

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069504.D
 Acq On : 16 Nov 2021 11:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 16:17:07 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	8.083	168	1050490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1756681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1702307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	754586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	775188	50.894	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.780%	
35) Dibromofluoromethane	8.021	113	551265	52.323	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.640%	
50) Toluene-d8	10.440	98	2078186	50.153	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.731	95	801833	52.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	512267	45.645	ug/l	99
3) Chloromethane	2.303	50	567174	43.577	ug/l	99
4) Vinyl Chloride	2.448	62	553118	42.442	ug/l	96
5) Bromomethane	2.842	94	418654	49.464	ug/l	99
6) Chloroethane	3.014	64	357922	40.689	ug/l	98
7) Trichlorofluoromethane	3.373	101	816144	40.520	ug/l	98
8) Diethyl Ether	3.821	74	328128	50.353	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.208	101	448742	47.297	ug/l	95
10) Methyl Iodide	4.417	142	609720	52.395	ug/l	97
11) Tert butyl alcohol	5.380	59	613594	223.559	ug/l	99
12) 1,1-Dichloroethene	4.178	96	392840	46.139	ug/l	90
13) Acrolein	4.039	56	103275	266.142	ug/l	99
14) Allyl chloride	4.838	41	922328	48.997	ug/l	95
15) Acrylonitrile	5.551	53	1793860	255.222	ug/l	99
16) Acetone	4.285	43	1899792	231.173	ug/l	98
17) Carbon Disulfide	4.527	76	807887	40.142	ug/l	99
18) Methyl Acetate	4.854	43	1294323	48.451	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	1894379	52.574	ug/l	97
20) Methylene Chloride	5.095	84	558915	47.961	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	449971	47.317	ug/l	91
22) Diisopropyl ether	6.495	45	2127301	52.462	ug/l	96
23) Vinyl Acetate	6.434	43	8302207	264.720	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1019878	49.380	ug/l	98
25) 2-Butanone	7.335	43	2715723	244.045	ug/l	93
26) 2,2-Dichloropropane	7.324	77	765120	47.348	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	603016	51.152	ug/l	89
28) Bromochloromethane	7.657	49	575997	54.459	ug/l #	81
29) Tetrahydrofuran	7.683	42	1685110	246.760	ug/l	90
30) Chloroform	7.818	83	1078435	50.933	ug/l	100
31) Cyclohexane	8.094	56	852697	40.977	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	851718	48.191	ug/l	95
36) 1,1-Dichloropropene	8.220	75	702660	47.537	ug/l	97
37) Ethyl Acetate	7.413	43	1034506	51.774	ug/l	96
38) Carbon Tetrachloride	8.206	117	684451	47.962	ug/l	99
39) Methylcyclohexane	9.459	83	835527	45.439	ug/l	92
40) Benzene	8.459	78	2259474	49.523	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	531412	51.471	ug/l	90
42) 1,2-Dichloroethane	8.531	62	936359	52.413	ug/l	98
43) Isopropyl Acetate	8.560	43	1669594	52.022	ug/l	95
44) Trichloroethene	9.215	130	544458	49.862	ug/l	92
45) 1,2-Dichloropropane	9.488	63	642586	52.715	ug/l	99
46) Dibromomethane	9.577	93	424050	51.937	ug/l	93
47) Bromodichloromethane	9.762	83	823951	54.080	ug/l	99
48) Methyl methacrylate	9.561	41	758120	50.208	ug/l	93
49) 1,4-Dioxane	9.569	88	261446	878.634	ug/l #	88
51) 4-Methyl-2-Pentanone	10.331	43	5479640	264.514	ug/l	96
52) Toluene	10.505	92	1434011	50.451	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	878352	47.052	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	946757	48.031	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	623477	54.415	ug/l	98
56) Ethyl methacrylate	10.760	69	1035168	48.026	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1066721	52.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1139770	209.361	ug/l	93
59) 2-Hexanone	11.084	43	3964479	227.396	ug/l	94
60) Dibromochloromethane	11.237	129	604963	48.197	ug/l	100
61) 1,2-Dibromoethane	11.344	107	630686	49.330	ug/l	99
64) Tetrachloroethene	10.977	164	488383	47.514	ug/l	96
65) Chlorobenzene	11.768	112	1590953	50.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	586236	53.341	ug/l	99
67) Ethyl Benzene	11.843	91	2877512	49.240	ug/l	96
68) m/p-Xylenes	11.953	106	2126973	98.961	ug/l	94
69) o-Xylene	12.280	106	1082249	50.508	ug/l	93
70) Styrene	12.294	104	1804331	46.995	ug/l	96
71) Bromoform	12.457	173	428963	45.297	ug/l #	100
73) Isopropylbenzene	12.578	105	2823287	46.991	ug/l	98
74) N-amyl acetate	12.388	43	1298600	51.002	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	992126	48.961	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	947296m	54.398	ug/l	
77) Bromobenzene	12.860	156	677516	49.308	ug/l	80
78) n-propylbenzene	12.921	91	3248475	48.051	ug/l	96
79) 2-Chlorotoluene	13.007	91	2004665	47.891	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2347642	48.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	248389	43.331	ug/l	93
82) 4-Chlorotoluene	13.104	91	1975333	49.504	ug/l	94
83) tert-Butylbenzene	13.324	119	2044993	48.046	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2347027	50.054	ug/l	99
85) sec-Butylbenzene	13.501	105	2863284	48.157	ug/l	98
86) p-Isopropyltoluene	13.616	119	2320825	49.170	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1199625	50.357	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1149628	49.192	ug/l	97
89) n-Butylbenzene	13.943	91	1932656	49.102	ug/l	98
90) Hexachloroethane	14.211	117	383142	44.415	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	1174345	51.805	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	173033	46.075	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	554917	46.924	ug/l	97
94) Hexachlorobutadiene	15.370	225	302896	51.425	ug/l	99
95) Naphthalene	15.507	128	1484801	44.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	533726	47.182	ug/l	98

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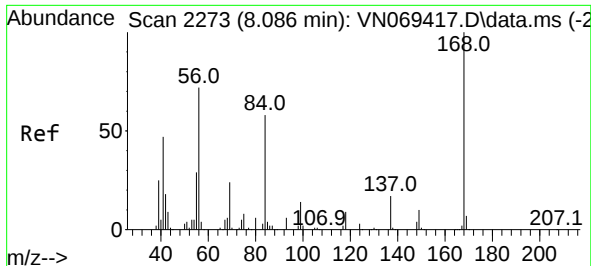
Manual Integrations
APPROVED

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QLast Update : Tue Nov 09 18:18:22 2021
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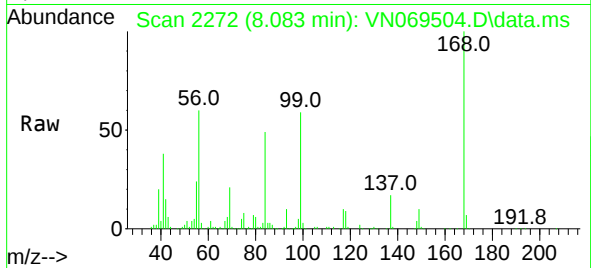
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069504.D
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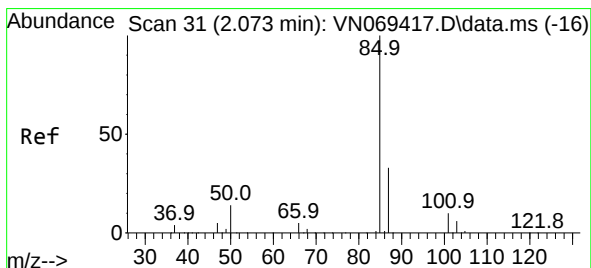
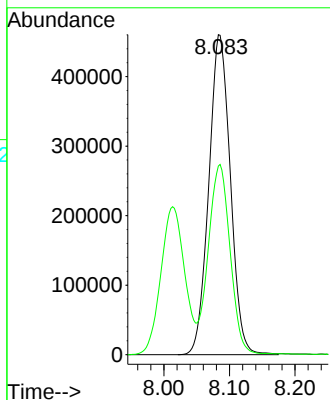
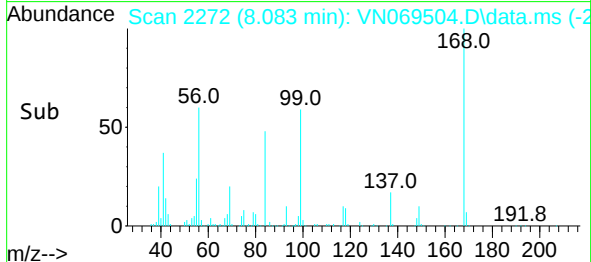
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 1050490
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9

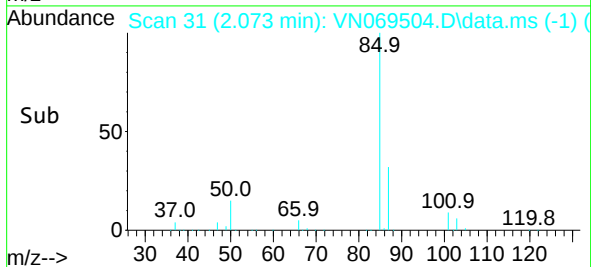
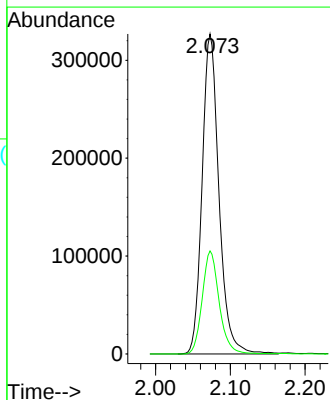
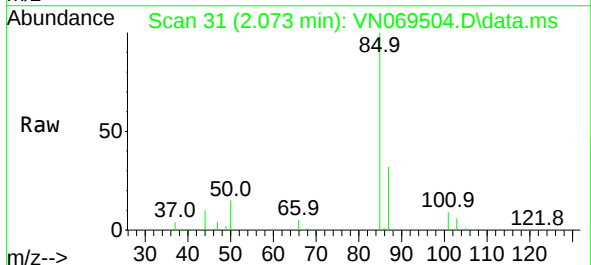
Manual Integrations
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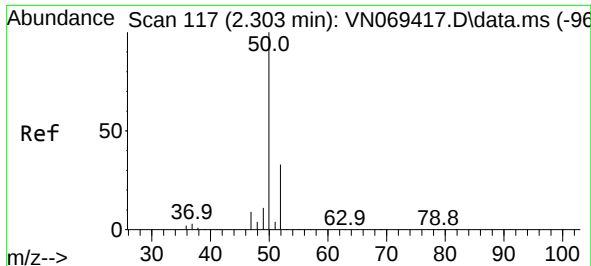
Reviewed By :John Carlone 11/17/2021
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#2
Dichlorodifluoromethane
Concen: 45.645 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

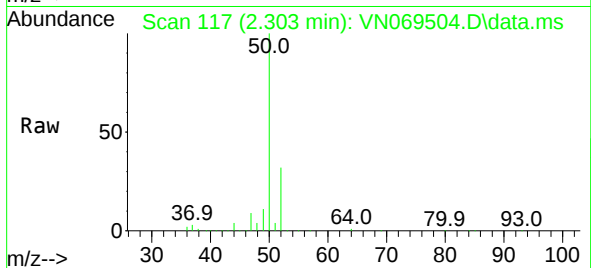
Tgt Ion: 85 Resp: 512267
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 43.577 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

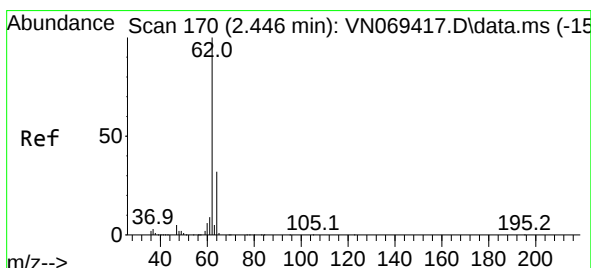
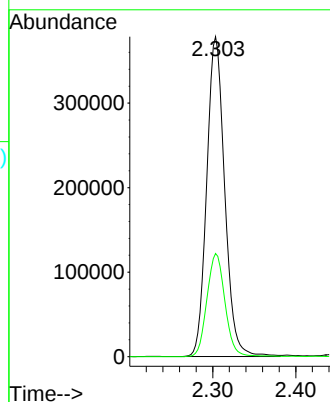
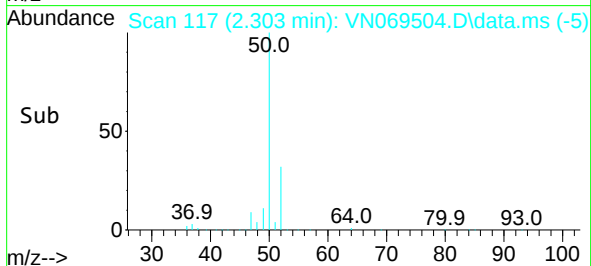
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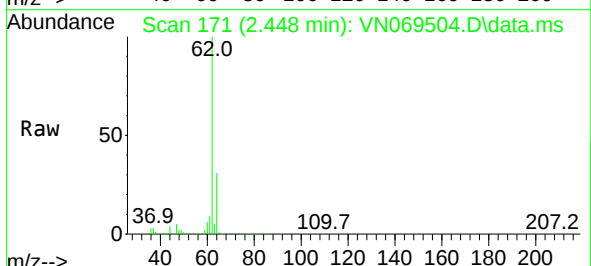
Tgt Ion: 50 Resp: 567174
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

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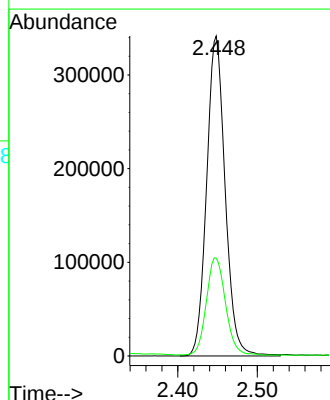
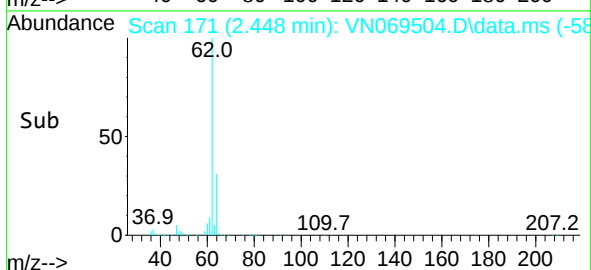
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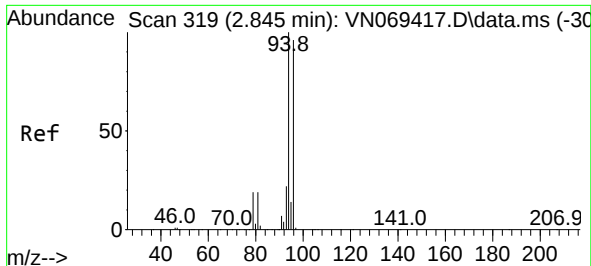


#4
Vinyl Chloride
Concen: 42.442 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



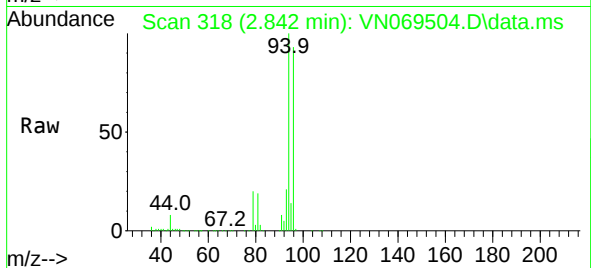
Tgt Ion: 62 Resp: 553118
Ion Ratio Lower Upper
62 100
64 30.2 25.8 38.6





#5
Bromomethane
Concen: 49.464 ug/l
RT: 2.842 min Scan# 319
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

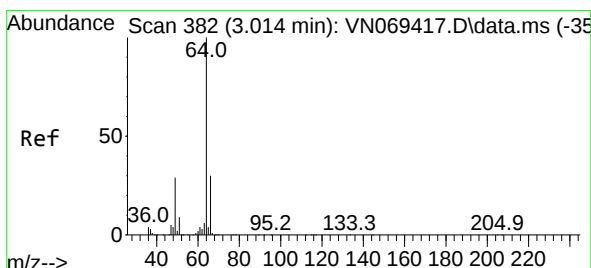
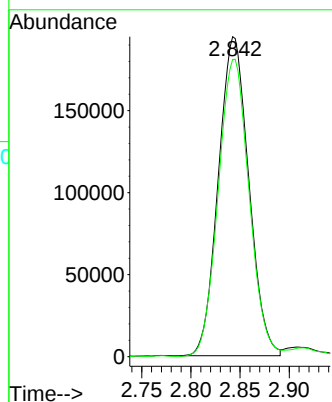
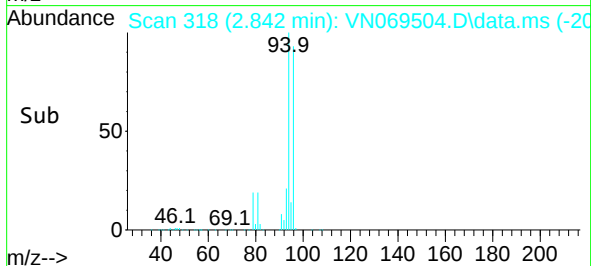
Instrument :
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Tgt Ion: 94 Resp: 418654
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.8

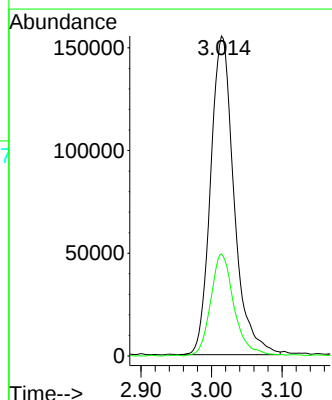
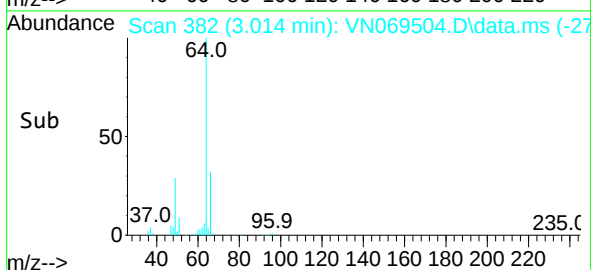
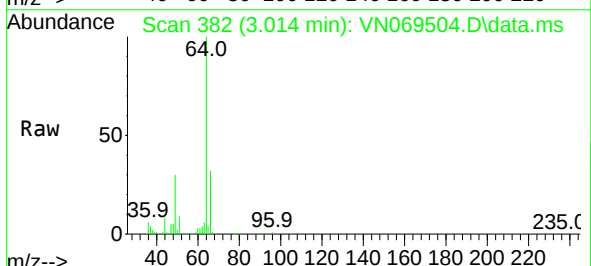
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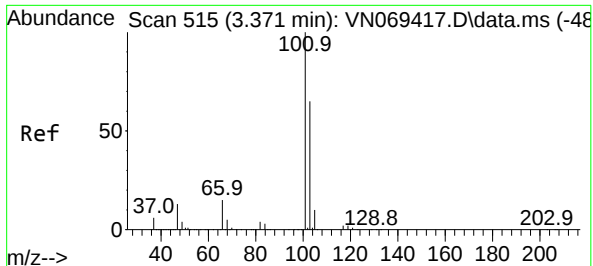
Reviewed By :John Carlone 11/17/2021
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#6
Chloroethane
Concen: 40.689 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

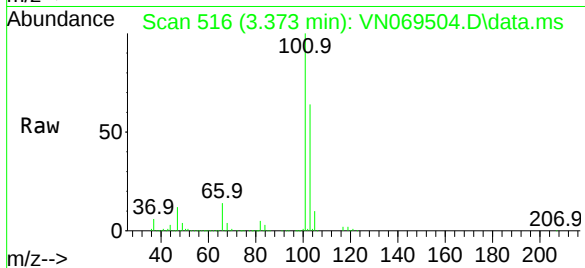
Tgt Ion: 64 Resp: 357922
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 40.520 ug/l
 RT: 3.373 min Scan# 515
 Delta R.T. 0.002 min
 Lab File: VN069504.D
 Acq: 16 Nov 2021 11:57

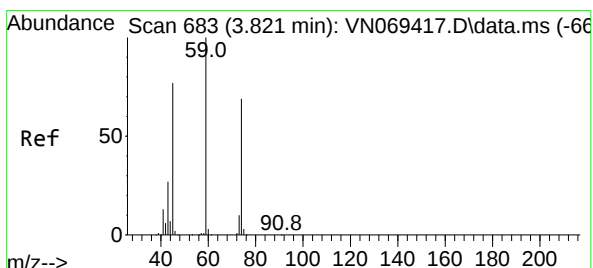
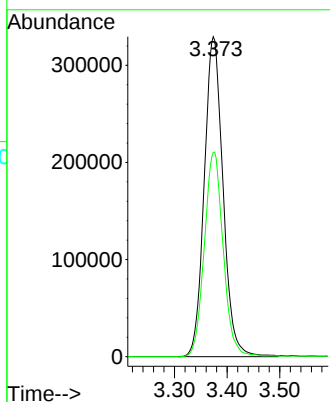
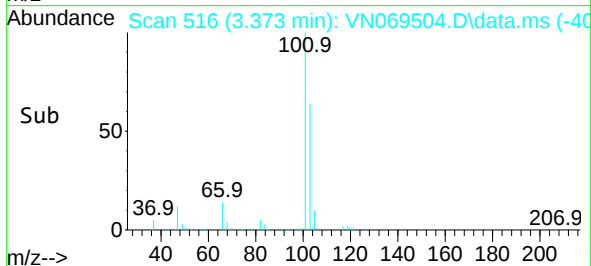
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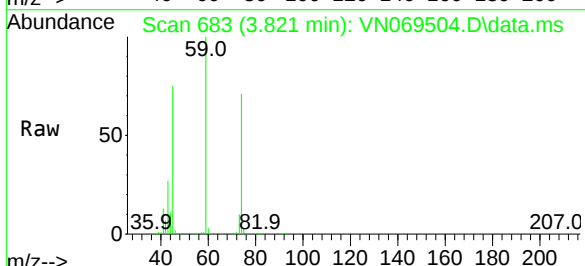
Tgt Ion:101 Resp: 816144
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.1 75.1

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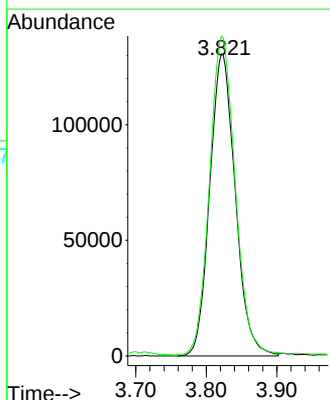
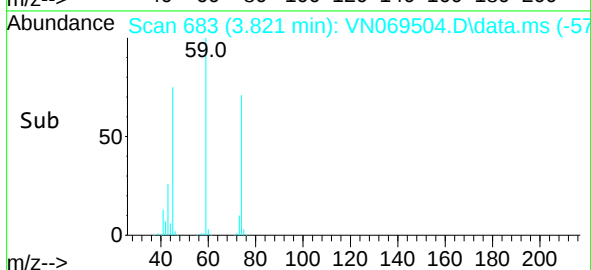
Reviewed By :John Carlone 11/17/2021
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#8
 Diethyl Ether
 Concen: 50.353 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN069504.D
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Tgt Ion: 74 Resp: 328128
 Ion Ratio Lower Upper
 74 100
 45 106.5 47.0 141.2





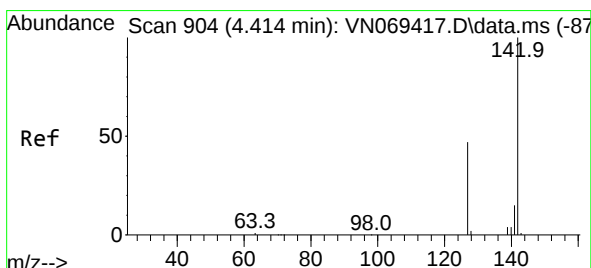
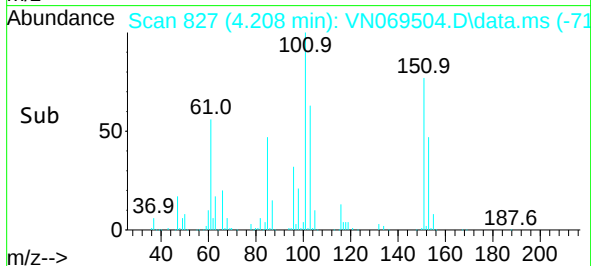
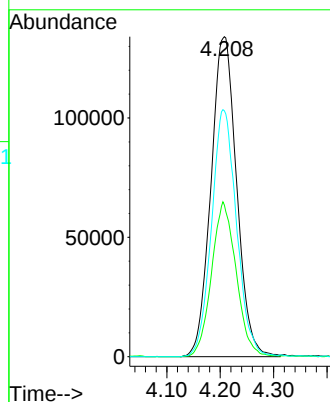
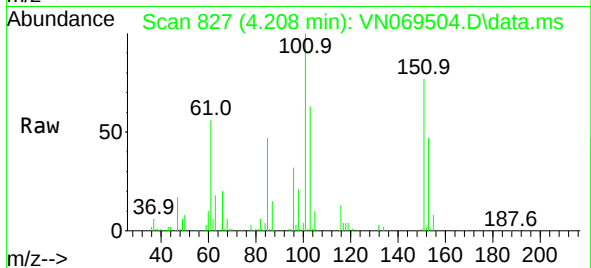
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.297 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069504.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 44874
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 75.3 65.9 98.9

