

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113021\
 Data File : VN069684.D
 Acq On : 30 Nov 2021 15:58
 Operator : JC/MD
 Sample : VN1130WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 01:49:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1063815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1689570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1543199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	623193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	780555	50.604	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.200%			
35) Dibromofluoromethane	8.019	113	544124	53.696	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.400%			
50) Toluene-d8	10.440	98	2004969	50.308	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.731	95	724078	49.456	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	176883	15.563	ug/l	98
3) Chloromethane	2.306	50	201003	15.250	ug/l	100
4) Vinyl Chloride	2.451	62	200315	15.178	ug/l	99
5) Bromomethane	2.866	94	126028	14.704	ug/l	99
6) Chloroethane	3.030	64	134825	15.135	ug/l	96
7) Trichlorofluoromethane	3.384	101	302996	14.855	ug/l	98
8) Diethyl Ether	3.824	74	124559	18.875	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	182904	19.036	ug/l	97
10) Methyl Iodide	4.422	142	218150	18.511	ug/l	97
11) Tert butyl alcohol	5.371	59	217643	78.304	ug/l #	83
12) 1,1-Dichloroethene	4.183	96	151880	17.615	ug/l	88
13) Acrolein	4.039	56	30951	73.981	ug/l	97
14) Allyl chloride	4.843	41	351949	18.463	ug/l	94
15) Acrylonitrile	5.554	53	679593	95.478	ug/l	100
16) Acetone	4.288	43	804914	96.718	ug/l	96
17) Carbon Disulfide	4.532	76	262255	12.868	ug/l	99
18) Methyl Acetate	4.857	43	494657	18.285	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	732148	20.064	ug/l	97
20) Methylene Chloride	5.098	84	210284	17.819	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	167544	17.397	ug/l	89
22) Diisopropyl ether	6.495	45	839610	20.447	ug/l	97
23) Vinyl Acetate	6.434	43	3137718	98.794	ug/l	95
24) 1,1-Dichloroethane	6.388	63	408272	19.520	ug/l	98
25) 2-Butanone	7.335	43	1031897	91.569	ug/l	92
26) 2,2-Dichloropropane	7.324	77	312521	19.098	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	225966	18.928	ug/l	86
28) Bromochloromethane	7.657	49	239505	22.361	ug/l #	80
29) Tetrahydrofuran	7.686	42	636488	92.037	ug/l	88
30) Chloroform	7.817	83	427063	19.917	ug/l	99
31) Cyclohexane	8.091	56	347870	16.508	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	341694	19.091	ug/l	96
36) 1,1-Dichloropropene	8.220	75	275619	19.387	ug/l	97
37) Ethyl Acetate	7.412	43	388827	20.233	ug/l	95
38) Carbon Tetrachloride	8.204	117	269595	19.642	ug/l	100
39) Methylcyclohexane	9.459	83	311391	17.607	ug/l	90
40) Benzene	8.458	78	867299	19.764	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	197596	19.899	ug/l	90
42) 1,2-Dichloroethane	8.528	62	371515	21.622	ug/l	97
43) Isopropyl Acetate	8.560	43	628193	20.351	ug/l #	95
44) Trichloroethene	9.215	130	208596	19.862	ug/l	92
45) 1,2-Dichloropropane	9.491	63	250431	21.360	ug/l	100
46) Dibromomethane	9.577	93	158274	20.155	ug/l	93
47) Bromodichloromethane	9.759	83	313062	21.364	ug/l	98
48) Methyl methacrylate	9.558	41	309044	21.280	ug/l #	83
49) 1,4-Dioxane	9.569	88	90657	341.747	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	2032984	102.034	ug/l	95
52) Toluene	10.505	92	541935	19.824	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	312192	19.051	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	345528	19.301	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	235504	21.371	ug/l	97
56) Ethyl methacrylate	10.760	69	373515	19.300	ug/l	86
57) 1,3-Dichloropropane	11.044	76	410235	21.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	399970	90.850	ug/l	92
59) 2-Hexanone	11.084	43	1422833	89.831	ug/l	94
60) Dibromochloromethane	11.237	129	215422	19.367	ug/l	100
61) 1,2-Dibromoethane	11.344	107	229272	19.311	ug/l	98
64) Tetrachloroethene	10.977	164	193536	20.770	ug/l	96
65) Chlorobenzene	11.768	112	586396	20.415	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	216831	21.763	ug/l	100
67) Ethyl Benzene	11.843	91	1063400	20.073	ug/l	96
68) m/p-Xylenes	11.953	106	774335	39.742	ug/l	95
69) o-Xylene	12.280	106	388185	19.984	ug/l	92
70) Styrene	12.294	104	621388	18.796	ug/l	96
71) Bromoform	12.457	173	143673	18.897	ug/l #	99
73) Isopropylbenzene	12.578	105	1032663	20.812	ug/l	99
74) N-amyl acetate	12.387	43	399339	18.991	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	356512	21.303	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	311188m	21.638	ug/l	
77) Bromobenzene	12.860	156	241159	21.251	ug/l	82
78) n-propylbenzene	12.919	91	1144799	20.504	ug/l	97
79) 2-Chlorotoluene	13.007	91	716136	20.716	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	841991	20.990	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	71952	18.956	ug/l #	82
82) 4-Chlorotoluene	13.104	91	678114	20.577	ug/l	93
83) tert-Butylbenzene	13.321	119	746729	21.243	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	805486	20.800	ug/l	97
85) sec-Butylbenzene	13.501	105	1009870	20.566	ug/l	98
86) p-Isopropyltoluene	13.616	119	797395	20.456	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	402994	20.483	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	386884	20.045	ug/l	97
89) n-Butylbenzene	13.943	91	609988	18.765	ug/l	98
90) Hexachloroethane	14.209	117	127172	19.144	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	396280	21.167	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.600	75	54623	18.722	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	162823	18.679	ug/l	98
94) Hexachlorobutadiene	15.370	225	112554	23.138	ug/l	99
95) Naphthalene	15.507	128	395812	17.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	161030	19.248	ug/l	98

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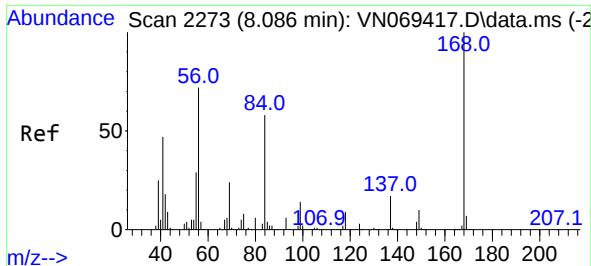
Manual Integrations
APPROVED

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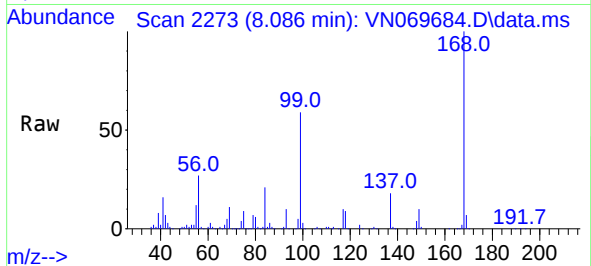
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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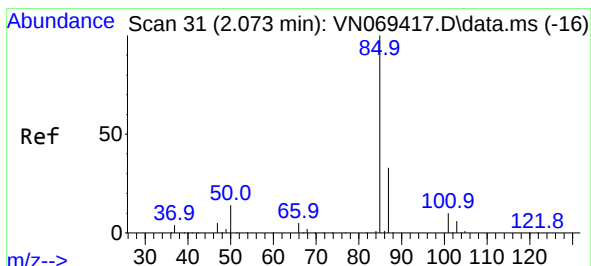
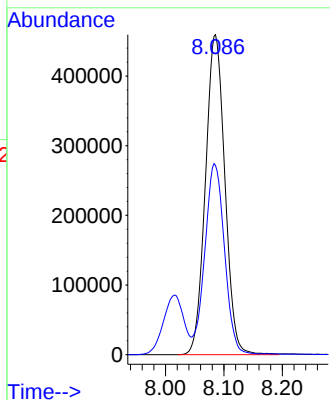
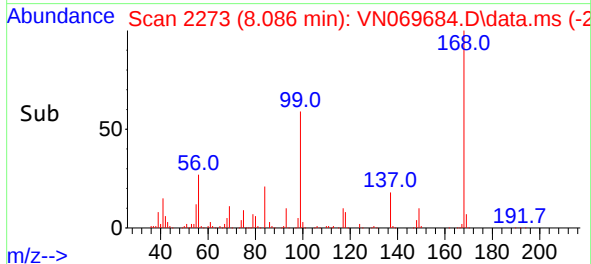
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion:168 Resp: 106381
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9

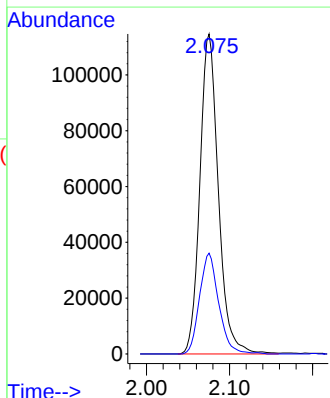
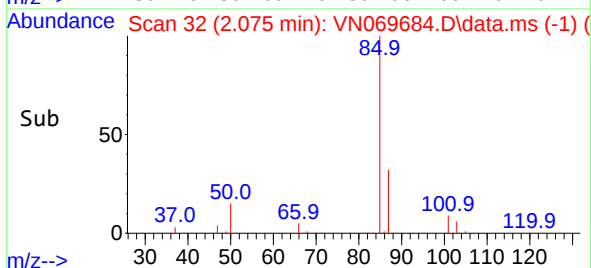
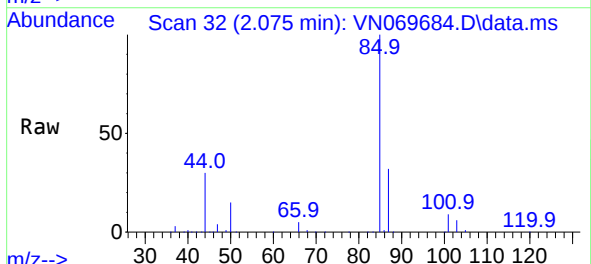
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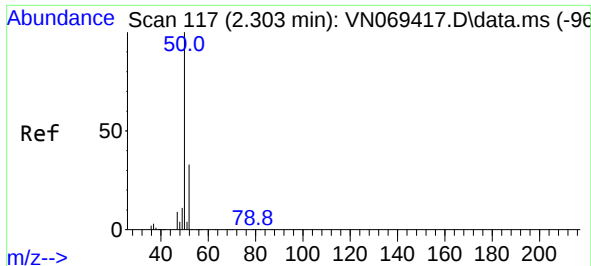
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#2
Dichlorodifluoromethane
Concen: 15.563 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 85 Resp: 176883
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





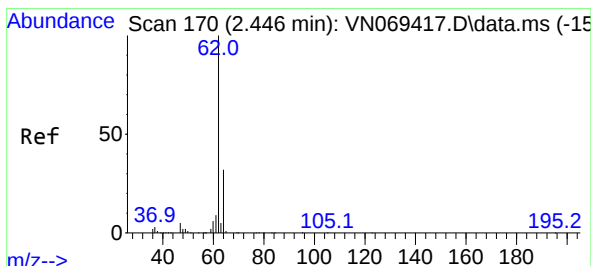
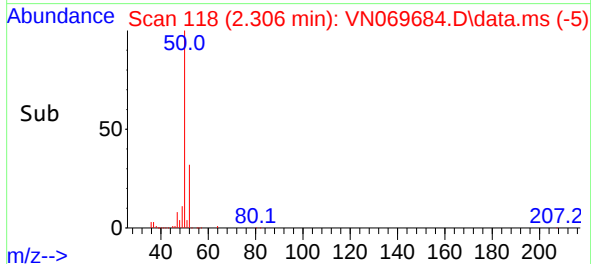
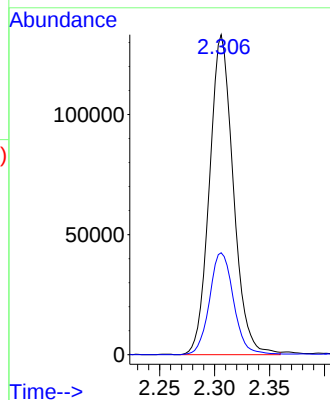
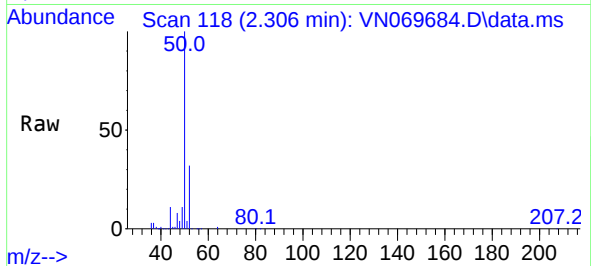
#3
Chloromethane
Concen: 15.250 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
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Tgt Ion: 50 Resp: 201000
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

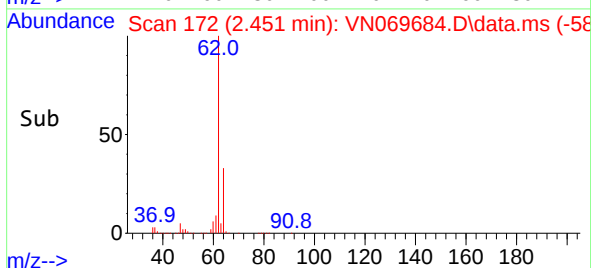
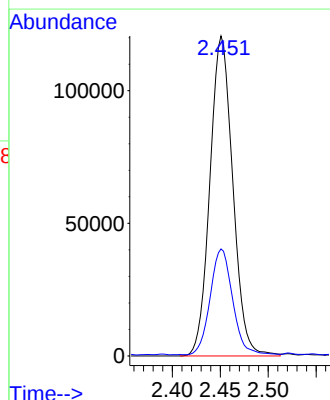
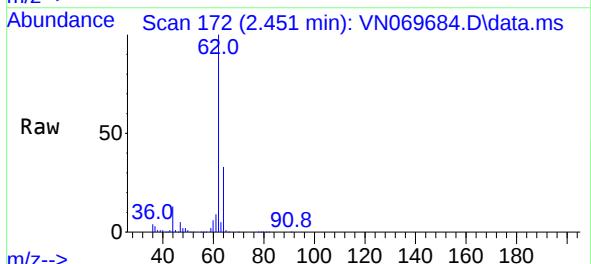
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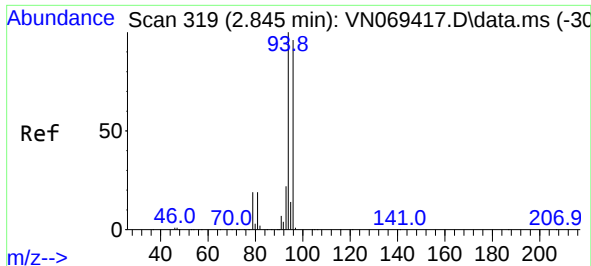
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#4
Vinyl Chloride
Concen: 15.178 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

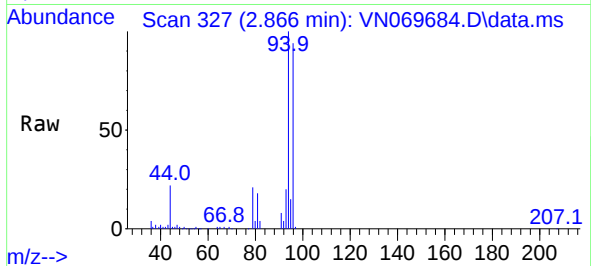
Tgt Ion: 62 Resp: 200315
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





#5
Bromomethane
Concen: 14.704 ug/l
RT: 2.866 min Scan# 319
Delta R.T. 0.021 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

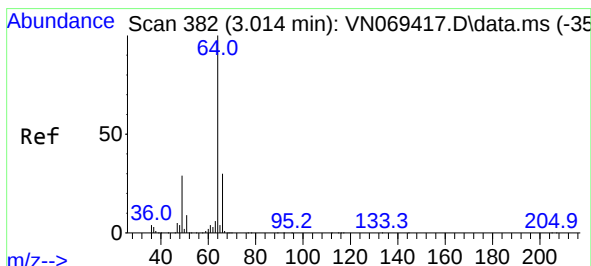
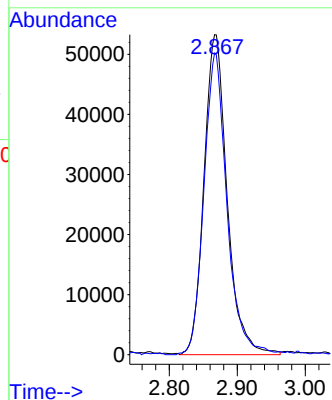
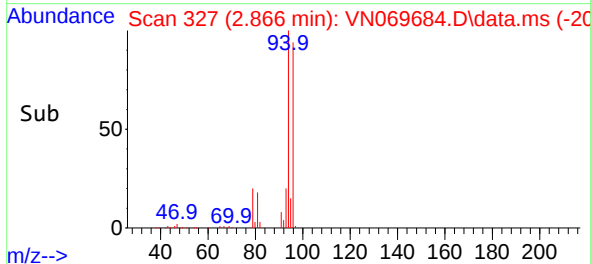
Instrument :
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Tgt Ion: 94 Resp: 126028
Ion Ratio Lower Upper
94 100
96 93.7 73.8 110.8

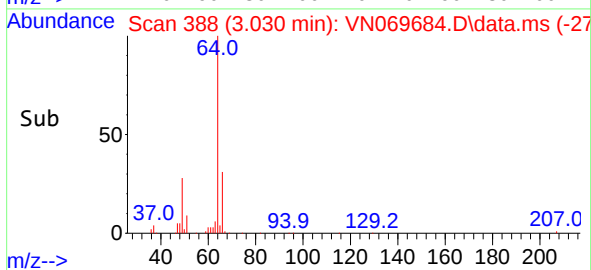
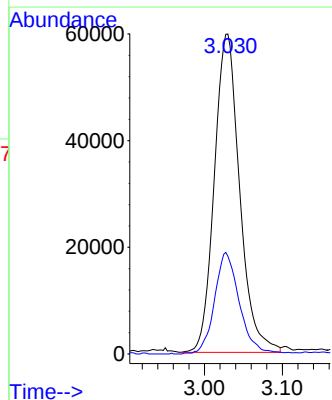
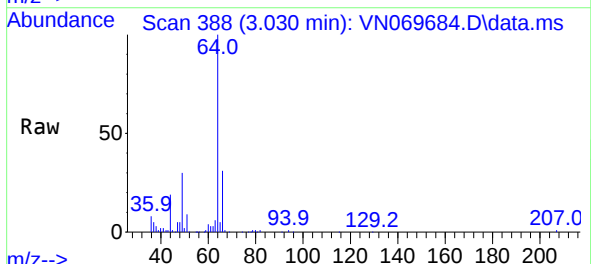
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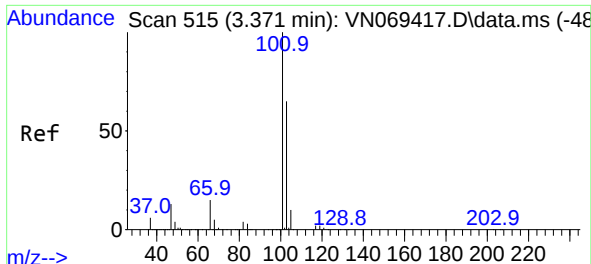
Reviewed By :John Carlone 12/01/2021
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#6
Chloroethane
Concen: 15.135 ug/l
RT: 3.030 min Scan# 388
Delta R.T. 0.016 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 64 Resp: 134825
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5





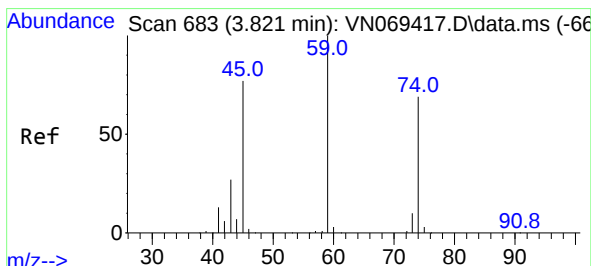
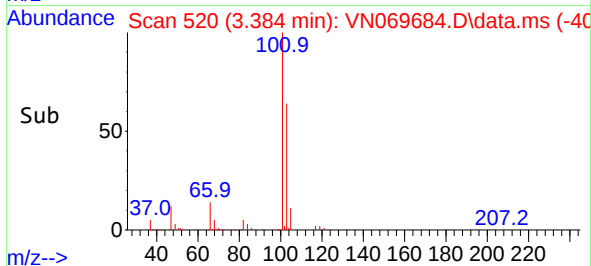
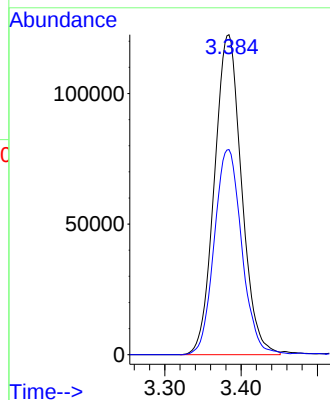
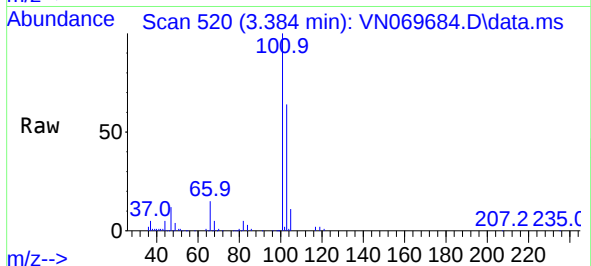
#7
Trichlorofluoromethane
Concen: 14.855 ug/l
RT: 3.384 min Scan# 515
Delta R.T. 0.013 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
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ClientSampleId :
VN1130WBS01

Tgt Ion:101 Resp: 302990
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

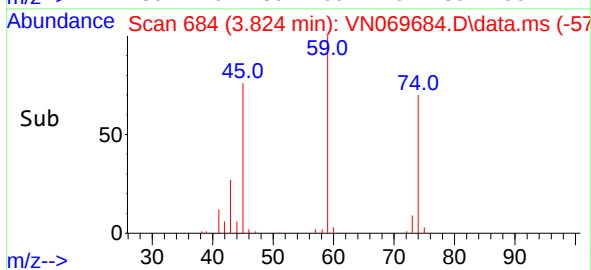
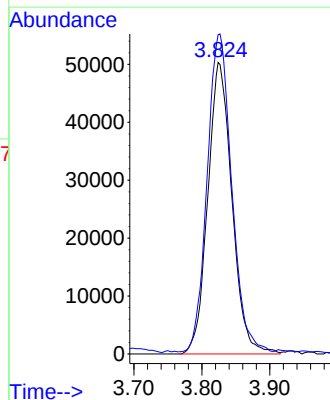
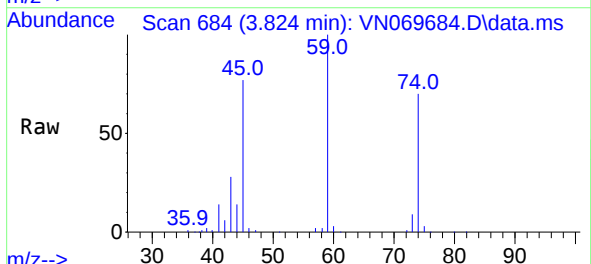
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#8
Diethyl Ether
Concen: 18.875 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069684.D
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Tgt Ion: 74 Resp: 124559
Ion Ratio Lower Upper
74 100
45 110.1 47.0 141.2





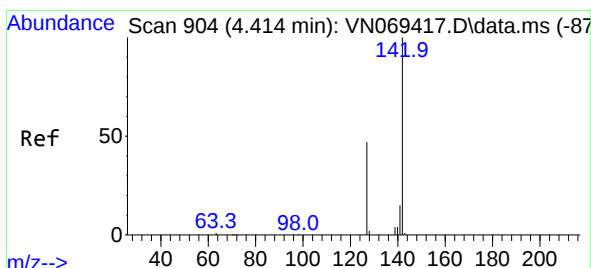
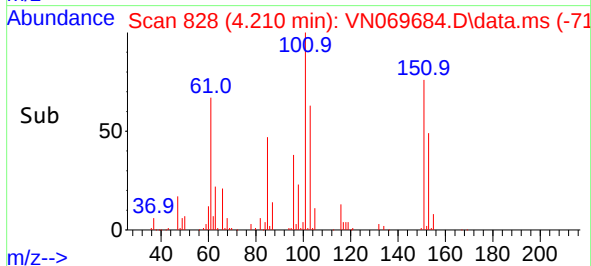
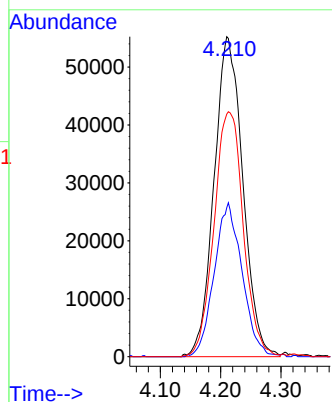
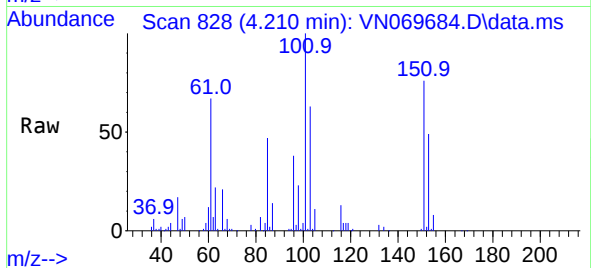
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.036 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069684.D
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ClientSampleId :
VN1130WBS01

Tgt Ion:101 Resp: 182904
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 78.1 65.9 98.9

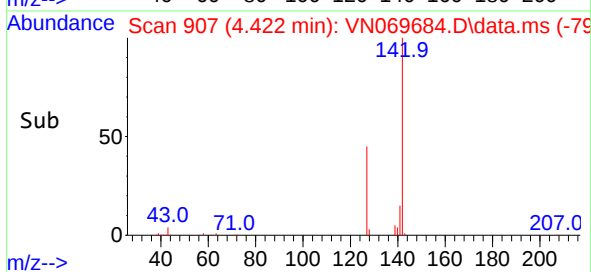
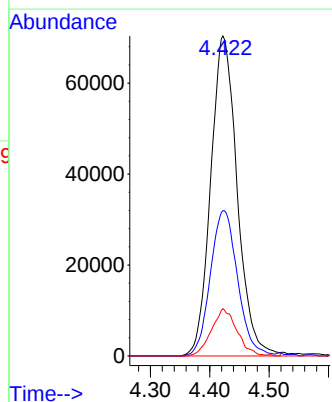
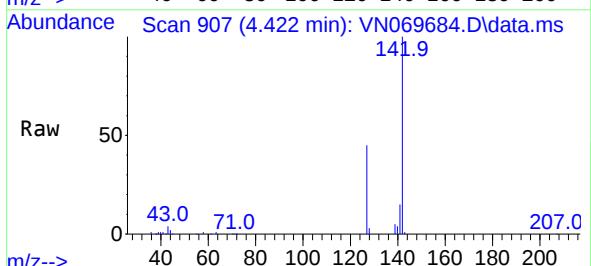
Manual Integrations
APPROVED

