

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069690.D
 Acq On : 1 Dec 2021 14:33
 Operator : JC/MD
 Sample : VN1201WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 02 07:25:32 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	1025226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1656163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1507420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	620672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	743121	49.991	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.980%		
35) Dibromofluoromethane	8.021	113	515403	51.888	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.780%		
50) Toluene-d8	10.440	98	1875622	48.011	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.020%		
62) 4-Bromofluorobenzene	12.731	95	688373	47.965	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	166589	15.209	ug/l	98
3) Chloromethane	2.306	50	190015	14.959	ug/l	98
4) Vinyl Chloride	2.451	62	193779	15.236	ug/l	99
5) Bromomethane	2.864	94	124338	15.053	ug/l	98
6) Chloroethane	3.025	64	127996	14.909	ug/l	94
7) Trichlorofluoromethane	3.379	101	291694	14.839	ug/l	100
8) Diethyl Ether	3.824	74	122732	19.298	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	175553	18.959	ug/l	96
10) Methyl Iodide	4.419	142	200909	17.690	ug/l	96
11) Tert butyl alcohol	5.374	59	243066	90.742	ug/l	98
12) 1,1-Dichloroethene	4.186	96	146769	17.663	ug/l	89
13) Acrolein	4.049	56	26065	63.791	ug/l	89
14) Allyl chloride	4.843	41	348651	18.978	ug/l	93
15) Acrylonitrile	5.556	53	684940	99.852	ug/l	99
16) Acetone	4.288	43	781807	97.477	ug/l	95
17) Carbon Disulfide	4.529	76	252351	12.848	ug/l	96
18) Methyl Acetate	4.859	43	498279	19.112	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	715964	20.359	ug/l	98
20) Methylene Chloride	5.095	84	205775	18.093	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	158302	17.056	ug/l	88
22) Diisopropyl ether	6.498	45	823891	20.819	ug/l	96
23) Vinyl Acetate	6.436	43	3086092	100.826	ug/l	94
24) 1,1-Dichloroethane	6.388	63	393257	19.510	ug/l	97
25) 2-Butanone	7.337	43	1052929	96.952	ug/l	91
26) 2,2-Dichloropropane	7.324	77	307088	19.472	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	218796	19.017	ug/l	85
28) Bromochloromethane	7.659	49	220996	21.409	ug/l #	82
29) Tetrahydrofuran	7.686	42	643822	96.602	ug/l	89
30) Chloroform	7.817	83	416486	20.155	ug/l	98
31) Cyclohexane	8.094	56	333708	16.432	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	331926	19.244	ug/l	95
36) 1,1-Dichloropropene	8.222	75	259377	18.613	ug/l	96
37) Ethyl Acetate	7.412	43	400389	21.254	ug/l	95
38) Carbon Tetrachloride	8.206	117	263576	19.591	ug/l	99
39) Methylcyclohexane	9.459	83	293129	16.909	ug/l	89
40) Benzene	8.461	78	836952	19.458	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	204357	20.995	ug/l	89
42) 1,2-Dichloroethane	8.531	62	363147	21.561	ug/l	97
43) Isopropyl Acetate	8.563	43	632600	20.907	ug/l #	93
44) Trichloroethene	9.215	130	203013	19.720	ug/l	94
45) 1,2-Dichloropropane	9.488	63	240248	20.905	ug/l	100
46) Dibromomethane	9.577	93	154706	20.098	ug/l	94
47) Bromodichloromethane	9.762	83	304711	21.213	ug/l	98
48) Methyl methacrylate	9.561	41	275778	19.372	ug/l	93
49) 1,4-Dioxane	9.571	88	97862	372.394	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	2047684	104.845	ug/l	95
52) Toluene	10.505	92	515701	19.245	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	308702	19.195	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	337908	19.260	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	235040	21.759	ug/l	97
56) Ethyl methacrylate	10.762	69	362035	19.107	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	397305	20.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	438326	98.883	ug/l	91
59) 2-Hexanone	11.084	43	1439628	92.469	ug/l	93
60) Dibromochloromethane	11.237	129	213987	19.593	ug/l	100
61) 1,2-Dibromoethane	11.344	107	224311	19.277	ug/l	98
64) Tetrachloroethene	10.979	164	183443	20.154	ug/l	96
65) Chlorobenzene	11.771	112	573287	20.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	214932	22.085	ug/l	99
67) Ethyl Benzene	11.843	91	1024408	19.796	ug/l	95
68) m/p-Xylenes	11.953	106	734063	38.569	ug/l	91
69) o-Xylene	12.280	106	375457	19.788	ug/l	91
70) Styrene	12.294	104	605491	18.753	ug/l	96
71) Bromoform	12.457	173	144340	19.338	ug/l #	98
73) Isopropylbenzene	12.578	105	1003540	20.307	ug/l	98
74) N-amyl acetate	12.390	43	411129	19.631	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	361661	21.699	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	307092m	21.439	ug/l	
77) Bromobenzene	12.859	156	232279	20.552	ug/l	78
78) n-propylbenzene	12.921	91	1112061	19.999	ug/l	96
79) 2-Chlorotoluene	13.007	91	697560	20.260	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	815323	20.408	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	76401	19.827	ug/l	86
82) 4-Chlorotoluene	13.106	91	666598	20.310	ug/l	92
83) tert-Butylbenzene	13.323	119	730355	20.862	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	790690	20.501	ug/l	98
85) sec-Butylbenzene	13.500	105	984197	20.124	ug/l	98
86) p-Isopropyltoluene	13.616	119	775584	19.977	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	392375	20.024	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	381776	19.860	ug/l	96
89) n-Butylbenzene	13.943	91	599483	18.517	ug/l	98
90) Hexachloroethane	14.211	117	128826	19.434	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	395172	21.194	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57851	19.795	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	166826	19.126	ug/l	98
94) Hexachlorobutadiene	15.370	225	109205	22.541	ug/l	99
95) Naphthalene	15.507	128	418813	18.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	162739	19.485	ug/l	98

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MSVOA_N
ClientSampleId :
VN1201WBSD01

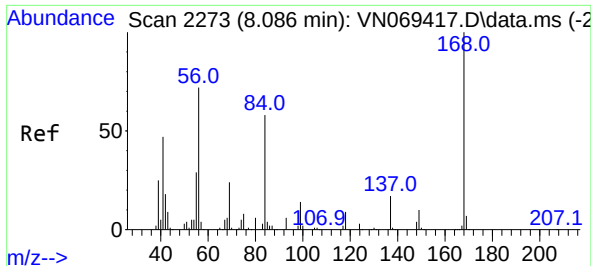
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

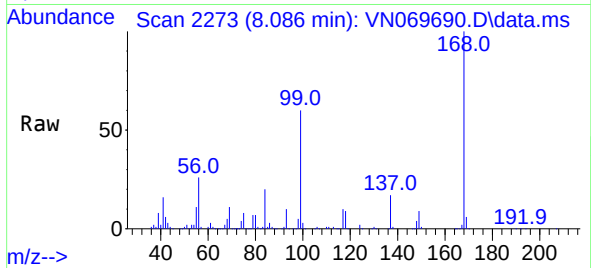
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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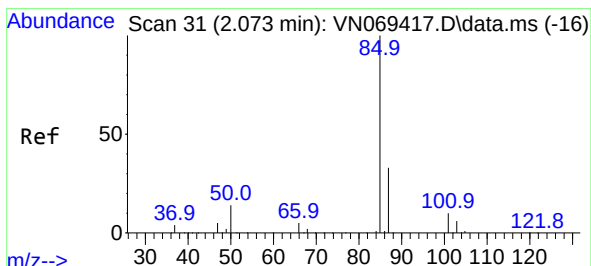
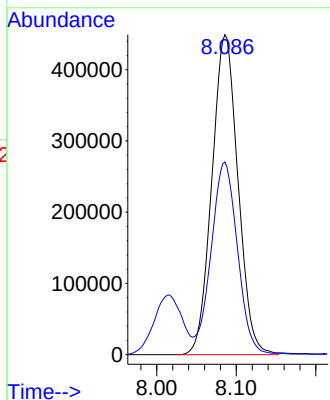
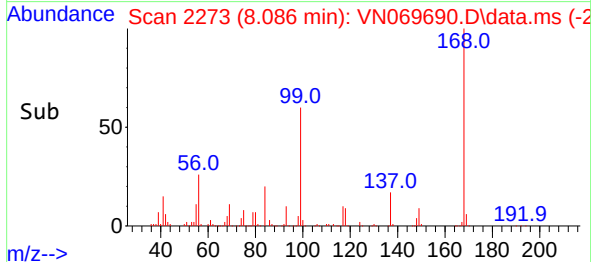
Instrument :
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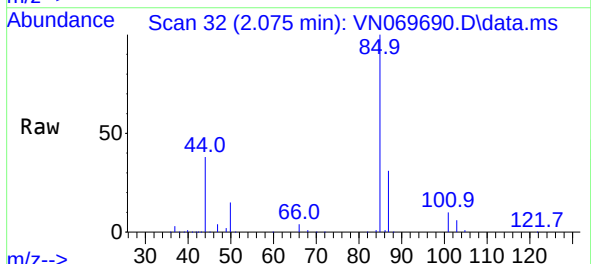
Tgt Ion:168 Resp: 1025220
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9

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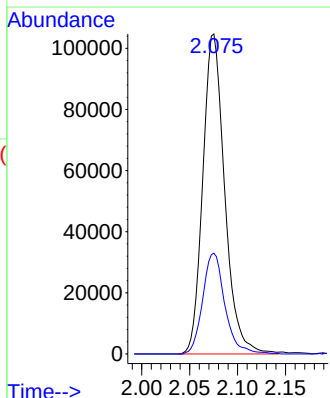
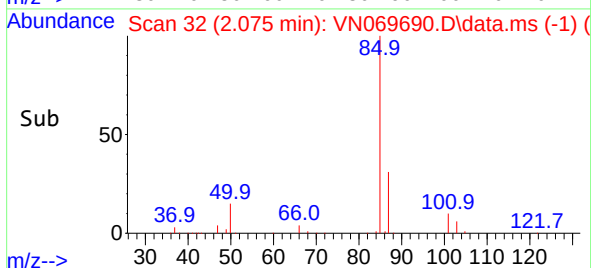
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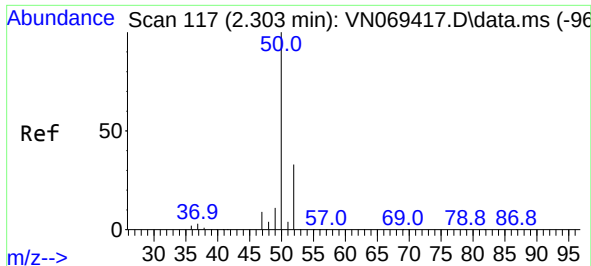


#2
Dichlorodifluoromethane
Concen: 15.209 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



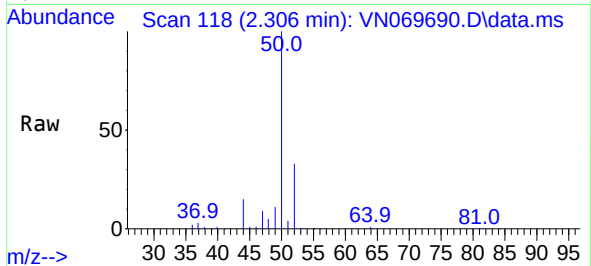
Tgt Ion: 85 Resp: 166589
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 14.959 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

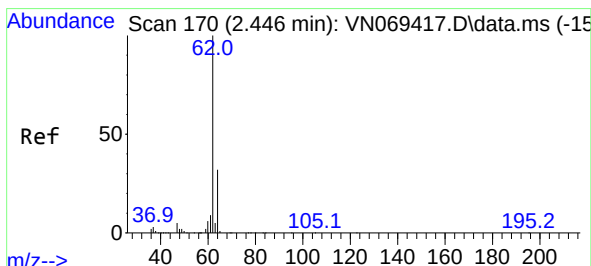
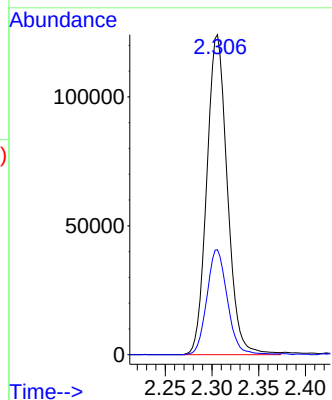
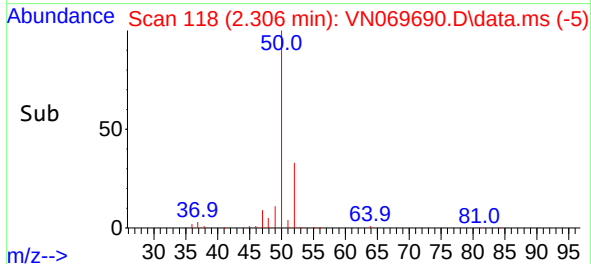
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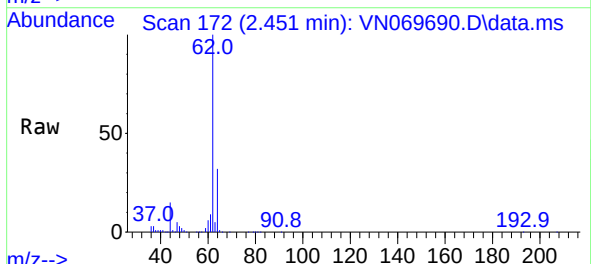
Tgt Ion: 50 Resp: 190015
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

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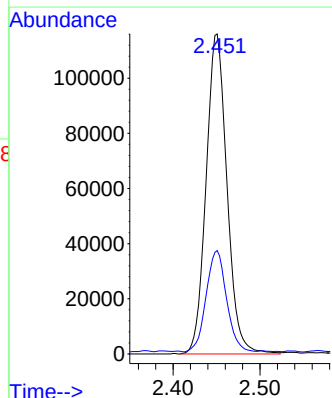
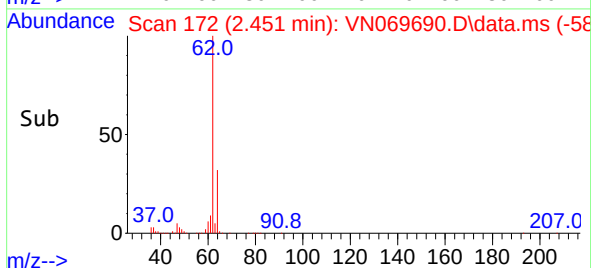
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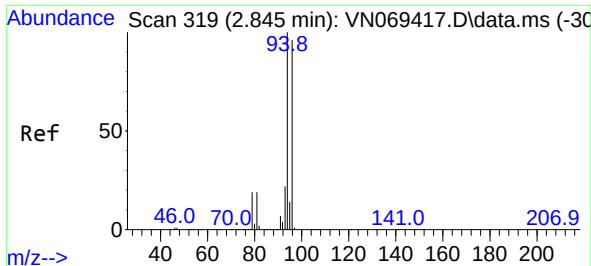


#4
Vinyl Chloride
Concen: 15.236 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



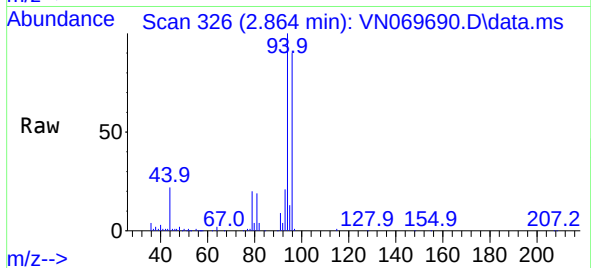
Tgt Ion: 62 Resp: 193779
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 15.053 ug/l
RT: 2.864 min Scan# 319
Delta R.T. 0.019 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

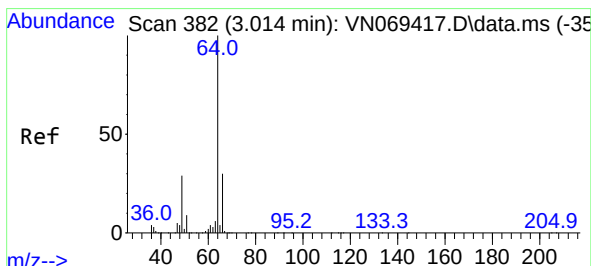
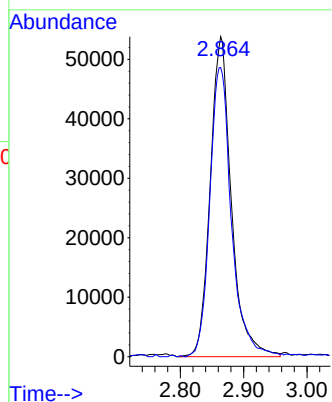
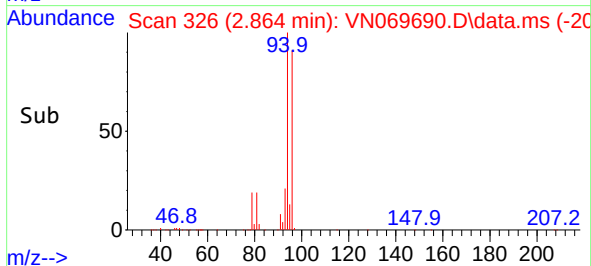
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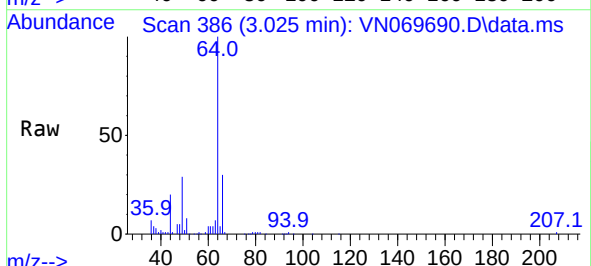
Tgt Ion: 94 Resp: 124338
Ion Ratio Lower Upper
94 100
96 90.1 73.8 110.8

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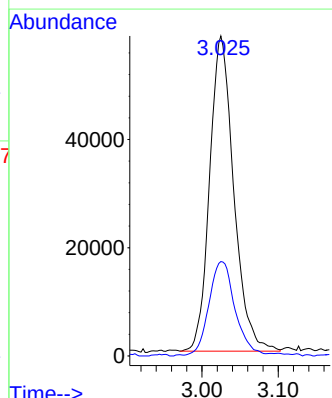
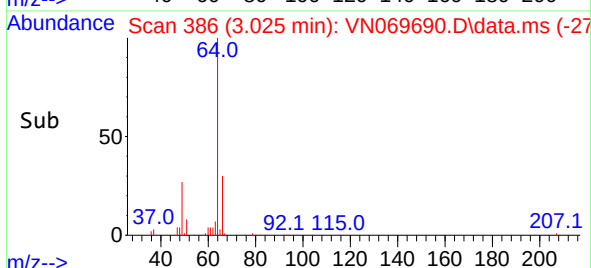
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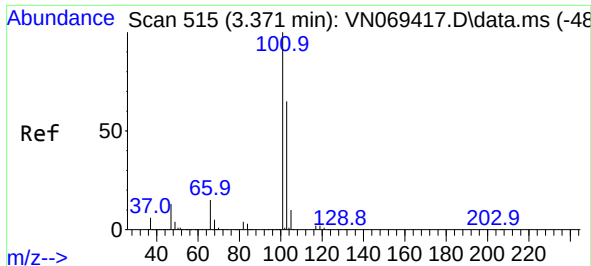


#6
Chloroethane
Concen: 14.909 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.011 min
Lab File: VN069690.D
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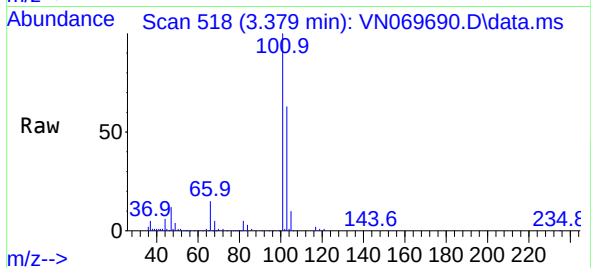
Tgt Ion: 64 Resp: 127996
Ion Ratio Lower Upper
64 100
66 29.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 14.839 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069690.D
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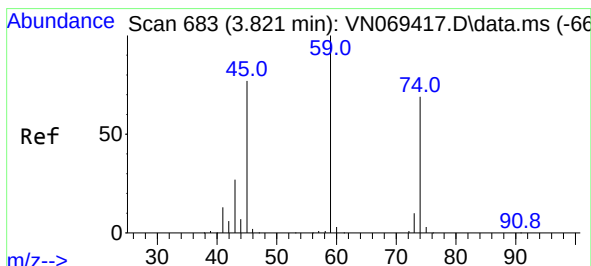
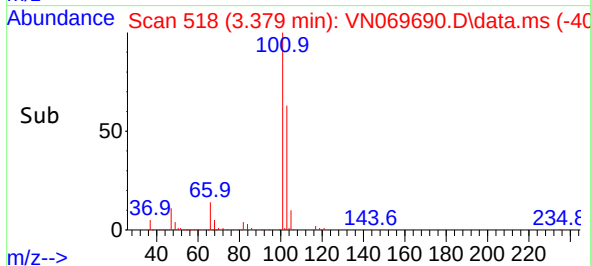
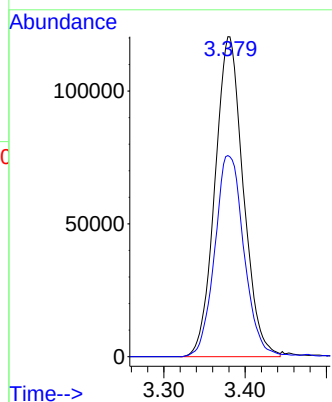
Instrument :
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Tgt Ion:101 Resp: 291694
Ion Ratio Lower Upper
101 100
103 62.8 50.1 75.1

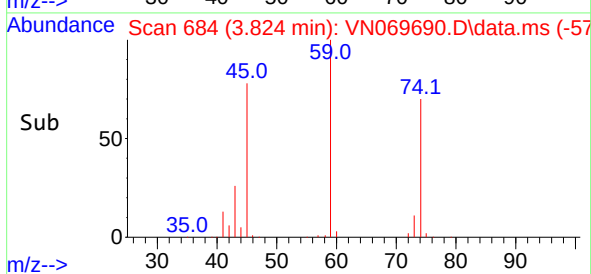
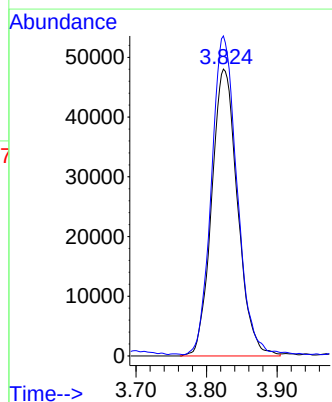
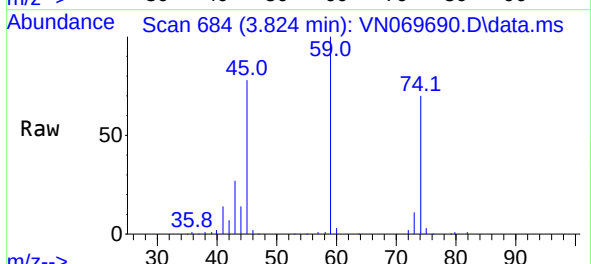
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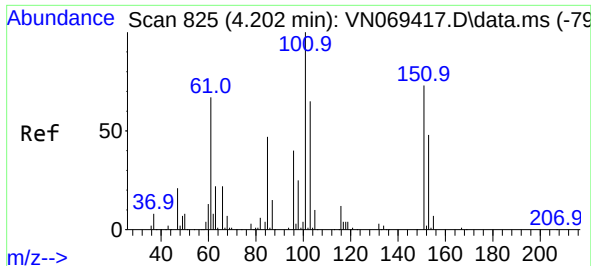
Reviewed By :John Carlone 12/02/2021
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#8
Diethyl Ether
Concen: 19.298 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 122732
Ion Ratio Lower Upper
74 100
45 108.8 47.0 141.2





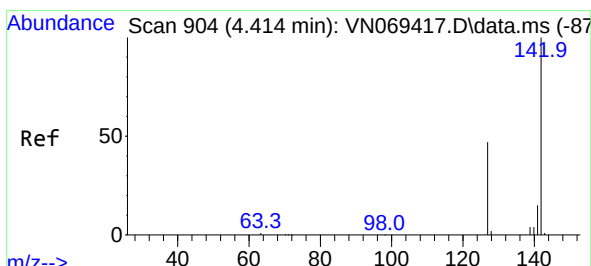
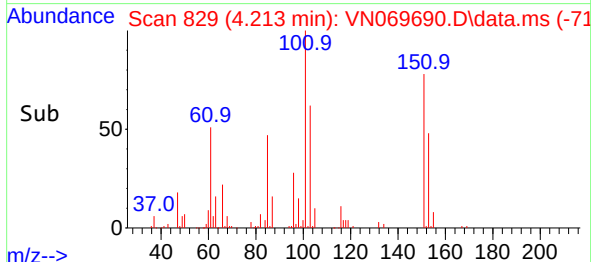
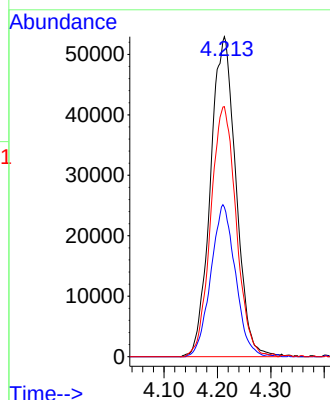
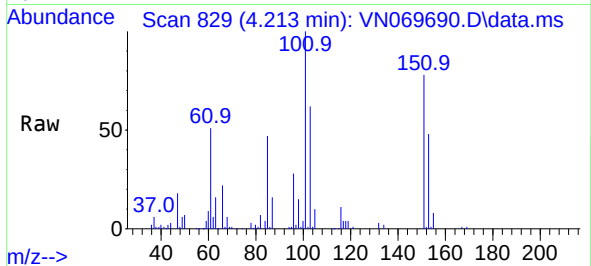
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.959 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.011 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:101 Resp: 17555
Ion Ratio Lower Upper
101 100
85 45.7 37.2 55.8
151 77.9 65.9 98.9