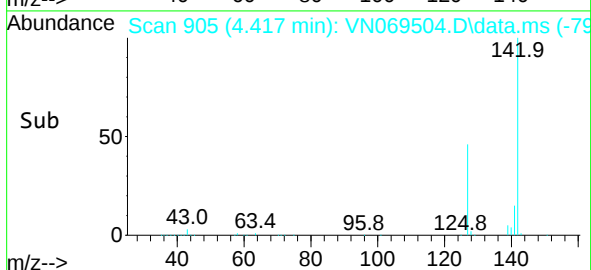
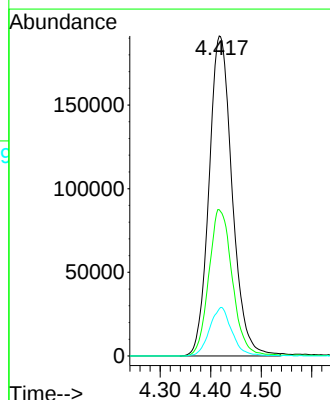
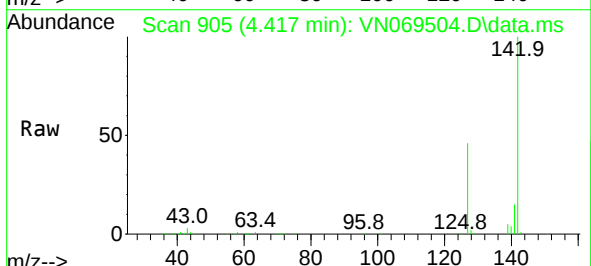
Manual Integrations
APPROVED

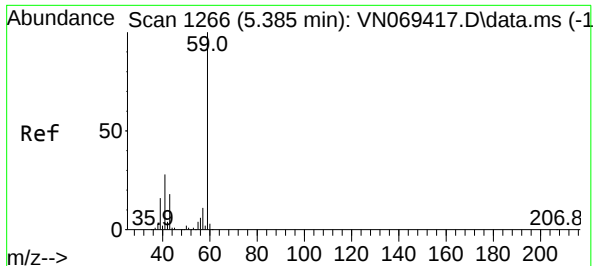
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 52.395 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

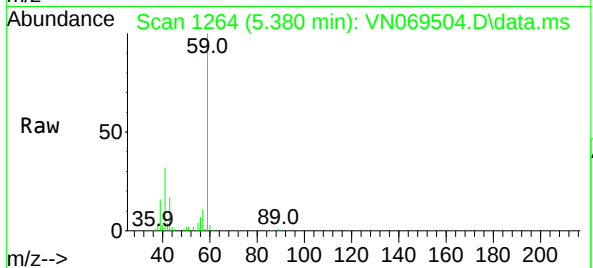
Tgt Ion:142 Resp: 609720
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 223.559 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

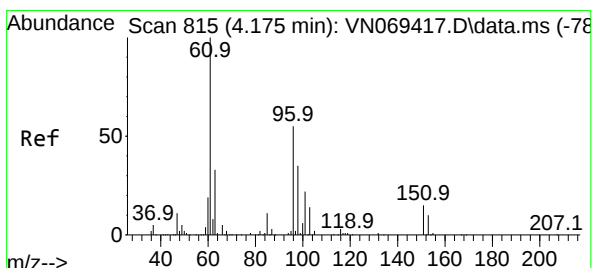
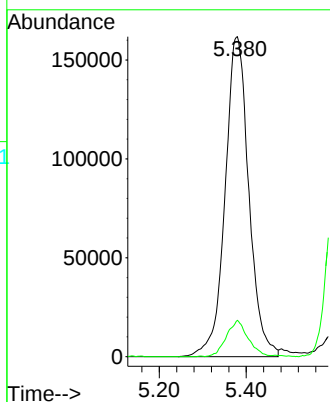
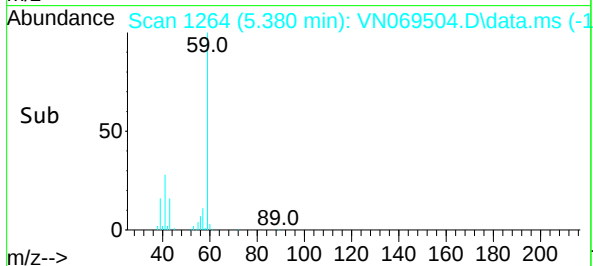
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



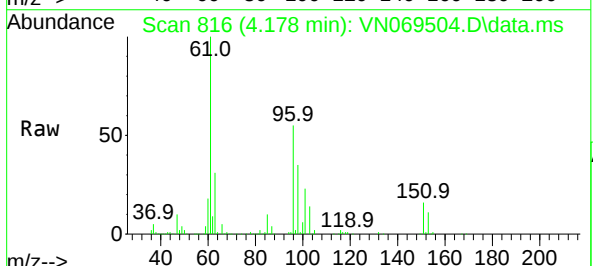
Tgt Ion: 59 Resp: 613594
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
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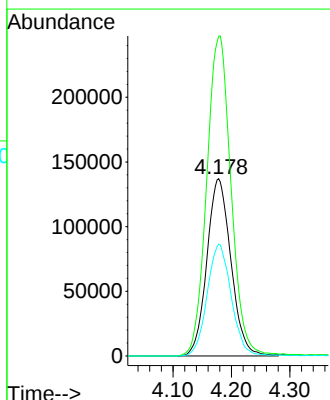
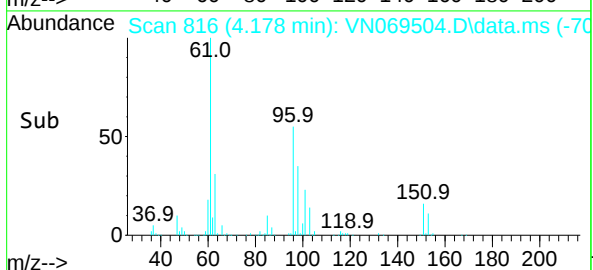
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 46.139 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



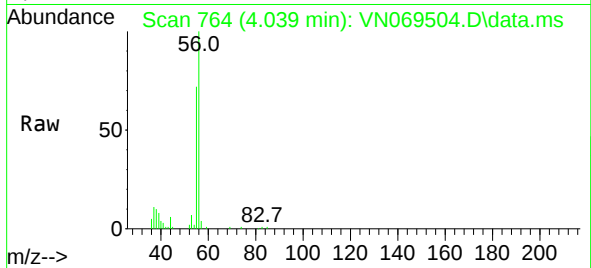
Tgt Ion: 96 Resp: 392840
Ion Ratio Lower Upper
96 100
61 180.2 131.0 196.6
98 63.1 52.4 78.6





#13
Acrolein
Concen: 266.142 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

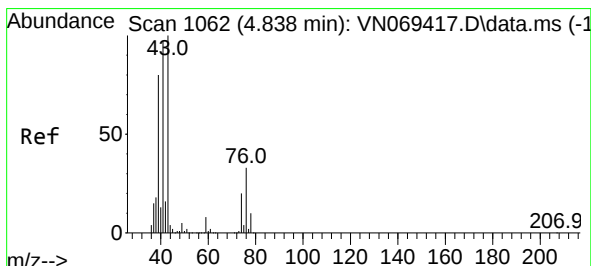
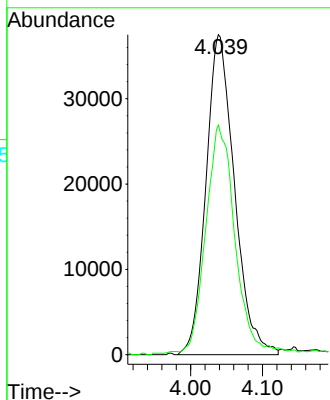
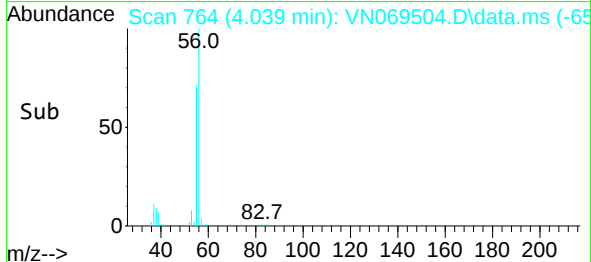
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 103275
Ion Ratio Lower Upper
56 100
55 70.1 56.6 85.0

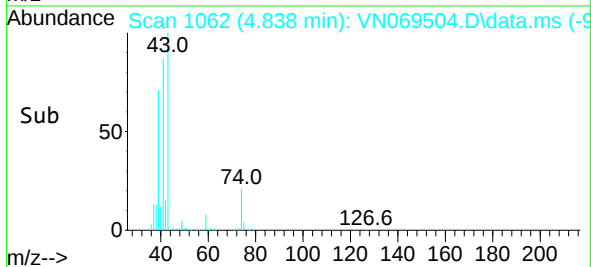
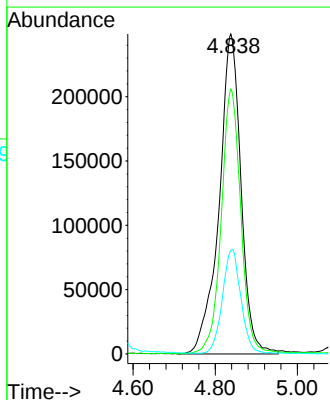
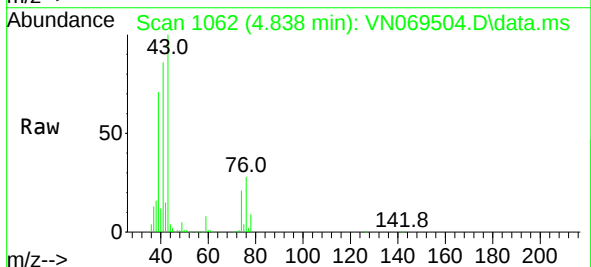
Manual Integrations
APPROVED

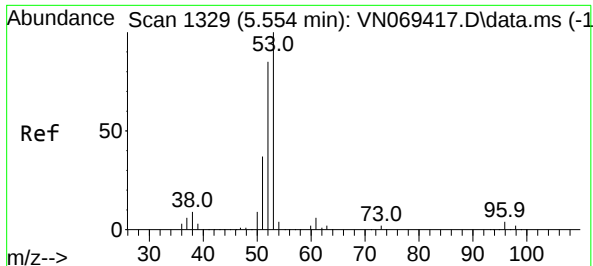
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 48.997 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

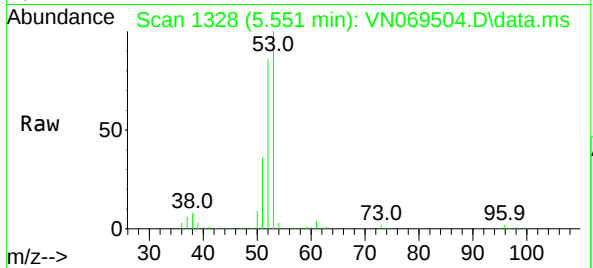
Tgt Ion: 41 Resp: 922328
Ion Ratio Lower Upper
41 100
39 73.7 61.2 91.8
76 27.1 26.0 39.0





#15
Acrylonitrile
Concen: 255.222 ug/l
RT: 5.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

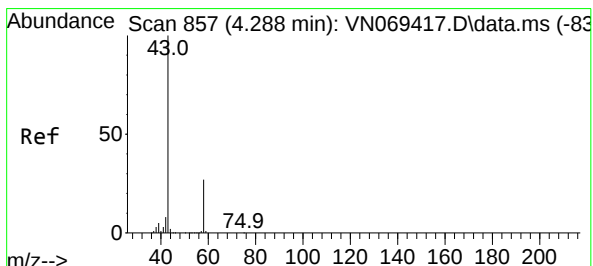
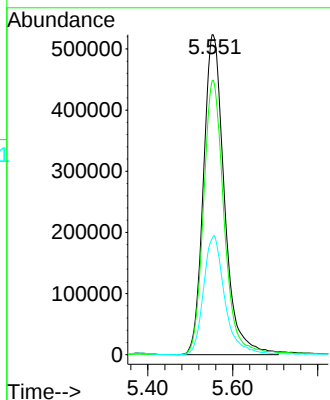
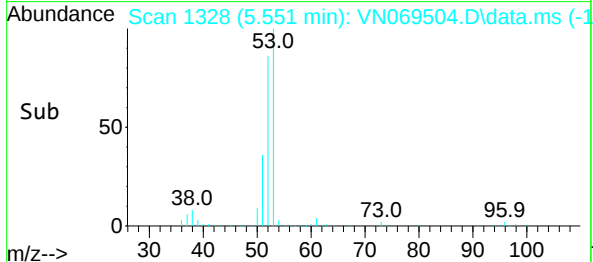
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 1793860
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.7 29.6 44.4

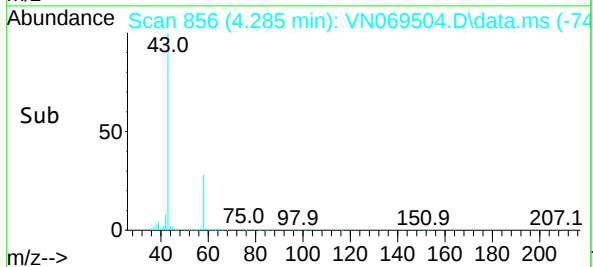
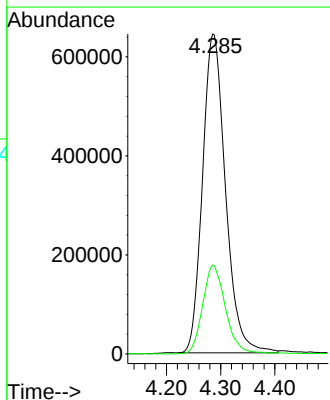
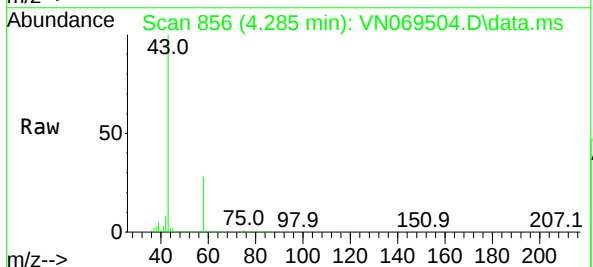
Manual Integrations
APPROVED

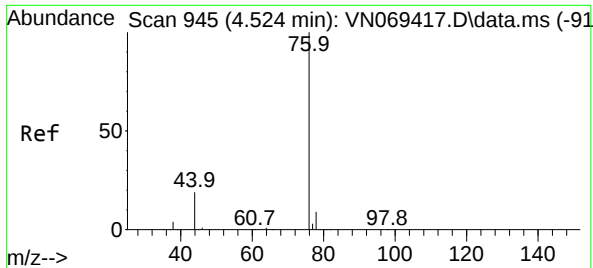
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 231.173 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 43 Resp: 1899792
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7





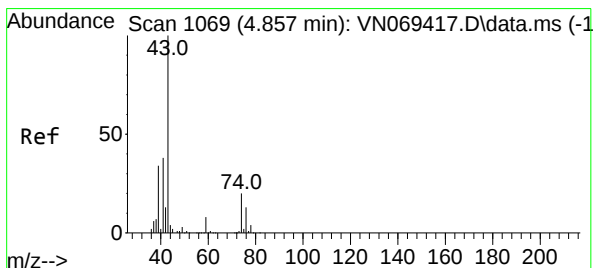
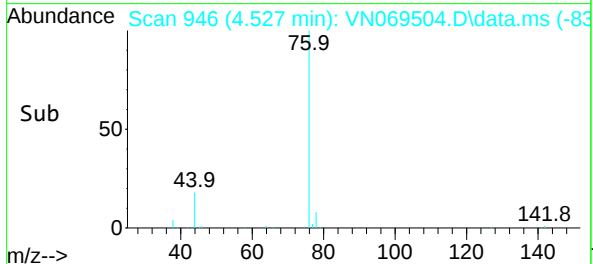
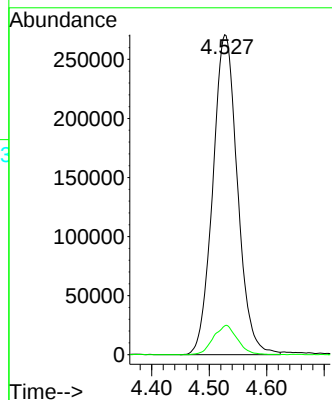
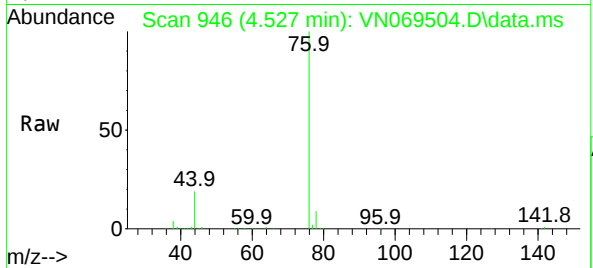
#17
Carbon Disulfide
Concen: 40.142 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 80788
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

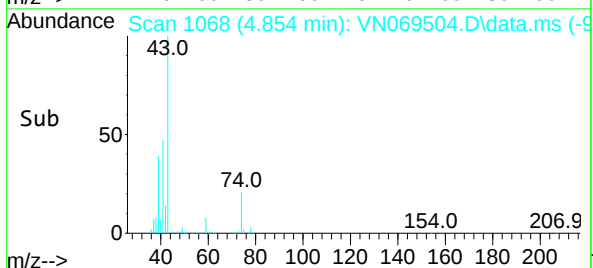
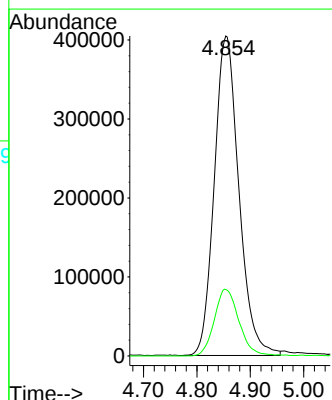
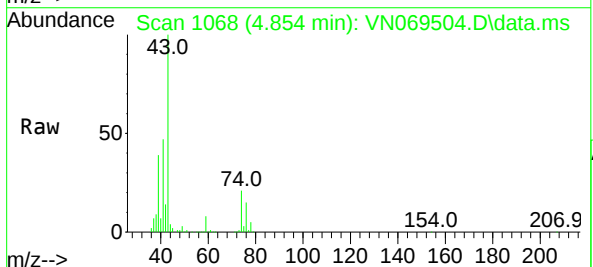
Manual Integrations
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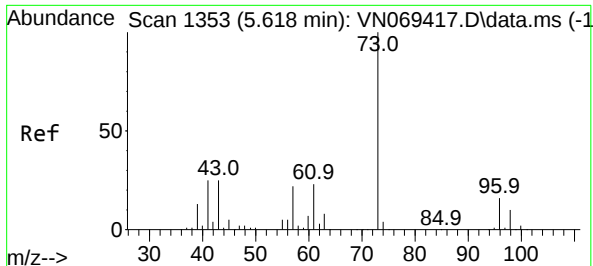
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 48.451 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 43 Resp: 1294323
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 52.574 ug/l

RT: 5.616 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1894379

Ion Ratio Lower Upper

73 100

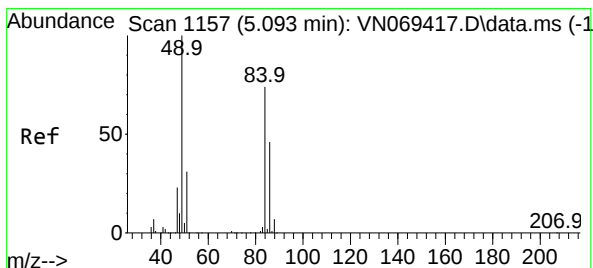
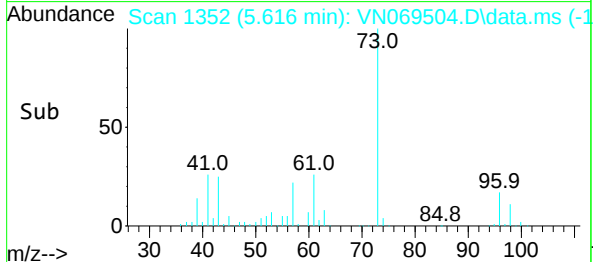
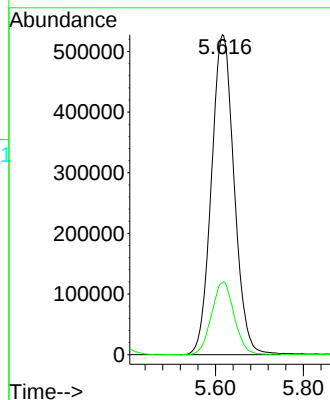
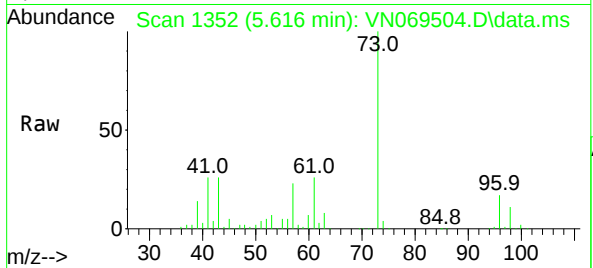
57 22.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 47.961 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Tgt Ion: 84 Resp: 558915

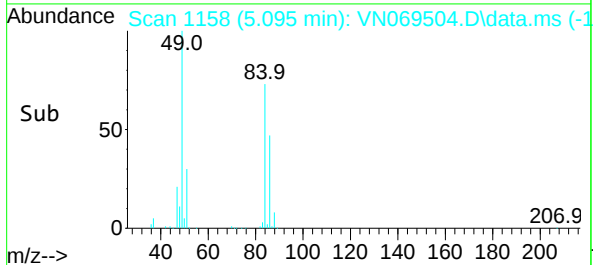
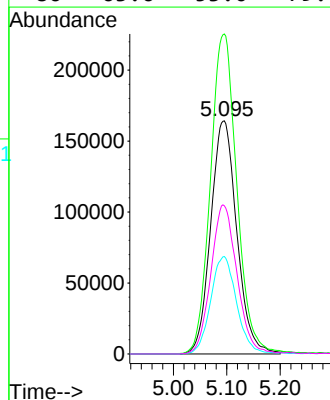
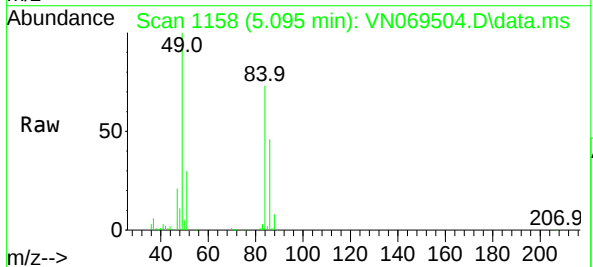
Ion Ratio Lower Upper

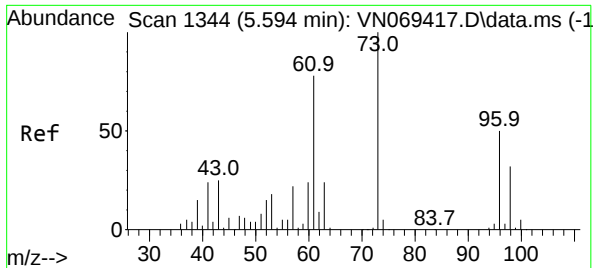
84 100

49 137.0 93.5 140.3

51 41.8 29.4 44.2

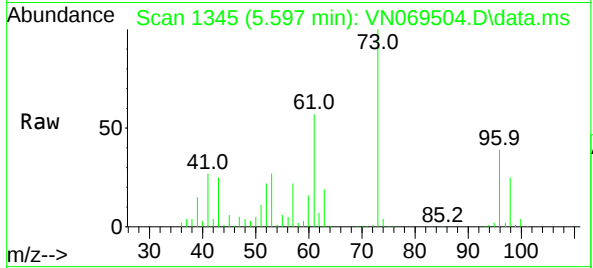
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.317 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

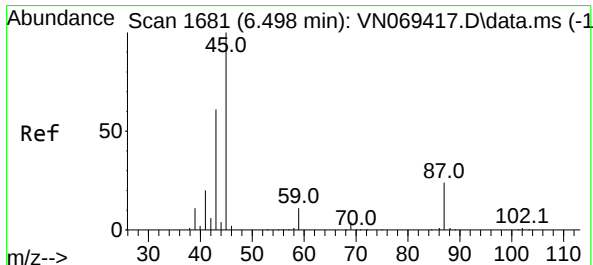
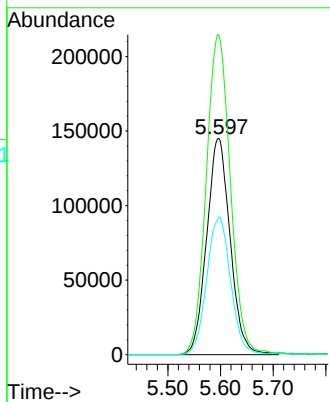
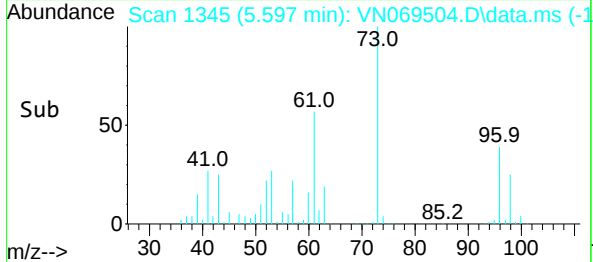
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



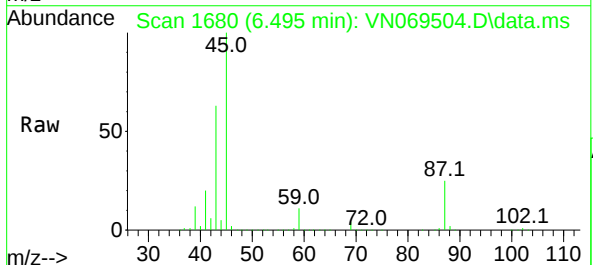
Tgt Ion: 96 Resp: 44997
Ion Ratio Lower Upper
96 100
61 147.8 105.8 158.6
98 63.7 52.0 78.0

