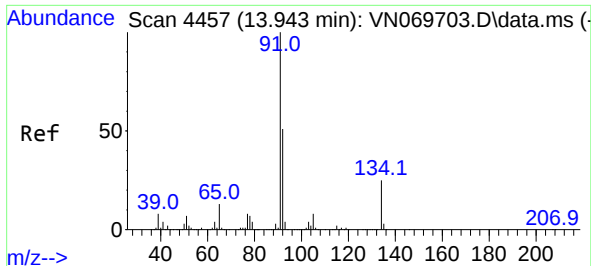


#88
1,4-Dichlorobenzene
Concen: 47.219 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



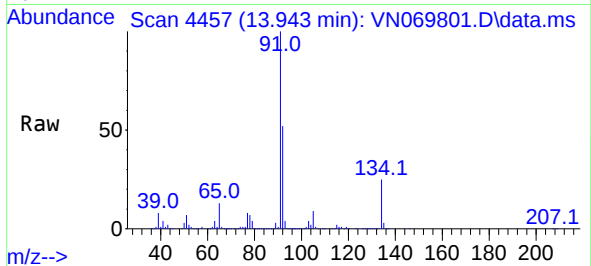
Tgt Ion:146 Resp: 1228432
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 50.693 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

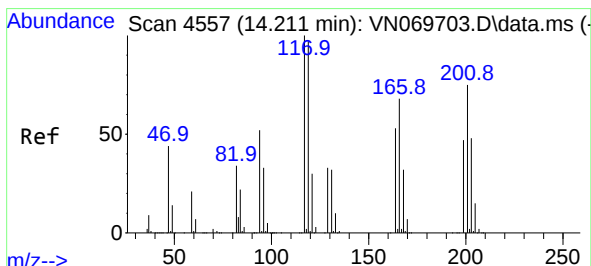
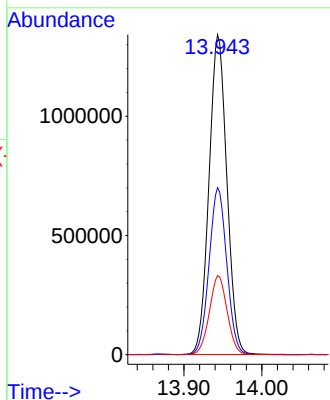
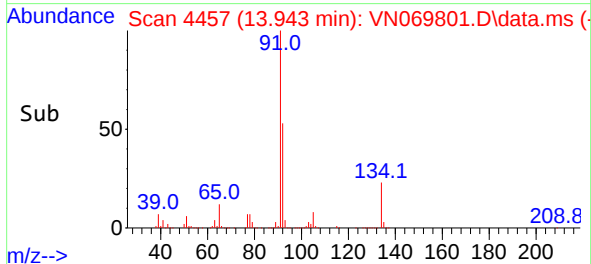
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 213171
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 24.6 13.6 40.8

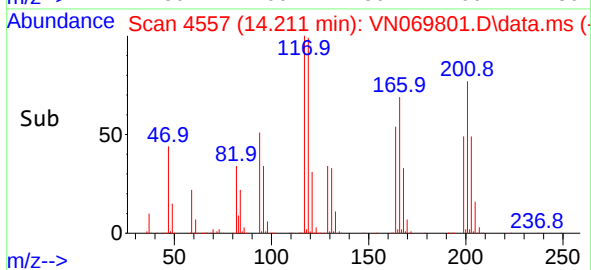
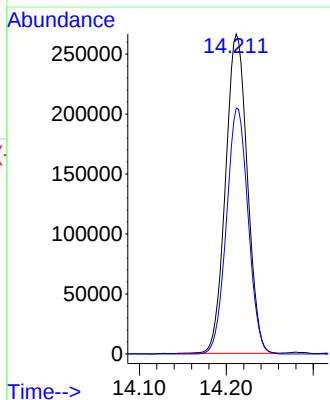
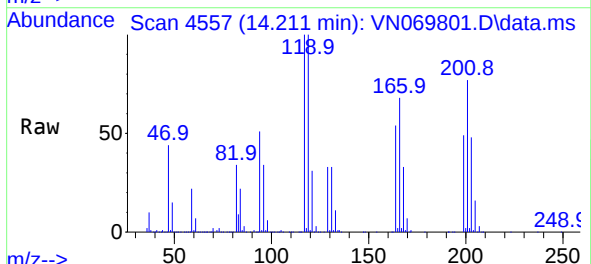
Manual Integrations
APPROVED