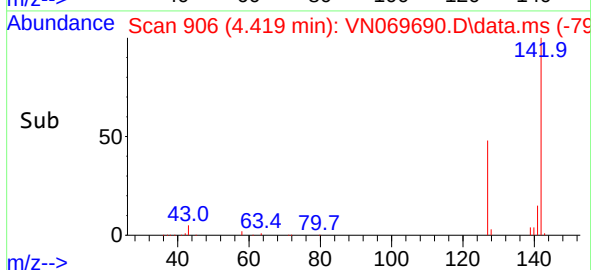
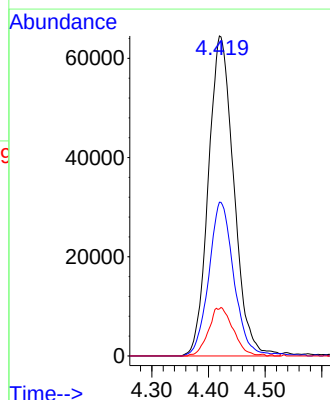
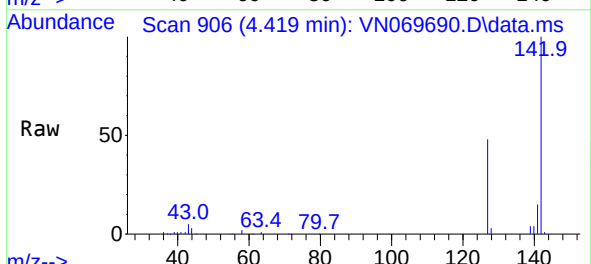
Manual Integrations
APPROVED

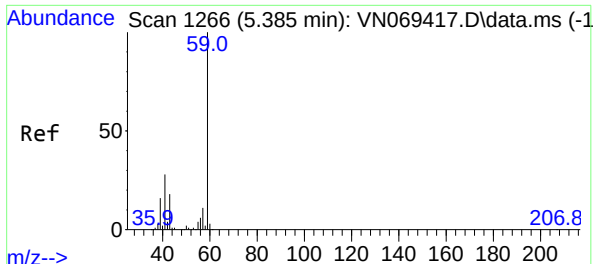
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#10
Methyl Iodide
Concen: 17.690 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

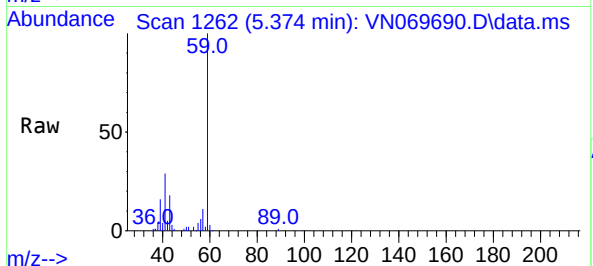
Tgt Ion:142 Resp: 200909
Ion Ratio Lower Upper
142 100
127 47.2 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 90.742 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

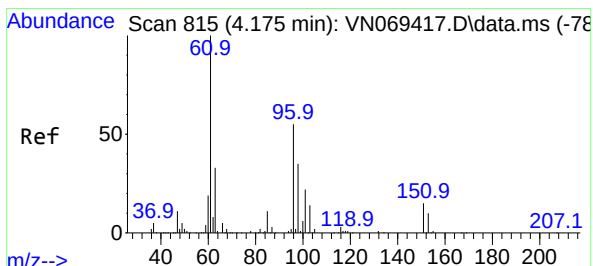
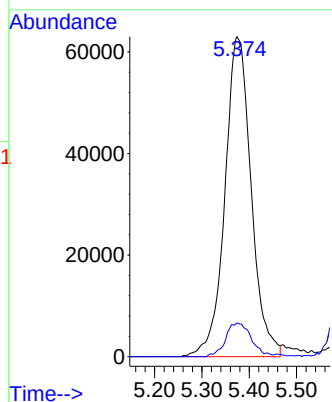
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 59 Resp: 24306
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

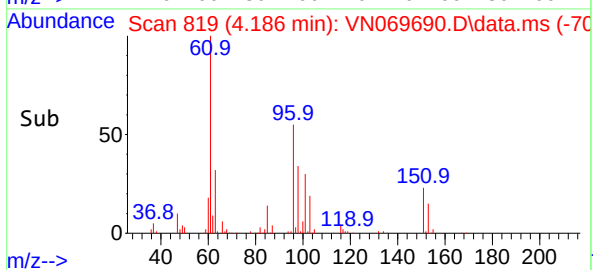
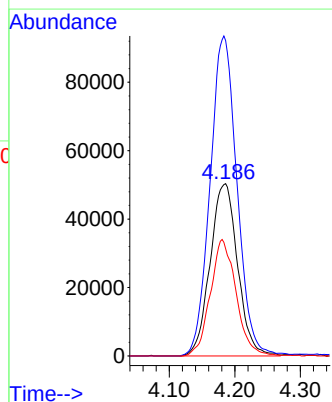
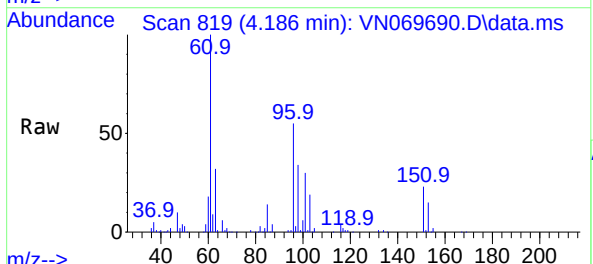
Manual Integrations
APPROVED

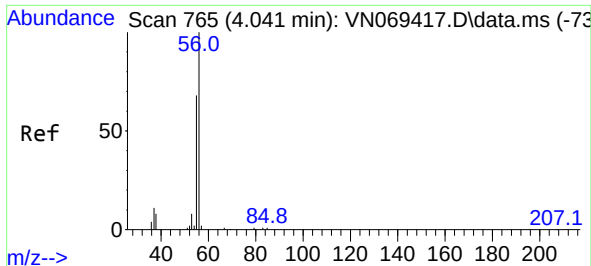
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#12
1,1-Dichloroethene
Concen: 17.663 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.011 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

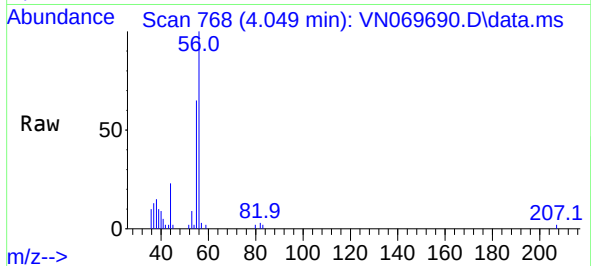
Tgt Ion: 96 Resp: 146769
Ion Ratio Lower Upper
96 100
61 183.0 131.0 196.6
98 62.3 52.4 78.6





#13
Acrolein
Concen: 63.791 ug/l
RT: 4.049 min Scan# 70
Delta R.T. 0.008 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

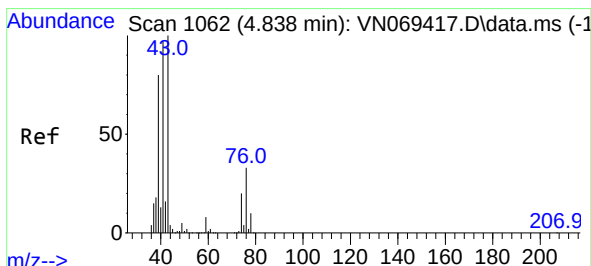
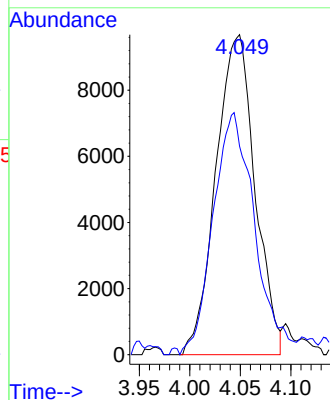
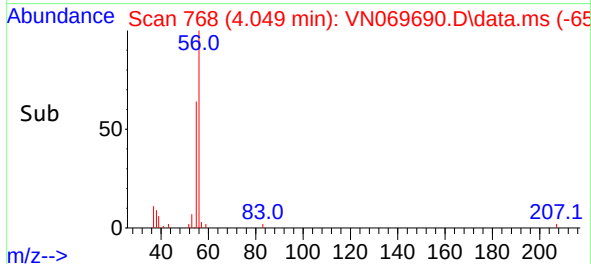
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



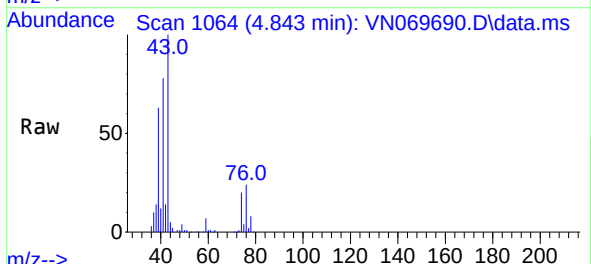
Tgt Ion: 56 Resp: 2606
Ion Ratio Lower Upper
56 100
55 80.1 56.6 85.0

Manual Integrations
APPROVED

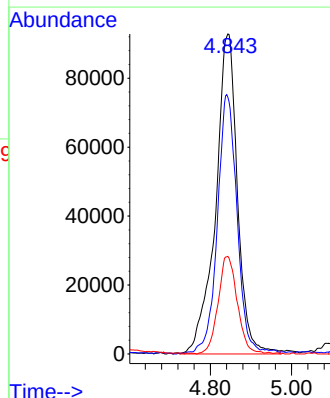
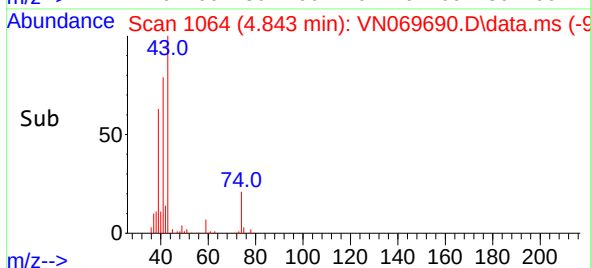
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

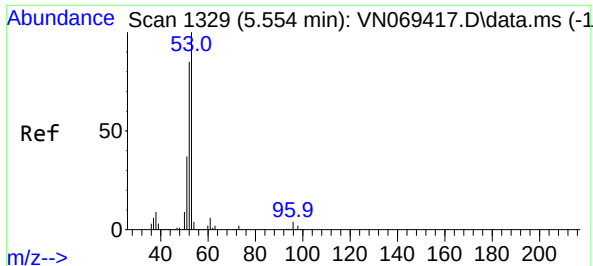


#14
Allyl chloride
Concen: 18.978 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



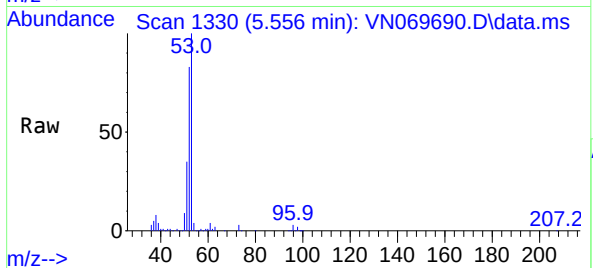
Tgt Ion: 41 Resp: 348651
Ion Ratio Lower Upper
41 100
39 72.3 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 99.852 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

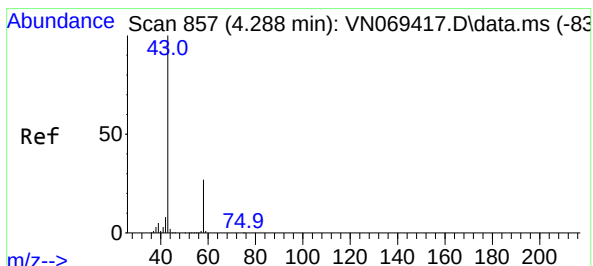
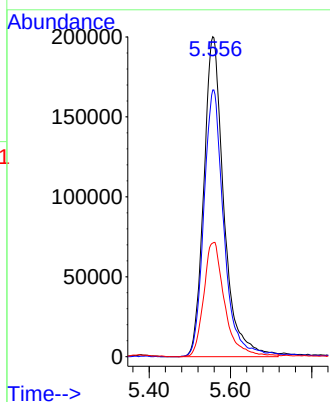
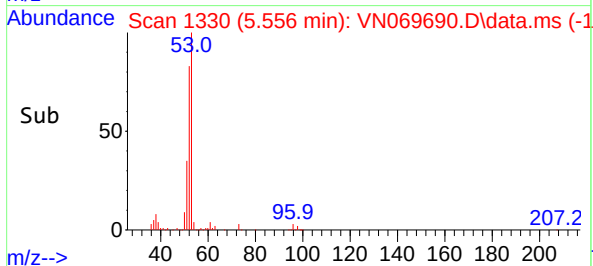
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 53 Resp: 684940
Ion Ratio Lower Upper
53 100
52 81.4 66.2 99.2
51 37.0 29.6 44.4

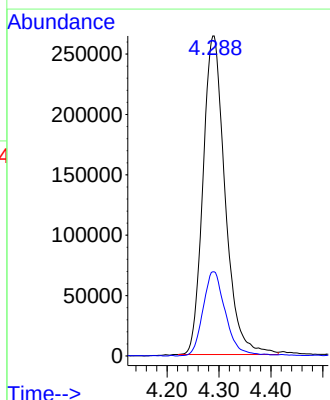
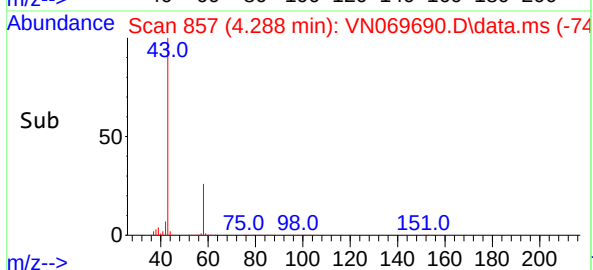
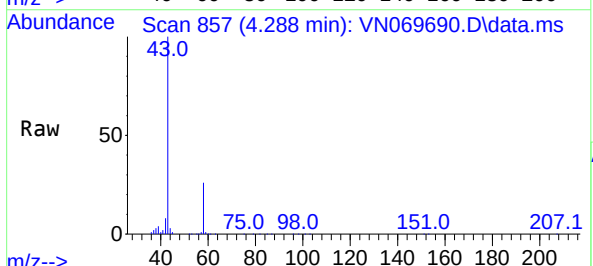
Manual Integrations
APPROVED

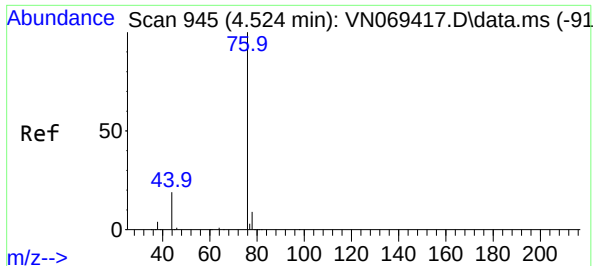
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#16
Acetone
Concen: 97.477 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

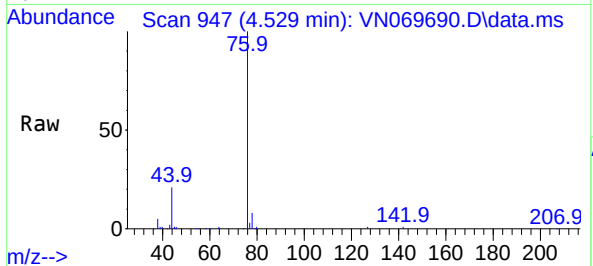
Tgt Ion: 43 Resp: 781807
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7





#17
Carbon Disulfide
Concen: 12.848 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

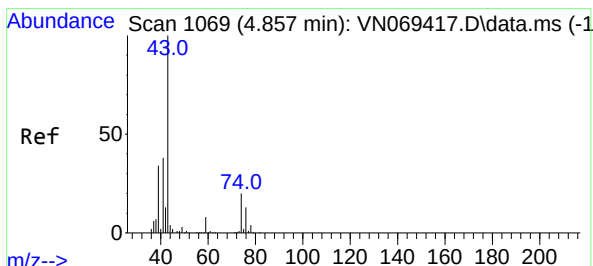
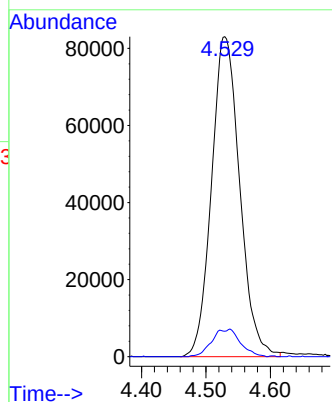
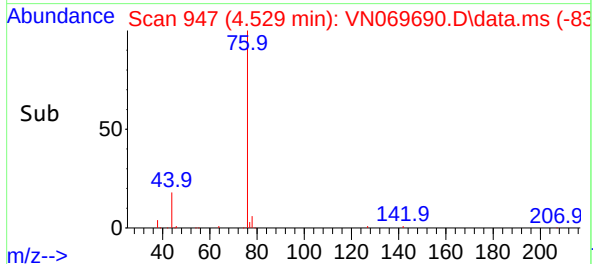
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



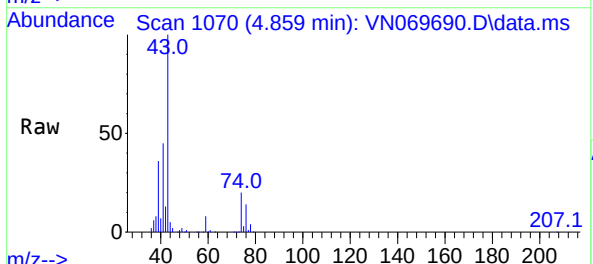
Tgt Ion: 76 Resp: 25235
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

Manual Integrations
APPROVED

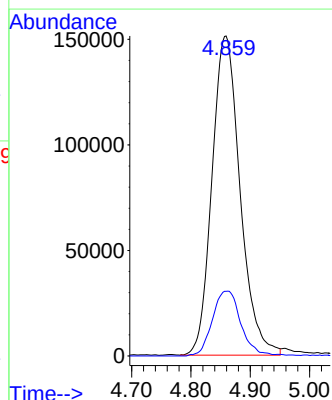
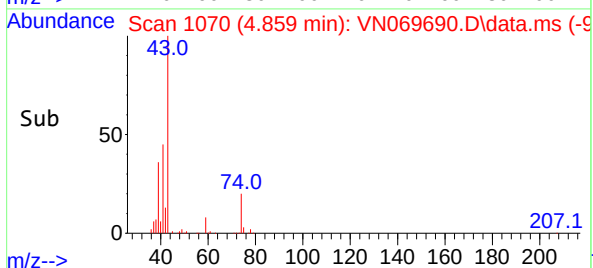
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

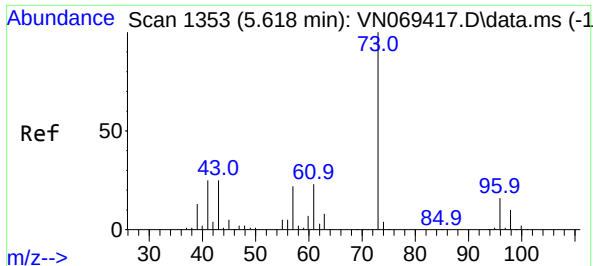


#18
Methyl Acetate
Concen: 19.112 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion: 43 Resp: 498279
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.359 ug/l

RT: 5.618 min Scan# 11596

Delta R.T. 0.000 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 73 Resp: 71596

Ion Ratio Lower Upper

73 100

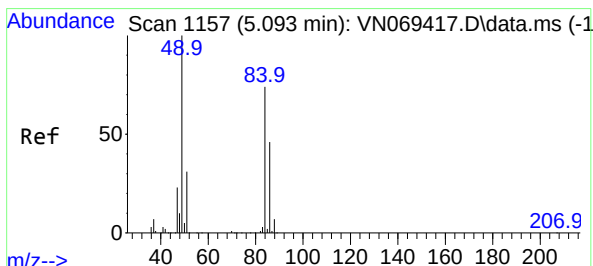
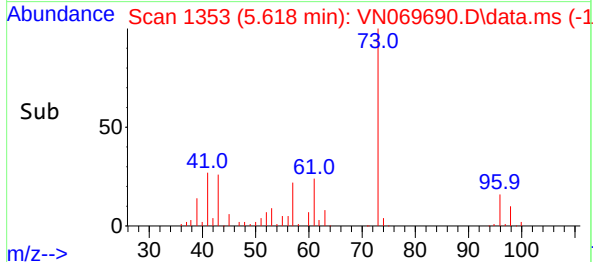
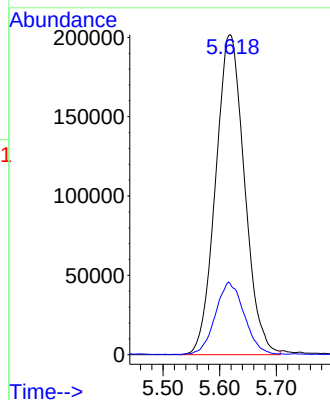
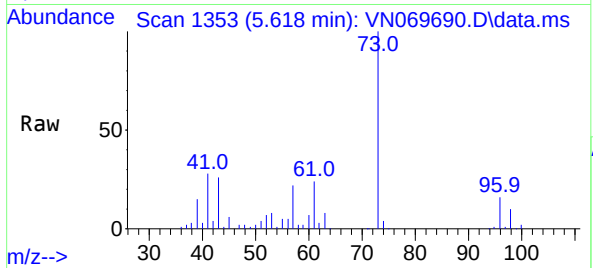
57 22.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#20

Methylene Chloride

Concen: 18.093 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

Tgt Ion: 84 Resp: 205775

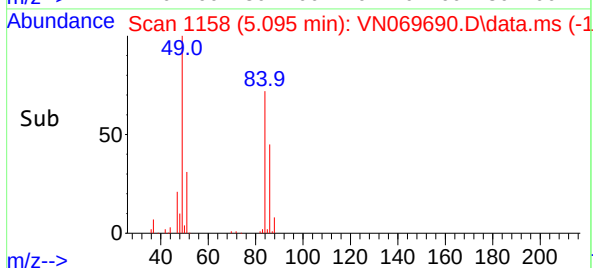
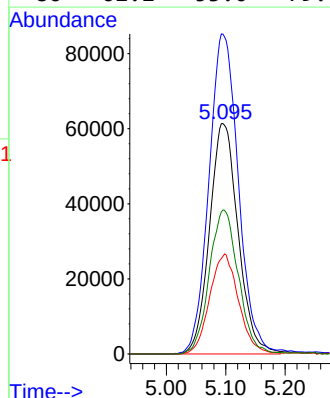
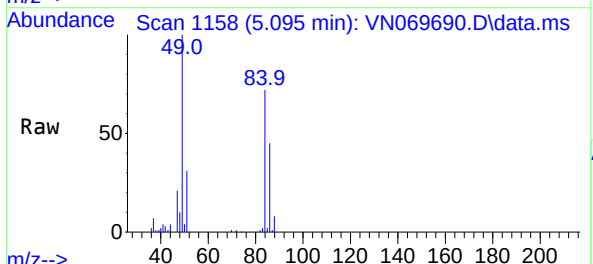
Ion Ratio Lower Upper

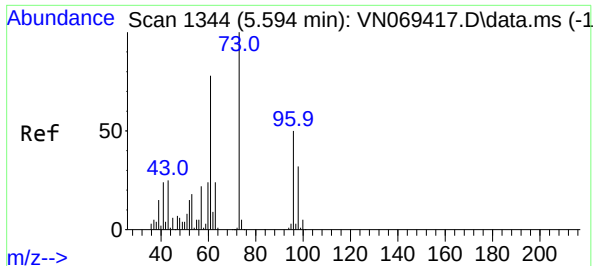
84 100

49 138.2 93.5 140.3

51 42.3 29.4 44.2

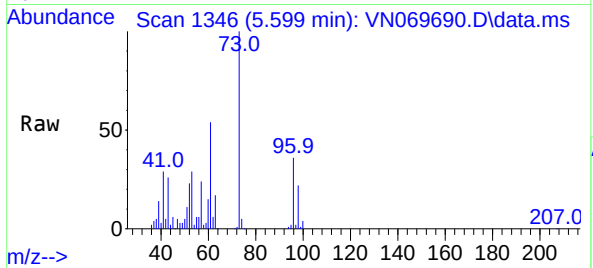
86 62.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.056 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

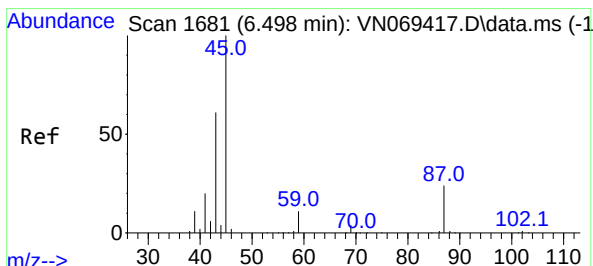
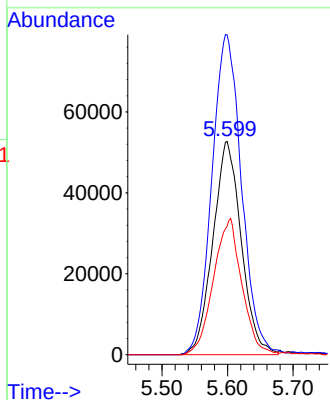
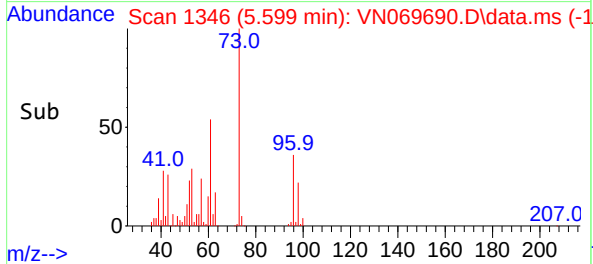
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



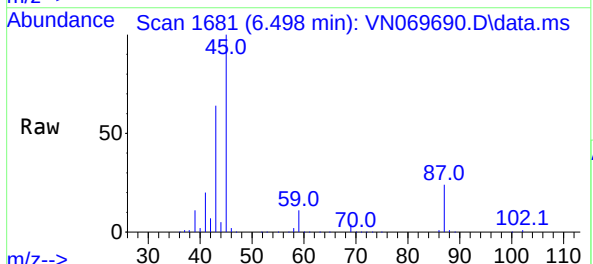
Tgt Ion: 96 Resp: 158302
Ion Ratio Lower Upper
96 100
61 149.9 105.8 158.6
98 60.3 52.0 78.0

Manual Integrations
APPROVED

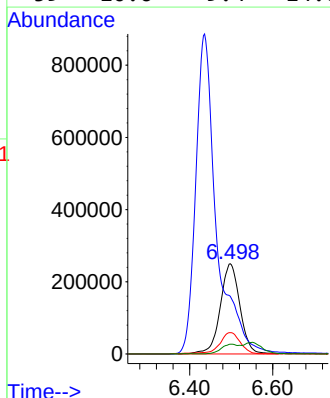
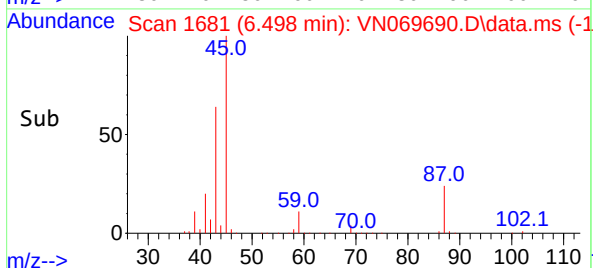
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