Manual Integrations
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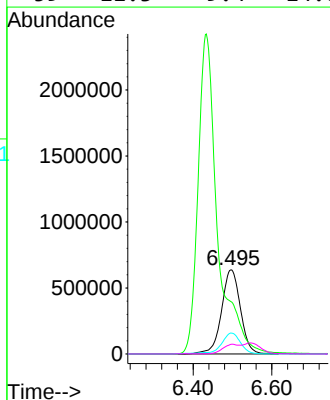
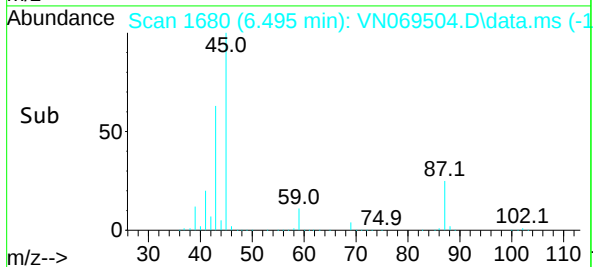
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

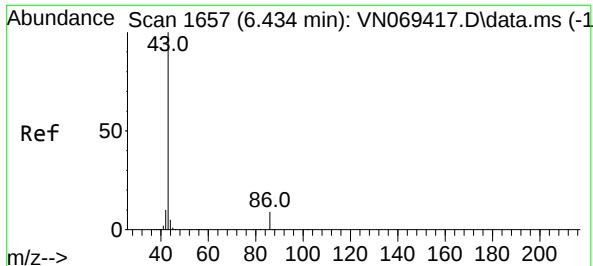


#22
Diisopropyl ether
Concen: 52.462 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



Tgt Ion: 45 Resp: 2127301
Ion Ratio Lower Upper
45 100
43 62.3 51.7 77.5
87 24.8 23.2 34.8
59 11.3 9.4 14.0





#23

Vinyl Acetate

Concen: 264.720 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 830220

Ion Ratio Lower Upper

43 100

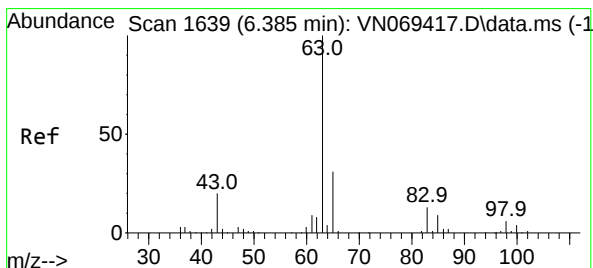
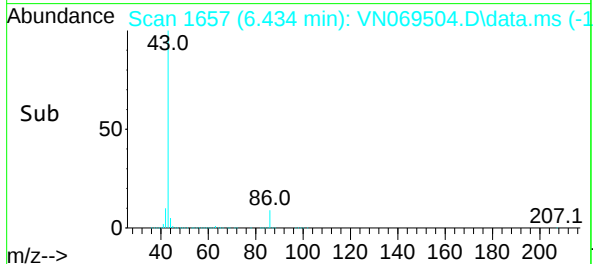
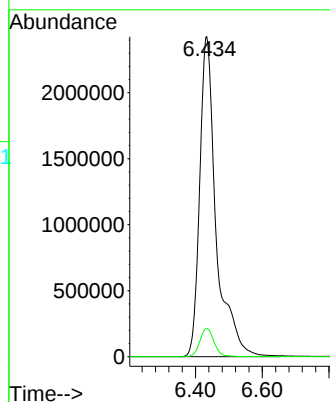
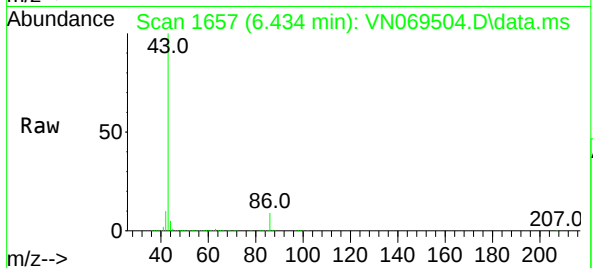
86 8.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#24

1,1-Dichloroethane

Concen: 49.380 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

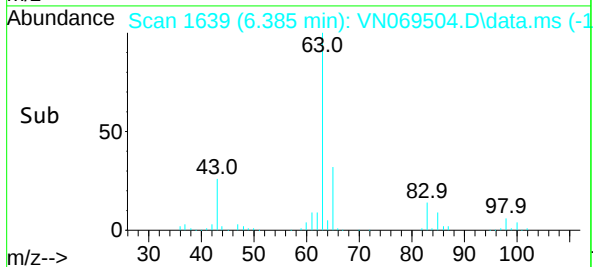
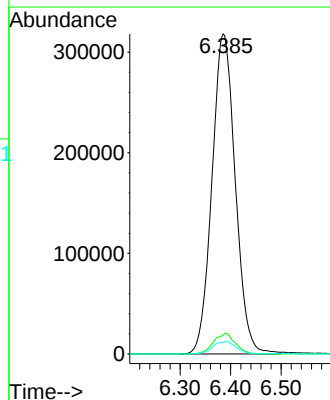
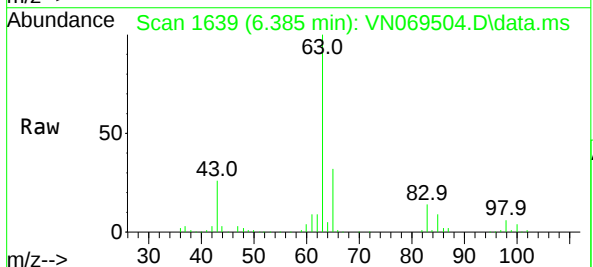
Tgt Ion: 63 Resp: 1019878

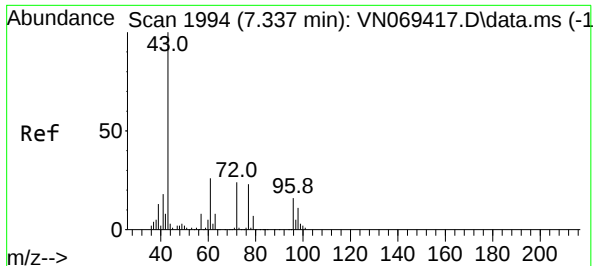
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 244.045 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.002 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 271572

Ion Ratio Lower Upper

43 100

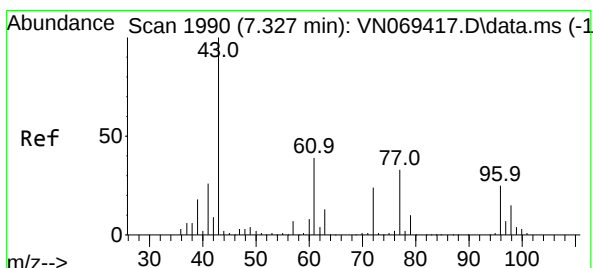
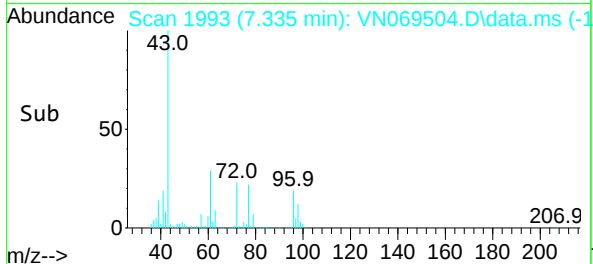
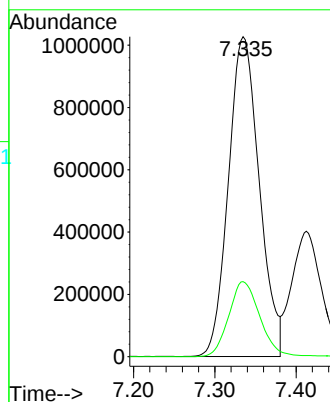
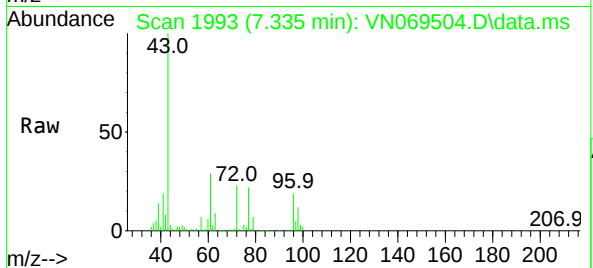
72 23.5 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 47.348 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069504.D

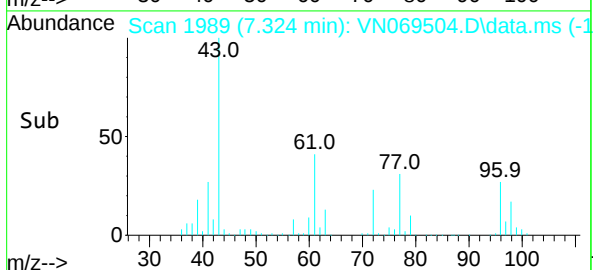
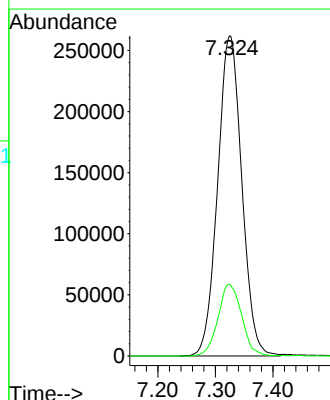
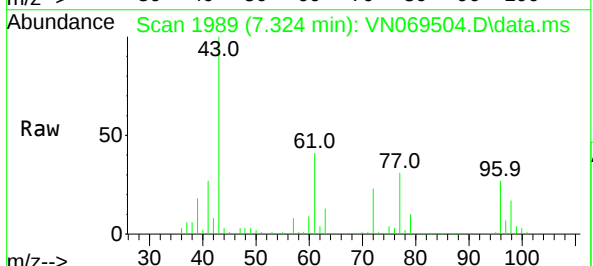
Acq: 16 Nov 2021 11:57

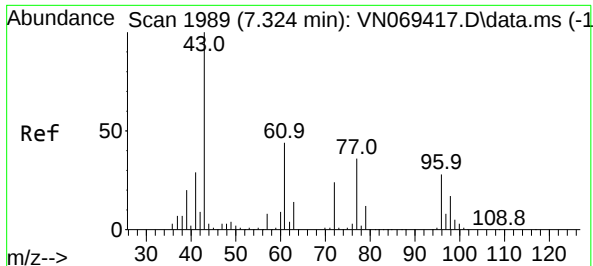
Tgt Ion: 77 Resp: 765120

Ion Ratio Lower Upper

77 100

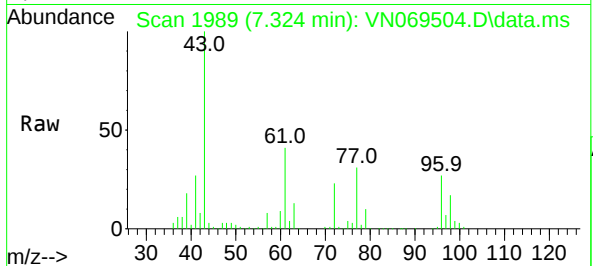
97 21.9 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.152 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN069504.D
 Acq: 16 Nov 2021 11:57

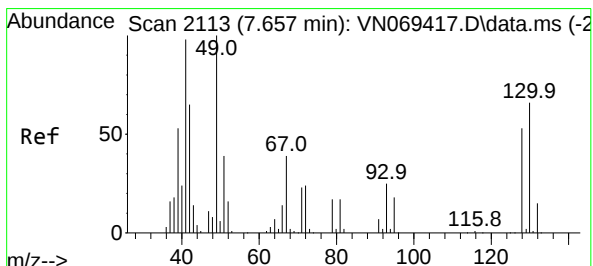
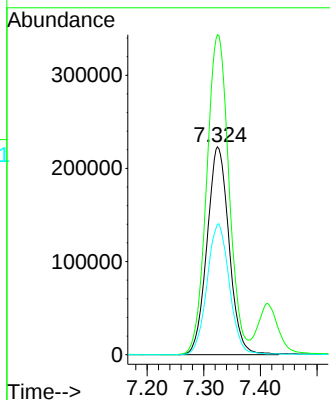
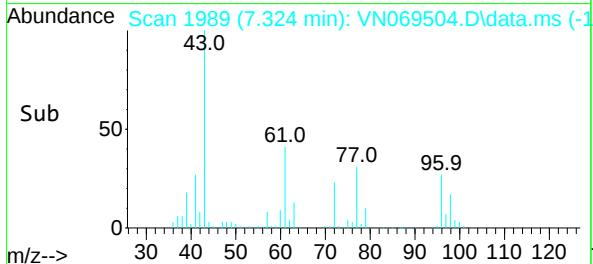
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 603010
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 275.0
 98 63.7 0.0 129.6

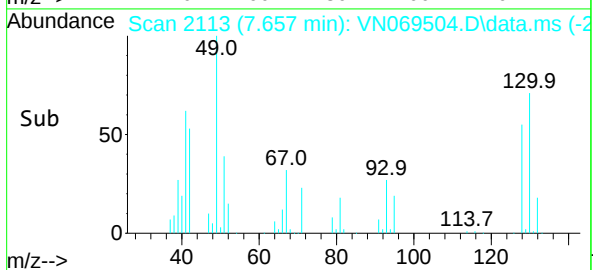
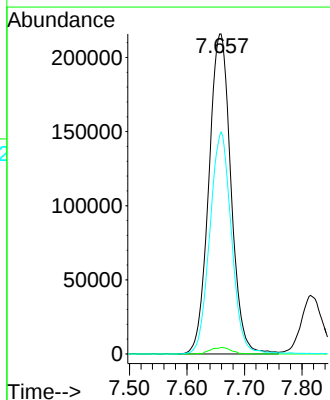
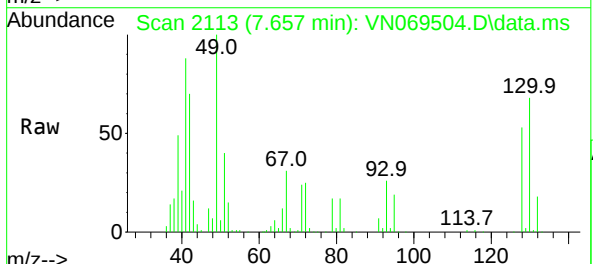
Manual Integrations
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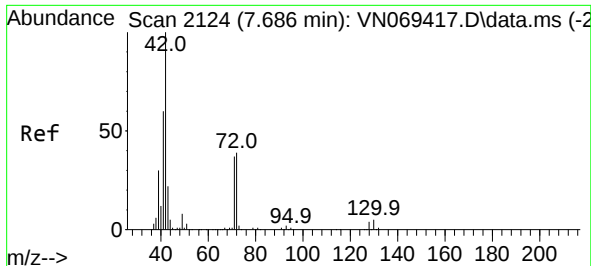
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 54.459 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN069504.D
 Acq: 16 Nov 2021 11:57

Tgt Ion: 49 Resp: 575997
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 67.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 246.760 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1685110

Ion Ratio Lower Upper

42 100

72 38.5 36.3 54.5

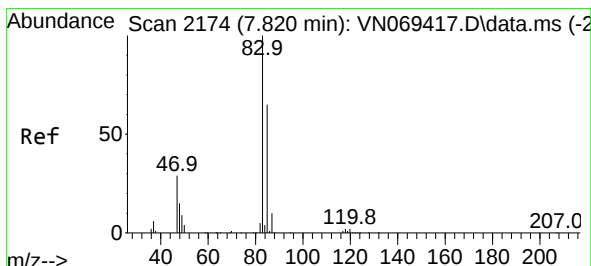
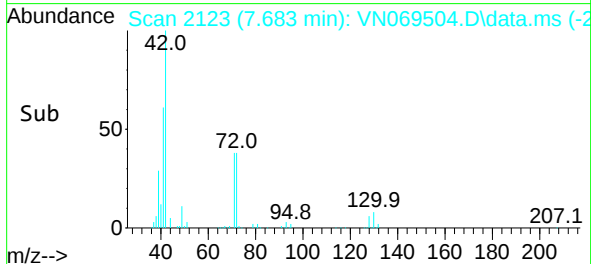
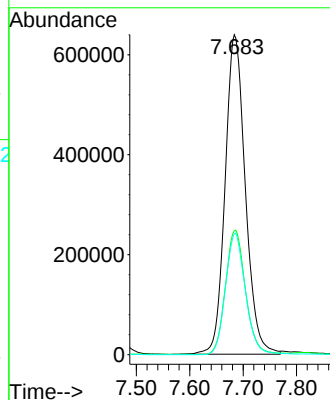
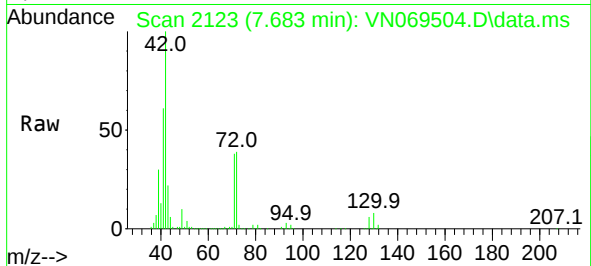
71 37.6 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 50.933 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069504.D

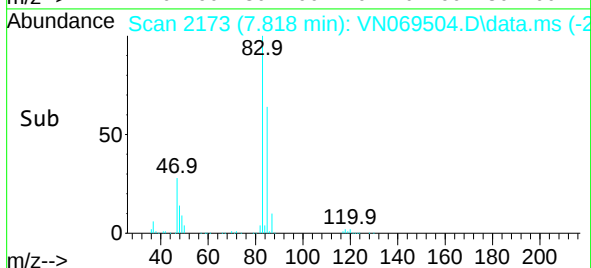
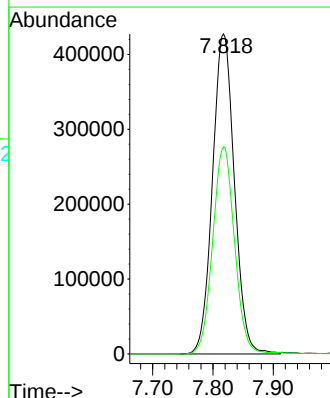
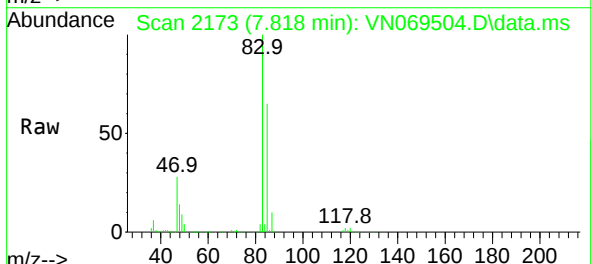
Acq: 16 Nov 2021 11:57

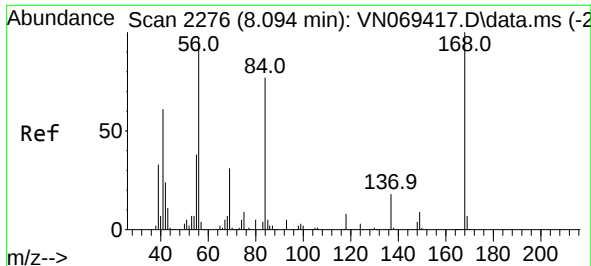
Tgt Ion: 83 Resp: 1078435

Ion Ratio Lower Upper

83 100

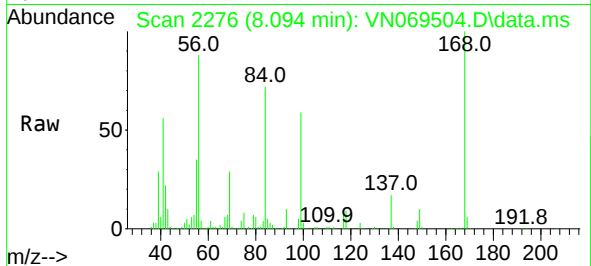
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 40.977 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

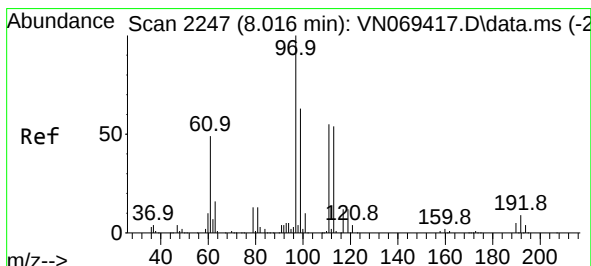
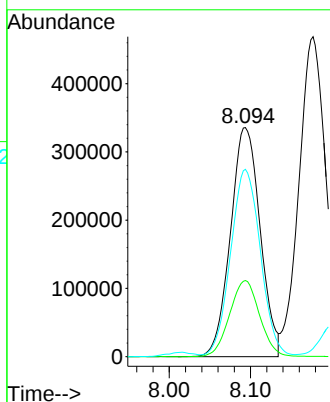
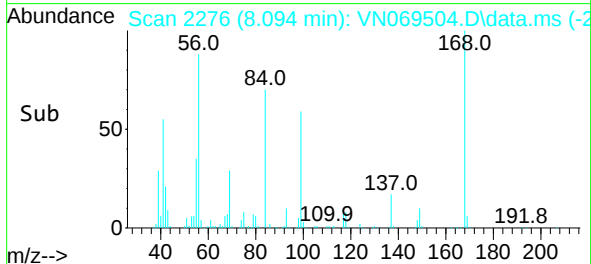
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



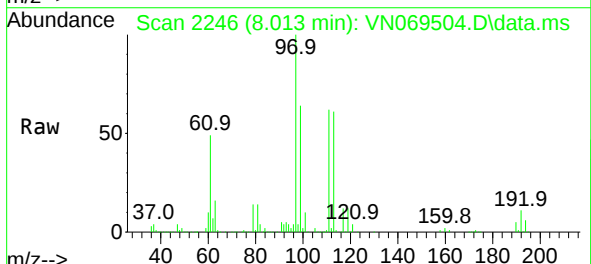
Tgt Ion: 56 Resp: 85269
Ion Ratio Lower Upper
56 100
69 33.2 27.1 40.7
84 80.0 73.4 110.0

Manual Integrations
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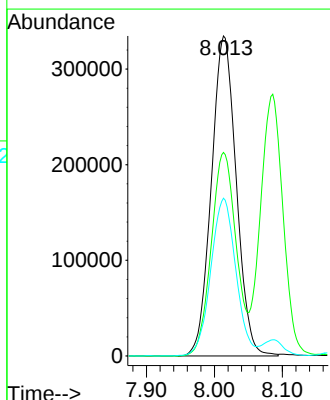
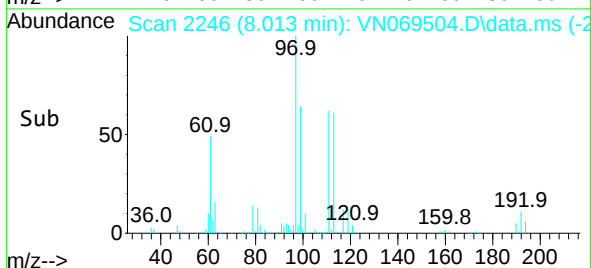
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 48.191 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



Tgt Ion: 97 Resp: 851718
Ion Ratio Lower Upper
97 100
99 63.9 50.1 75.1
61 49.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.894 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 77518

Ion Ratio Lower Upper

65 100

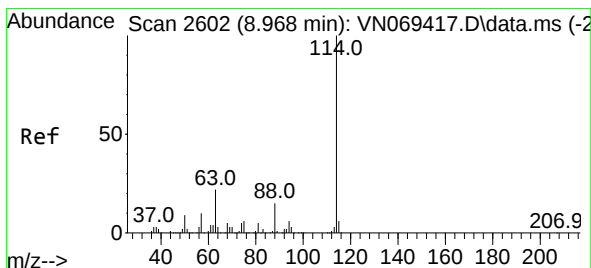
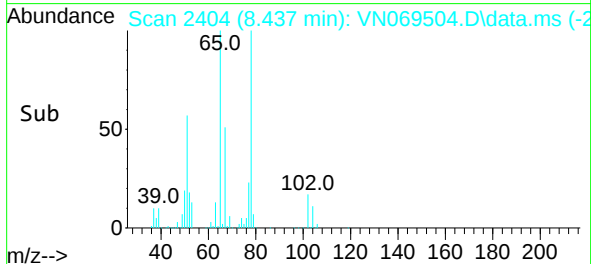
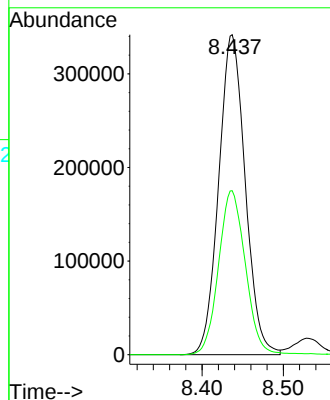
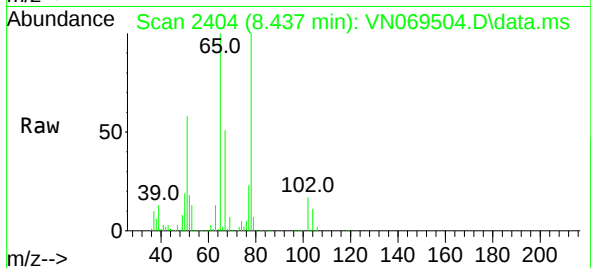
67 51.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

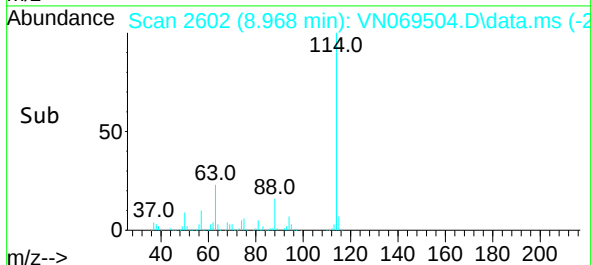
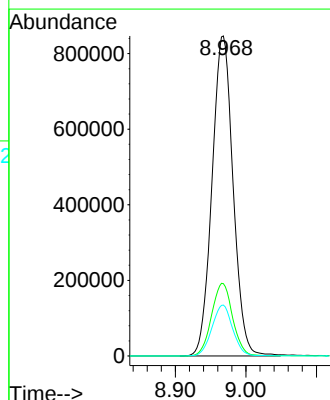
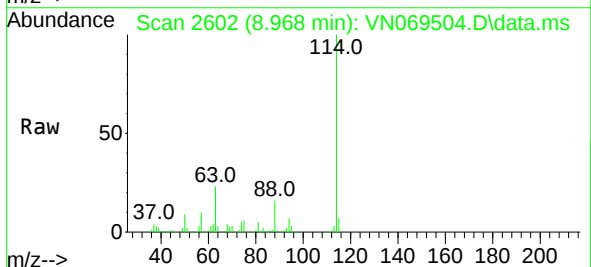
Tgt Ion:114 Resp: 1756681