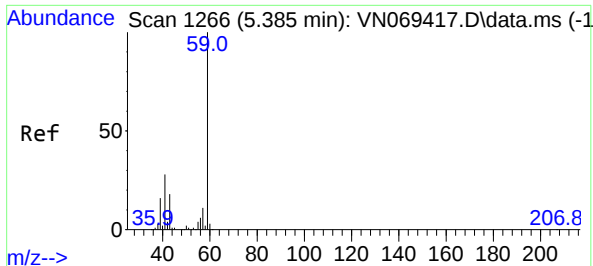
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#10
Methyl Iodide
Concen: 18.511 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

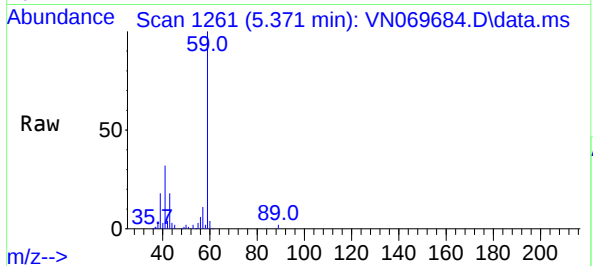
Tgt Ion:142 Resp: 218150
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 78.304 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.014 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

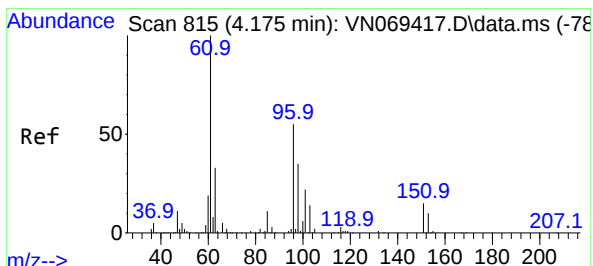
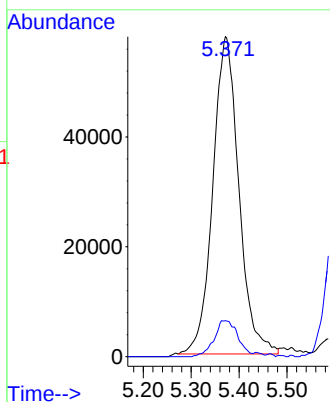
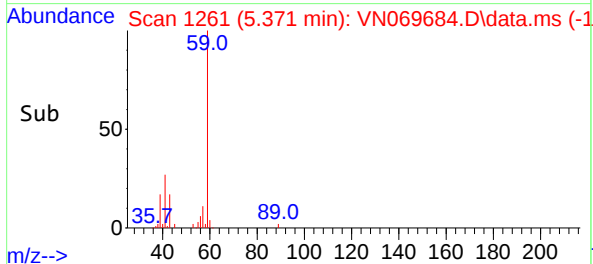
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



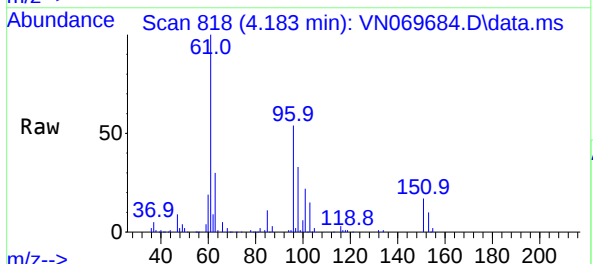
Tgt Ion: 59 Resp: 21764
Ion Ratio Lower Upper
59 100
57 4.6 8.7 13.1

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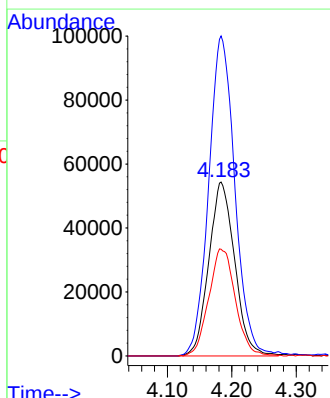
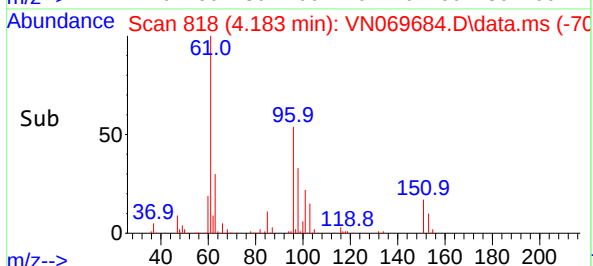
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

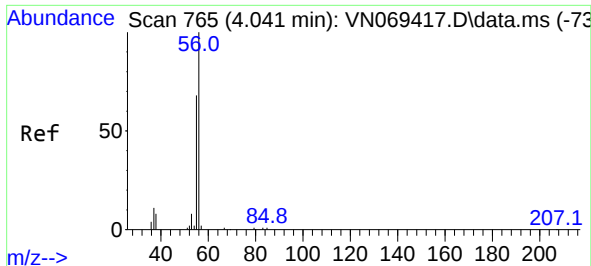


#12
1,1-Dichloroethene
Concen: 17.615 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



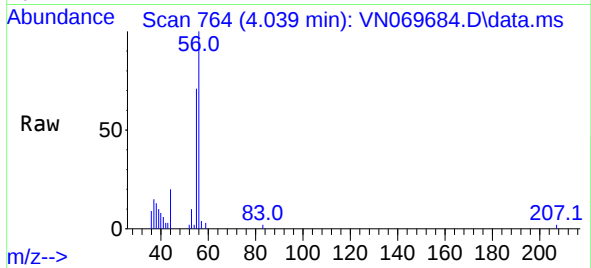
Tgt Ion: 96 Resp: 151880
Ion Ratio Lower Upper
96 100
61 183.9 131.0 196.6
98 61.3 52.4 78.6





#13
Acrolein
Concen: 73.981 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

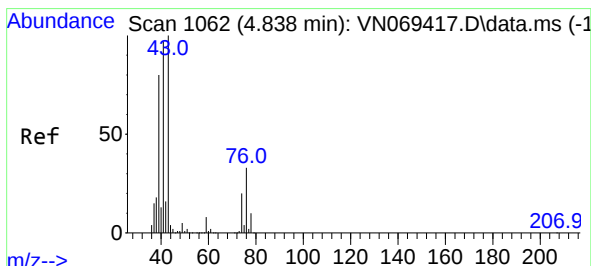
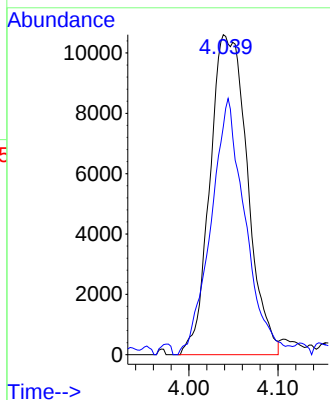
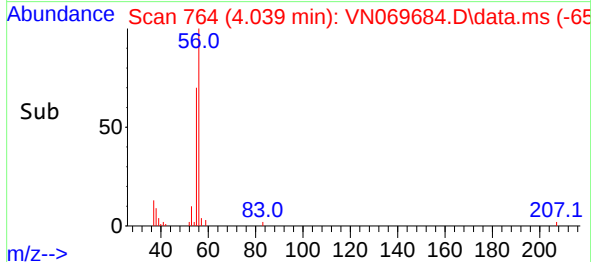
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



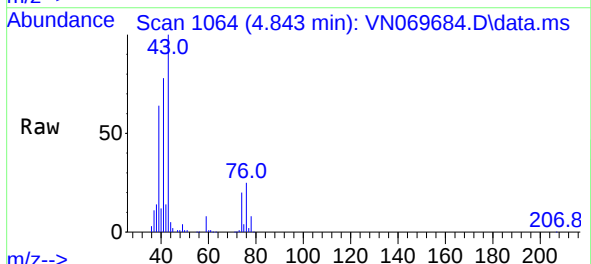
Tgt Ion: 56 Resp: 3095
Ion Ratio Lower Upper
56 100
55 73.6 56.6 85.0

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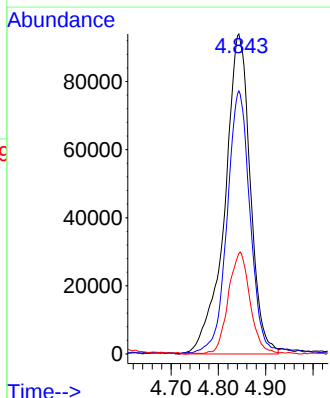
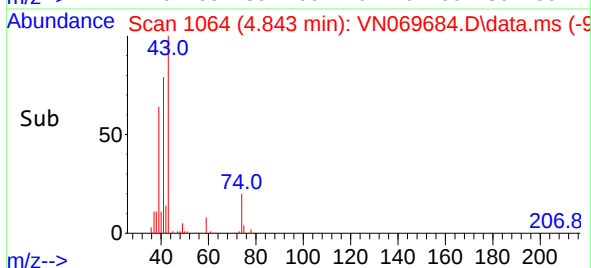
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

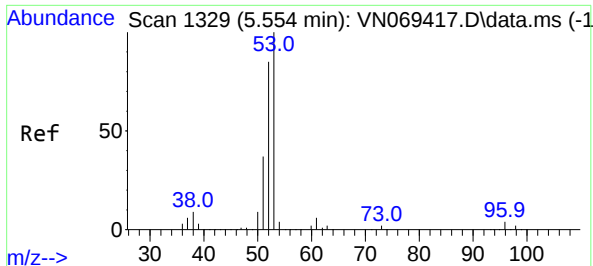


#14
Allyl chloride
Concen: 18.463 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



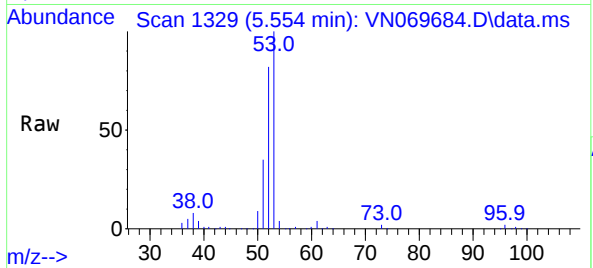
Tgt Ion: 41 Resp: 351949
Ion Ratio Lower Upper
41 100
39 72.7 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 95.478 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

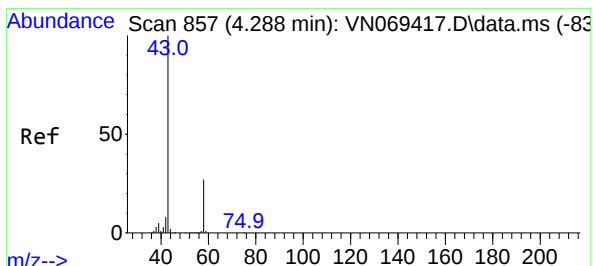
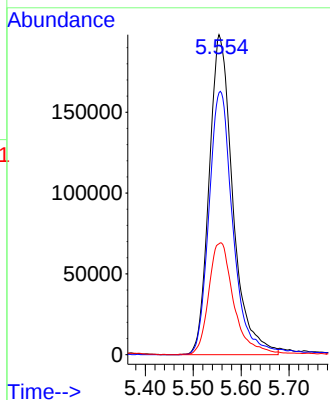
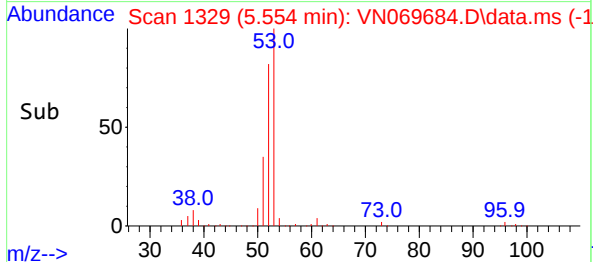
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 53 Resp: 67959
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.9 29.6 44.4

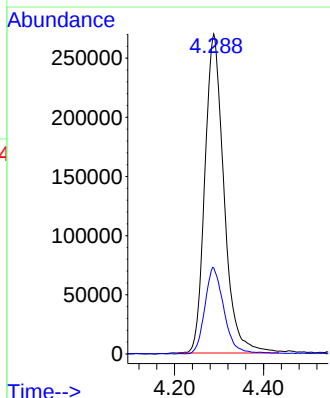
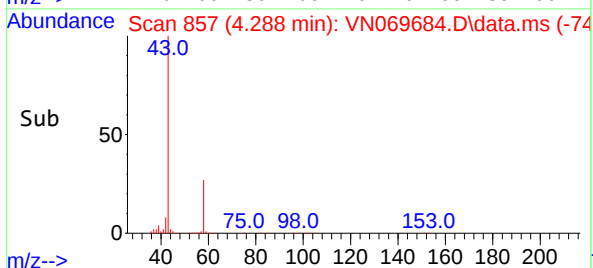
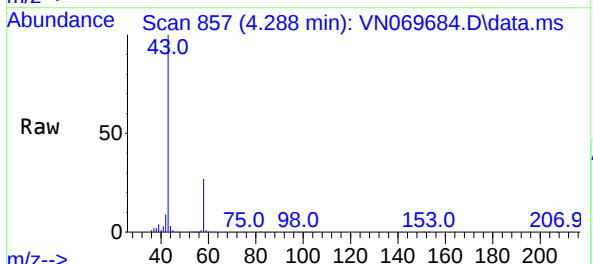
Manual Integrations
APPROVED

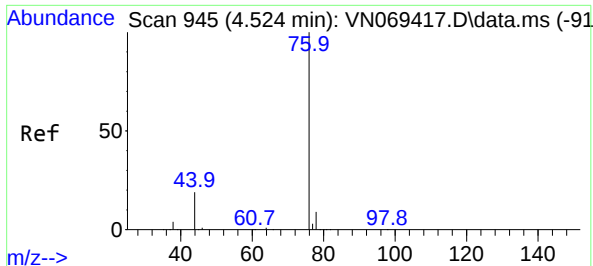
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 96.718 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

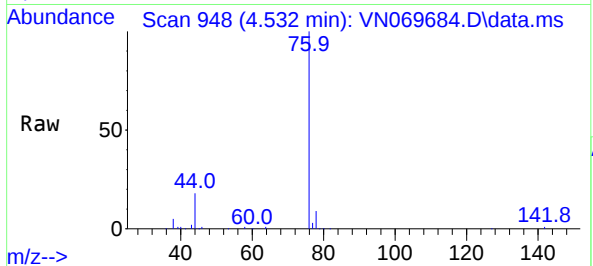
Tgt Ion: 43 Resp: 804914
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#17
Carbon Disulfide
Concen: 12.868 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

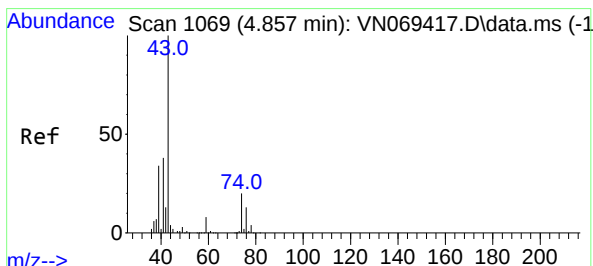
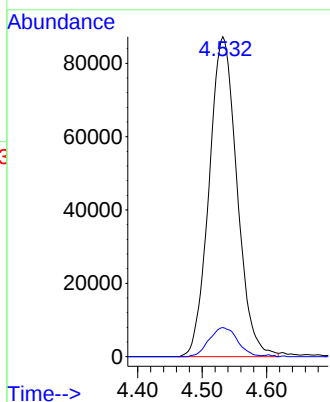
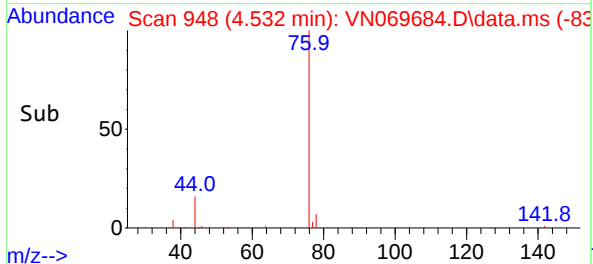
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 76 Resp: 26225
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

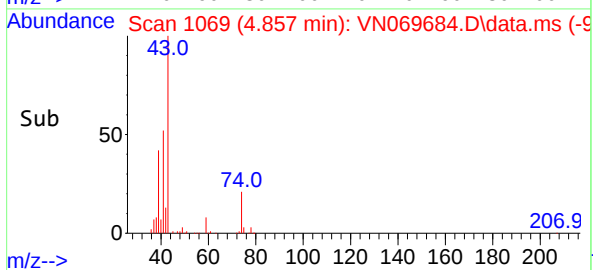
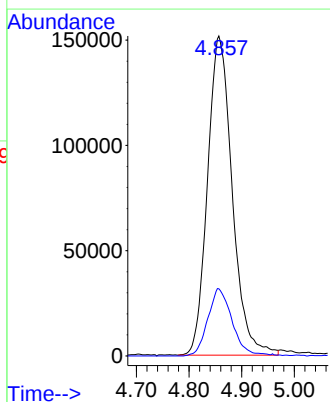
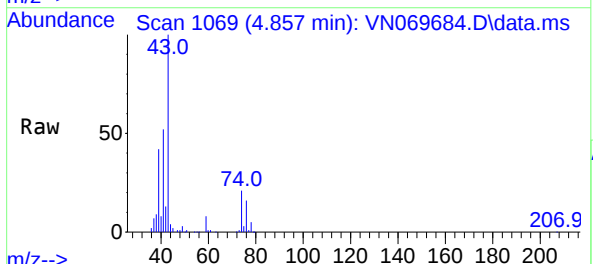
Manual Integrations
APPROVED

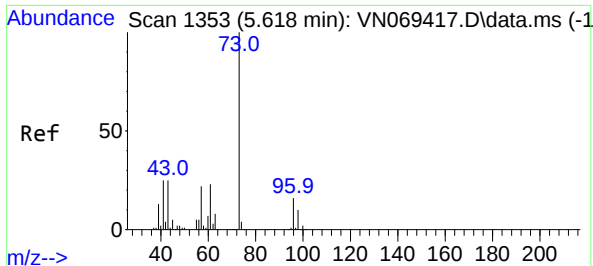
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#18
Methyl Acetate
Concen: 18.285 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

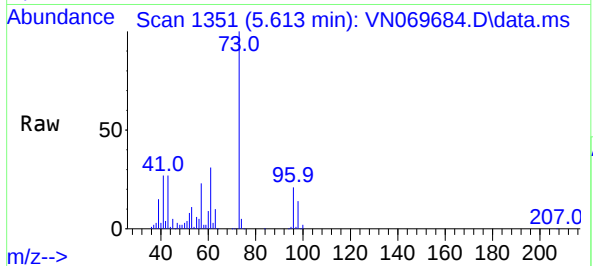
Tgt Ion: 43 Resp: 494657
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.064 ug/l
RT: 5.613 min Scan# 1159
Delta R.T. -0.005 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

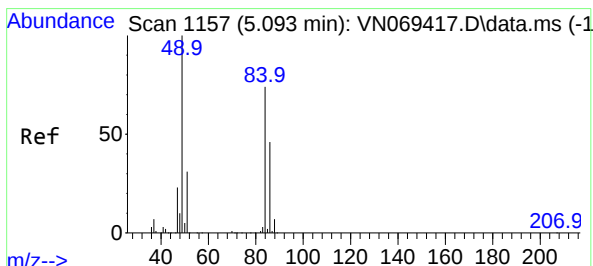
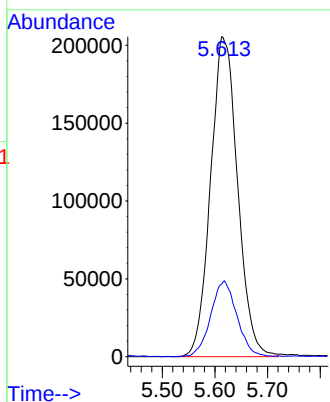
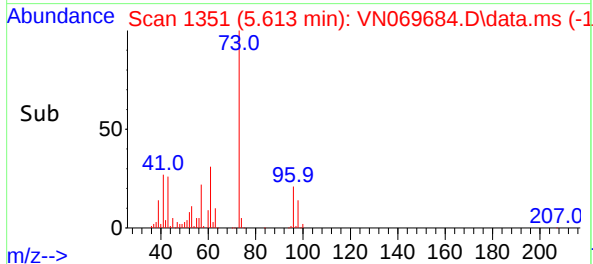
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 73 Resp: 732148
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

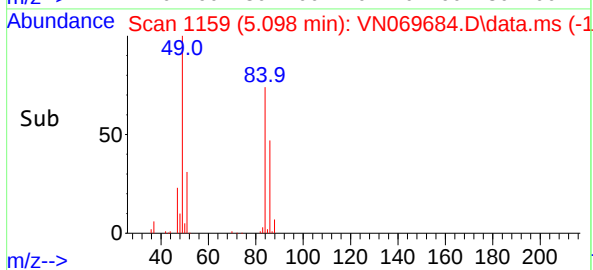
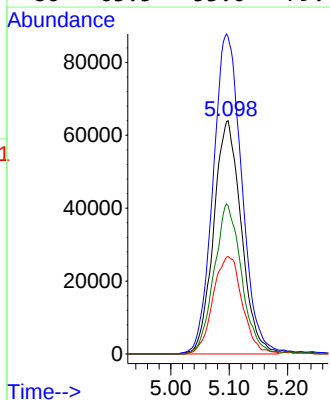
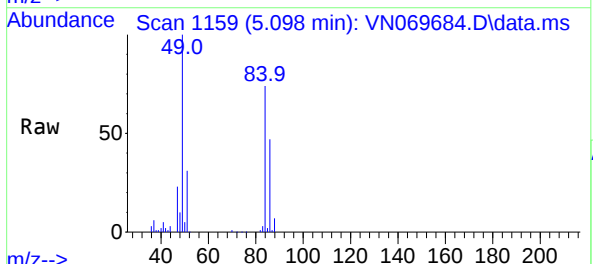
Manual Integrations
APPROVED

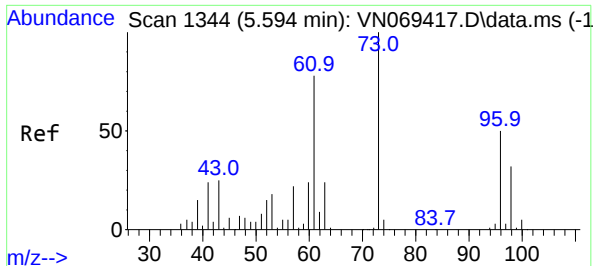
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#20
Methylene Chloride
Concen: 17.819 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

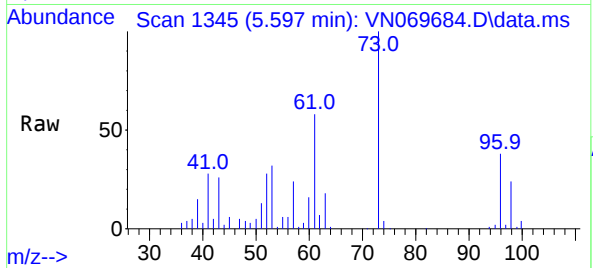
Tgt Ion: 84 Resp: 210284
Ion Ratio Lower Upper
84 100
49 135.9 93.5 140.3
51 41.8 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.397 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

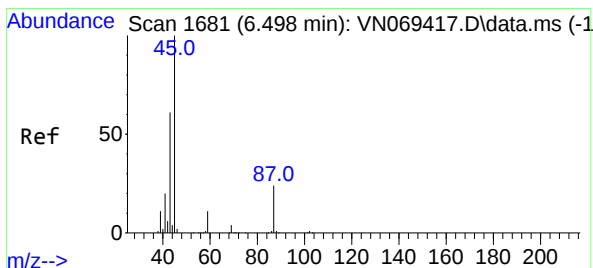
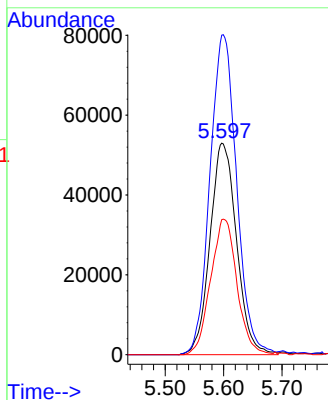
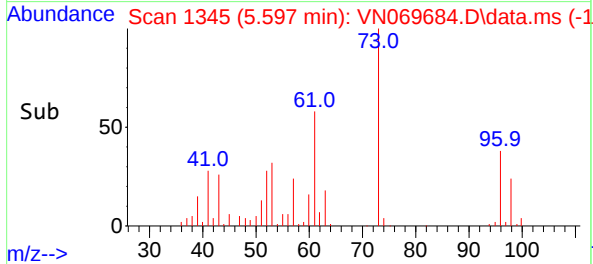
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 96 Resp: 167544
Ion Ratio Lower Upper
96 100
61 151.1 105.8 158.6
98 63.8 52.0 78.0

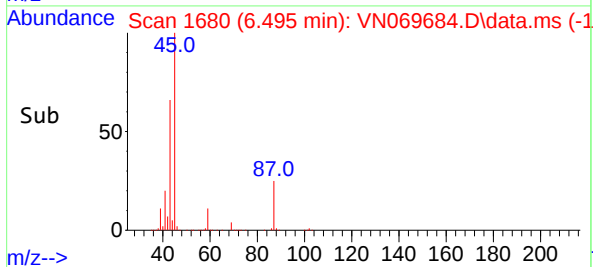
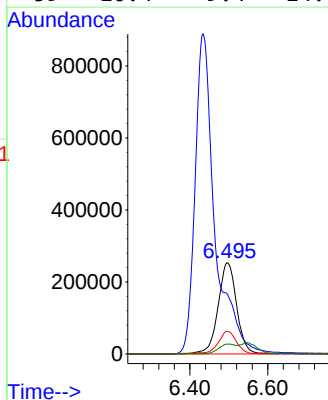
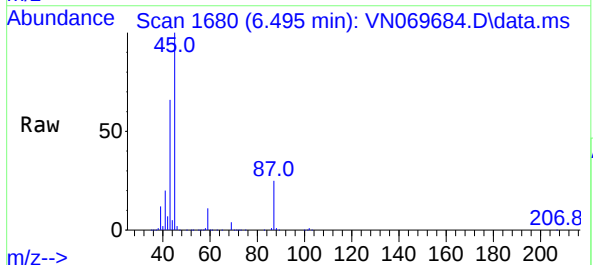
Manual Integrations
APPROVED