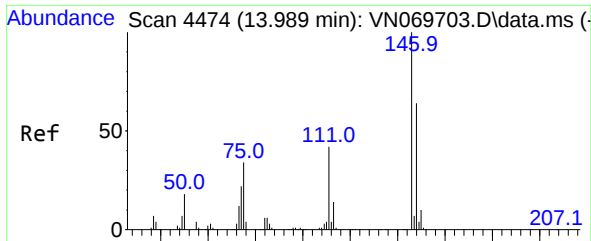
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#90
Hexachloroethane
Concen: 51.000 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

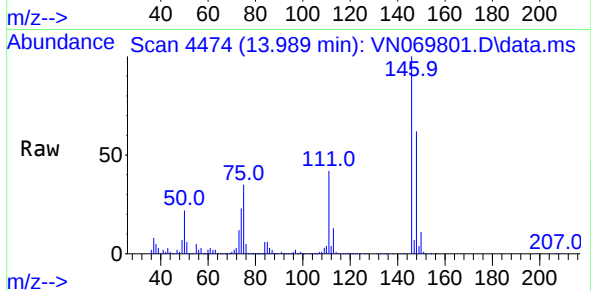
Tgt Ion:117 Resp: 464173
Ion Ratio Lower Upper
117 100
201 76.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.894 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

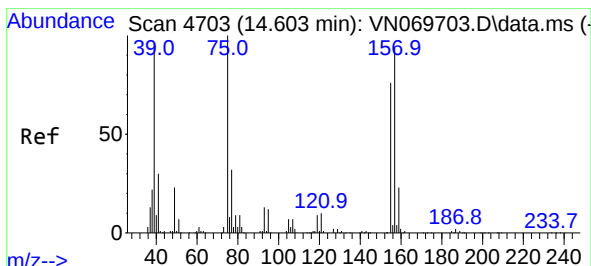
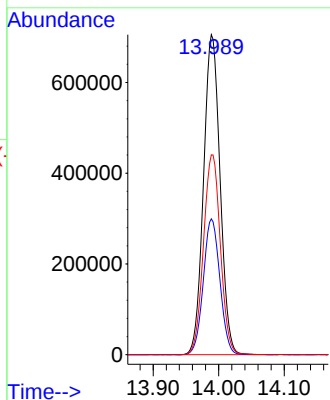
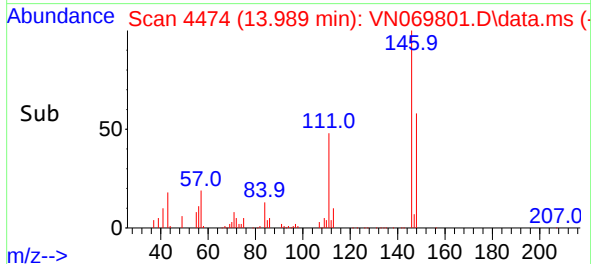
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



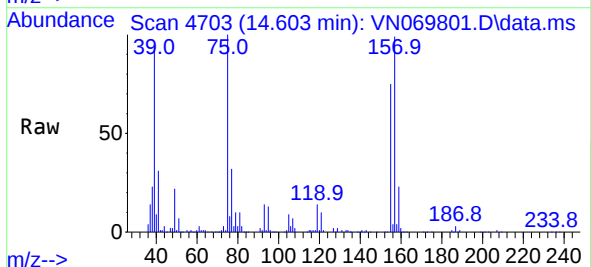
Tgt Ion:146 Resp: 1235372
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 63.8 32.1 96.3