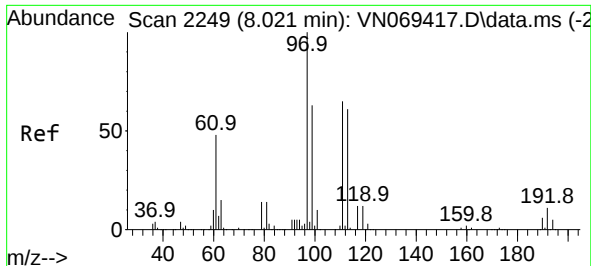
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 15.9 0.0 27.4





#35

Dibromofluoromethane

Concen: 52.323 ug/l

RT: 8.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 55126

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

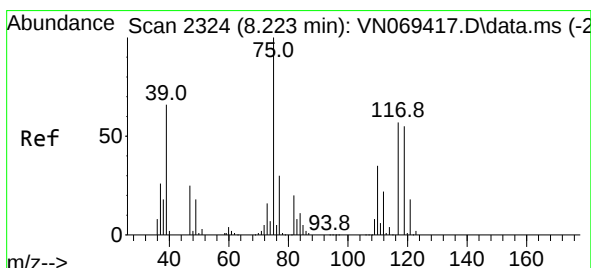
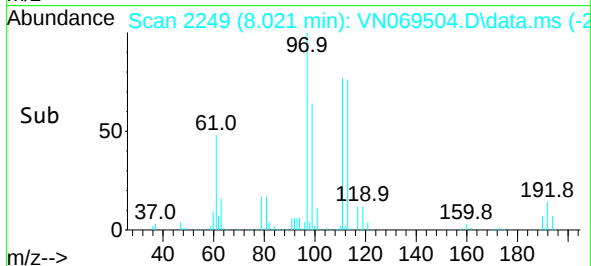
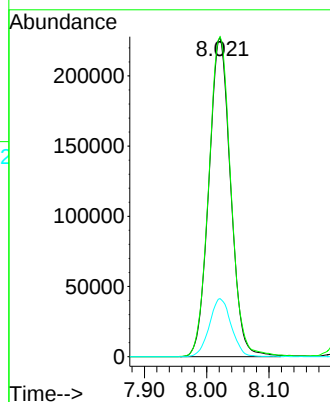
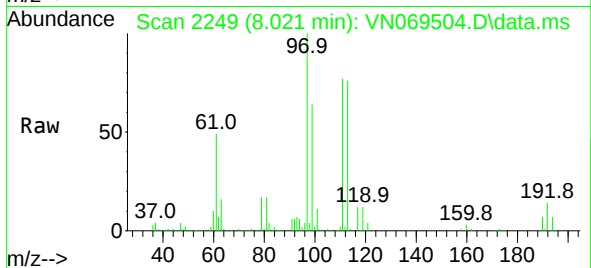
192 18.3 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#36

1,1-Dichloropropene

Concen: 47.537 ug/l

RT: 8.220 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

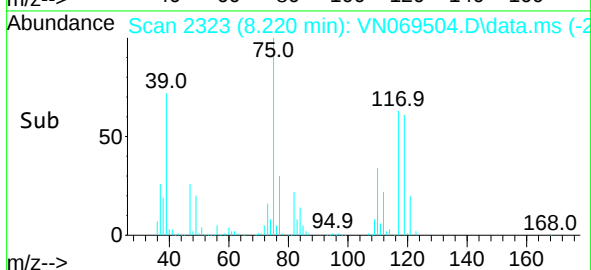
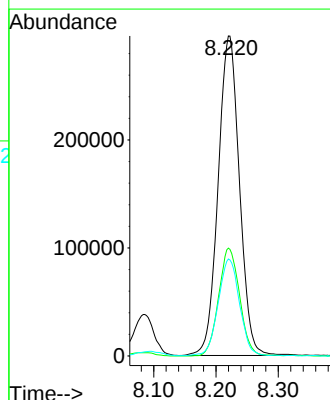
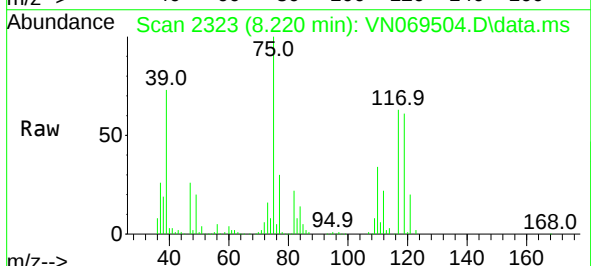
Tgt Ion: 75 Resp: 702660

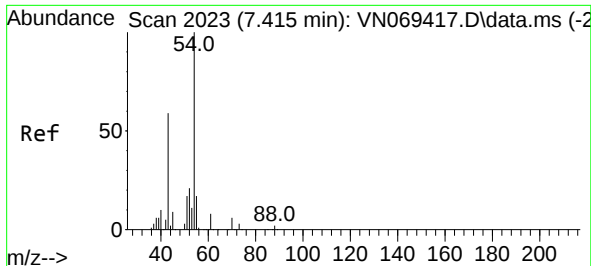
Ion Ratio Lower Upper

75 100

110 33.4 18.4 55.2

77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 51.774 ug/l

RT: 7.413 min Scan# 20

Delta R.T. -0.002 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1034500

Ion Ratio Lower Upper

43 100

61 12.7 11.5 17.3

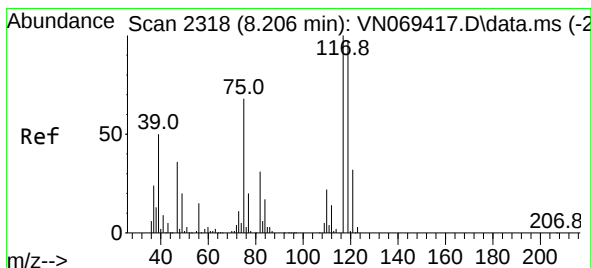
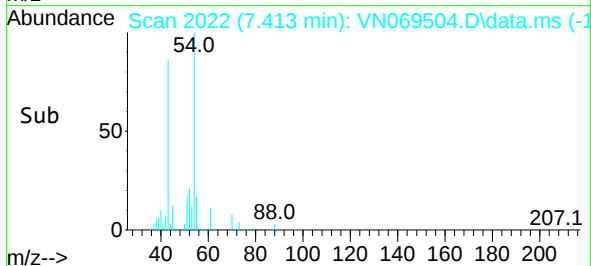
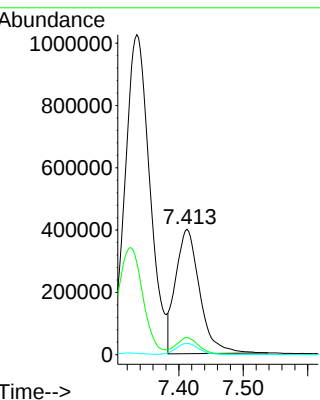
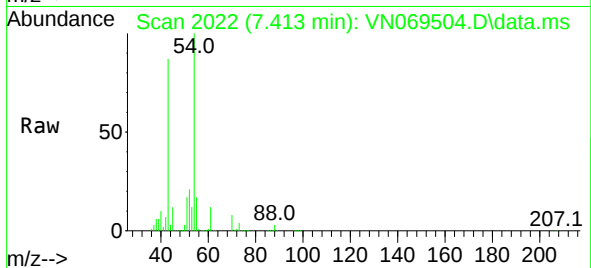
70 8.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#38

Carbon Tetrachloride

Concen: 47.962 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

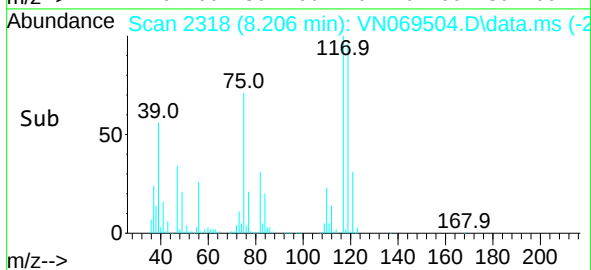
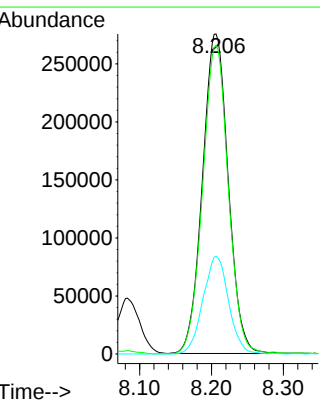
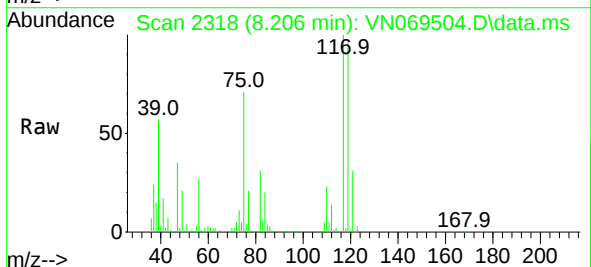
Tgt Ion:117 Resp: 684451

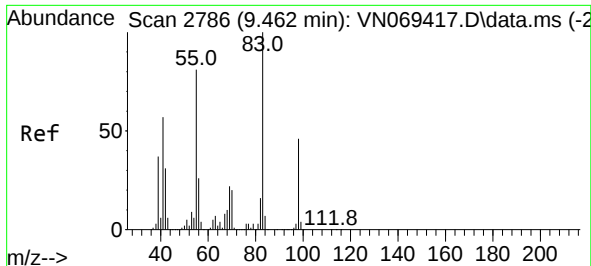
Ion Ratio Lower Upper

117 100

119 96.5 76.1 114.1

121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 45.439 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

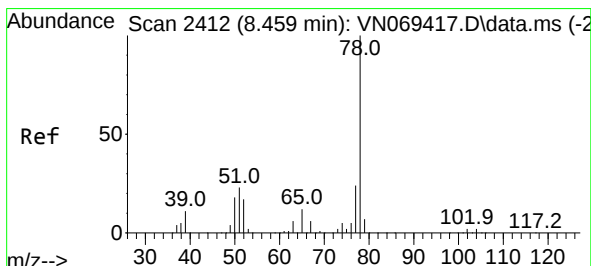
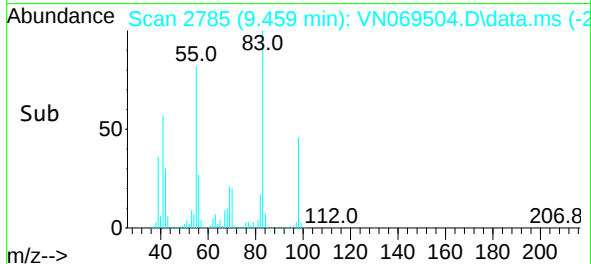
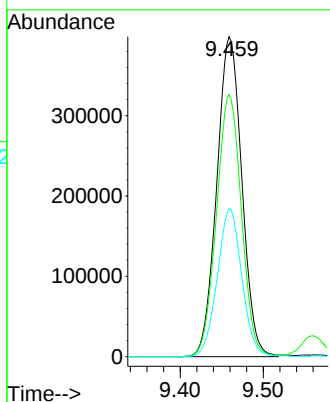
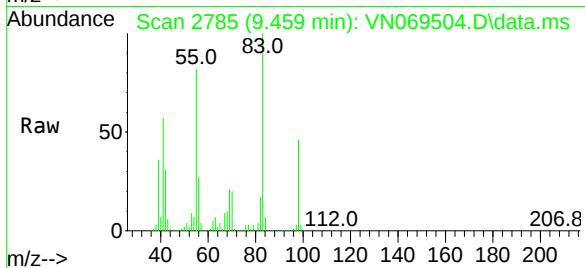
Tgt Ion:	83	Resp:	83552
Ion Ratio	Lower	Upper	
83	100		
55	81.9	58.1	87.1
98	46.3	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 49.523 ug/l

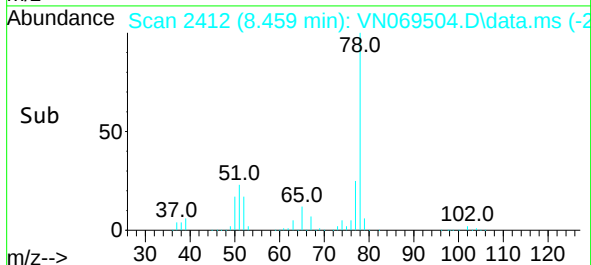
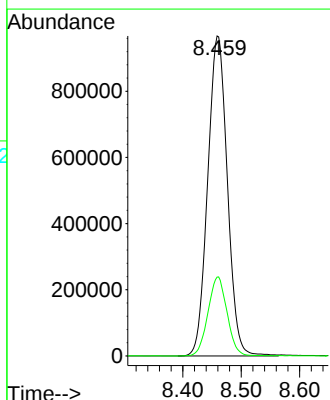
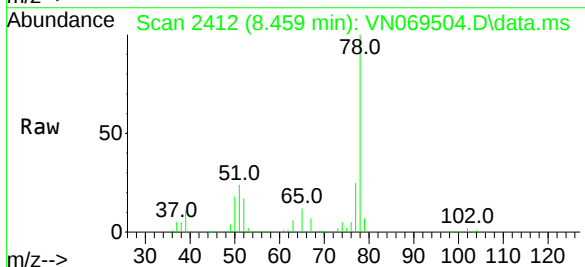
RT: 8.459 min Scan# 2412

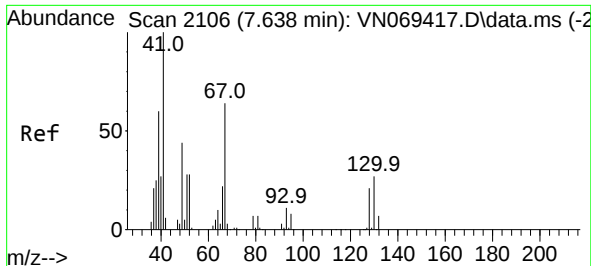
Delta R.T. -0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

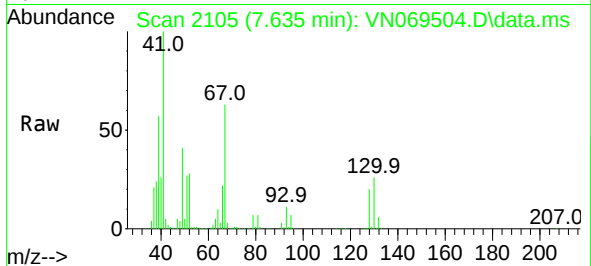
Tgt Ion:	78	Resp:	2259474
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.6	27.8





#41
Methacrylonitrile
Concen: 51.471 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

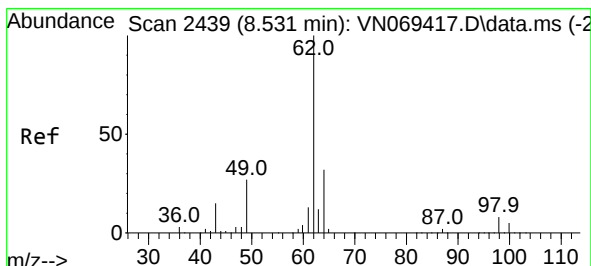
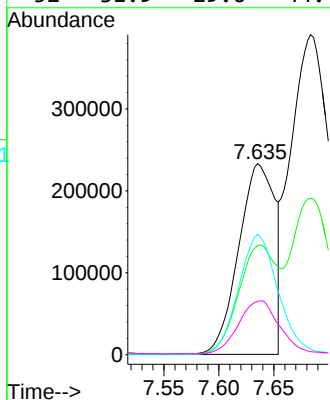
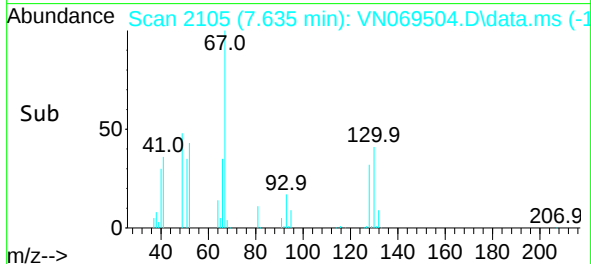
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 531412
Ion Ratio Lower Upper
41 100
39 60.6 48.1 72.1
67 70.2 68.3 102.5
52 31.9 29.6 44.4

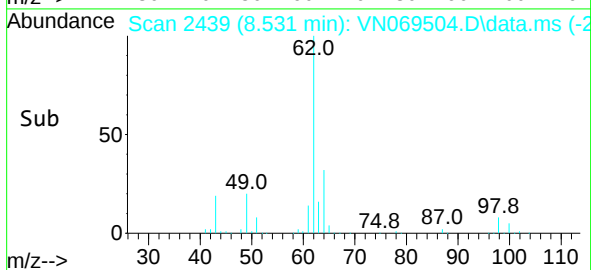
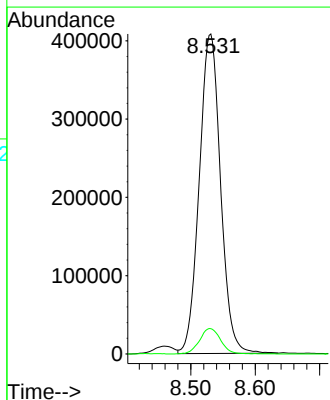
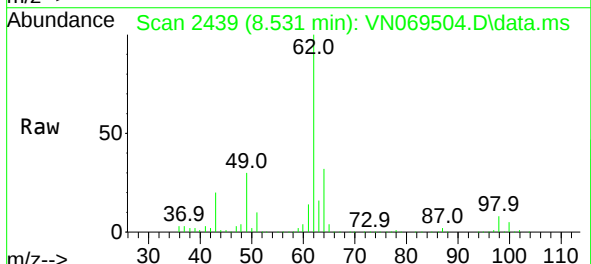
Manual Integrations
APPROVED

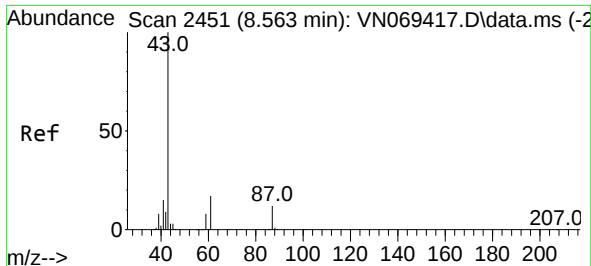
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 52.413 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

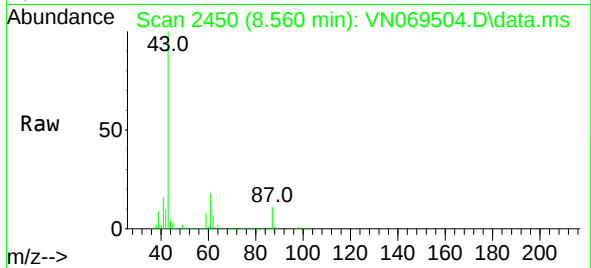
Tgt Ion: 62 Resp: 936359
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.022 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

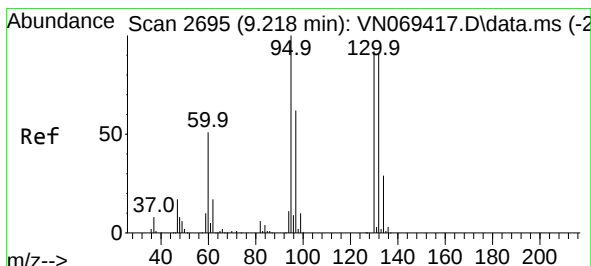
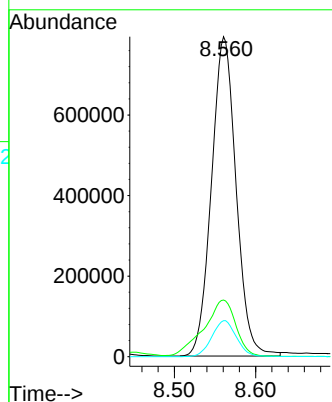
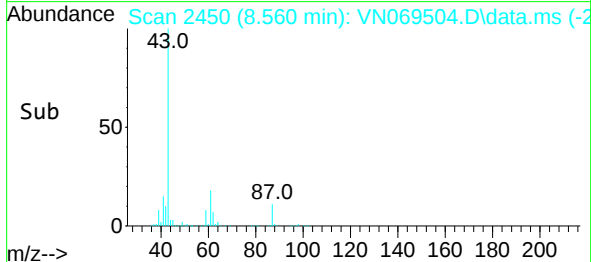
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1669594
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 11.4 11.2 16.8

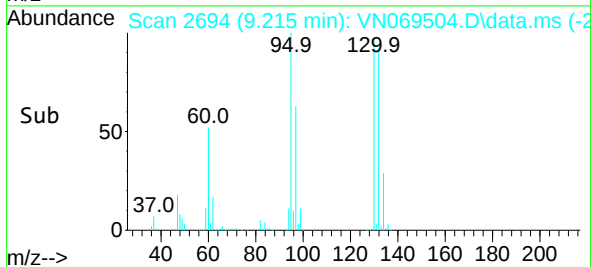
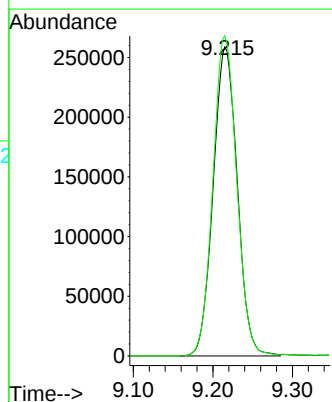
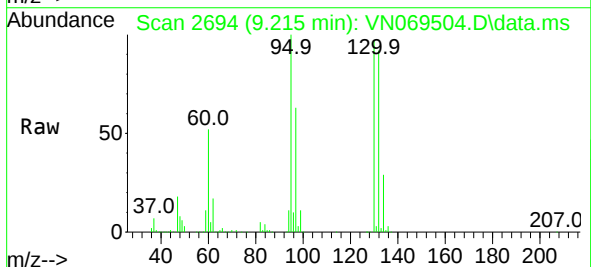
Manual Integrations
APPROVED

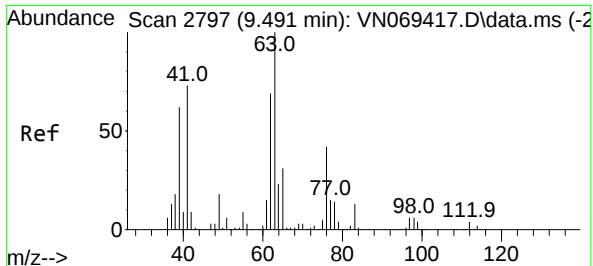
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 49.862 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Tgt Ion:130 Resp: 544458
Ion Ratio Lower Upper
130 100
95 103.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.715 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 642580

Ion Ratio Lower Upper

63 100

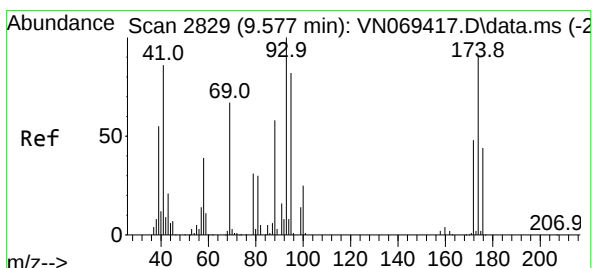
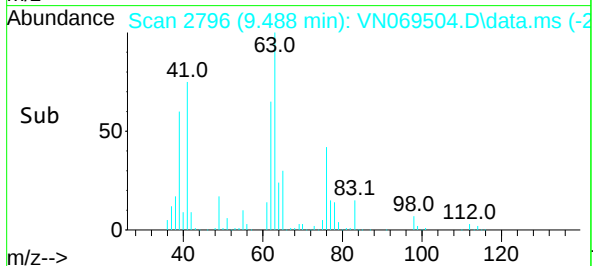
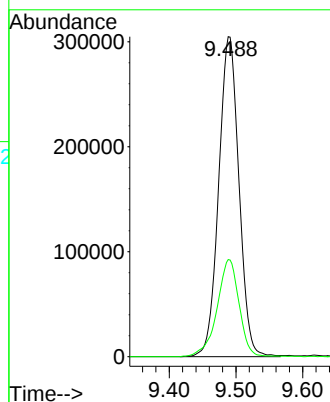
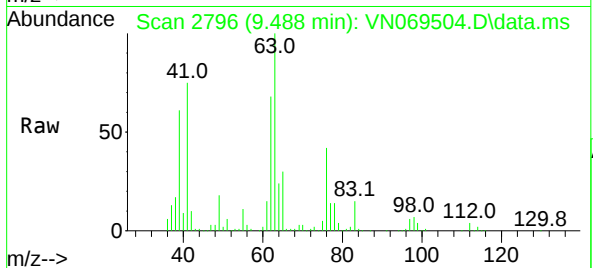
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 51.937 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

