

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069675.D
 Acq On : 29 Nov 2021 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:19:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1219014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2006660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1855730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	777724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	849432	48.058	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.120%
35) Dibromofluoromethane	8.021	113	600498	49.896	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.800%
50) Toluene-d8	10.440	98	2266968	47.893	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.731	95	849868	48.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	550438	42.265	ug/l	98
3) Chloromethane	2.303	50	622898	41.242	ug/l	99
4) Vinyl Chloride	2.448	62	627105	41.467	ug/l	97
5) Bromomethane	2.845	94	410746	41.821	ug/l	99
6) Chloroethane	3.017	64	391427	38.346	ug/l	98
7) Trichlorofluoromethane	3.376	101	907777	38.839	ug/l	98
8) Diethyl Ether	3.824	74	376283	49.760	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.208	101	536350	48.716	ug/l	96
10) Methyl Iodide	4.419	142	690793	51.155	ug/l	98
11) Tert butyl alcohol	5.374	59	633260	198.828	ug/l	98
12) 1,1-Dichloroethene	4.181	96	473136	47.888	ug/l	90
13) Acrolein	4.041	56	129128	287.289	ug/l	97
14) Allyl chloride	4.840	41	1100195	50.366	ug/l	94
15) Acrylonitrile	5.554	53	2039803	250.093	ug/l	99
16) Acetone	4.285	43	2002015	209.933	ug/l	97
17) Carbon Disulfide	4.529	76	847163	36.274	ug/l	99
18) Methyl Acetate	4.854	43	1480647	47.763	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	2209068	52.832	ug/l	97
20) Methylene Chloride	5.095	84	630781	46.645	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	512501	46.442	ug/l	89
22) Diisopropyl ether	6.498	45	2501189	53.155	ug/l	93
23) Vinyl Acetate	6.434	43	9544114	262.248	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1209123	50.450	ug/l	98
25) 2-Butanone	7.335	43	2997356	232.117	ug/l	92
26) 2,2-Dichloropropane	7.327	77	945802	50.438	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	685891	50.139	ug/l	86
28) Bromochloromethane	7.657	49	642259	52.329	ug/l #	81
29) Tetrahydrofuran	7.683	42	1892631	238.834	ug/l	90
30) Chloroform	7.817	83	1262699	51.391	ug/l	100
31) Cyclohexane	8.094	56	1012446	41.928	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	1048655	51.131	ug/l	96
36) 1,1-Dichloropropene	8.222	75	833662	49.374	ug/l	96
37) Ethyl Acetate	7.412	43	1179449	51.675	ug/l	96
38) Carbon Tetrachloride	8.206	117	846565	51.932	ug/l	99
39) Methylcyclohexane	9.459	83	964687	45.928	ug/l	91
40) Benzene	8.458	78	2582837	49.558	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	618793	52.468	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1086043	53.219	ug/l	97
43) Isopropyl Acetate	8.560	43	1948763	53.156	ug/l #	94
44) Trichloroethene	9.215	130	628400	50.380	ug/l	91
45) 1,2-Dichloropropane	9.491	63	752753	54.060	ug/l	99
46) Dibromomethane	9.577	93	474922	50.921	ug/l	94
47) Bromodichloromethane	9.762	83	966290	55.521	ug/l	99
48) Methyl methacrylate	9.558	41	891123	51.664	ug/l	91
49) 1,4-Dioxane	9.566	88	248836	738.595	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	6253159	264.250	ug/l	96
52) Toluene	10.505	92	1656017	51.004	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1030403	48.250	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1110801	49.286	ug/l #	90
55) 1,1,2-Trichloroethane	10.896	97	708628	54.143	ug/l	98
56) Ethyl methacrylate	10.760	69	1200292	48.718	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1229044	53.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1416360	225.756	ug/l	92
59) 2-Hexanone	11.084	43	4300451	216.339	ug/l	93
60) Dibromochloromethane	11.237	129	712074	49.590	ug/l	100
61) 1,2-Dibromoethane	11.344	107	710953	48.695	ug/l	99
64) Tetrachloroethene	10.977	164	568514	50.737	ug/l	95
65) Chlorobenzene	11.768	112	1817457	52.617	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	688148	57.437	ug/l	100
67) Ethyl Benzene	11.843	91	3328669	52.251	ug/l	97
68) m/p-Xylenes	11.950	106	2415179	103.080	ug/l	93
69) o-Xylene	12.280	106	1228834	52.608	ug/l	93
70) Styrene	12.294	104	2021868	48.265	ug/l	96
71) Bromoform	12.457	173	504753	48.621	ug/l #	100
73) Isopropylbenzene	12.578	105	3312924	53.501	ug/l	99
74) N-amyl acetate	12.388	43	1368019	52.130	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1077709	51.602	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	966206m	53.833	ug/l	
77) Bromobenzene	12.860	156	757104	53.461	ug/l	81
78) n-propylbenzene	12.919	91	3754099	53.878	ug/l	97
79) 2-Chlorotoluene	13.007	91	2294613	53.187	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2738467	54.704	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	276709	46.367	ug/l	93
82) 4-Chlorotoluene	13.104	91	2178555	52.972	ug/l	93
83) tert-Butylbenzene	13.324	119	2397185	54.645	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2845855	58.887	ug/l	98
85) sec-Butylbenzene	13.501	105	3291489	53.712	ug/l	98
86) p-Isopropyltoluene	13.616	119	2610893	53.670	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1266927	51.600	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1223638	50.801	ug/l	97
89) n-Butylbenzene	13.940	91	2151932	53.046	ug/l	98
90) Hexachloroethane	14.211	117	458075	51.176	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1239683	53.061	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	184933	47.713	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	556830	45.767	ug/l	97
94) Hexachlorobutadiene	15.370	225	334890	55.165	ug/l	98
95) Naphthalene	15.504	128	1883526	54.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	529758	45.556	ug/l	99

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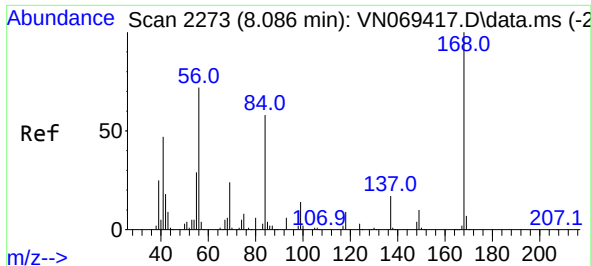
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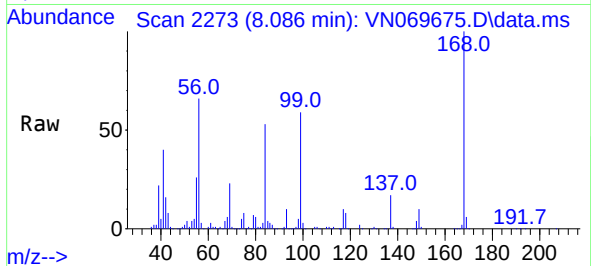
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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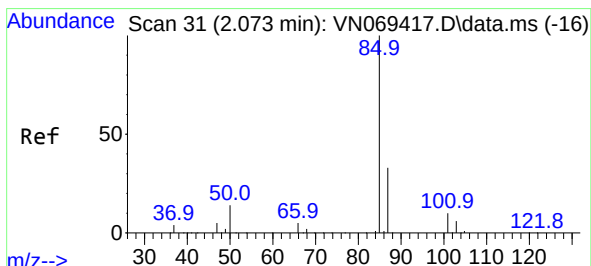
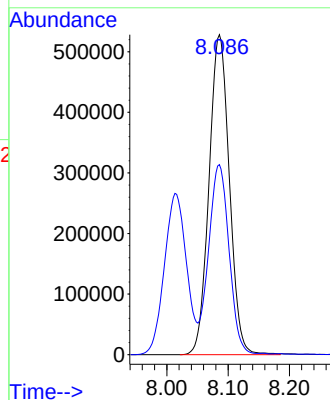
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 1219014
Ion Ratio Lower Upper
168 100
99 59.1 41.3 61.9

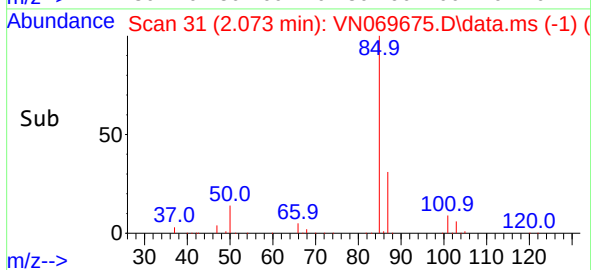
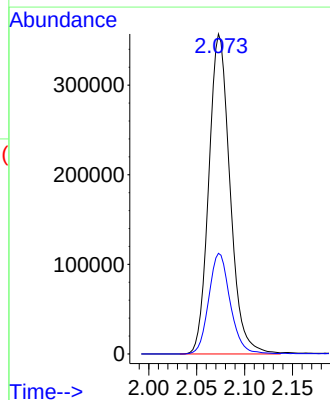
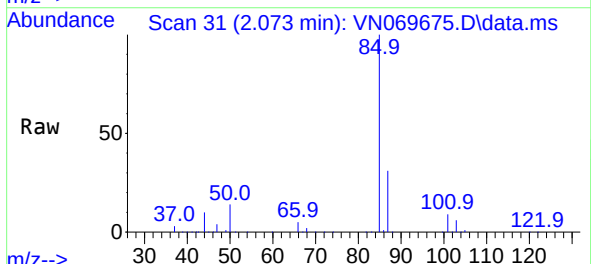
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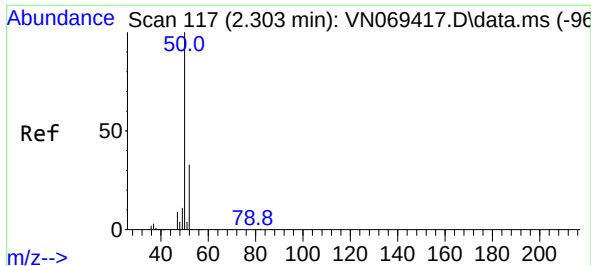
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#2
Dichlorodifluoromethane
Concen: 42.265 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

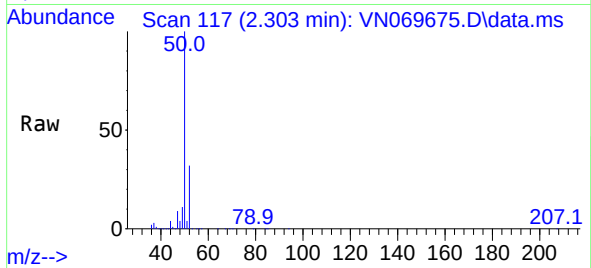
Tgt Ion: 85 Resp: 550438
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 41.242 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

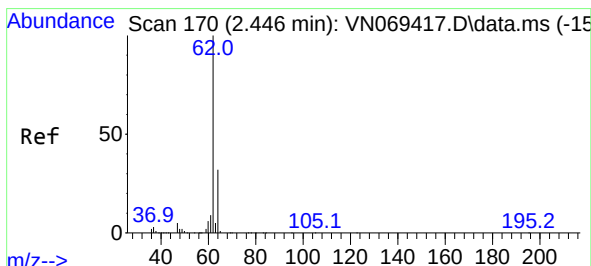
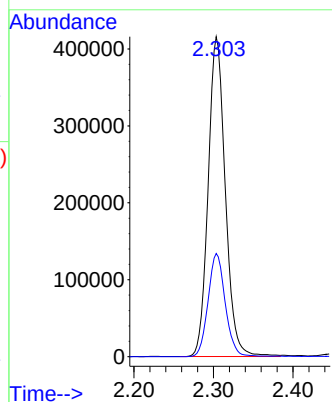
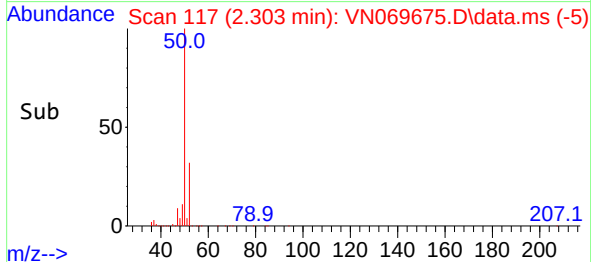
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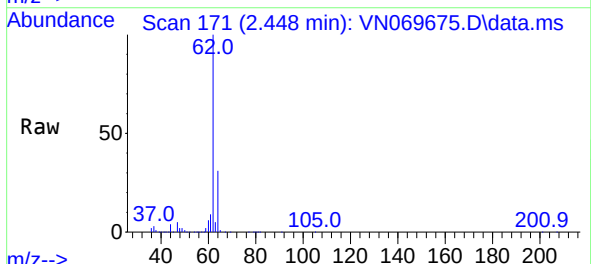
Tgt Ion: 50 Resp: 622898
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

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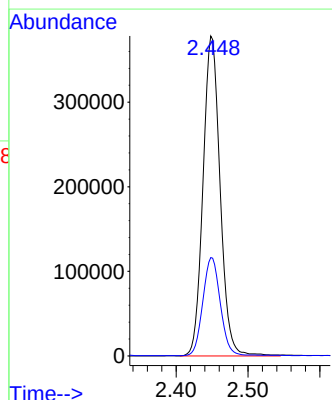
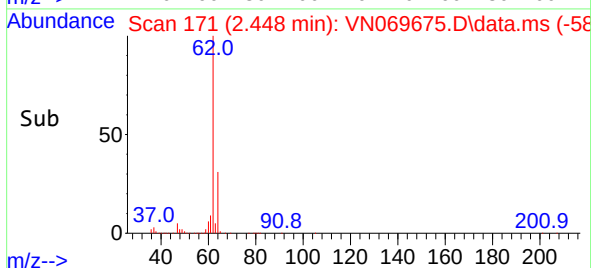
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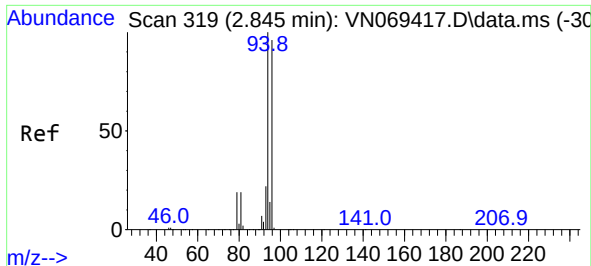


#4
Vinyl Chloride
Concen: 41.467 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



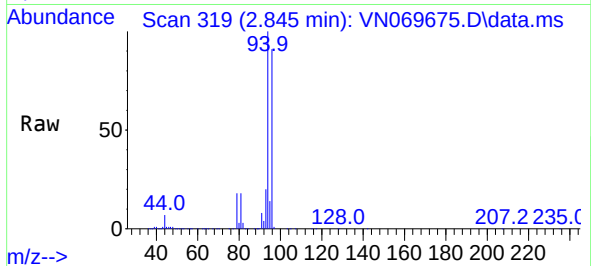
Tgt Ion: 62 Resp: 627105
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6





#5
Bromomethane
Concen: 41.821 ug/l
RT: 2.845 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

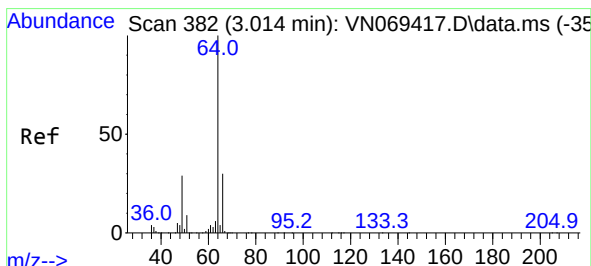
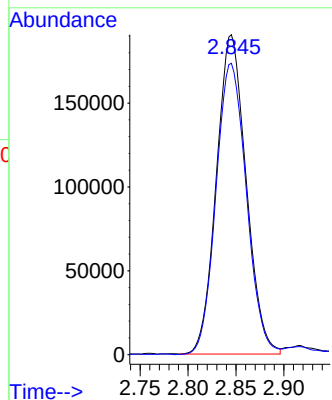
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 410740
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

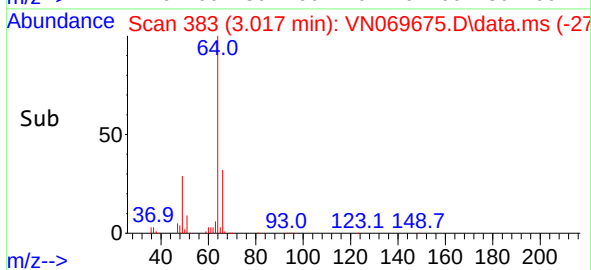
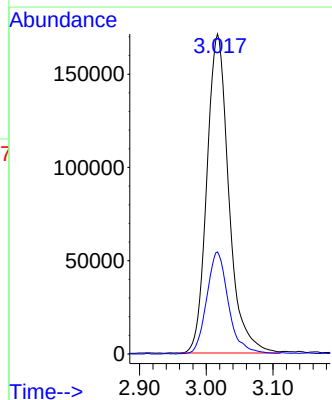
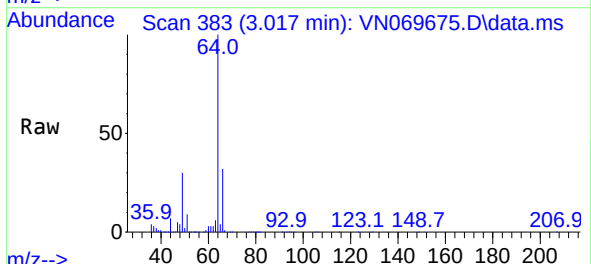
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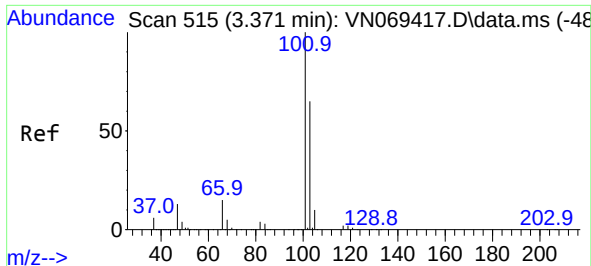
Reviewed By :John Carlone 11/30/2021
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#6
Chloroethane
Concen: 38.346 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

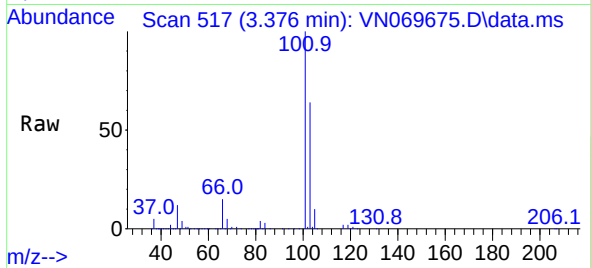
Tgt Ion: 64 Resp: 391427
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 38.839 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069675.D
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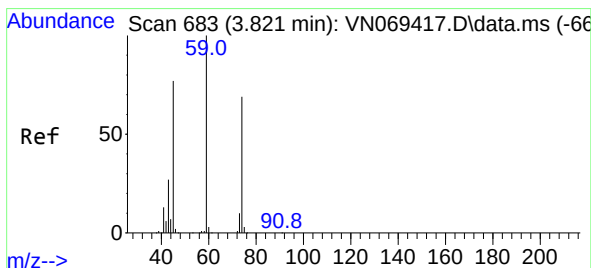
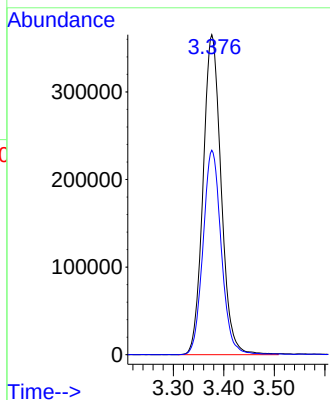
Instrument :
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Tgt Ion:101 Resp: 90777
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

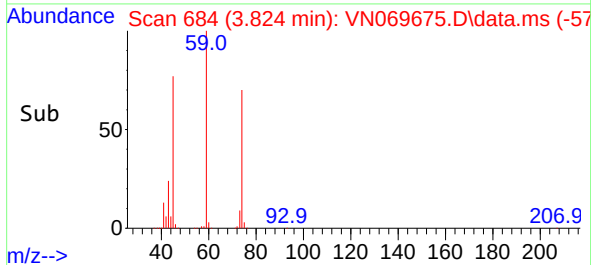
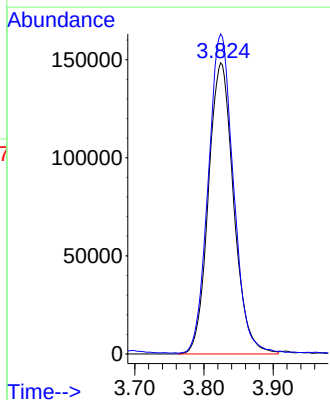
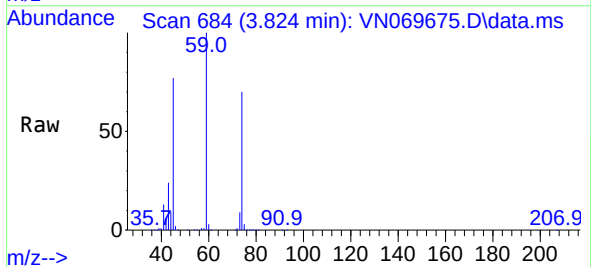
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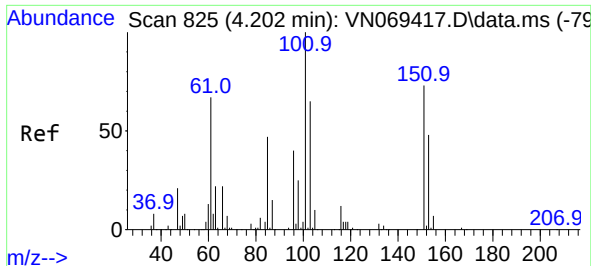
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#8
Diethyl Ether
Concen: 49.760 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Tgt Ion: 74 Resp: 376283
Ion Ratio Lower Upper
74 100
45 108.7 47.0 141.2





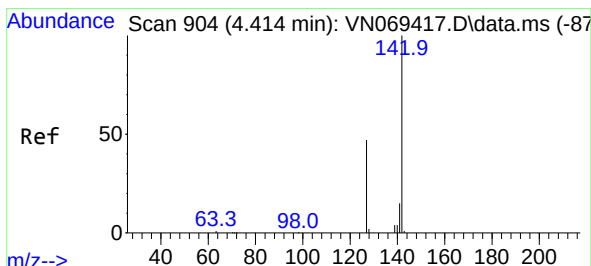
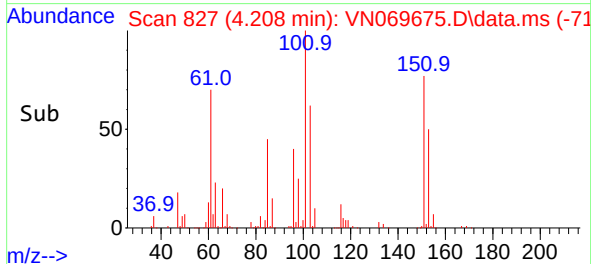
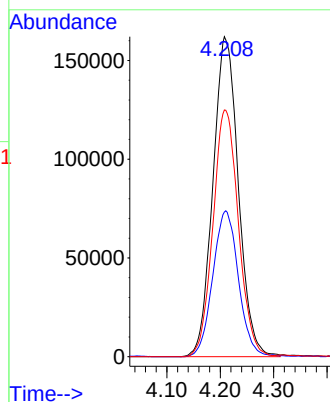
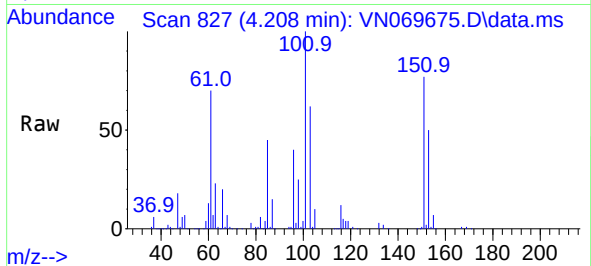
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.716 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069675.D
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Tgt Ion:101 Resp: 536350
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 77.2 65.9 98.9

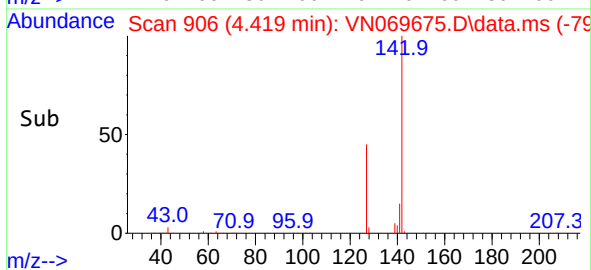
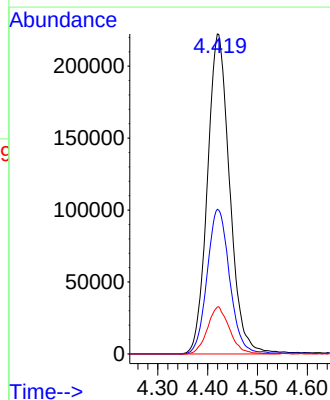
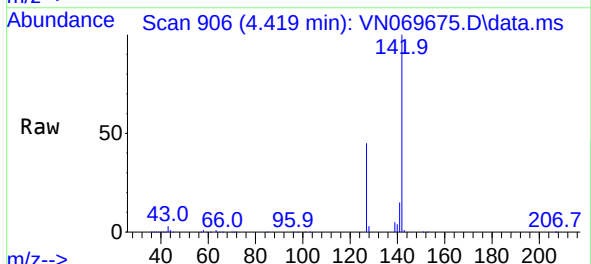
Manual Integrations
APPROVED

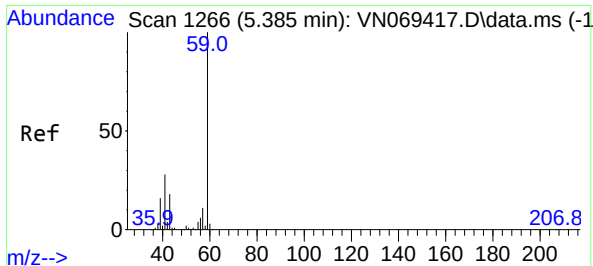
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#10
Methyl Iodide
Concen: 51.155 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

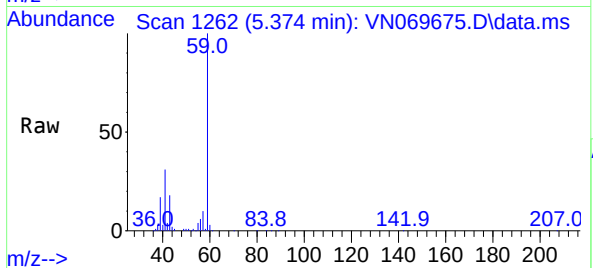
Tgt Ion:142 Resp: 690793
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 198.828 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