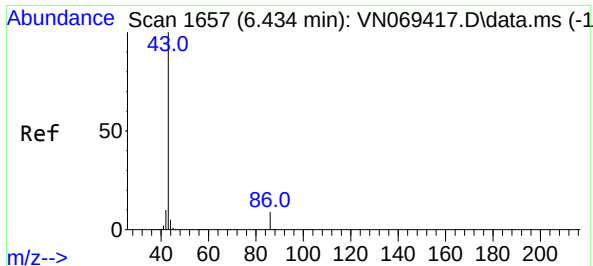


#22
Diisopropyl ether
Concen: 20.819 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion: 45 Resp: 823891
Ion Ratio Lower Upper
45 100
43 63.0 51.7 77.5
87 23.5 23.2 34.8
59 10.6 9.4 14.0





#23

Vinyl Acetate

Concen: 100.826 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.002 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 43 Resp: 308609

Ion Ratio Lower Upper

43 100

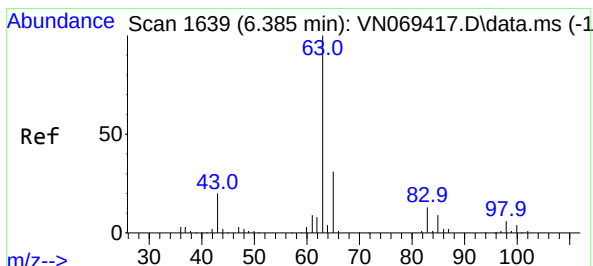
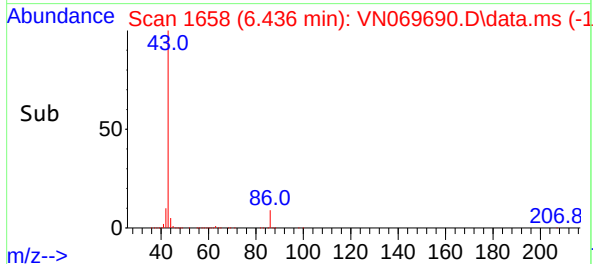
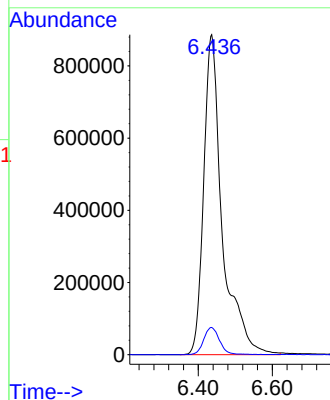
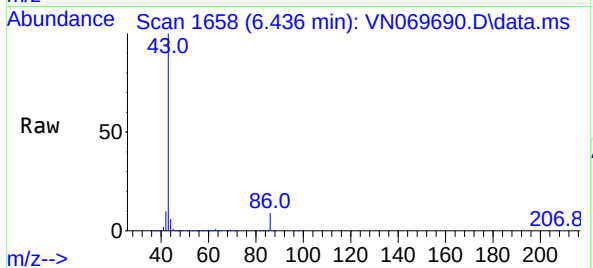
86 8.5 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#24

1,1-Dichloroethane

Concen: 19.510 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.003 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

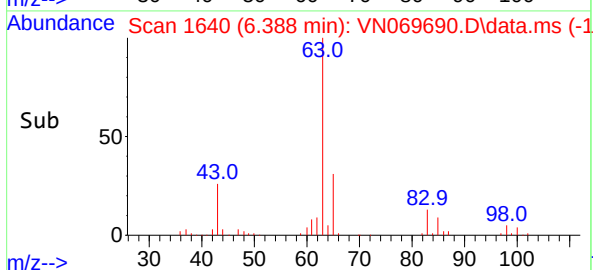
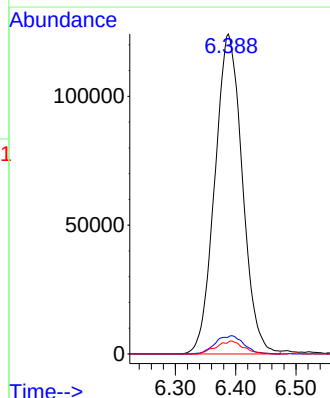
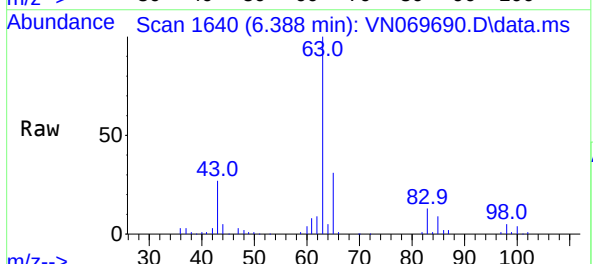
Tgt Ion: 63 Resp: 393257

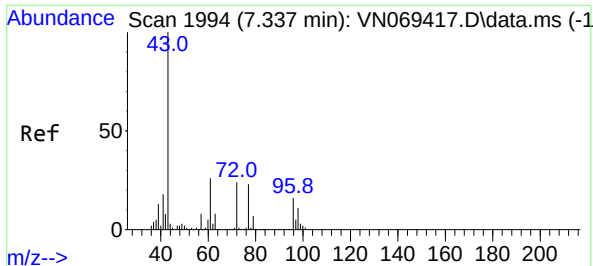
Ion Ratio Lower Upper

63 100

98 5.3 3.3 9.9

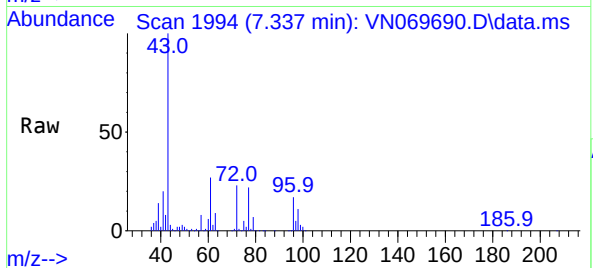
100 3.7 2.1 6.5





#25
2-Butanone
Concen: 96.952 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

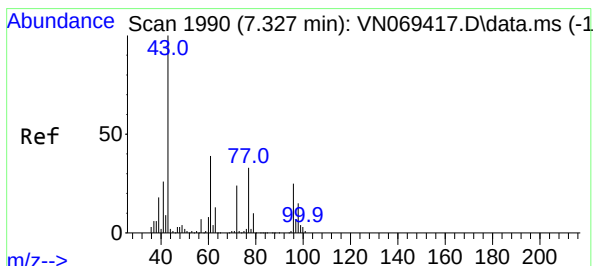
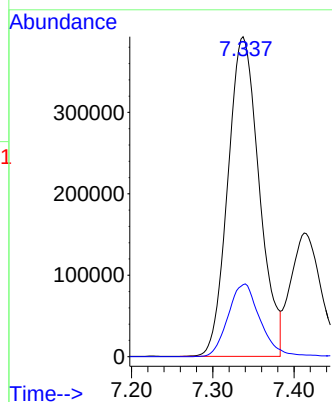
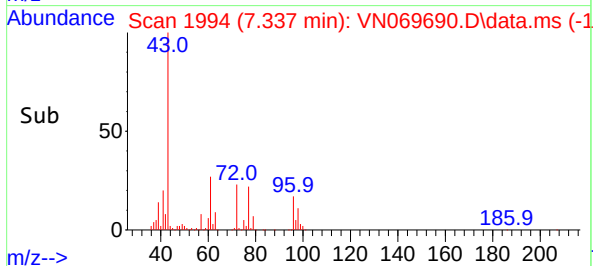
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



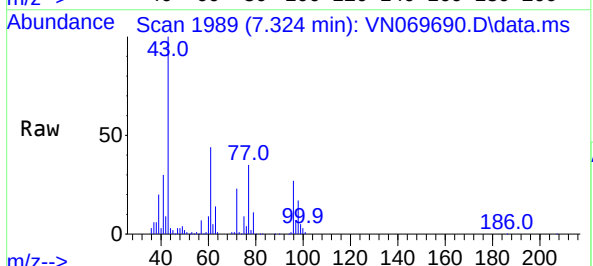
Tgt Ion: 43 Resp: 1052929
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

Manual Integrations
APPROVED

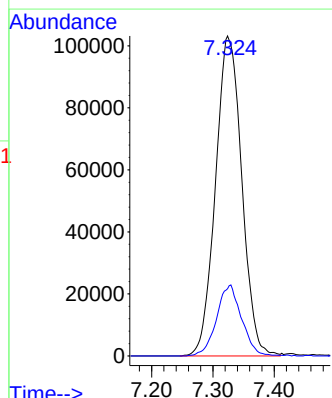
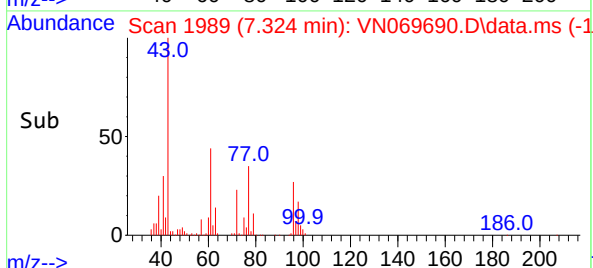
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

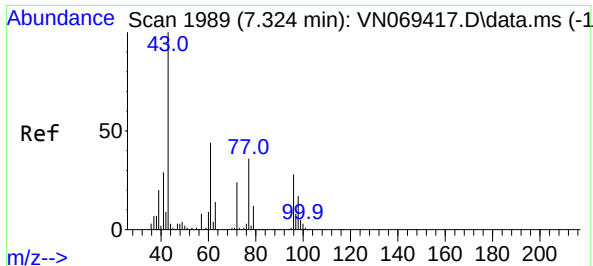


#26
2,2-Dichloropropane
Concen: 19.472 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



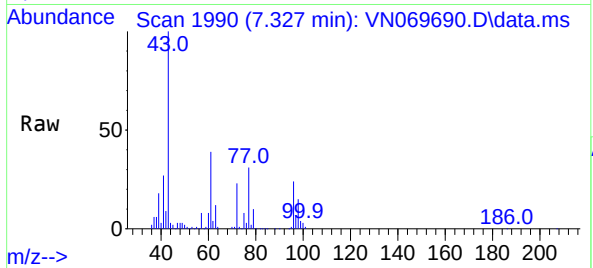
Tgt Ion: 77 Resp: 307088
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.017 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

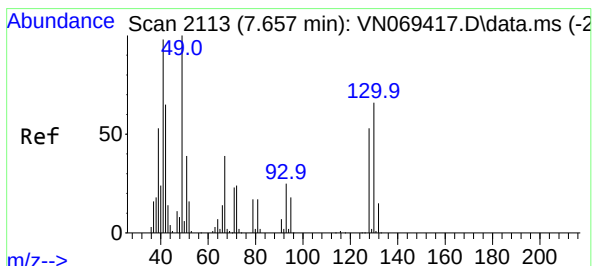
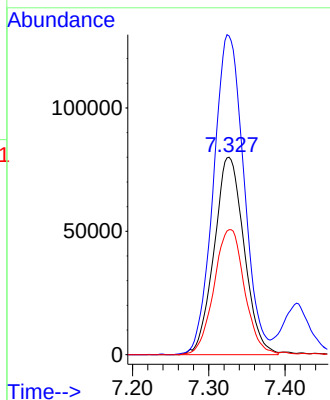
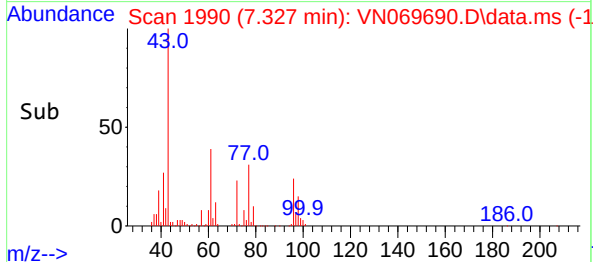
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 96 Resp: 218790
Ion Ratio Lower Upper
96 100
61 164.3 0.0 275.0
98 64.5 0.0 129.6

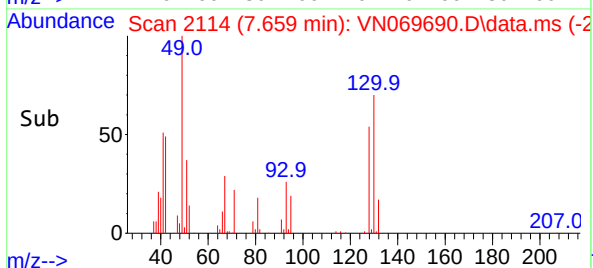
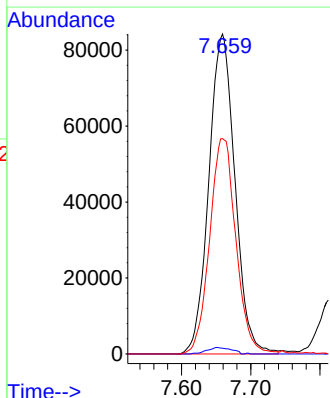
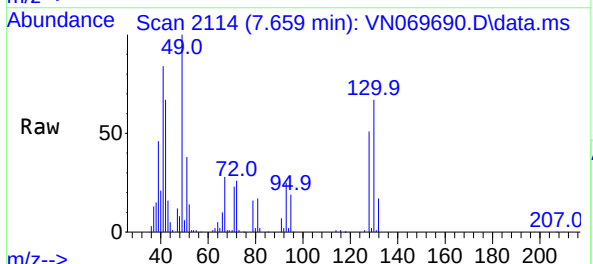
Manual Integrations
APPROVED

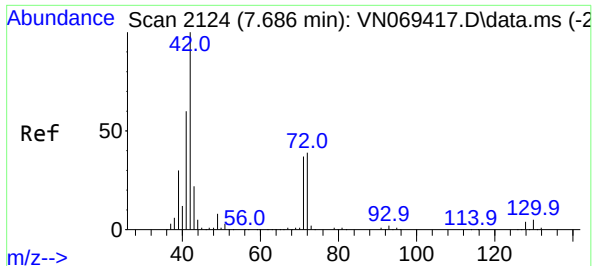
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#28
Bromochloromethane
Concen: 21.409 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Tgt Ion: 49 Resp: 220996
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 67.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 96.602 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 42 Resp: 64382

Ion Ratio Lower Upper

42 100

72 38.4 36.3 54.5

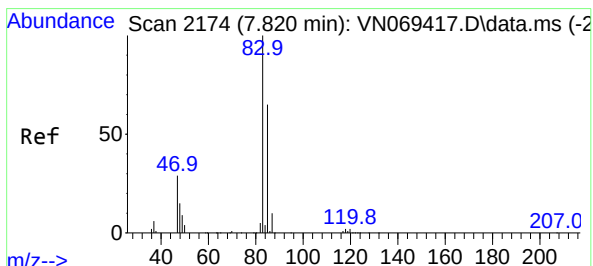
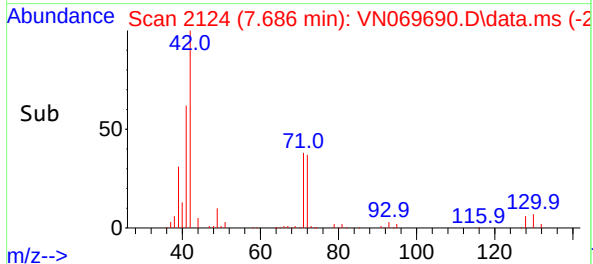
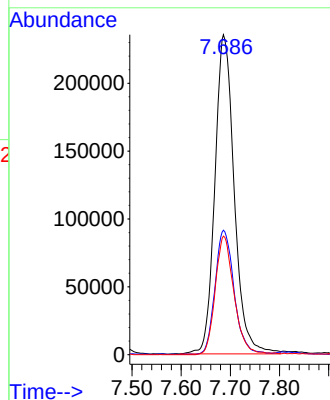
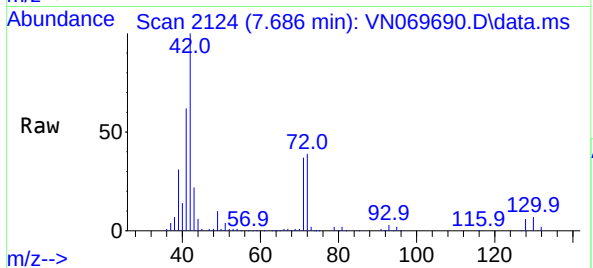
71 36.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#30

Chloroform

Concen: 20.155 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069690.D

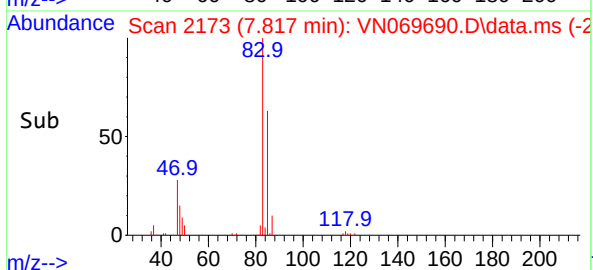
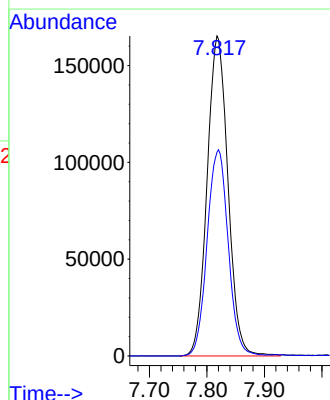
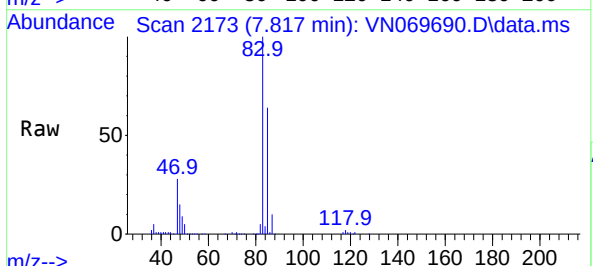
Acq: 1 Dec 2021 14:33

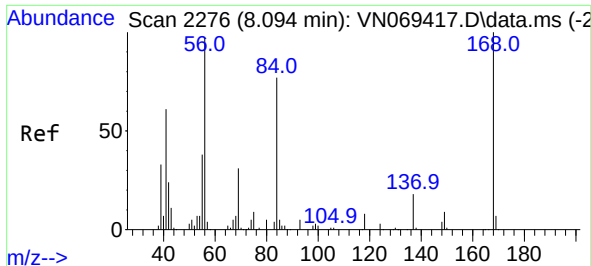
Tgt Ion: 83 Resp: 416486

Ion Ratio Lower Upper

83 100

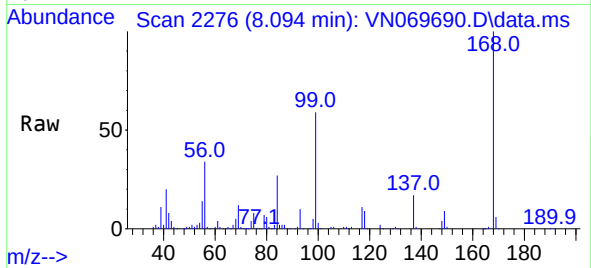
85 63.7 51.9 77.9





#31
Cyclohexane
Concen: 16.432 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

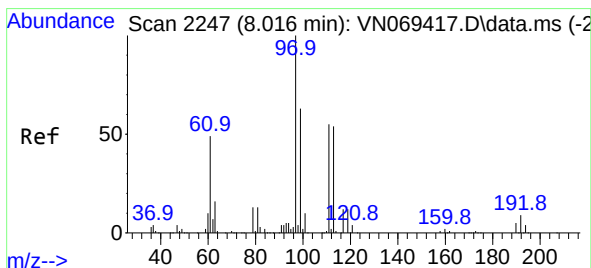
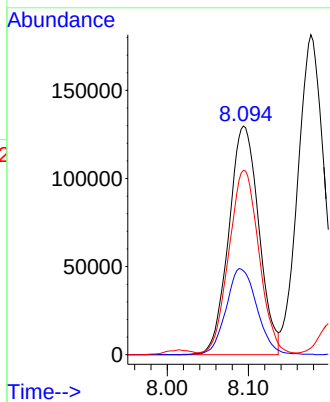
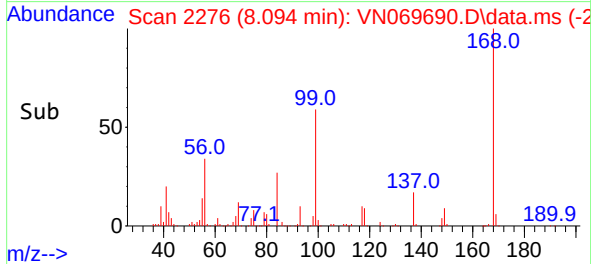
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



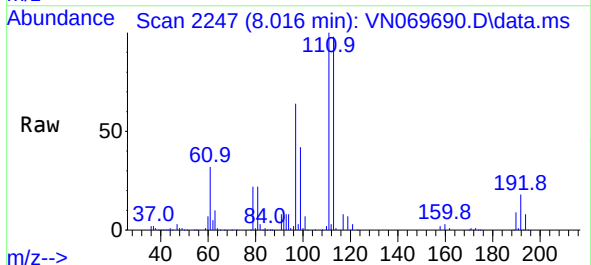
Tgt Ion: 56 Resp: 333708
Ion Ratio Lower Upper
56 100
69 36.8 27.1 40.7
84 78.5 73.4 110.0

Manual Integrations
APPROVED

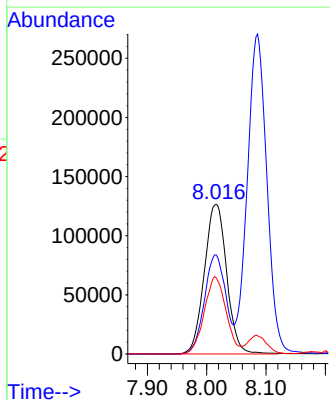
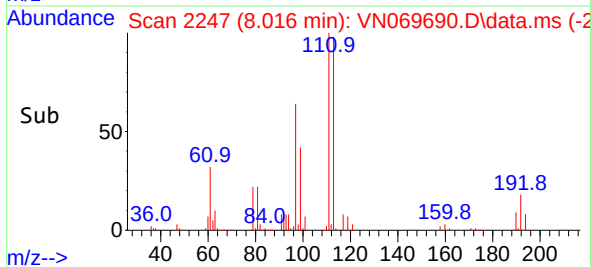
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

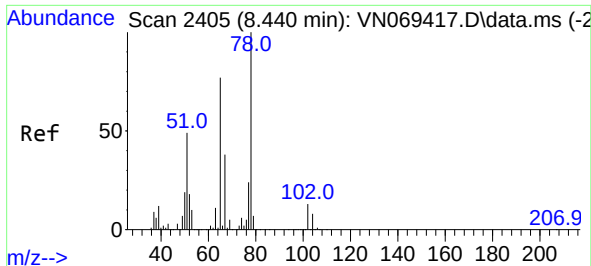


#32
1,1,1-Trichloroethane
Concen: 19.244 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion: 97 Resp: 331926
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.991 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069690.D

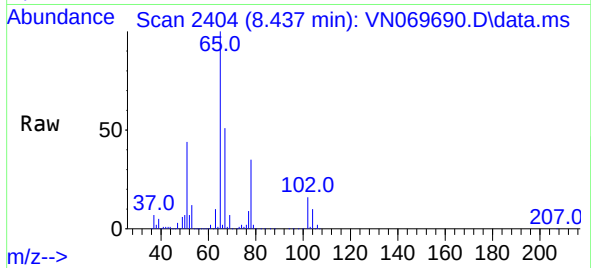
Acq: 1 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01



Tgt Ion: 65 Resp: 74312

Ion Ratio Lower Upper

65 100

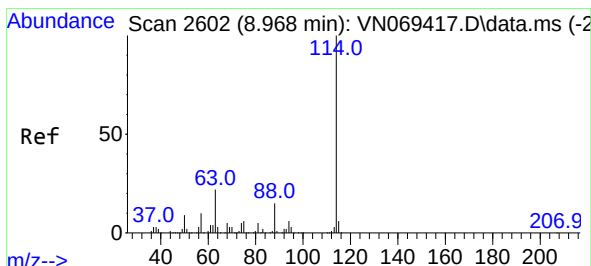
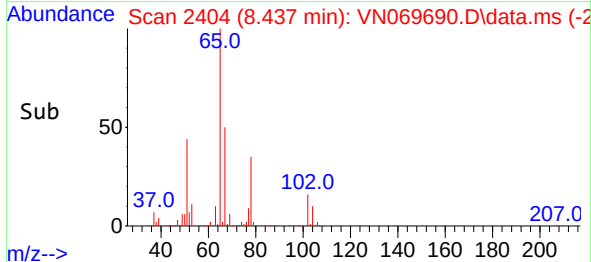
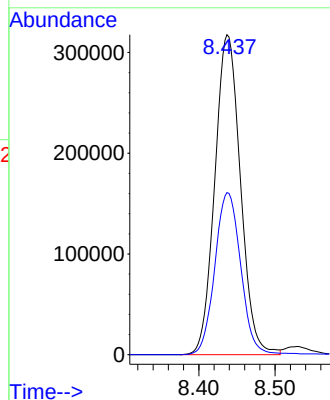
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

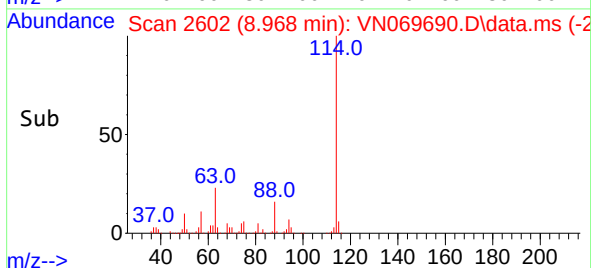
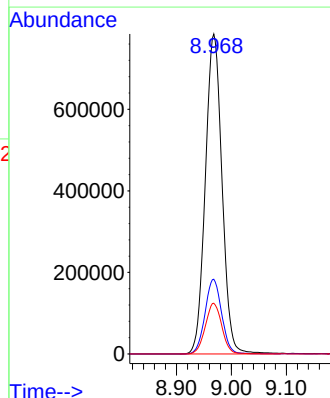
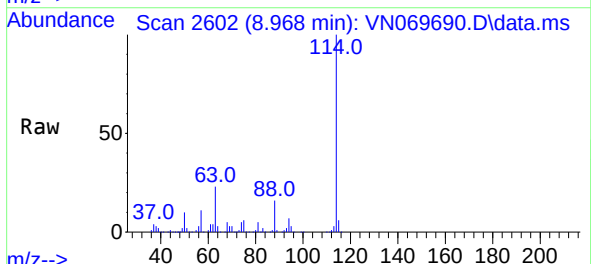
Tgt Ion:114 Resp: 1656163