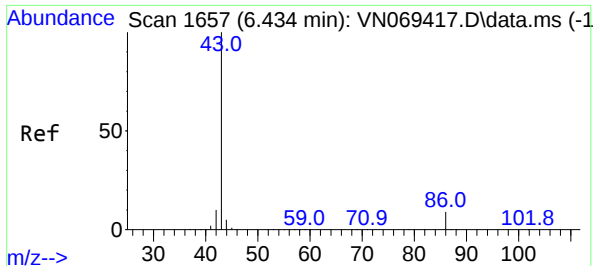
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#22
Diisopropyl ether
Concen: 20.447 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 45 Resp: 839610
Ion Ratio Lower Upper
45 100
43 65.3 51.7 77.5
87 24.6 23.2 34.8
59 10.4 9.4 14.0





#23

Vinyl Acetate

Concen: 98.794 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tgt Ion: 43 Resp: 3137718

Ion Ratio Lower Upper

43 100

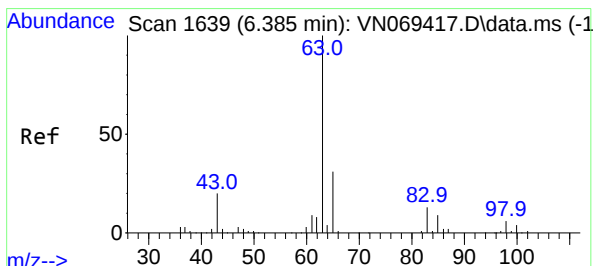
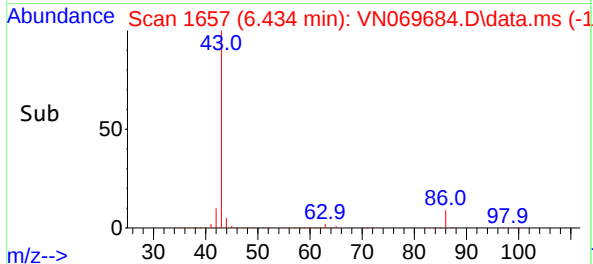
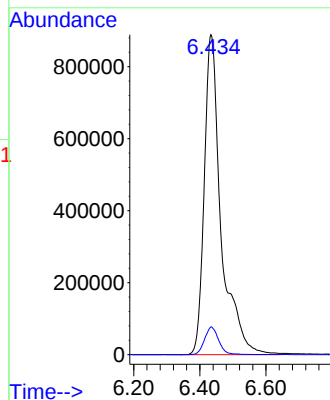
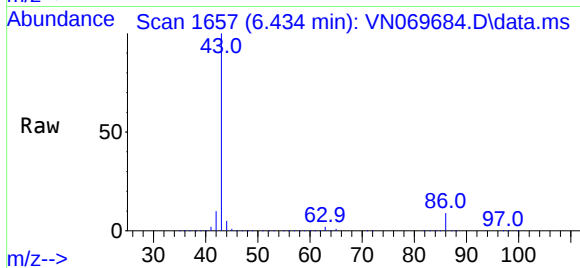
86 8.7 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#24

1,1-Dichloroethane

Concen: 19.520 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.003 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

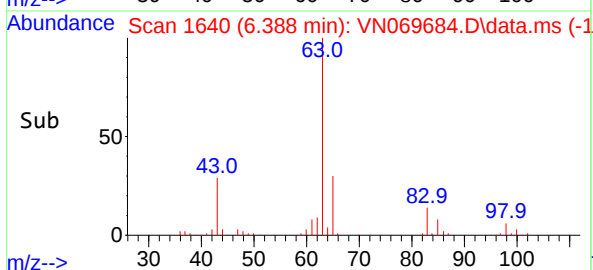
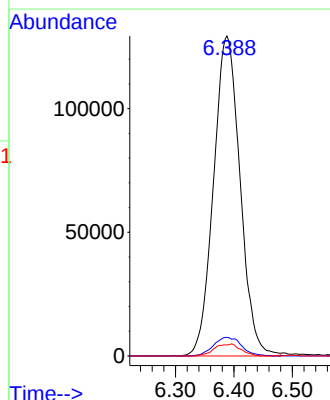
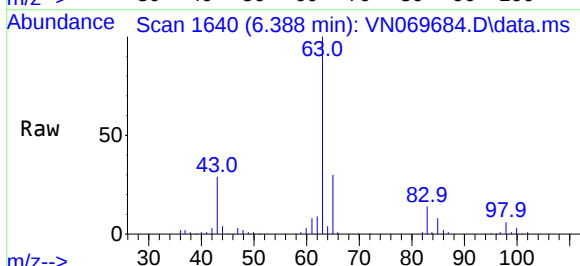
Tgt Ion: 63 Resp: 408272

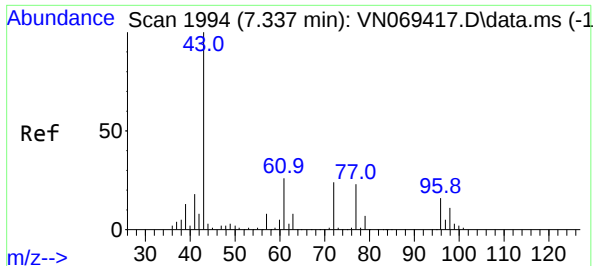
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 3.5 2.1 6.5





#25

2-Butanone

Concen: 91.569 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.002 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tgt Ion: 43 Resp: 103189

Ion Ratio Lower Upper

43 100

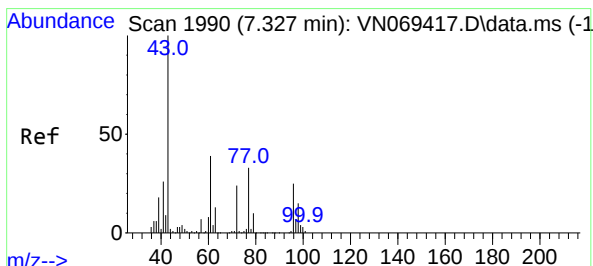
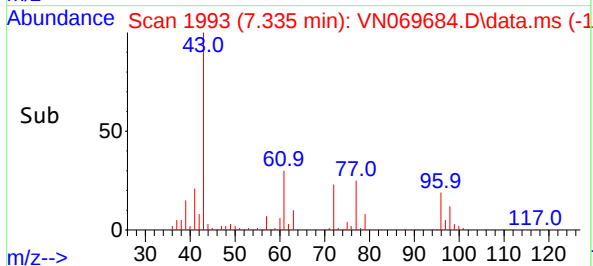
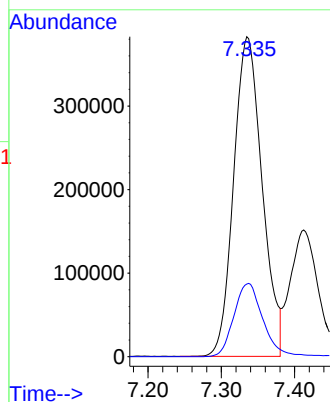
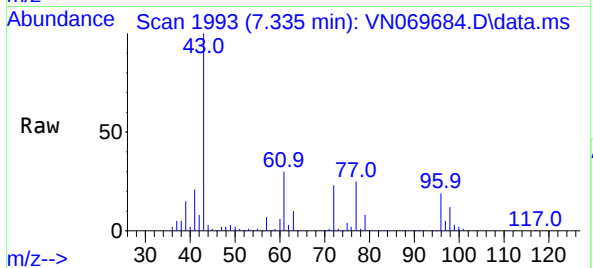
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#26

2,2-Dichloropropane

Concen: 19.098 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069684.D

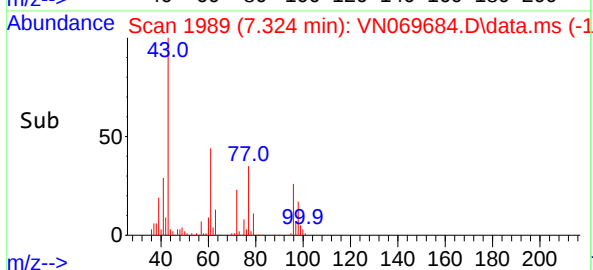
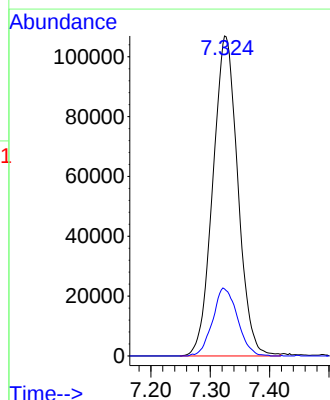
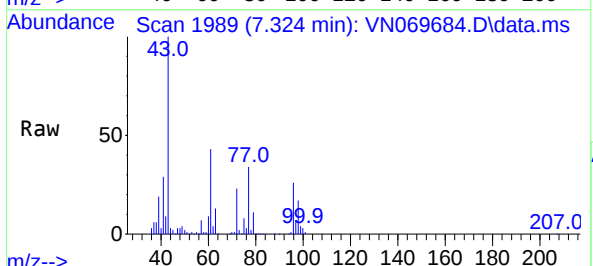
Acq: 30 Nov 2021 15:58

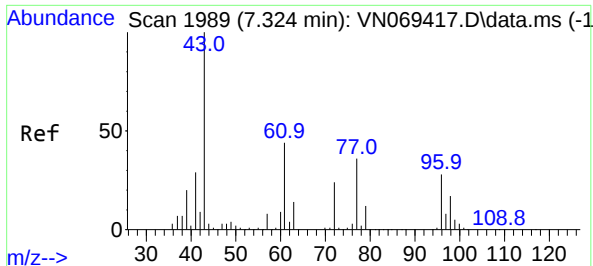
Tgt Ion: 77 Resp: 312521

Ion Ratio Lower Upper

77 100

97 21.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.928 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tgt Ion: 96 Resp: 225960

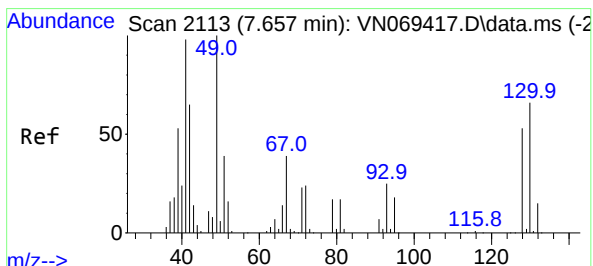
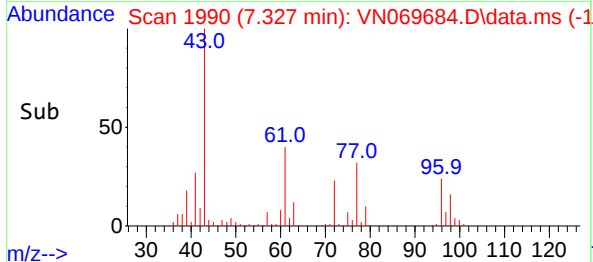
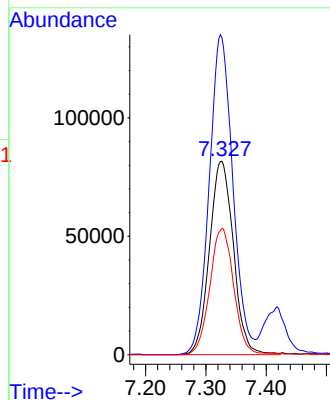
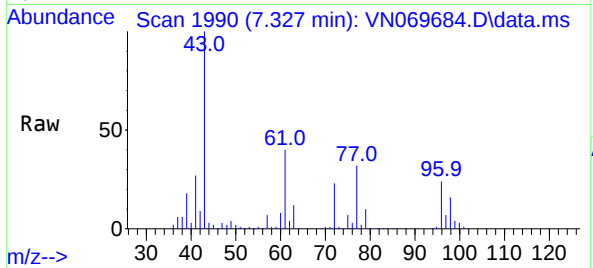
Ion	Ratio	Lower	Upper
96	100		
61	163.0	0.0	275.0
98	64.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#28

Bromochloromethane

Concen: 22.361 ug/l

RT: 7.657 min Scan# 2113

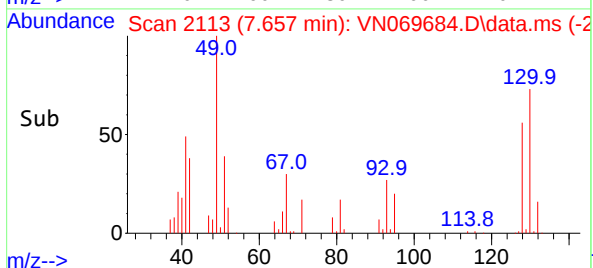
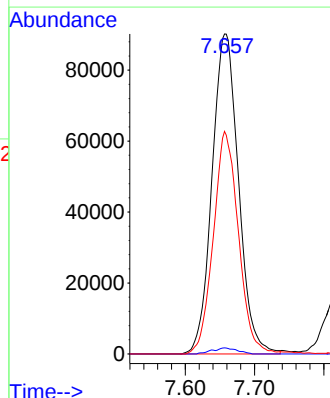
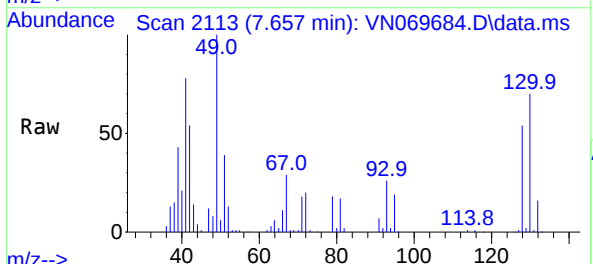
Delta R.T. -0.000 min

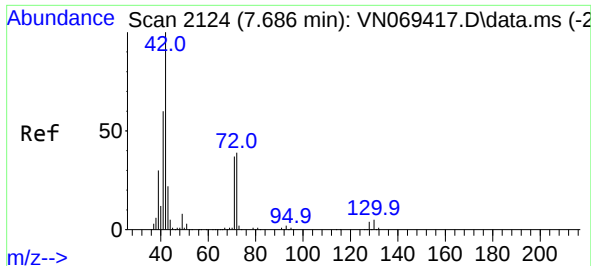
Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Tgt Ion: 49 Resp: 239505

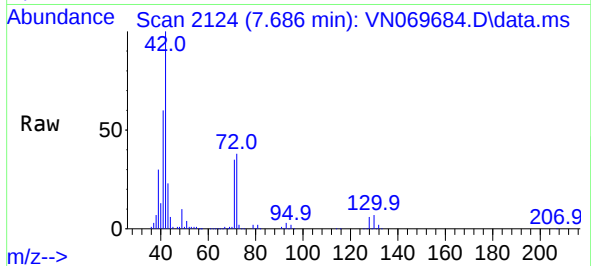
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	65.8	67.8	101.8#





#29
Tetrahydrofuran
Concen: 92.037 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

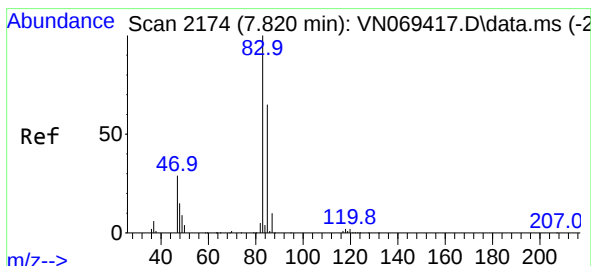
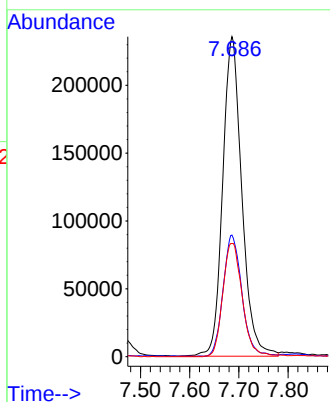
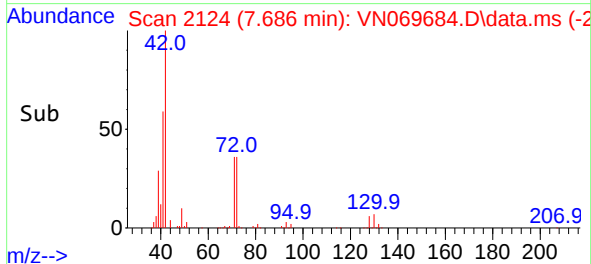
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



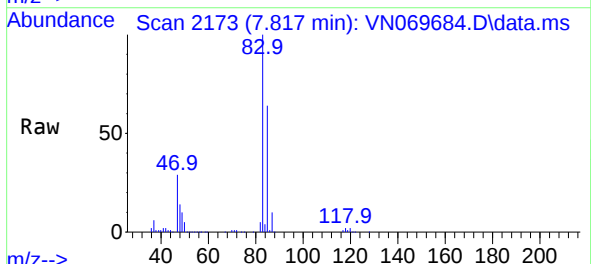
Tgt Ion: 42 Resp: 636488
Ion Ratio Lower Upper
42 100
72 37.2 36.3 54.5
71 36.0 34.7 52.1

Manual Integrations
APPROVED

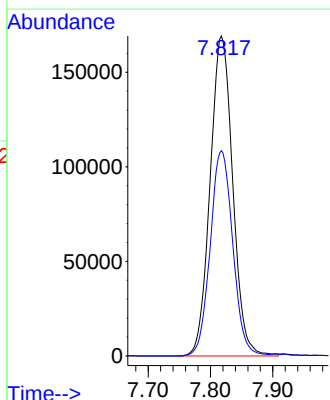
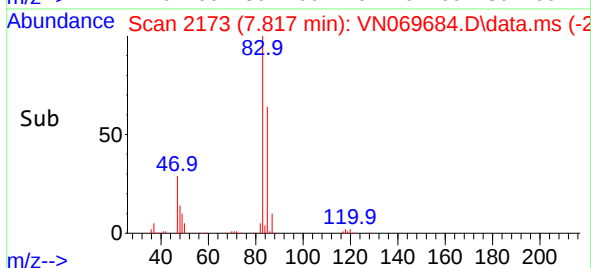
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

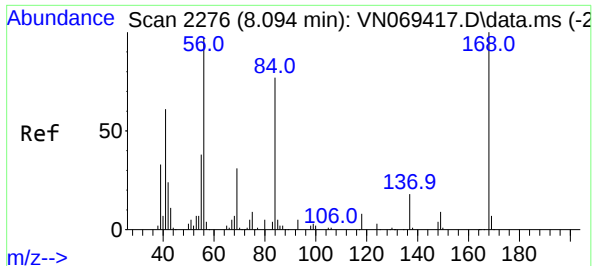


#30
Chloroform
Concen: 19.917 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



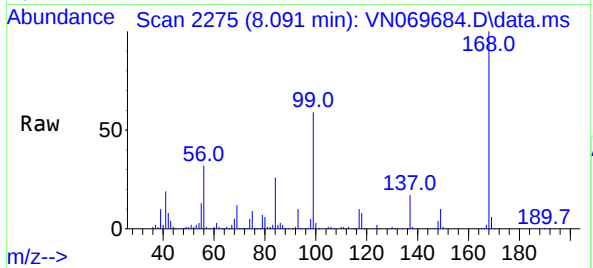
Tgt Ion: 83 Resp: 427063
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9





#31
Cyclohexane
Concen: 16.508 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

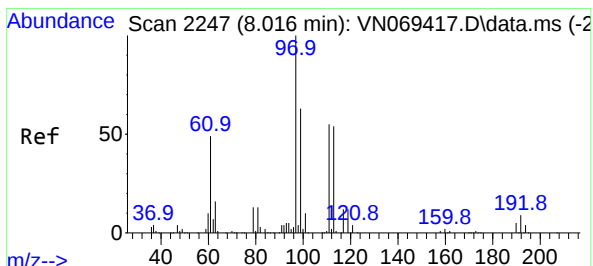
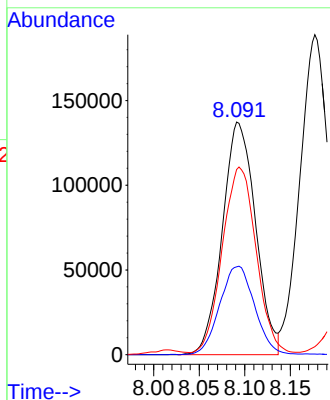
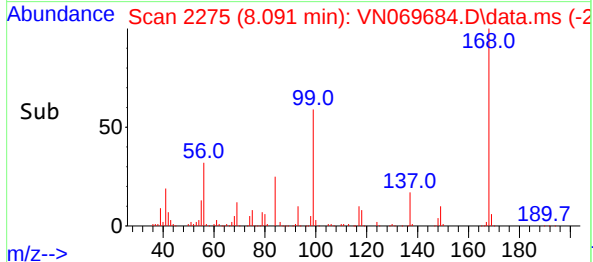
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



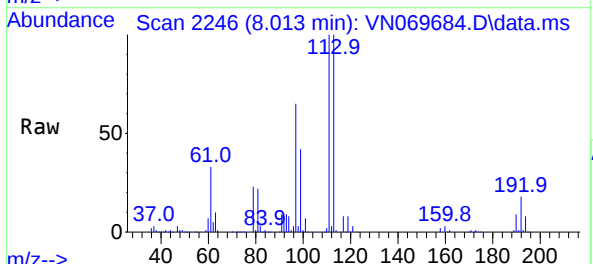
Tgt Ion: 56 Resp: 347870
Ion Ratio Lower Upper
56 100
69 37.8 27.1 40.7
84 78.2 73.4 110.0

Manual Integrations
APPROVED

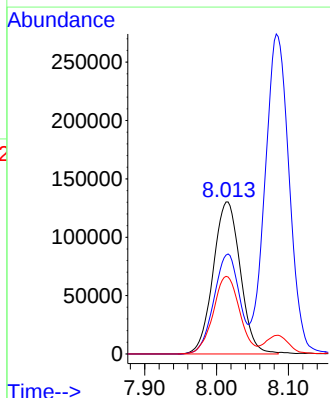
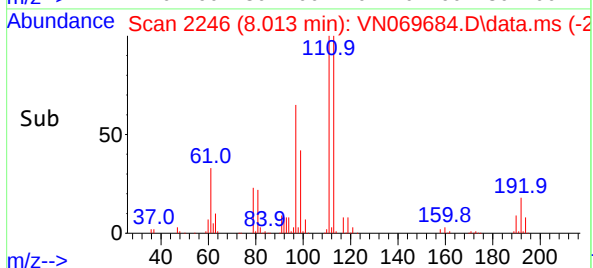
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

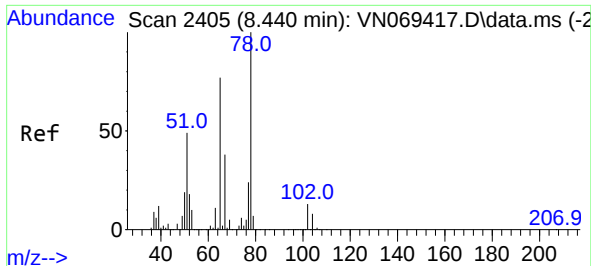


#32
1,1,1-Trichloroethane
Concen: 19.091 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



Tgt Ion: 97 Resp: 341694
Ion Ratio Lower Upper
97 100
99 62.2 50.1 75.1
61 49.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.604 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tgt Ion: 65 Resp: 78055

Ion Ratio Lower Upper

65 100

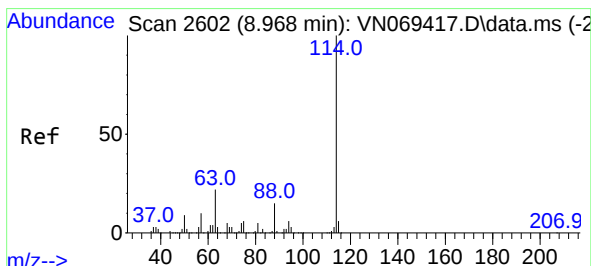
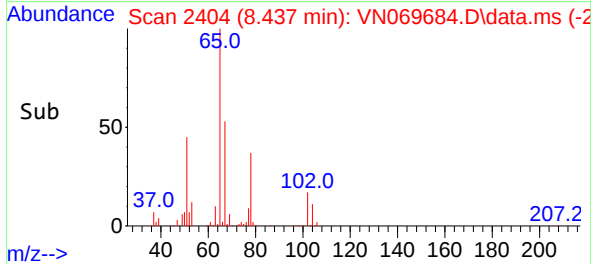
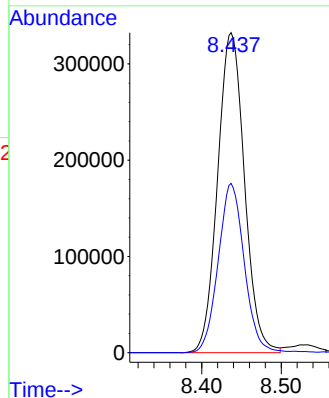
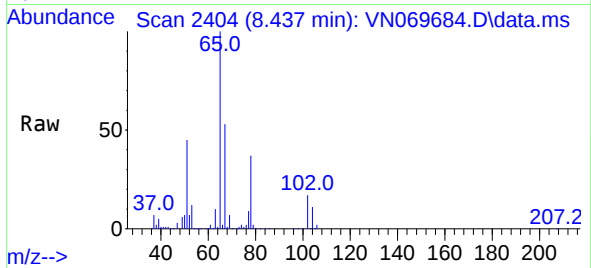
67 51.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