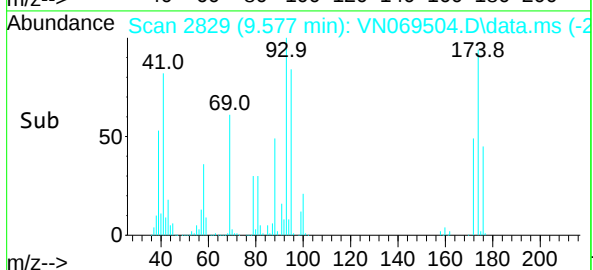
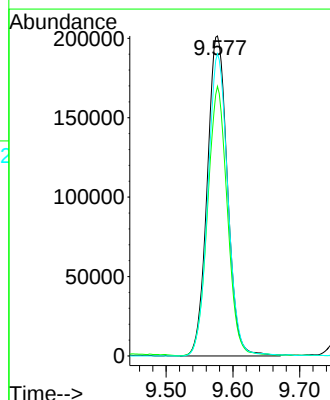
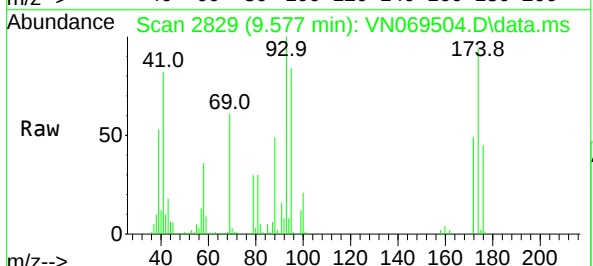
Tgt Ion: 93 Resp: 424050

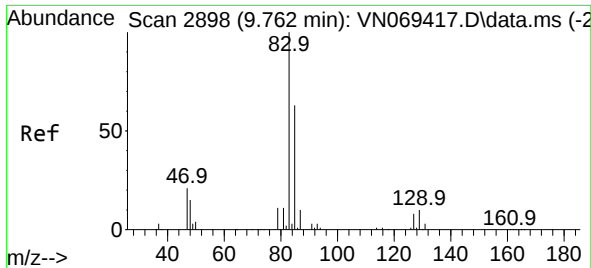
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

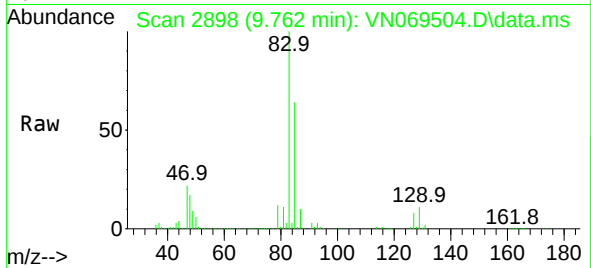
174 92.8 84.6 127.0





#47
Bromodichloromethane
Concen: 54.080 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

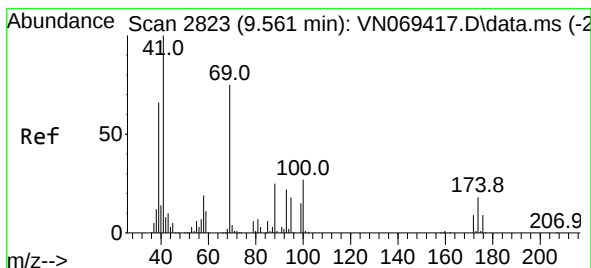
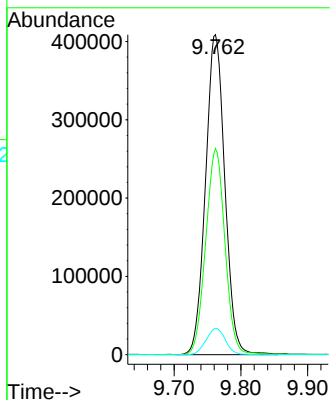
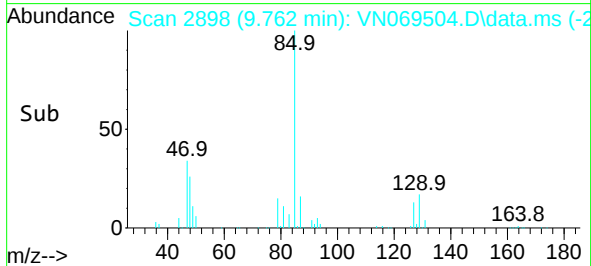
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 82395
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 8.3 7.1 10.7

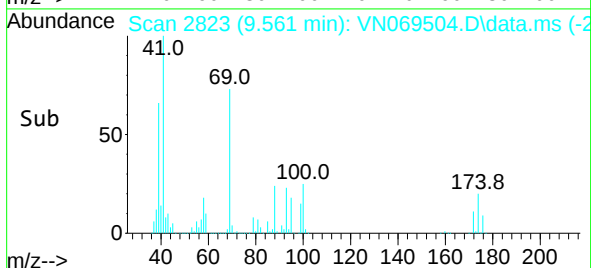
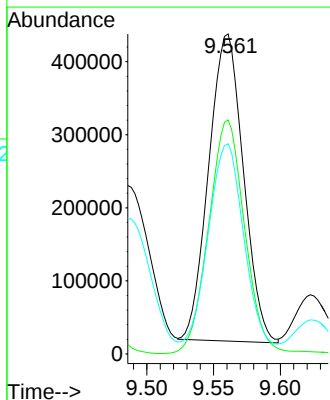
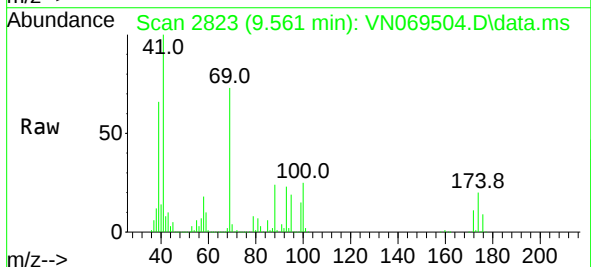
Manual Integrations
APPROVED

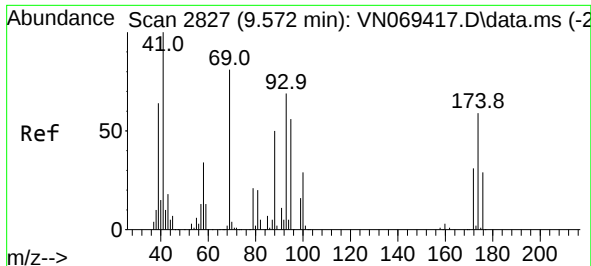
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 50.208 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 41 Resp: 758120
Ion Ratio Lower Upper
41 100
69 79.3 72.4 108.6
39 72.2 58.4 87.6





#49

1,4-Dioxane

Concen: 878.634 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 261440

Ion Ratio Lower Upper

88 100

43 36.6 23.4 35.2

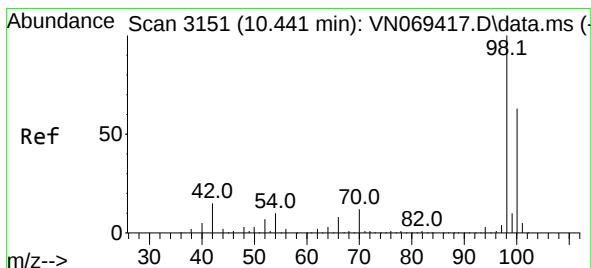
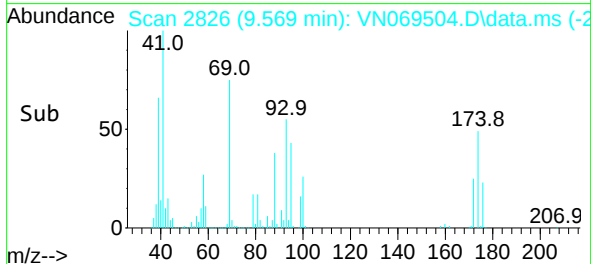
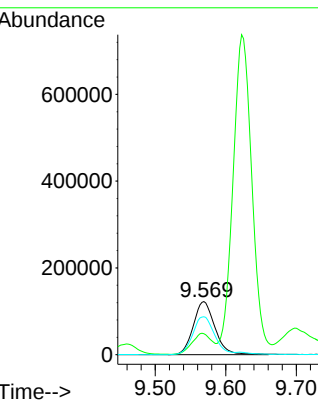
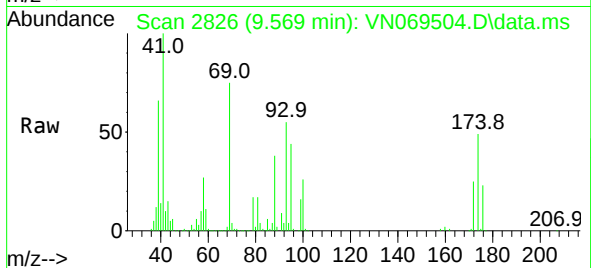
58 71.8 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 50.153 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069504.D

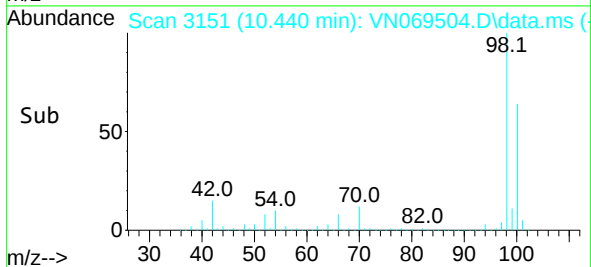
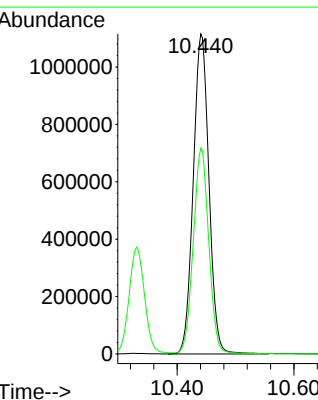
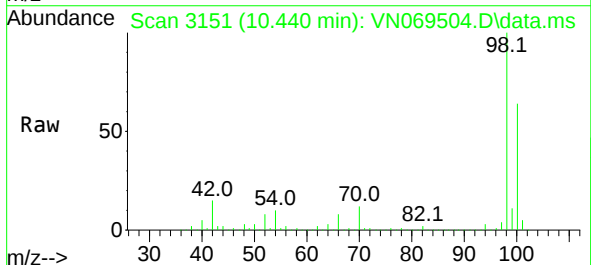
Acq: 16 Nov 2021 11:57

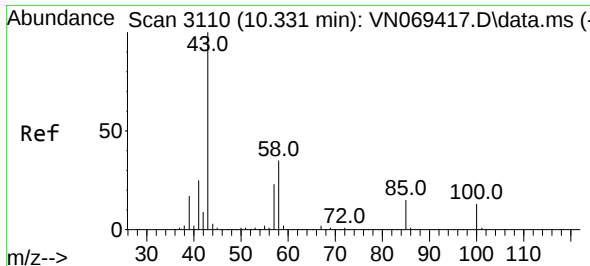
Tgt Ion: 98 Resp: 2078186

Ion Ratio Lower Upper

98 100

100 63.6 50.4 75.6





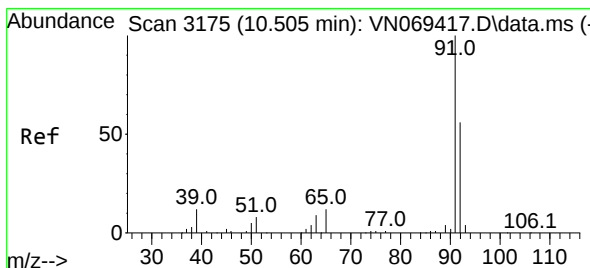
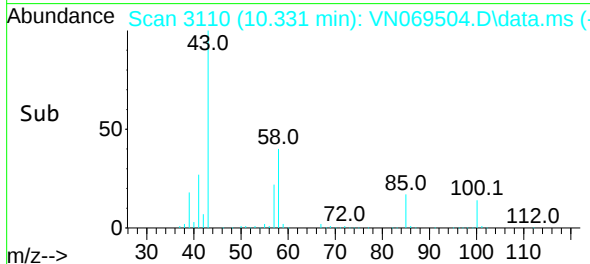
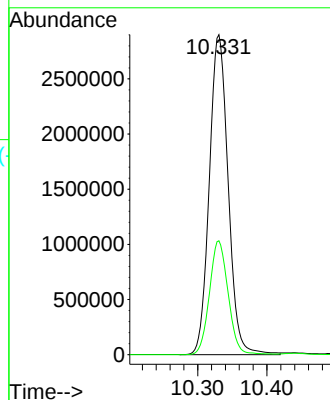
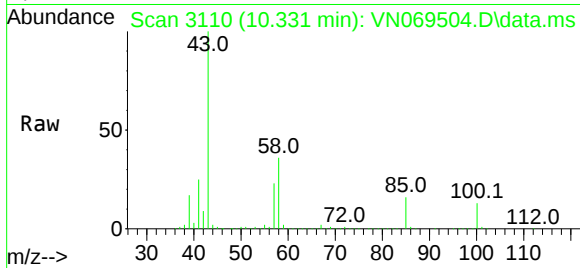
#51
4-Methyl-2-Pentanone
Concen: 264.514 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5479640
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

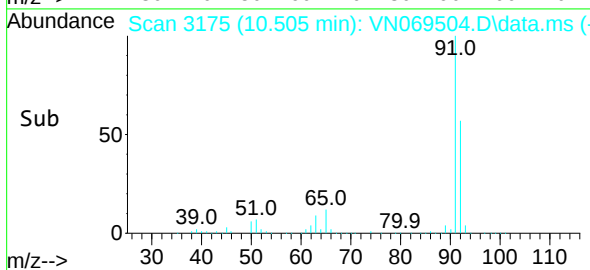
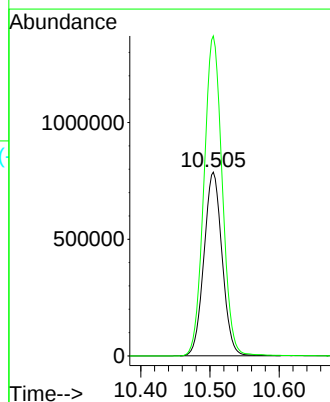
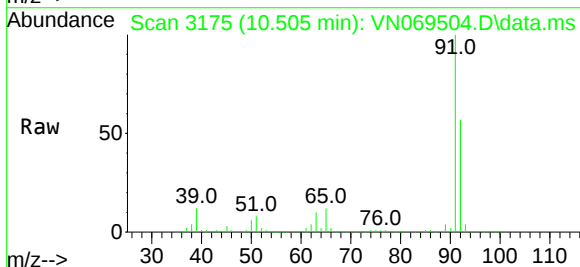
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 50.451 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

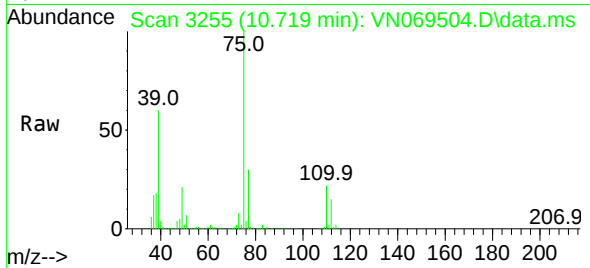
Tgt Ion: 92 Resp: 1434011
Ion Ratio Lower Upper
92 100
91 175.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.052 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

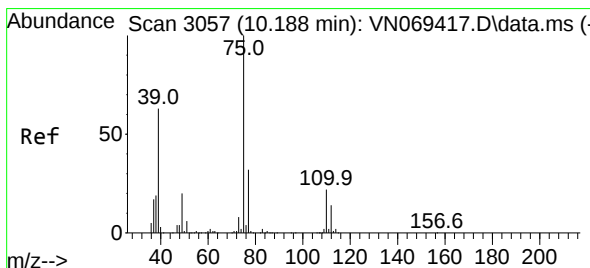
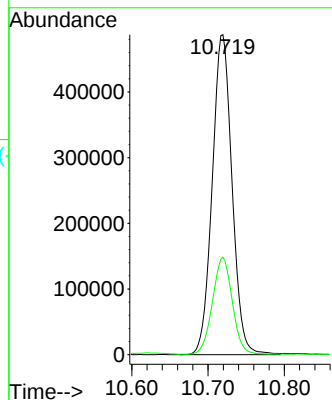
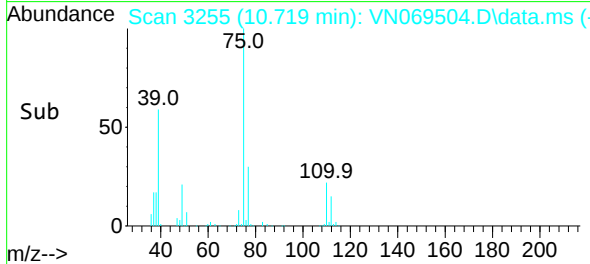
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



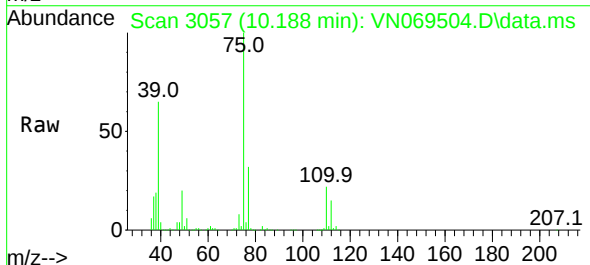
Tgt Ion: 75 Resp: 878352
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

Manual Integrations
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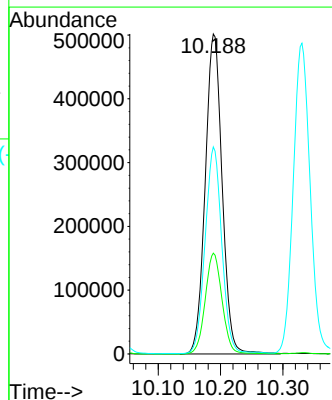
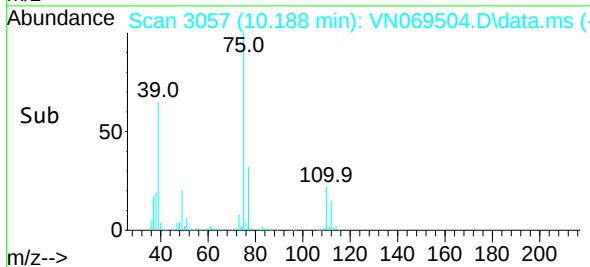
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

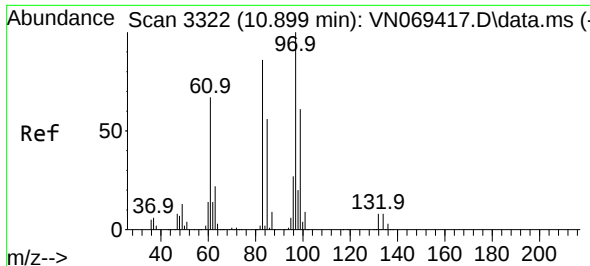


#54
cis-1,3-Dichloropropene
Concen: 48.031 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



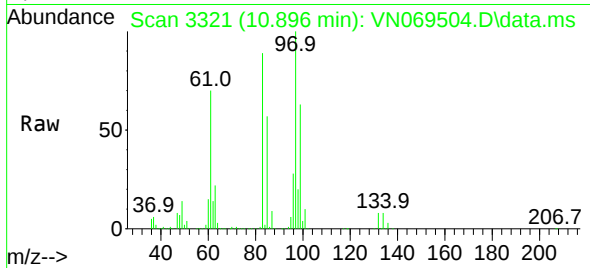
Tgt Ion: 75 Resp: 946757
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 64.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 54.415 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

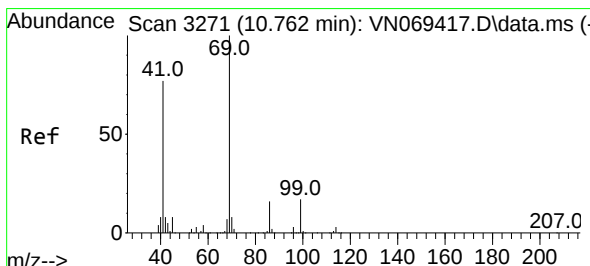
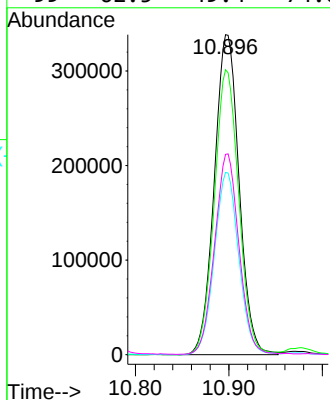
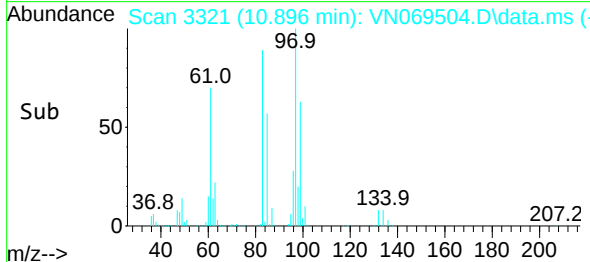
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



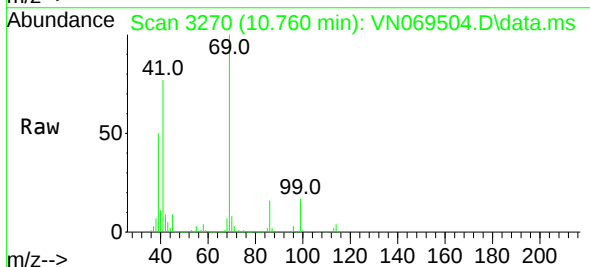
Tgt Ion:	97	Resp:	62347
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.8	101.6
85	57.0	45.4	68.2
99	62.5	49.4	74.0

Manual Integrations
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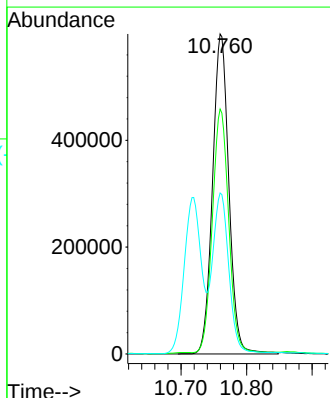
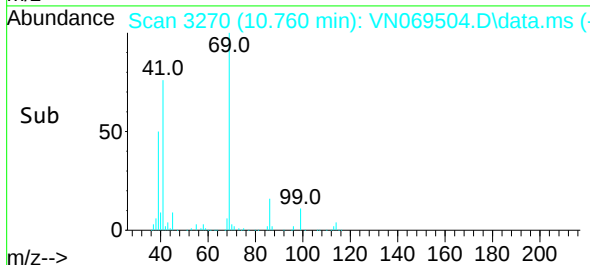
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 48.026 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



Tgt Ion:	69	Resp:	1035168
Ion	Ratio	Lower	Upper
69	100		
41	75.9	51.4	77.0
39	48.4	34.6	52.0





#57

1,3-Dichloropropane

Concen: 52.982 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 106672

Ion Ratio Lower Upper

76 100

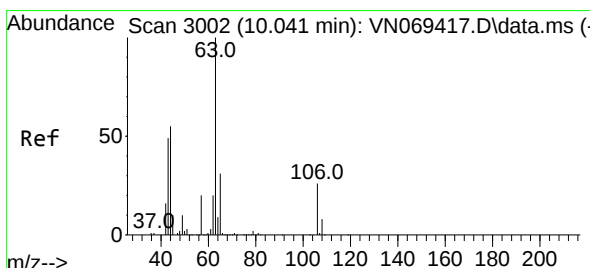
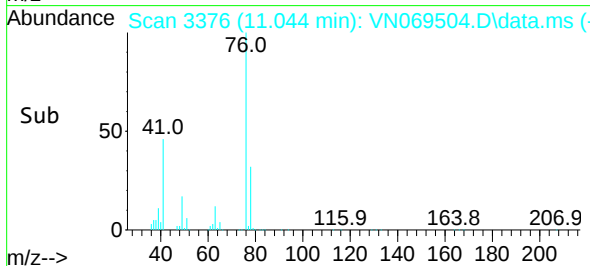
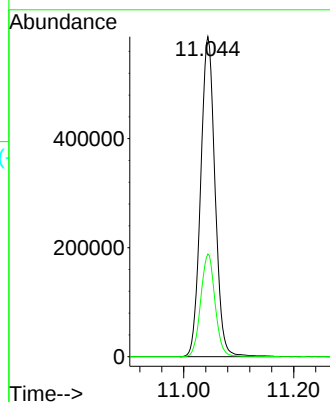
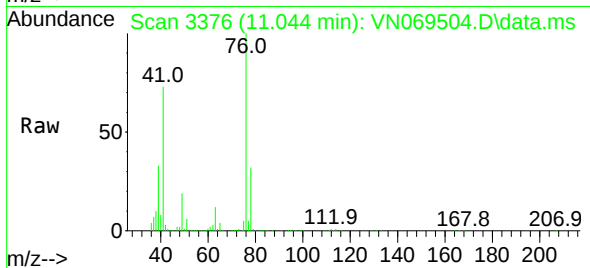
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 209.361 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069504.D

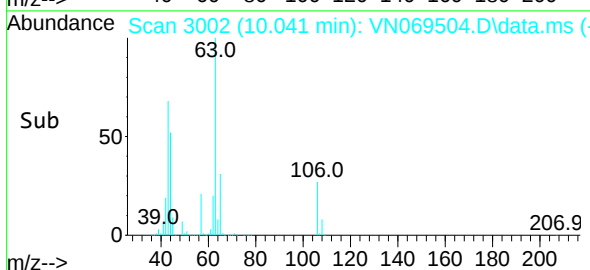
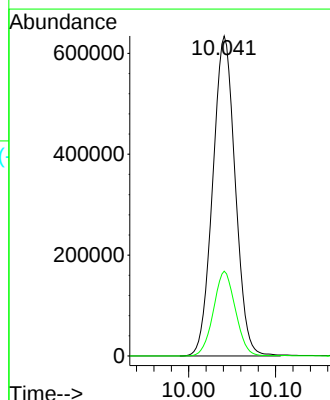
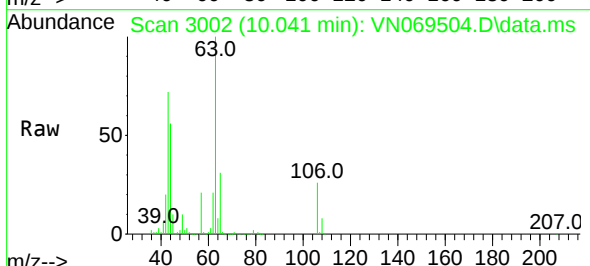
Acq: 16 Nov 2021 11:57