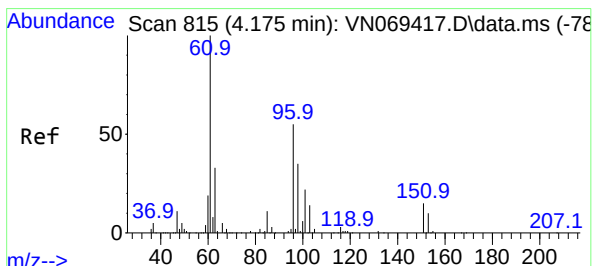
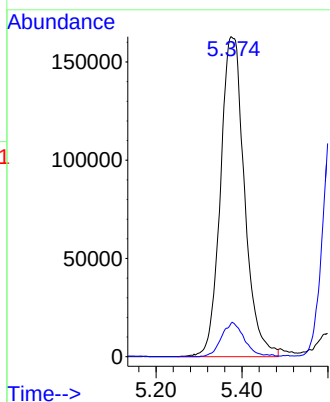
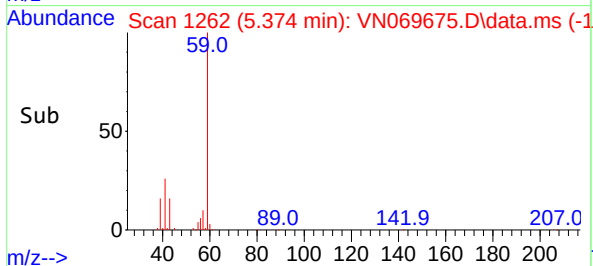
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



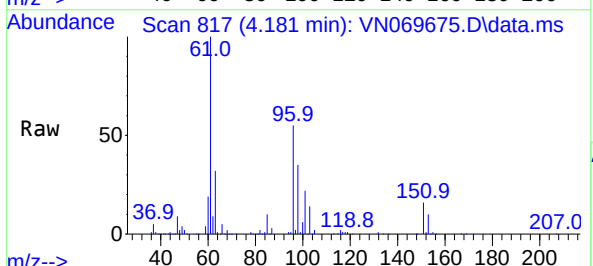
Tgt Ion: 59 Resp: 633260
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
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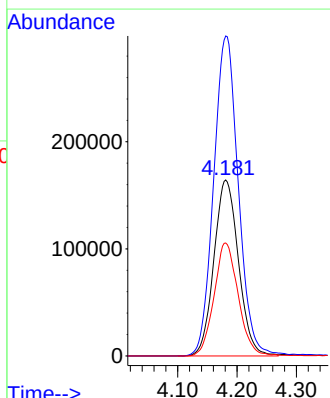
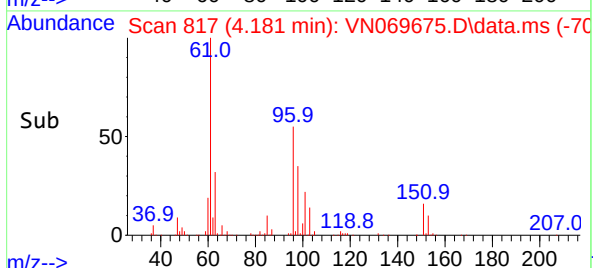
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

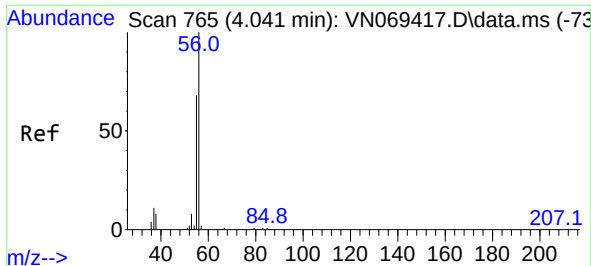


#12
1,1-Dichloroethene
Concen: 47.888 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



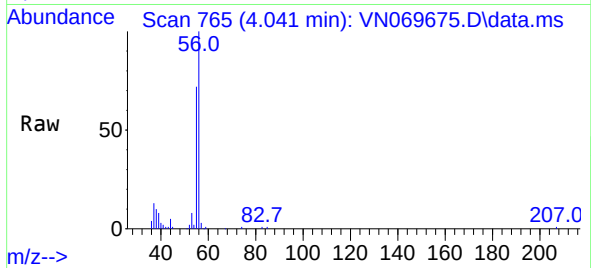
Tgt Ion: 96 Resp: 473136
Ion Ratio Lower Upper
96 100
61 181.6 131.0 196.6
98 64.2 52.4 78.6





#13
Acrolein
Concen: 287.289 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

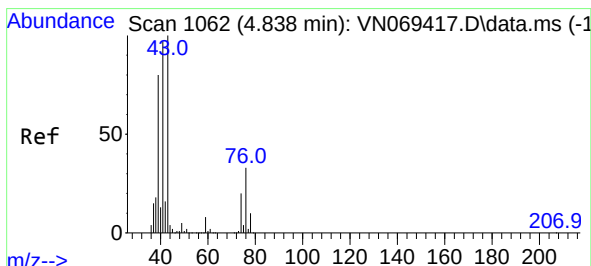
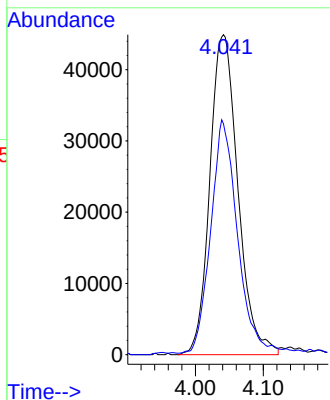
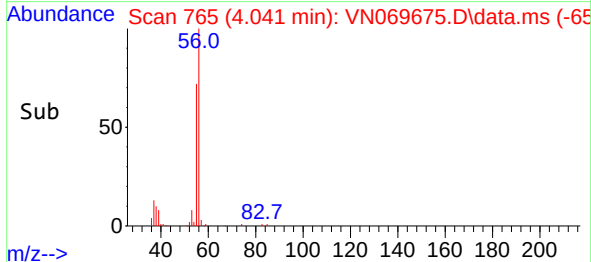
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



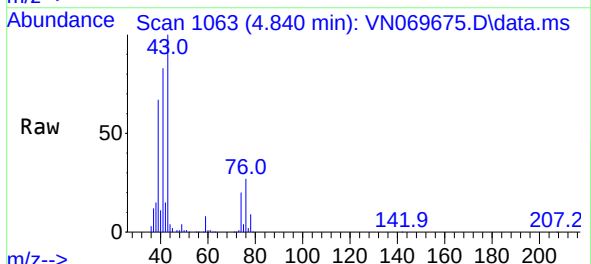
Tgt Ion: 56 Resp: 129128
Ion Ratio Lower Upper
56 100
55 68.2 56.6 85.0

Manual Integrations
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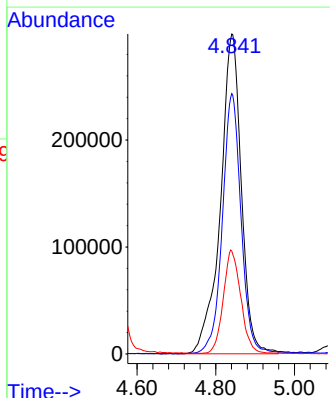
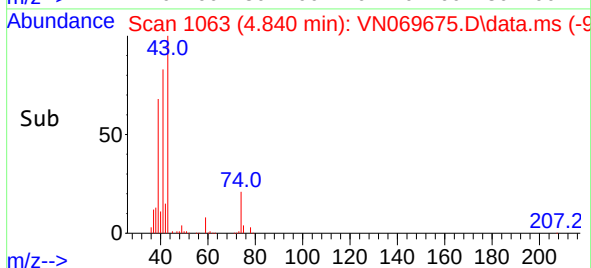
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

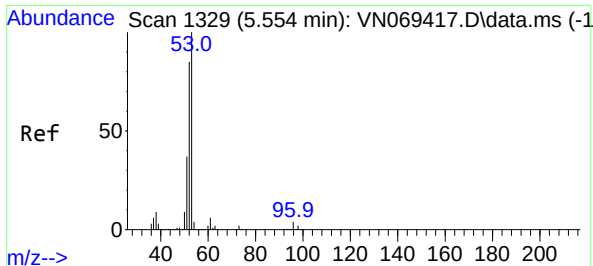


#14
Allyl chloride
Concen: 50.366 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



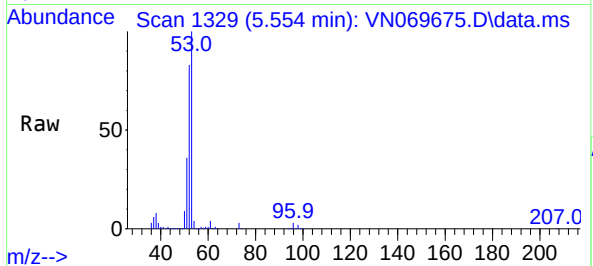
Tgt Ion: 41 Resp: 1100195
Ion Ratio Lower Upper
41 100
39 72.8 61.2 91.8
76 26.9 26.0 39.0





#15
Acrylonitrile
Concen: 250.093 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

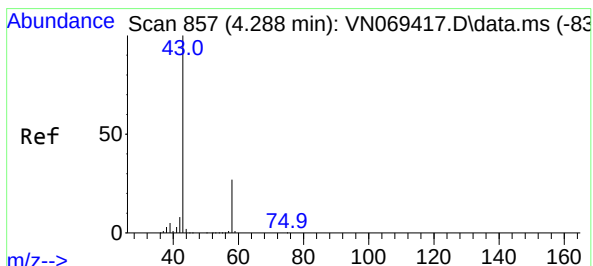
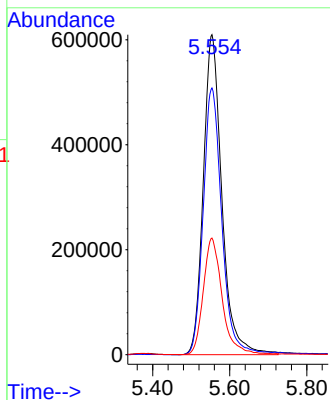
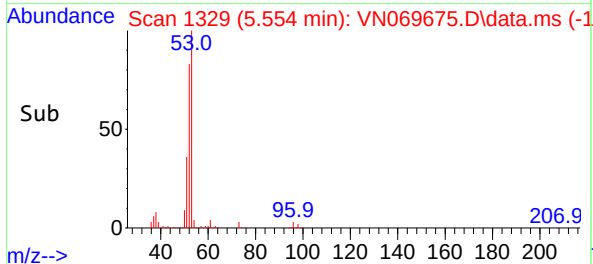
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



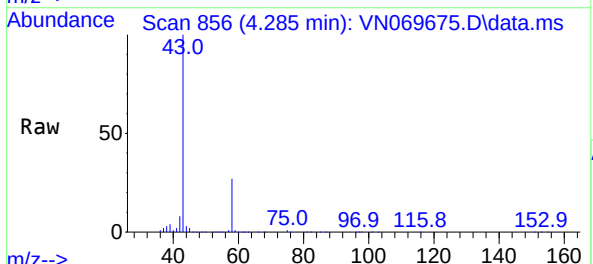
Tgt Ion: 53 Resp: 203980
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 36.9 29.6 44.4

Manual Integrations
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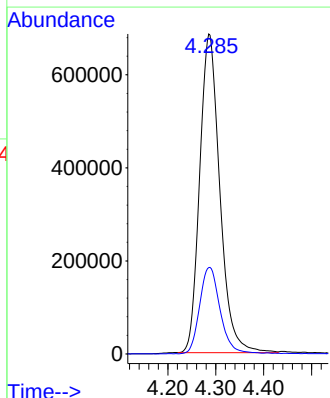
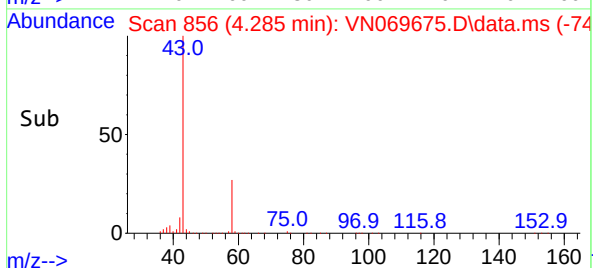
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

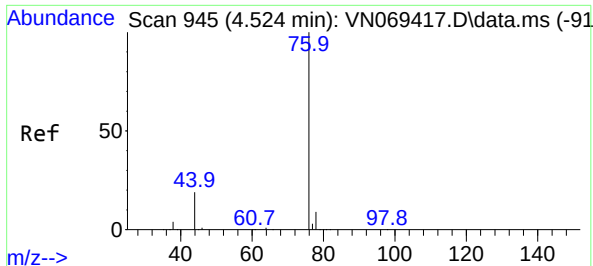


#16
Acetone
Concen: 209.933 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



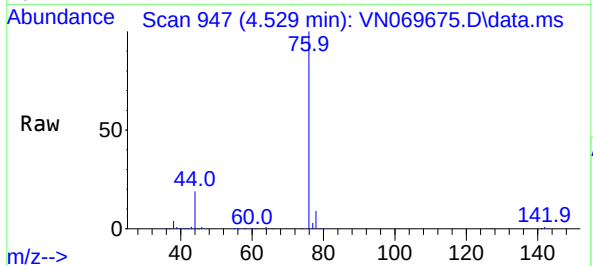
Tgt Ion: 43 Resp: 2002015
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





#17
Carbon Disulfide
Concen: 36.274 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

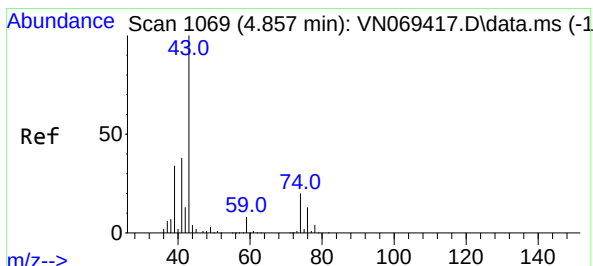
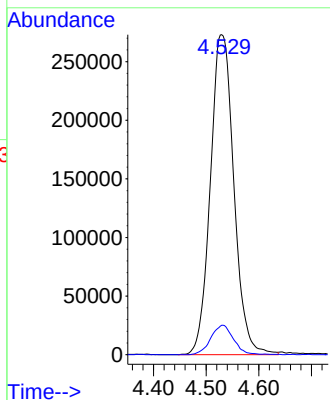
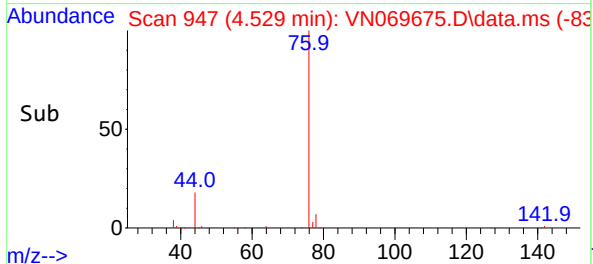
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 84716
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

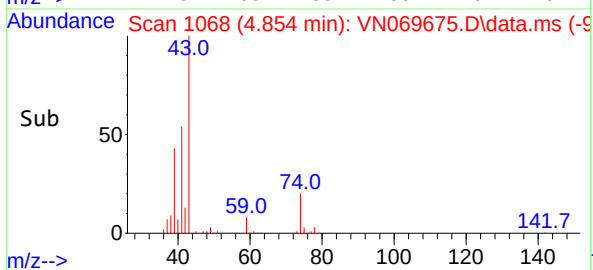
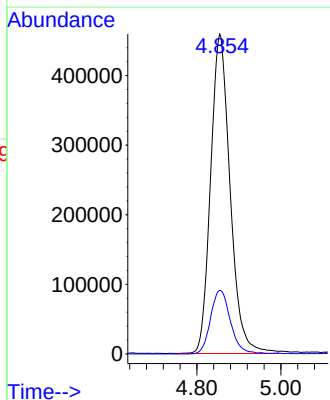
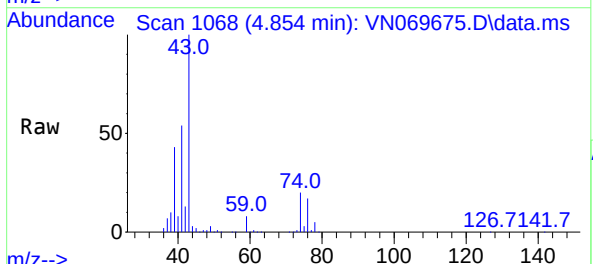
Manual Integrations
APPROVED

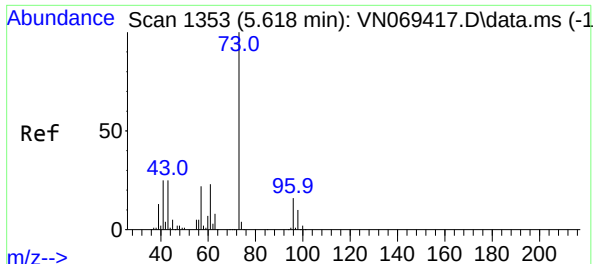
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#18
Methyl Acetate
Concen: 47.763 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Tgt Ion: 43 Resp: 1480647
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





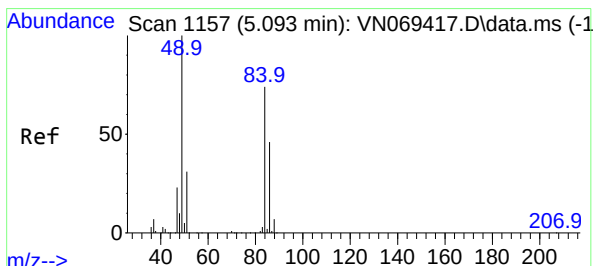
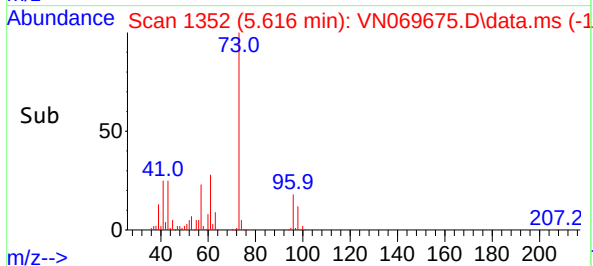
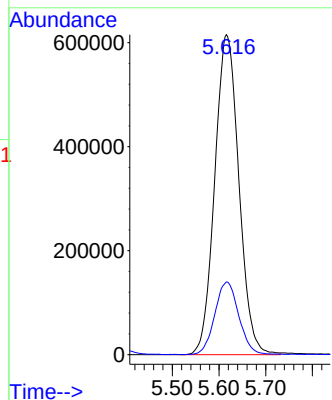
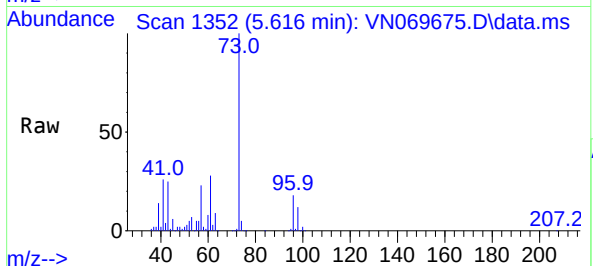
#19
Methyl tert-butyl Ether
Concen: 52.832 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 220906
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

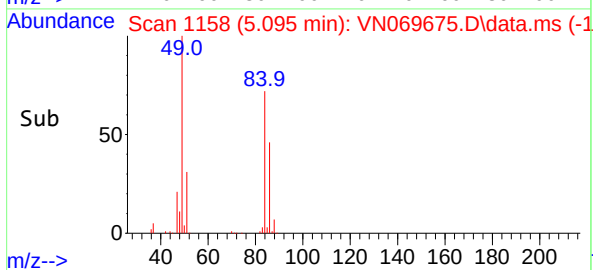
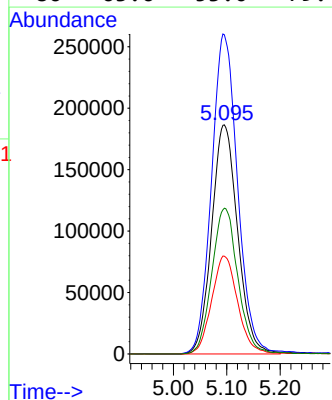
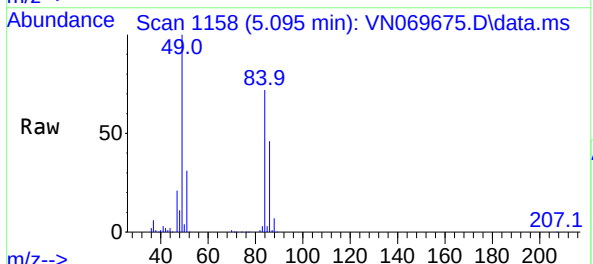
Manual Integrations
APPROVED

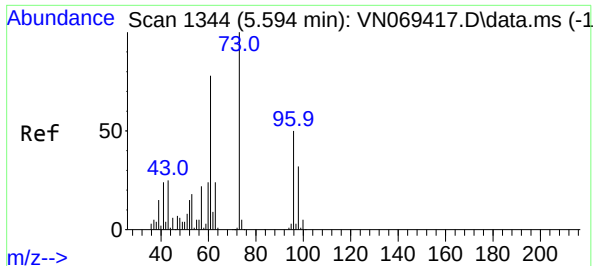
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#20
Methylene Chloride
Concen: 46.645 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

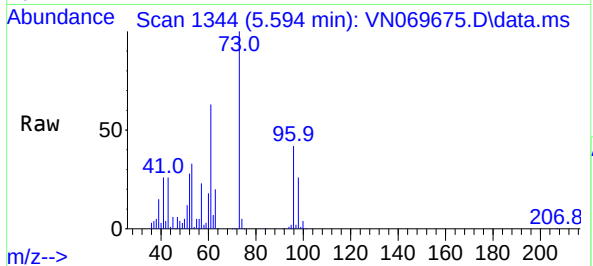
Tgt Ion: 84 Resp: 630781
Ion Ratio Lower Upper
84 100
49 139.3 93.5 140.3
51 42.6 29.4 44.2
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.442 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

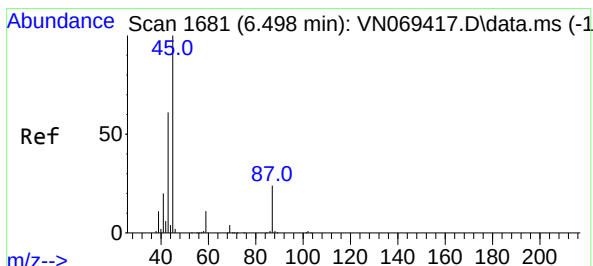
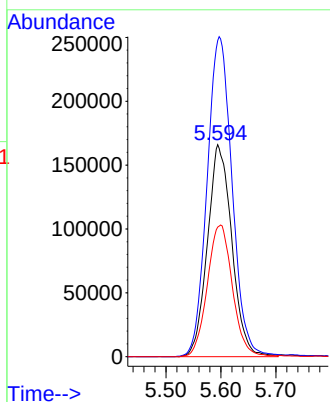
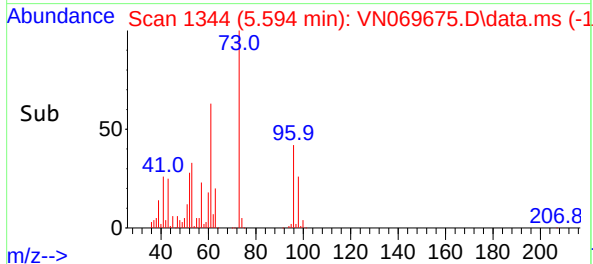
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



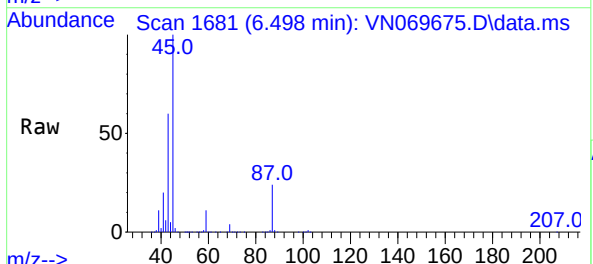
Tgt Ion: 96 Resp: 51250
Ion Ratio Lower Upper
96 100
61 149.0 105.8 158.6
98 61.2 52.0 78.0

Manual Integrations
APPROVED

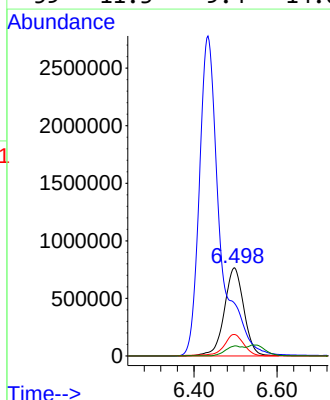
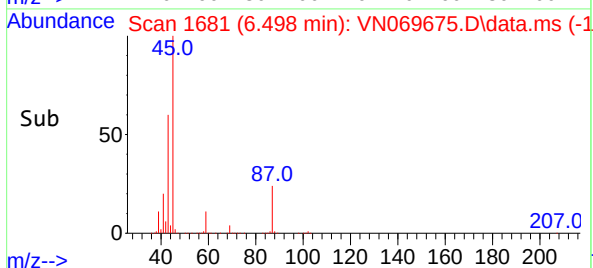
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

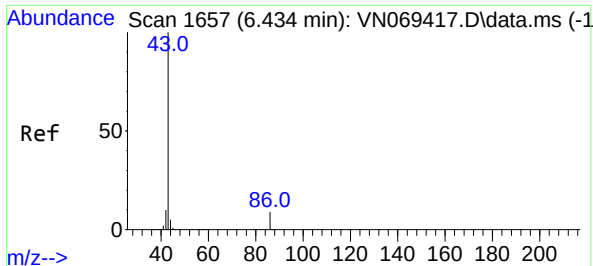


#22
Diisopropyl ether
Concen: 53.155 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



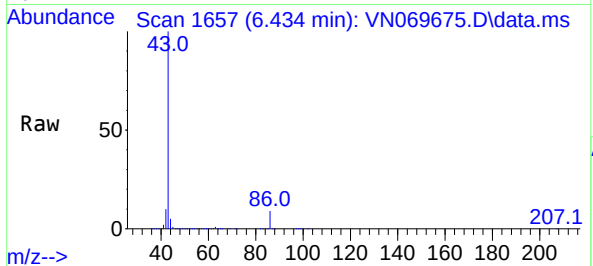
Tgt Ion: 45 Resp: 2501189
Ion Ratio Lower Upper
45 100
43 59.4 51.7 77.5
87 24.2 23.2 34.8
59 11.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 262.248 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN069675.D
 Acq: 29 Nov 2021 19:59