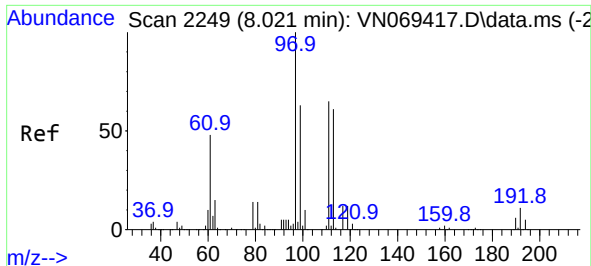
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

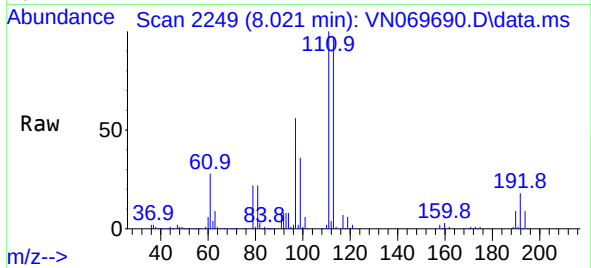
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.888 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

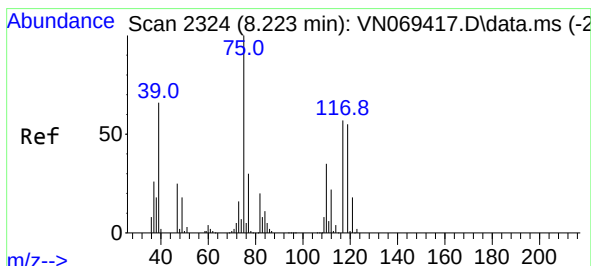
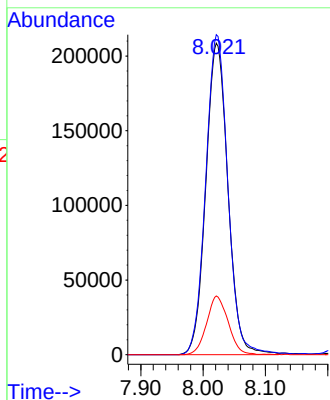
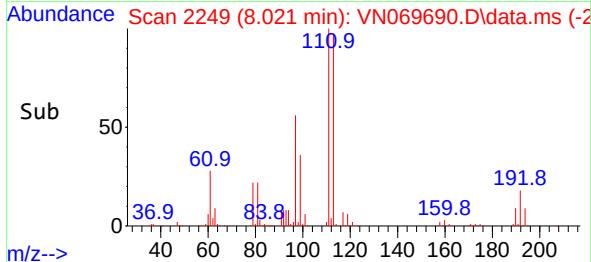
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



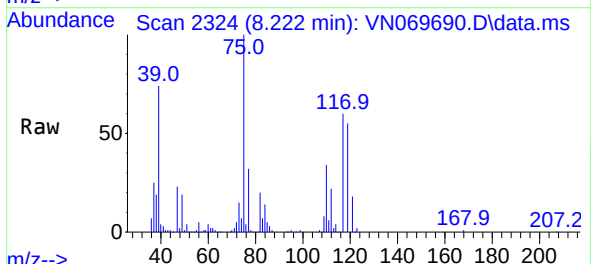
Tgt Ion: 113 Resp: 51540
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.3 16.9 25.3

Manual Integrations
APPROVED

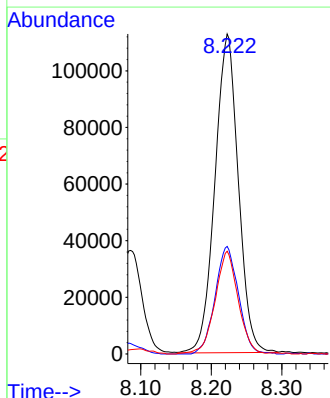
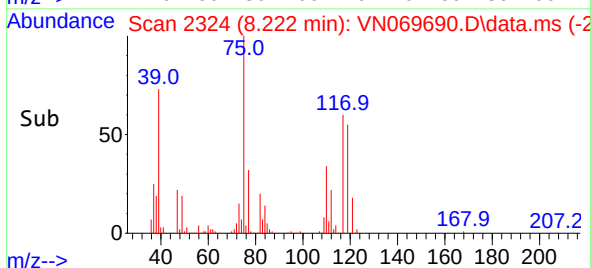
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

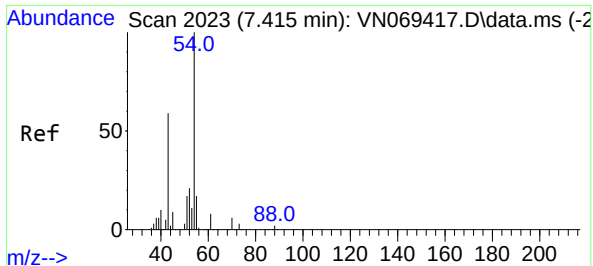


#36
1,1-Dichloropropene
Concen: 18.613 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion: 75 Resp: 259377
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 31.8 24.4 36.6





#37
Ethyl Acetate
Concen: 21.254 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

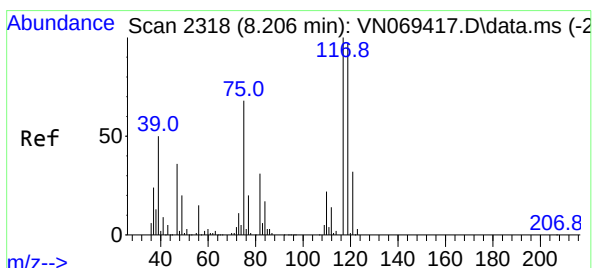
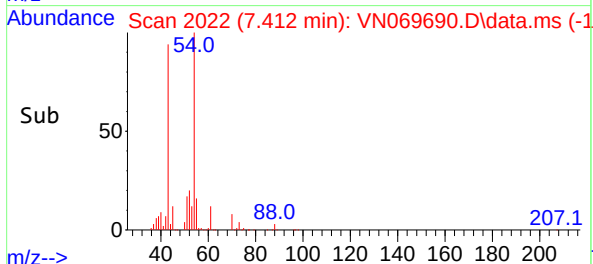
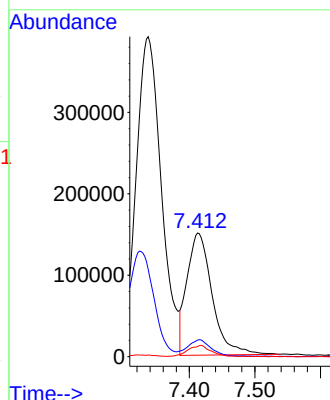
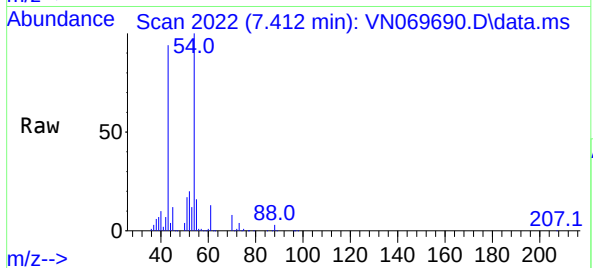
VN1201WBSD01

Tgt Ion: 43 Resp: 400389
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.1 7.9 11.9

Manual Integrations

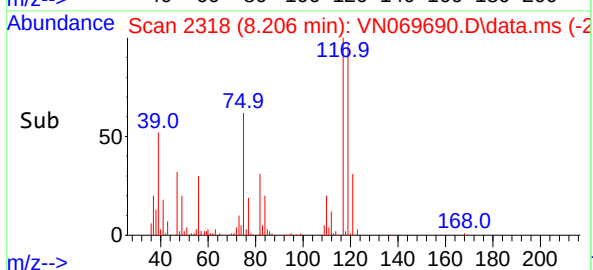
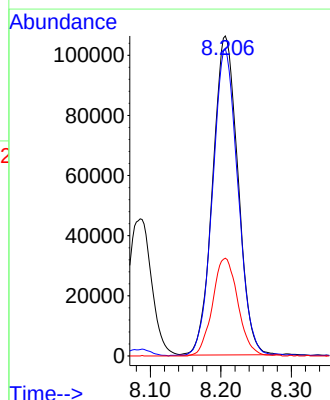
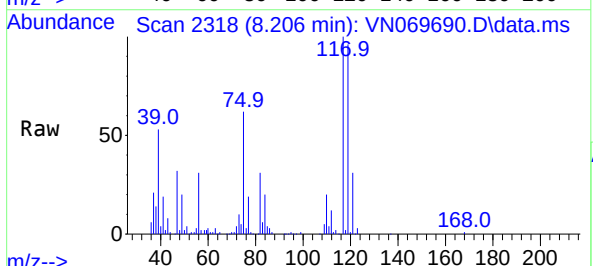
APPROVED

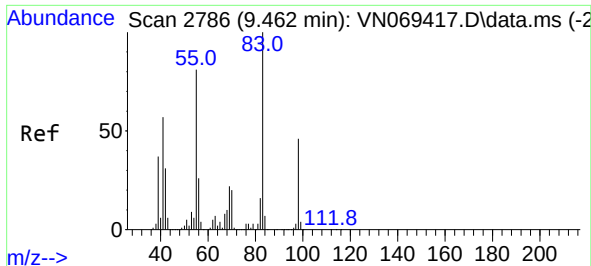
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#38
Carbon Tetrachloride
Concen: 19.591 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Tgt Ion:117 Resp: 263576
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 16.909 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 83 Resp: 293129

Ion Ratio Lower Upper

83 100

55 85.0 58.1 87.1

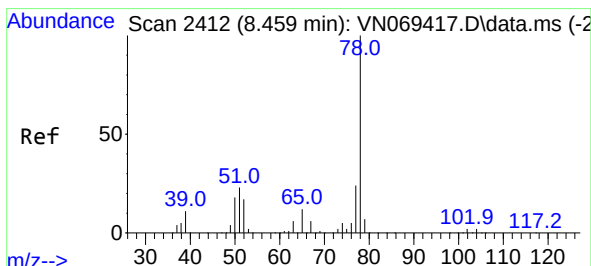
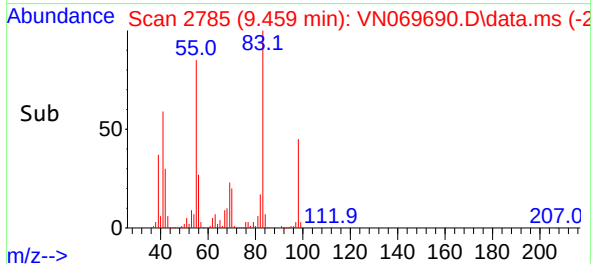
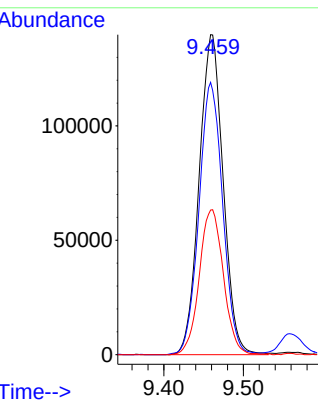
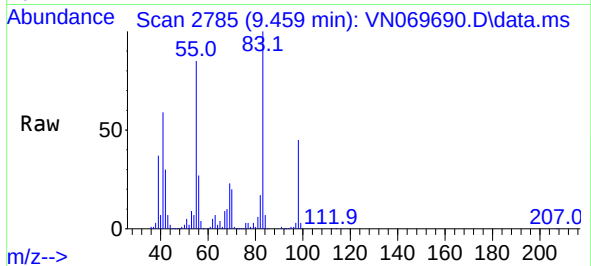
98 45.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#40

Benzene

Concen: 19.458 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.002 min

Lab File: VN069690.D

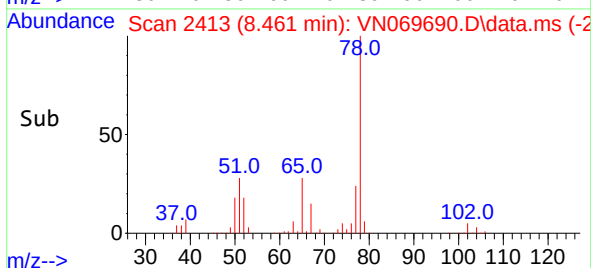
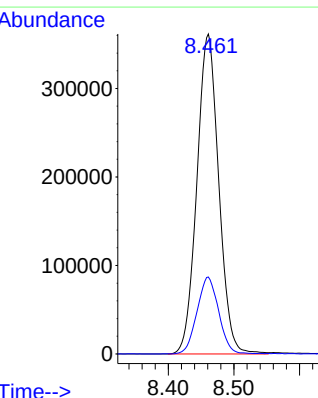
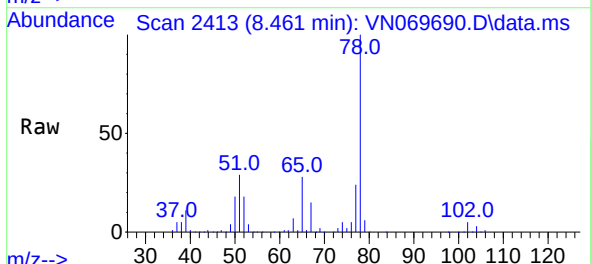
Acq: 1 Dec 2021 14:33

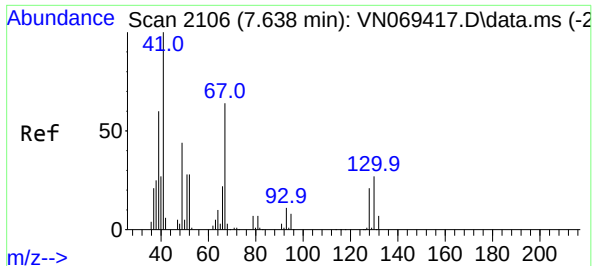
Tgt Ion: 78 Resp: 836952

Ion Ratio Lower Upper

78 100

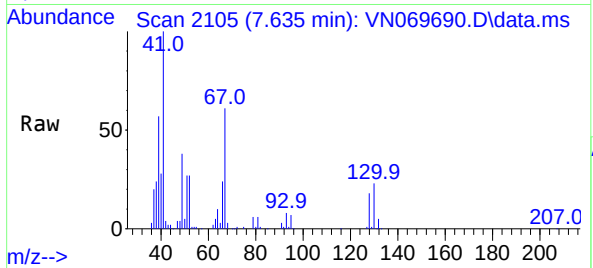
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 20.995 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

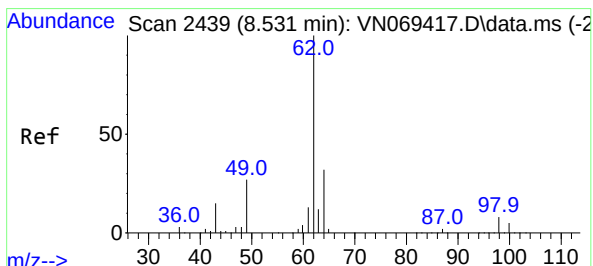
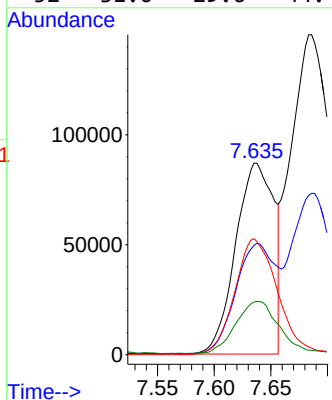
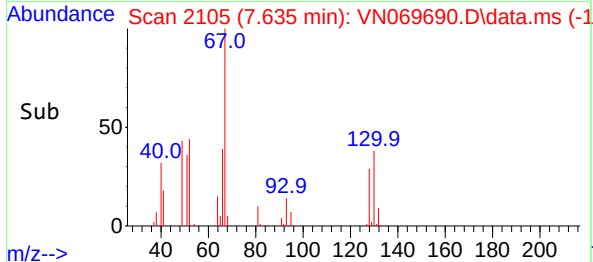
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 41 Resp: 20435
Ion Ratio Lower Upper
41 100
39 61.2 48.1 72.1
67 69.2 68.3 102.5
52 31.0 29.6 44.4

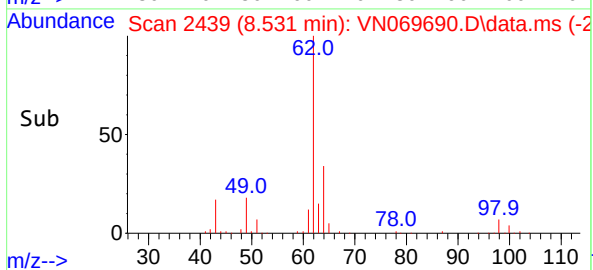
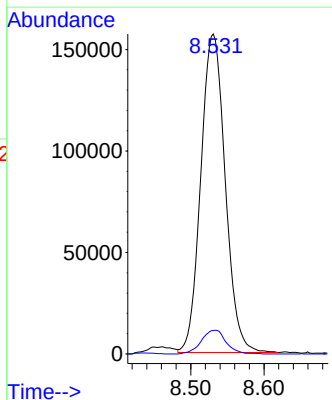
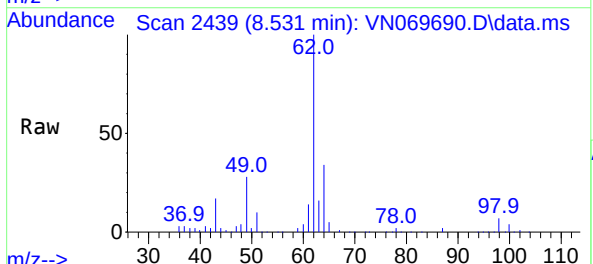
Manual Integrations
APPROVED

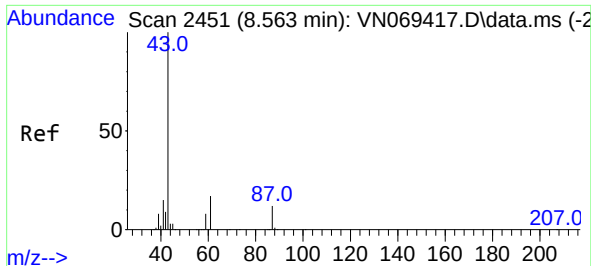
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#42
1,2-Dichloroethane
Concen: 21.561 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

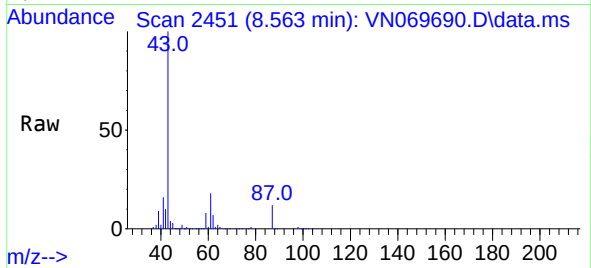
Tgt Ion: 62 Resp: 363147
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.907 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

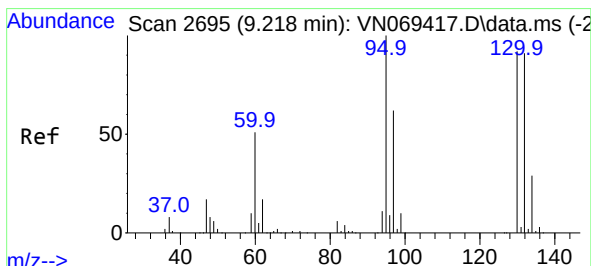
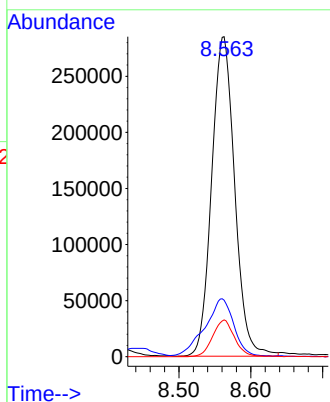
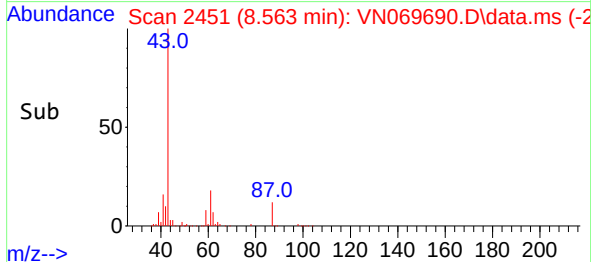
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



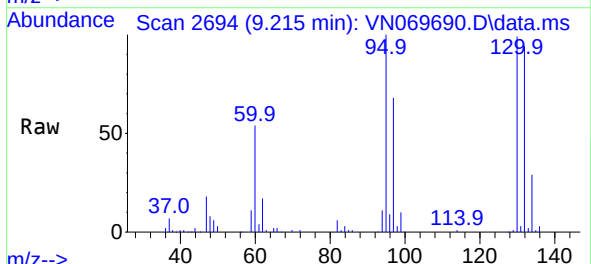
Tgt Ion: 43 Resp: 632600
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 10.9 11.2 16.8

Manual Integrations
APPROVED

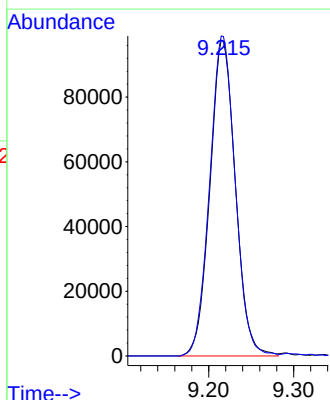
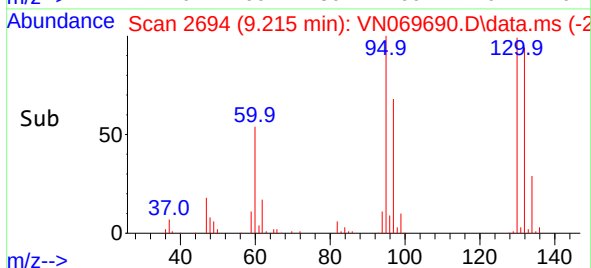
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

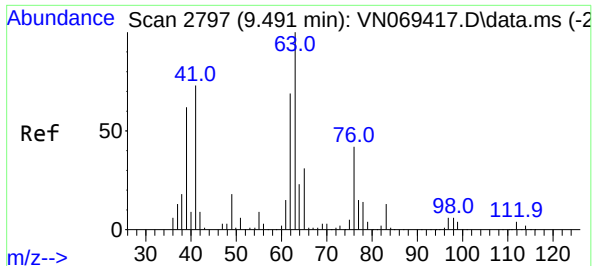


#44
Trichloroethene
Concen: 19.720 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion:130 Resp: 203013
Ion Ratio Lower Upper
130 100
95 101.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.905 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 63 Resp: 24024

Ion Ratio Lower Upper

63 100

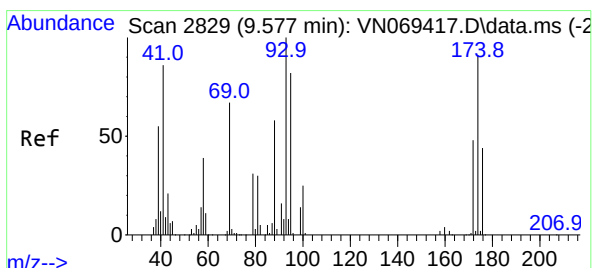
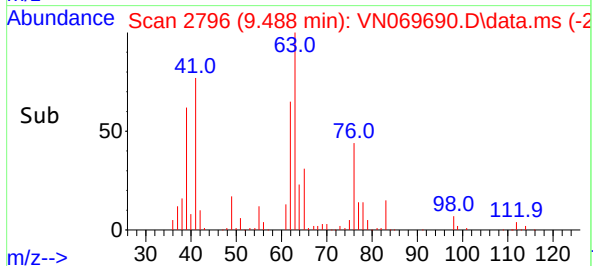
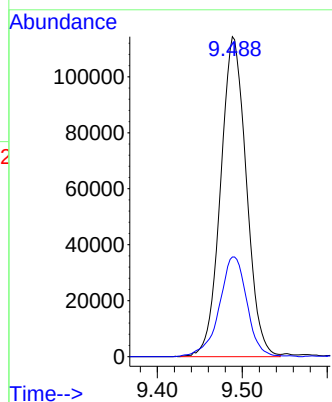
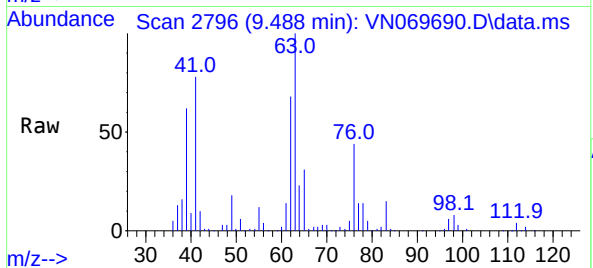
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#46

Dibromomethane

Concen: 20.098 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069690.D

Acq: 1 Dec 2021 14:33

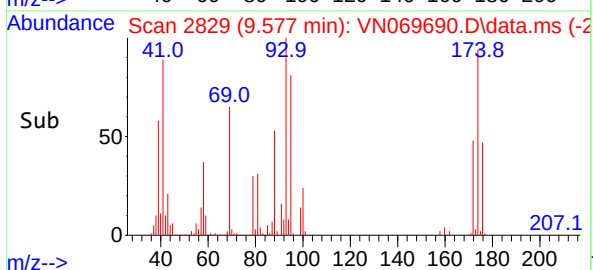
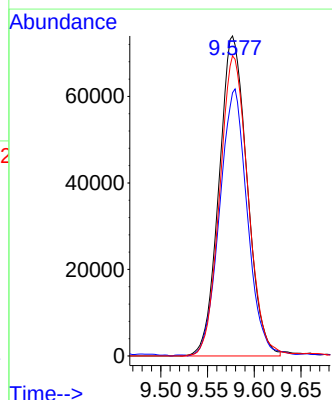
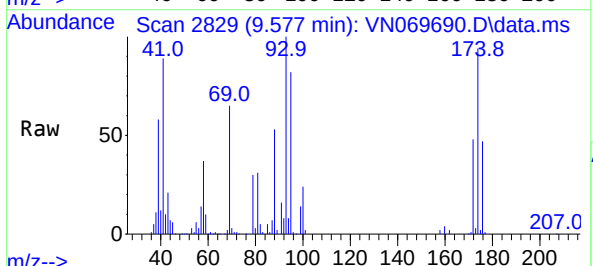
Tgt Ion: 93 Resp: 154706

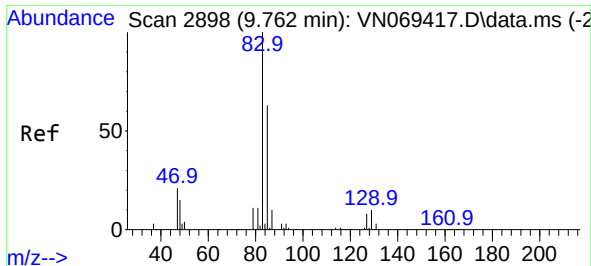
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