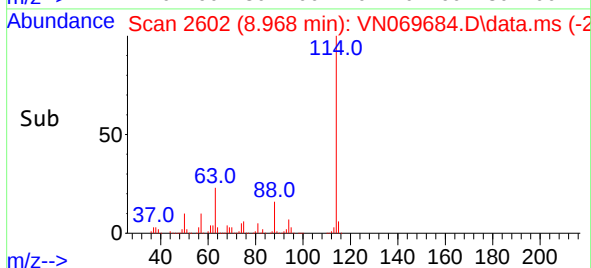
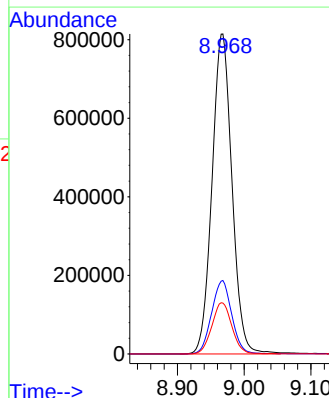
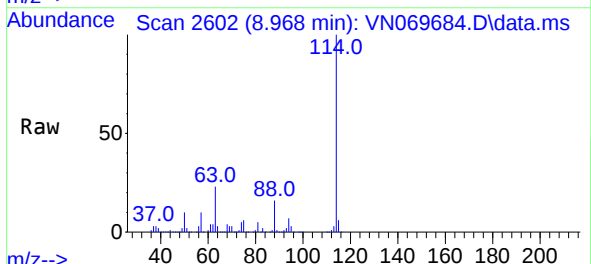
Tgt Ion:114 Resp: 1689570

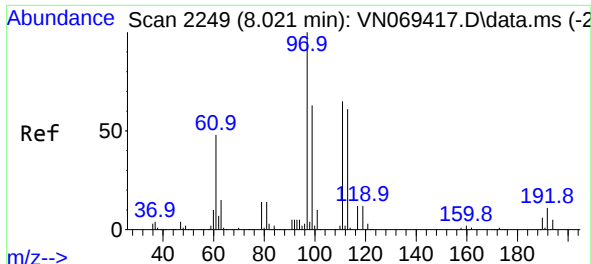
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

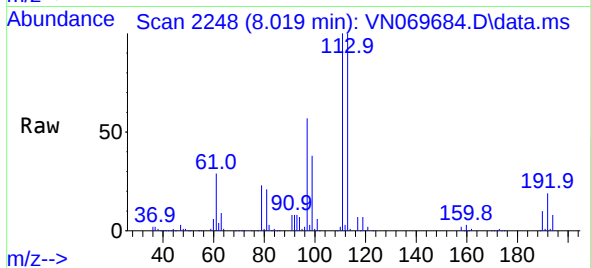
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.696 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

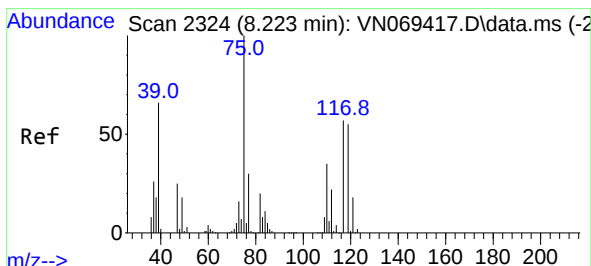
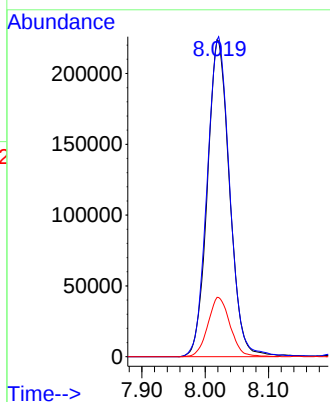
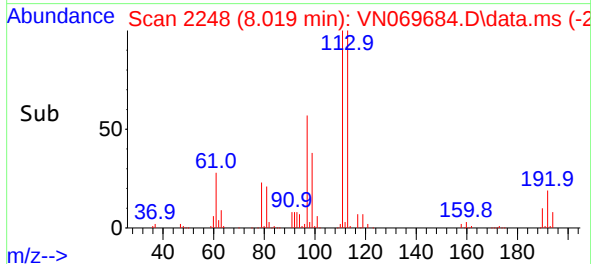
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion:113 Resp: 544124
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.8 16.9 25.3

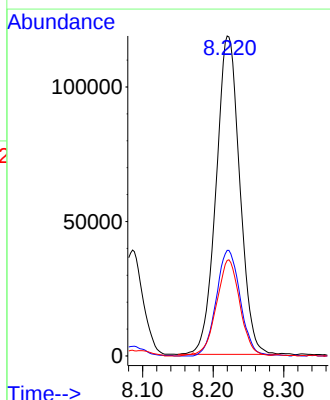
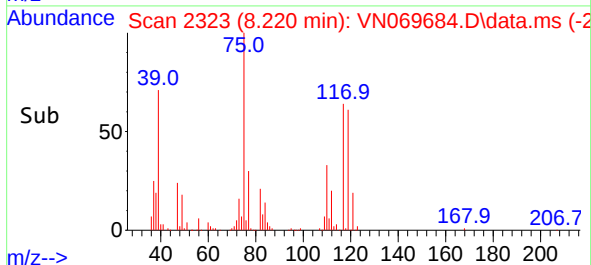
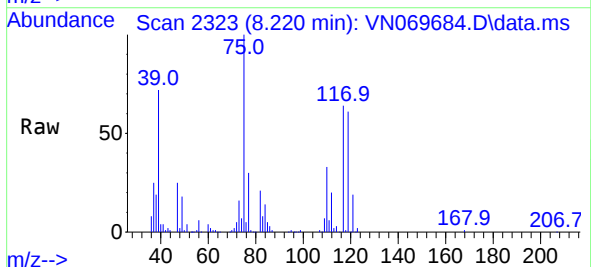
Manual Integrations
APPROVED

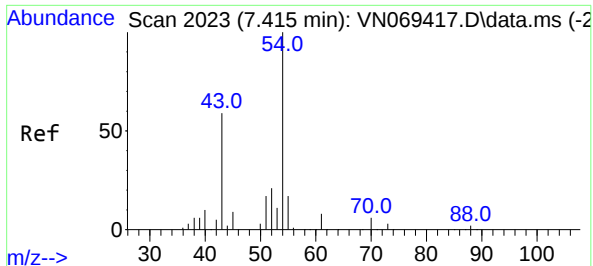
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#36
1,1-Dichloropropene
Concen: 19.387 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 75 Resp: 275619
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 30.1 24.4 36.6





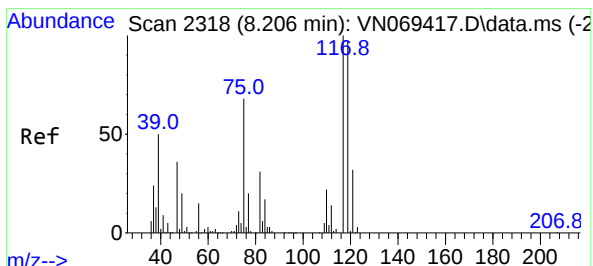
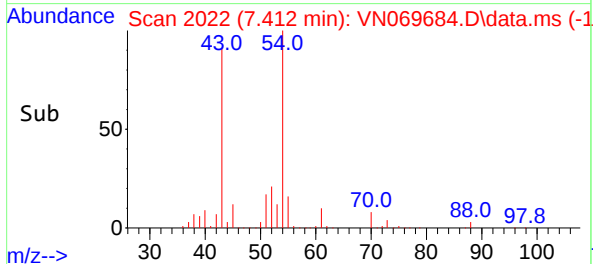
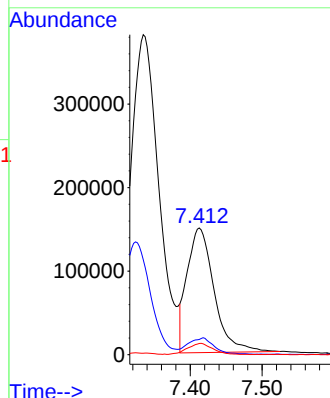
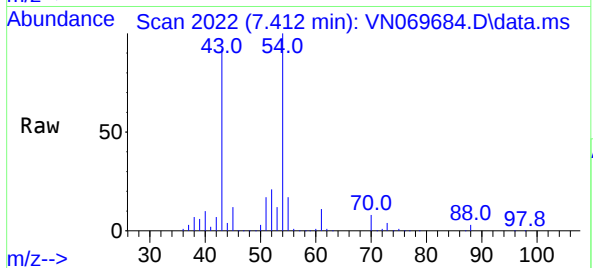
#37
Ethyl Acetate
Concen: 20.233 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 43 Resp: 38882
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.0 7.9 11.9

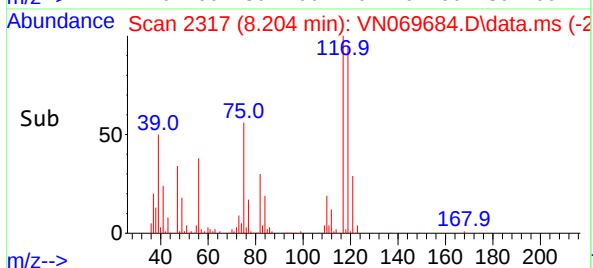
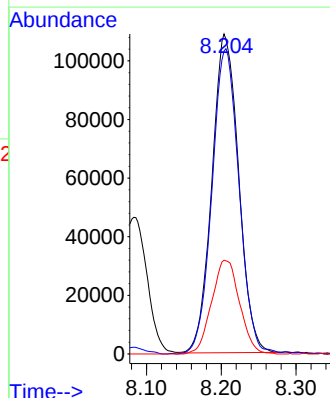
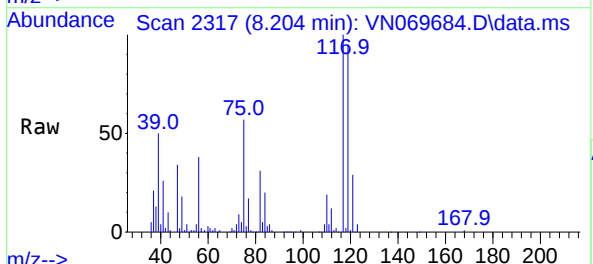
Manual Integrations
APPROVED

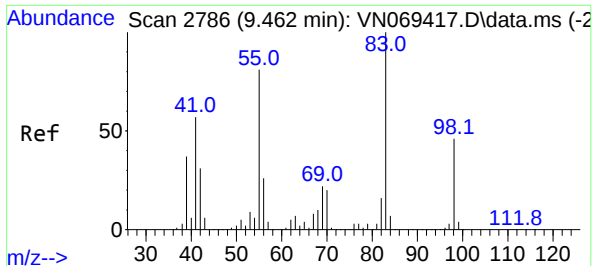
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#38
Carbon Tetrachloride
Concen: 19.642 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion:117 Resp: 269595
Ion Ratio Lower Upper
117 100
119 95.0 76.1 114.1
121 29.5 24.2 36.2





#39

Methylcyclohexane

Concen: 17.607 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tgt Ion: 83 Resp: 31139

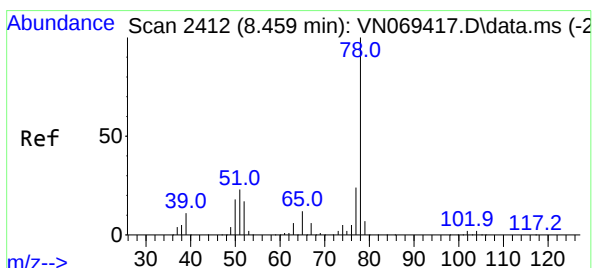
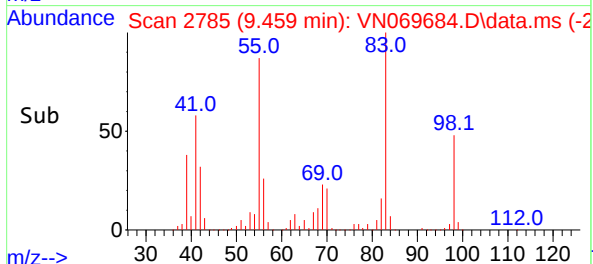
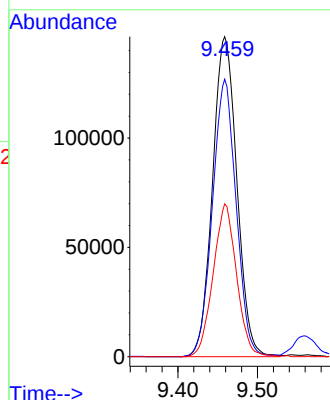
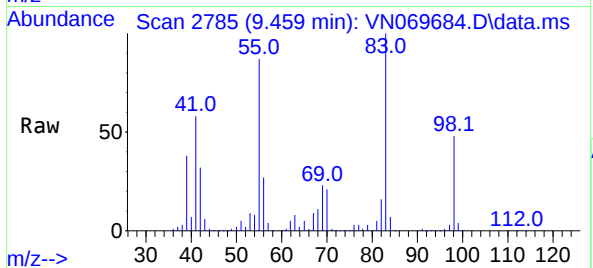
Ion	Ratio	Lower	Upper
83	100		
55	86.7	58.1	87.1
98	47.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#40

Benzene

Concen: 19.764 ug/l

RT: 8.458 min Scan# 2412

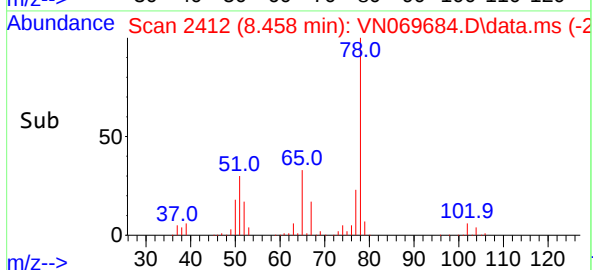
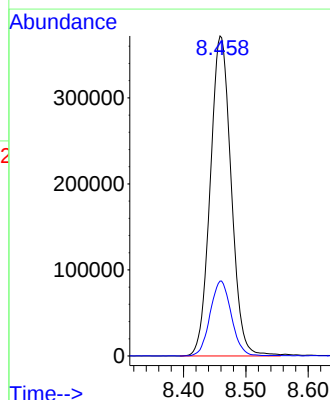
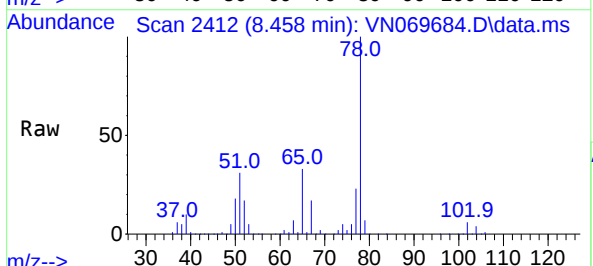
Delta R.T. -0.001 min

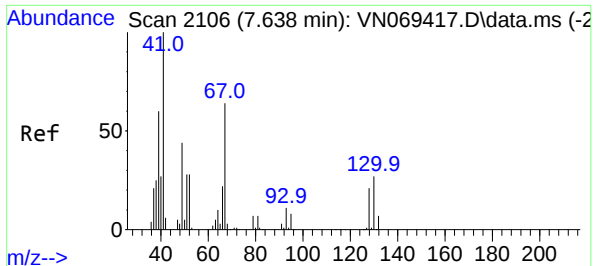
Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Tgt Ion: 78 Resp: 867299

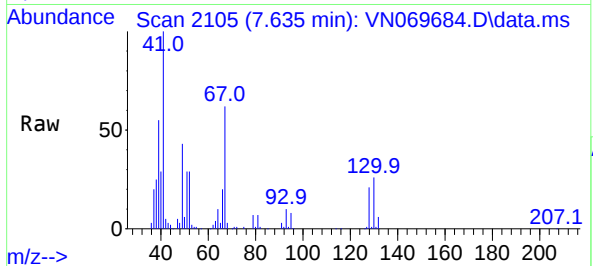
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8





#41
Methacrylonitrile
Concen: 19.899 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

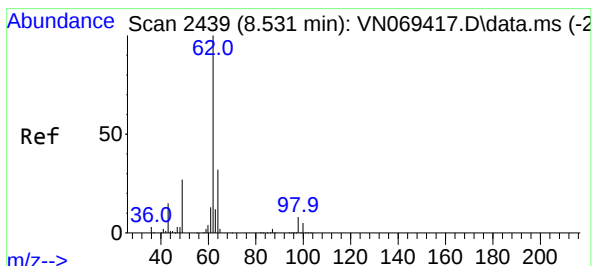
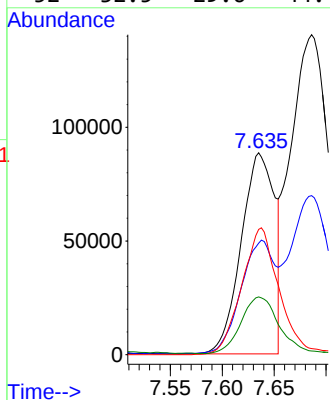
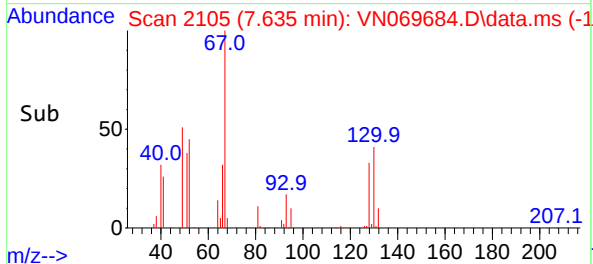
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 41 Resp: 197590
Ion Ratio Lower Upper
41 100
39 57.1 48.1 72.1
67 71.2 68.3 102.5
52 32.5 29.6 44.4

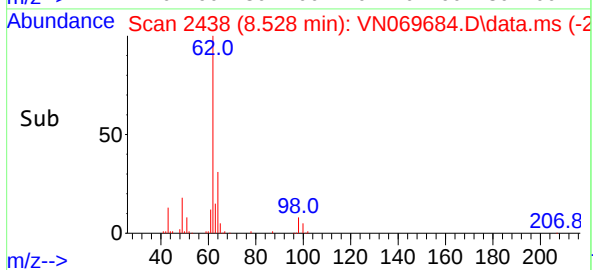
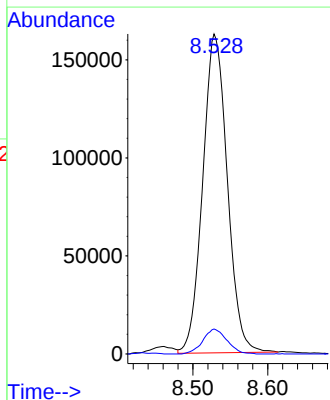
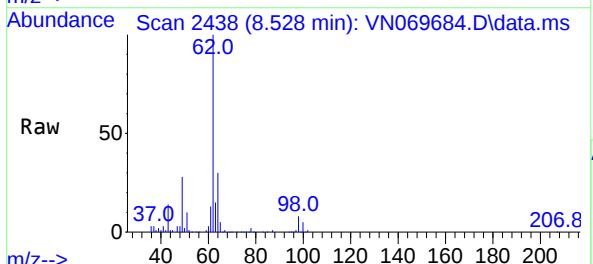
Manual Integrations
APPROVED

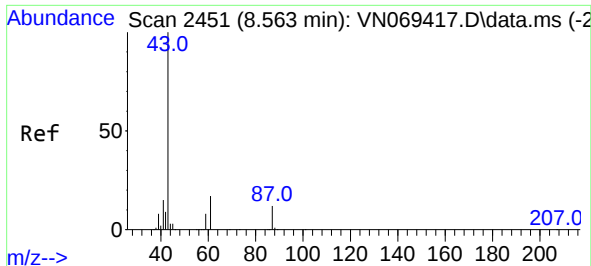
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#42
1,2-Dichloroethane
Concen: 21.622 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

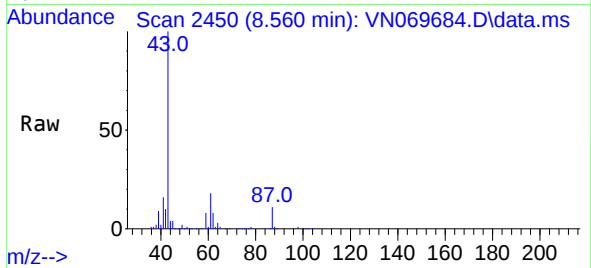
Tgt Ion: 62 Resp: 371515
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.351 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

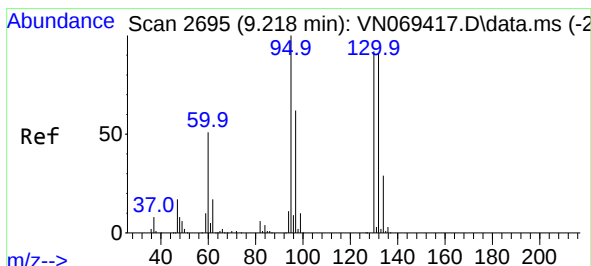
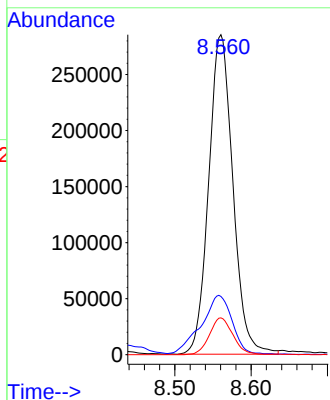
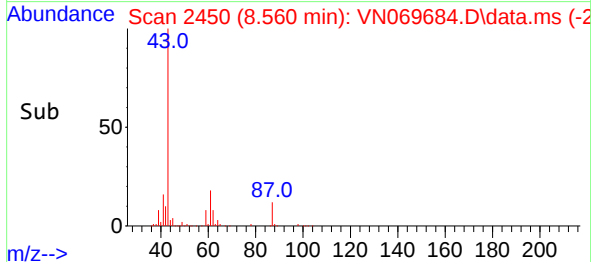
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 43 Resp: 62819
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 11.2 11.2 16.8

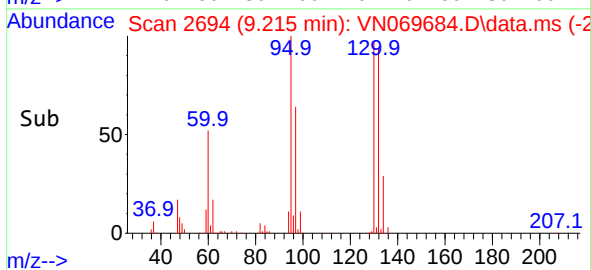
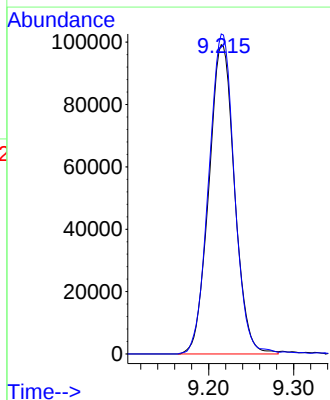
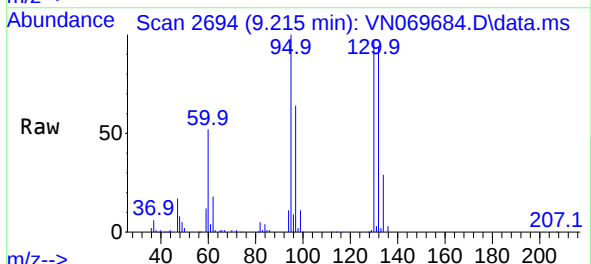
Manual Integrations
APPROVED

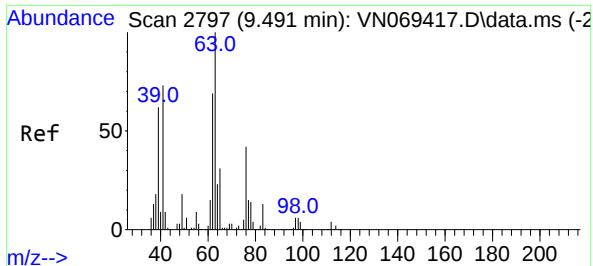
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#44
Trichloroethene
Concen: 19.862 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion:130 Resp: 208596
Ion Ratio Lower Upper
130 100
95 103.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.360 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tgt Ion: 63 Resp: 25043

Ion Ratio Lower Upper

63 100

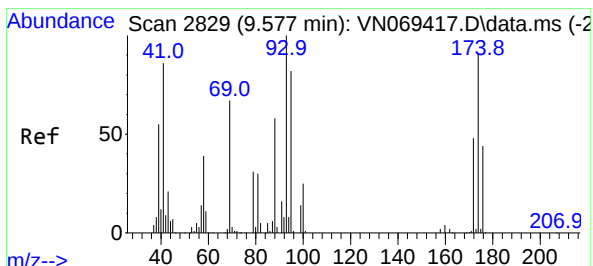
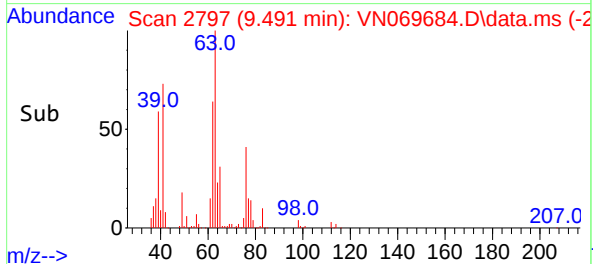
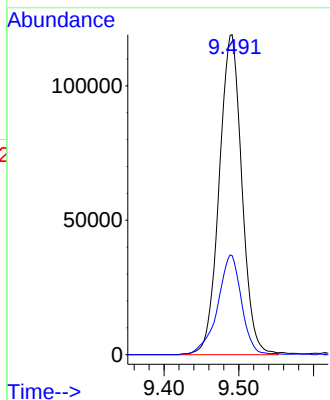
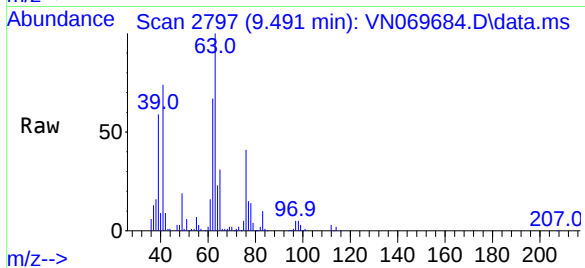
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#46

Dibromomethane

Concen: 20.155 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

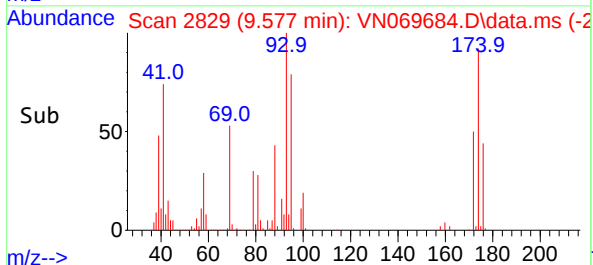
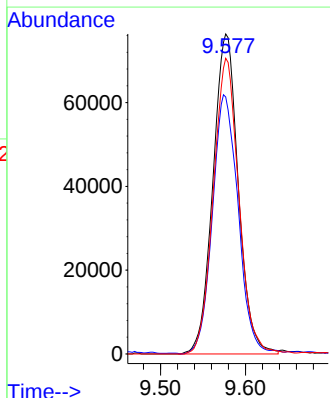
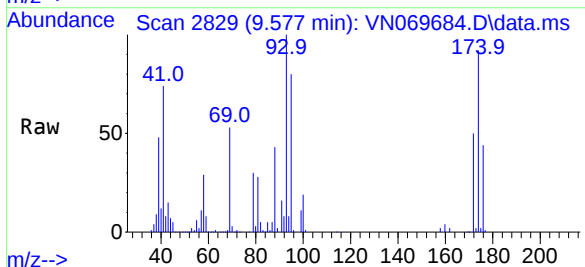
Tgt Ion: 93 Resp: 158274