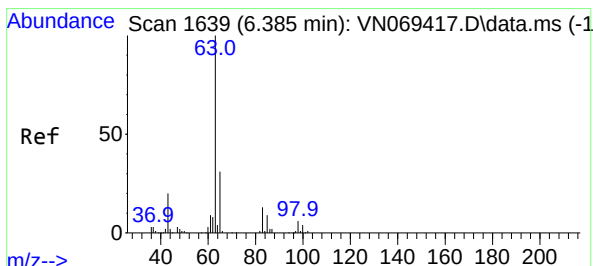
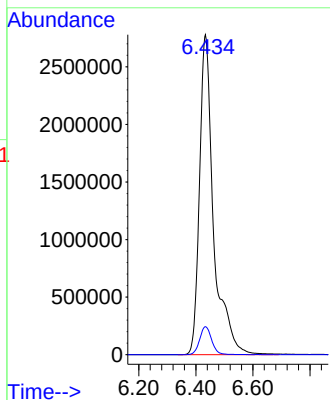
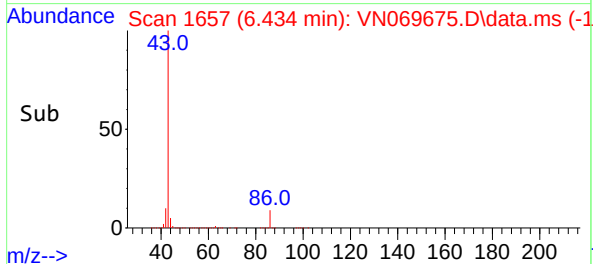
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



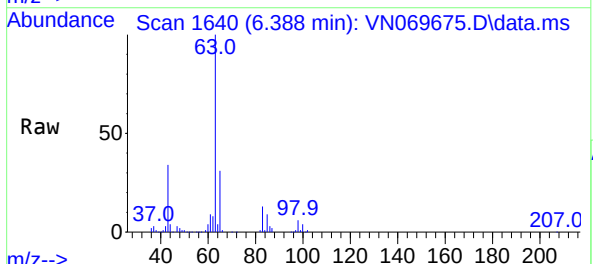
Tgt Ion: 43 Resp: 9544114
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations
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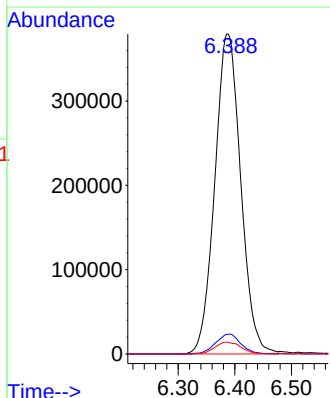
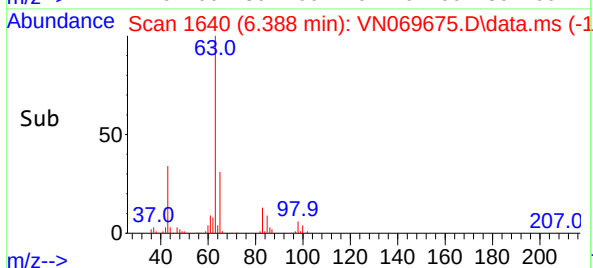
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

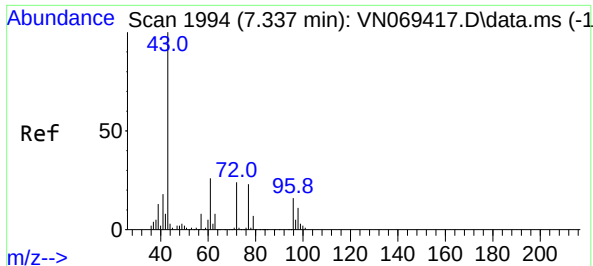


#24
 1,1-Dichloroethane
 Concen: 50.450 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069675.D
 Acq: 29 Nov 2021 19:59



Tgt Ion: 63 Resp: 1209123
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 232.117 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.002 min

Lab File: VN069675.D

Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 299735

Ion Ratio Lower Upper

43 100

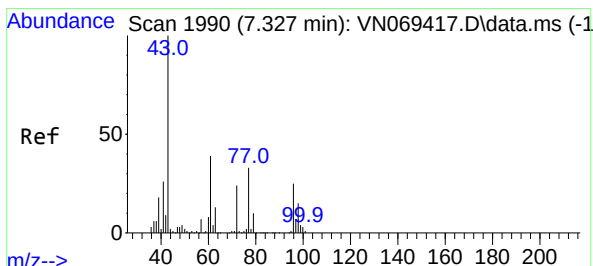
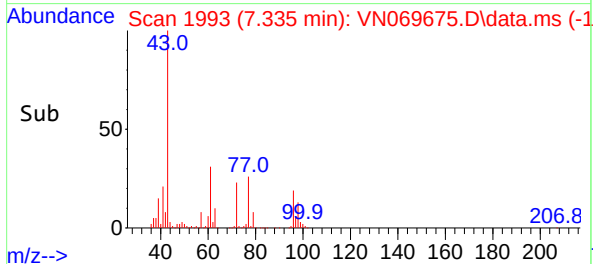
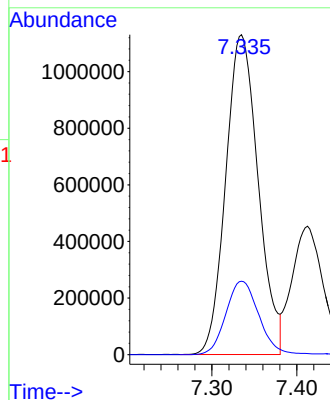
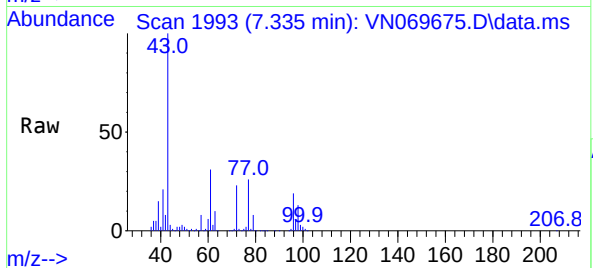
72 23.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#26

2,2-Dichloropropane

Concen: 50.438 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069675.D

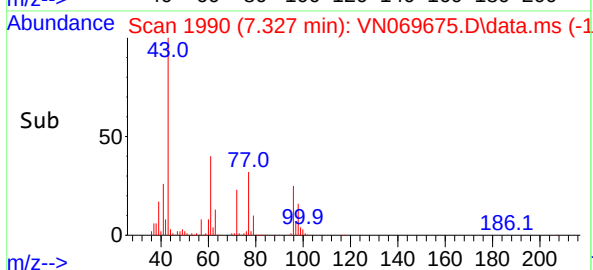
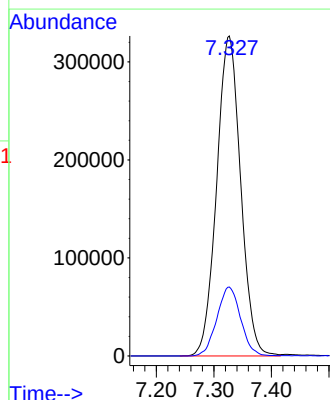
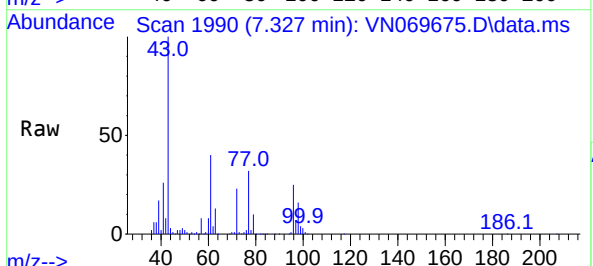
Acq: 29 Nov 2021 19:59

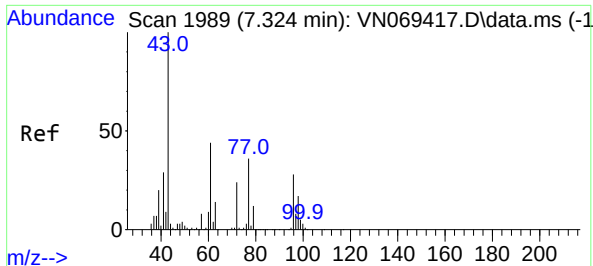
Tgt Ion: 77 Resp: 945802

Ion Ratio Lower Upper

77 100

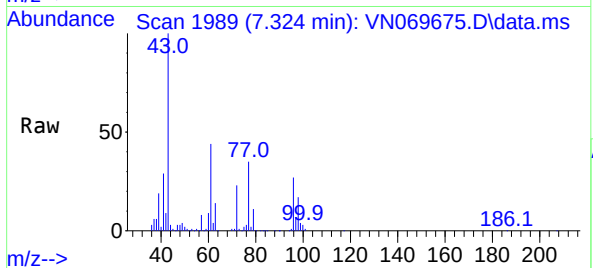
97 21.4 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 50.139 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

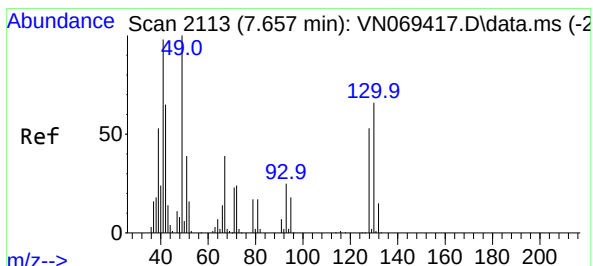
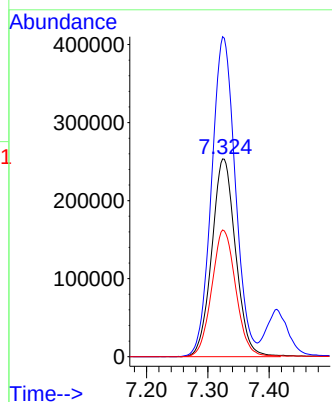
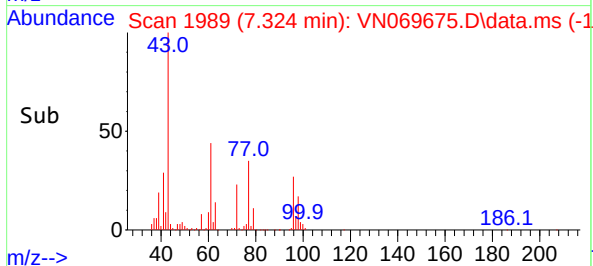
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 68589
Ion Ratio Lower Upper
96 100
61 161.3 0.0 275.0
98 64.7 0.0 129.6

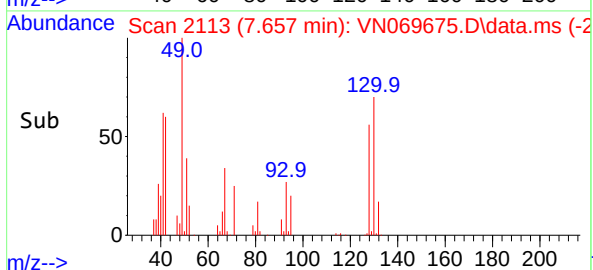
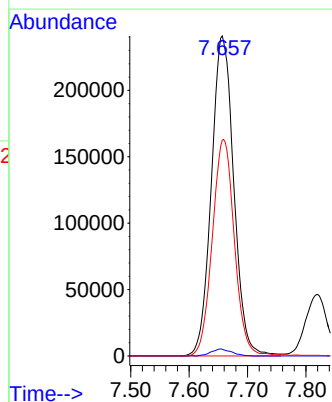
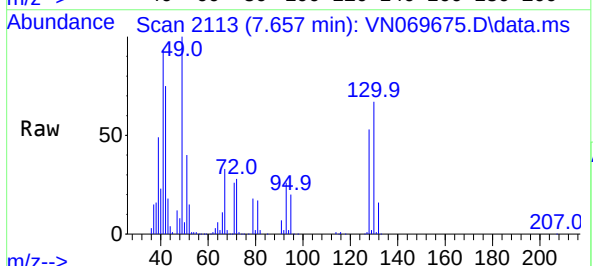
Manual Integrations
APPROVED

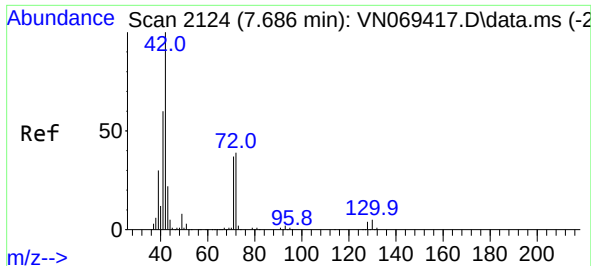
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#28
Bromochloromethane
Concen: 52.329 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Tgt Ion: 49 Resp: 642259
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 66.6 67.8 101.8#





#29
Tetrahydrofuran
Concen: 238.834 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

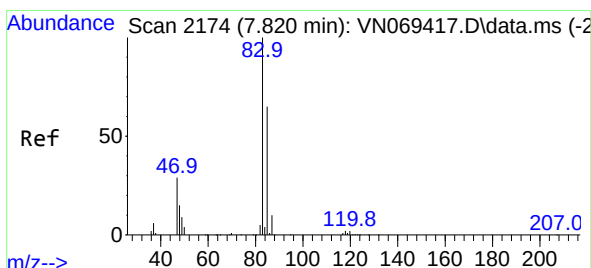
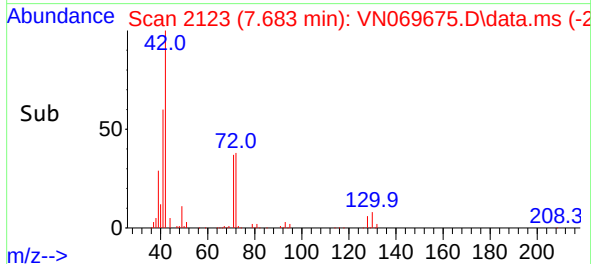
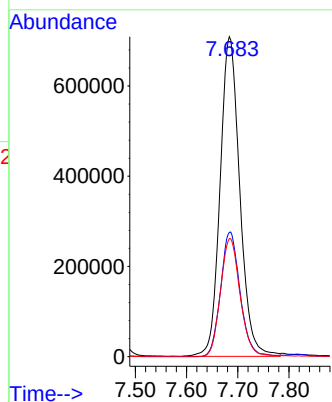
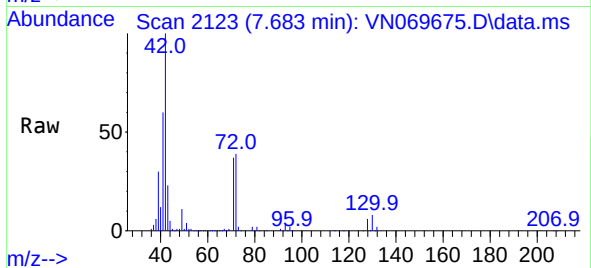
VSTDCCC050EC

Tgt Ion: 42 Resp: 189263
Ion Ratio Lower Upper
42 100
72 38.4 36.3 54.5
71 37.1 34.7 52.1

Manual Integrations

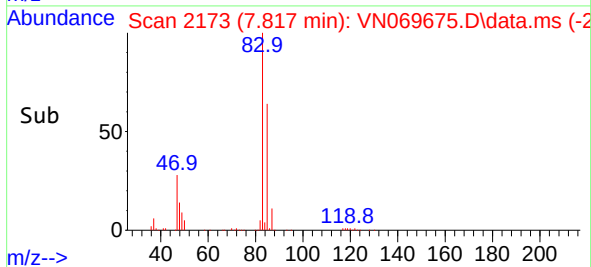
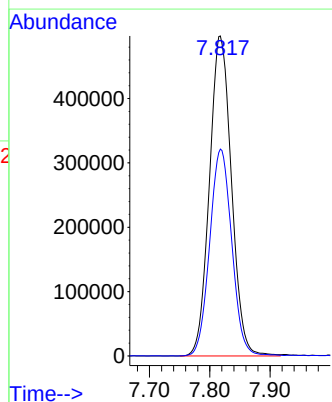
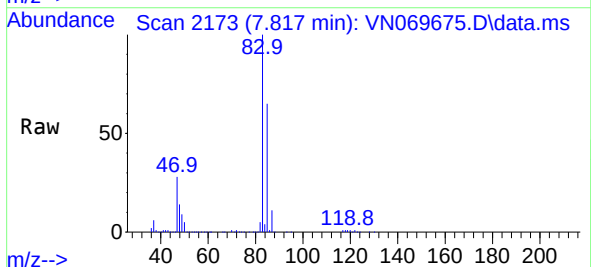
APPROVED

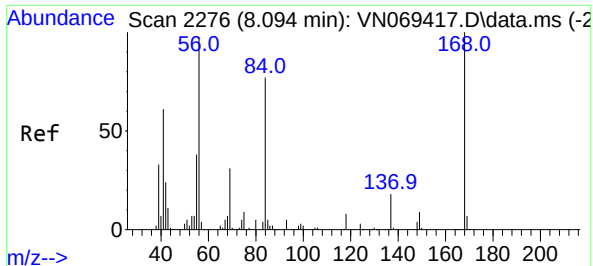
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#30
Chloroform
Concen: 51.391 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

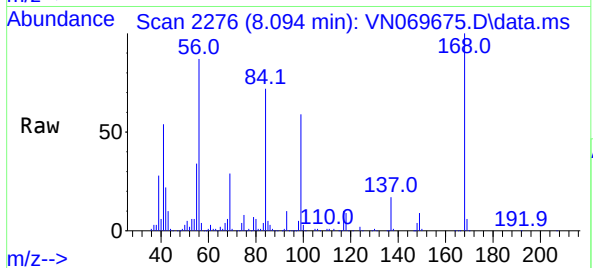
Tgt Ion: 83 Resp: 1262699
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 41.928 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

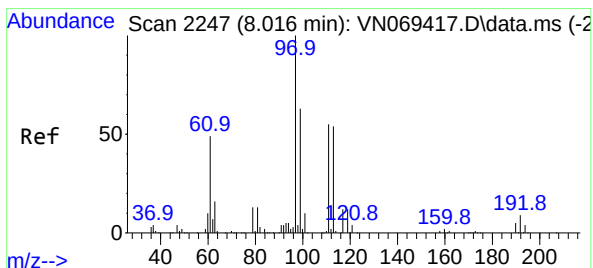
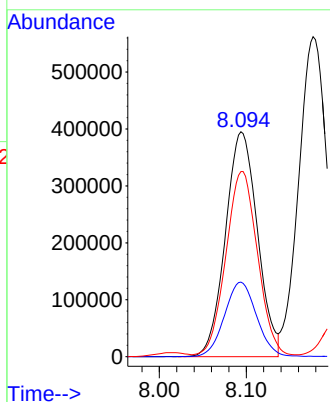
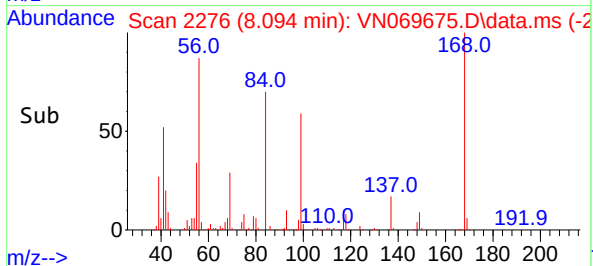
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



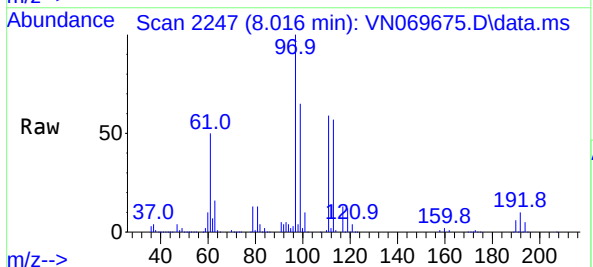
Tgt Ion: 56 Resp: 1012440
Ion Ratio Lower Upper
56 100
69 33.1 27.1 40.7
84 80.5 73.4 110.0

Manual Integrations
APPROVED

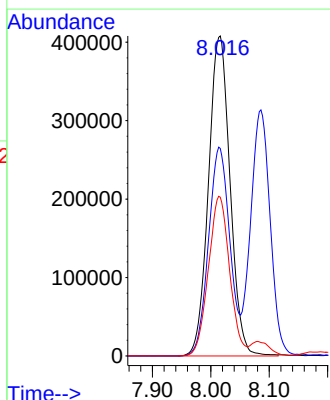
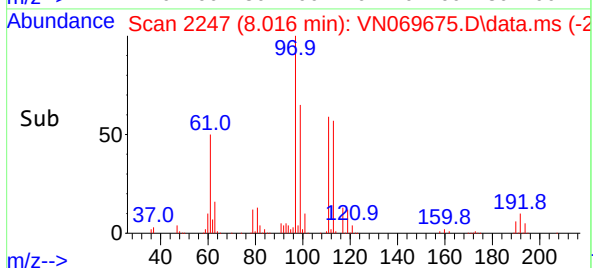
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

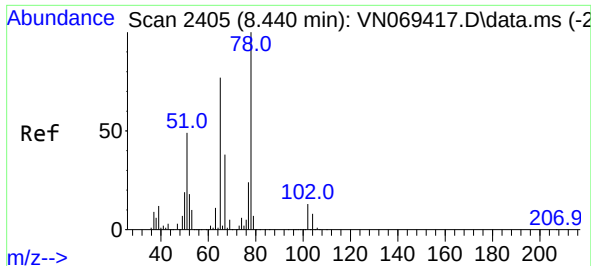


#32
1,1,1-Trichloroethane
Concen: 51.131 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion: 97 Resp: 1048655
Ion Ratio Lower Upper
97 100
99 64.2 50.1 75.1
61 49.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.058 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069675.D

Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 84943

Ion Ratio Lower Upper

65 100

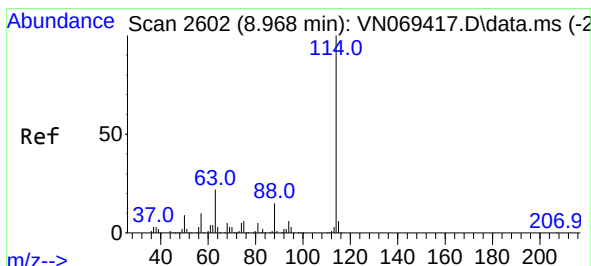
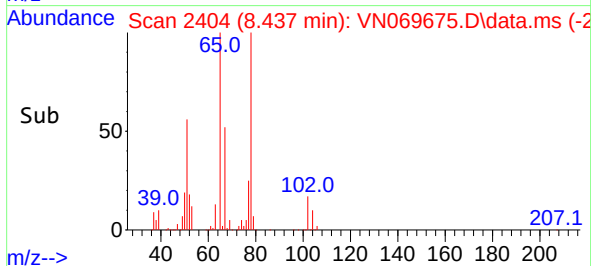
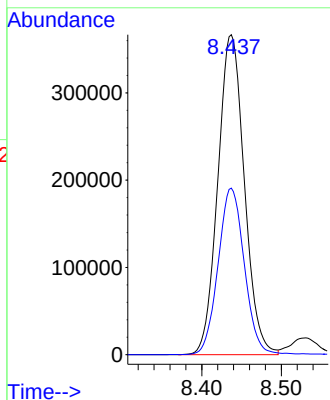
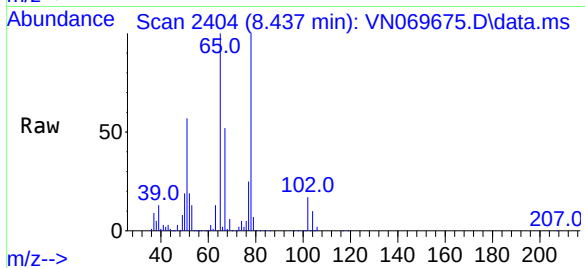
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069675.D

Acq: 29 Nov 2021 19:59

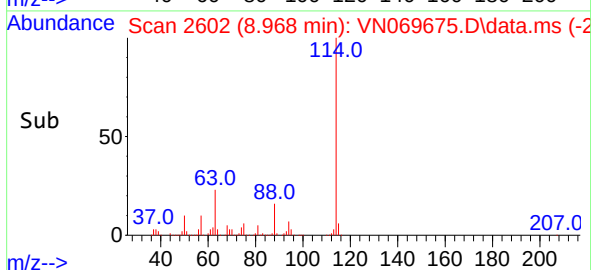
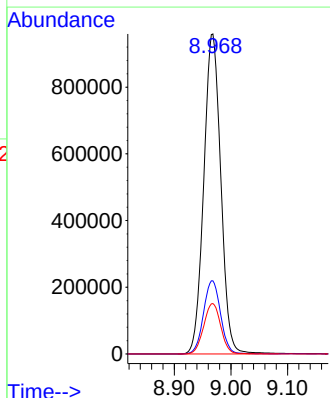
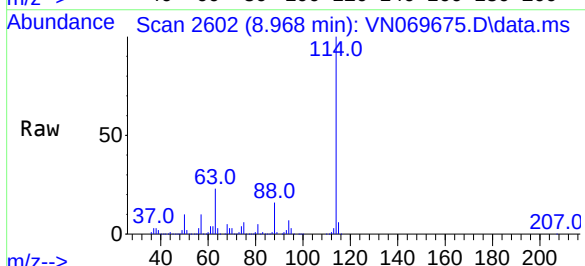
Tgt Ion:114 Resp: 2006660

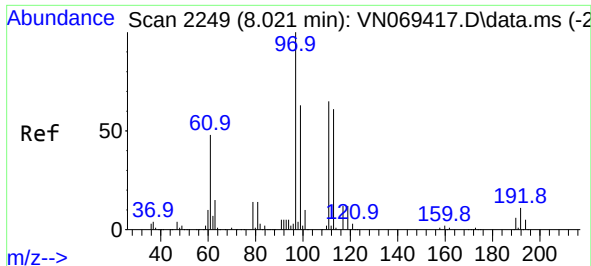
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

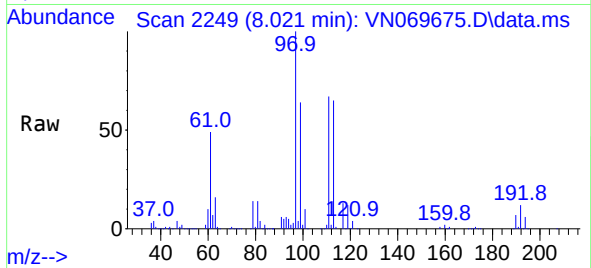
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.896 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