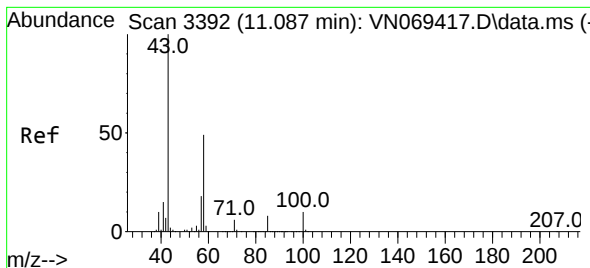
Tgt Ion: 63 Resp: 1139770

Ion Ratio Lower Upper

63 100

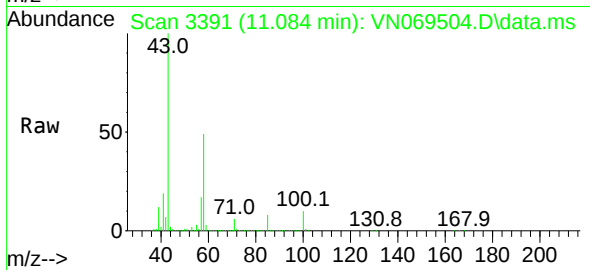
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 227.396 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

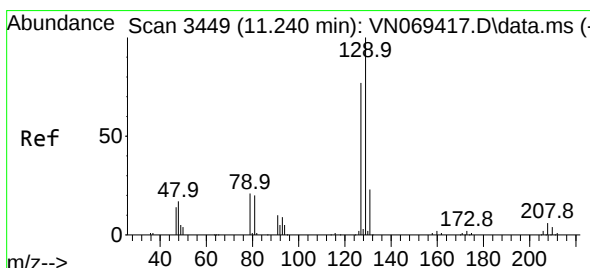
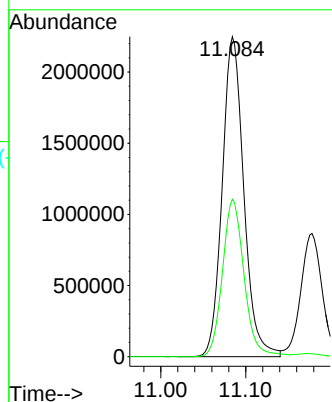
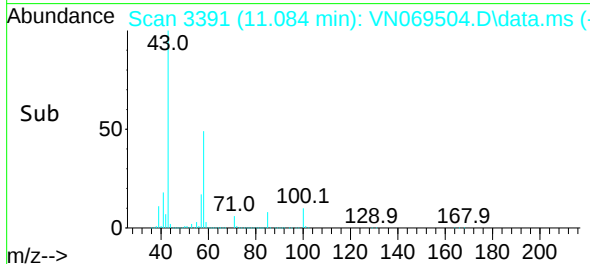
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 3964479
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

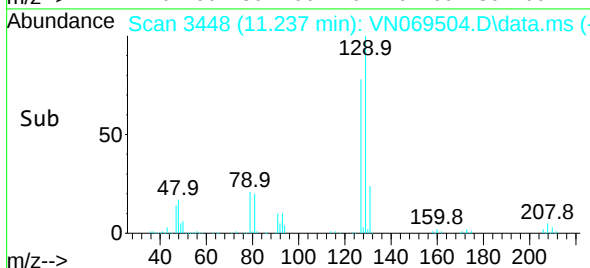
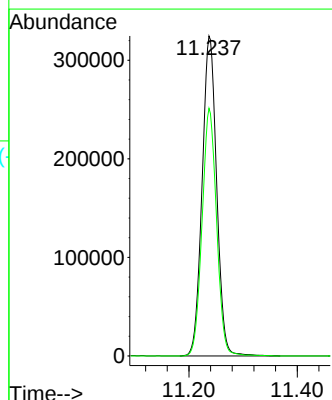
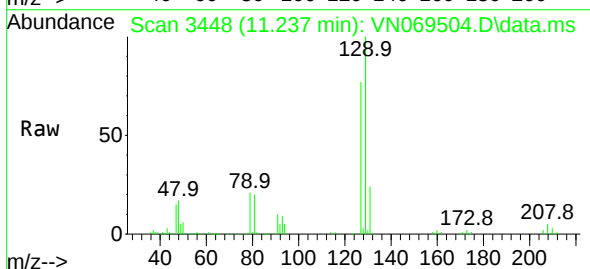
Manual Integrations
APPROVED

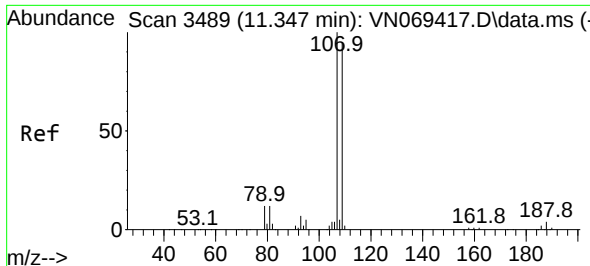
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 48.197 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

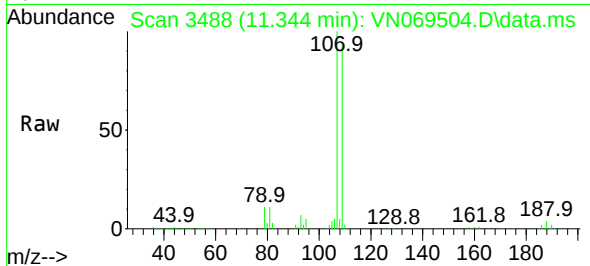
Tgt Ion:129 Resp: 604963
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.330 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

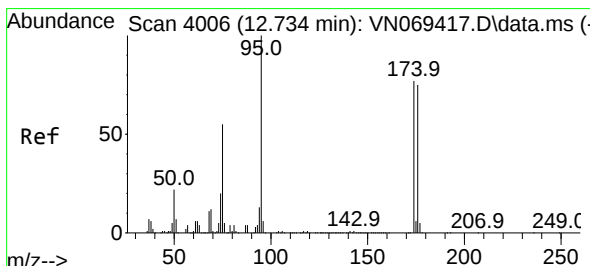
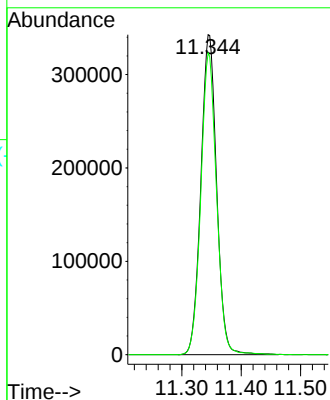
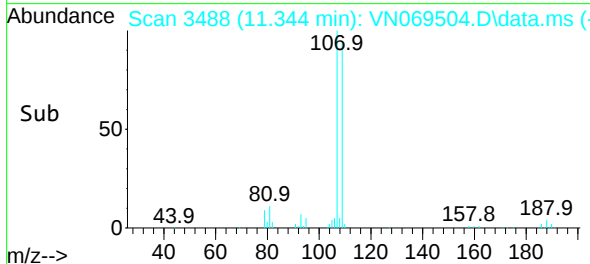
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 630680
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

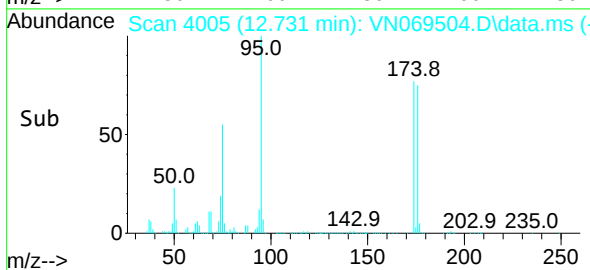
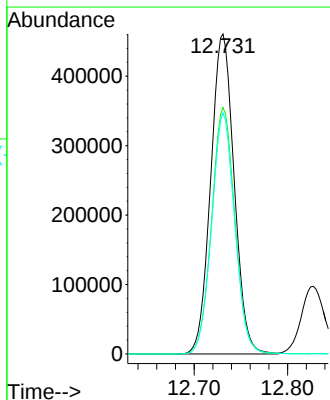
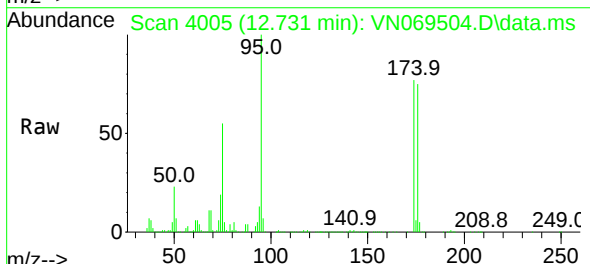
Manual Integrations
APPROVED

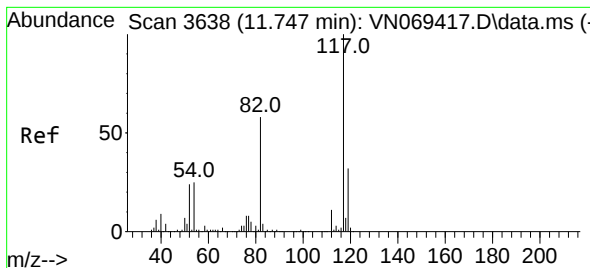
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 52.674 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 95 Resp: 801833
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.4 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: VN069504.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 170230

Ion Ratio Lower Upper

117 100

82 57.4 42.4 63.6

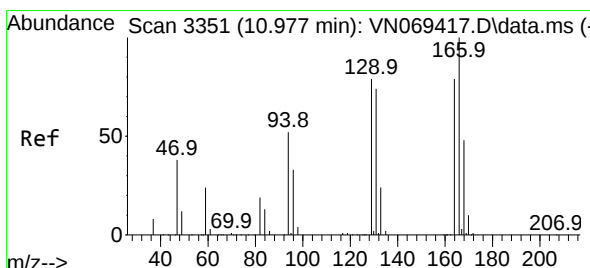
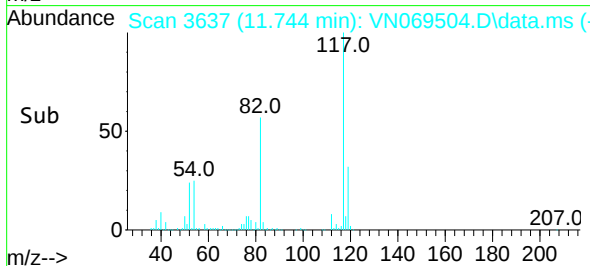
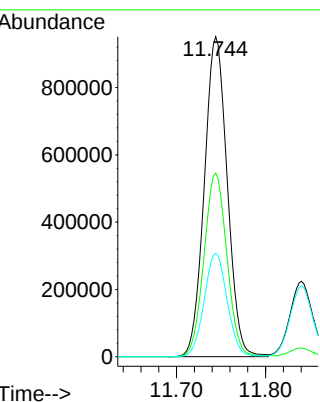
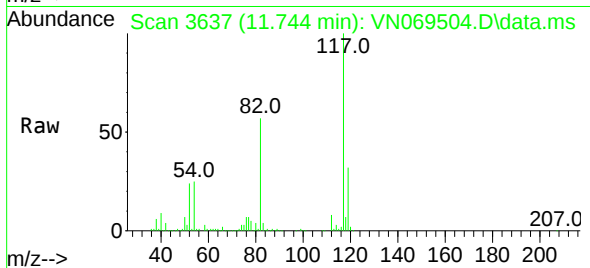
119 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#64

Tetrachloroethene

Concen: 47.514 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN069504.D

Acq: 16 Nov 2021 11:57

Tgt Ion:164 Resp: 488383

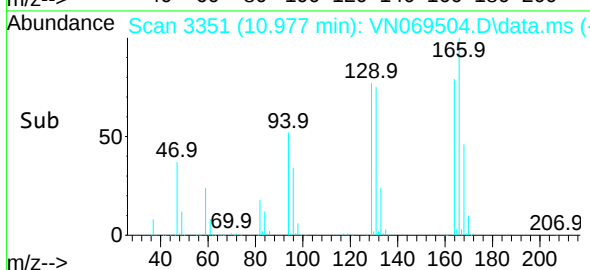
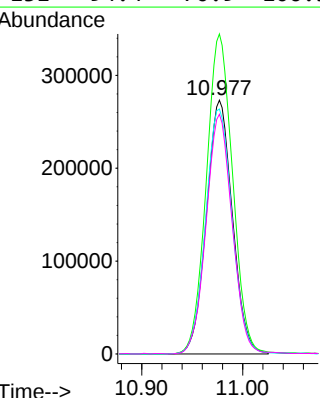
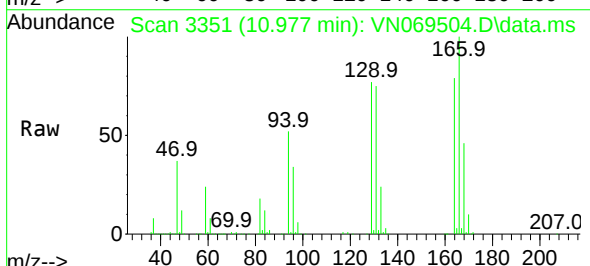
Ion Ratio Lower Upper

164 100

166 126.1 101.9 152.9

129 96.5 72.0 108.0

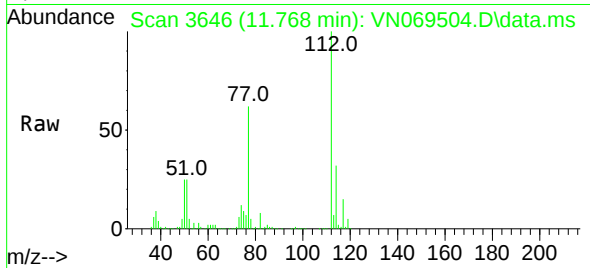
131 94.4 70.9 106.3





#65
Chlorobenzene
Concen: 50.210 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

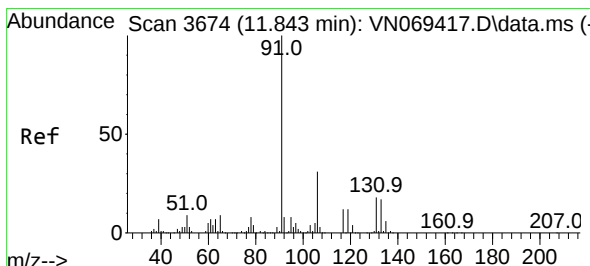
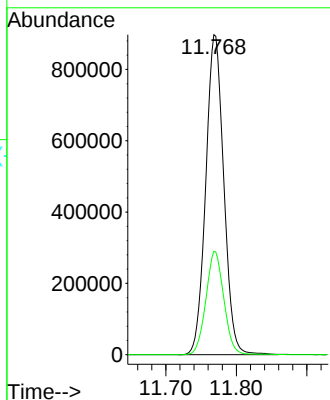
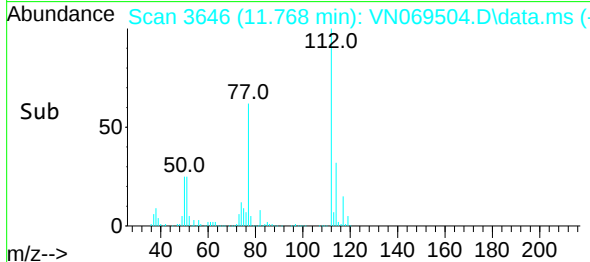
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



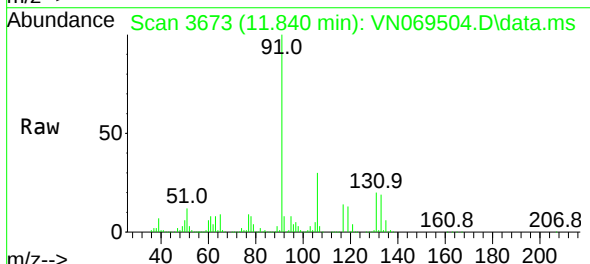
Tgt Ion:112 Resp: 159095
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
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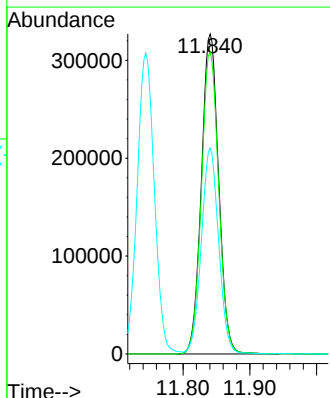
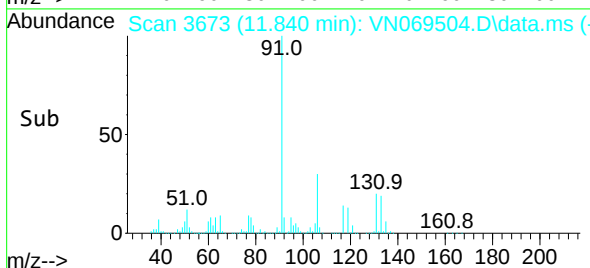
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

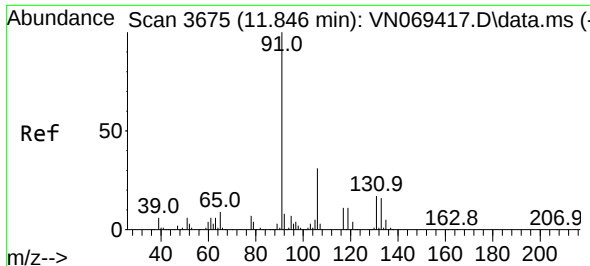


#66
1,1,1,2-Tetrachloroethane
Concen: 53.341 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



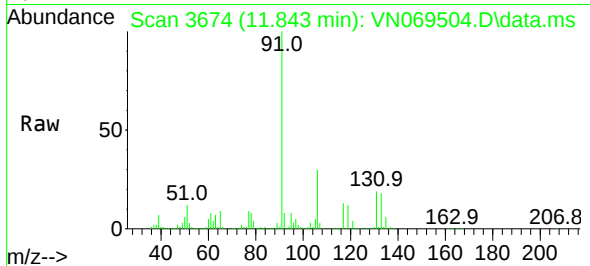
Tgt Ion:131 Resp: 586236
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.7 32.1 96.5





#67
Ethyl Benzene
Concen: 49.240 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

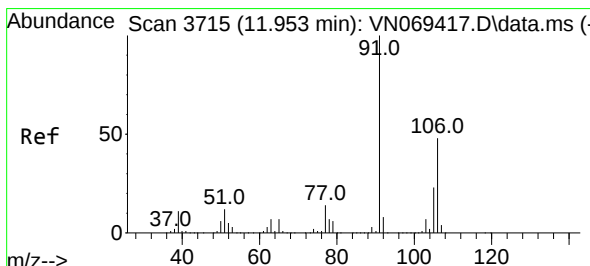
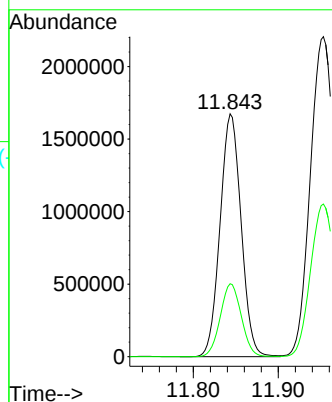
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2877512
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

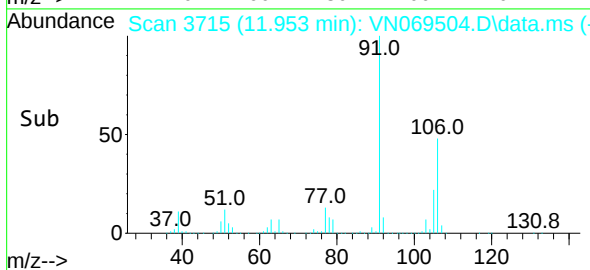
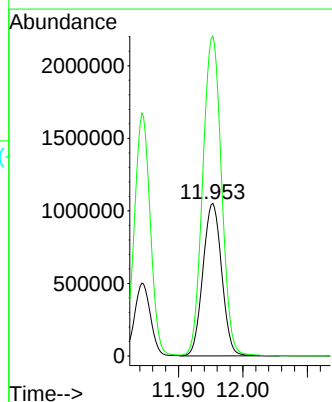
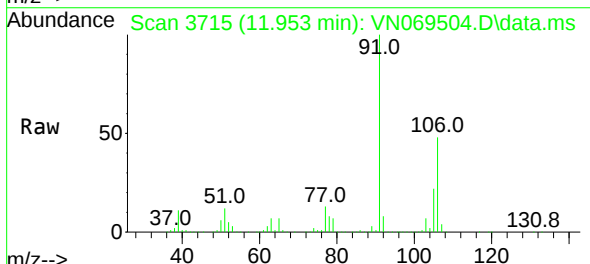
Manual Integrations
APPROVED

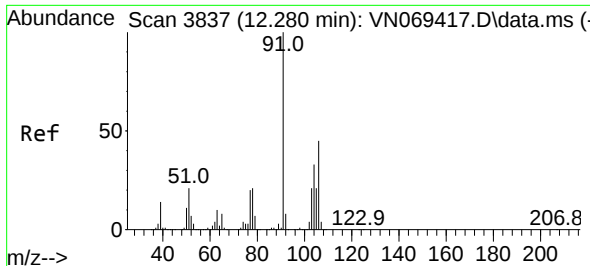
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 98.961 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

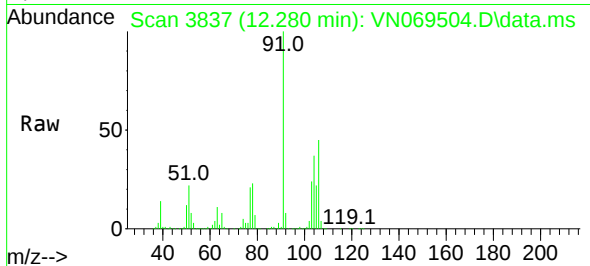
Tgt Ion:106 Resp: 2126973
Ion Ratio Lower Upper
106 100
91 209.9 160.6 240.8





#69
o-Xylene
Concen: 50.508 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

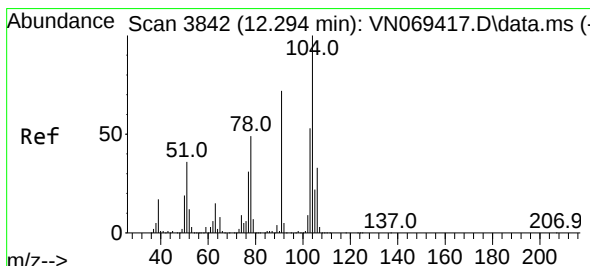
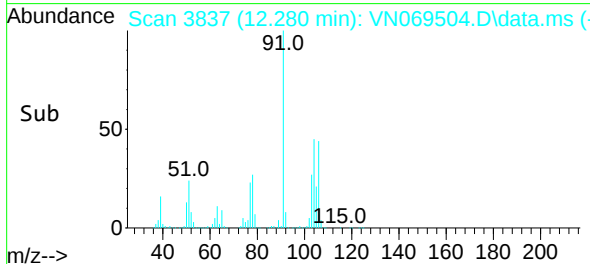
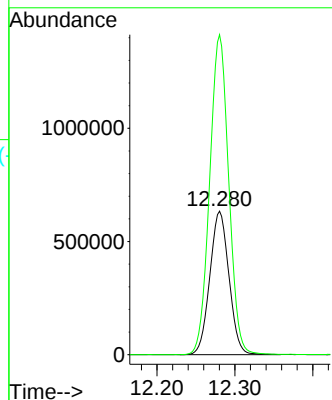
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 1082249
Ion Ratio Lower Upper
106 100
91 222.0 105.8 317.3

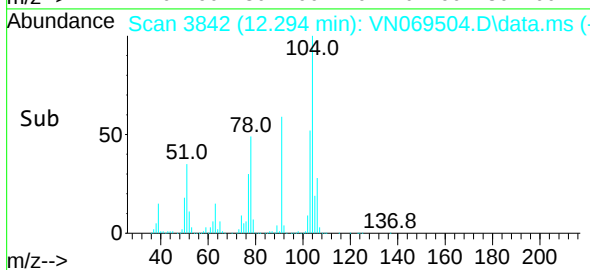
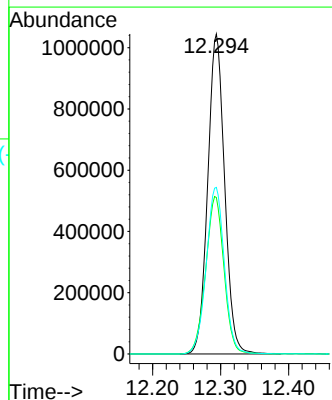
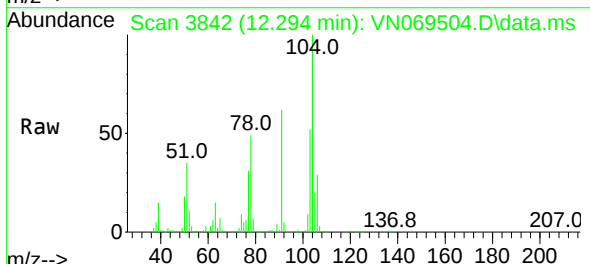
Manual Integrations
APPROVED

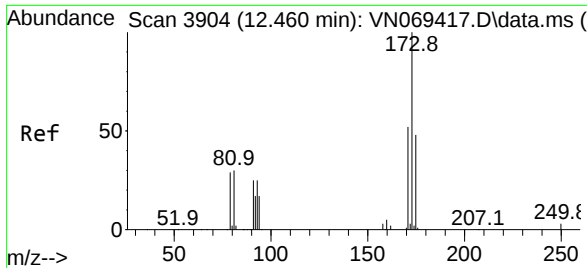
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 46.995 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Tgt Ion:104 Resp: 1804331
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 56.1 45.0 67.6