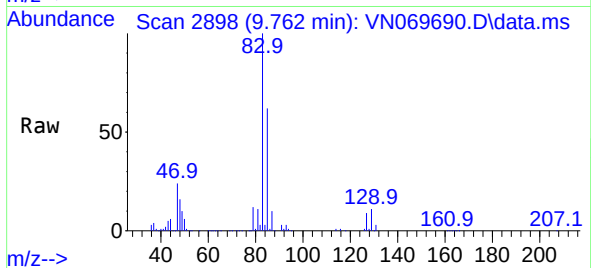
174 94.6 84.6 127.0





#47
Bromodichloromethane
Concen: 21.213 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

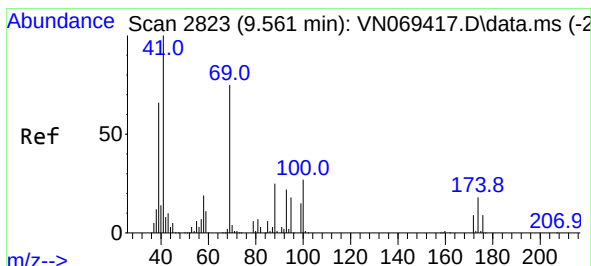
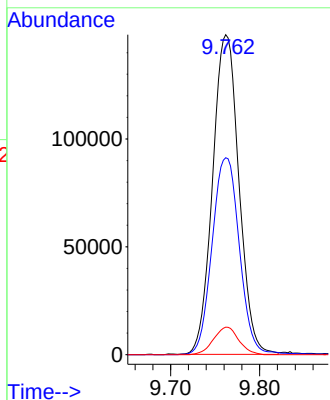
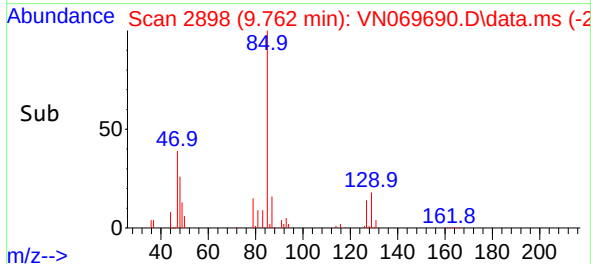
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



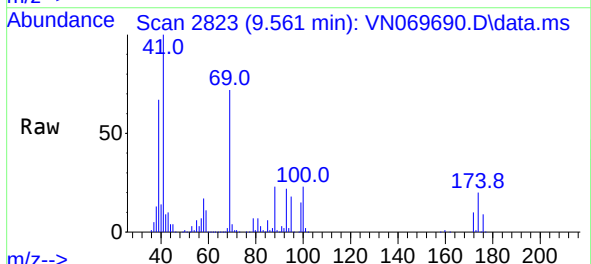
Tgt Ion: 83 Resp: 304711
Ion Ratio Lower Upper
83 100
85 61.6 50.9 76.3
127 8.6 7.1 10.7

Manual Integrations
APPROVED

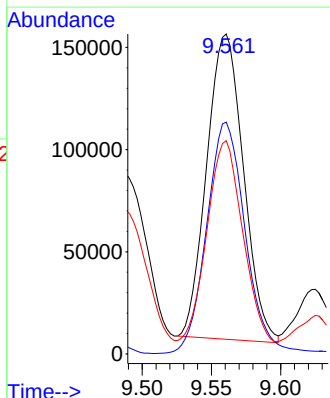
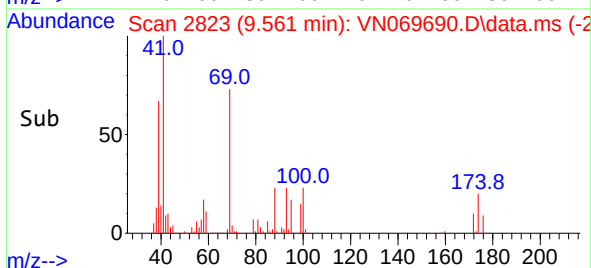
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

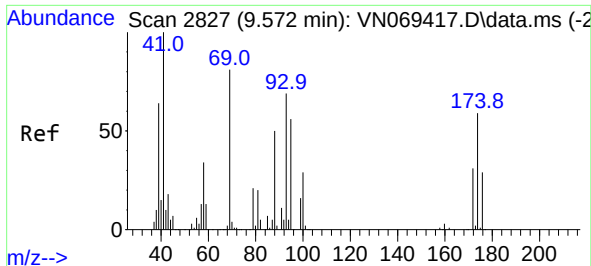


#48
Methyl methacrylate
Concen: 19.372 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



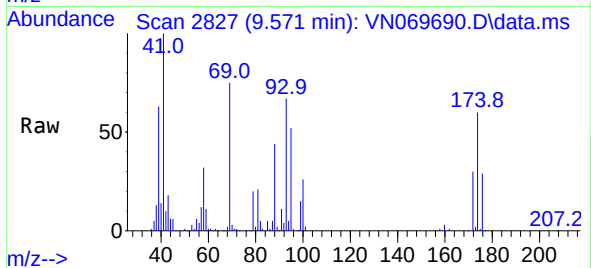
Tgt Ion: 41 Resp: 275778
Ion Ratio Lower Upper
41 100
69 80.1 72.4 108.6
39 71.2 58.4 87.6





#49
1,4-Dioxane
Concen: 372.394 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

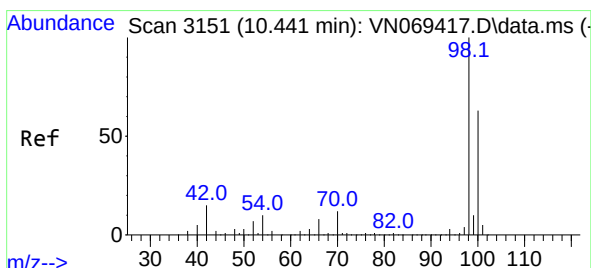
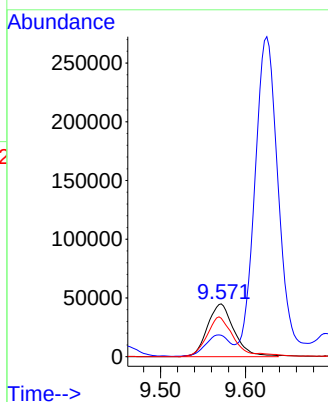
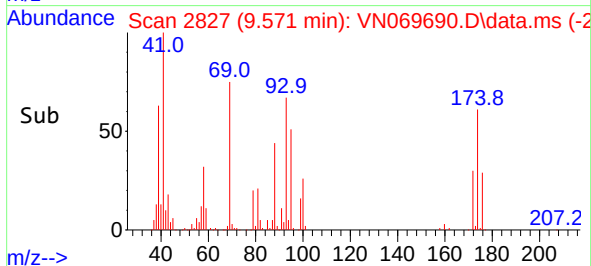
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 88 Resp: 97862
Ion Ratio Lower Upper
88 100
43 37.2 23.4 35.2
58 72.5 50.6 75.8

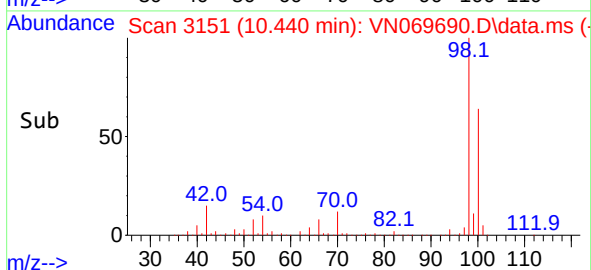
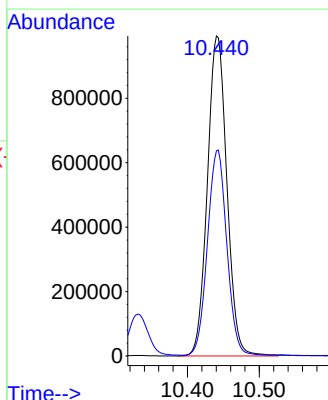
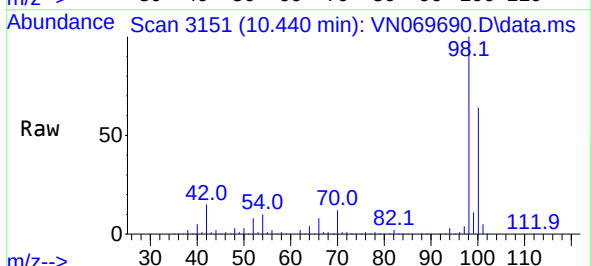
Manual Integrations
APPROVED

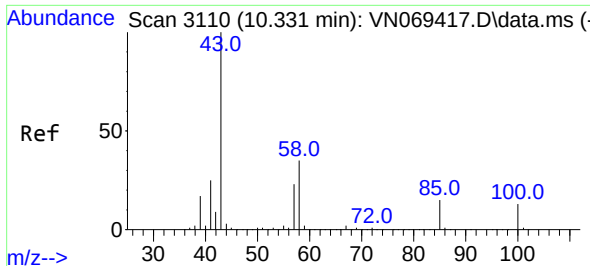
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#50
Toluene-d8
Concen: 48.011 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Tgt Ion: 98 Resp: 1875622
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





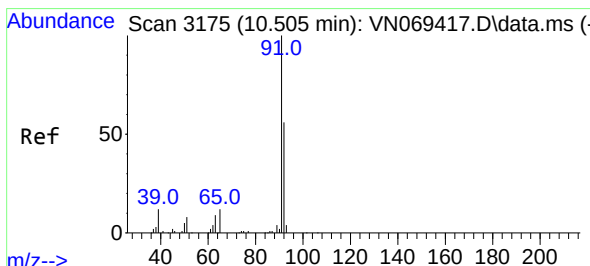
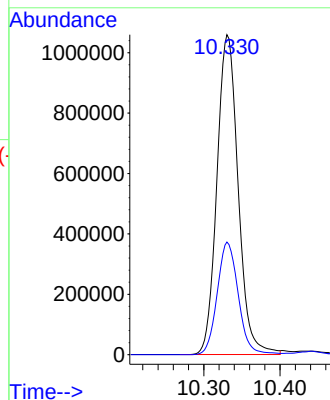
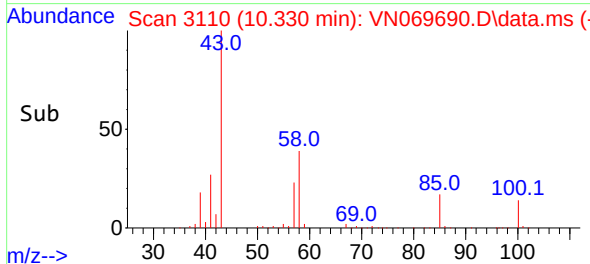
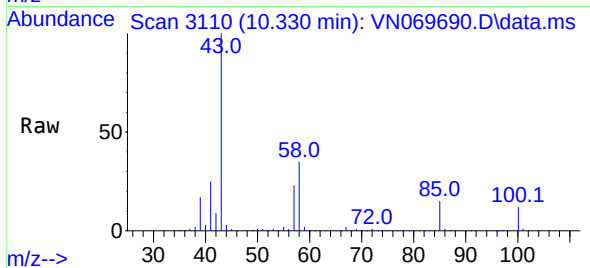
#51
4-Methyl-2-Pentanone
Concen: 104.845 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 43 Resp: 2047684
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

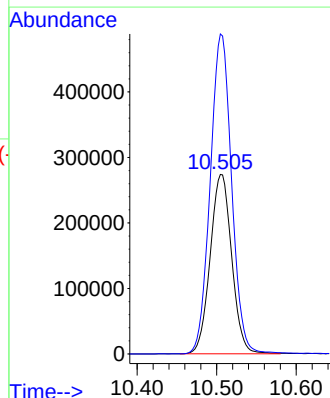
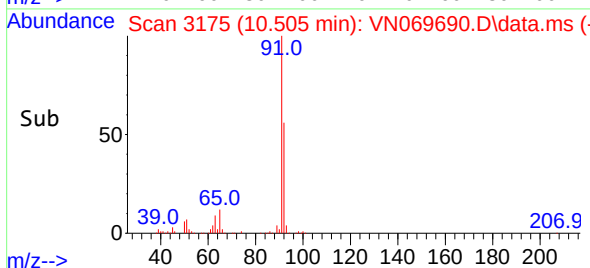
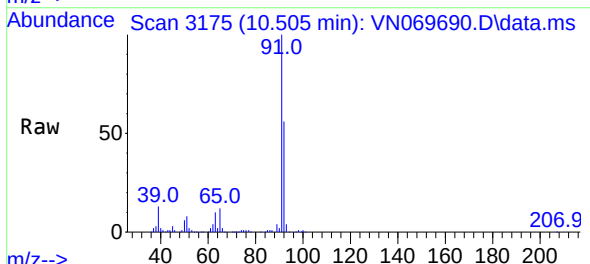
Manual Integrations
APPROVED

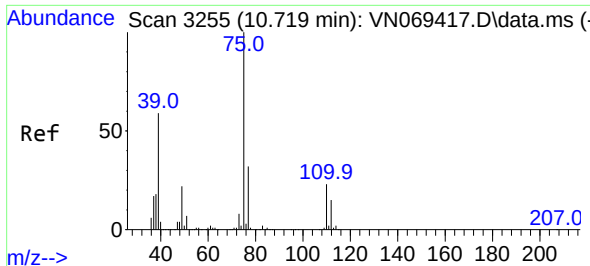
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#52
Toluene
Concen: 19.245 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

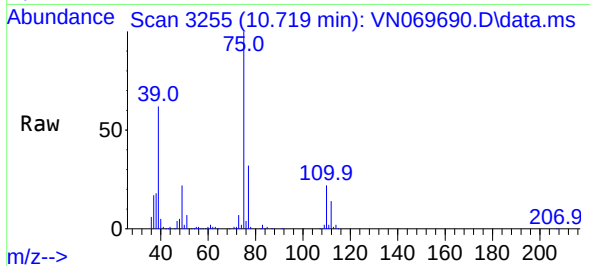
Tgt Ion: 92 Resp: 515701
Ion Ratio Lower Upper
92 100
91 177.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.195 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

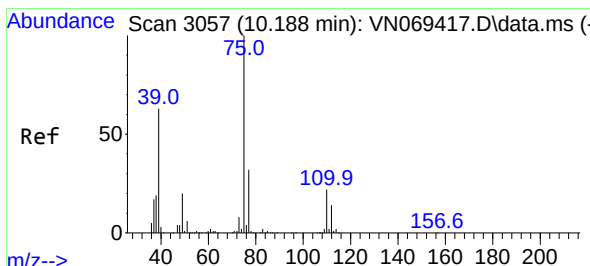
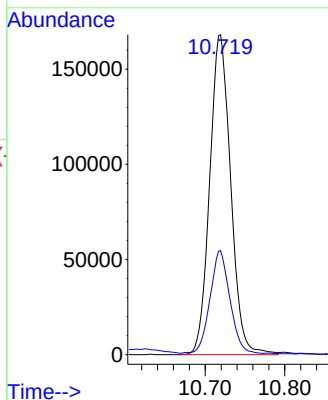
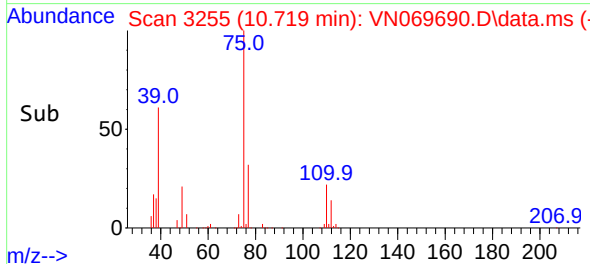
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



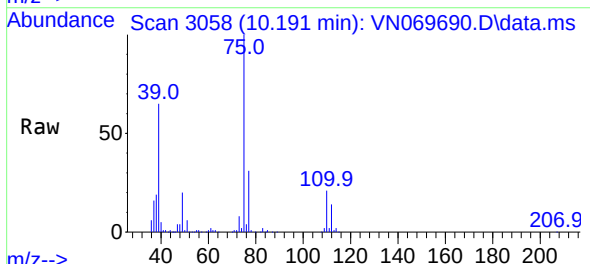
Tgt Ion: 75 Resp: 308702
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

Manual Integrations
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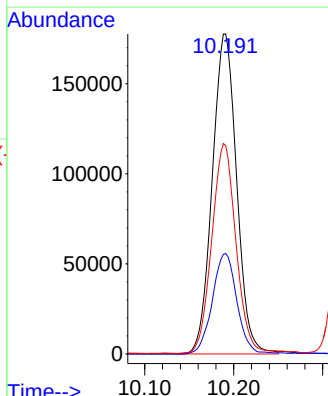
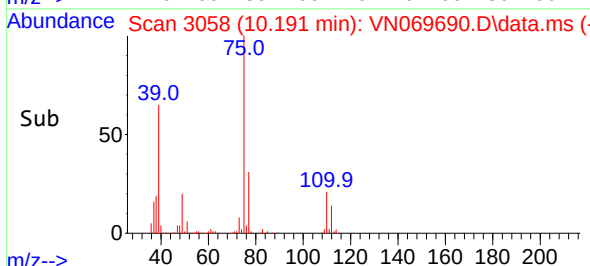
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

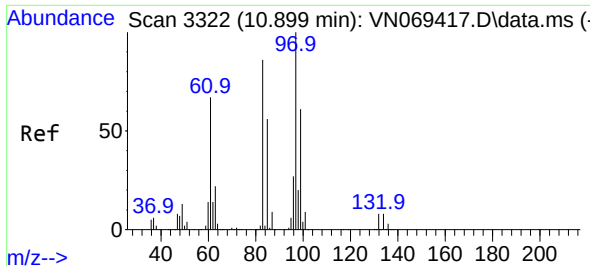


#54
cis-1,3-Dichloropropene
Concen: 19.260 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



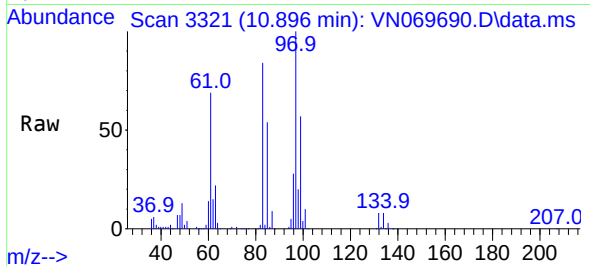
Tgt Ion: 75 Resp: 337908
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 65.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.759 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

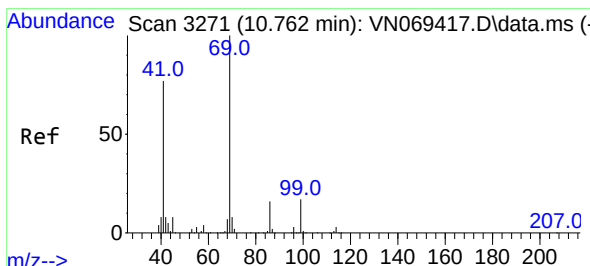
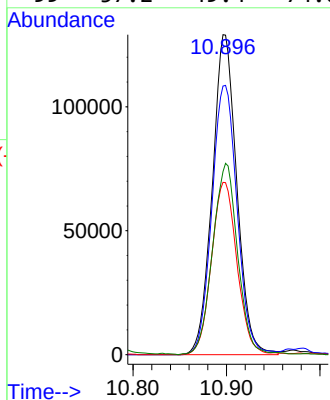
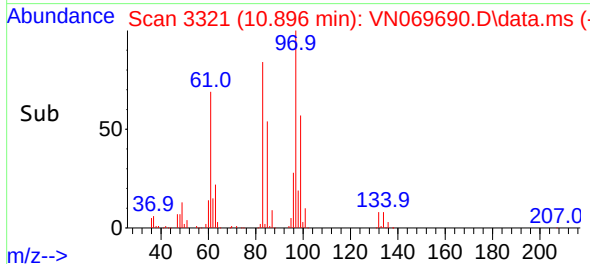


Tgt Ion: 97 Resp: 235040

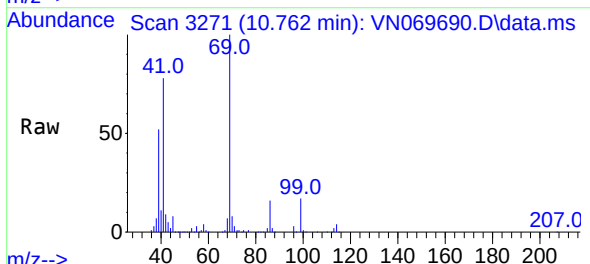
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.8	101.6
85	53.8	45.4	68.2
99	57.2	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

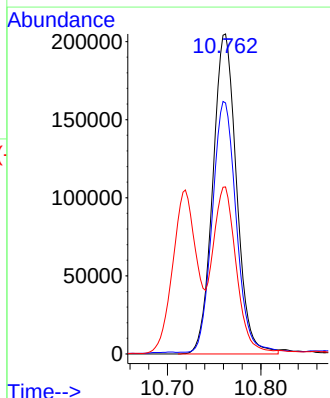
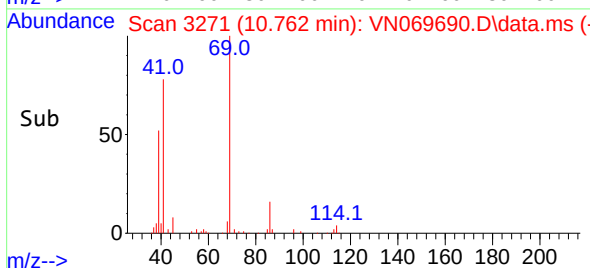


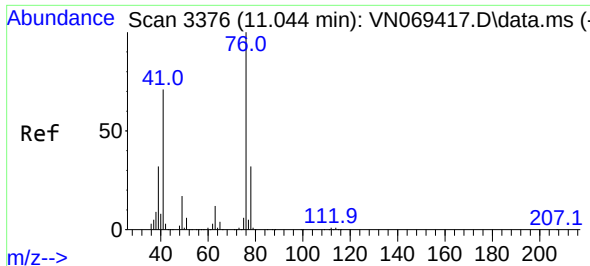
#56
Ethyl methacrylate
Concen: 19.107 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion: 69 Resp: 362035

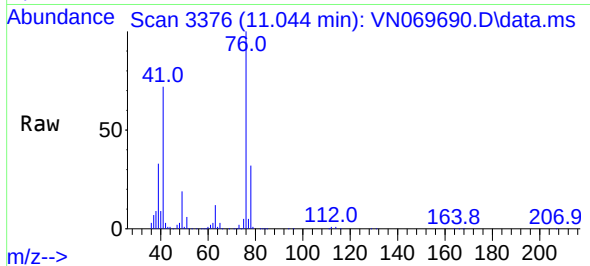
Ion	Ratio	Lower	Upper
69	100		
41	79.1	51.4	77.0#
39	49.6	34.6	52.0





#57
1,3-Dichloropropane
Concen: 20.931 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

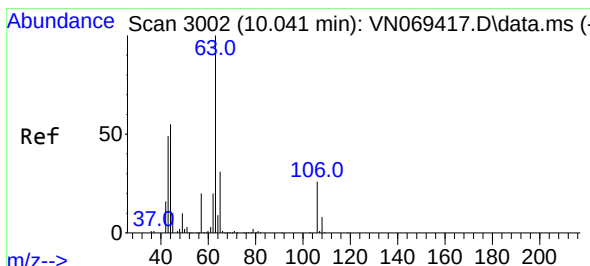
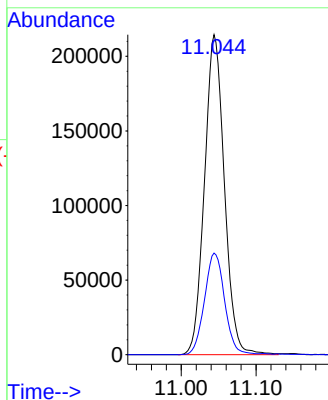
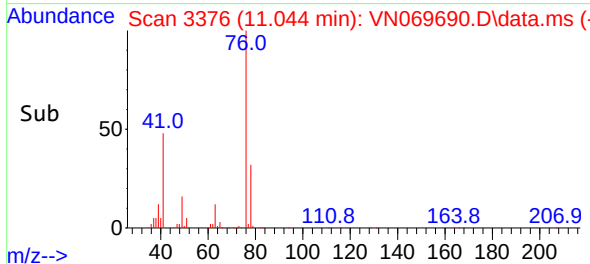
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



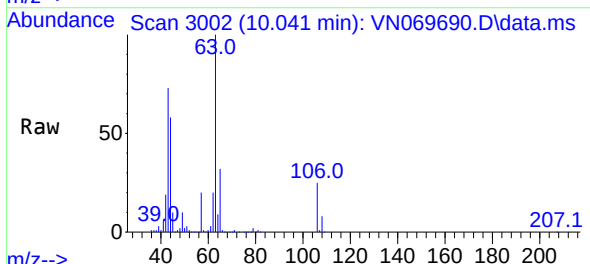
Tgt Ion: 76 Resp: 397309
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5

Manual Integrations
APPROVED

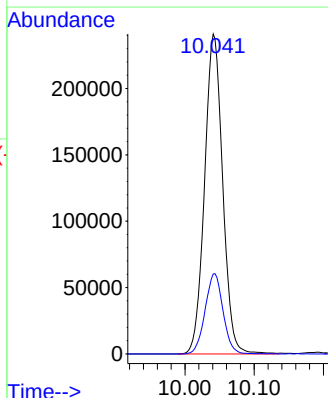
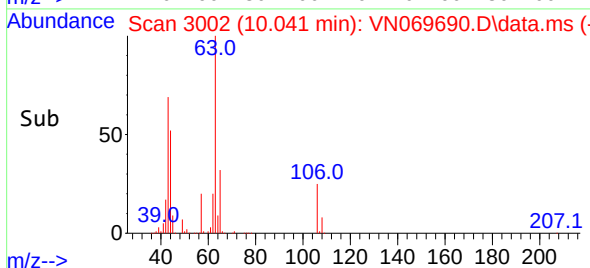
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

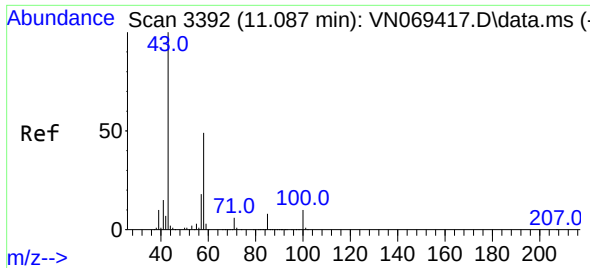


#58
2-Chloroethyl Vinyl ether
Concen: 98.883 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



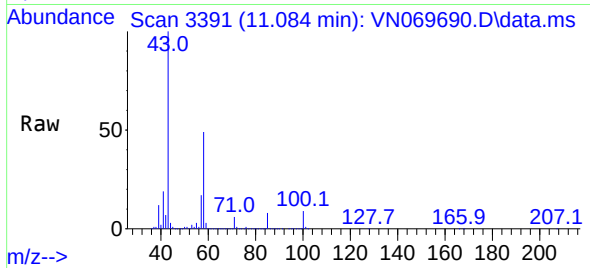
Tgt Ion: 63 Resp: 438326
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 92.469 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