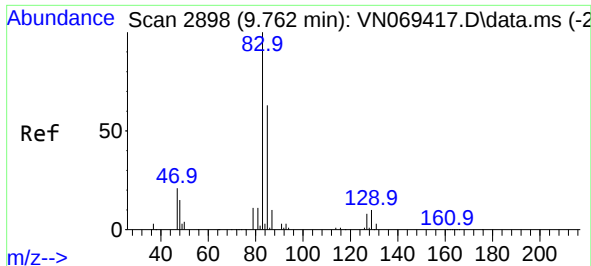
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 93.0 84.6 127.0





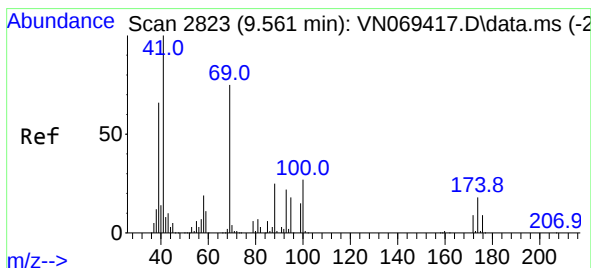
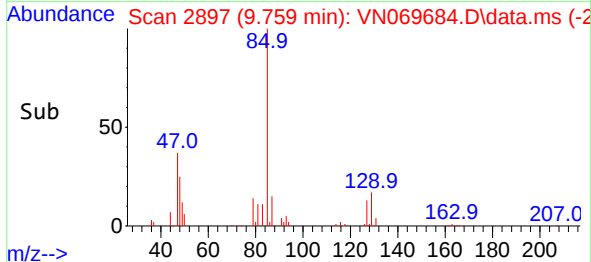
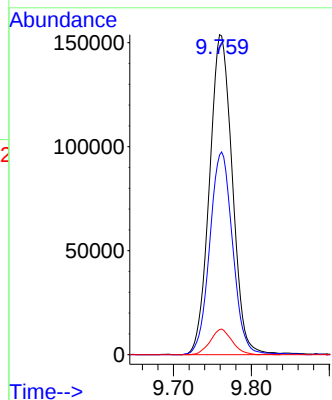
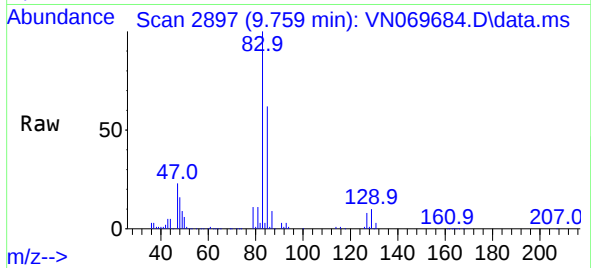
#47
Bromodichloromethane
Concen: 21.364 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 83 Resp: 313062
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3
127 7.8 7.1 10.7

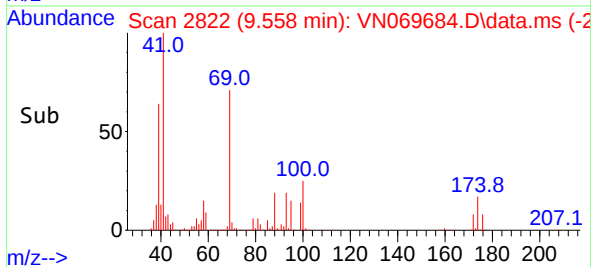
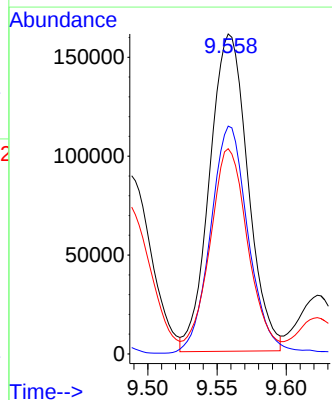
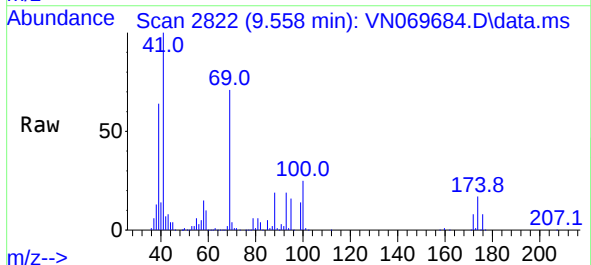
Manual Integrations
APPROVED

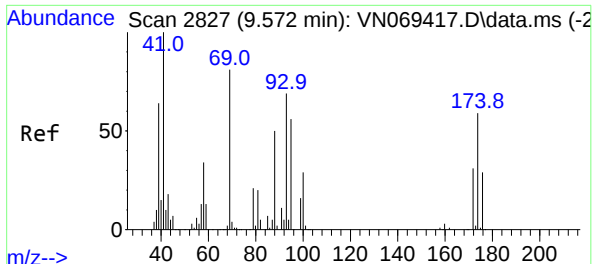
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#48
Methyl methacrylate
Concen: 21.280 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 41 Resp: 309044
Ion Ratio Lower Upper
41 100
69 70.9 72.4 108.6
39 63.5 58.4 87.6





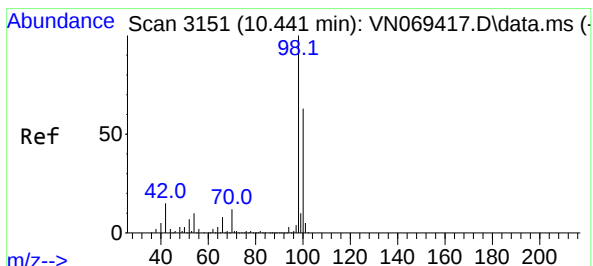
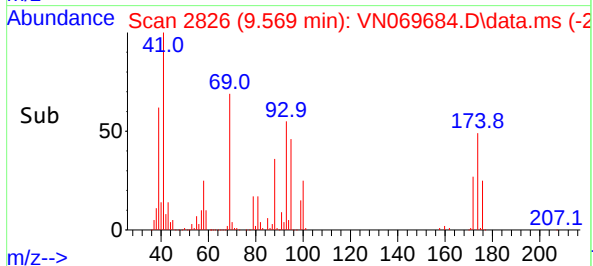
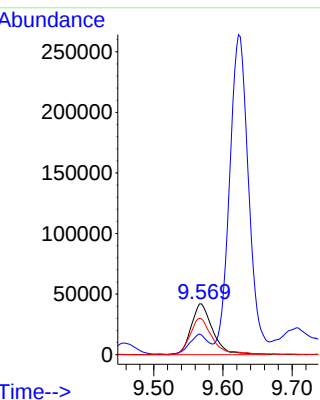
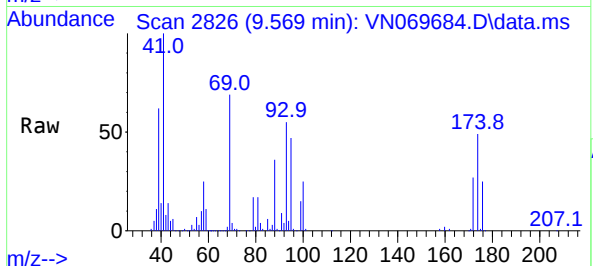
#49
1,4-Dioxane
Concen: 341.747 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 88 Resp: 9065
Ion Ratio Lower Upper
88 100
43 33.9 23.4 35.2
58 70.3 50.6 75.8

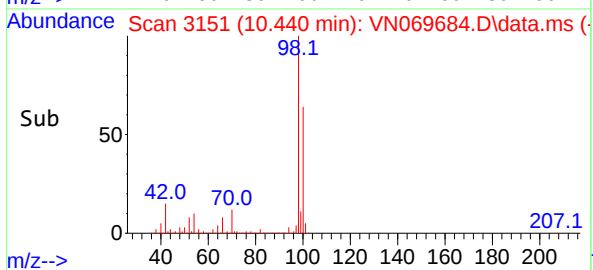
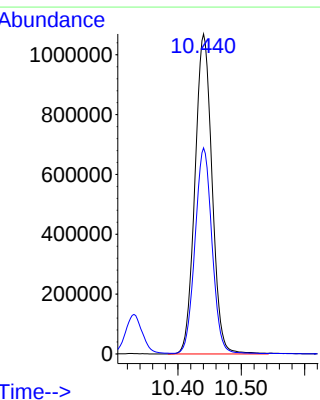
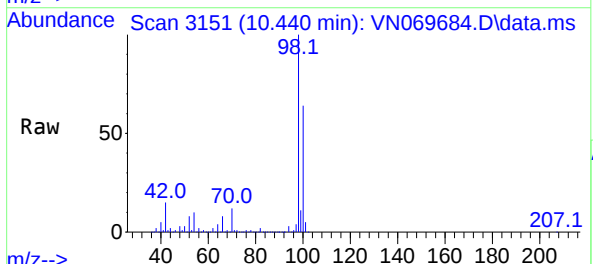
Manual Integrations
APPROVED

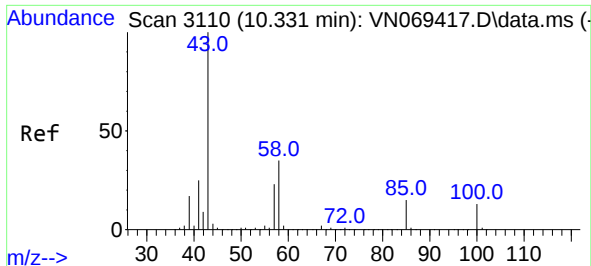
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#50
Toluene-d8
Concen: 50.308 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 98 Resp: 2004969
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





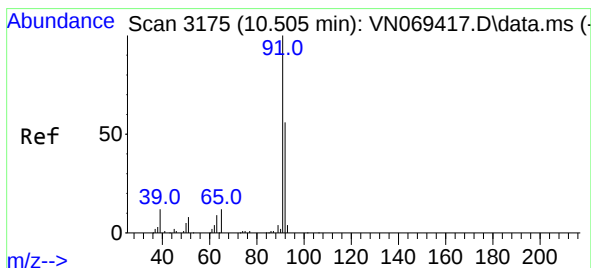
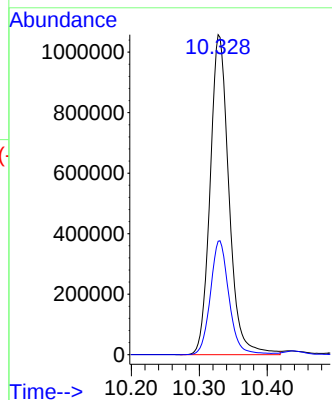
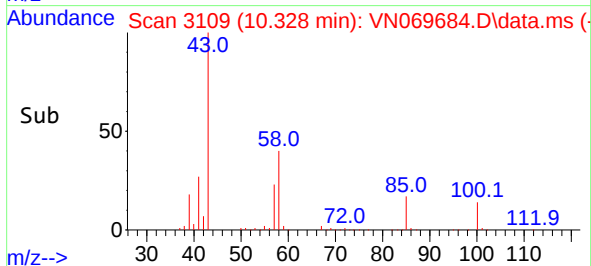
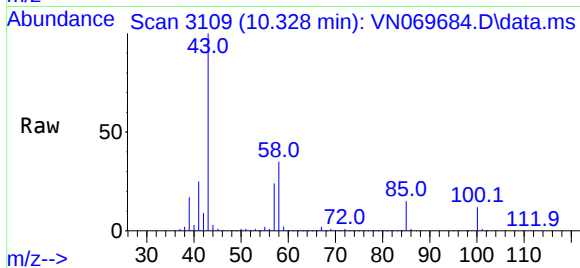
#51
4-Methyl-2-Pentanone
Concen: 102.034 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 43 Resp: 2032984
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

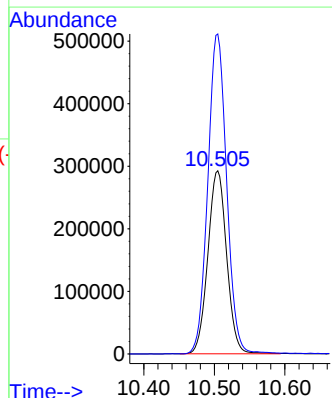
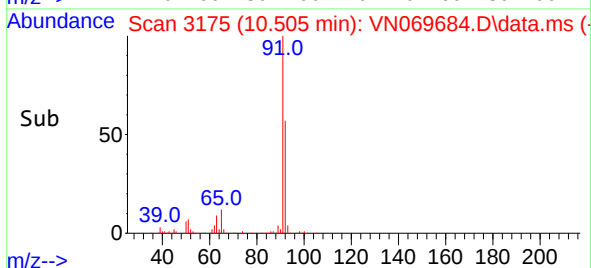
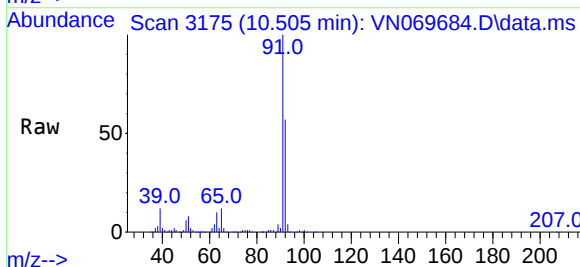
Manual Integrations
APPROVED

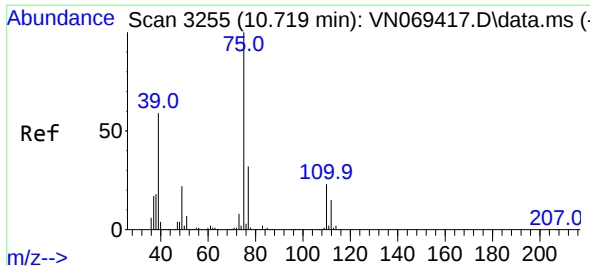
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#52
Toluene
Concen: 19.824 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

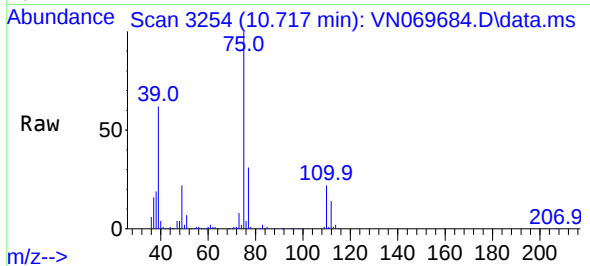
Tgt Ion: 92 Resp: 541935
Ion Ratio Lower Upper
92 100
91 175.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.051 ug/l
RT: 10.717 min Scan# 31219
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

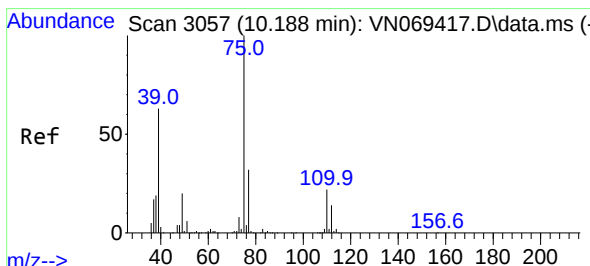
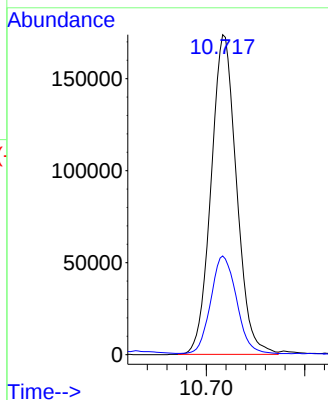
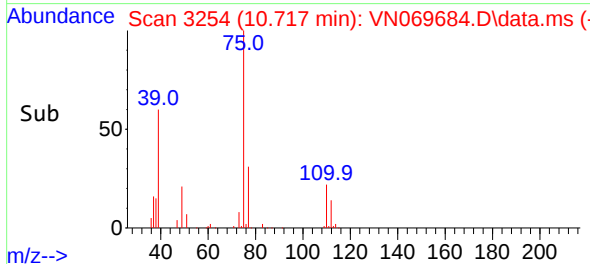
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



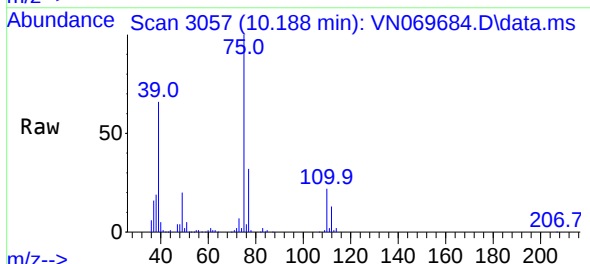
Tgt Ion: 75 Resp: 31219
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations
APPROVED

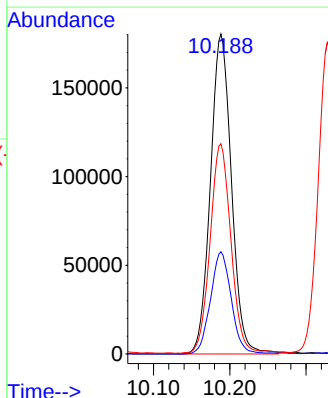
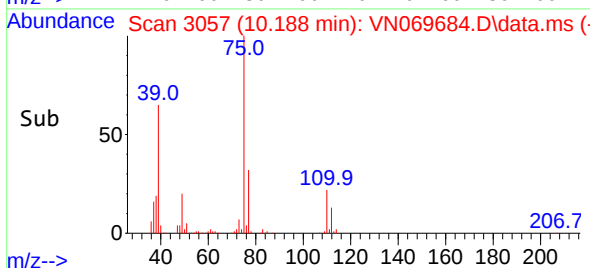
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

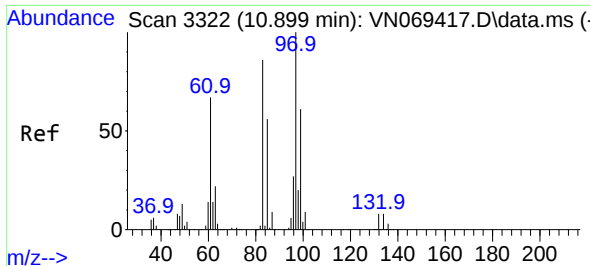


#54
cis-1,3-Dichloropropene
Concen: 19.301 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



Tgt Ion: 75 Resp: 345528
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 65.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.371 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

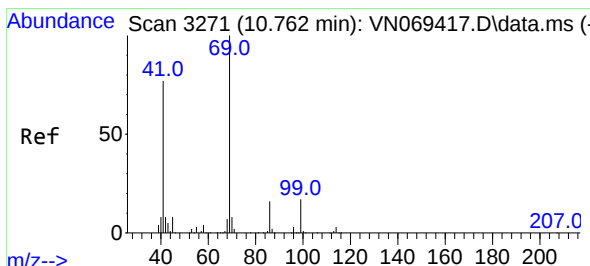
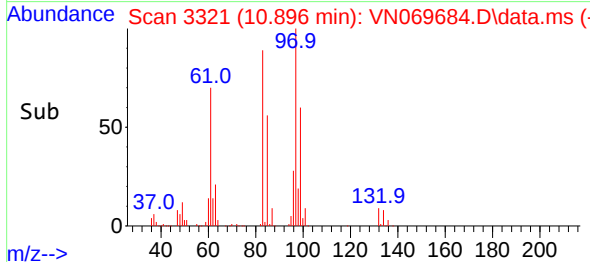
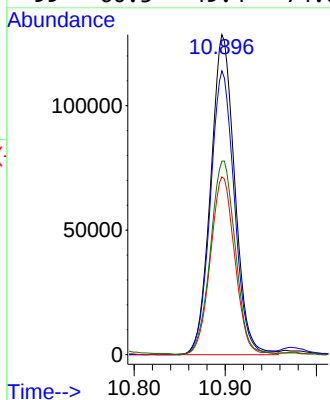
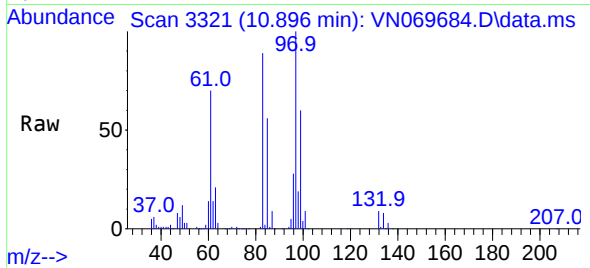
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 97 Resp: 235504

Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.8	101.6
85	55.4	45.4	68.2
99	60.3	49.4	74.0

Manual Integrations
APPROVED

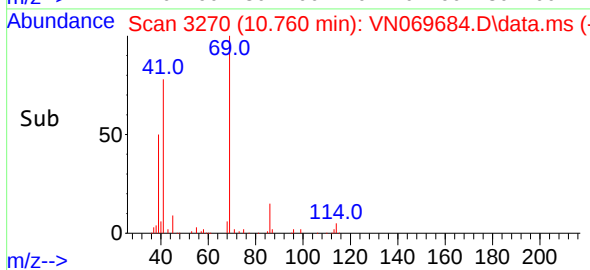
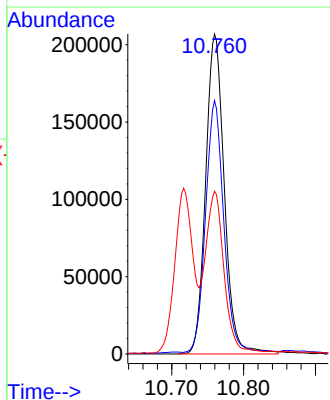
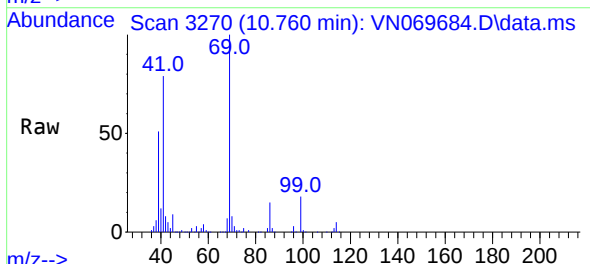
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#56
Ethyl methacrylate
Concen: 19.300 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 69 Resp: 373515

Ion	Ratio	Lower	Upper
69	100		
41	76.8	51.4	77.0
39	49.6	34.6	52.0





#57

1,3-Dichloropropane

Concen: 21.185 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069684.D

Acq: 30 Nov 2021 15:58

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBS01

Tgt Ion: 76 Resp: 41023

Ion Ratio Lower Upper

76 100

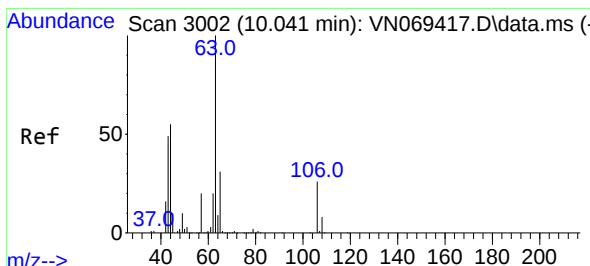
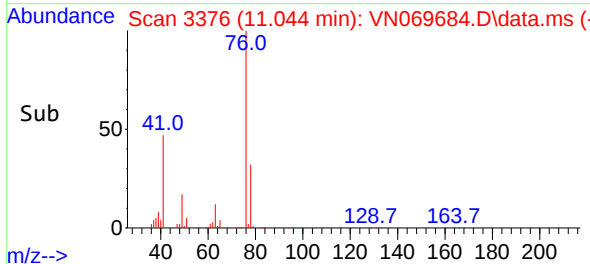
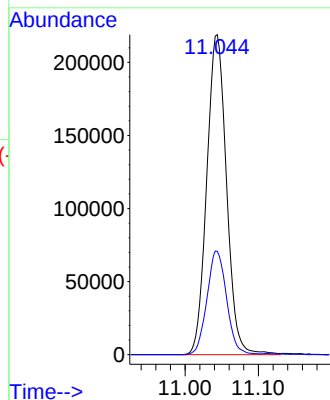
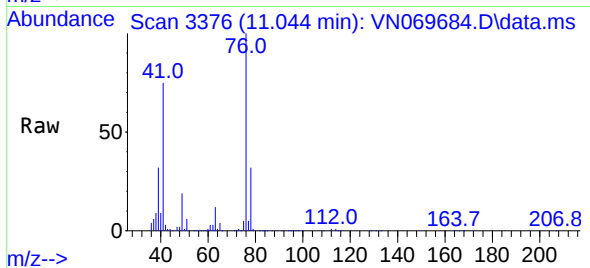
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2021

Supervised By :Mahesh Dadoda 12/01/2021



#58

2-Chloroethyl Vinyl ether

Concen: 90.850 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069684.D

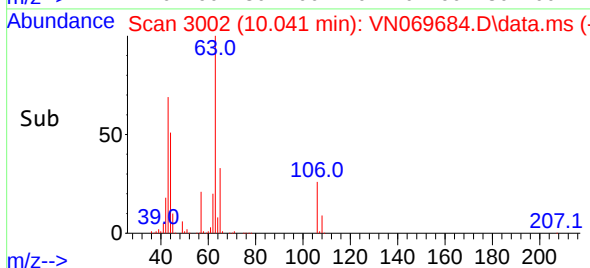
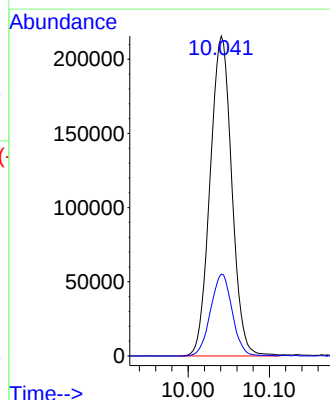
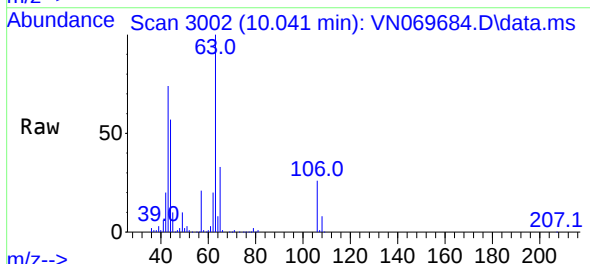
Acq: 30 Nov 2021 15:58