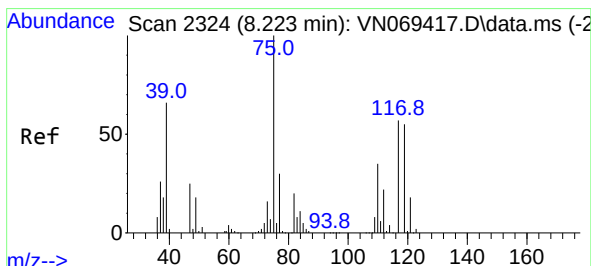
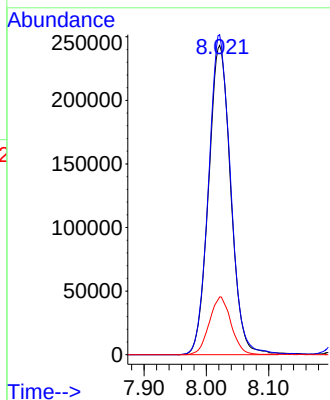
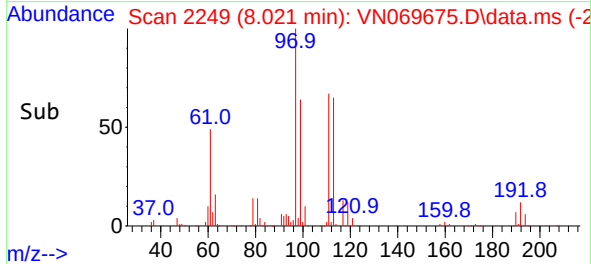
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



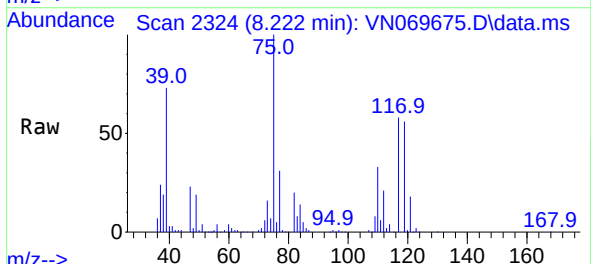
Tgt Ion: 113 Resp: 600498
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.3 16.9 25.3

Manual Integrations
APPROVED

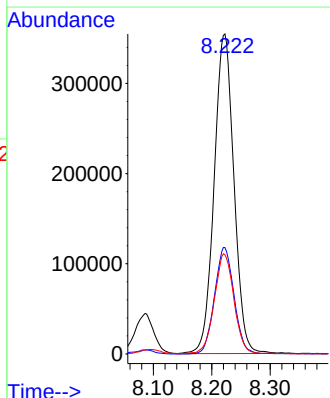
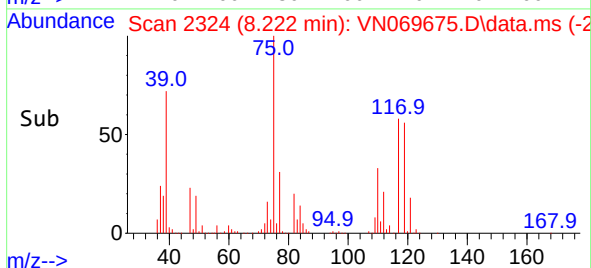
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

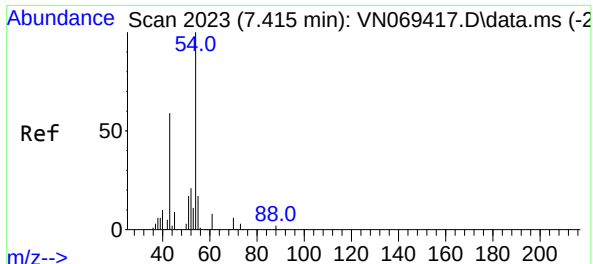


#36
1,1-Dichloropropene
Concen: 49.374 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion: 75 Resp: 833662
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 51.675 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

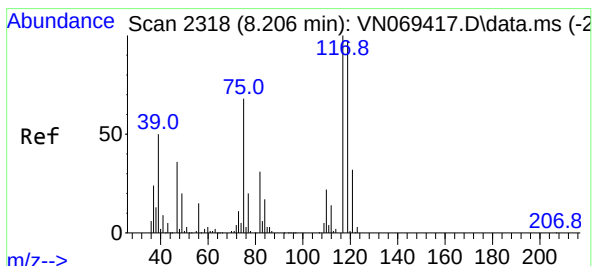
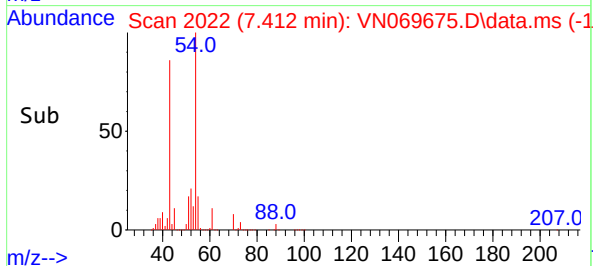
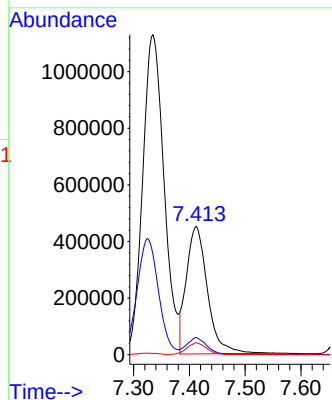
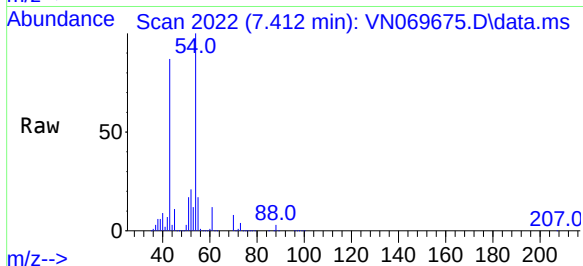
VSTDCCC050EC

Tgt Ion: 43 Resp: 1179449
Ion Ratio Lower Upper
43 100
61 12.4 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations

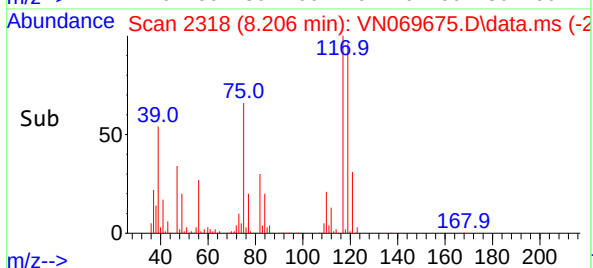
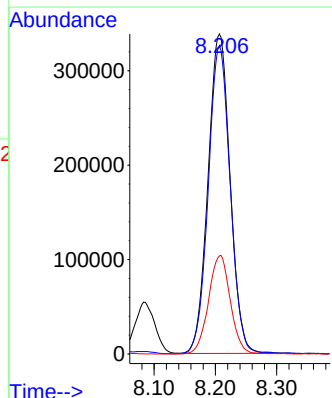
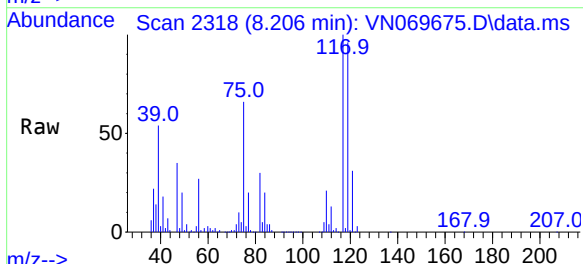
APPROVED

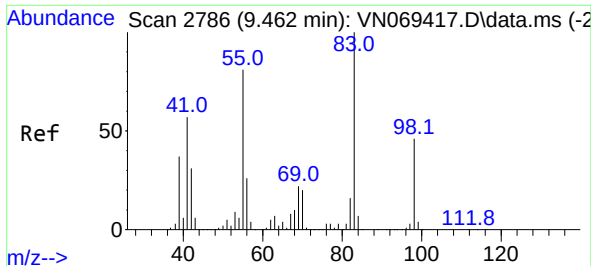
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#38
Carbon Tetrachloride
Concen: 51.932 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

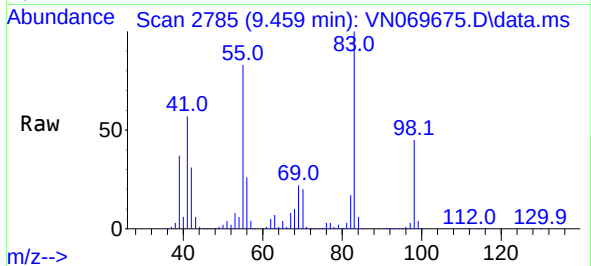
Tgt Ion:117 Resp: 846565
Ion Ratio Lower Upper
117 100
119 96.4 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 45.928 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

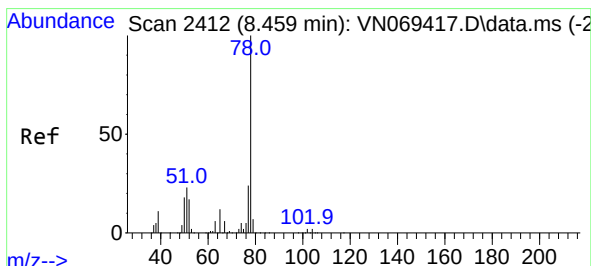
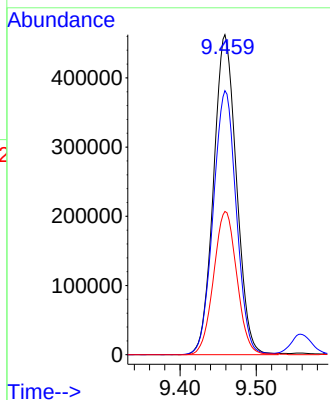
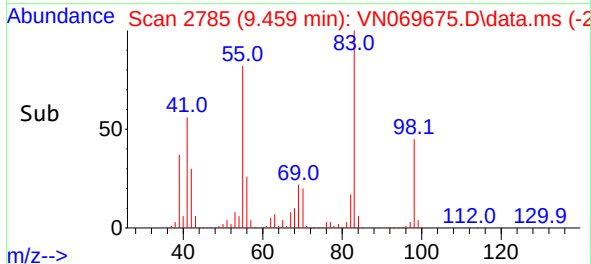
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 96468
Ion Ratio Lower Upper
83 100
55 82.5 58.1 87.1
98 44.7 38.4 57.6

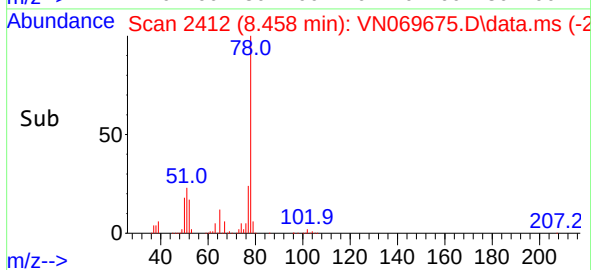
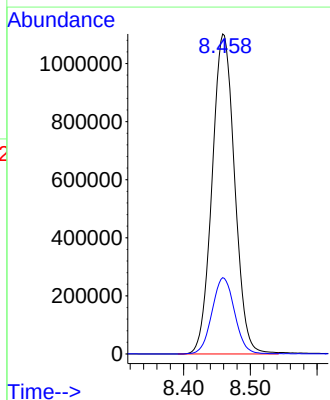
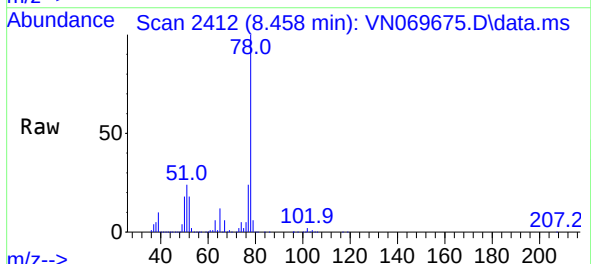
Manual Integrations
APPROVED

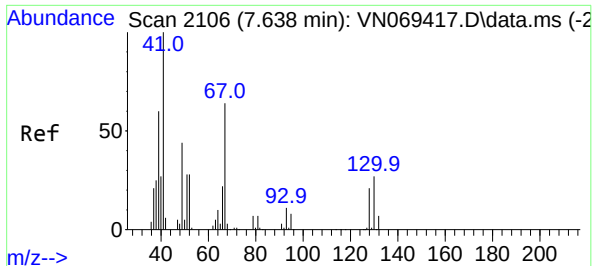
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#40
Benzene
Concen: 49.558 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

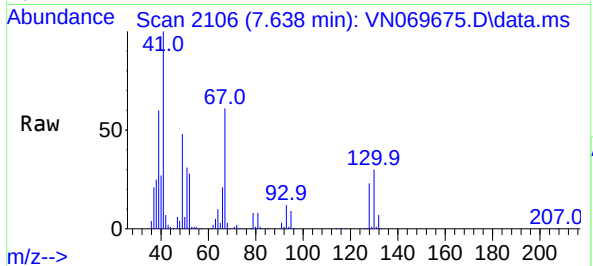
Tgt Ion: 78 Resp: 2582837
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 52.468 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

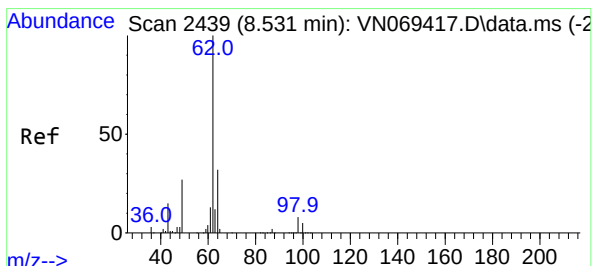
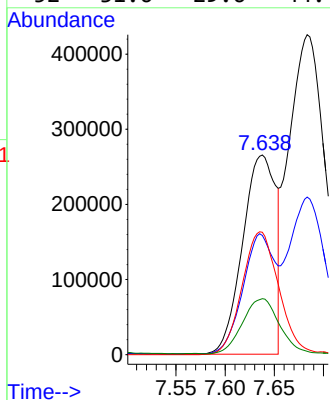
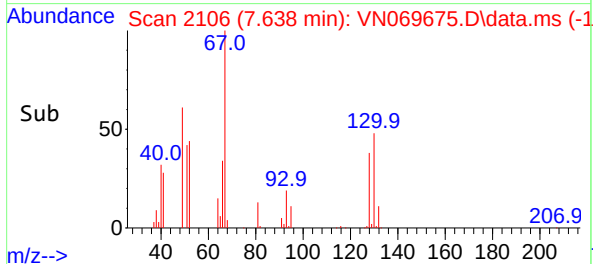
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



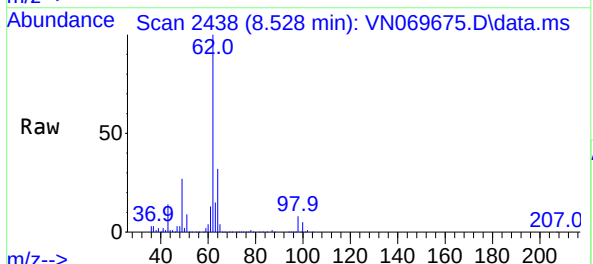
Tgt Ion: 41 Resp: 61879
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 70.0 68.3 102.5
52 31.6 29.6 44.4

Manual Integrations
APPROVED

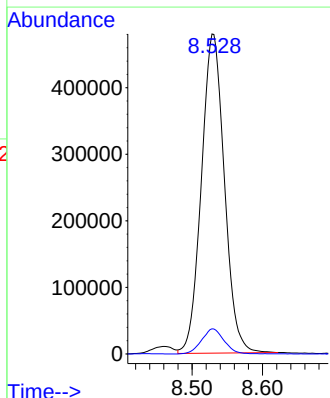
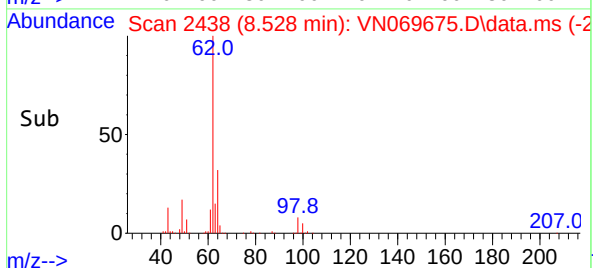
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

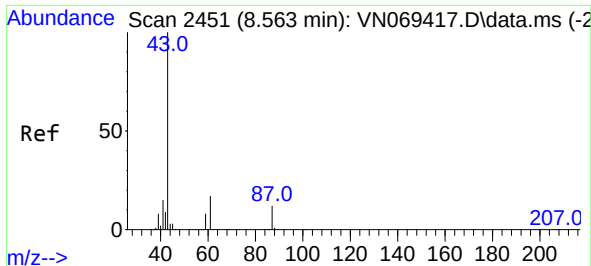


#42
1,2-Dichloroethane
Concen: 53.219 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion: 62 Resp: 1086043
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





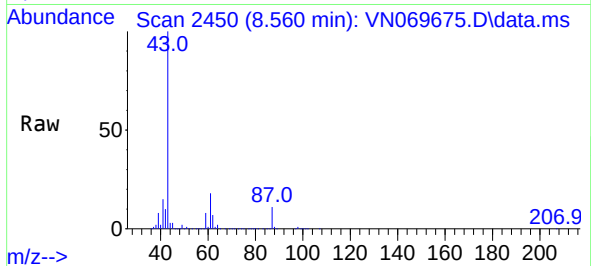
#43
Isopropyl Acetate
Concen: 53.156 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

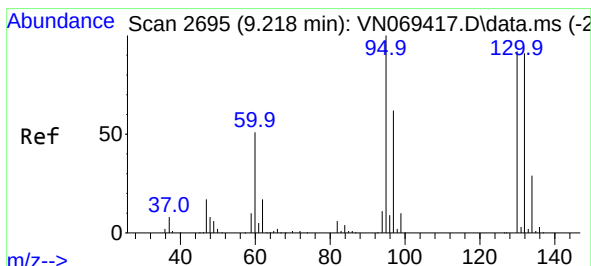
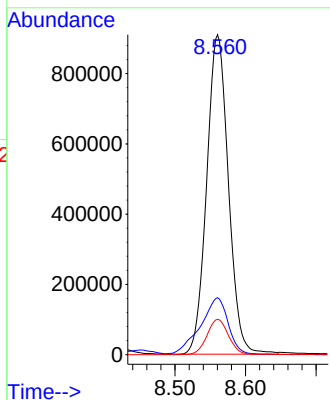
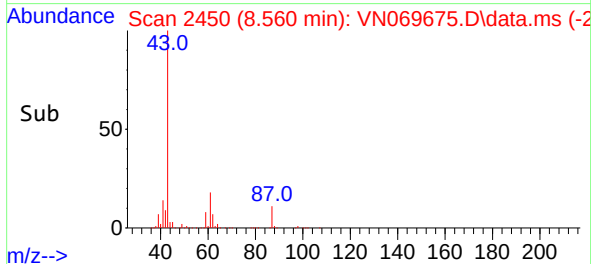


Tgt Ion: 43 Resp: 194876
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.0 11.2 16.8

Manual Integrations

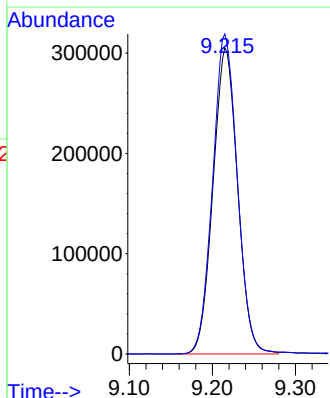
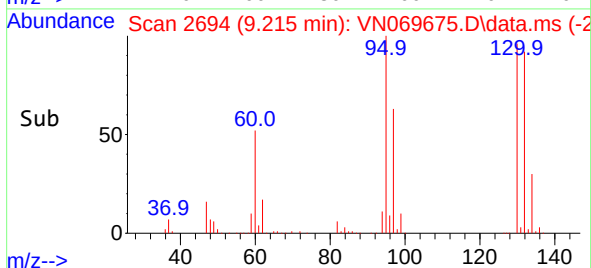
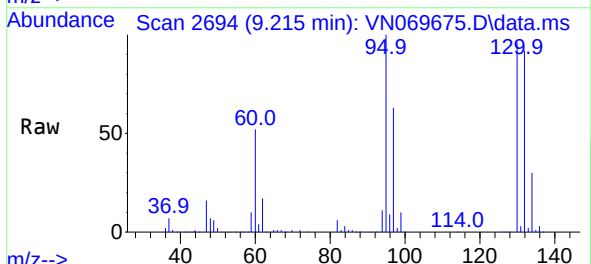
APPROVED

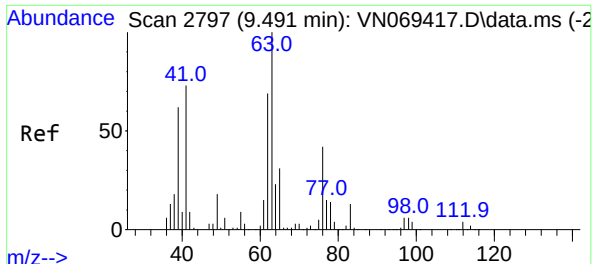
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
Trichloroethene
Concen: 50.380 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Tgt Ion:130 Resp: 628400
Ion Ratio Lower Upper
130 100
95 104.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.060 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN069675.D

Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 75275

Ion Ratio Lower Upper

63 100

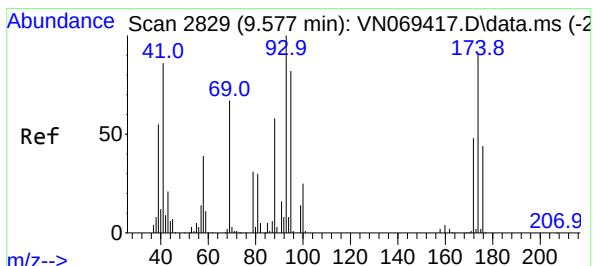
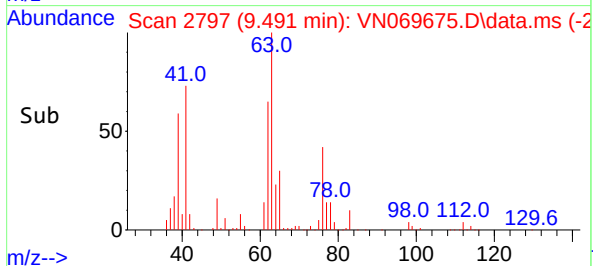
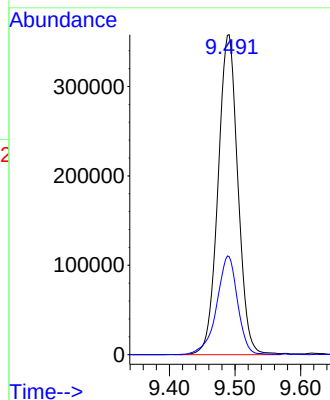
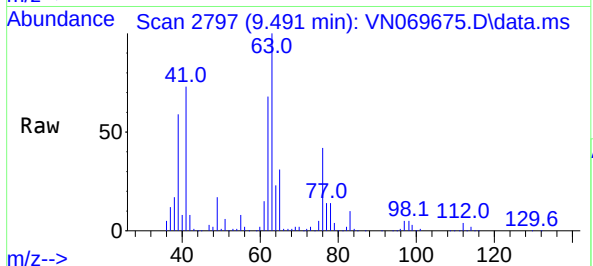
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#46

Dibromomethane

Concen: 50.921 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069675.D

Acq: 29 Nov 2021 19:59

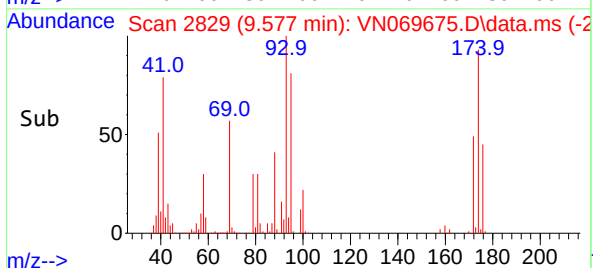
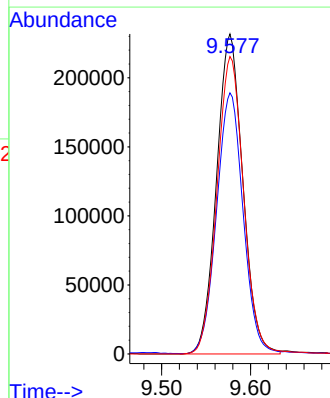
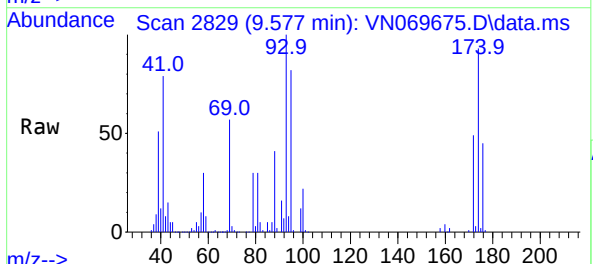
Tgt Ion: 93 Resp: 474922

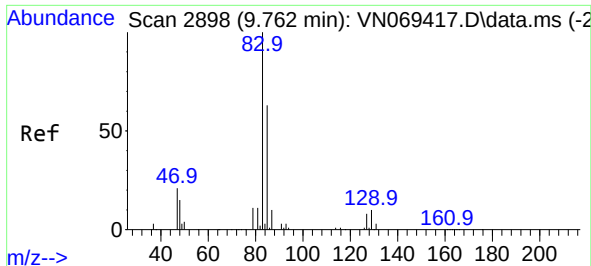
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 94.7 84.6 127.0





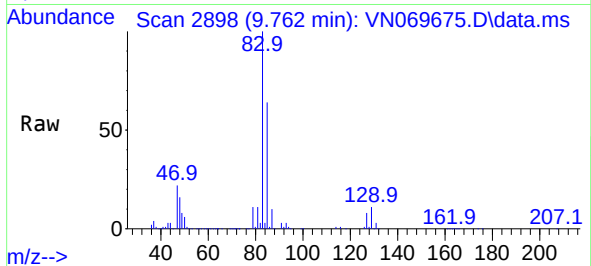
#47
Bromodichloromethane
Concen: 55.521 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