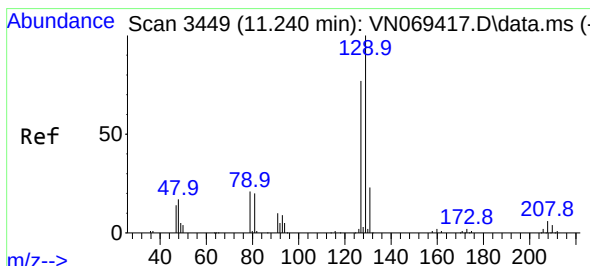
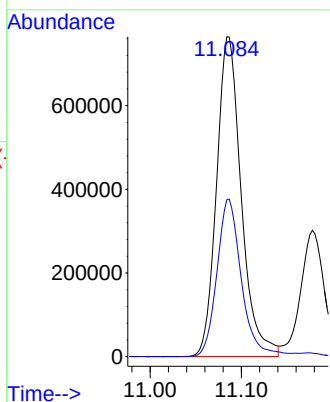
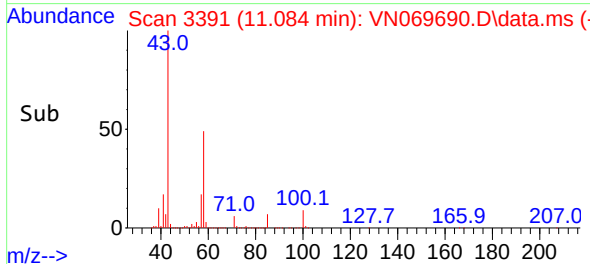
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 43 Resp: 1439628
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

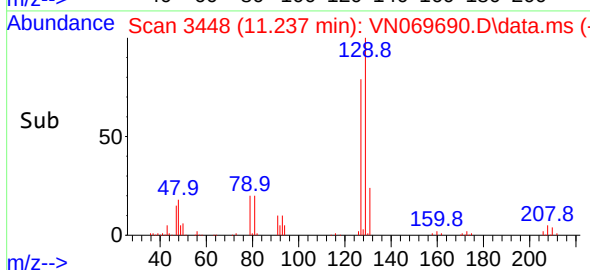
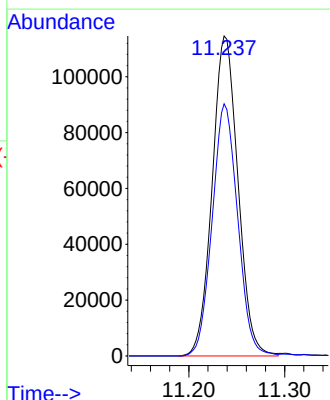
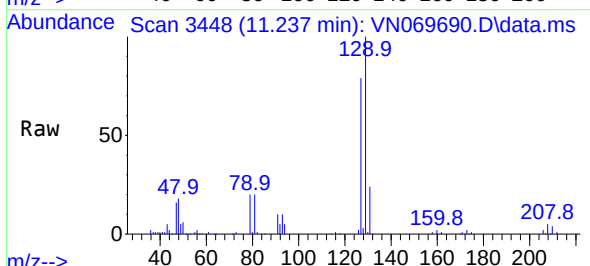
Manual Integrations
APPROVED

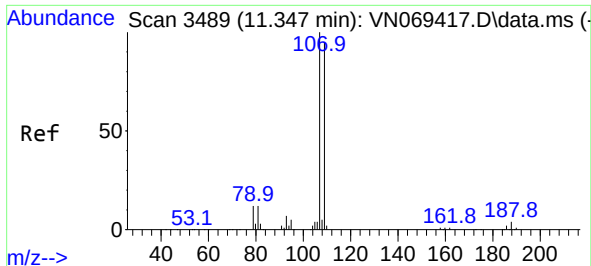
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#60
Dibromochloromethane
Concen: 19.593 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

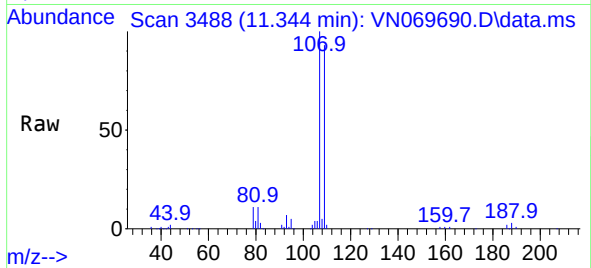
Tgt Ion:129 Resp: 213987
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.277 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

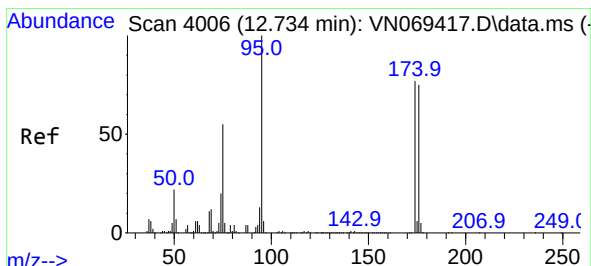
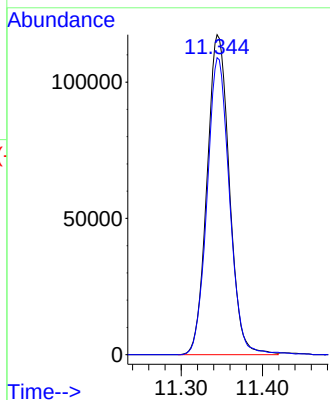
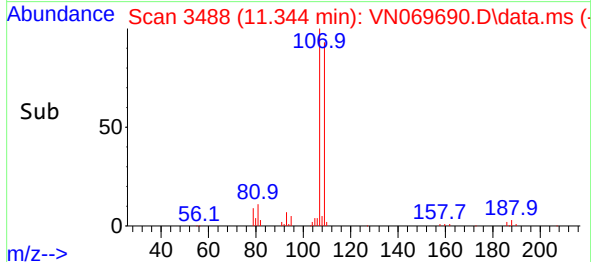
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



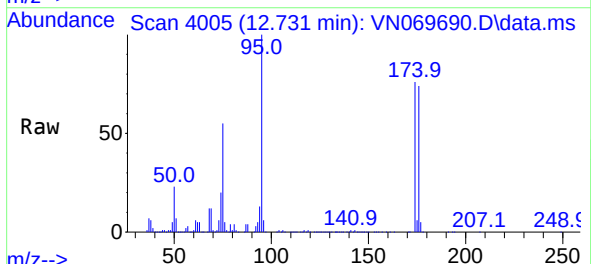
Tgt Ion:107 Resp: 22431
Ion Ratio Lower Upper
107 100
109 92.6 75.7 113.5

Manual Integrations
APPROVED

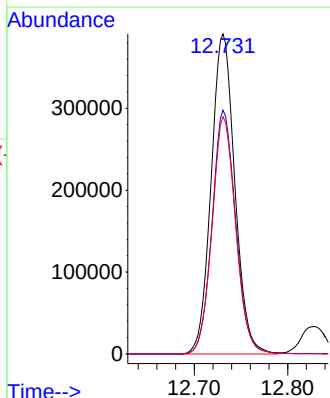
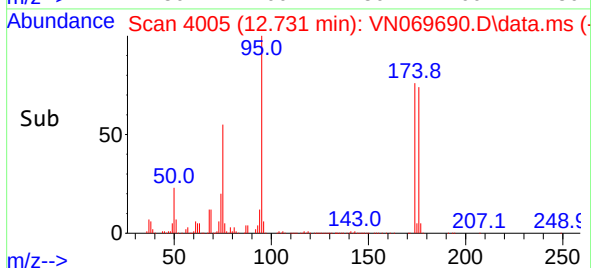
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

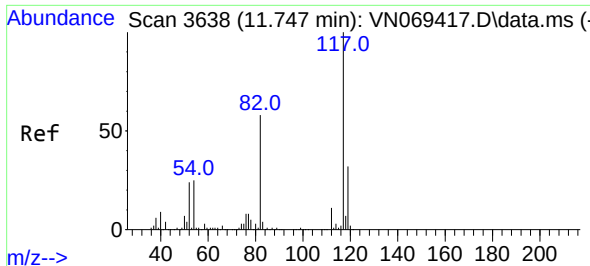


#62
4-Bromofluorobenzene
Concen: 47.965 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



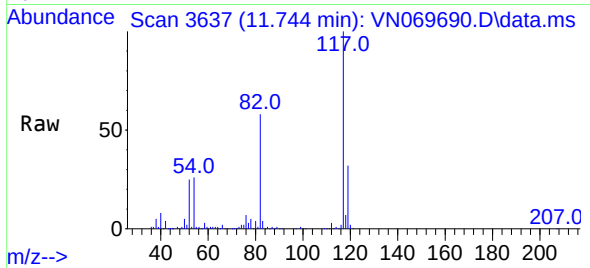
Tgt Ion: 95 Resp: 688373
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

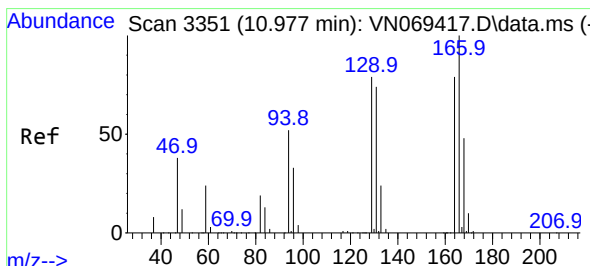
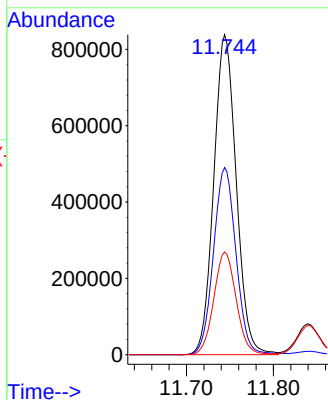
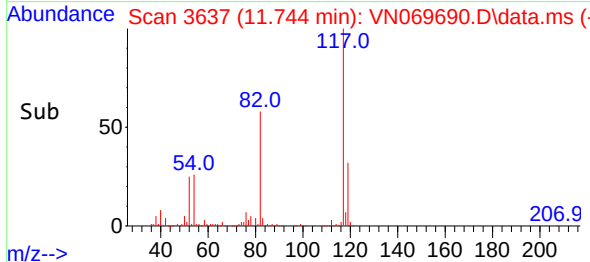
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



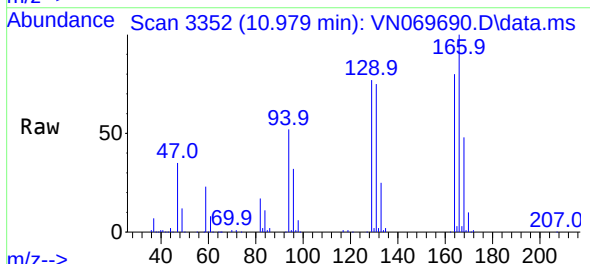
Tgt Ion:117 Resp: 1507420
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

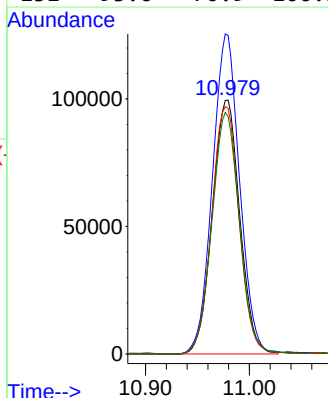
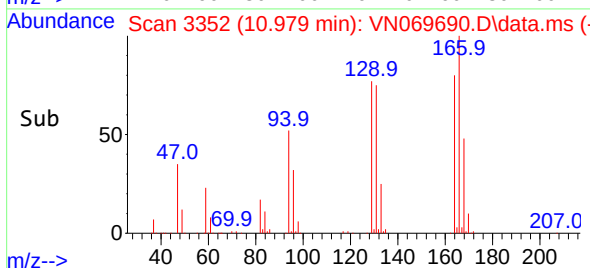
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

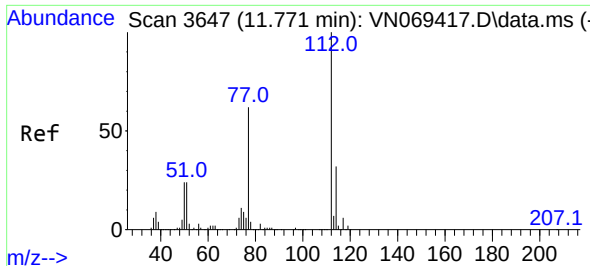


#64
Tetrachloroethene
Concen: 20.154 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



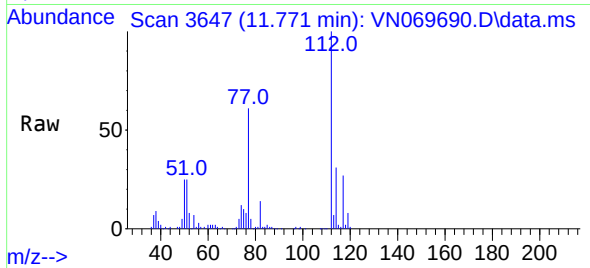
Tgt Ion:164 Resp: 183443
Ion Ratio Lower Upper
164 100
166 125.4 101.9 152.9
129 96.7 72.0 108.0
131 93.6 70.9 106.3





#65
Chlorobenzene
Concen: 20.432 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

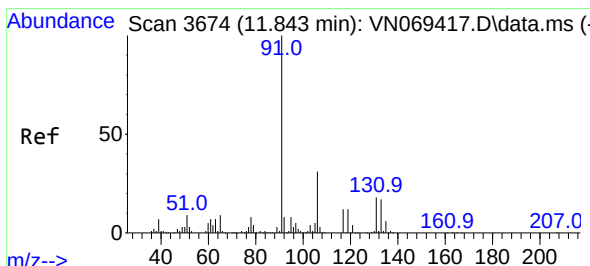
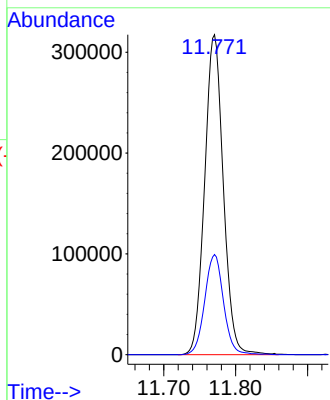
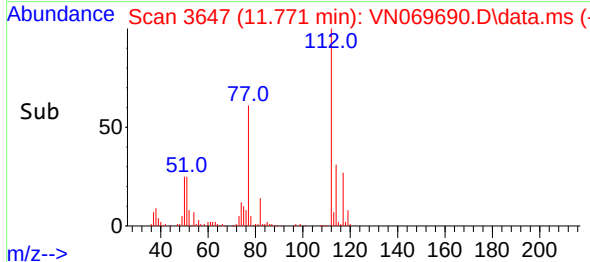
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



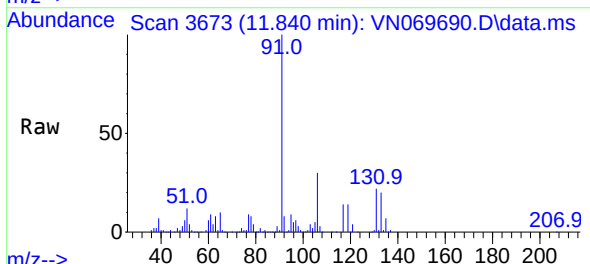
Tgt Ion:112 Resp: 57328
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

Manual Integrations
APPROVED

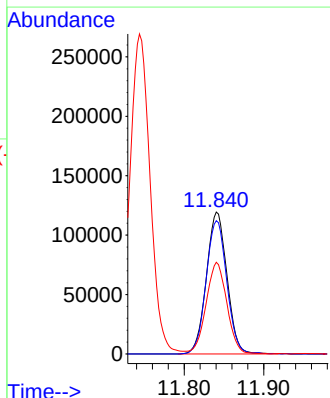
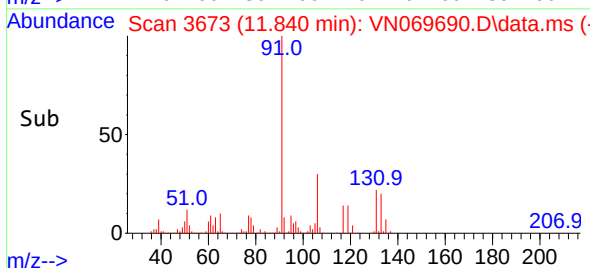
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

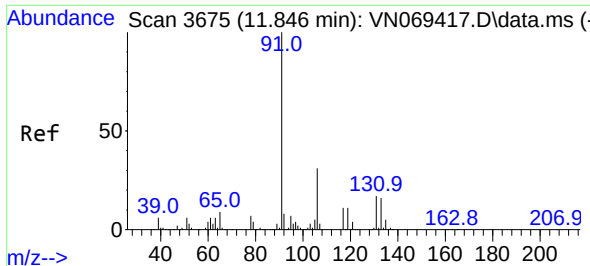


#66
1,1,1,2-Tetrachloroethane
Concen: 22.085 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion:131 Resp: 214932
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 64.3 32.1 96.5





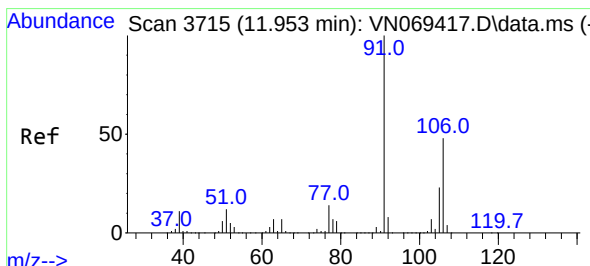
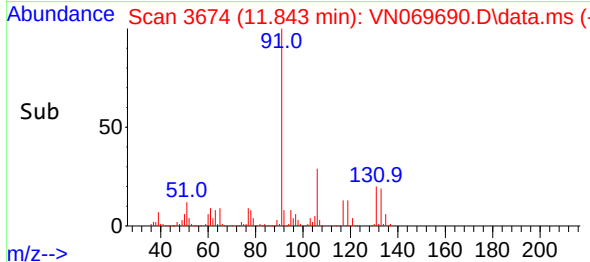
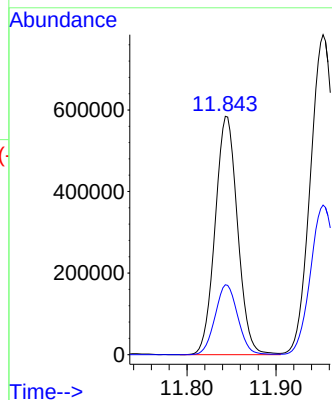
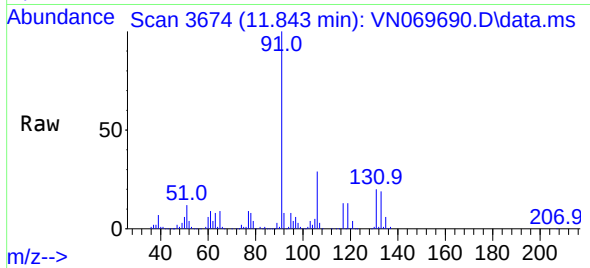
#67
Ethyl Benzene
Concen: 19.796 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 91 Resp: 1024408
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

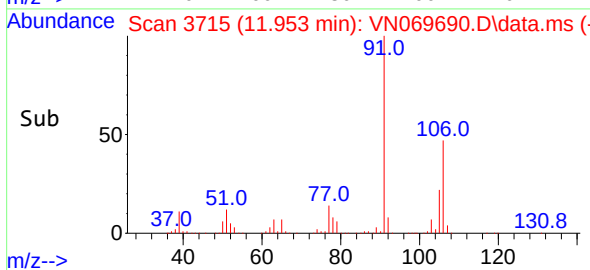
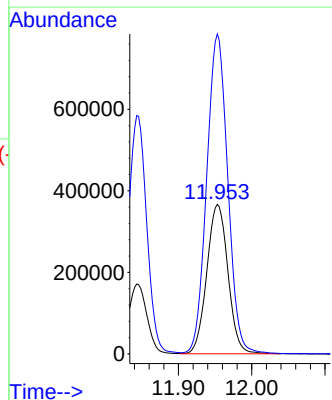
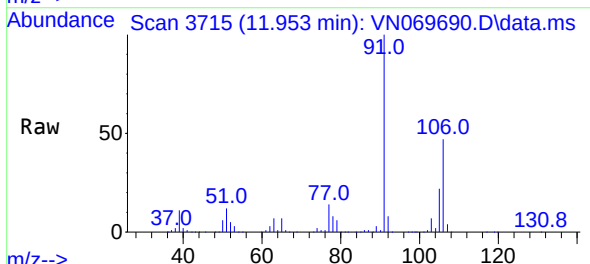
Manual Integrations
APPROVED

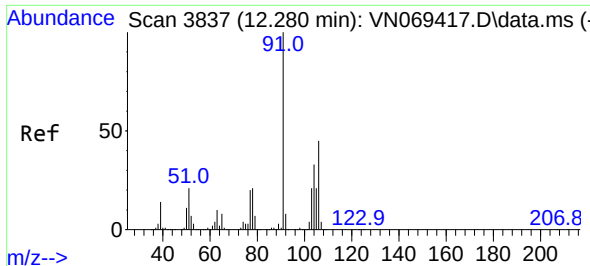
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#68
m/p-Xylenes
Concen: 38.569 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

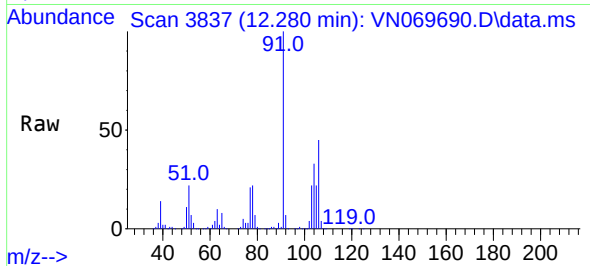
Tgt Ion:106 Resp: 734063
Ion Ratio Lower Upper
106 100
91 213.8 160.6 240.8





#69
o-Xylene
Concen: 19.788 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

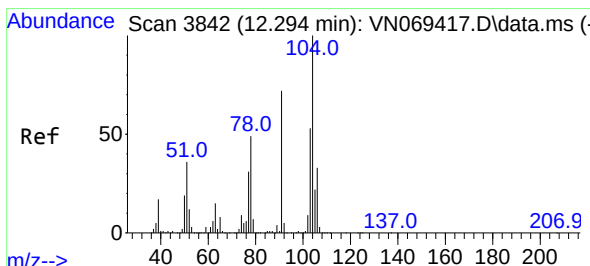
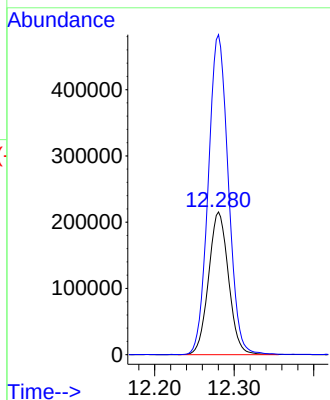
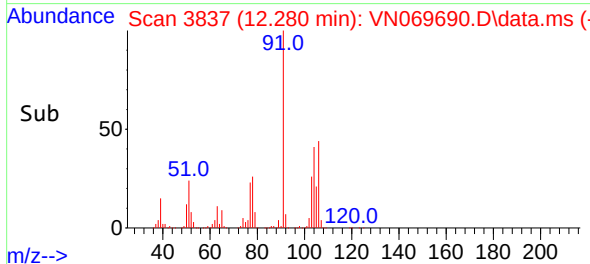
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



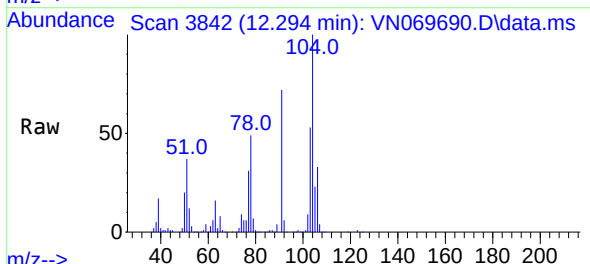
Tgt Ion:106 Resp: 37545
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3

Manual Integrations
APPROVED

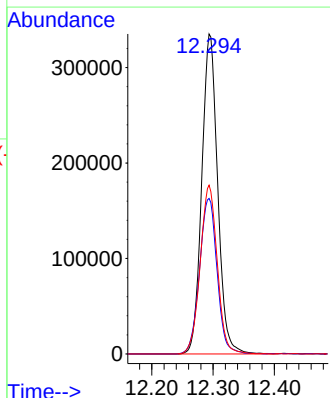
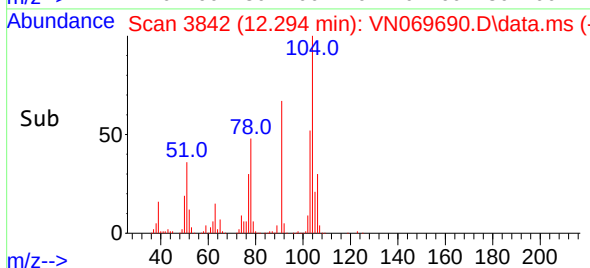
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

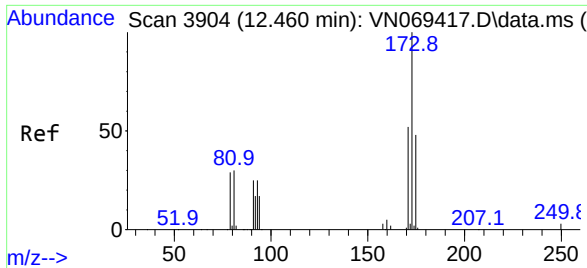


#70
Styrene
Concen: 18.753 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



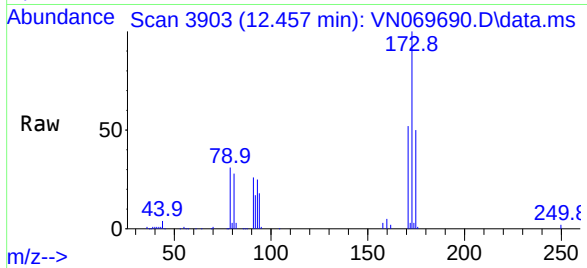
Tgt Ion:104 Resp: 605491
Ion Ratio Lower Upper
104 100
78 53.5 38.7 58.1
103 56.5 45.0 67.6





#71
Bromoform
Concen: 19.338 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