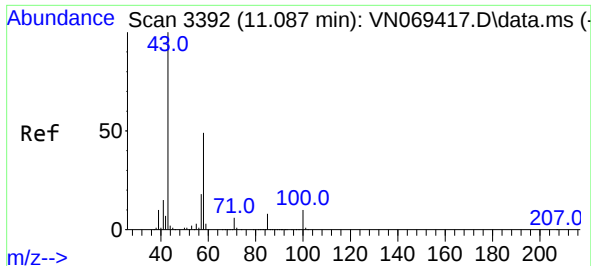
Tgt Ion: 63 Resp: 399970

Ion Ratio Lower Upper

63 100

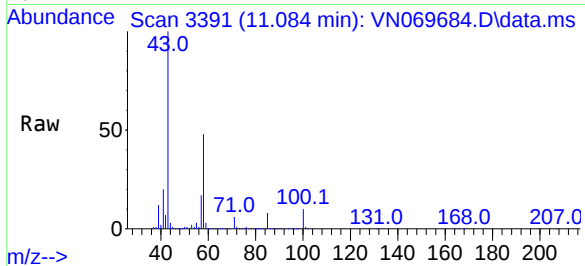
106 25.5 23.9 35.9





#59
2-Hexanone
Concen: 89.831 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

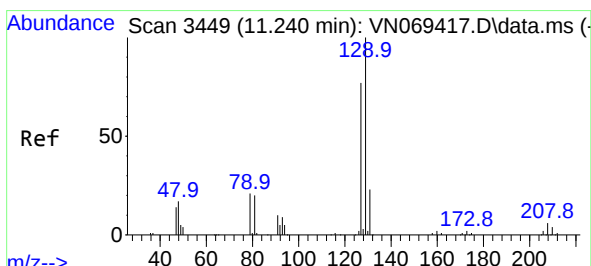
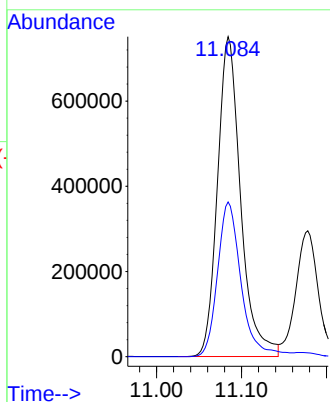
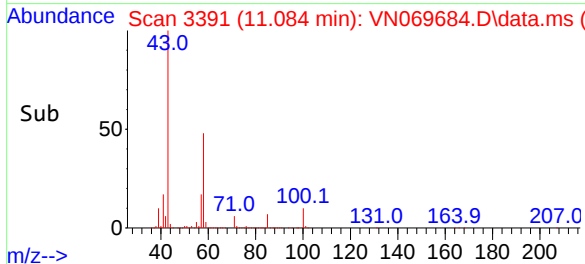
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 43 Resp: 142283
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

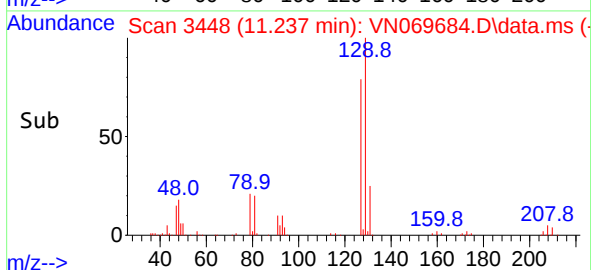
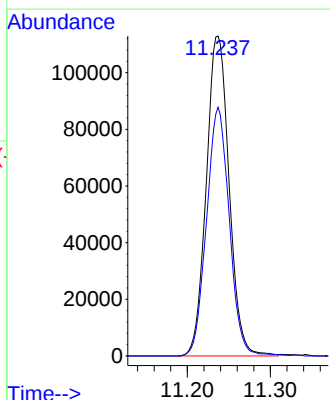
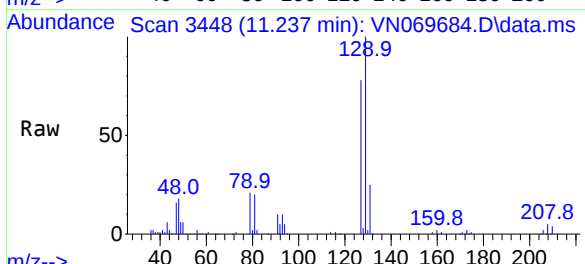
Manual Integrations
APPROVED

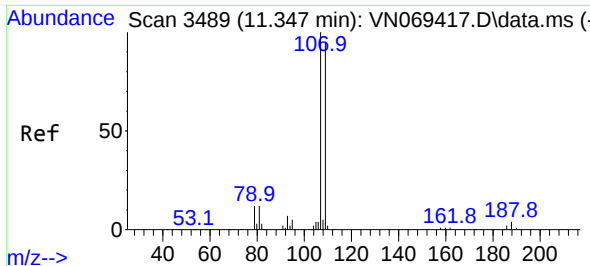
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#60
Dibromochloromethane
Concen: 19.367 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

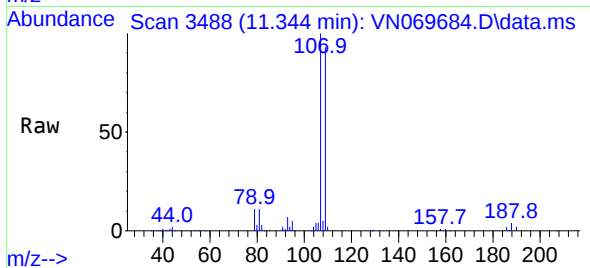
Tgt Ion:129 Resp: 215422
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.311 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

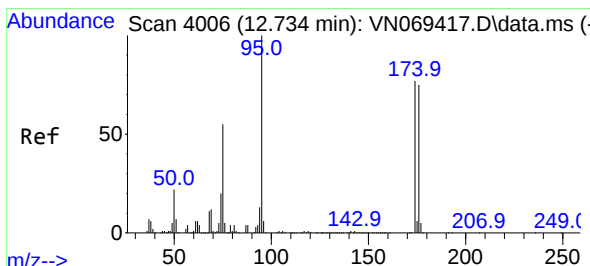
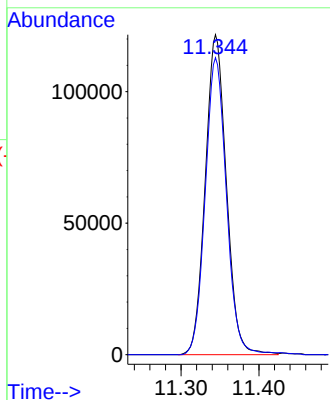
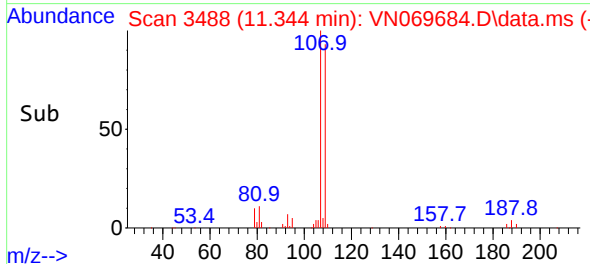
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



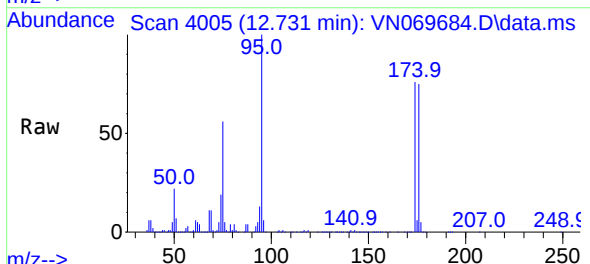
Tgt Ion:107 Resp: 229272
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

Manual Integrations
APPROVED

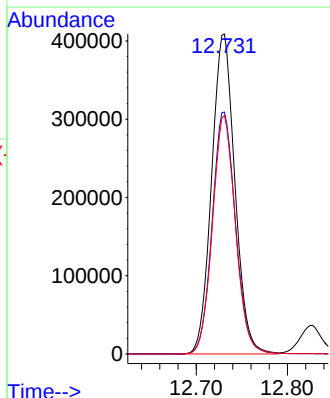
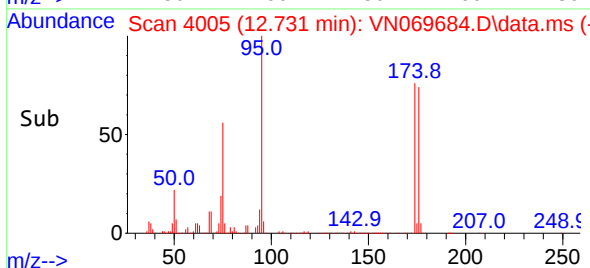
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

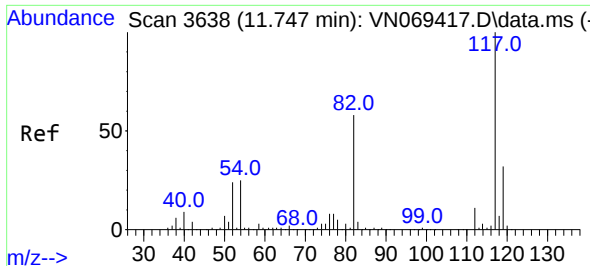


#62
4-Bromofluorobenzene
Concen: 49.456 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



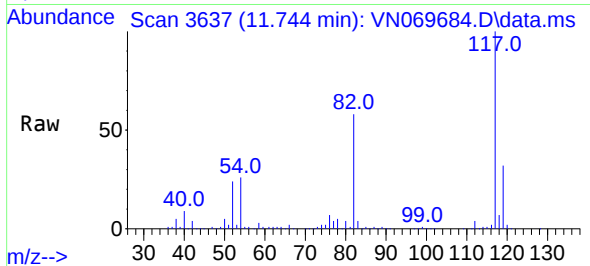
Tgt Ion: 95 Resp: 724078
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

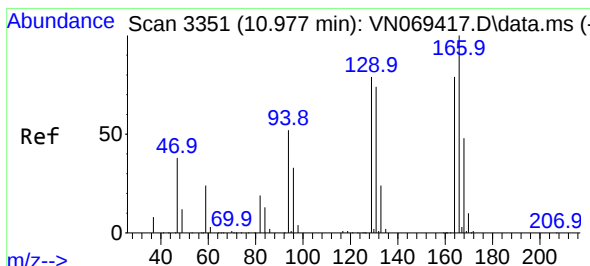
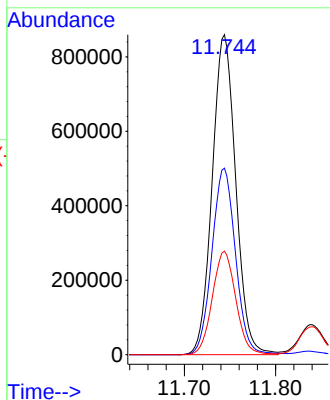
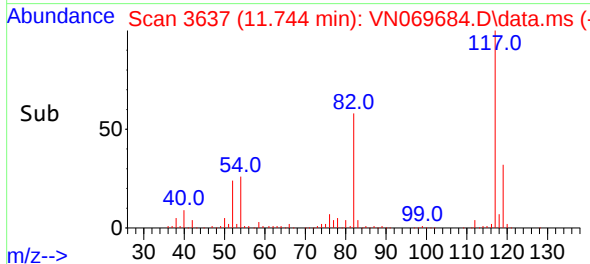
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



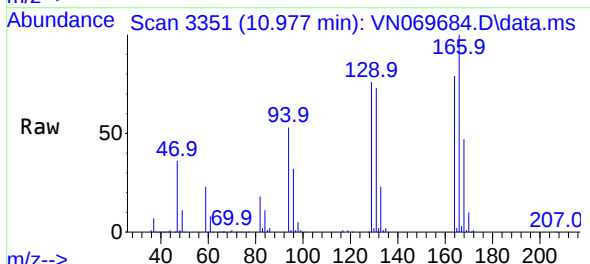
Tgt Ion:117 Resp: 1543199
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

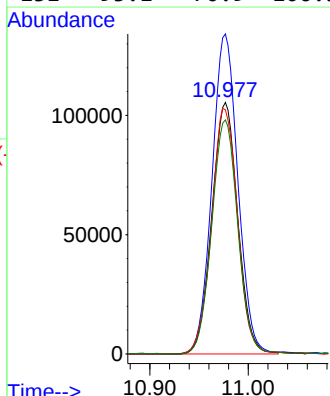
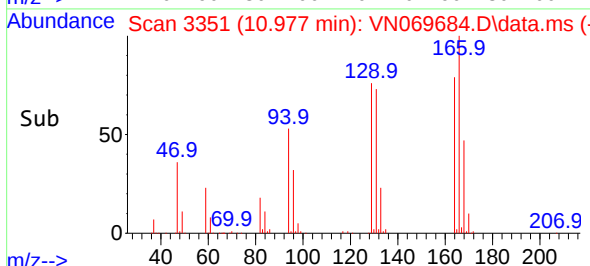
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#64
Tetrachloroethene
Concen: 20.770 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



Tgt Ion:164 Resp: 193536
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 97.1 72.0 108.0
131 93.1 70.9 106.3





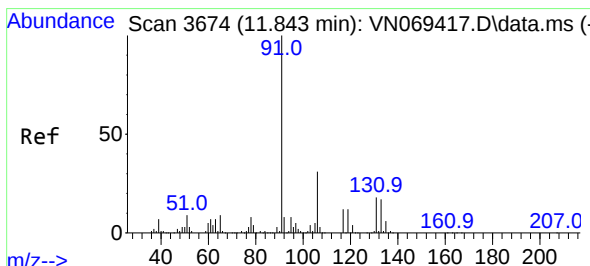
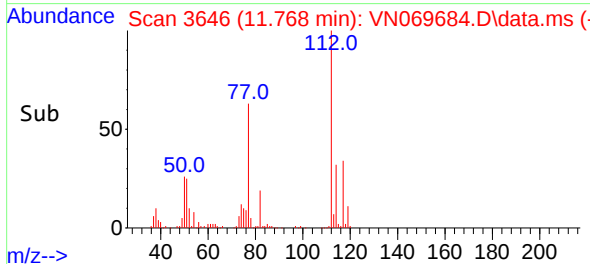
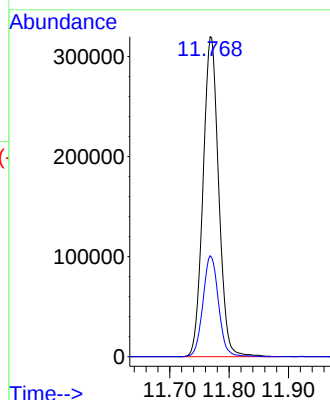
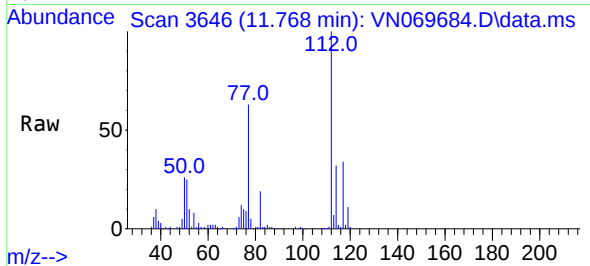
#65
Chlorobenzene
Concen: 20.415 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion:112 Resp: 586390
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

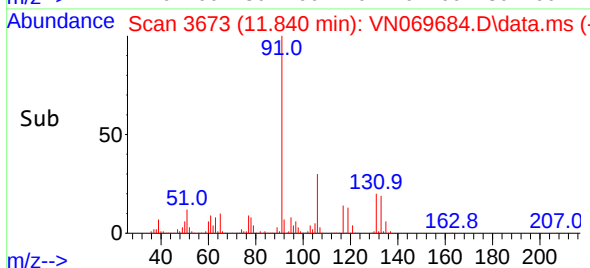
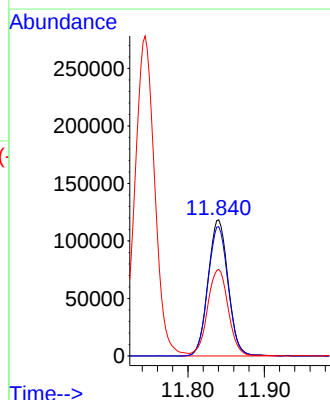
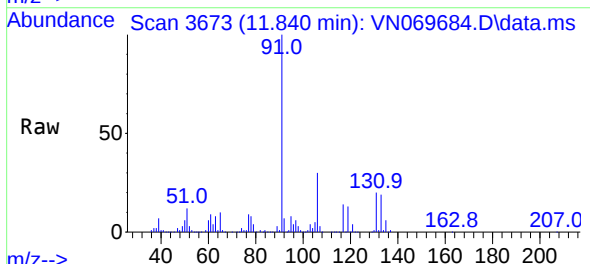
Manual Integrations
APPROVED

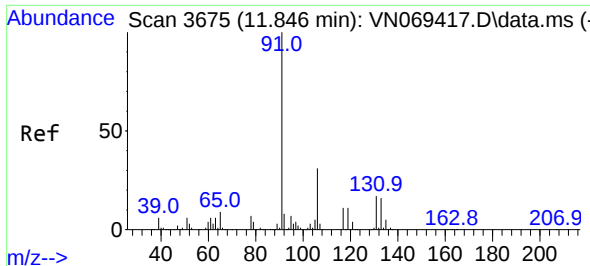
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.763 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

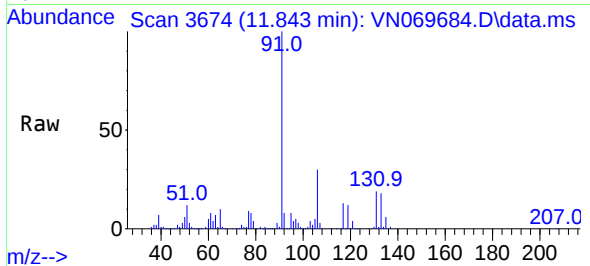
Tgt Ion:131 Resp: 216831
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 20.073 ug/l
RT: 11.843 min Scan# 306
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

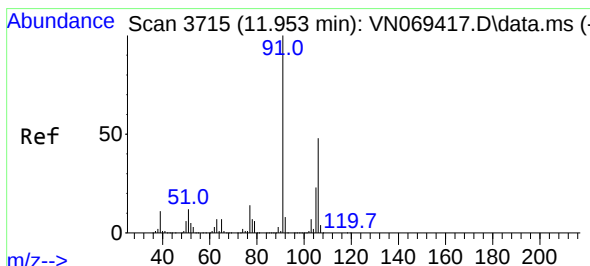
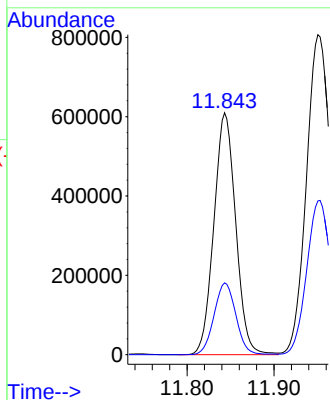
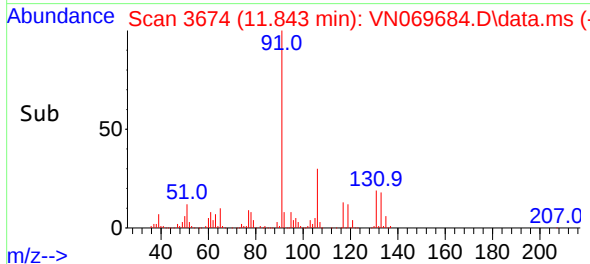
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion: 91 Resp: 1063400
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

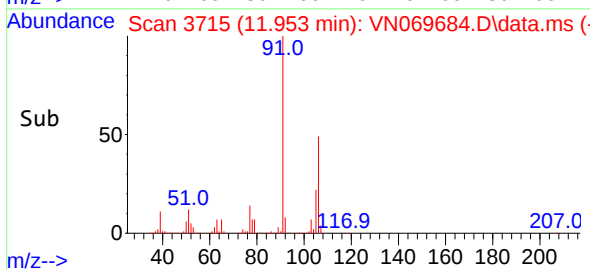
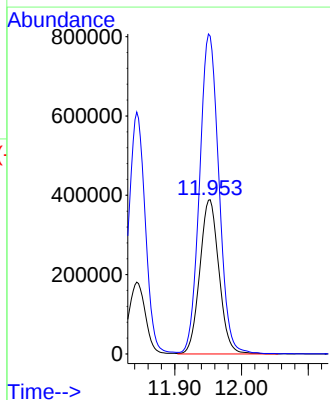
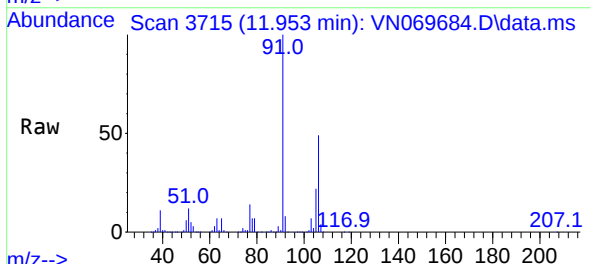
Manual Integrations
APPROVED

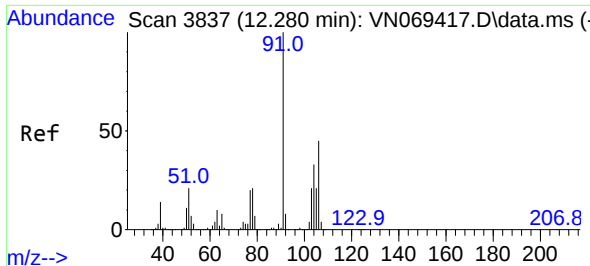
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#68
m/p-Xylenes
Concen: 39.742 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

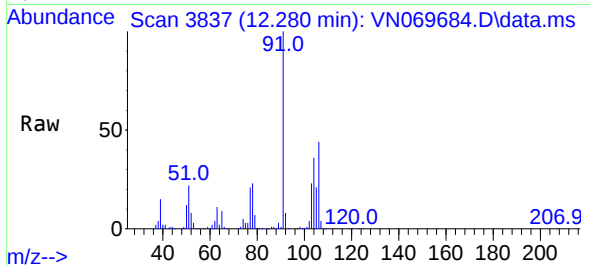
Tgt Ion:106 Resp: 774335
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8





#69
o-Xylene
Concen: 19.984 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

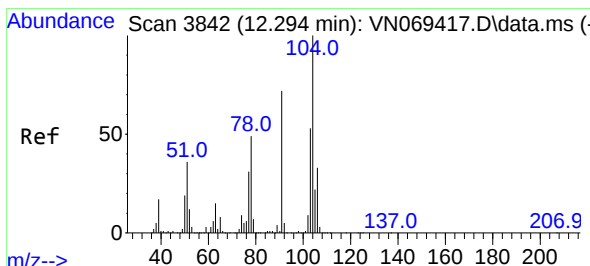
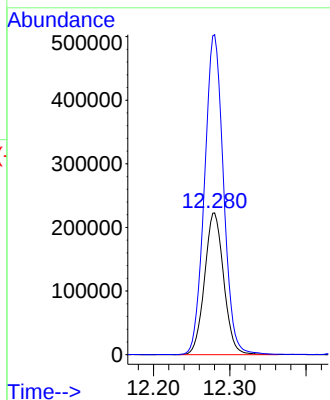
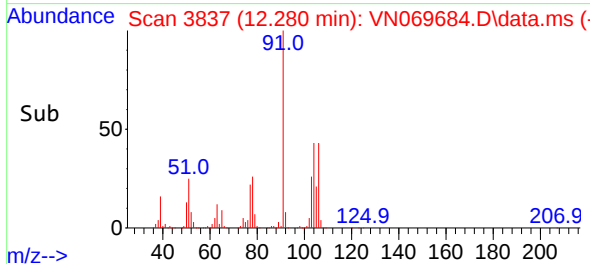
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion:106 Resp: 38818
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3

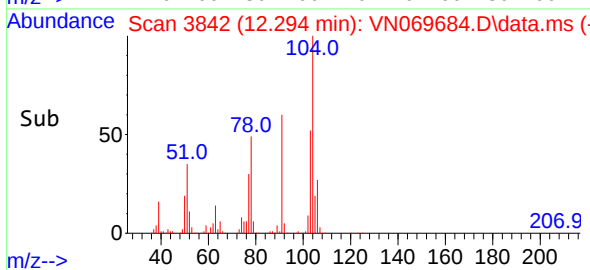
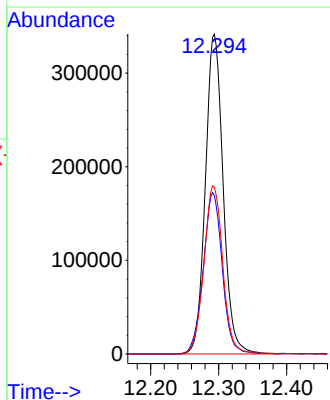
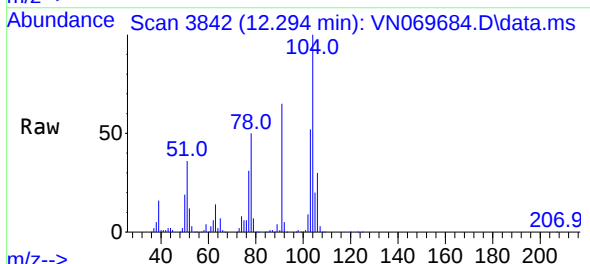
Manual Integrations
APPROVED

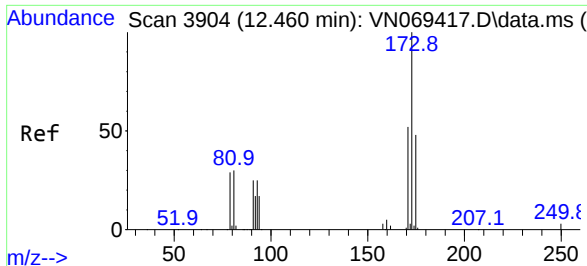
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#70
Styrene
Concen: 18.796 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion:104 Resp: 621388
Ion Ratio Lower Upper
104 100
78 54.0 38.7 58.1
103 56.1 45.0 67.6