Manual Integrations
APPROVED

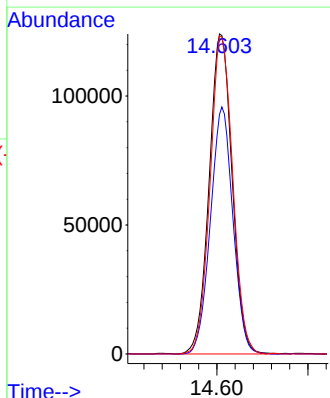
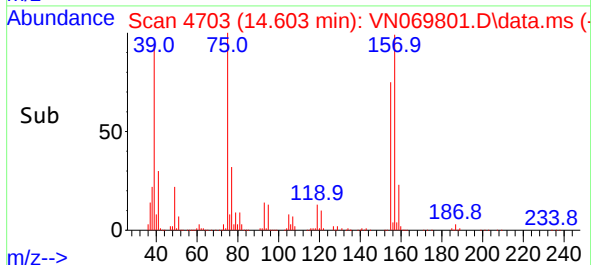
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

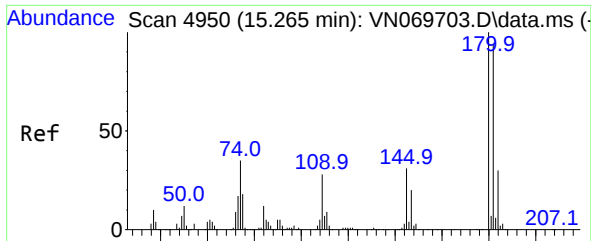


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.537 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



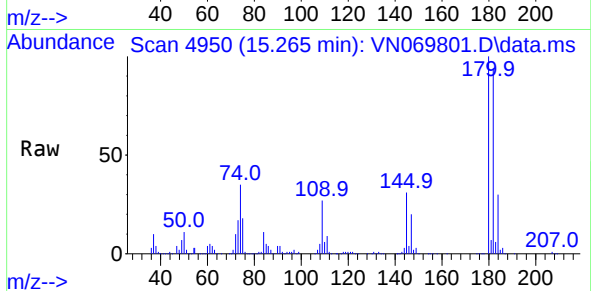
Tgt Ion: 75 Resp: 216640
Ion Ratio Lower Upper
75 100
155 75.6 46.9 140.7
157 97.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.318 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

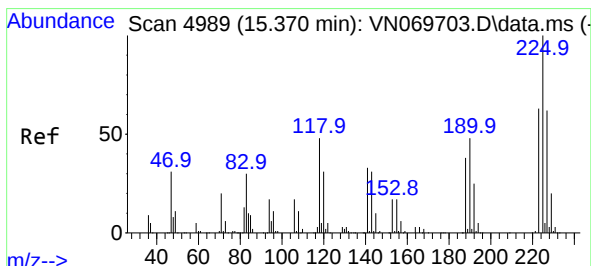
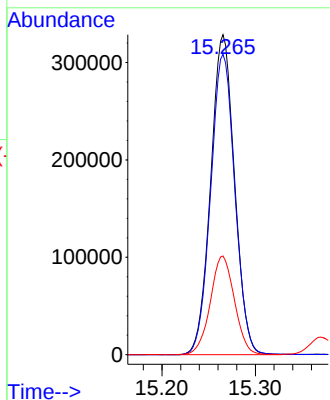
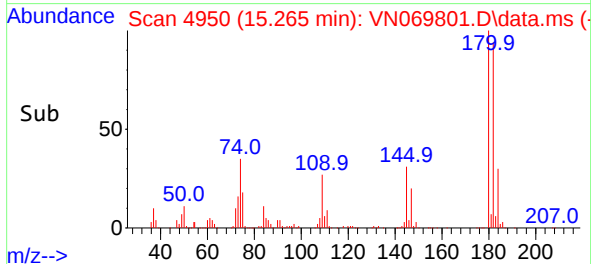
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



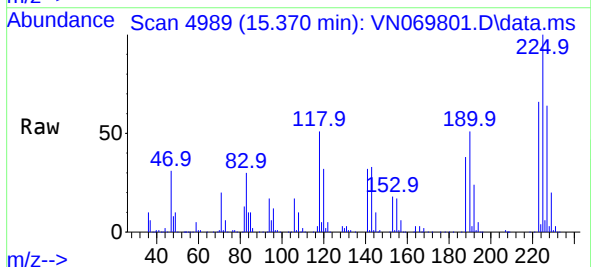
Tgt Ion:180 Resp: 583114
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 31.3 14.5 43.5