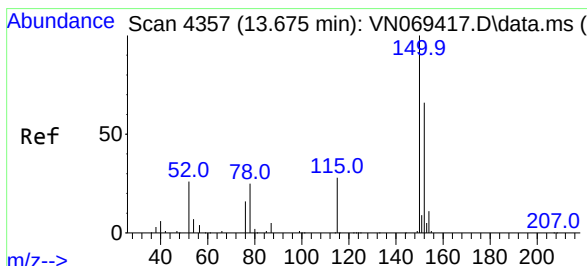
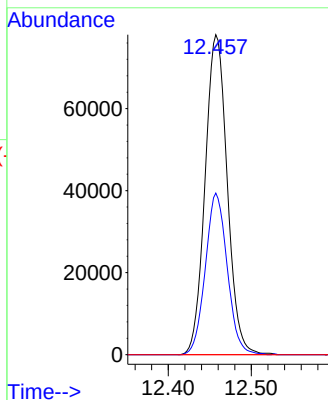
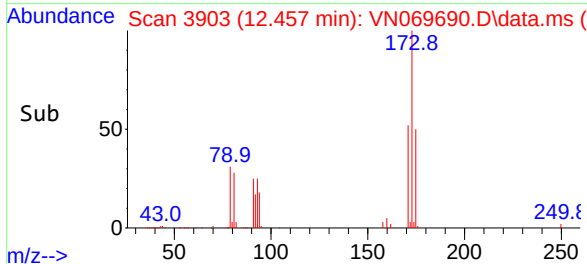
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



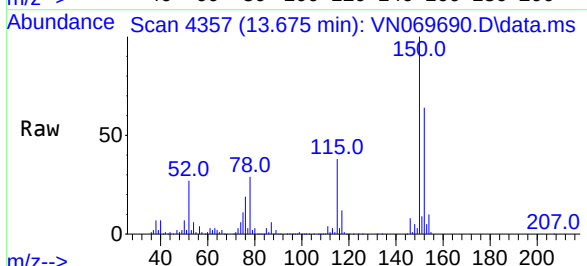
Tgt Ion:173 Resp: 144340
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

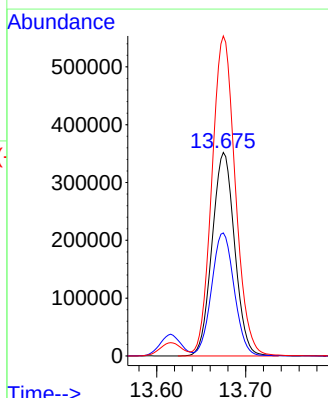
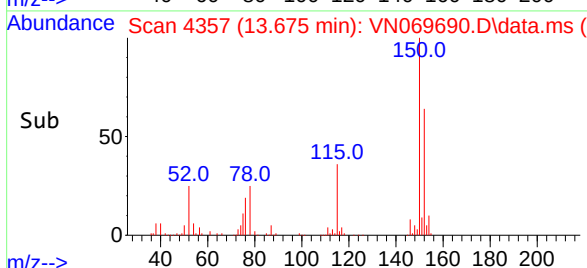
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

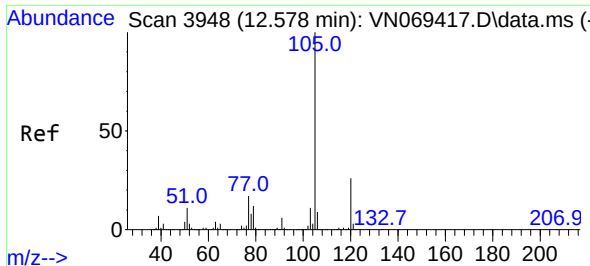


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



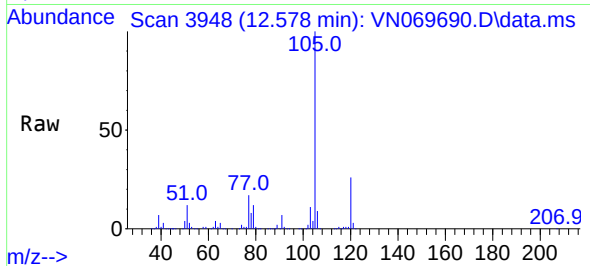
Tgt Ion:152 Resp: 620672
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 163.5 0.0 344.4





#73
Isopropylbenzene
Concen: 20.307 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

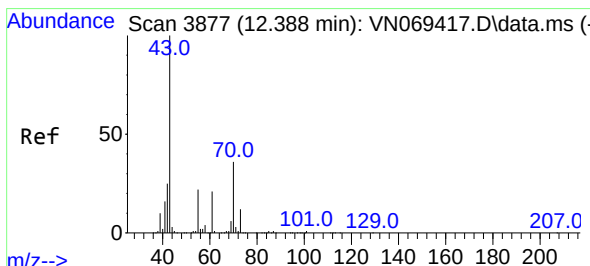
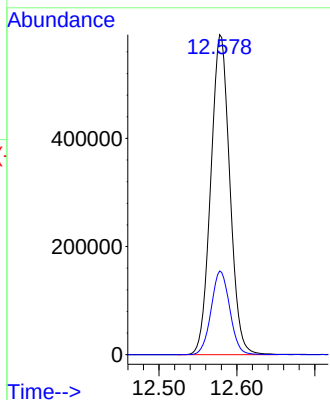
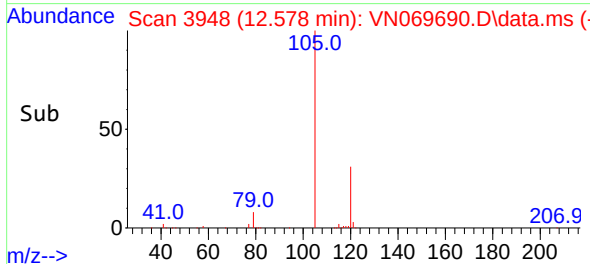
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



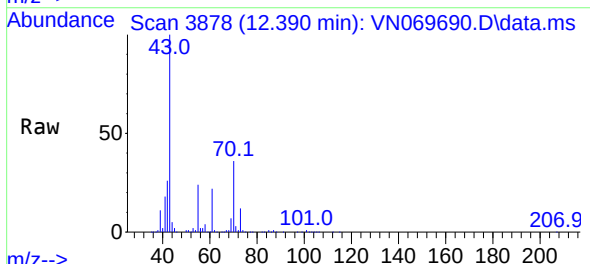
Tgt Ion:105 Resp: 1003540
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

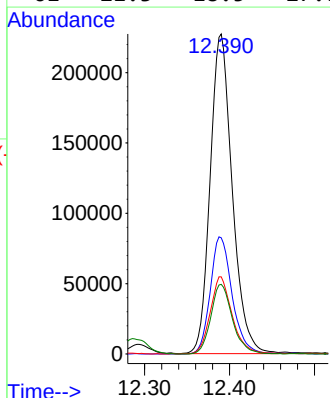
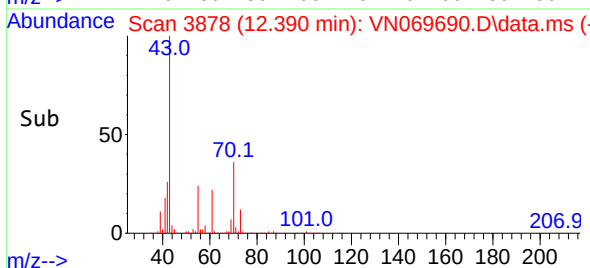
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

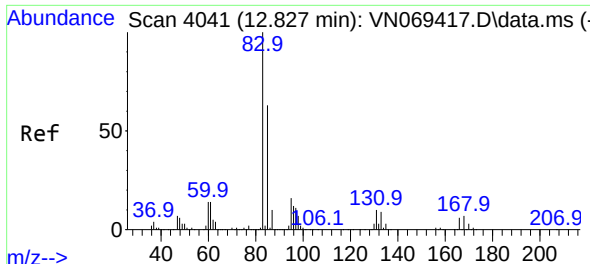


#74
N-ethyl acetate
Concen: 19.631 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



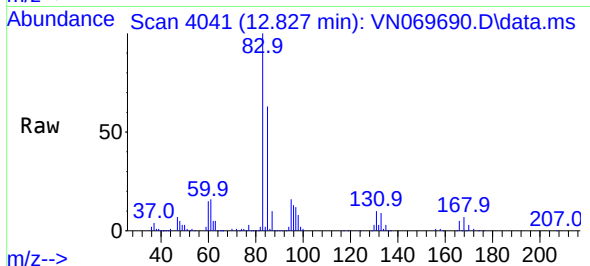
Tgt Ion: 43 Resp: 411129
Ion Ratio Lower Upper
43 100
70 36.4 33.4 50.0
55 24.1 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.699 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

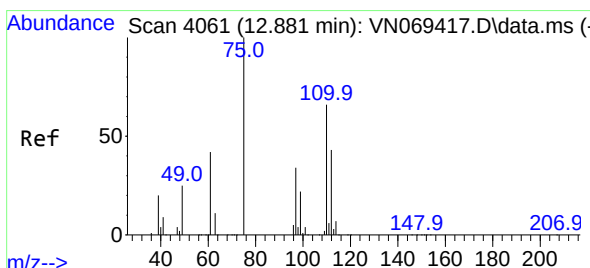
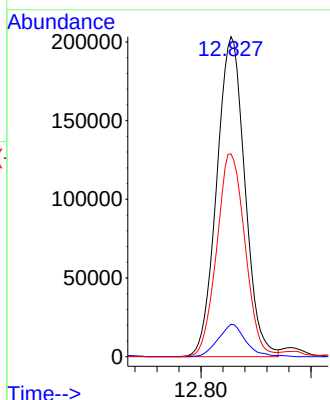
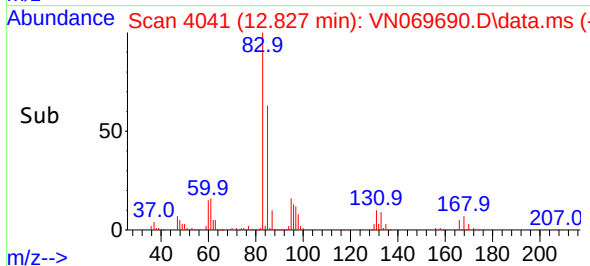
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



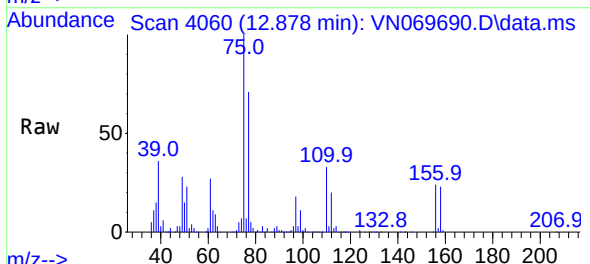
Tgt Ion: 83 Resp: 36166
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
APPROVED

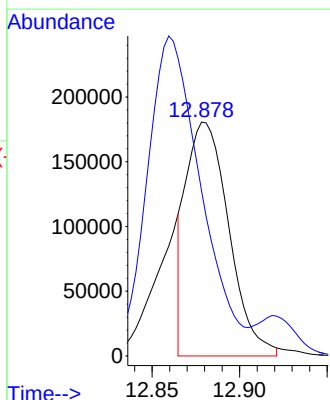
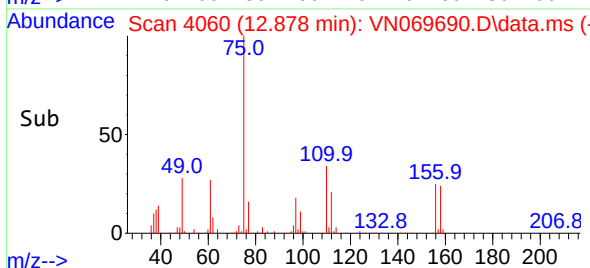
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

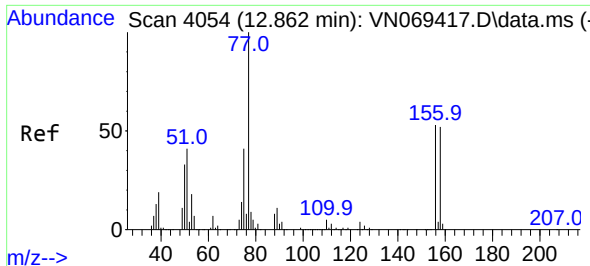


#76
1,2,3-Trichloropropane
Concen: 21.439 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



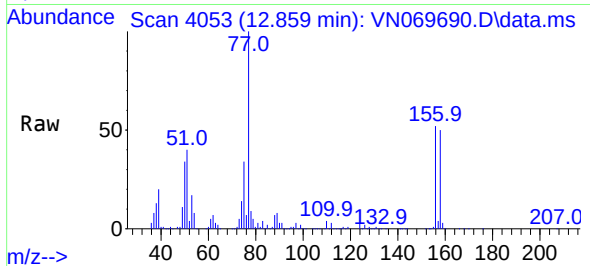
Tgt Ion: 75 Resp: 307092
Ion Ratio Lower Upper
75 100
77 172.7 82.6 247.8





#77
Bromobenzene
Concen: 20.552 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

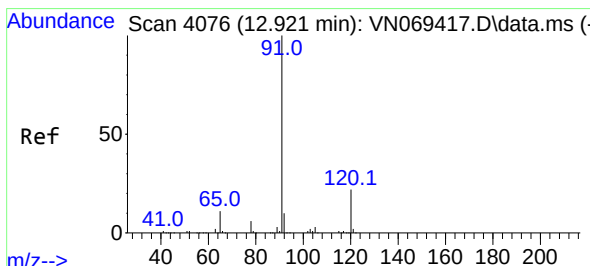
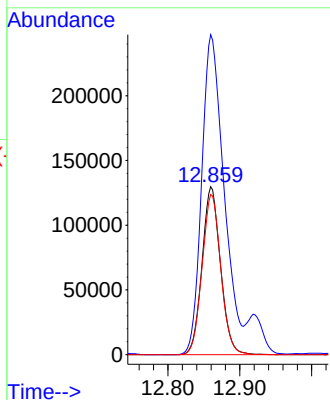
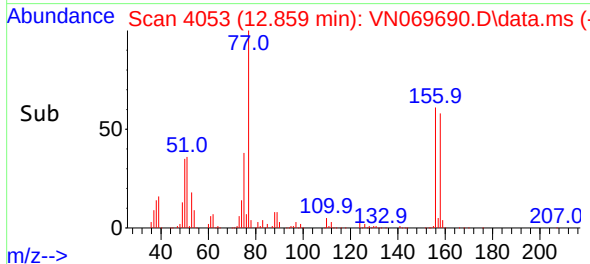
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



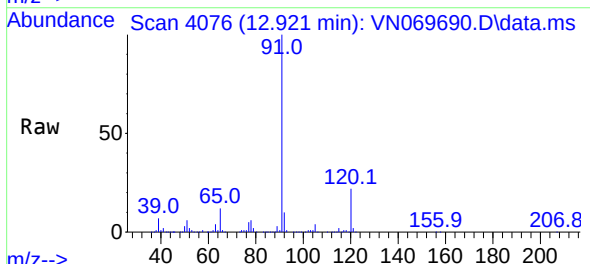
Tgt Ion:156 Resp: 232279
Ion Ratio Lower Upper
156 100
77 228.4 90.6 271.8
158 96.3 48.9 146.7

Manual Integrations
APPROVED

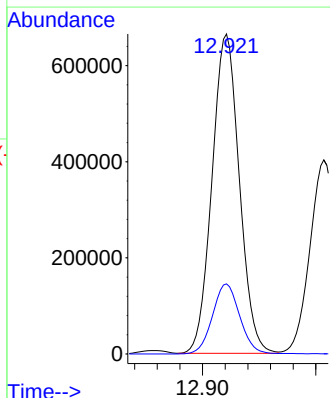
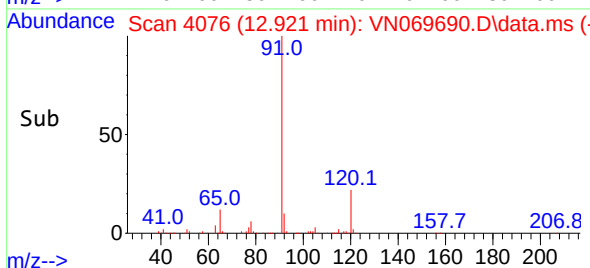
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

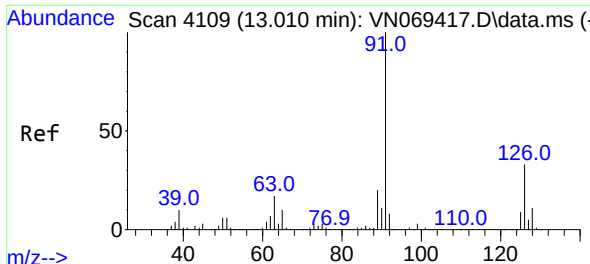


#78
n-propylbenzene
Concen: 19.999 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion: 91 Resp: 1112061
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





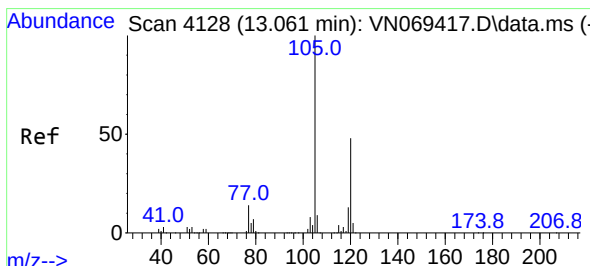
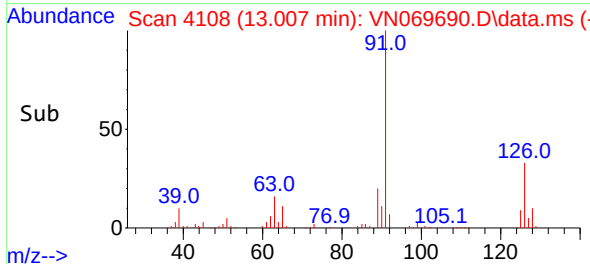
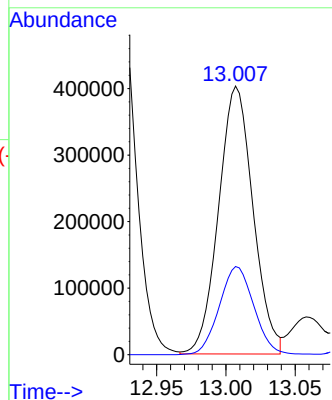
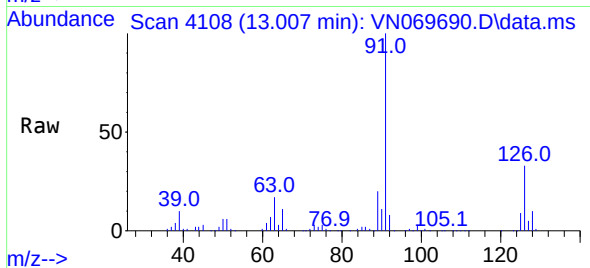
#79
2-Chlorotoluene
Concen: 20.260 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 91 Resp: 697560
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

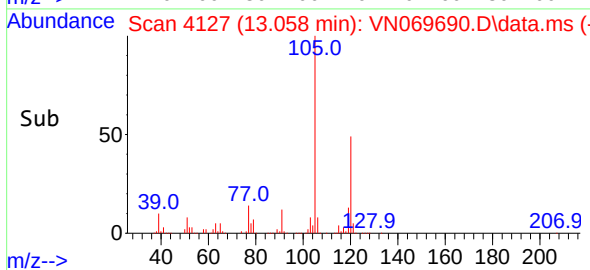
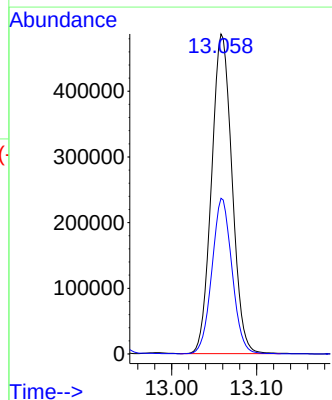
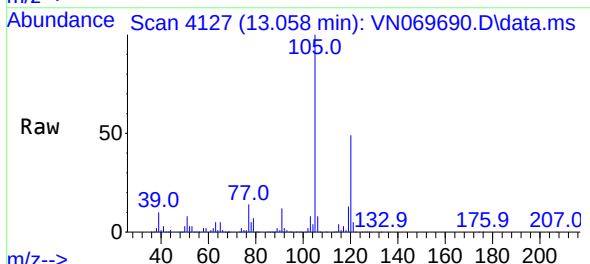
Manual Integrations
APPROVED

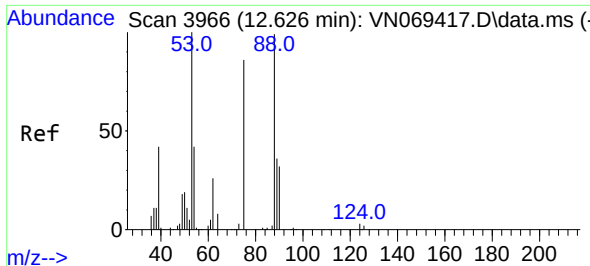
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.408 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Tgt Ion:105 Resp: 815323
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





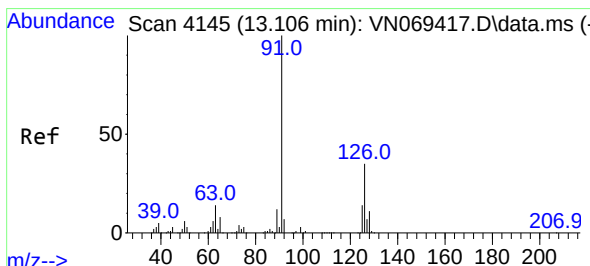
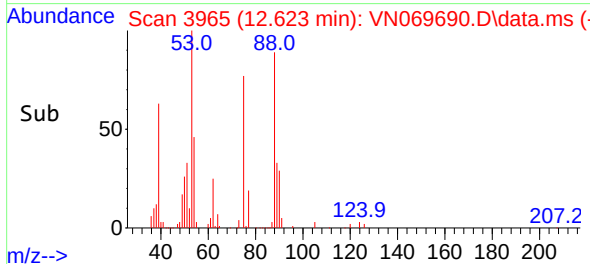
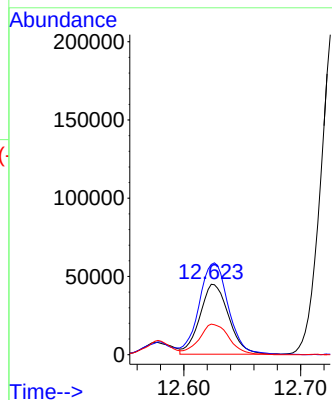
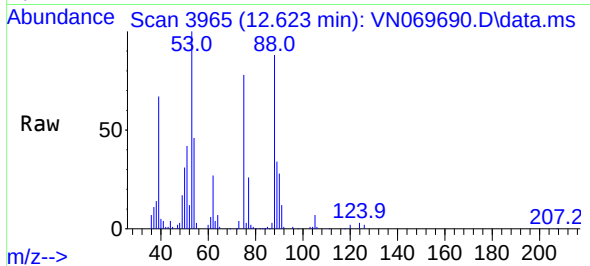
#81
trans-1,4-Dichloro-2-butene
Concen: 19.827 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 75 Resp: 7640
Ion Ratio Lower Upper
75 100
53 133.2 90.5 135.7
89 45.9 38.2 57.4

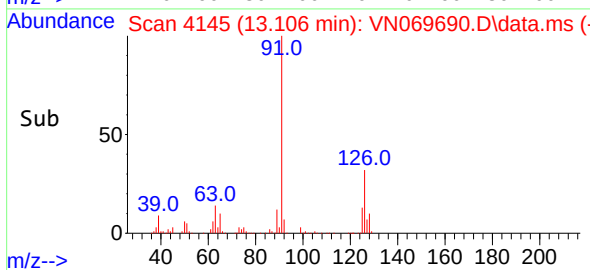
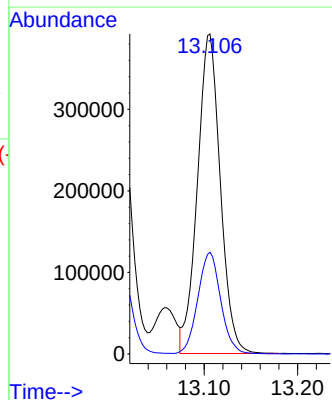
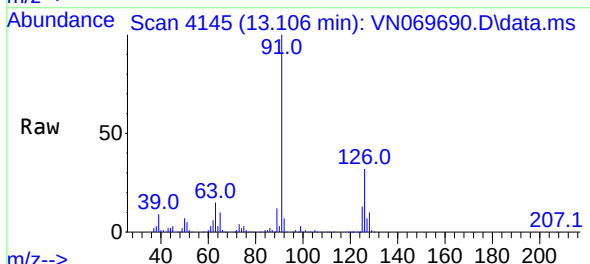
Manual Integrations
APPROVED

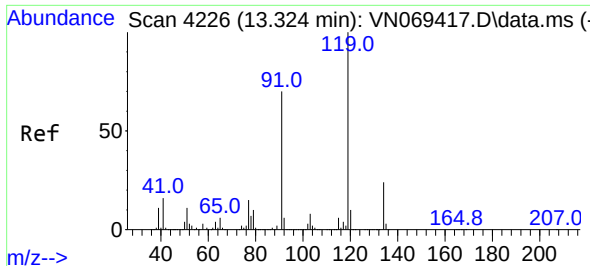
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#82
4-Chlorotoluene
Concen: 20.310 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

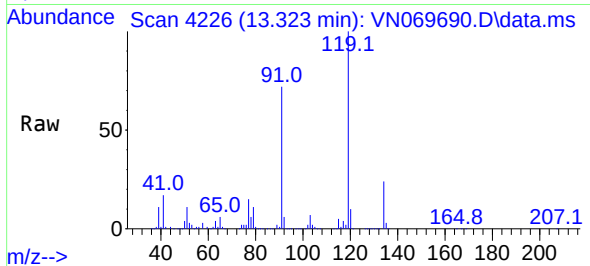
Tgt Ion: 91 Resp: 666598
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.862 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.001 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

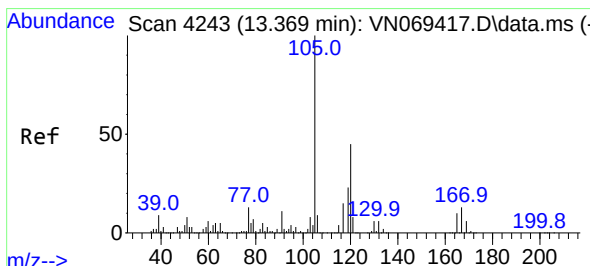
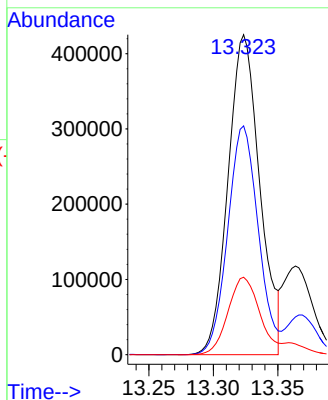
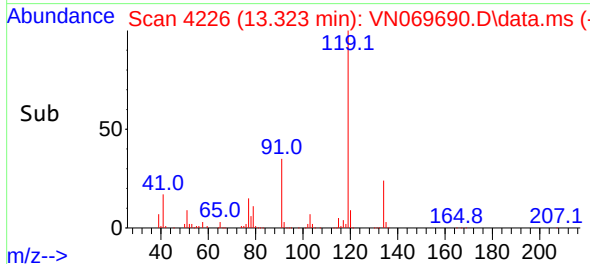
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