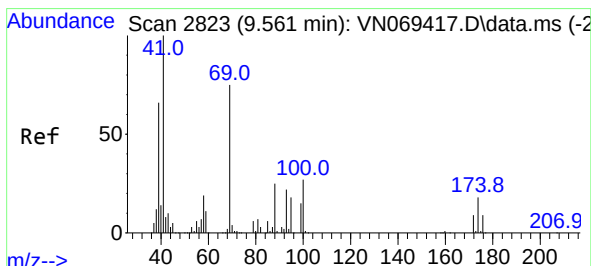
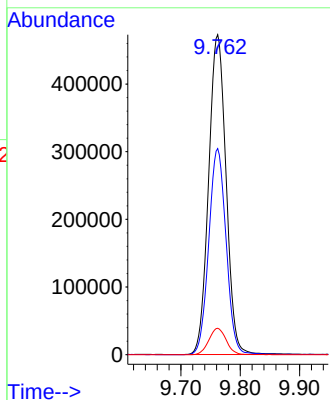
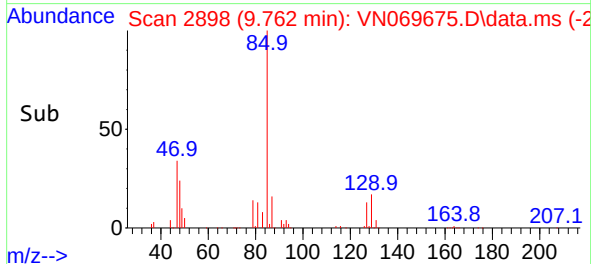


Tgt Ion: 83 Resp: 966290
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 8.3 7.1 10.7

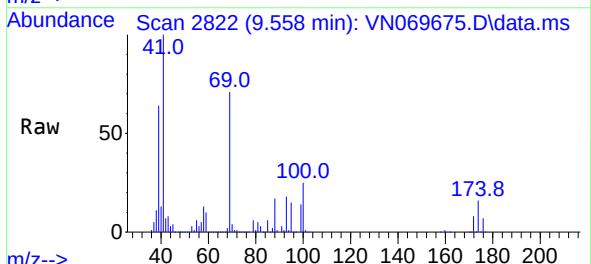
Manual Integrations

APPROVED

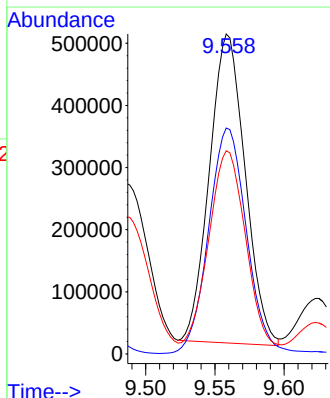
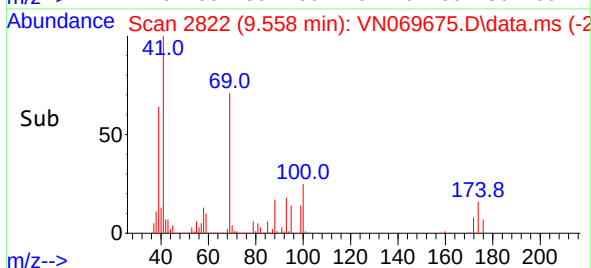
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

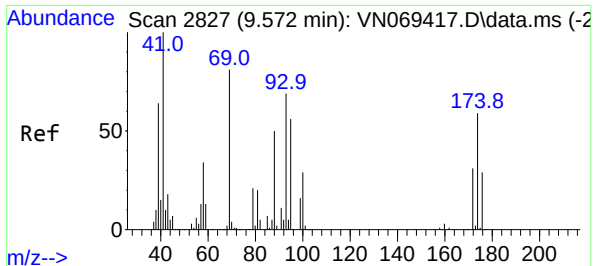


#48
Methyl methacrylate
Concen: 51.664 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



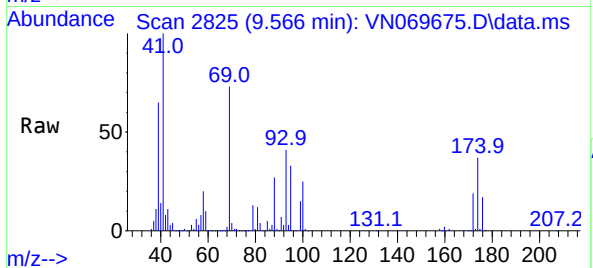
Tgt Ion: 41 Resp: 891123
Ion Ratio Lower Upper
41 100
69 77.8 72.4 108.6
39 69.8 58.4 87.6





#49
1,4-Dioxane
Concen: 738.595 ug/l
RT: 9.566 min Scan# 248830
Delta R.T. -0.006 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

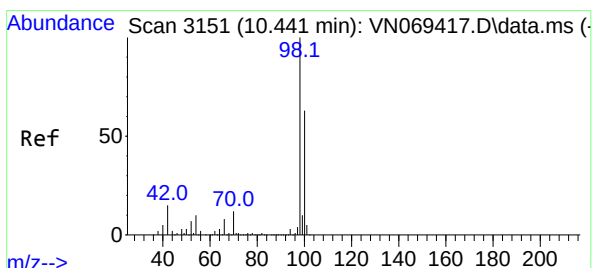
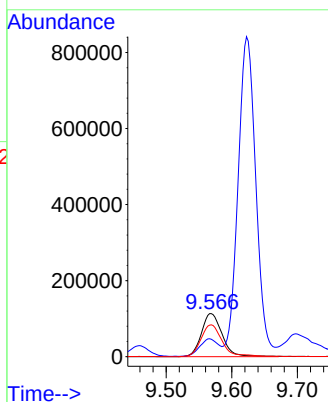
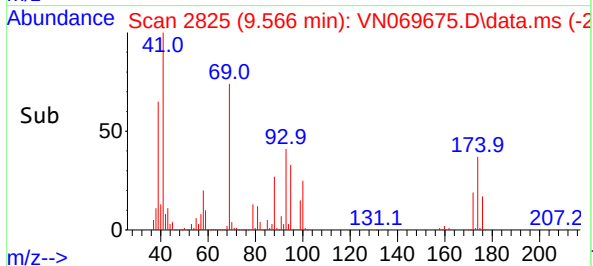
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



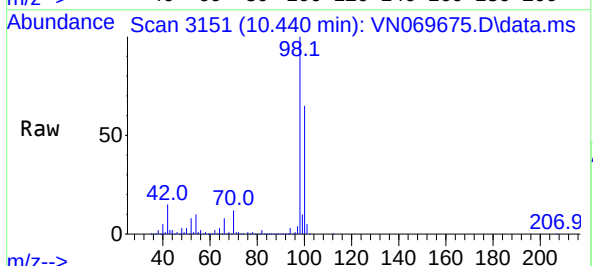
Tgt Ion: 88 Resp: 248830
Ion Ratio Lower Upper
88 100
43 36.0 23.4 35.2
58 73.1 50.6 75.8

Manual Integrations
APPROVED

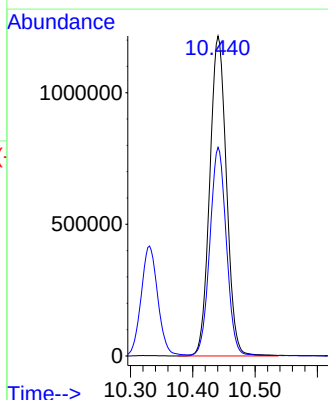
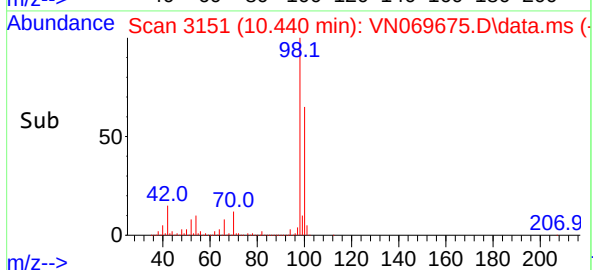
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

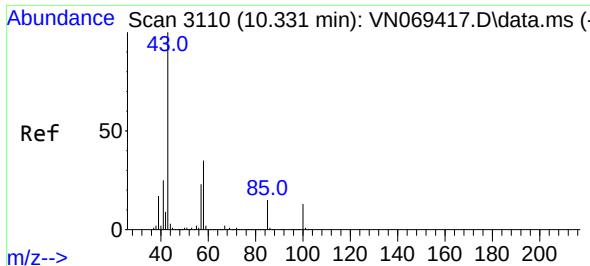


#50
Toluene-d8
Concen: 47.893 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion: 98 Resp: 2266968
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





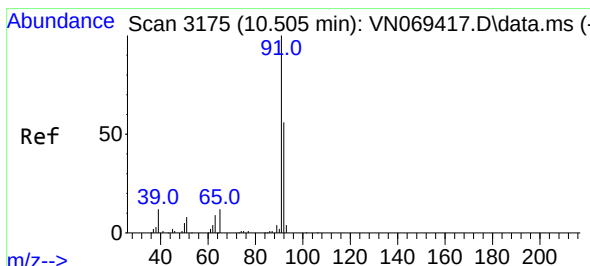
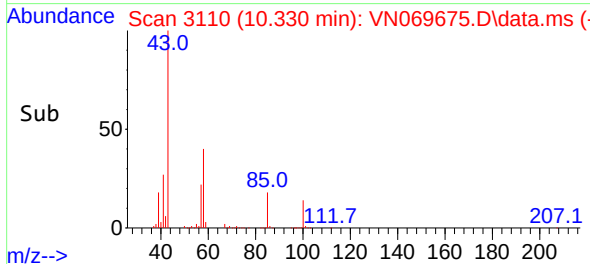
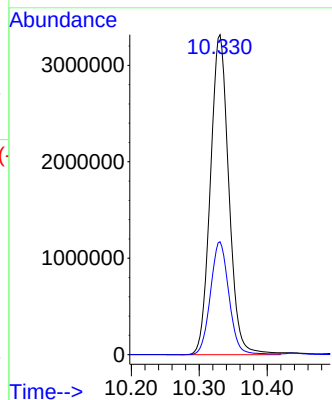
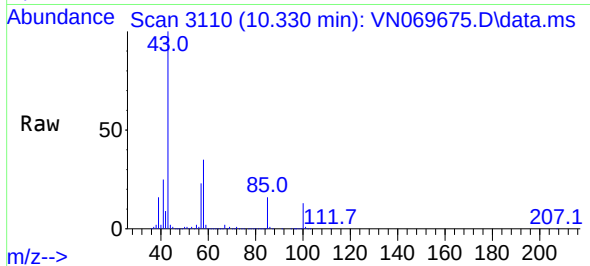
#51
4-Methyl-2-Pentanone
Concen: 264.250 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 6253159
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

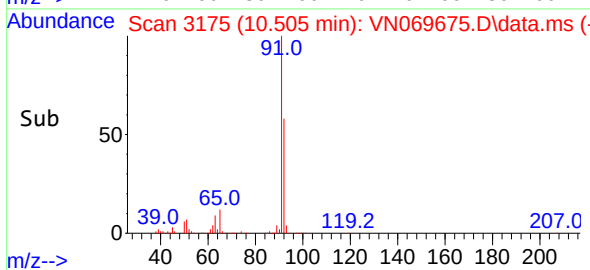
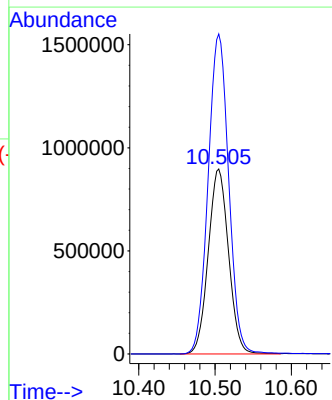
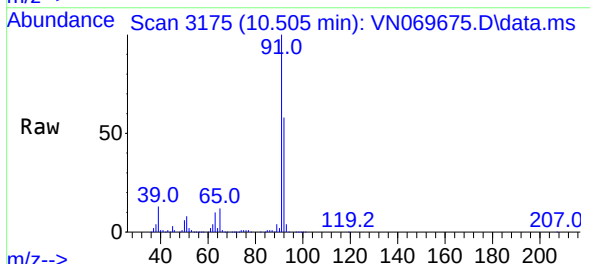
Manual Integrations
APPROVED

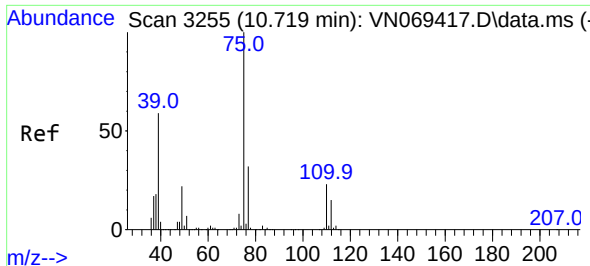
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#52
Toluene
Concen: 51.004 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Tgt Ion: 92 Resp: 1656017
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





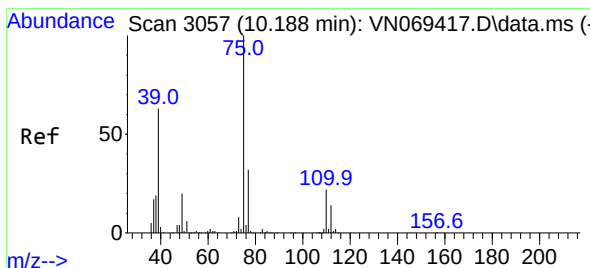
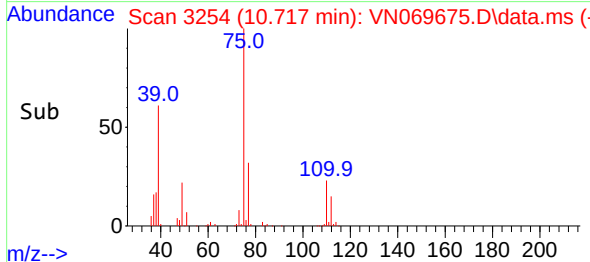
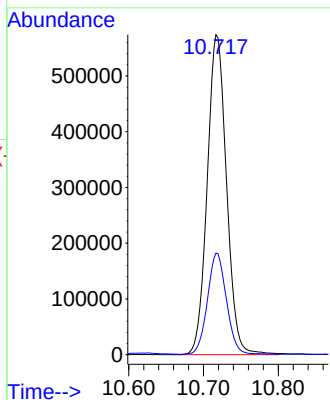
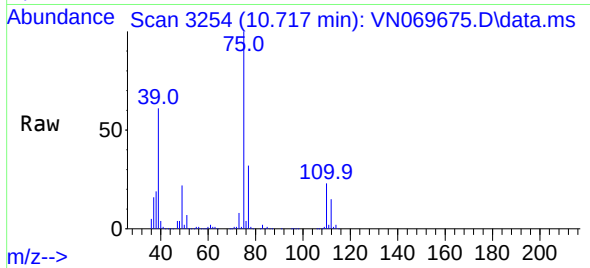
#53
t-1,3-Dichloropropene
Concen: 48.250 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 103040
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

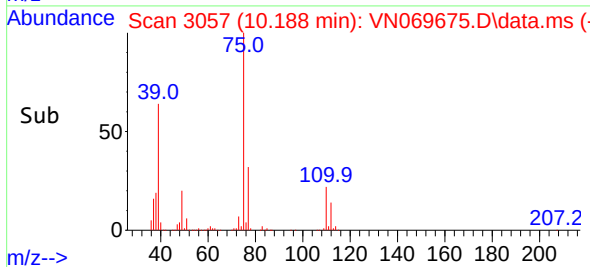
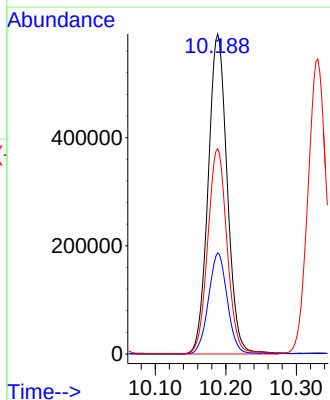
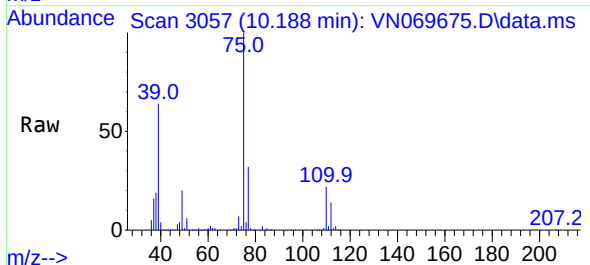
Manual Integrations
APPROVED

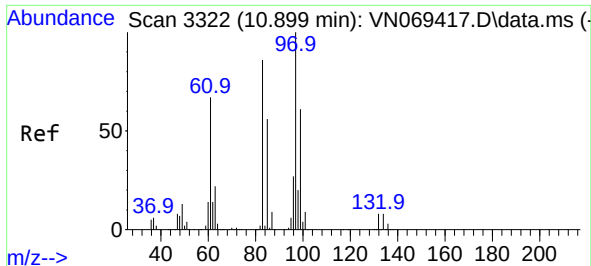
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#54
cis-1,3-Dichloropropene
Concen: 49.286 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

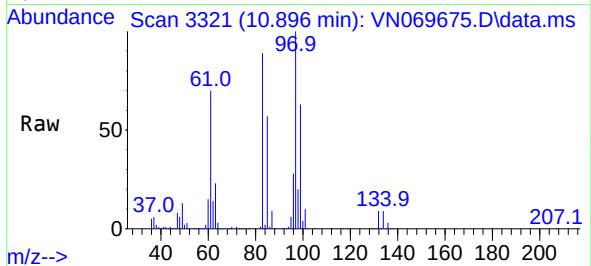
Tgt Ion: 75 Resp: 1110801
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 64.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 54.143 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

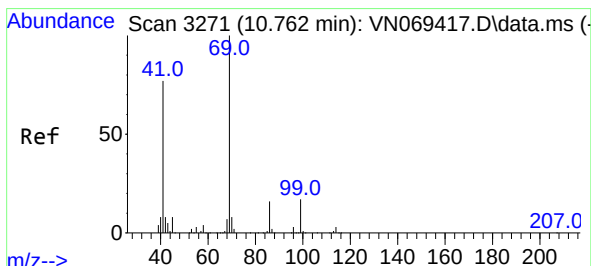
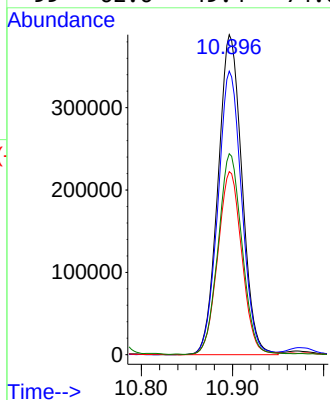
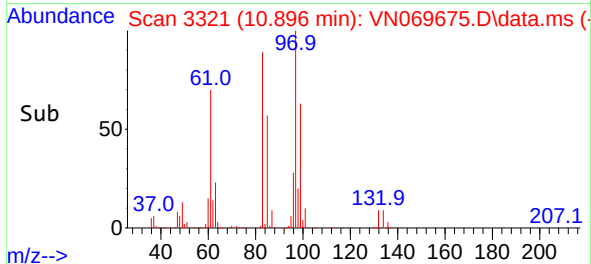
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



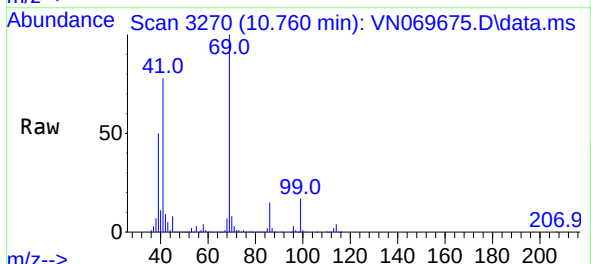
Tgt Ion: 97 Resp: 708628
Ion Ratio Lower Upper
97 100
83 88.6 67.8 101.6
85 57.2 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations
APPROVED

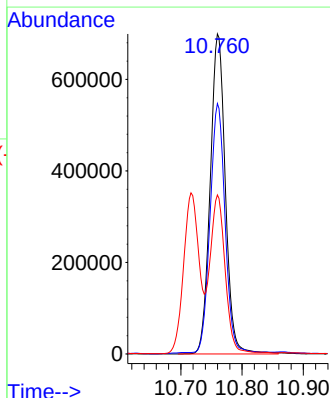
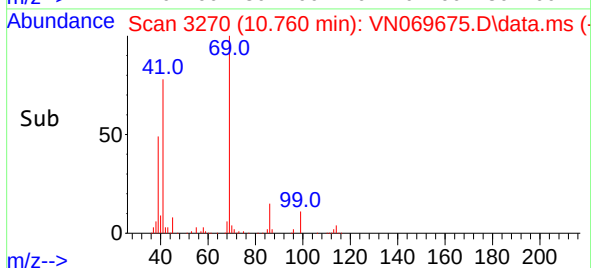
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

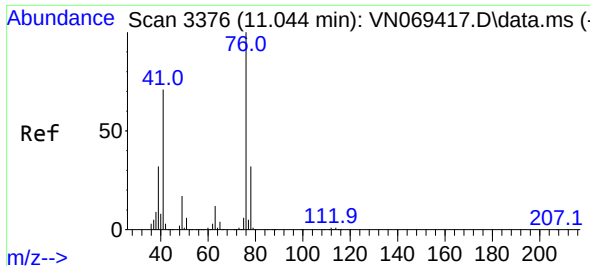


#56
Ethyl methacrylate
Concen: 48.718 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



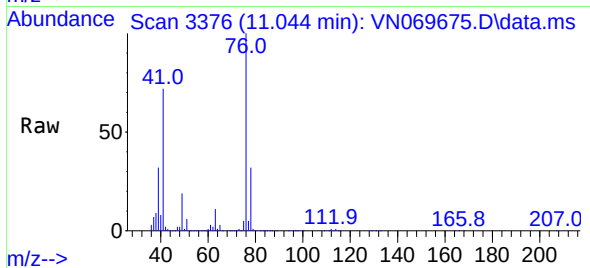
Tgt Ion: 69 Resp: 1200292
Ion Ratio Lower Upper
69 100
41 76.6 51.4 77.0
39 47.0 34.6 52.0





#57
1,3-Dichloropropane
Concen: 53.439 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

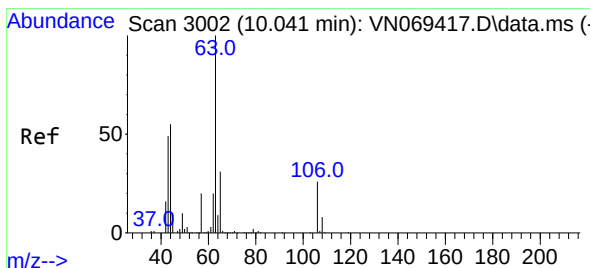
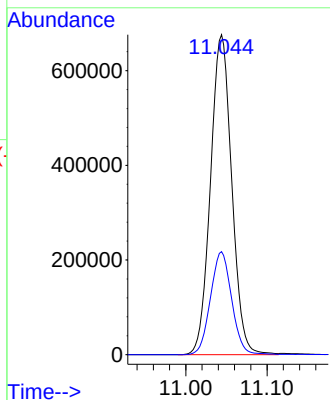
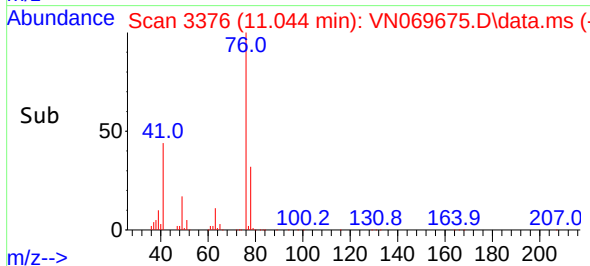
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



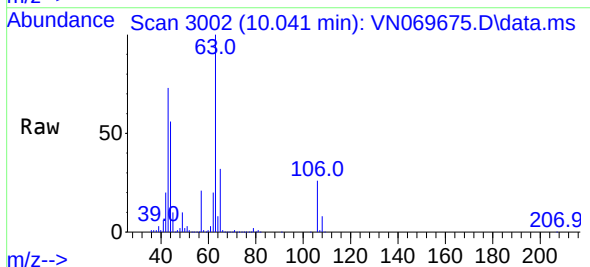
Tgt Ion: 76 Resp: 1229044
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

Manual Integrations
APPROVED

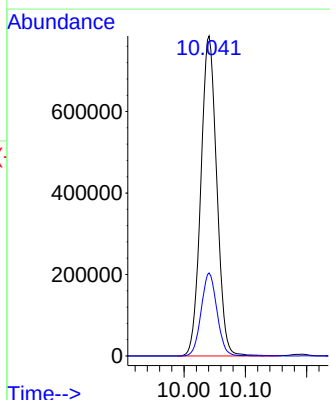
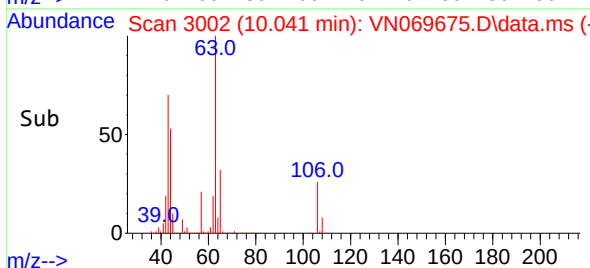
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

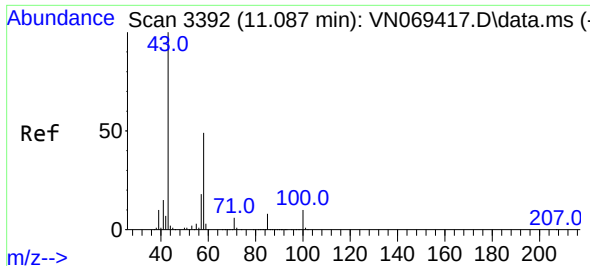


#58
2-Chloroethyl Vinyl ether
Concen: 225.756 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



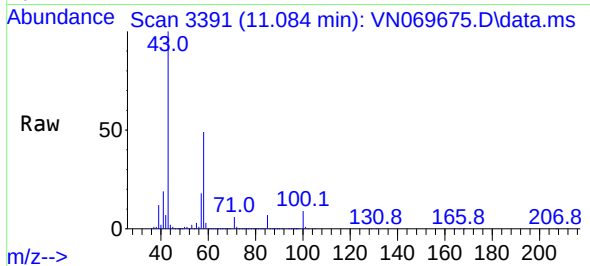
Tgt Ion: 63 Resp: 1416360
Ion Ratio Lower Upper
63 100
106 25.7 23.9 35.9





#59
2-Hexanone
Concen: 216.339 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