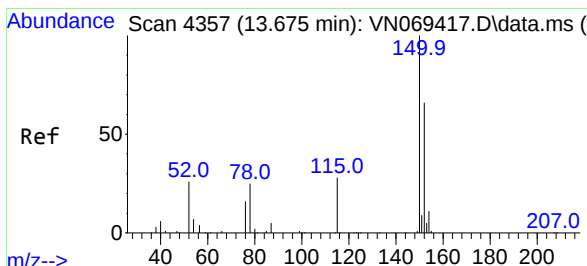
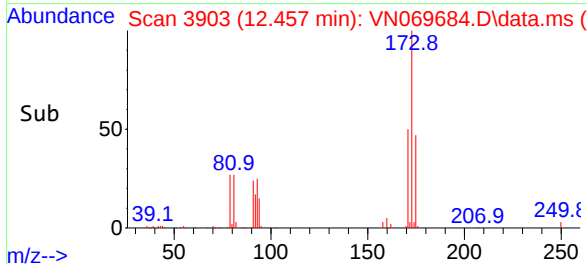
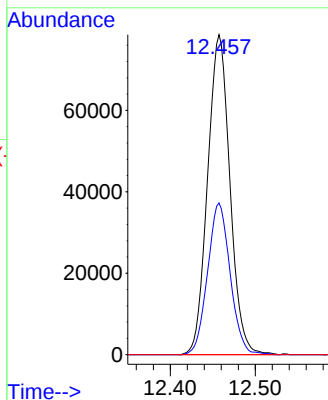
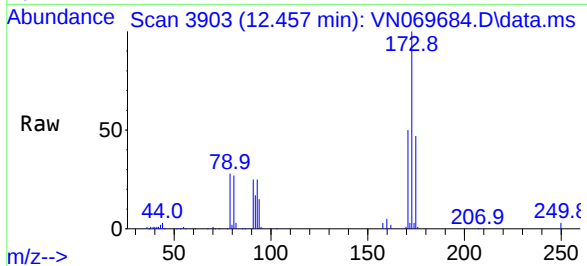
#71
Bromoform
Concen: 18.897 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion:173 Resp: 143673
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0

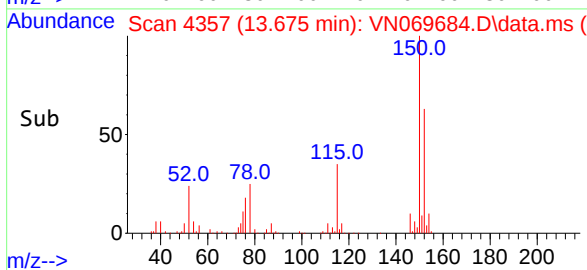
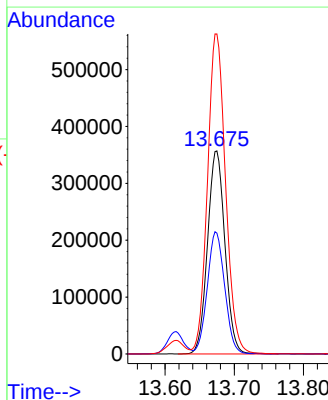
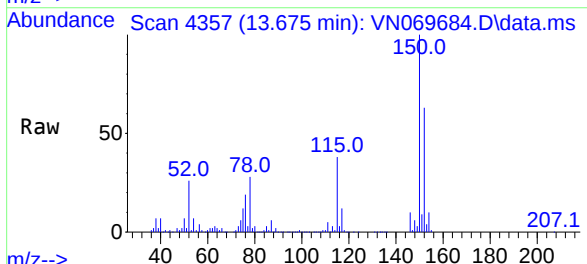
Manual Integrations
APPROVED

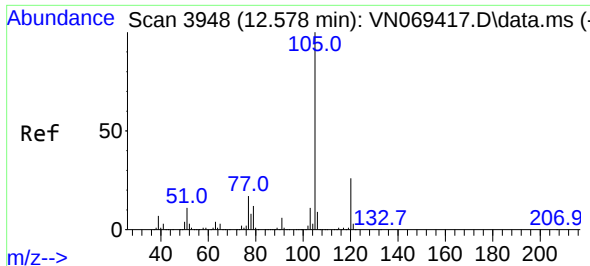
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

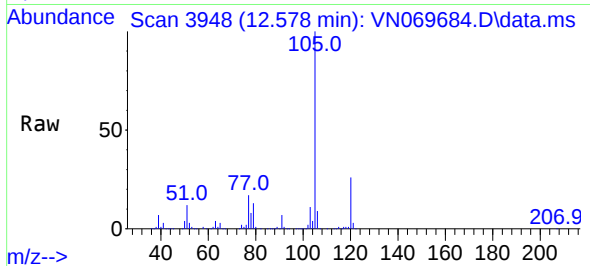
Tgt Ion:152 Resp: 623193
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 163.6 0.0 344.4





#73
Isopropylbenzene
Concen: 20.812 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

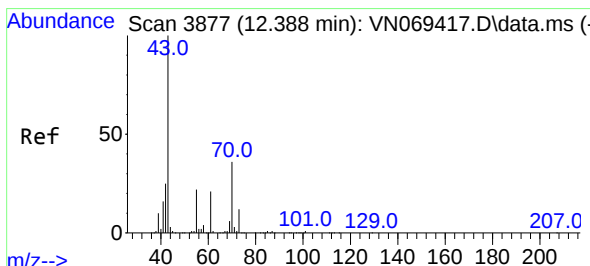
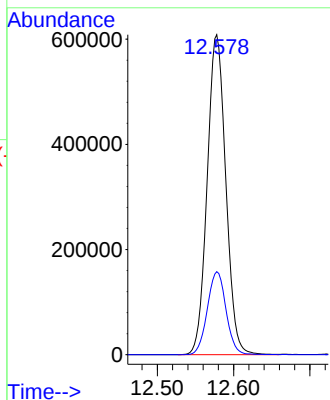
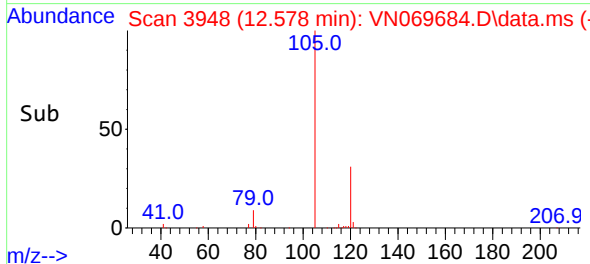
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



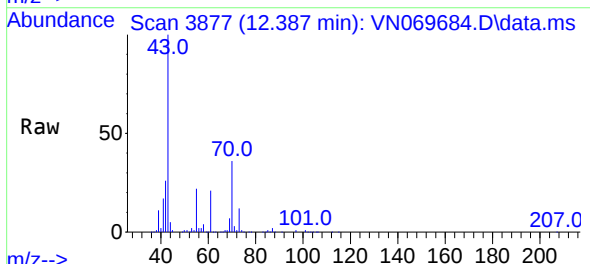
Tgt Ion:105 Resp: 103266
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

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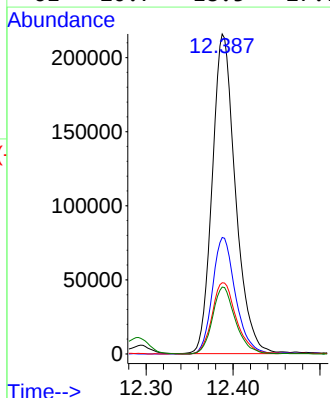
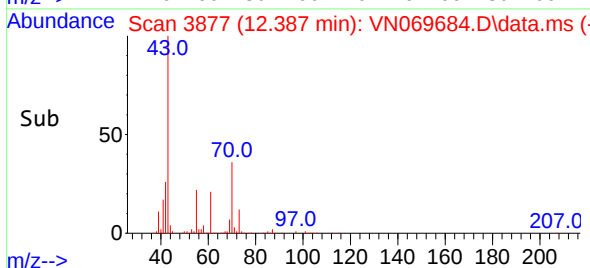
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

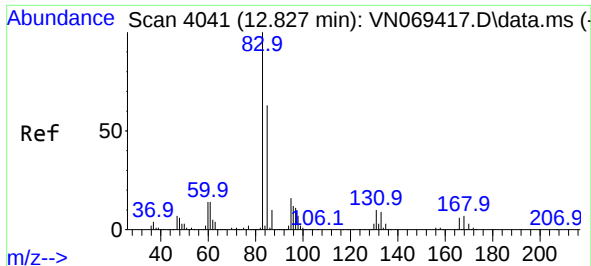


#74
N-ethyl acetate
Concen: 18.991 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



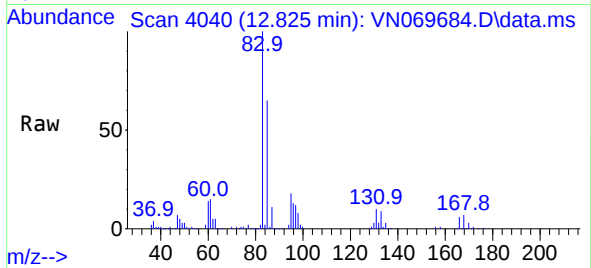
Tgt Ion: 43 Resp: 399339
Ion Ratio Lower Upper
43 100
70 36.3 33.4 50.0
55 23.4 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.303 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

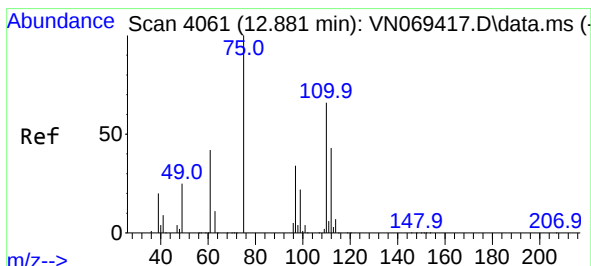
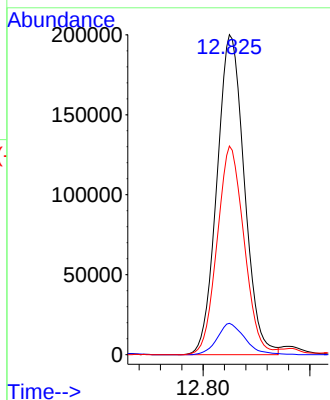
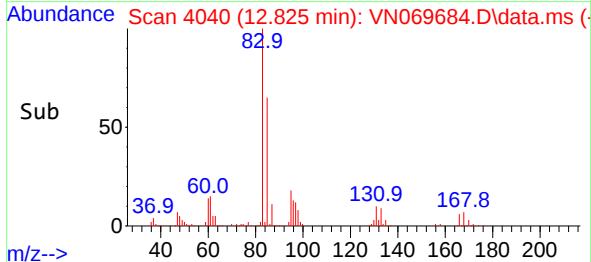
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



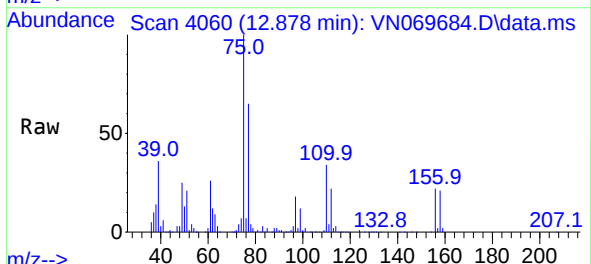
Tgt Ion: 83 Resp: 356512
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.9 32.4 97.2

Manual Integrations
APPROVED

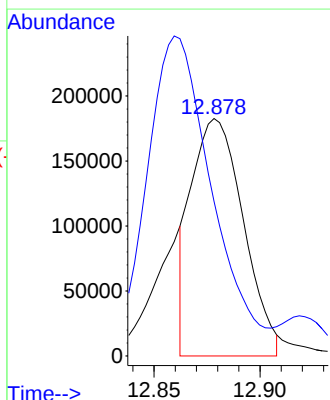
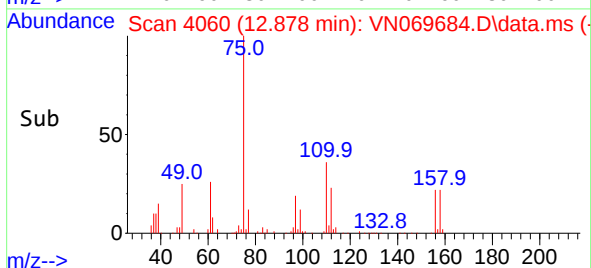
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#76
1,2,3-Trichloropropane
Concen: 21.638 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



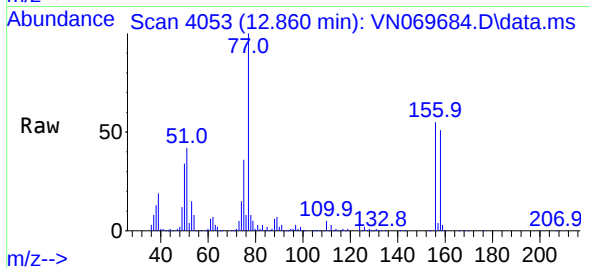
Tgt Ion: 75 Resp: 311188
Ion Ratio Lower Upper
75 100
77 170.0 82.6 247.8





#77
Bromobenzene
Concen: 21.251 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

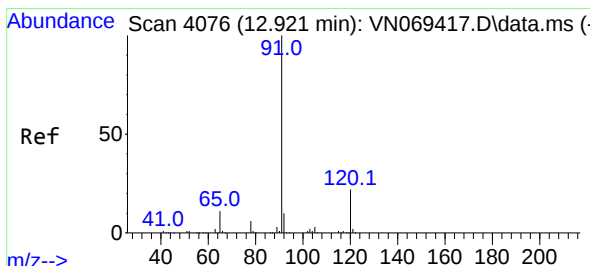
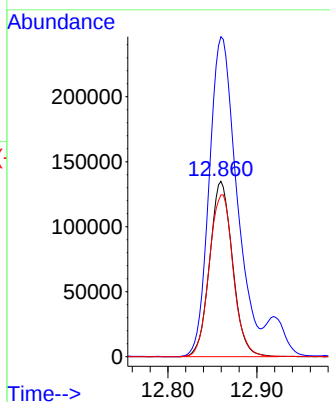
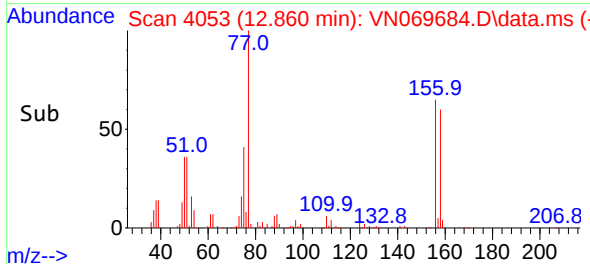
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



Tgt Ion:156 Resp: 241159
Ion Ratio Lower Upper
156 100
77 219.3 90.6 271.8
158 96.8 48.9 146.7

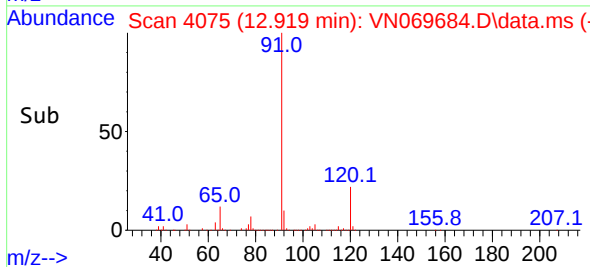
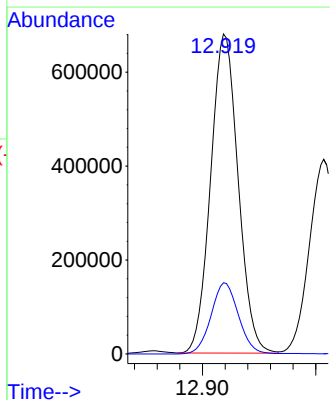
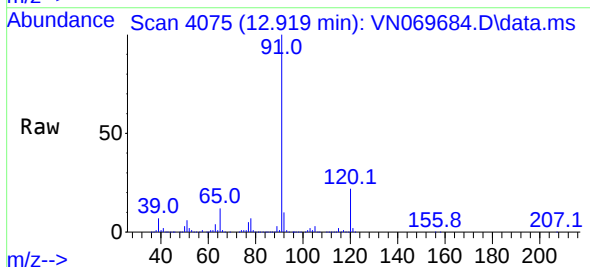
Manual Integrations
APPROVED

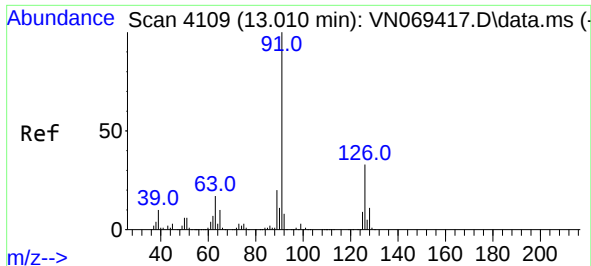
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#78
n-propylbenzene
Concen: 20.504 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 91 Resp: 1144799
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





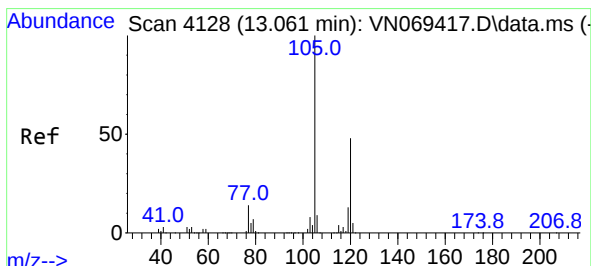
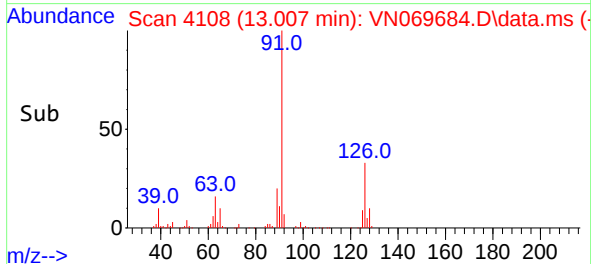
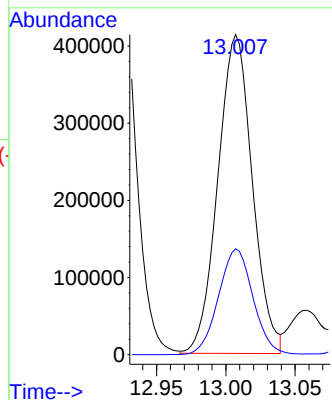
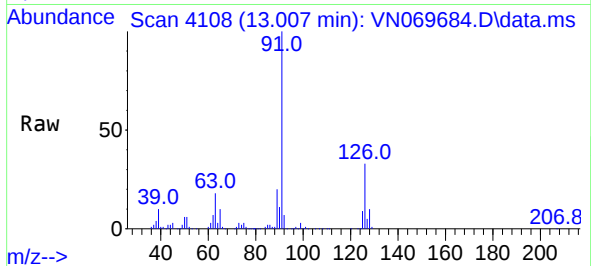
#79
2-Chlorotoluene
Concen: 20.716 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 91 Resp: 716130
Ion Ratio Lower Upper
91 100
126 33.3 18.3 54.8

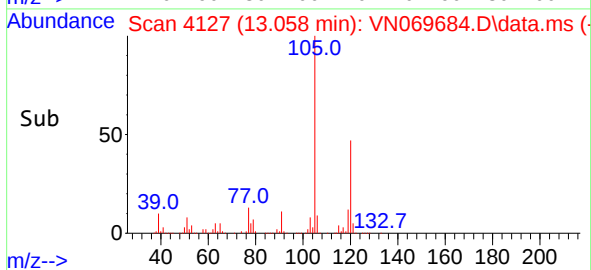
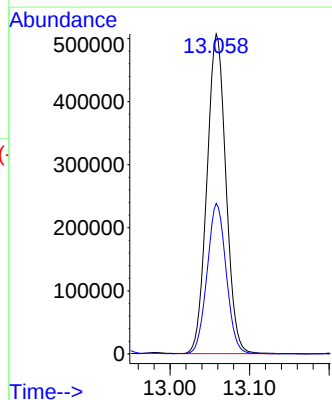
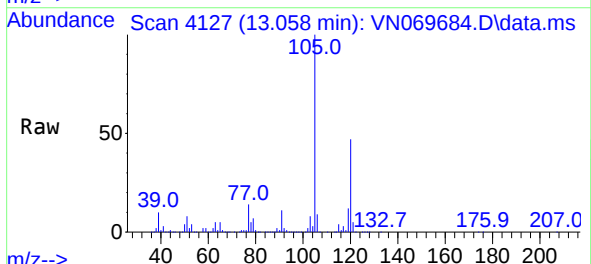
Manual Integrations
APPROVED

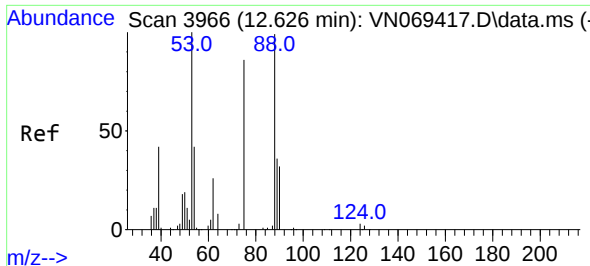
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.990 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion:105 Resp: 841991
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





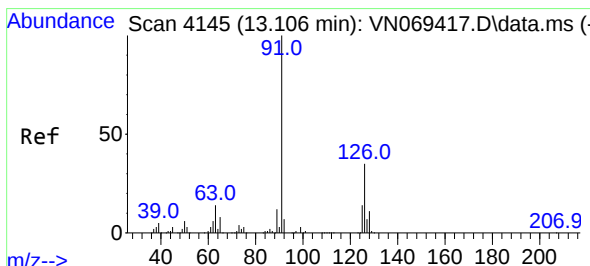
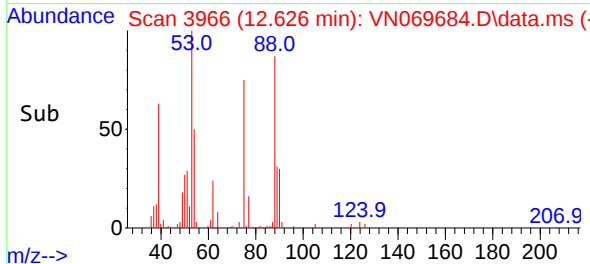
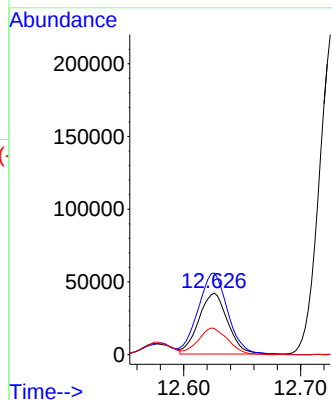
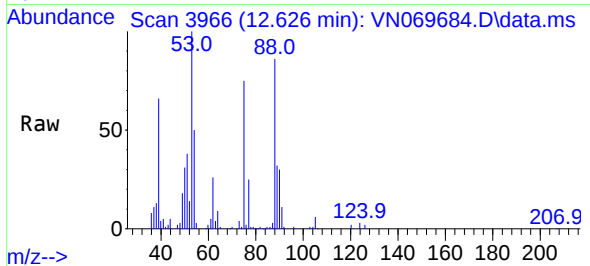
#81
trans-1,4-Dichloro-2-butene
Concen: 18.956 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 75 Resp: 71952
Ion Ratio Lower Upper
75 100
53 138.4 90.5 135.7
89 45.4 38.2 57.4

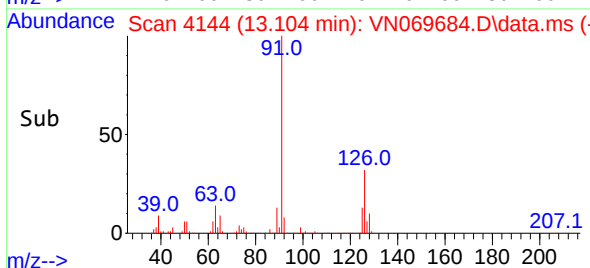
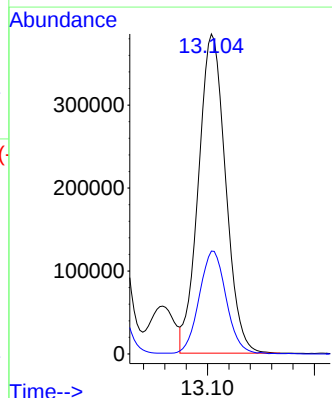
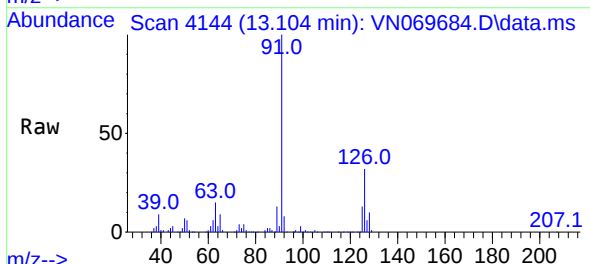
Manual Integrations
APPROVED

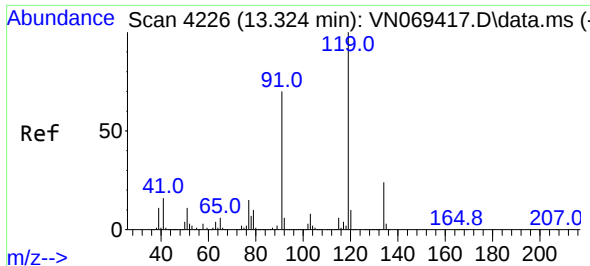
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#82
4-Chlorotoluene
Concen: 20.577 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion: 91 Resp: 678114
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





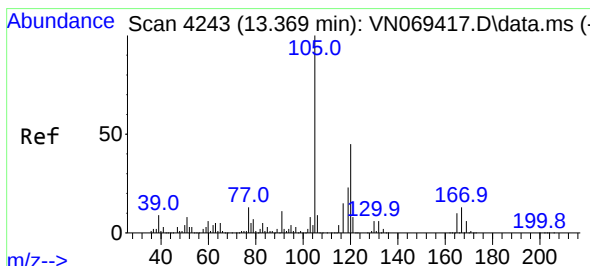
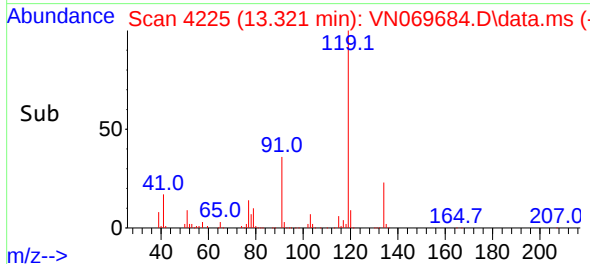
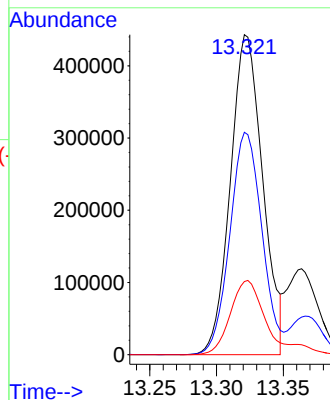
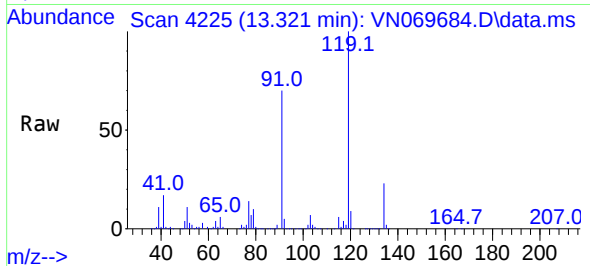
#83
tert-Butylbenzene
Concen: 21.243 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion:119 Resp: 746729
Ion Ratio Lower Upper
119 100
91 69.3 31.5 94.5
134 24.3 12.4 37.4