Manual Integrations
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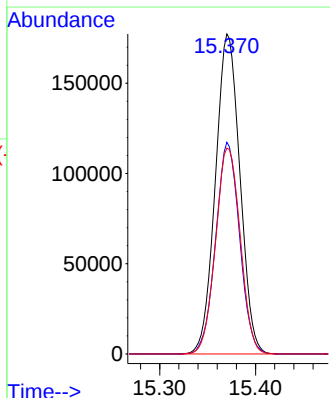
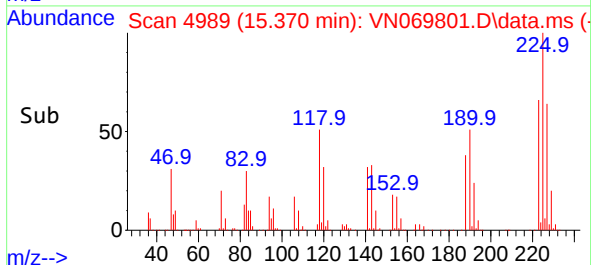
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

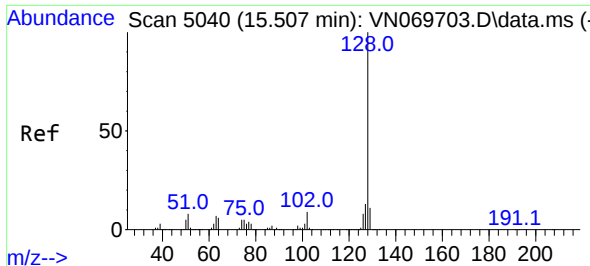


#94
Hexachlorobutadiene
Concen: 46.042 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45



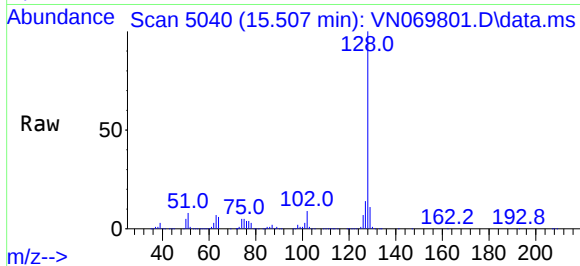
Tgt Ion:225 Resp: 314737
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.7
227 64.7 32.1 96.3





#95
Naphthalene
Concen: 48.259 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

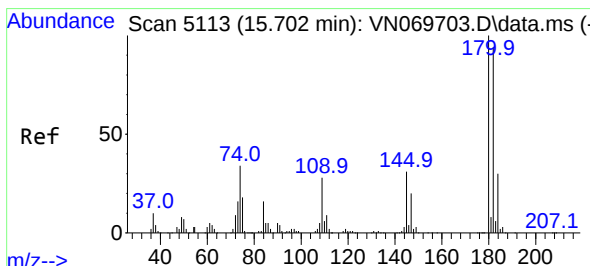
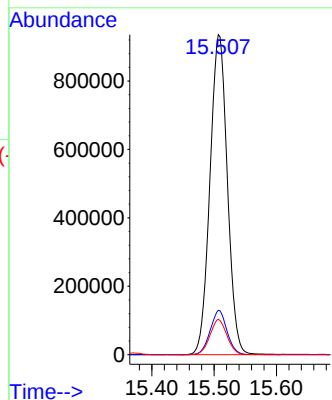
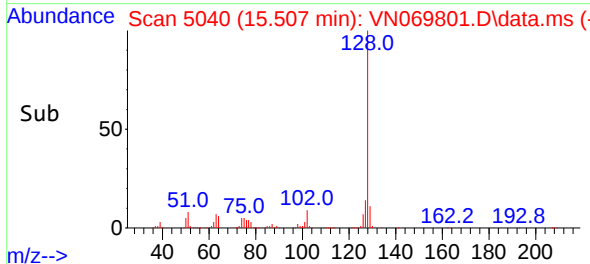
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1812830
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.297 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN069801.D
Acq: 6 Dec 2021 22:45

Tgt Ion:180 Resp: 581423
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 33.2 15.0 45.1