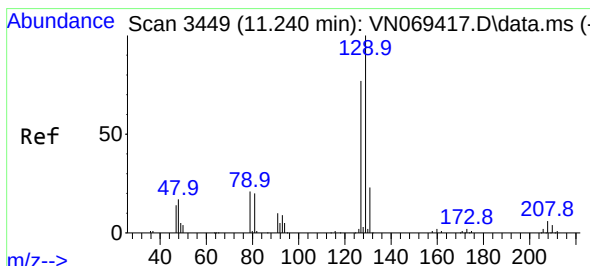
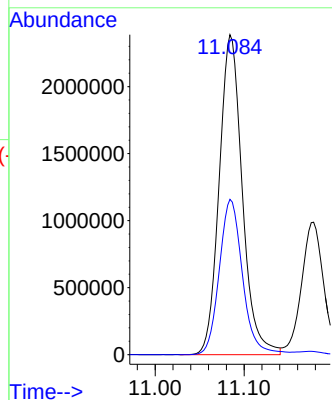
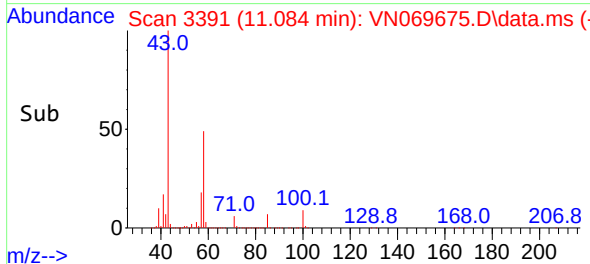
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 430045
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7

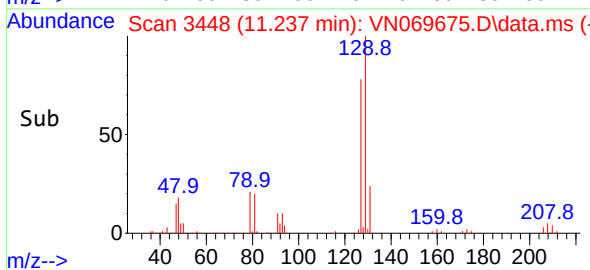
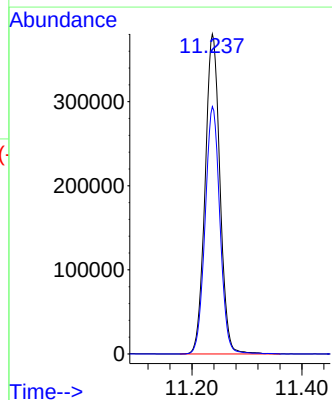
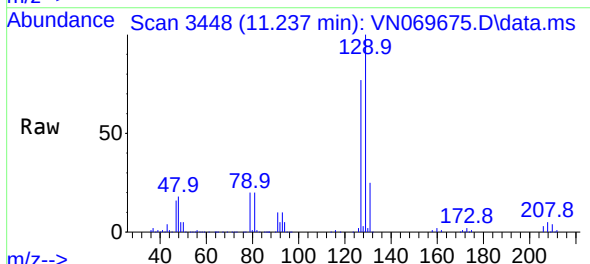
Manual Integrations
APPROVED

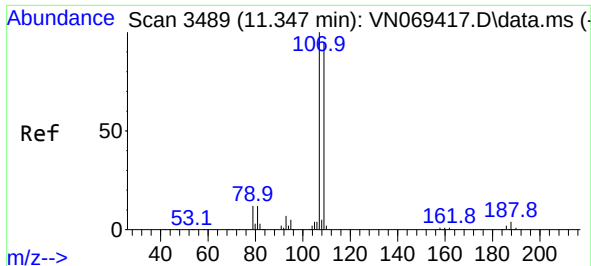
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Dibromochloromethane
Concen: 49.590 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

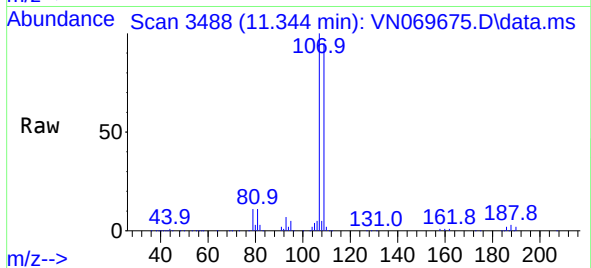
Tgt Ion:129 Resp: 712074
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.695 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

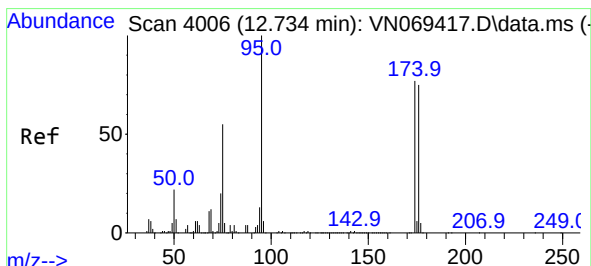
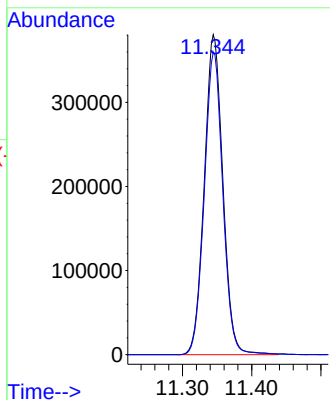
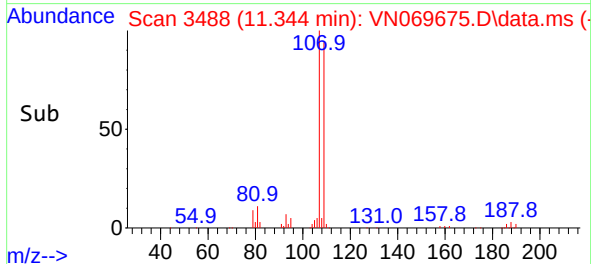
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



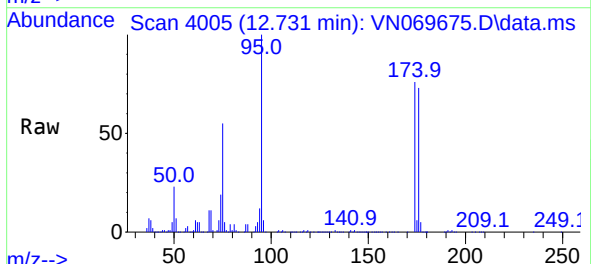
Tgt Ion:107 Resp: 71095
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

Manual Integrations
APPROVED

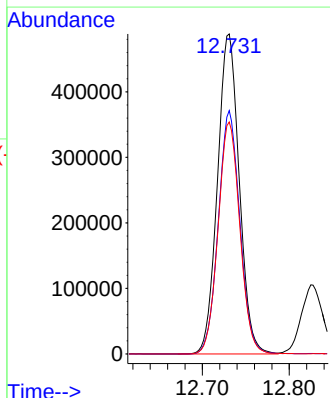
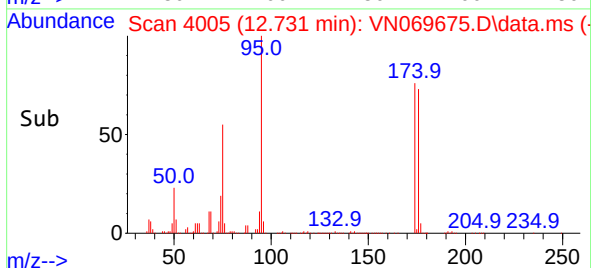
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

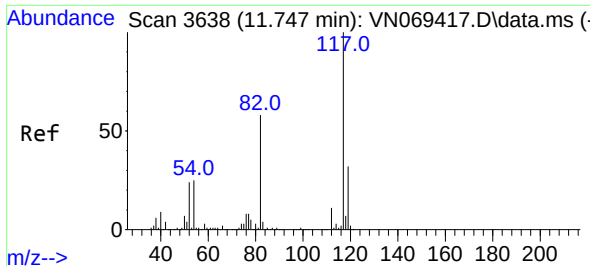


#62
4-Bromofluorobenzene
Concen: 48.875 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



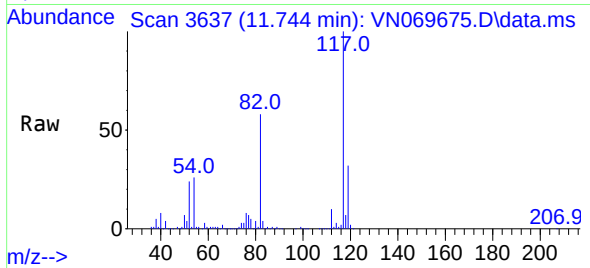
Tgt Ion: 95 Resp: 849868
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

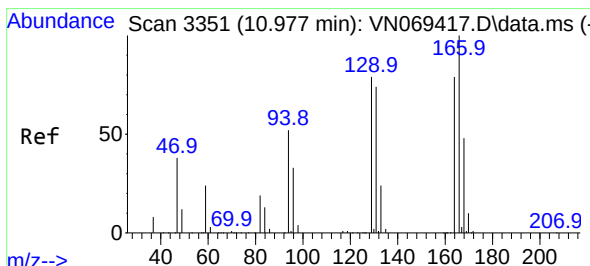
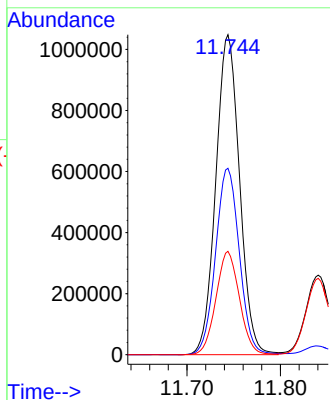
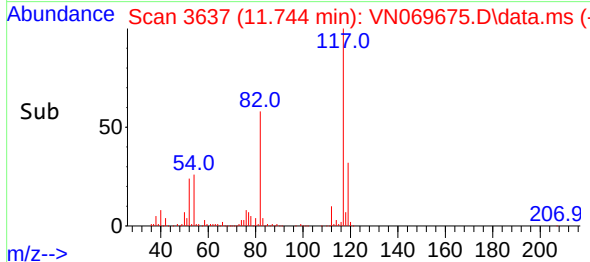
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



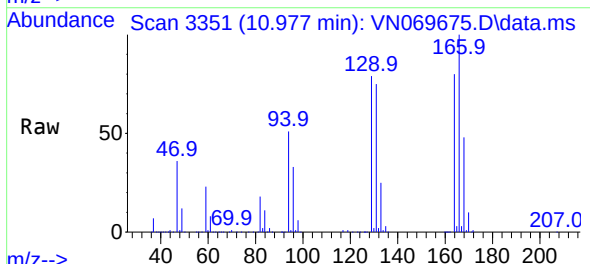
Tgt Ion:117 Resp: 1855730
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

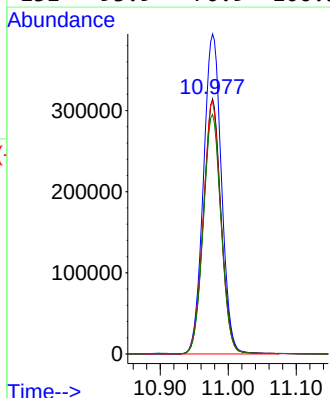
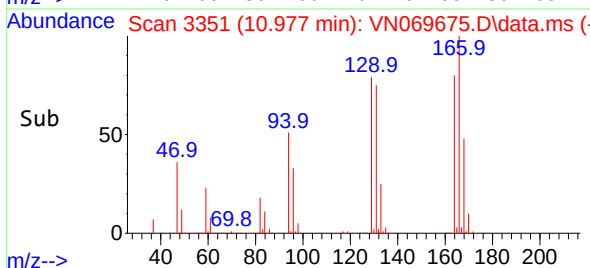
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

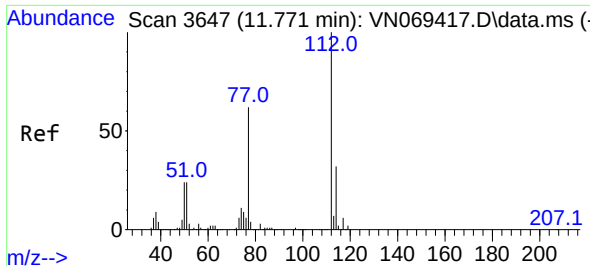


#64
Tetrachloroethene
Concen: 50.737 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



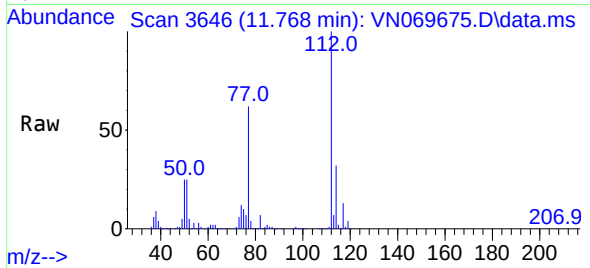
Tgt Ion:164 Resp: 568514
Ion Ratio Lower Upper
164 100
166 125.5 101.9 152.9
129 99.1 72.0 108.0
131 93.9 70.9 106.3





#65
Chlorobenzene
Concen: 52.617 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

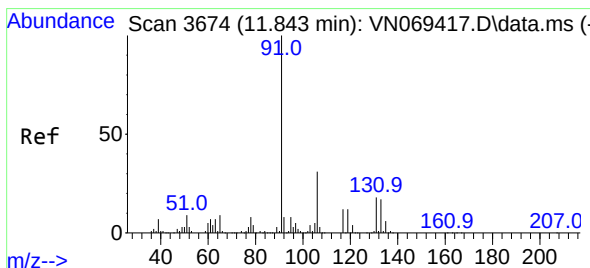
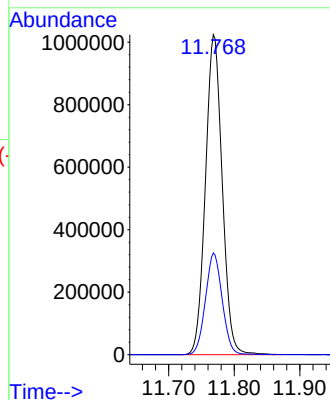
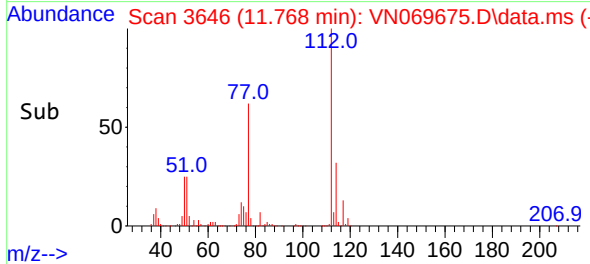
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



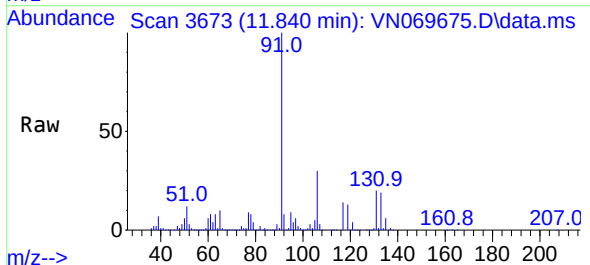
Tgt Ion:112 Resp: 181745
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

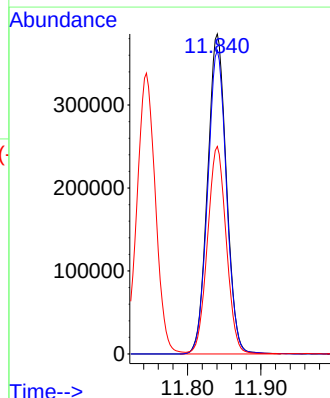
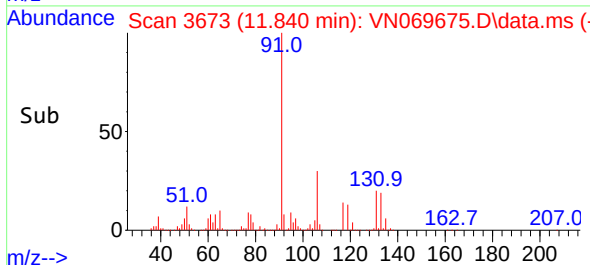
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

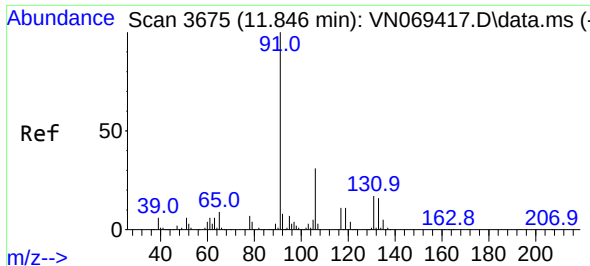


#66
1,1,1,2-Tetrachloroethane
Concen: 57.437 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion:131 Resp: 688148
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 64.3 32.1 96.5





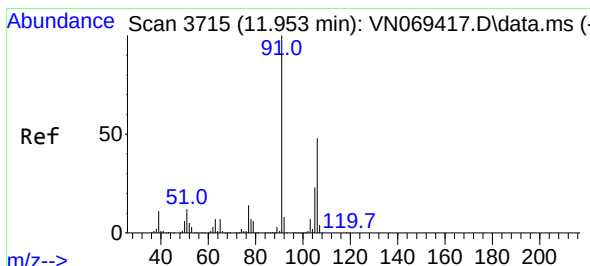
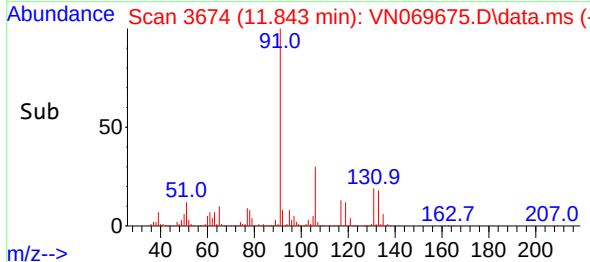
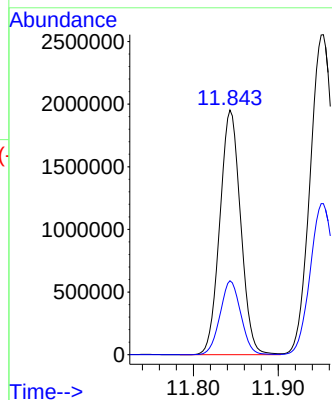
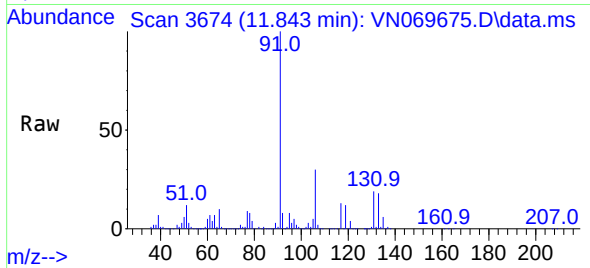
#67
Ethyl Benzene
Concen: 52.251 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 332866
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

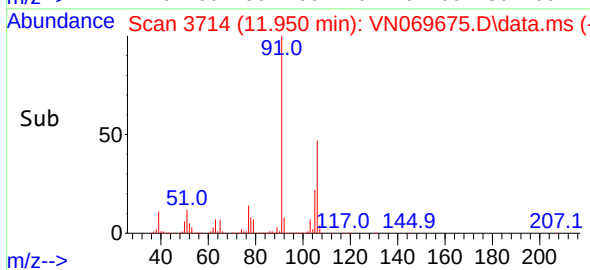
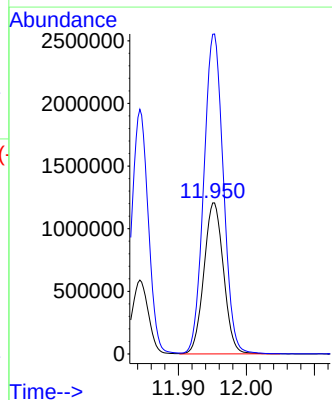
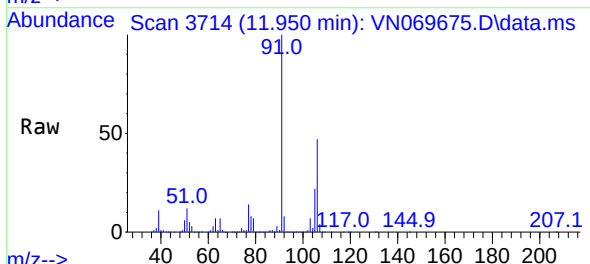
Manual Integrations
APPROVED

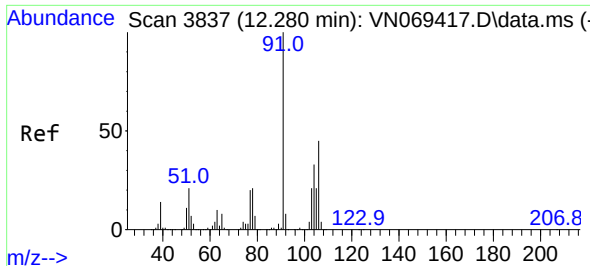
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#68
m/p-Xylenes
Concen: 103.080 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

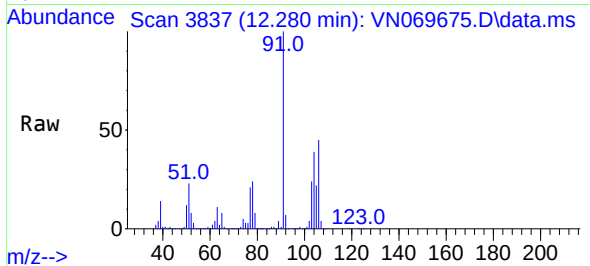
Tgt Ion:106 Resp: 2415179
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8





#69
o-Xylene
Concen: 52.608 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

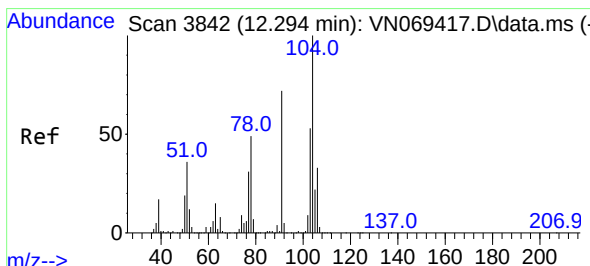
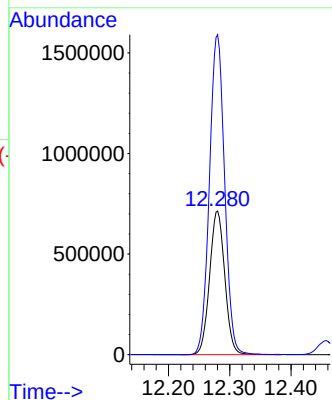
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



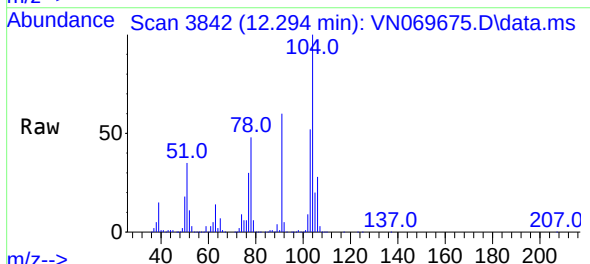
Tgt Ion:106 Resp: 1228834
Ion Ratio Lower Upper
106 100
91 222.9 105.8 317.3

Manual Integrations
APPROVED

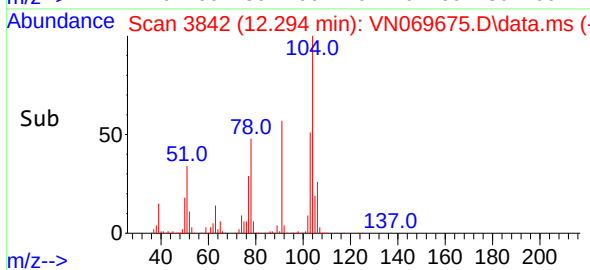
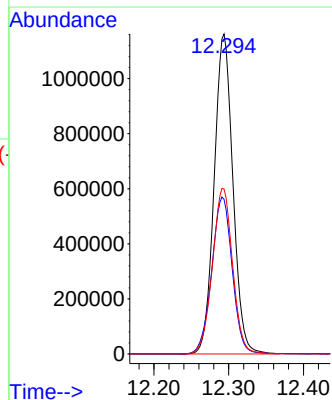
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

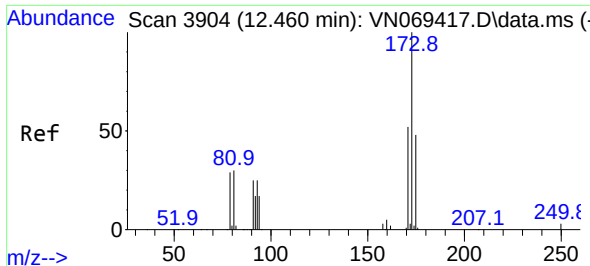


#70
Styrene
Concen: 48.265 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion:104 Resp: 2021868
Ion Ratio Lower Upper
104 100
78 53.7 38.7 58.1
103 55.8 45.0 67.6





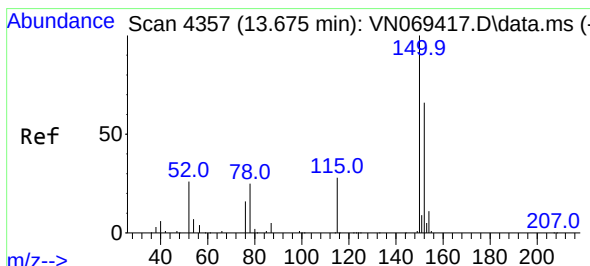
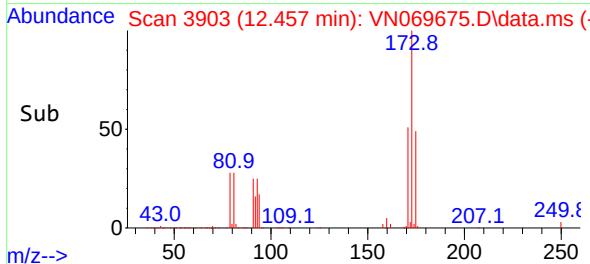
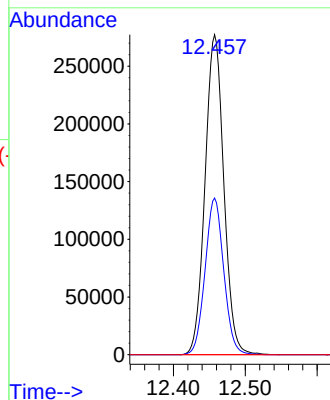
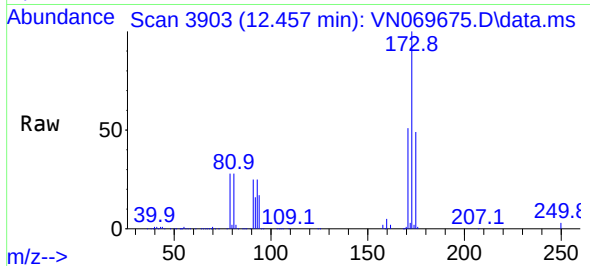
#71
Bromoform
Concen: 48.621 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 50475
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