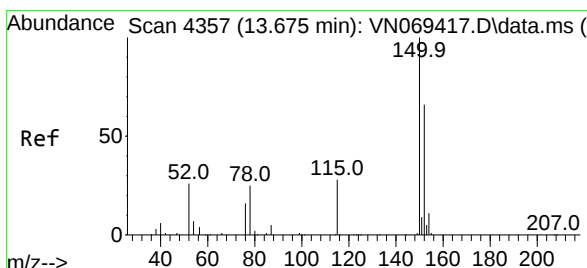
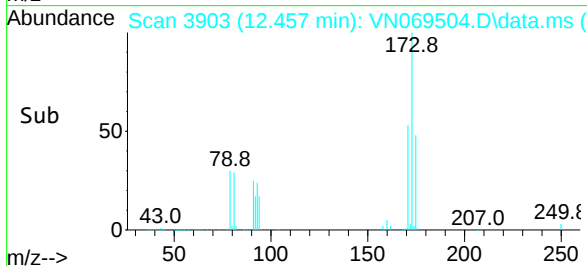
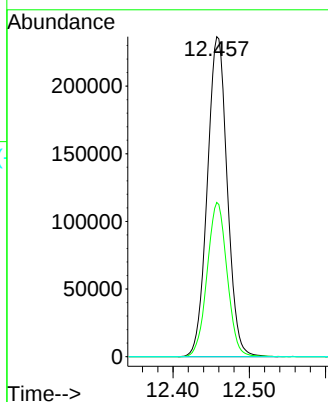
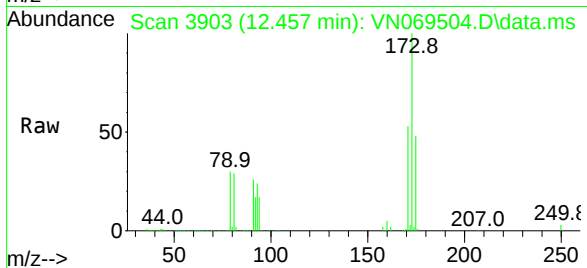
#71
Bromoform
Concen: 45.297 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 42896
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

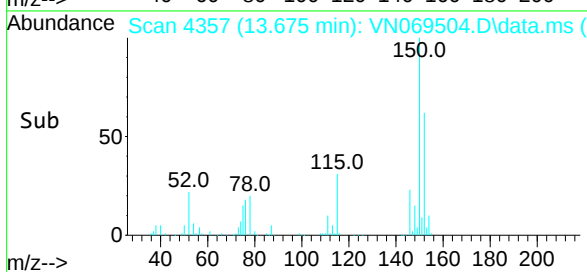
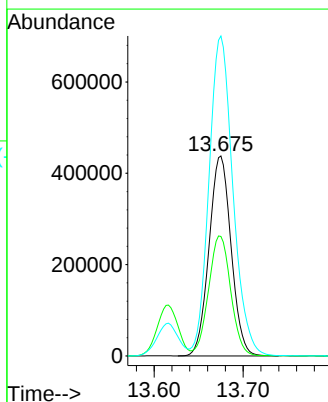
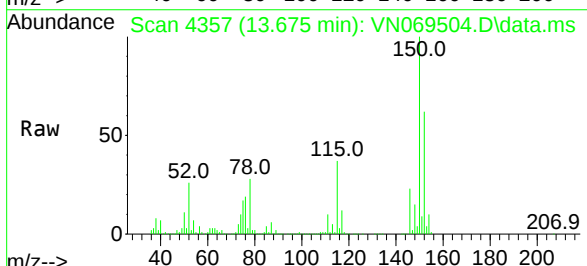
Manual Integrations
APPROVED

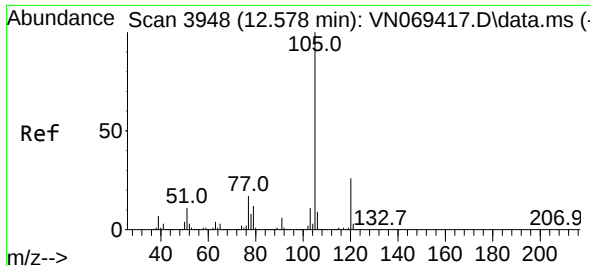
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

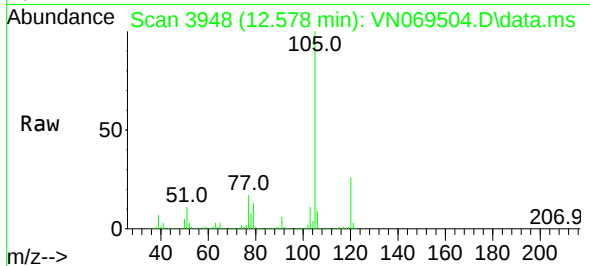
Tgt Ion:152 Resp: 754586
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 173.3 0.0 344.4





#73
Isopropylbenzene
Concen: 46.991 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

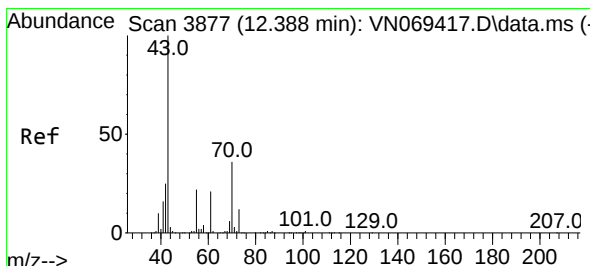
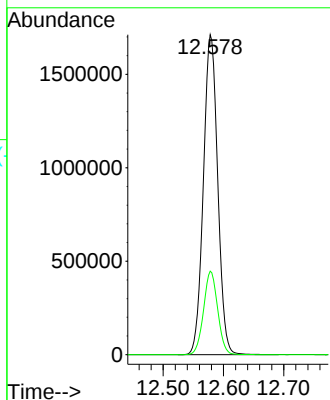
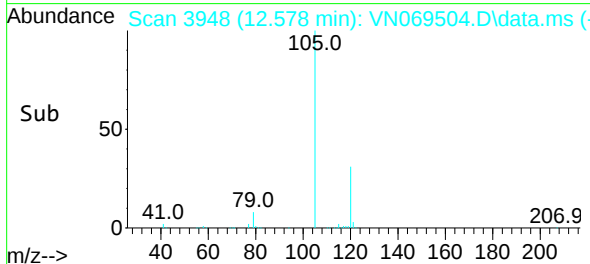
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



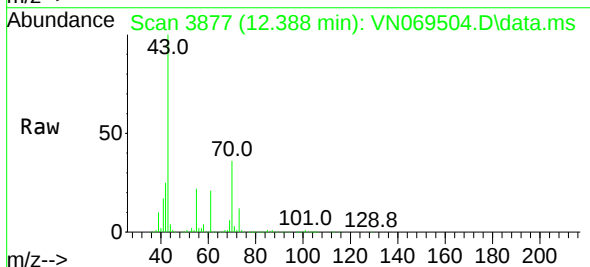
Tgt Ion:105 Resp: 282328
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
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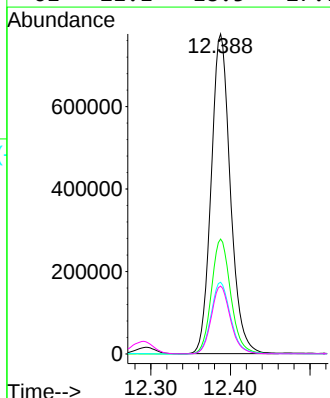
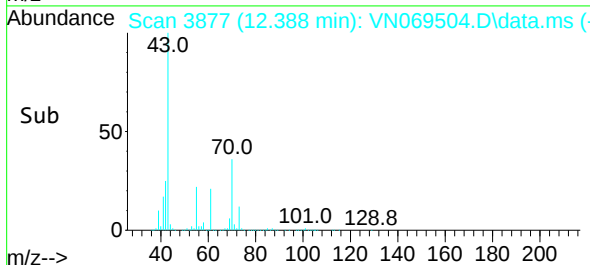
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

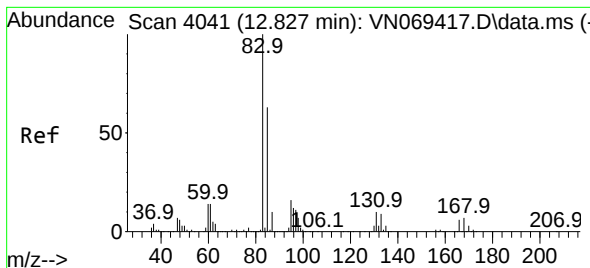


#74
N-ethyl acetate
Concen: 51.002 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



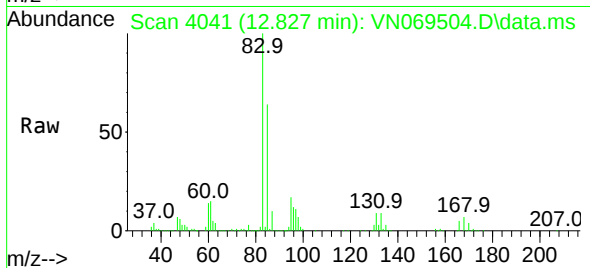
Tgt Ion: 43 Resp: 1298600
Ion Ratio Lower Upper
43 100
70 36.3 33.4 50.0
55 22.8 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.961 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

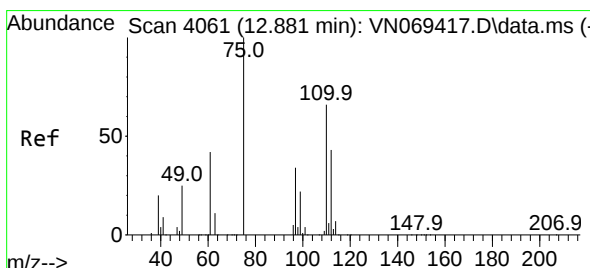
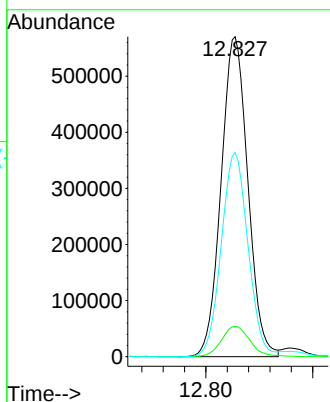
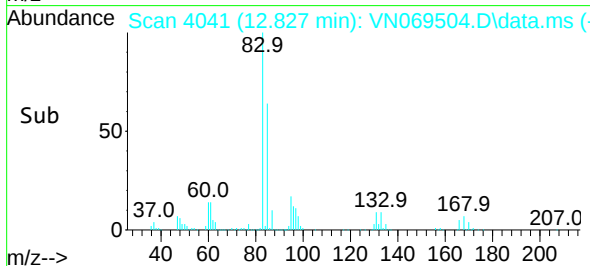
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 992120
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.6 32.4 97.2

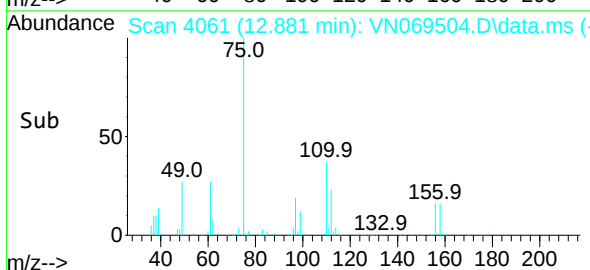
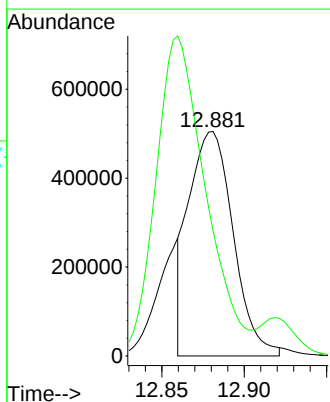
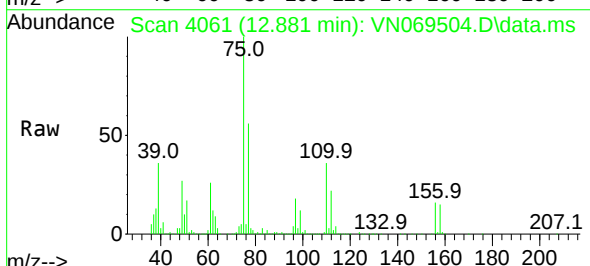
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 54.398 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

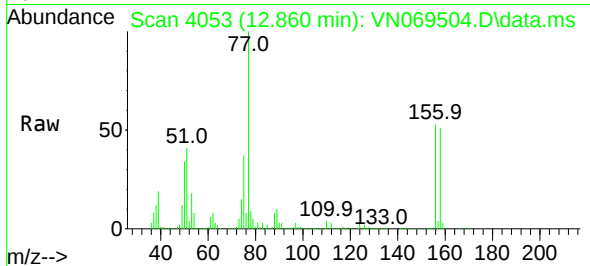
Tgt Ion: 75 Resp: 947296
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 49.308 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

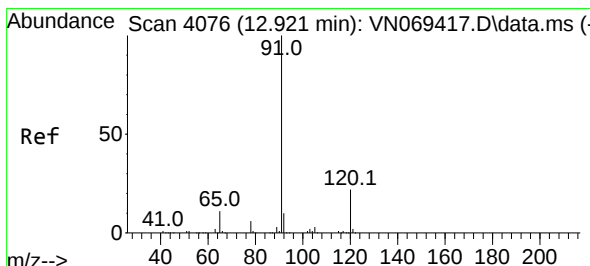
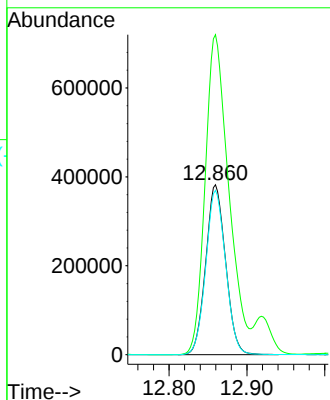
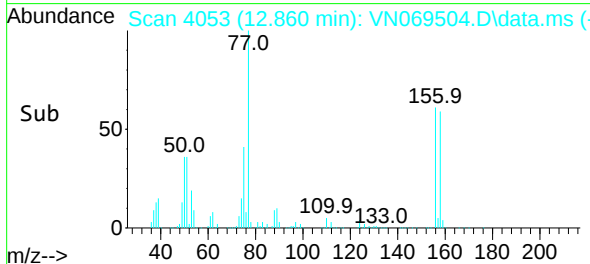
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 677510
Ion Ratio Lower Upper
156 100
77 223.5 90.6 271.8
158 96.9 48.9 146.7

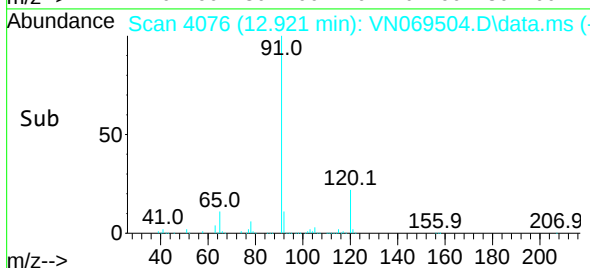
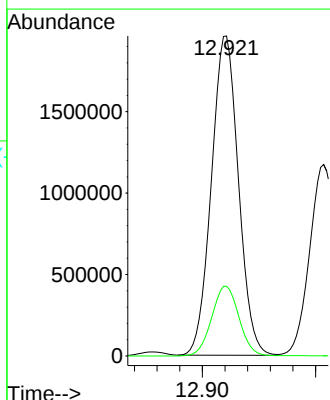
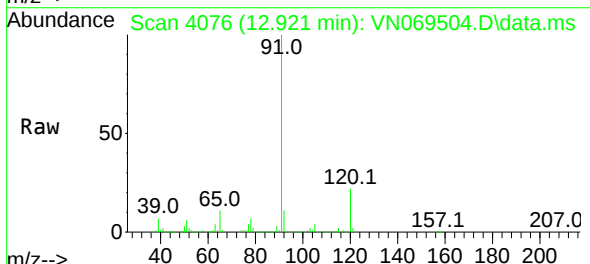
Manual Integrations
APPROVED

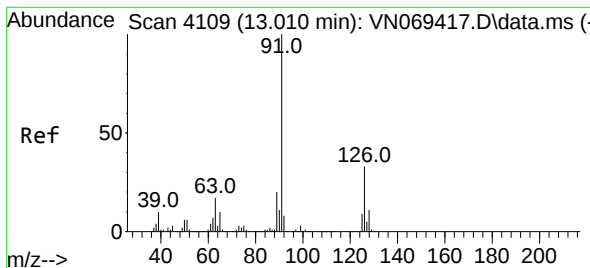
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 48.051 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 91 Resp: 3248475
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





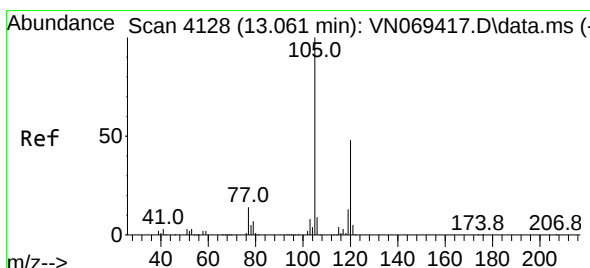
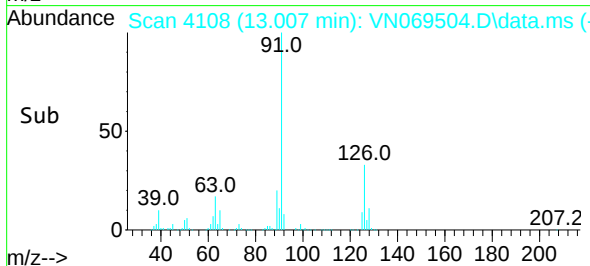
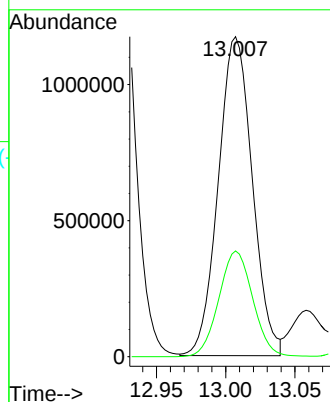
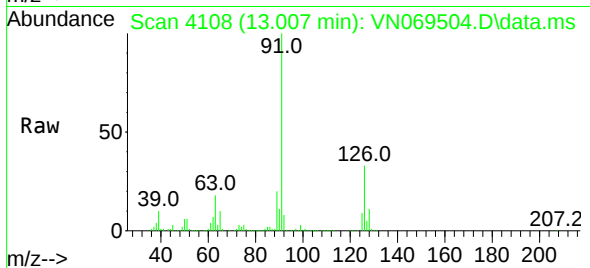
#79
2-Chlorotoluene
Concen: 47.891 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 200466
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

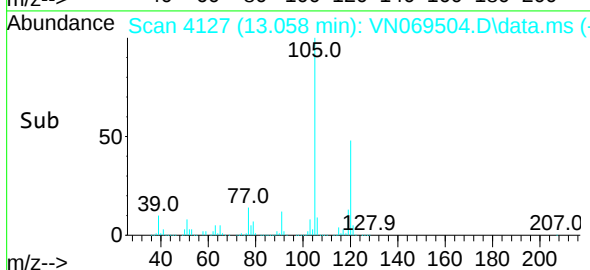
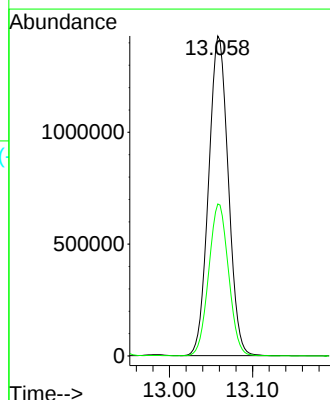
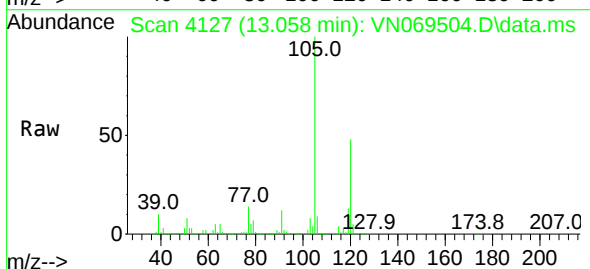
Manual Integrations
APPROVED

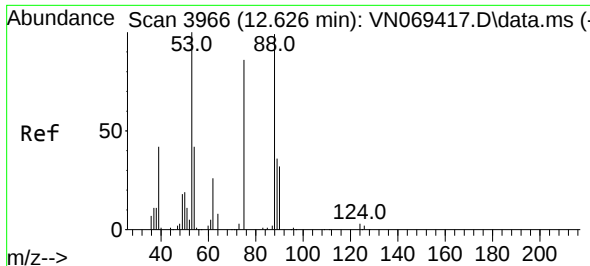
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 48.335 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

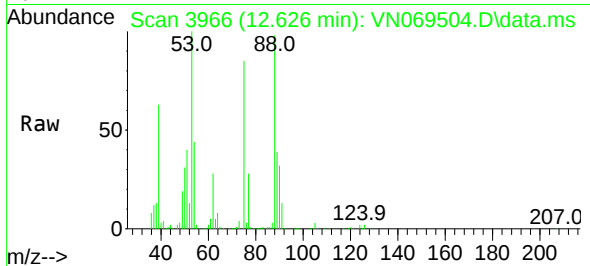
Tgt Ion:105 Resp: 2347642
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 43.331 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

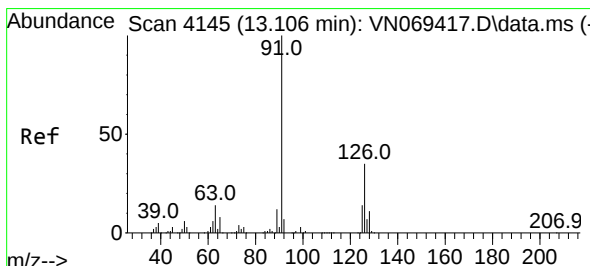
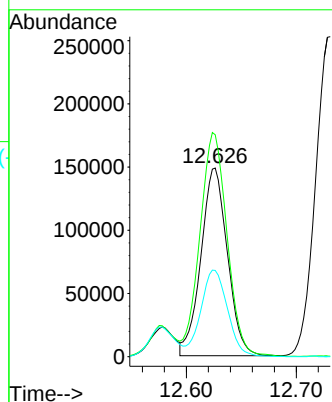
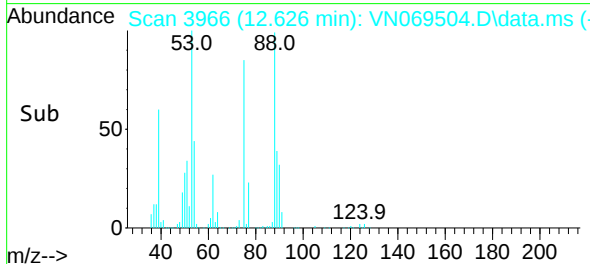
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



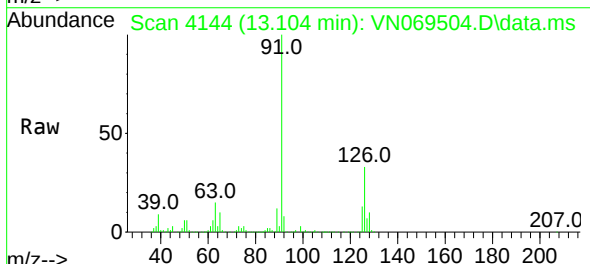
Tgt Ion: 75 Resp: 248389
Ion Ratio Lower Upper
75 100
53 122.7 90.5 135.7
89 46.4 38.2 57.4

Manual Integrations
APPROVED

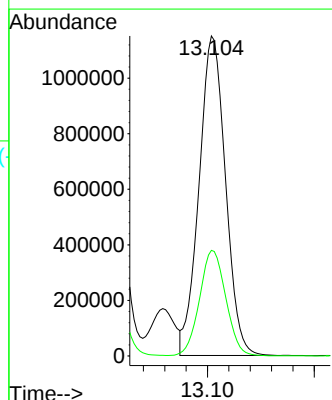
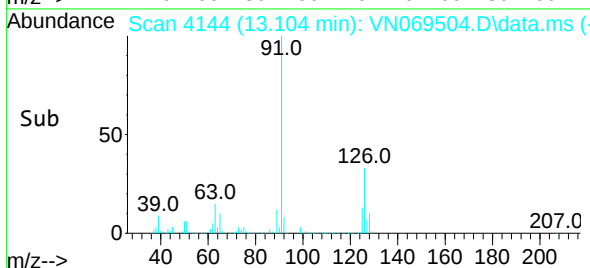
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 49.504 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



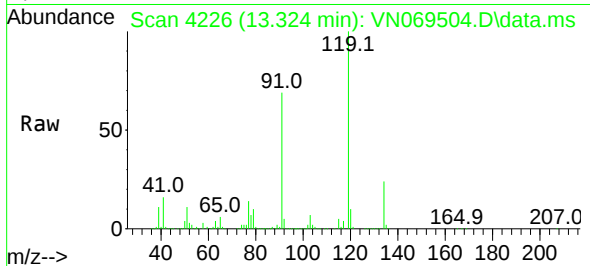
Tgt Ion: 91 Resp: 1975333
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.046 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

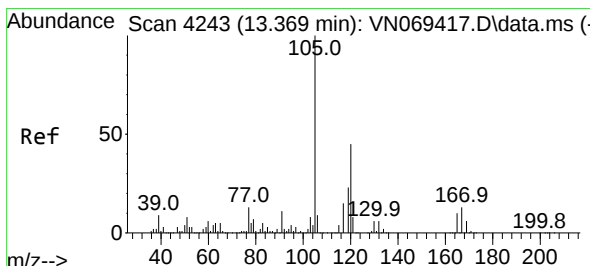
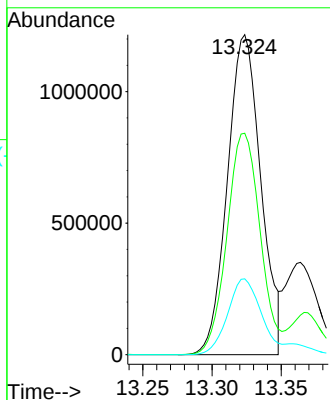
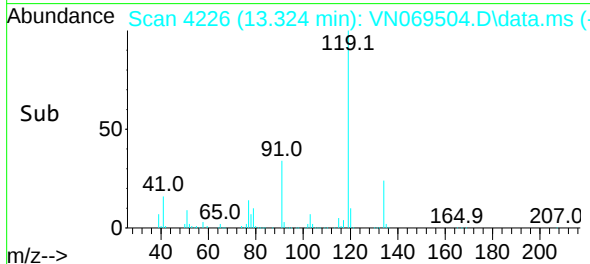
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