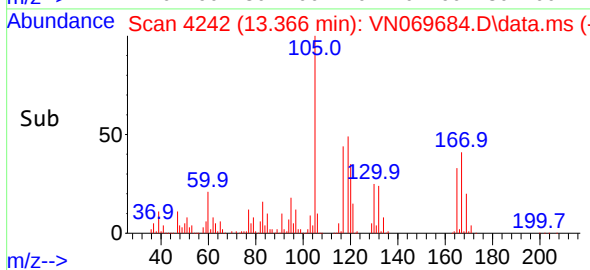
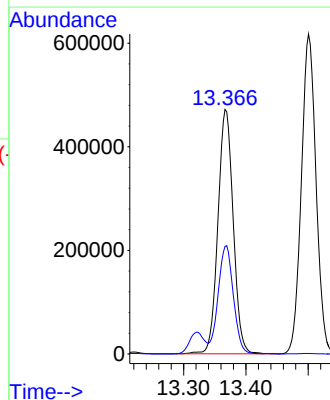
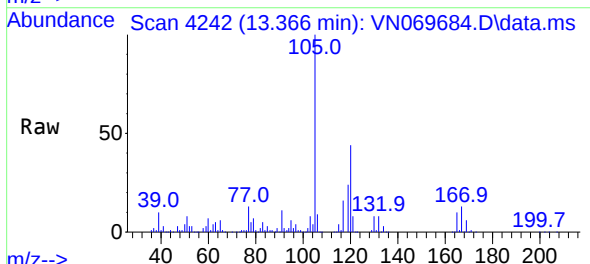
Manual Integrations
APPROVED

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



#84
1,2,4-Trimethylbenzene
Concen: 20.800 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

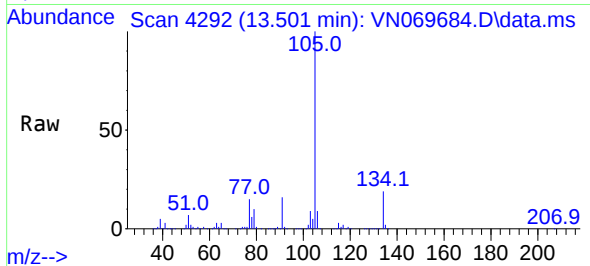
Tgt Ion:105 Resp: 805486
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.566 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069684.D
 Acq: 30 Nov 2021 15:58

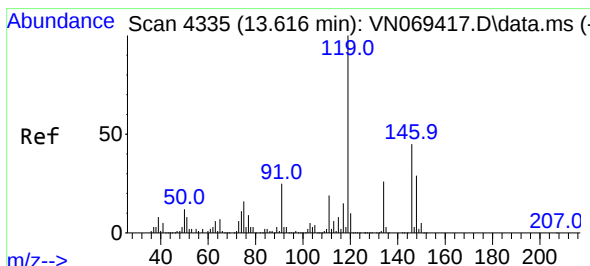
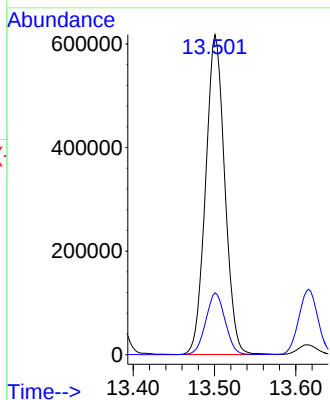
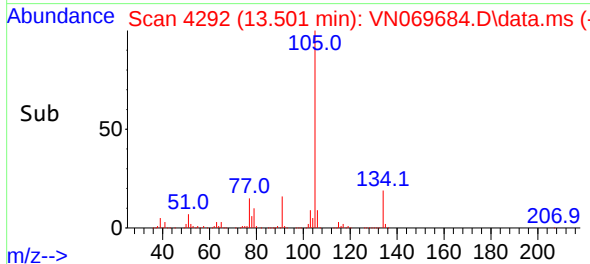
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBS01



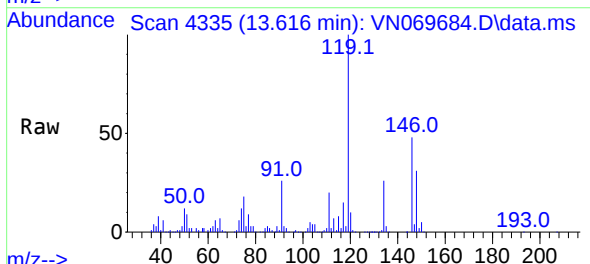
Tgt Ion:105 Resp: 1009870
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

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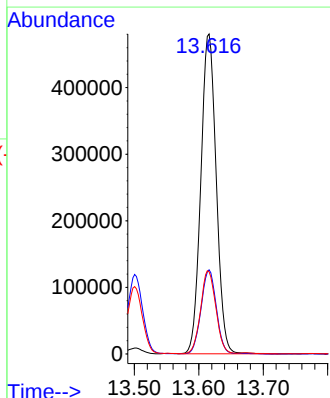
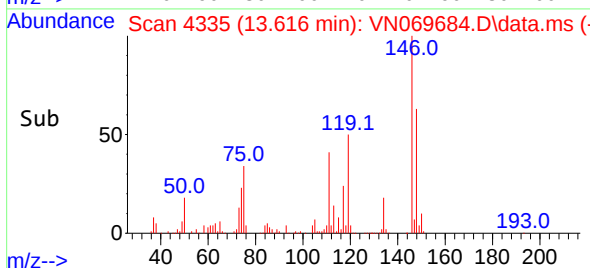
Reviewed By :John Carlone 12/01/2021
 Supervised By :Mahesh Dadoda 12/01/2021

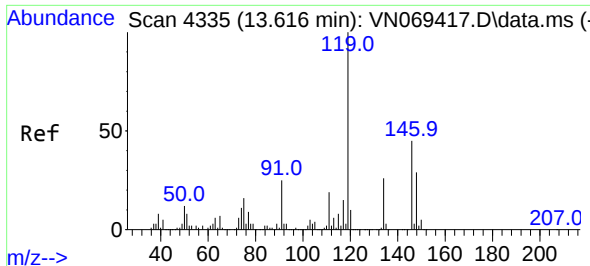


#86
 p-Isopropyltoluene
 Concen: 20.456 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069684.D
 Acq: 30 Nov 2021 15:58



Tgt Ion:119 Resp: 797395
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.6 11.4 34.1





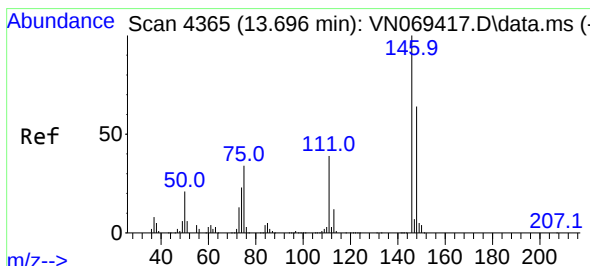
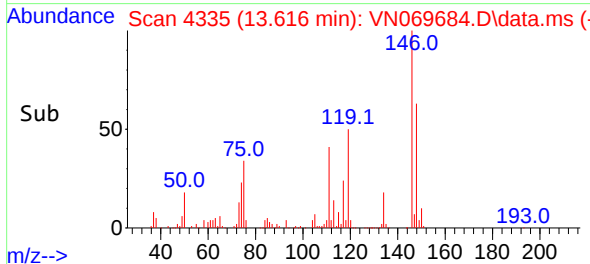
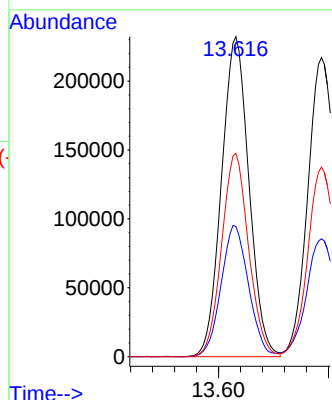
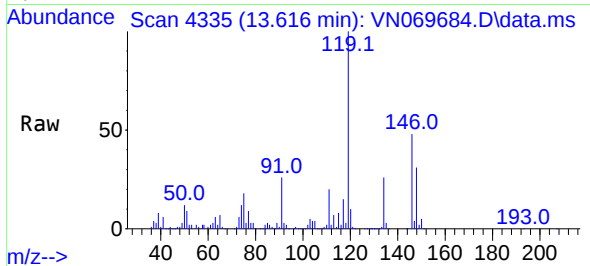
#87
1,3-Dichlorobenzene
Concen: 20.483 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion:146 Resp: 402994
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 62.6 31.6 95.0

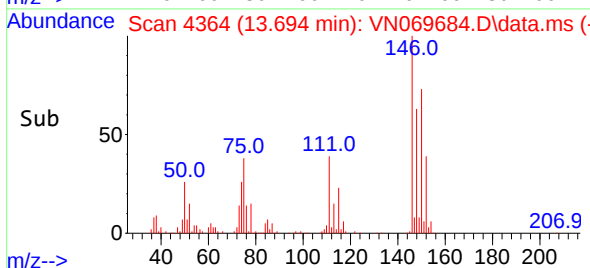
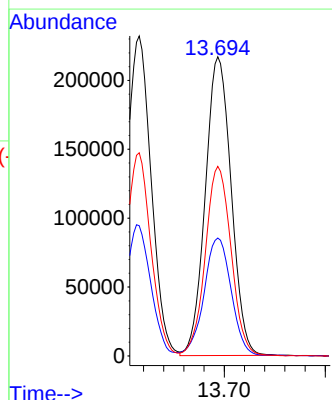
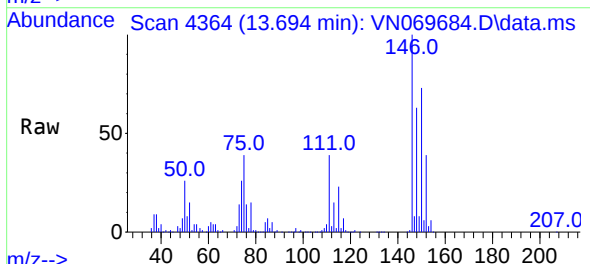
Manual Integrations
APPROVED

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



#88
1,4-Dichlorobenzene
Concen: 20.045 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion:146 Resp: 386884
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 63.5 31.8 95.4





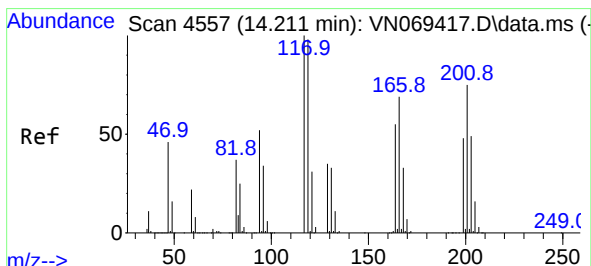
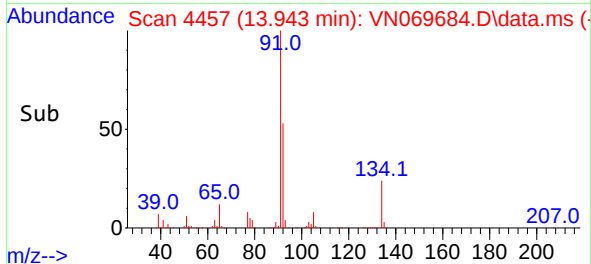
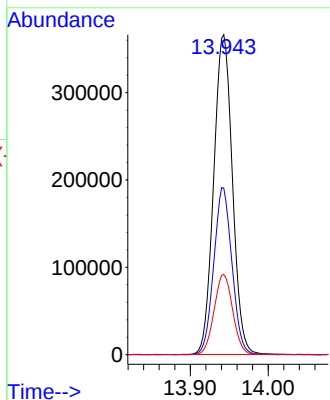
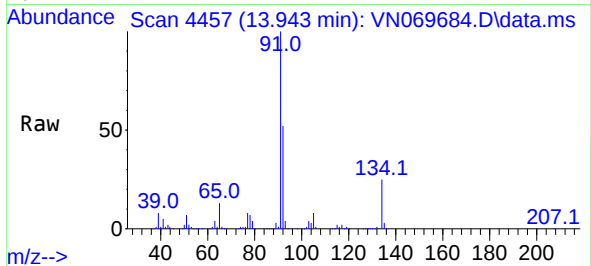
#89
n-Butylbenzene
Concen: 18.765 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion: 91 Resp: 609988
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 25.1 13.6 40.8

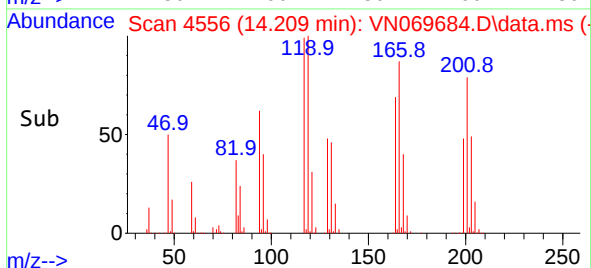
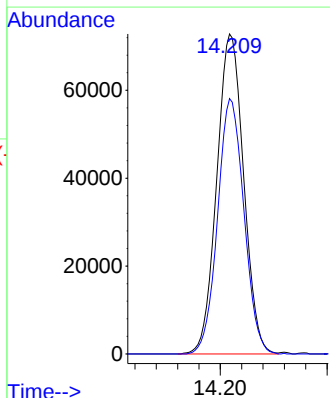
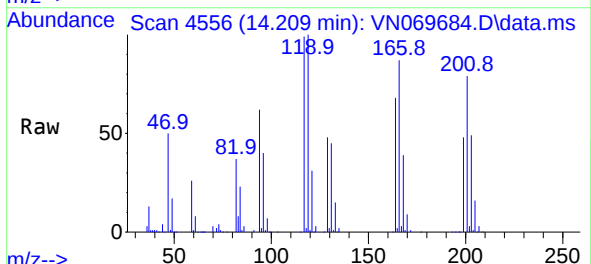
Manual Integrations
APPROVED

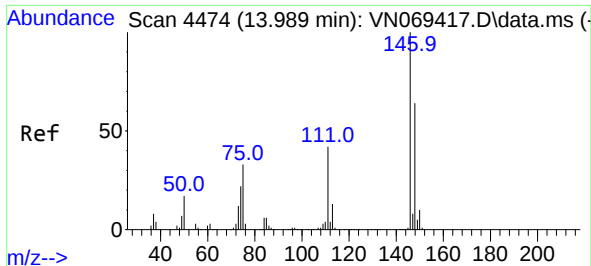
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021



#90
Hexachloroethane
Concen: 19.144 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

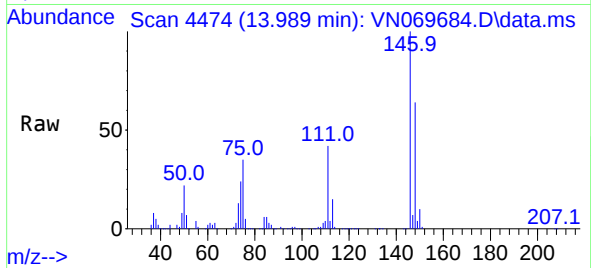
Tgt Ion:117 Resp: 127172
Ion Ratio Lower Upper
117 100
201 78.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.167 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

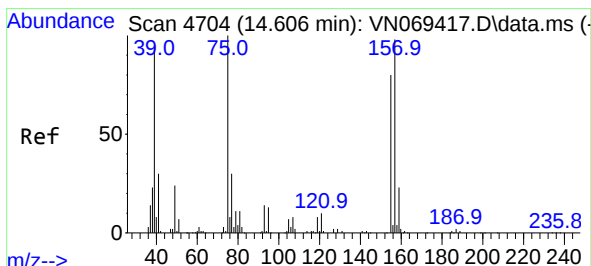
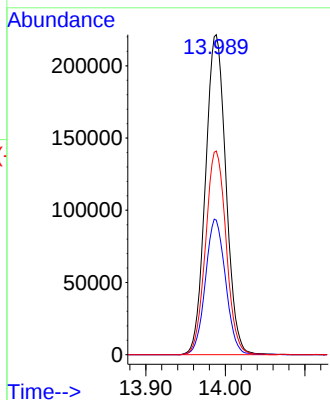
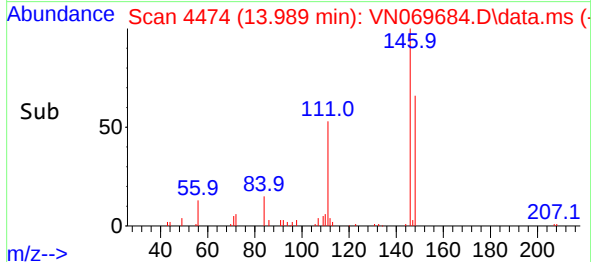
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



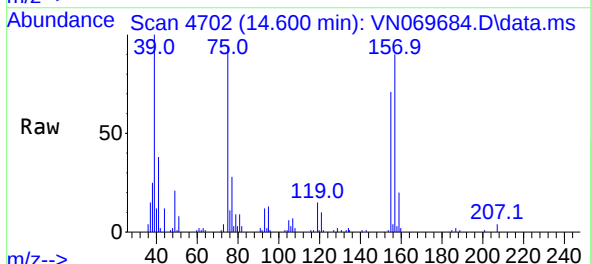
Tgt Ion:146 Resp: 396280
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

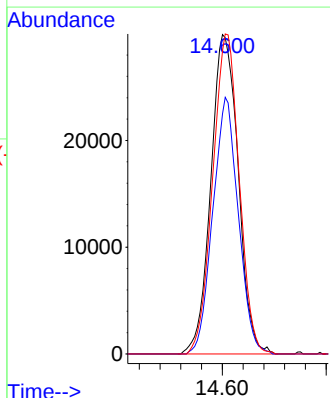
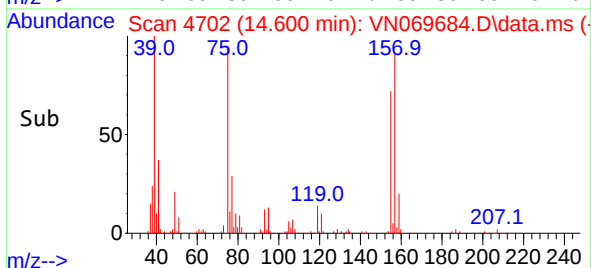
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

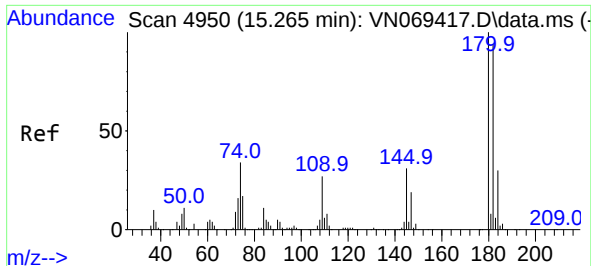


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.722 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.006 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



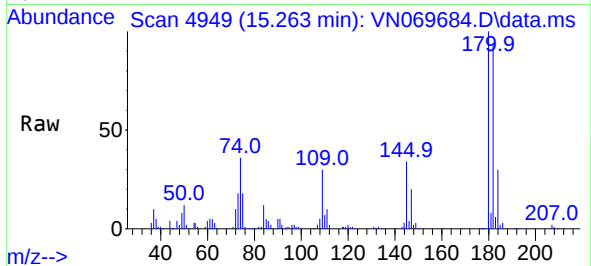
Tgt Ion: 75 Resp: 54623
Ion Ratio Lower Upper
75 100
155 75.0 46.9 140.7
157 97.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.679 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

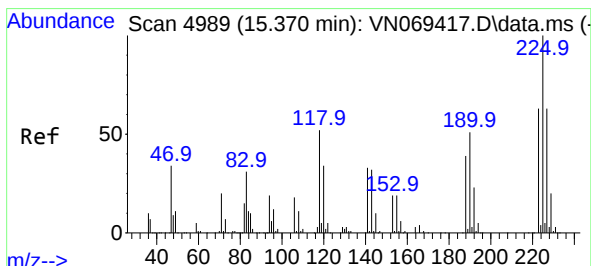
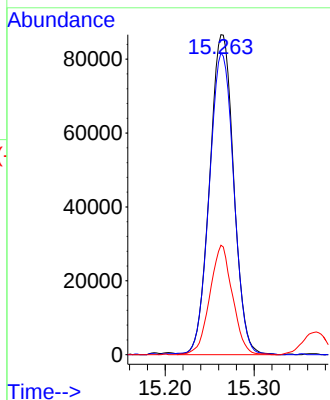
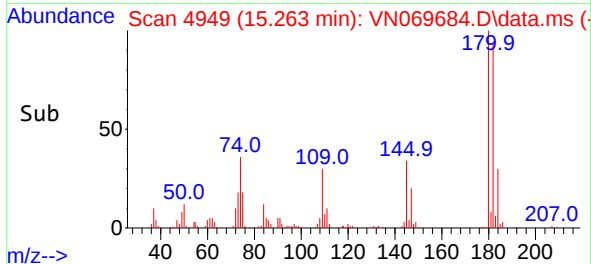
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01



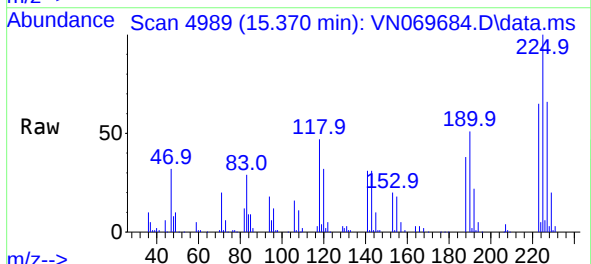
Tgt Ion:180 Resp: 16282
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.9
145 32.3 14.5 43.5

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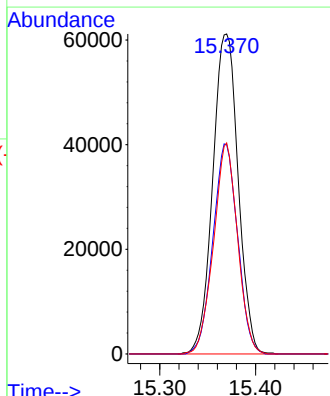
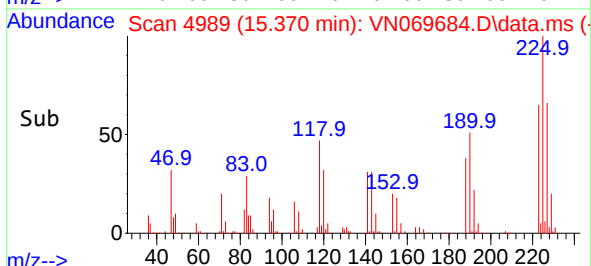
Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

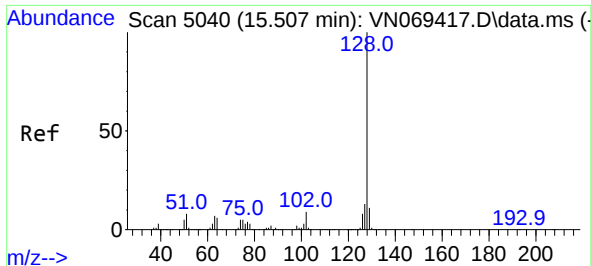


#94
Hexachlorobutadiene
Concen: 23.138 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58



Tgt Ion:225 Resp: 112554
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 62.2 32.1 96.3





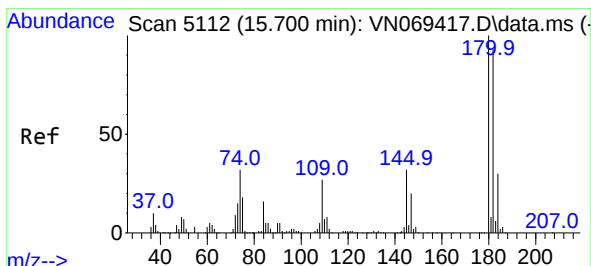
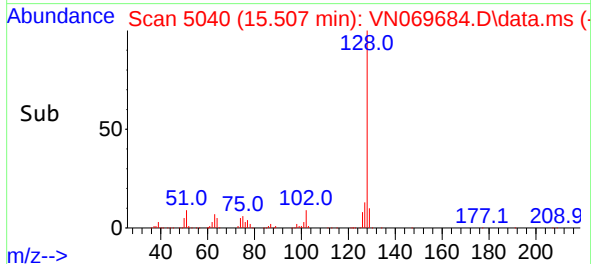
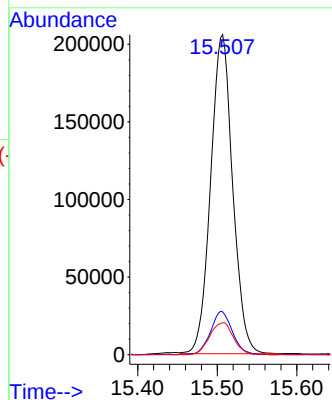
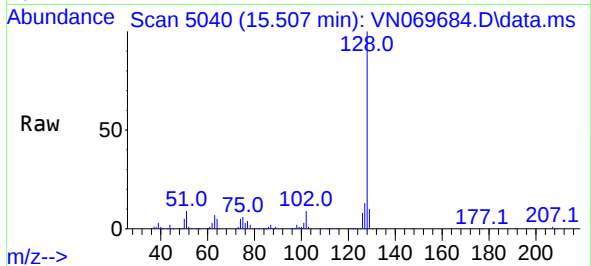
#95
Naphthalene
Concen: 17.485 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBS01

Tgt Ion:128 Resp: 395812
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.248 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069684.D
Acq: 30 Nov 2021 15:58

Tgt Ion:180 Resp: 161030
Ion Ratio Lower Upper
180 100
182 93.4 47.4 142.2
145 32.7 15.0 45.1