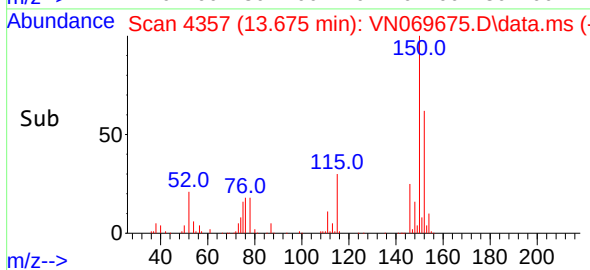
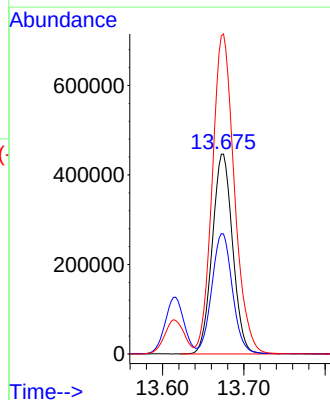
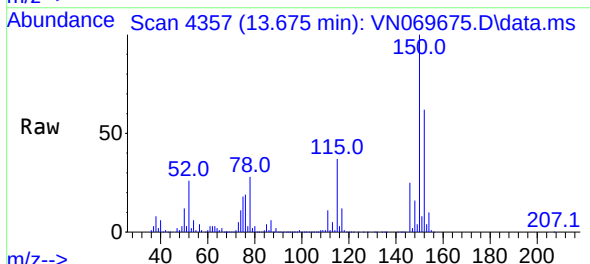
Manual Integrations
APPROVED

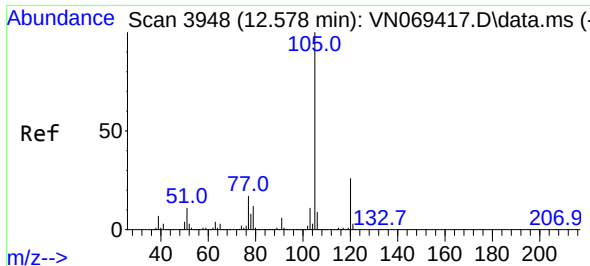
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

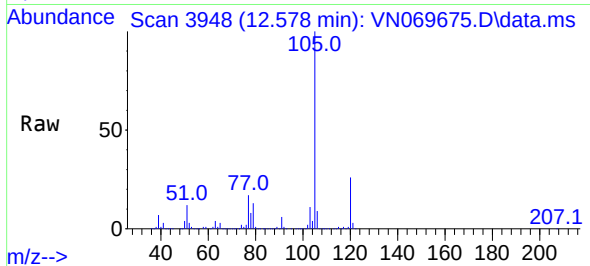
Tgt Ion:152 Resp: 777724
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 173.6 0.0 344.4





#73
Isopropylbenzene
Concen: 53.501 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

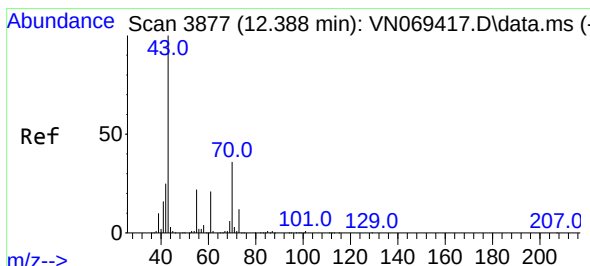
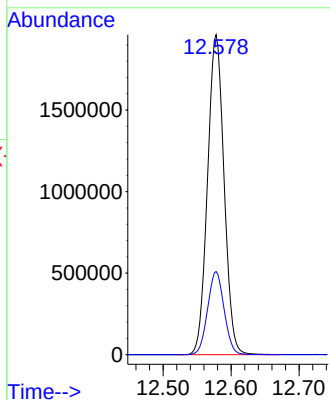
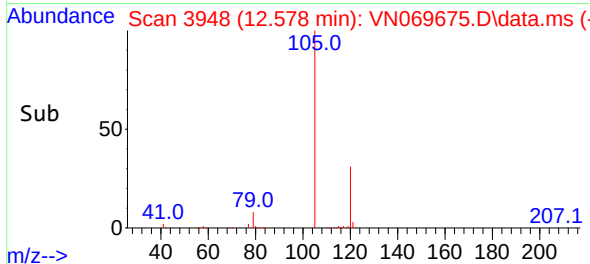
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



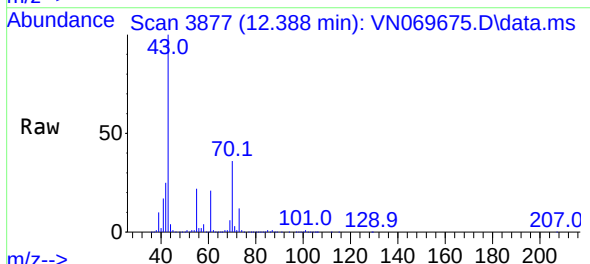
Tgt Ion:105 Resp: 3312924
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

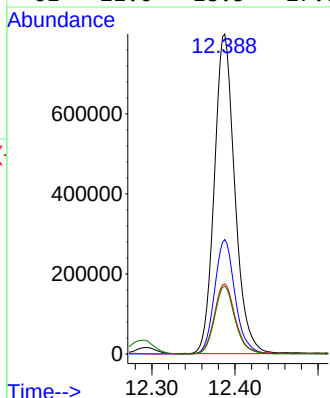
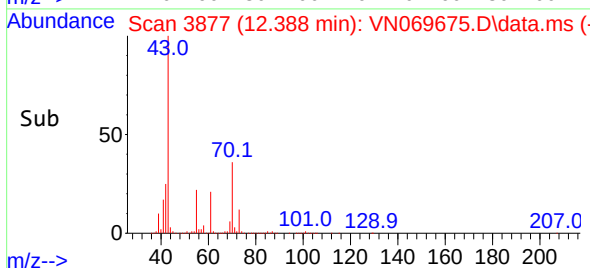
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

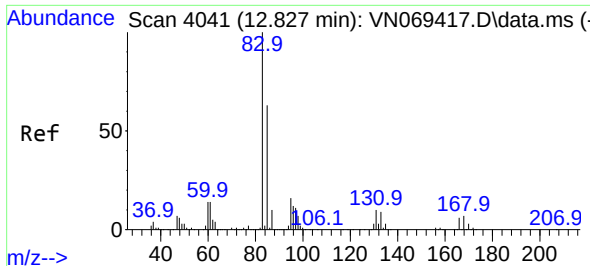


#74
N-ethyl acetate
Concen: 52.130 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



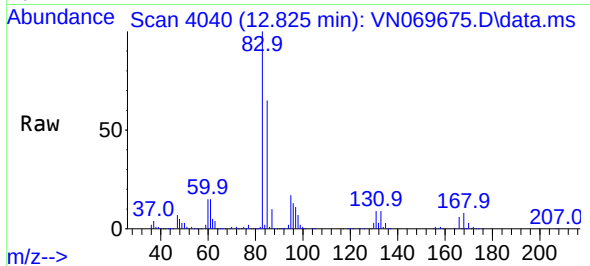
Tgt Ion: 43 Resp: 1368019
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 22.4 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.602 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

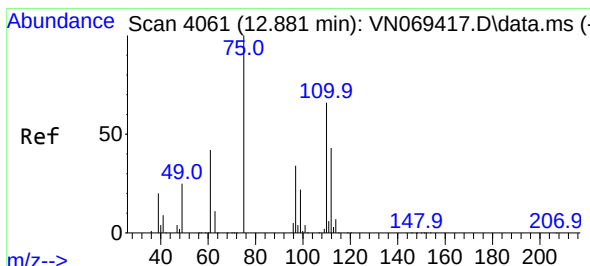
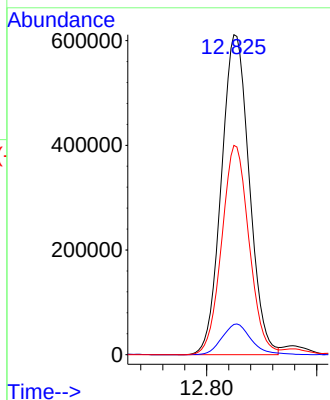
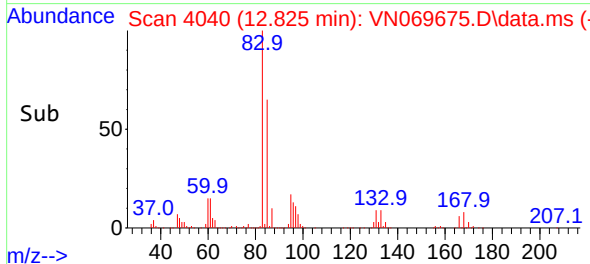
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



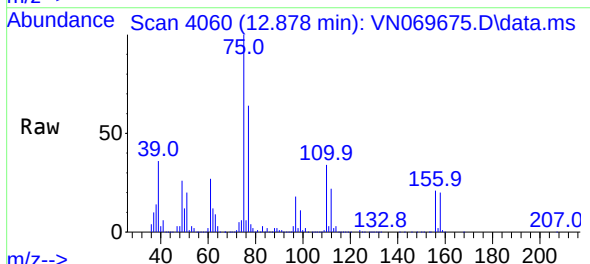
Tgt Ion: 83 Resp: 1077709
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

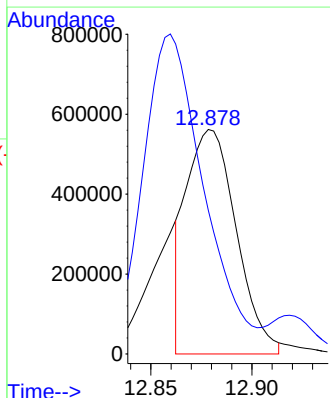
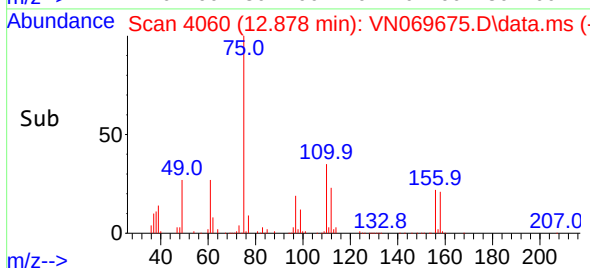
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

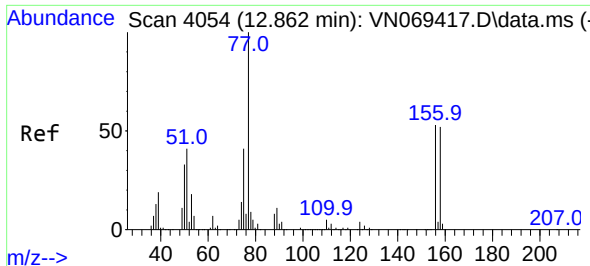


#76
1,2,3-Trichloropropane
Concen: 53.833 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



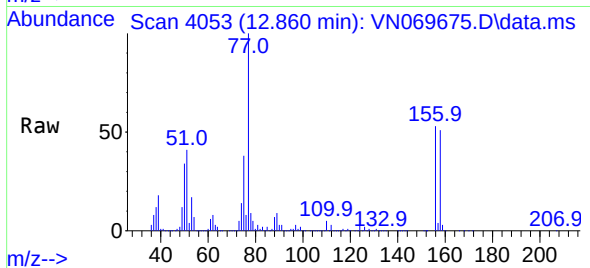
Tgt Ion: 75 Resp: 966206
Ion Ratio Lower Upper
75 100
77 174.5 82.6 247.8





#77
Bromobenzene
Concen: 53.461 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

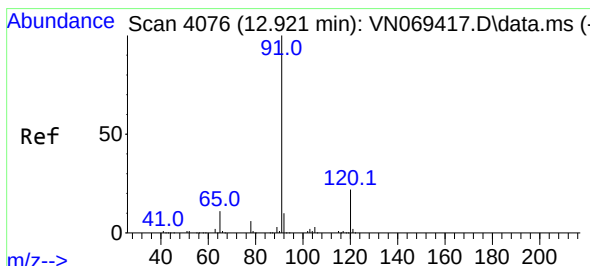
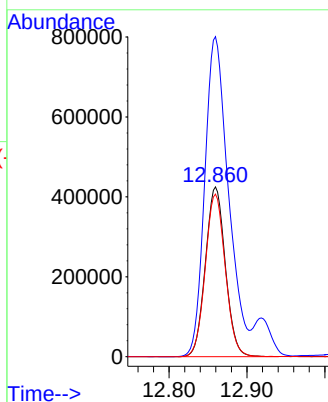
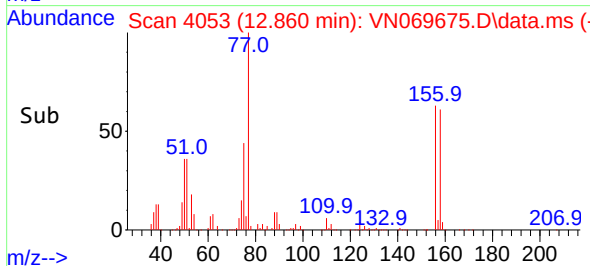
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 757104
Ion Ratio Lower Upper
156 100
77 222.6 90.6 271.8
158 96.3 48.9 146.7

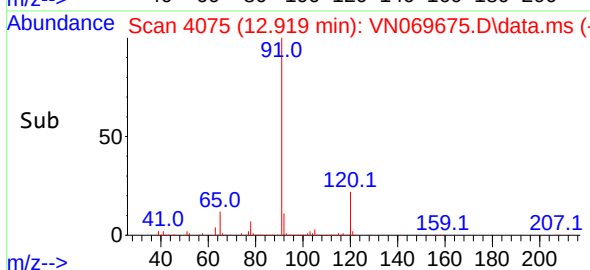
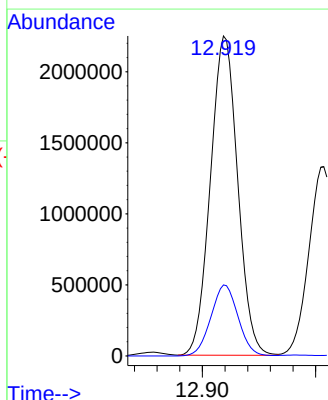
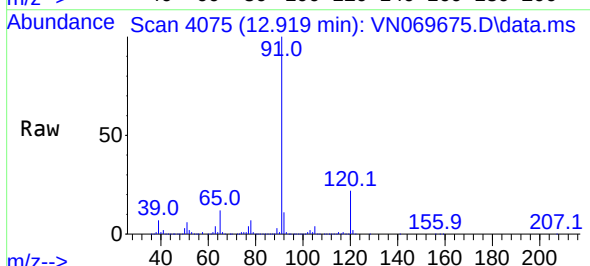
Manual Integrations
APPROVED

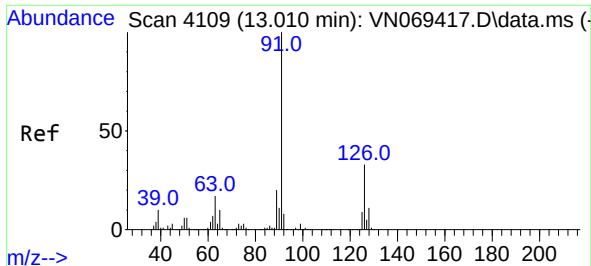
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#78
n-propylbenzene
Concen: 53.878 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Tgt Ion: 91 Resp: 3754099
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





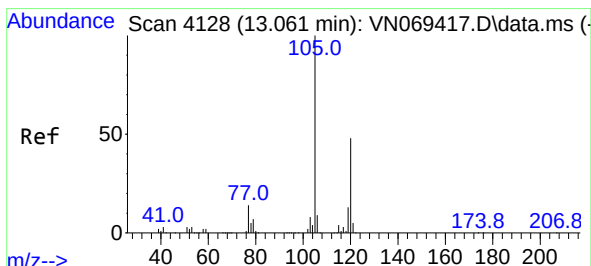
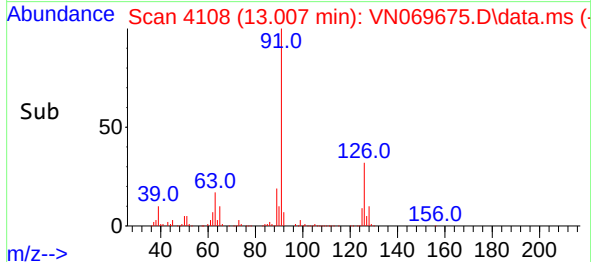
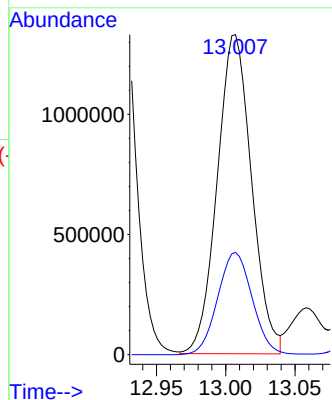
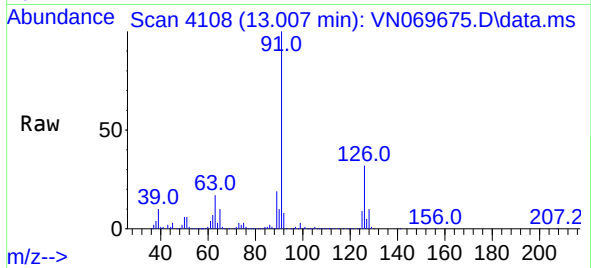
#79
2-Chlorotoluene
Concen: 53.187 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2294611
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

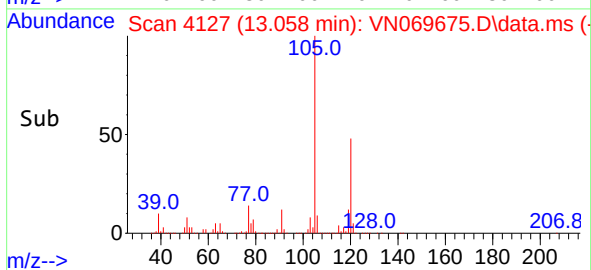
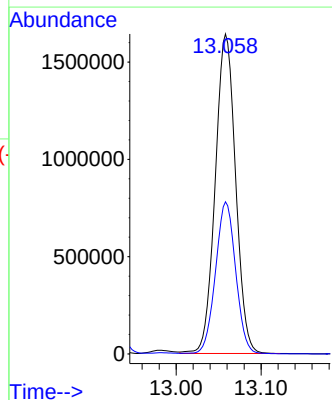
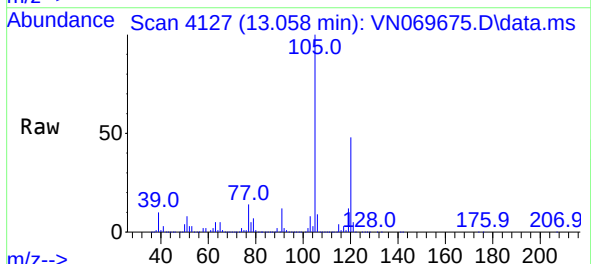
Manual Integrations
APPROVED

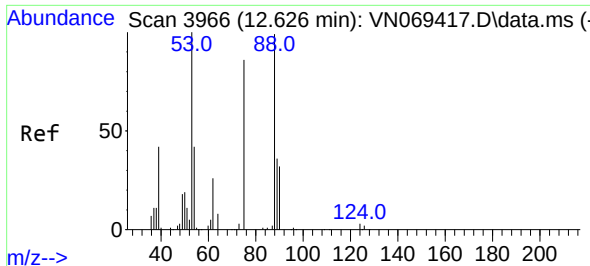
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.704 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

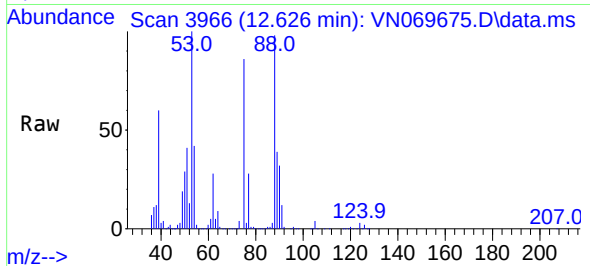
Tgt Ion:105 Resp: 2738467
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.367 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

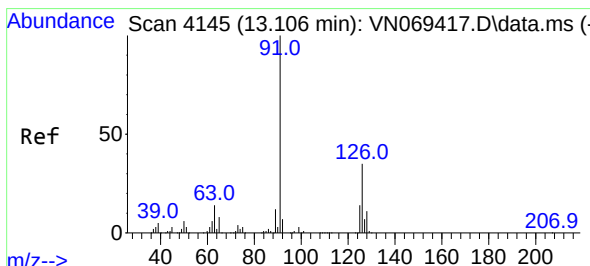
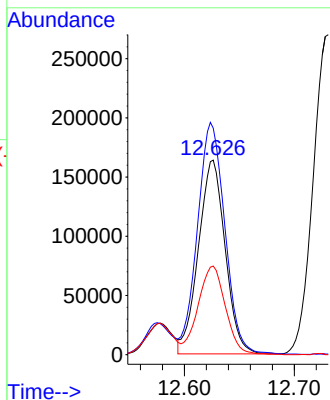
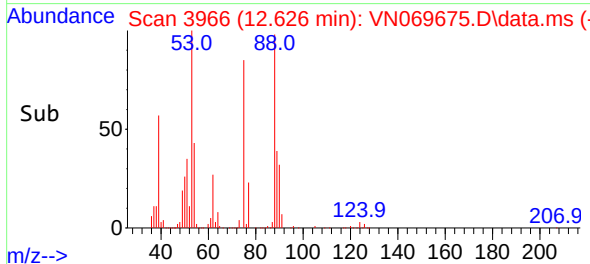
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



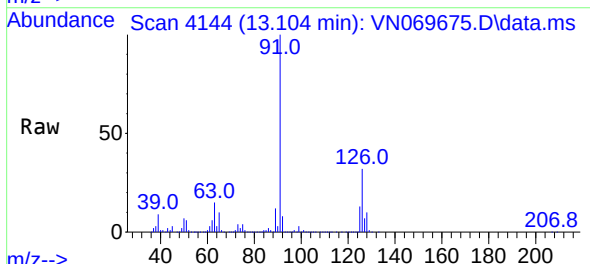
Tgt Ion: 75 Resp: 276709
Ion Ratio Lower Upper
75 100
53 123.1 90.5 135.7
89 47.1 38.2 57.4

Manual Integrations
APPROVED

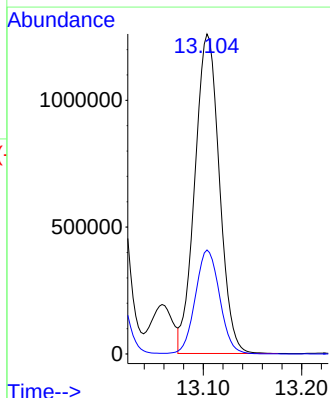
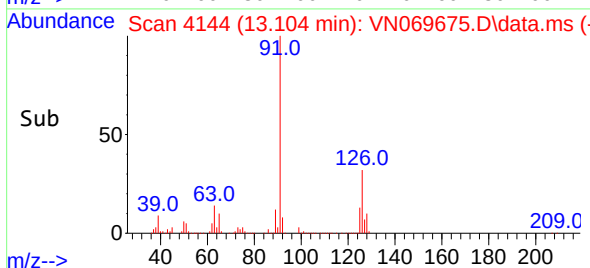
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

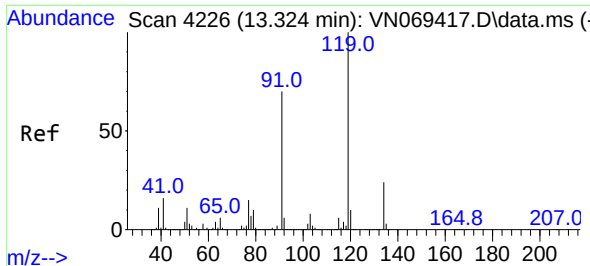


#82
4-Chlorotoluene
Concen: 52.972 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



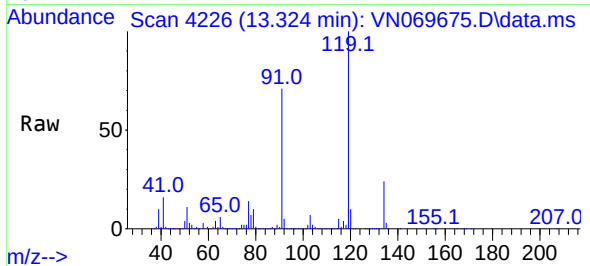
Tgt Ion: 91 Resp: 2178555
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 54.645 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

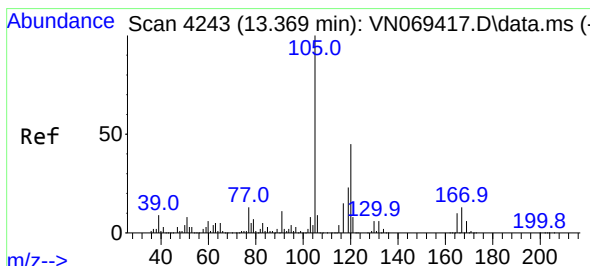
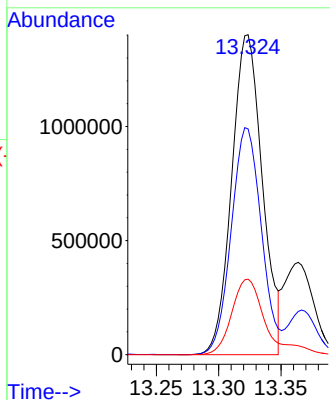
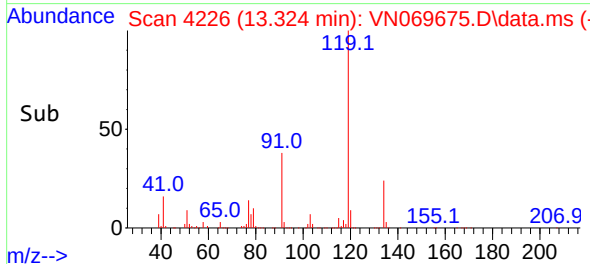
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



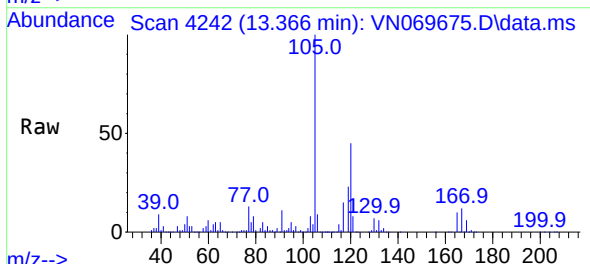
Tgt Ion:119 Resp: 239718
Ion Ratio Lower Upper
119 100
91 70.1 31.5 94.5
134 26.1 12.4 37.4