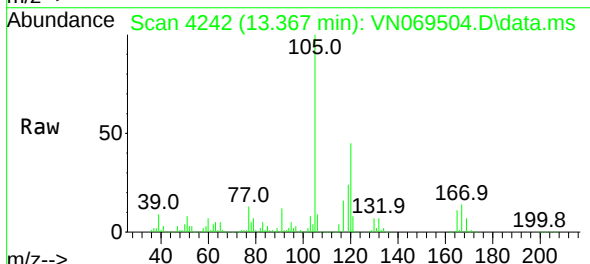
Tgt Ion:119 Resp: 204499
Ion Ratio Lower Upper
119 100
91 69.0 31.5 94.5
134 24.1 12.4 37.4

Manual Integrations
APPROVED

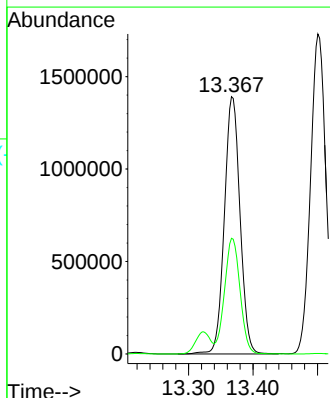
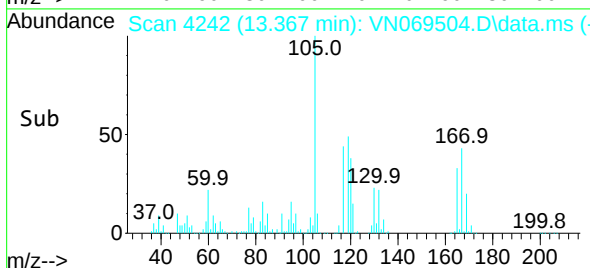
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 50.054 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



Tgt Ion:105 Resp: 2347027
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4





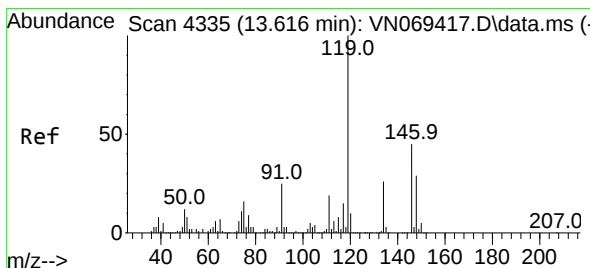
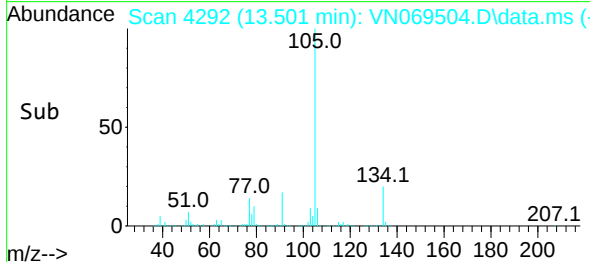
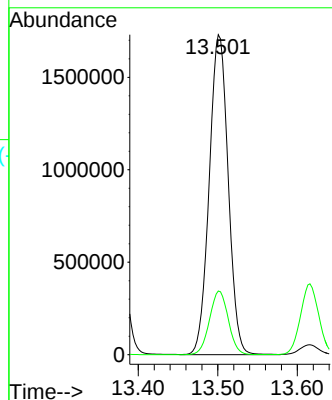
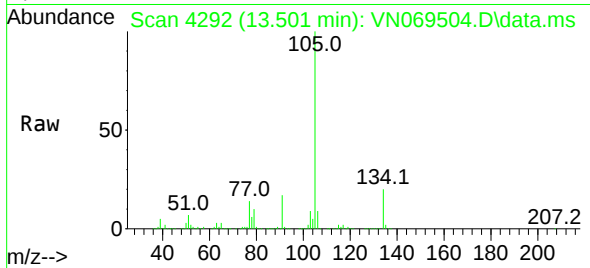
#85
 sec-Butylbenzene
 Concen: 48.157 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069504.D
 Acq: 16 Nov 2021 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 2863284
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

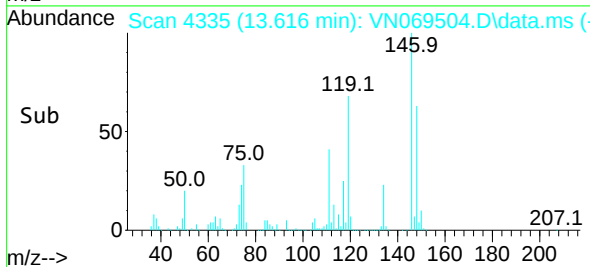
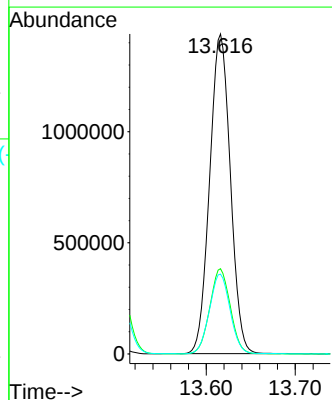
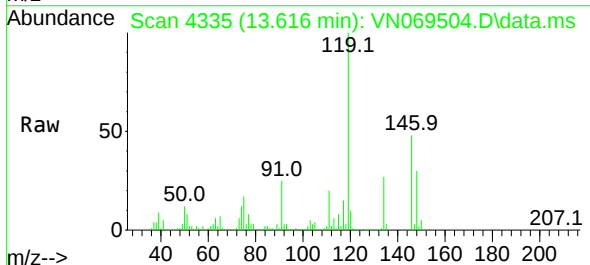
Manual Integrations
 APPROVED

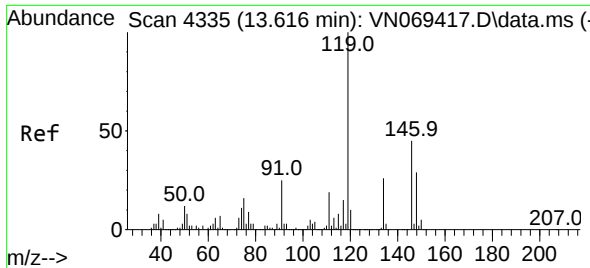
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 49.170 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069504.D
 Acq: 16 Nov 2021 11:57

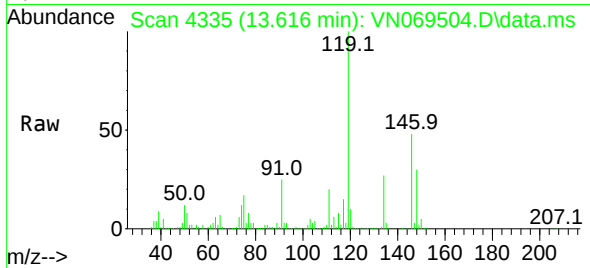
Tgt Ion:119 Resp: 2320825
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 24.9 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 50.357 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

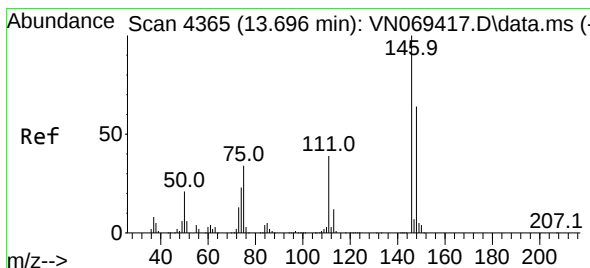
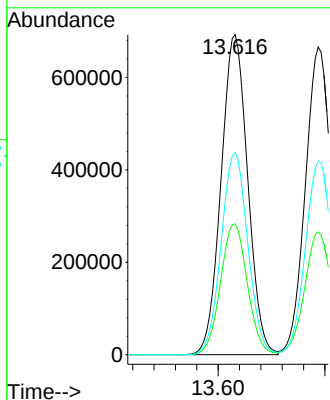
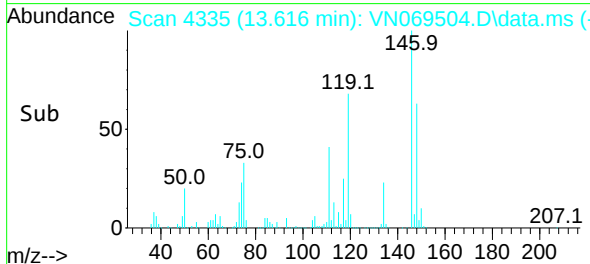
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



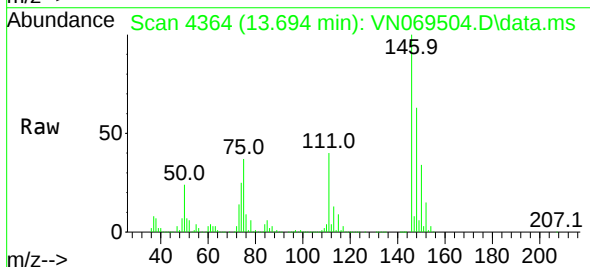
Tgt Ion:146 Resp: 1199628
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
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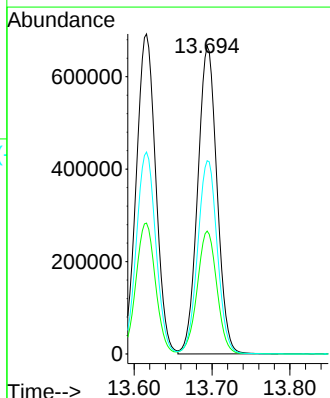
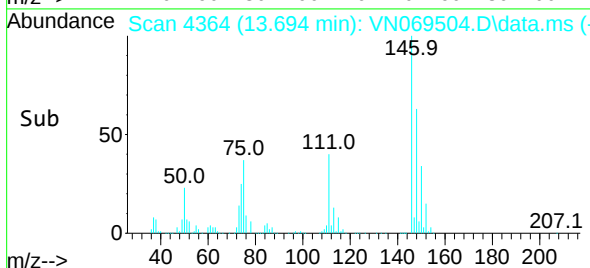
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 49.192 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



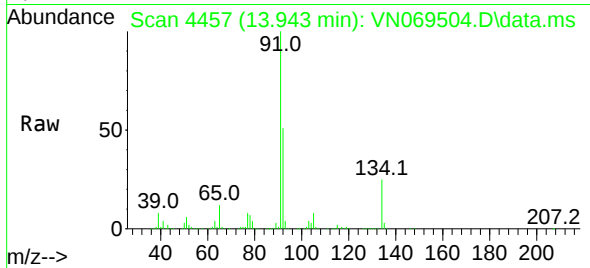
Tgt Ion:146 Resp: 1149628
Ion Ratio Lower Upper
146 100
111 40.5 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 49.102 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

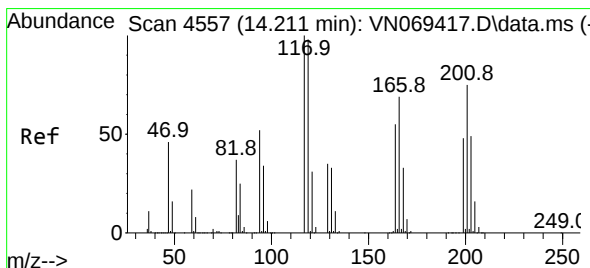
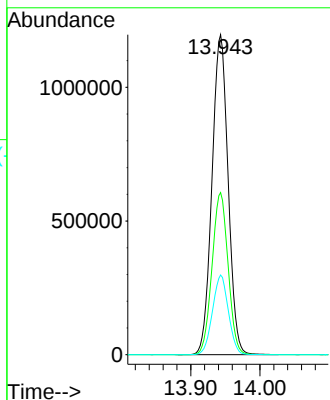
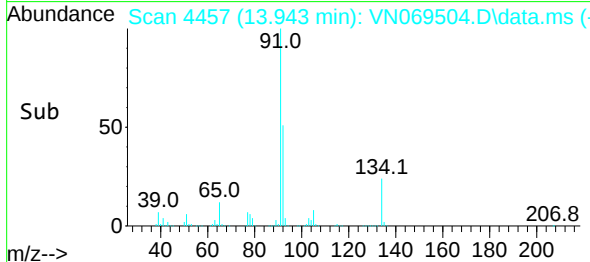
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1932650
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.0
134 24.6 13.6 40.8

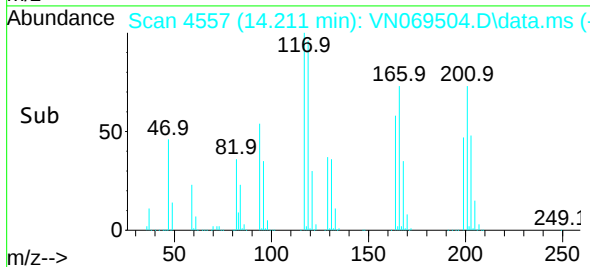
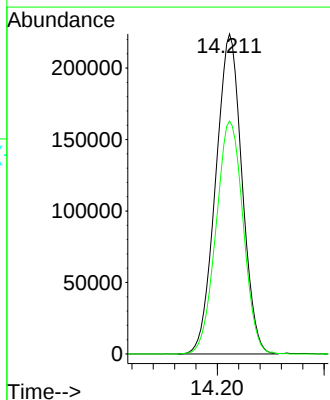
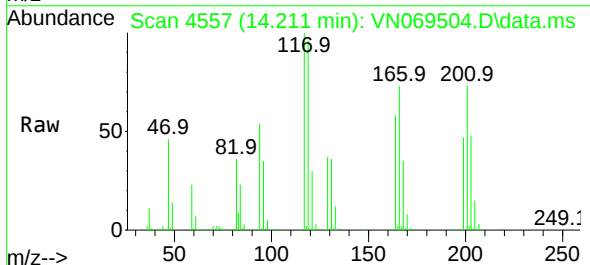
Manual Integrations
APPROVED

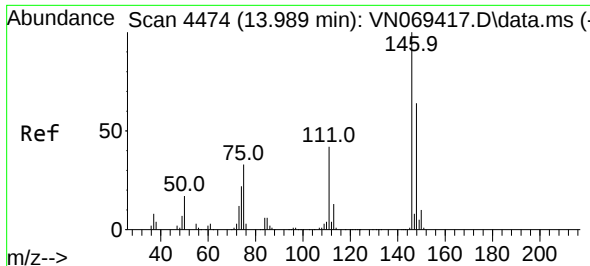
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 44.415 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

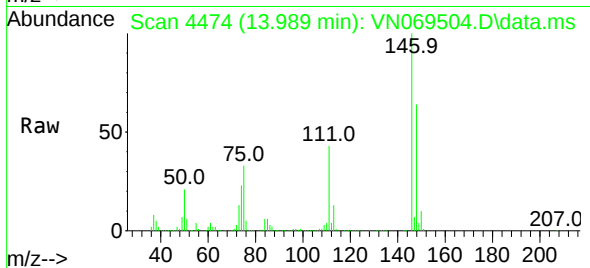
Tgt Ion:117 Resp: 383142
Ion Ratio Lower Upper
117 100
201 75.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.805 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

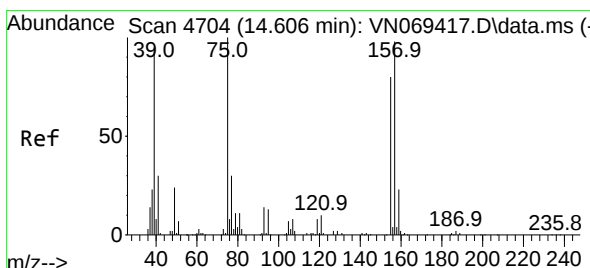
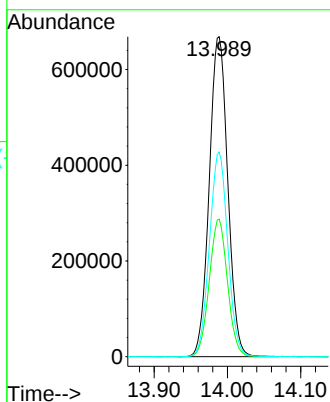
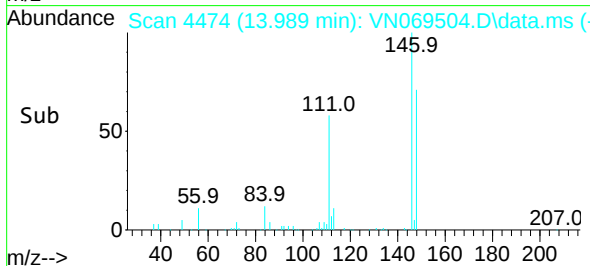
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 117434
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.3
148 63.5 32.1 96.3

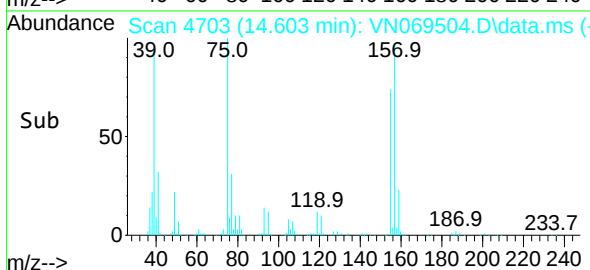
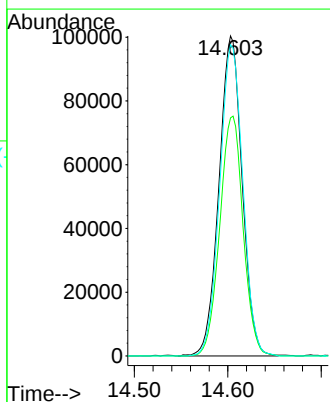
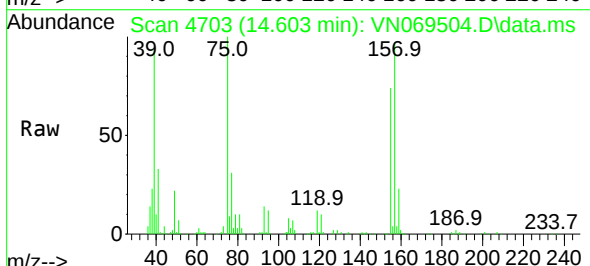
Manual Integrations
APPROVED

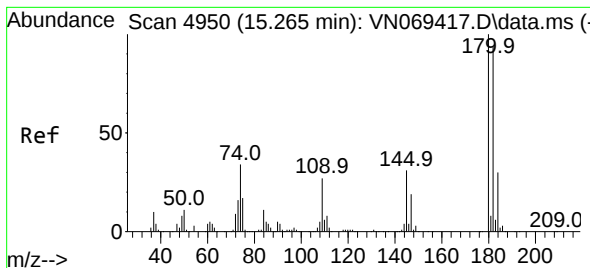
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.075 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

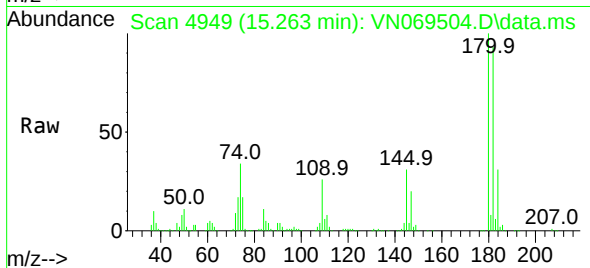
Tgt Ion: 75 Resp: 173033
Ion Ratio Lower Upper
75 100
155 75.6 46.9 140.7
157 97.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.924 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

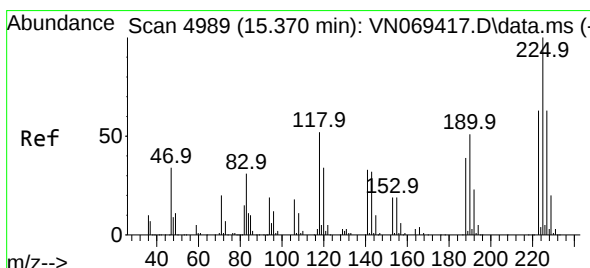
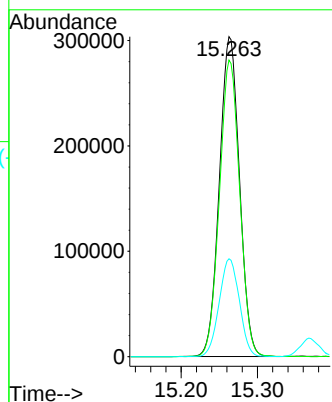
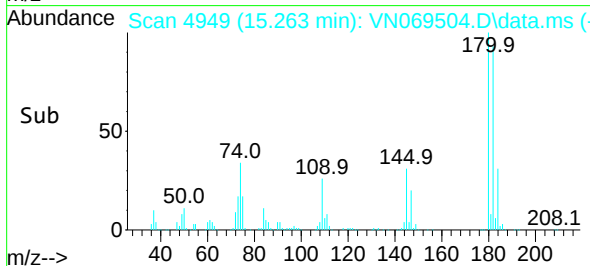
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



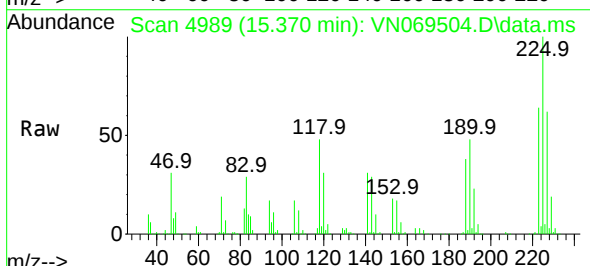
Tgt Ion:180 Resp: 554917
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
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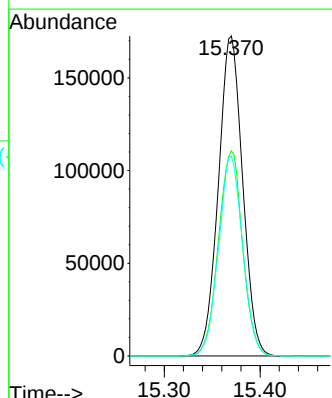
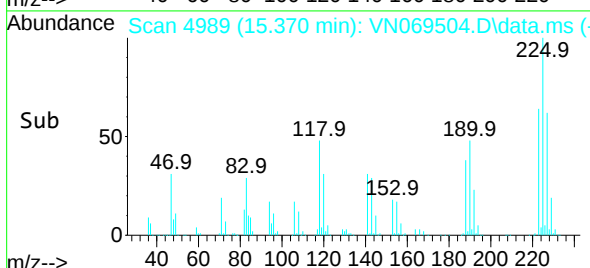
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

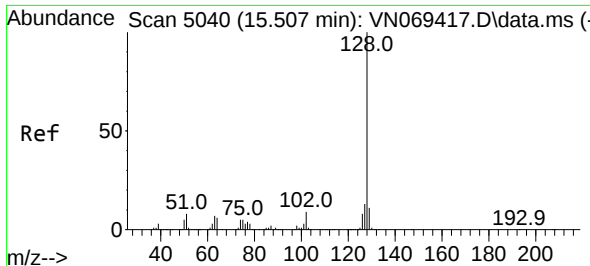


#94
Hexachlorobutadiene
Concen: 51.425 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



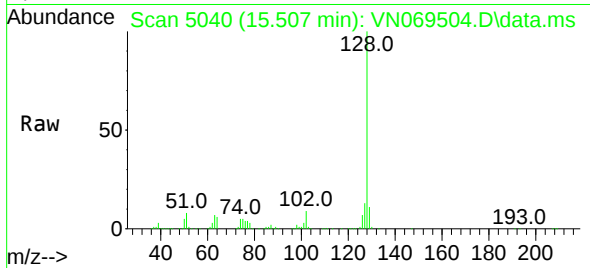
Tgt Ion:225 Resp: 302896
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 62.1 32.1 96.3





#95
Naphthalene
Concen: 44.831 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57

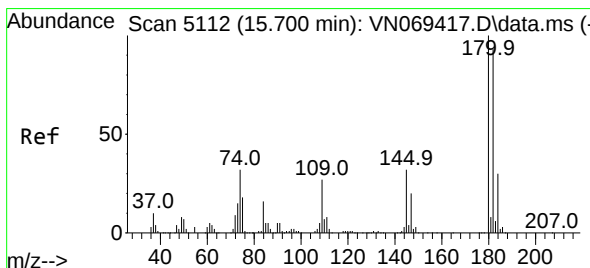
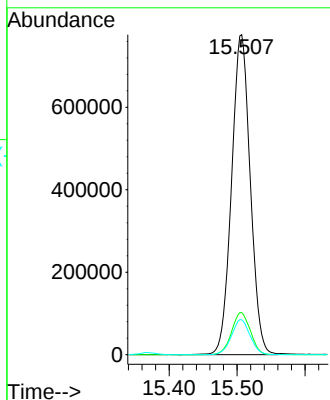
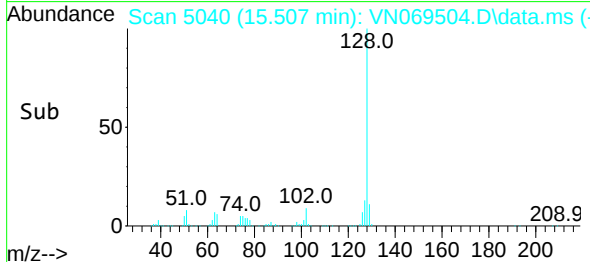
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



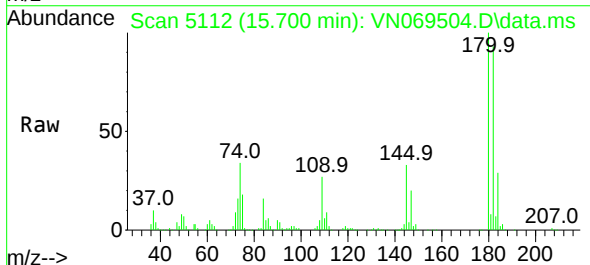
Tgt Ion:128 Resp: 148480
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.182 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069504.D
Acq: 16 Nov 2021 11:57



Tgt Ion:180 Resp: 533726
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 33.0 15.0 45.1