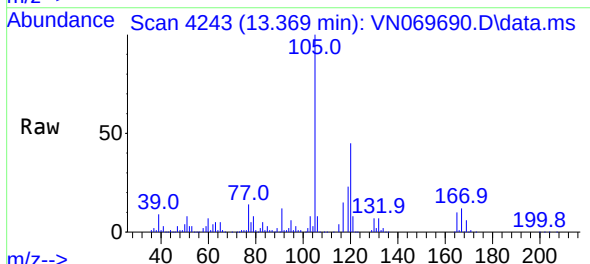
Tgt Ion:119 Resp: 73035
Ion Ratio Lower Upper
119 100
91 69.4 31.5 94.5
134 24.3 12.4 37.4

Manual Integrations
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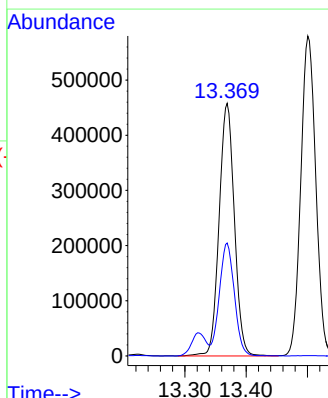
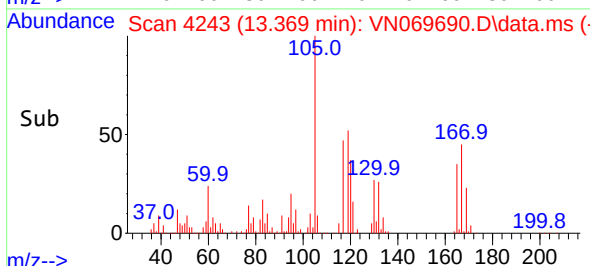
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

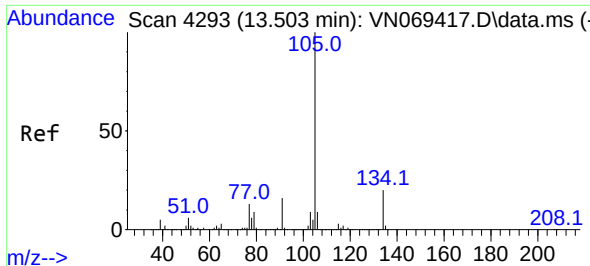


#84
1,2,4-Trimethylbenzene
Concen: 20.501 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



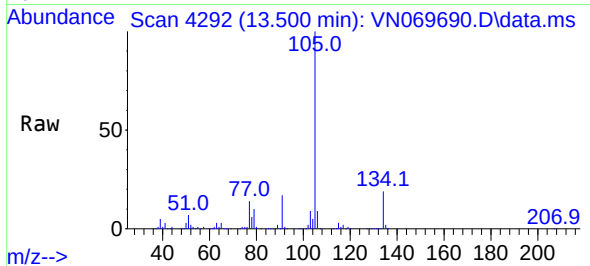
Tgt Ion:105 Resp: 790690
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.124 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069690.D
 Acq: 1 Dec 2021 14:33

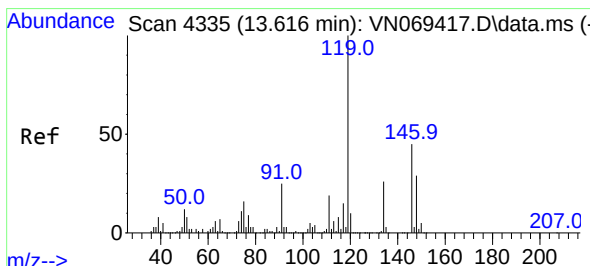
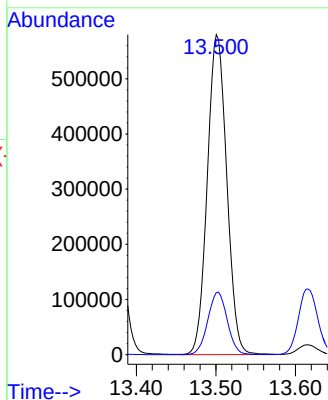
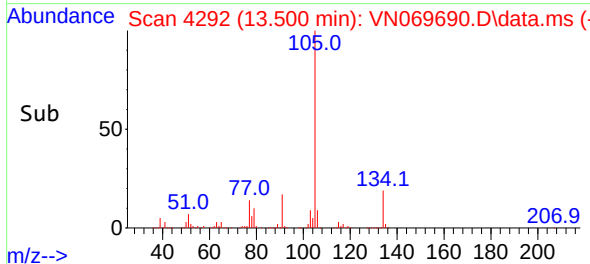
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01



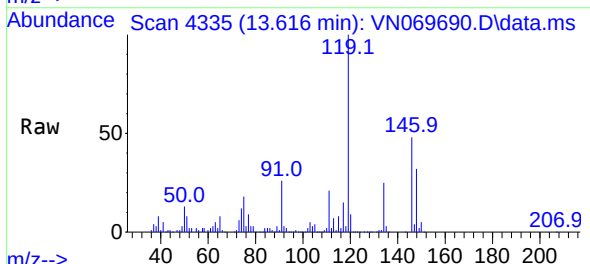
Tgt Ion:105 Resp: 98419
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
 APPROVED

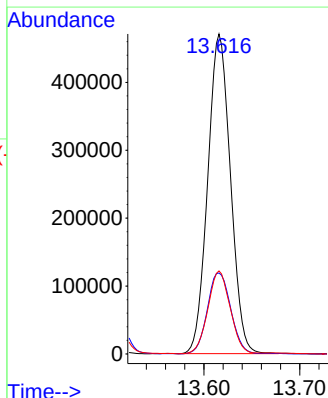
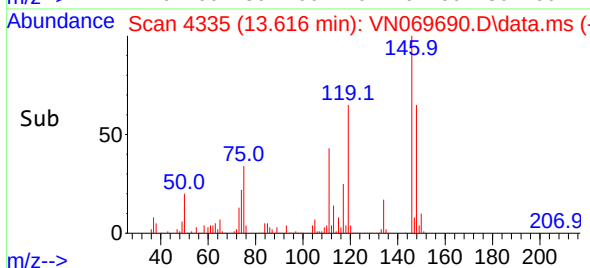
Reviewed By :John Carlone 12/02/2021
 Supervised By :Mahesh Dadoda 12/03/2021

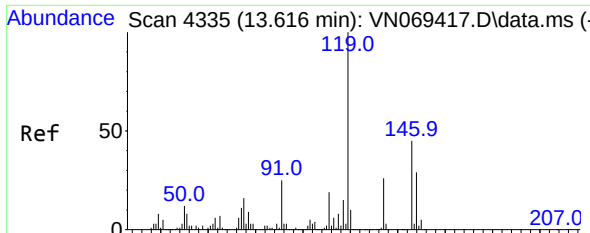


#86
 p-Isopropyltoluene
 Concen: 19.977 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069690.D
 Acq: 1 Dec 2021 14:33



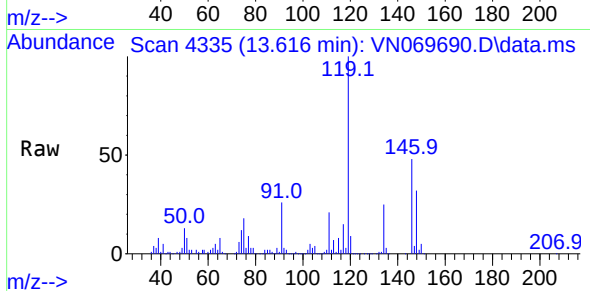
Tgt Ion:119 Resp: 775584
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.024 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

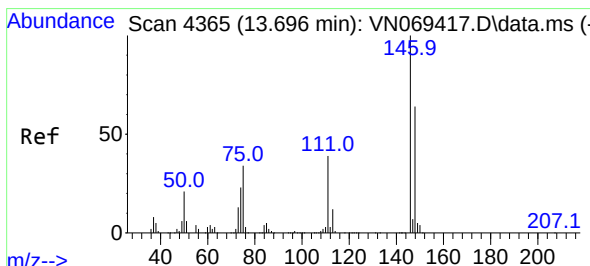
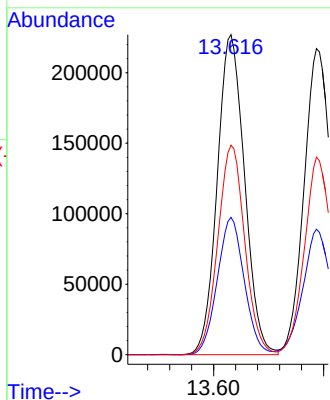
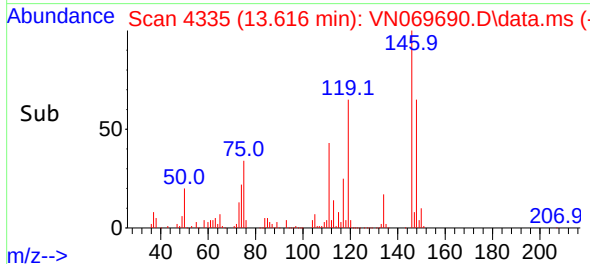
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



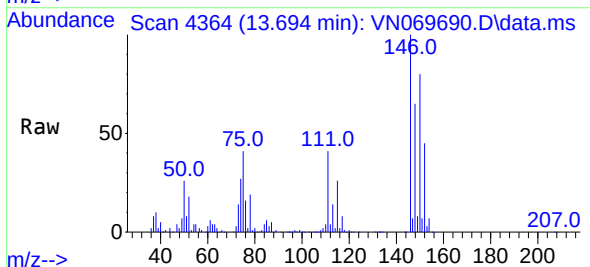
Tgt Ion:146 Resp: 392375
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.6
148 64.7 31.6 95.0

Manual Integrations
APPROVED

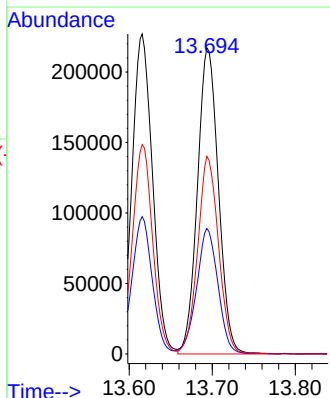
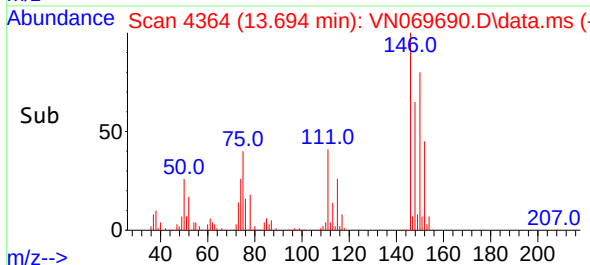
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

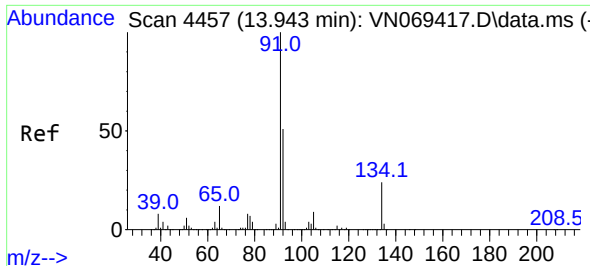


#88
1,4-Dichlorobenzene
Concen: 19.860 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



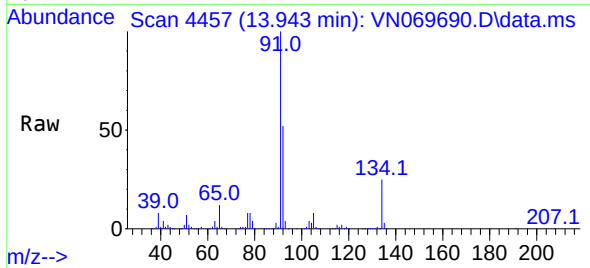
Tgt Ion:146 Resp: 381776
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 18.517 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

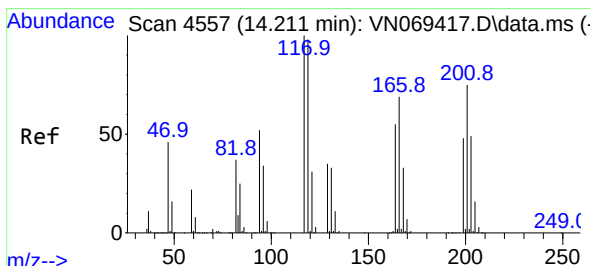
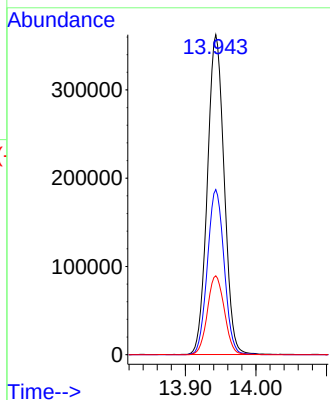
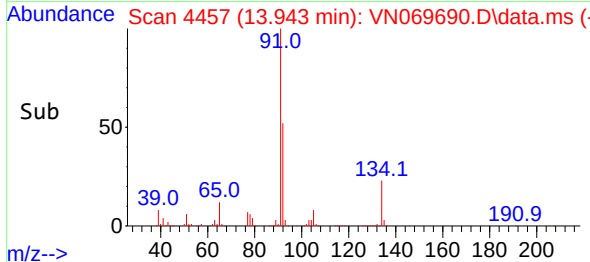
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



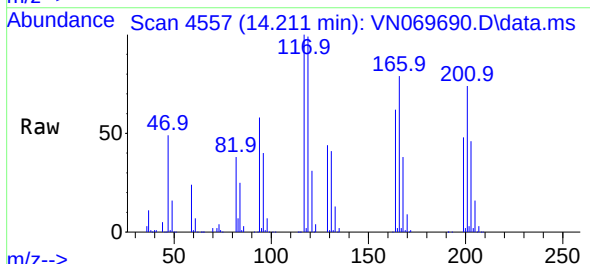
Tgt Ion: 91 Resp: 59948
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 25.0 13.6 40.8

Manual Integrations
APPROVED

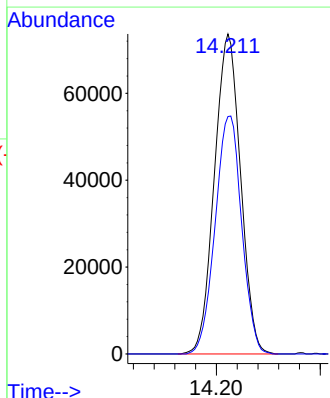
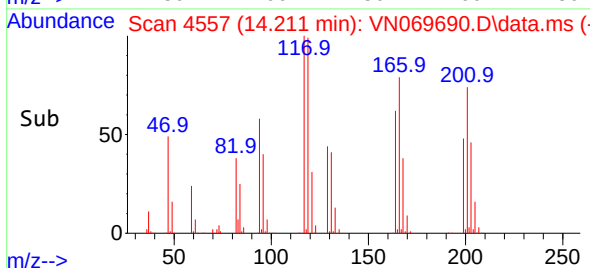
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

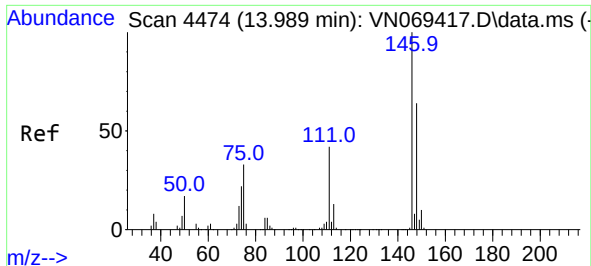


#90
Hexachloroethane
Concen: 19.434 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



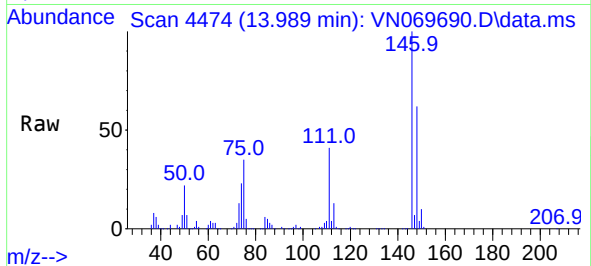
Tgt Ion:117 Resp: 128826
Ion Ratio Lower Upper
117 100
201 75.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.194 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

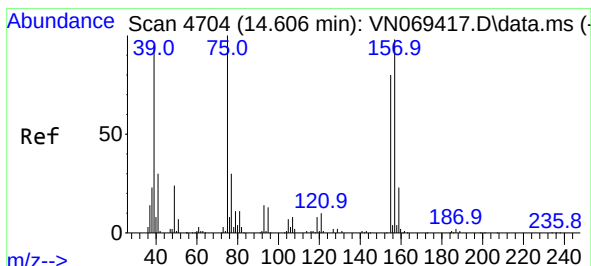
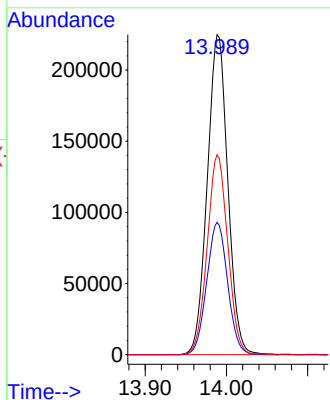
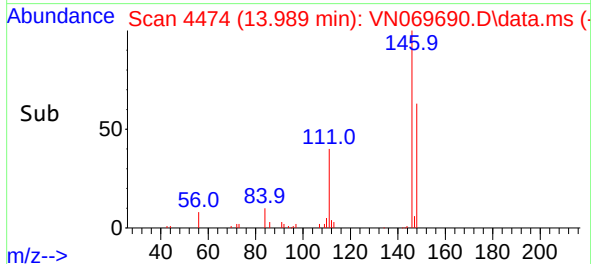
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion:146 Resp: 395172
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 62.7 32.1 96.3

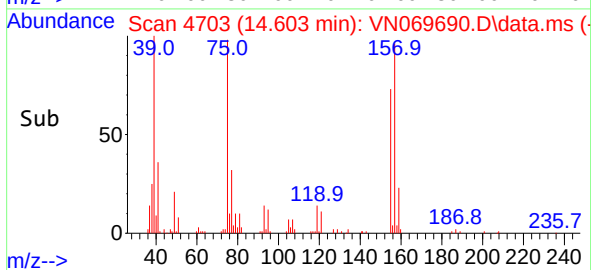
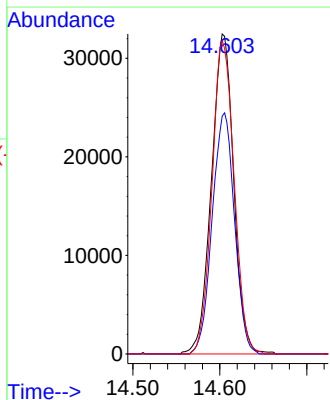
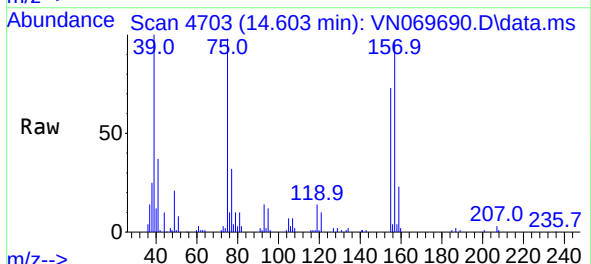
Manual Integrations
APPROVED

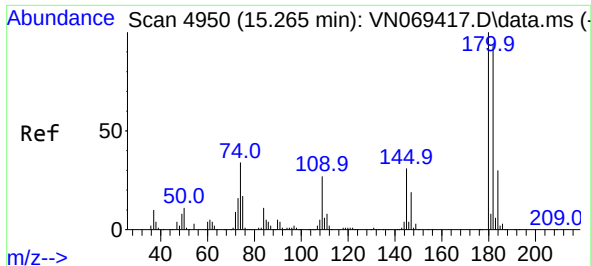
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.795 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

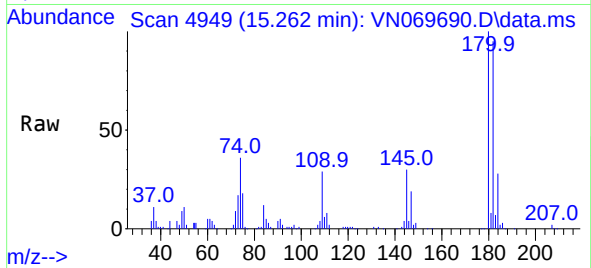
Tgt Ion: 75 Resp: 57851
Ion Ratio Lower Upper
75 100
155 75.5 46.9 140.7
157 96.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.126 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

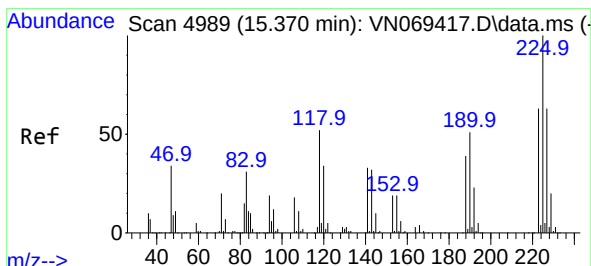
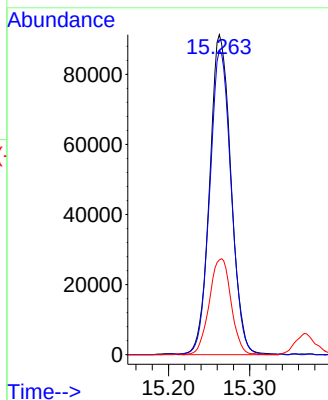
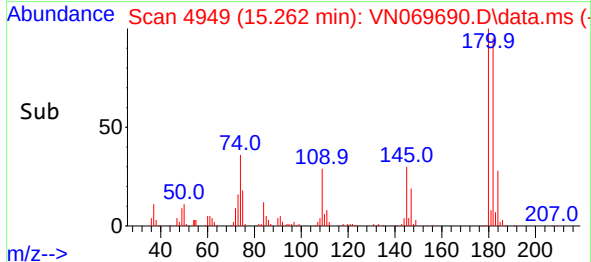
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



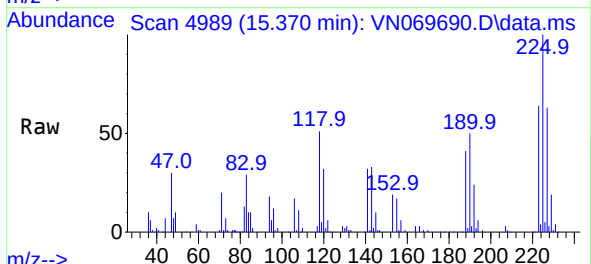
Tgt Ion:180 Resp: 166820
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
APPROVED

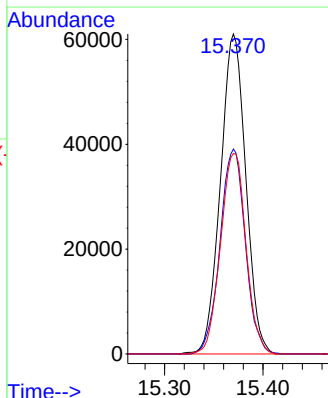
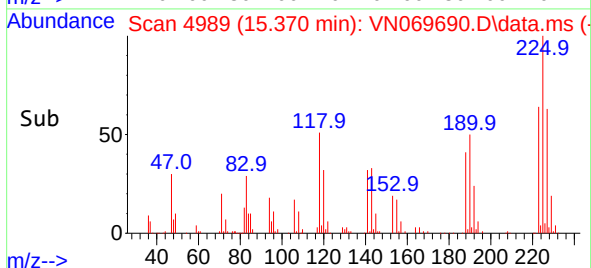
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

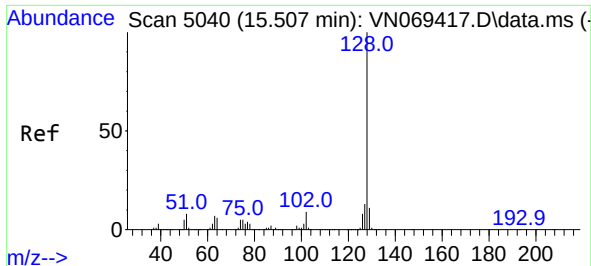


#94
Hexachlorobutadiene
Concen: 22.541 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33



Tgt Ion:225 Resp: 109205
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 63.1 32.1 96.3





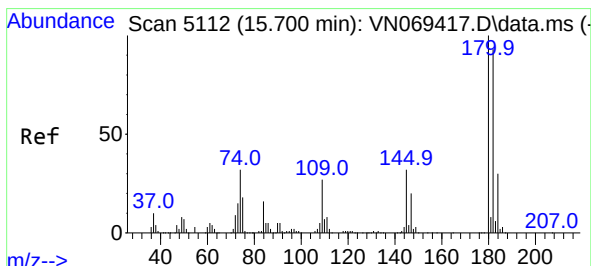
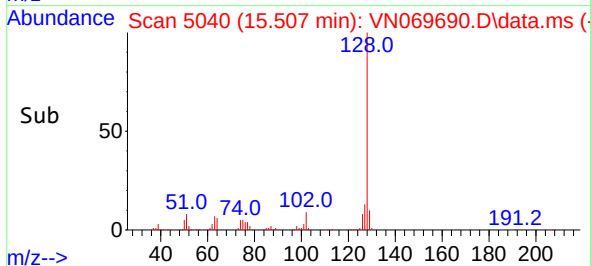
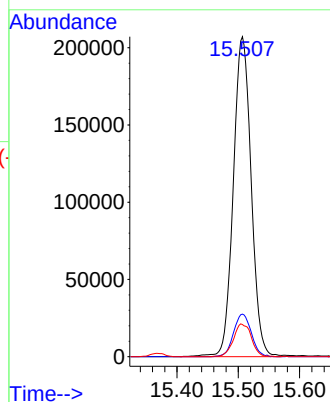
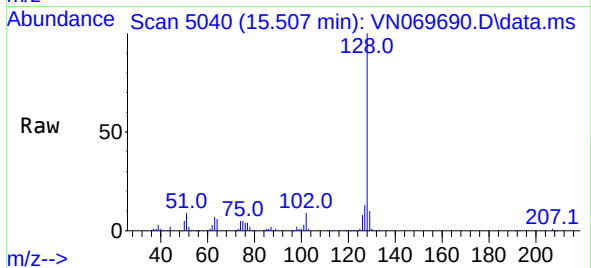
#95
Naphthalene
Concen: 18.298 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:128 Resp: 41881
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.485 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069690.D
Acq: 1 Dec 2021 14:33

Tgt Ion:180 Resp: 162739
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.2
145 32.3 15.0 45.1