Manual Integrations
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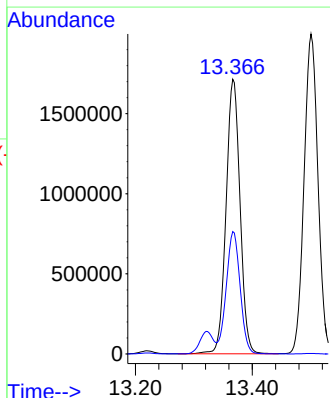
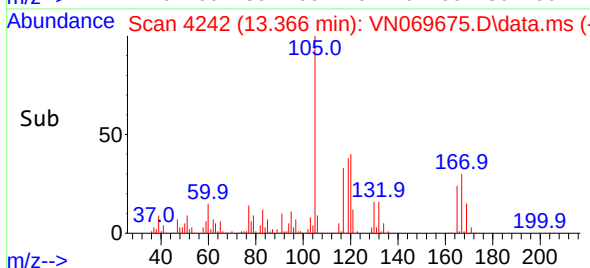
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

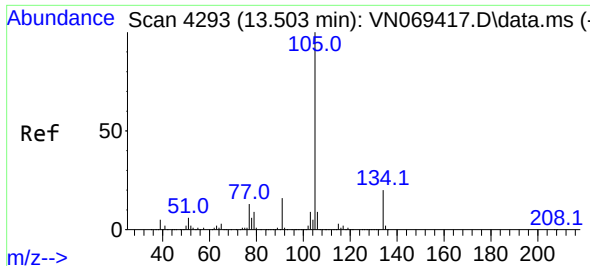


#84
1,2,4-Trimethylbenzene
Concen: 58.887 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



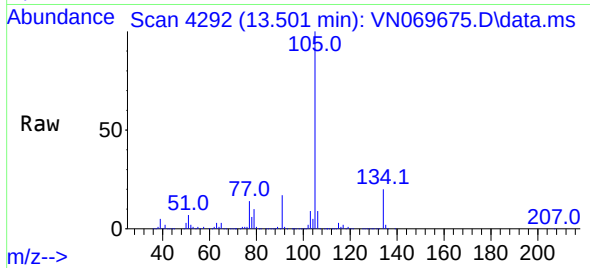
Tgt Ion:105 Resp: 2845855
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 53.712 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069675.D
 Acq: 29 Nov 2021 19:59

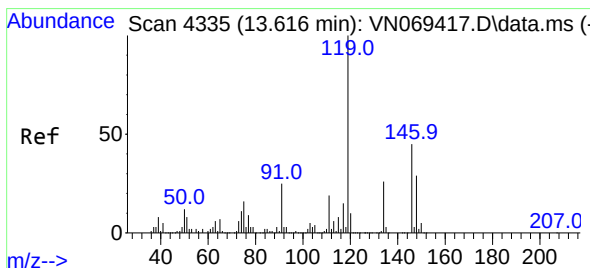
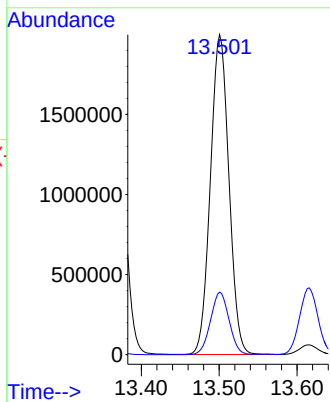
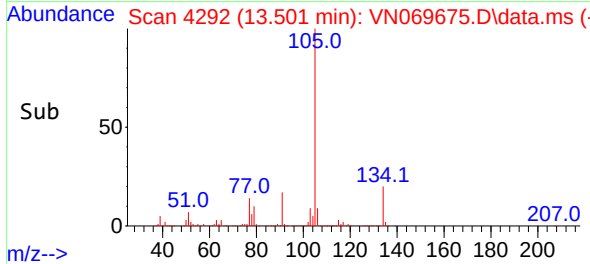
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



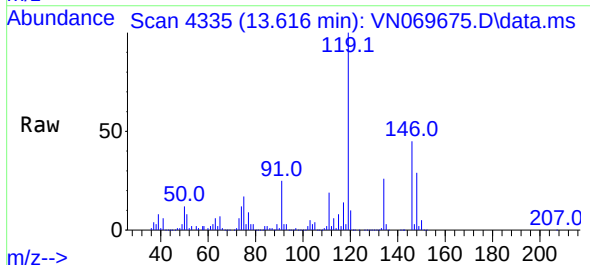
Tgt Ion:105 Resp: 3291489
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
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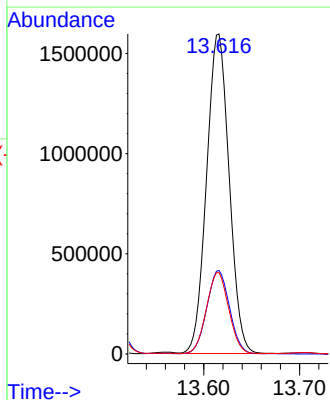
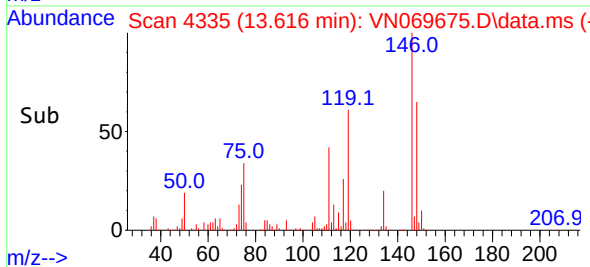
Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

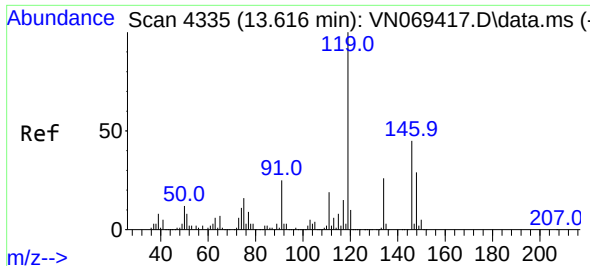


#86
 p-Isopropyltoluene
 Concen: 53.670 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069675.D
 Acq: 29 Nov 2021 19:59



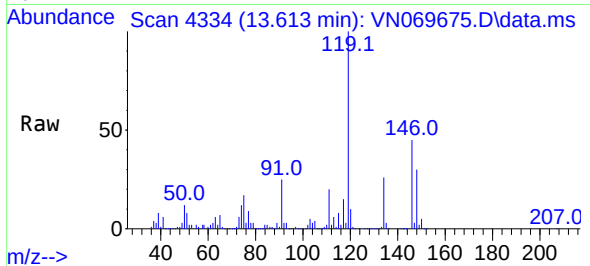
Tgt Ion:119 Resp: 2610893
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.600 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

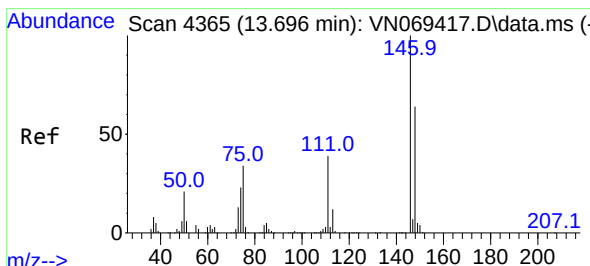
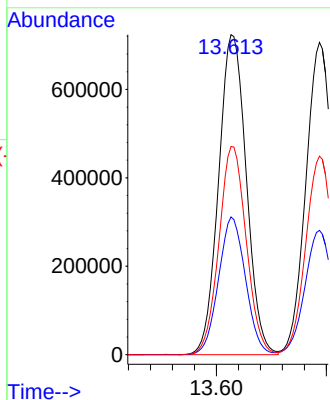
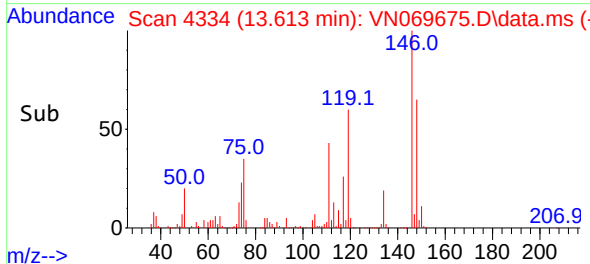
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



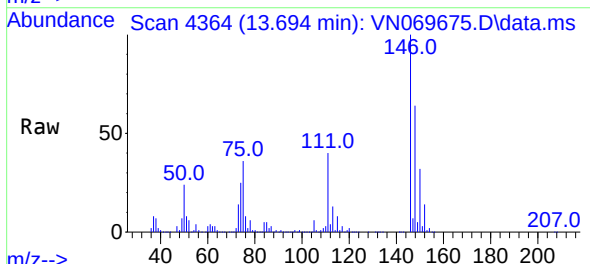
Tgt Ion:146 Resp: 126692
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
APPROVED

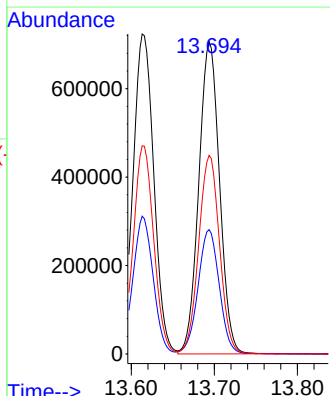
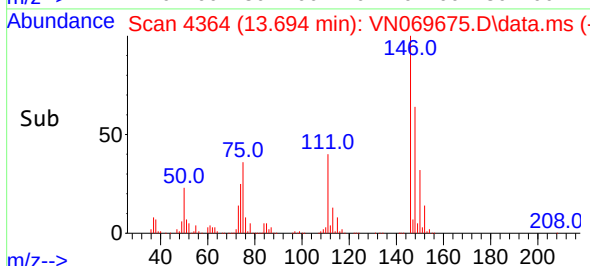
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

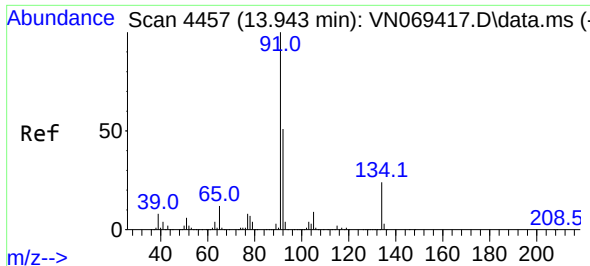


#88
1,4-Dichlorobenzene
Concen: 50.801 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



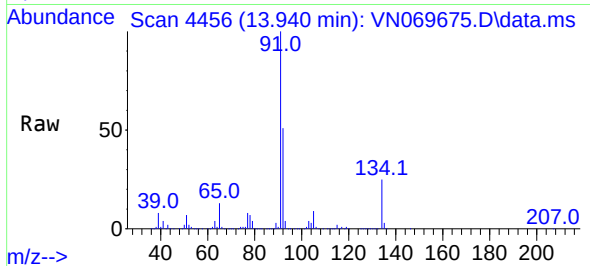
Tgt Ion:146 Resp: 1223638
Ion Ratio Lower Upper
146 100
111 40.5 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 53.046 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

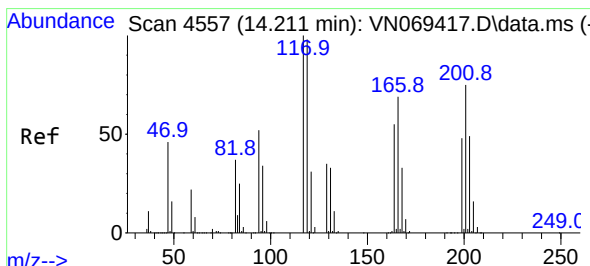
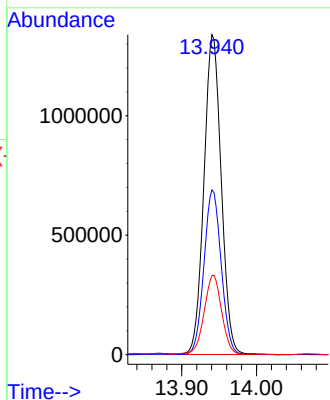
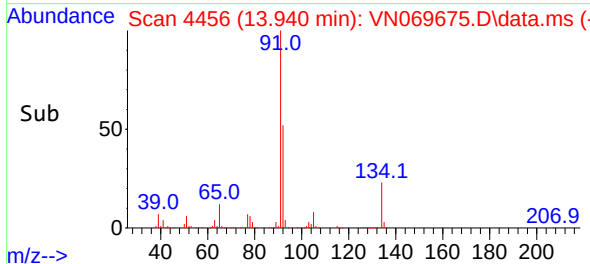
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 215193
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 25.4 13.6 40.8

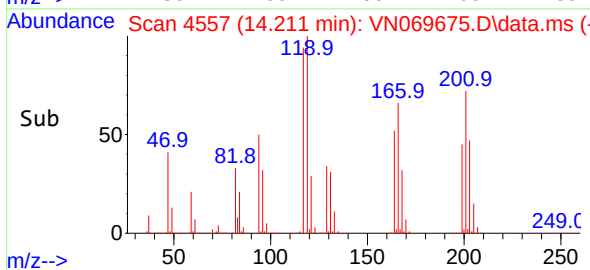
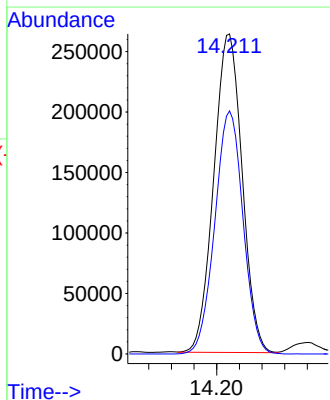
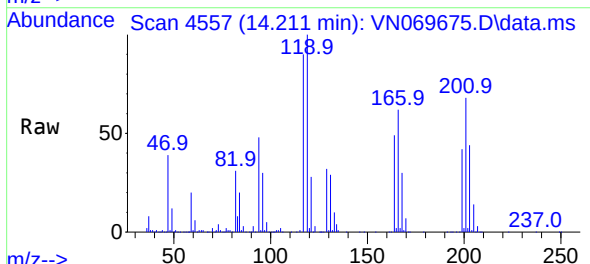
Manual Integrations
APPROVED

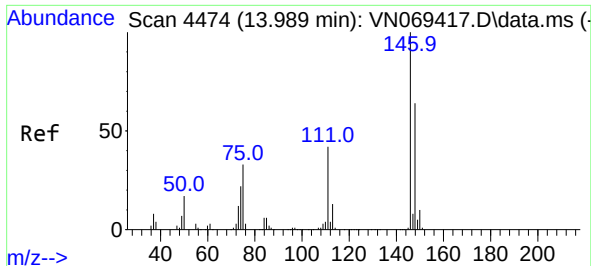
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#90
Hexachloroethane
Concen: 51.176 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

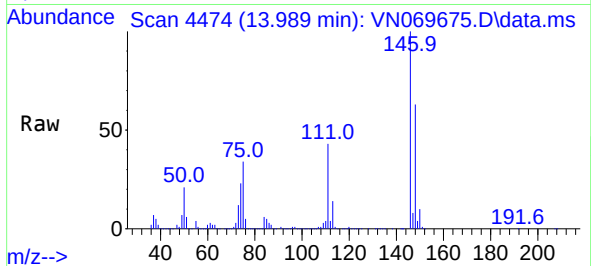
Tgt Ion:117 Resp: 458075
Ion Ratio Lower Upper
117 100
201 75.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.061 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

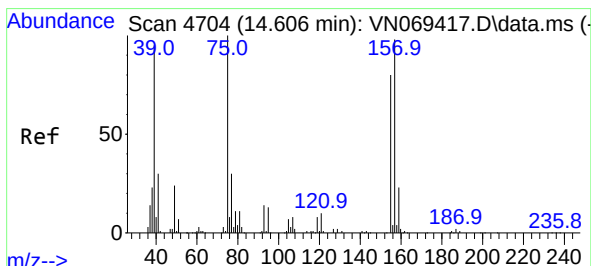
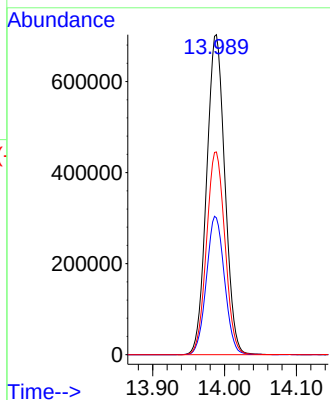
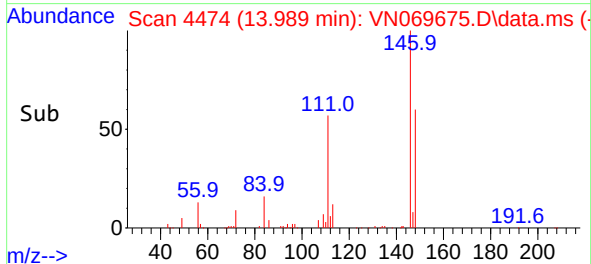
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



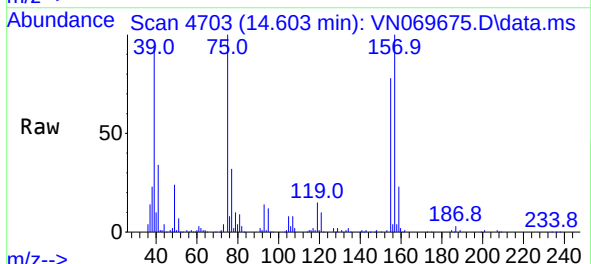
Tgt Ion:146 Resp: 123968
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

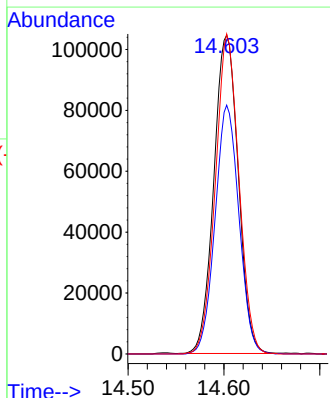
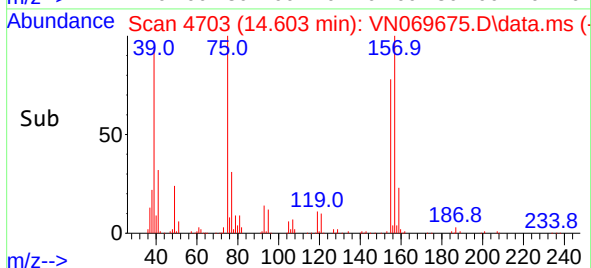
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

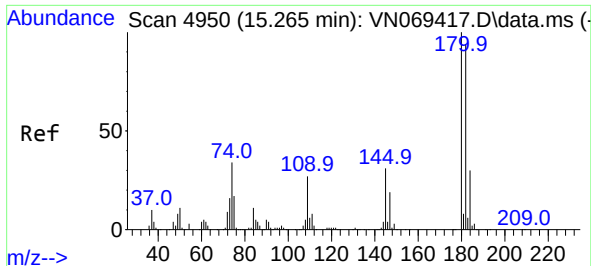


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.713 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion: 75 Resp: 184933
Ion Ratio Lower Upper
75 100
155 76.5 46.9 140.7
157 96.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 45.767 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

Instrument :

MSVOA_N

ClientSampleId :

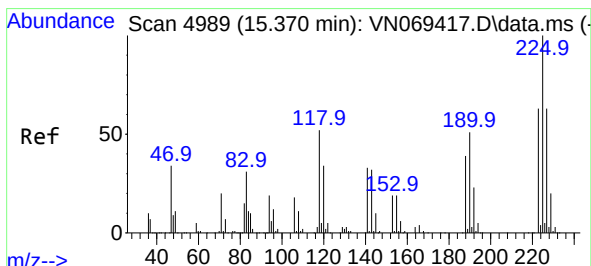
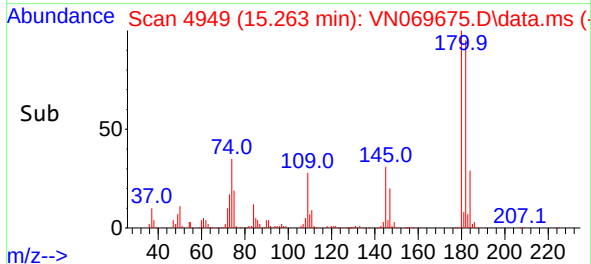
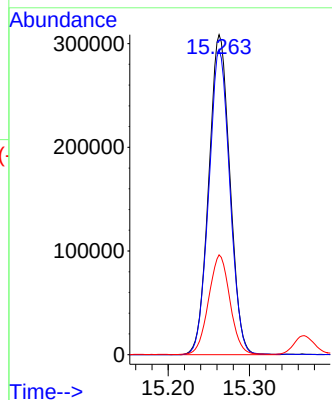
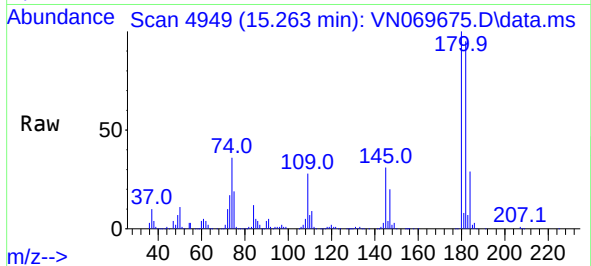
VSTDCCC050EC

Tgt Ion:180 Resp: 556830
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 31.7 14.5 43.5

Manual Integrations

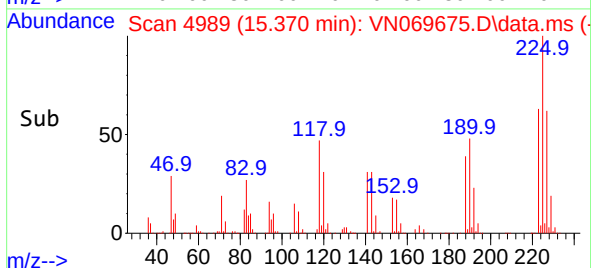
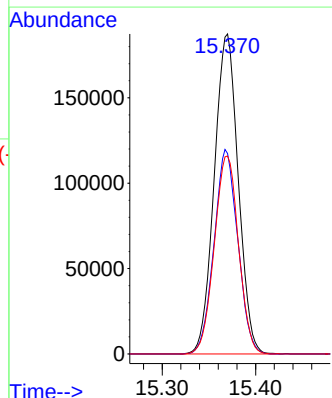
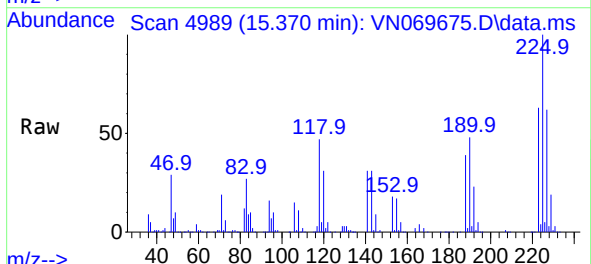
APPROVED

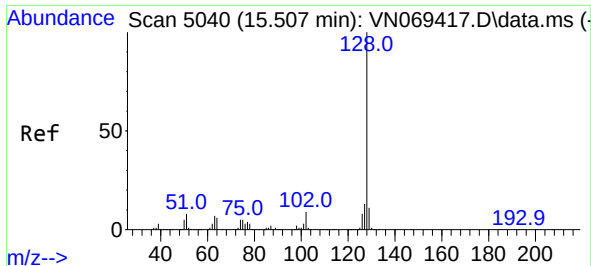
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#94
Hexachlorobutadiene
Concen: 55.165 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

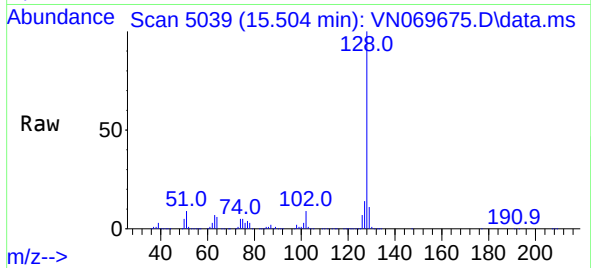
Tgt Ion:225 Resp: 334890
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 54.150 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59

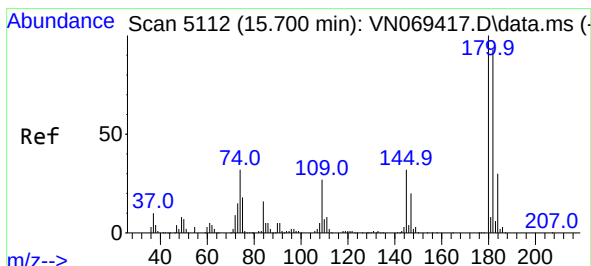
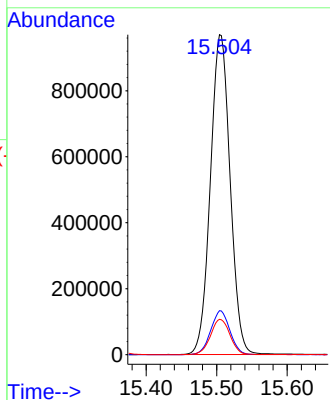
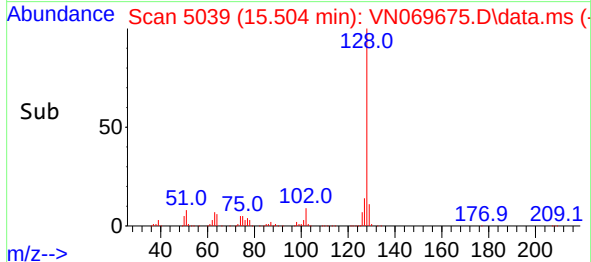
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



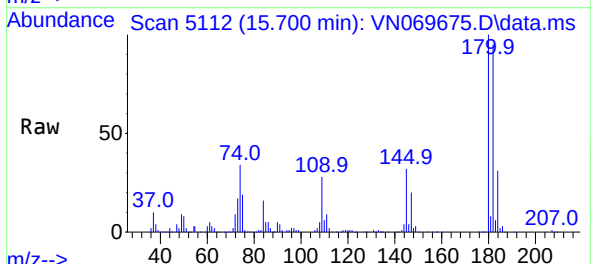
Tgt Ion:128 Resp: 1883520
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#96
1,2,3-Trichlorobenzene
Concen: 45.556 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069675.D
Acq: 29 Nov 2021 19:59



Tgt Ion:180 Resp: 529758
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 31.9 15.0 45.1

