

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070003.D
 Acq On : 11 Dec 2021 12:48
 Operator : JC/MD
 Sample : VN1211MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:18:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	955167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1587738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1448861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	580778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	756133	51.271	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.540%			
35) Dibromofluoromethane	8.021	113	532224	53.515	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.040%			
50) Toluene-d8	10.443	98	2031699	50.877	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.731	95	684463	47.312	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	203147	18.235	ug/l	98
3) Chloromethane	2.303	50	258747	18.539	ug/l	99
4) Vinyl Chloride	2.445	62	234150	18.245	ug/l	99
5) Bromomethane	2.850	94	131211	18.819	ug/l	97
6) Chloroethane	3.017	64	142686	18.144	ug/l	99
7) Trichlorofluoromethane	3.373	101	315249	18.716	ug/l	97
8) Diethyl Ether	3.824	74	126696	19.530	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	184843	19.577	ug/l #	69
10) Methyl Iodide	4.422	142	225497	17.482	ug/l	97
11) Tert butyl alcohol	5.385	59	248476	89.133	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	171403	18.839	ug/l	89
13) Acrolein	4.041	56	246375	103.782	ug/l	98
14) Allyl chloride	4.838	41	407876	19.895	ug/l #	91
15) Acrylonitrile	5.557	53	727786	96.885	ug/l	99
16) Acetone	4.291	43	893632	100.731	ug/l	96
17) Carbon Disulfide	4.527	76	473462	20.143	ug/l	98
18) Methyl Acetate	4.859	43	519415	19.397	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	672645	19.014	ug/l	93
20) Methylene Chloride	5.095	84	220511	18.698	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	187084	18.931	ug/l	86
22) Diisopropyl ether	6.501	45	821881	20.510	ug/l #	95
23) Vinyl Acetate	6.436	43	2943820	90.298	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	419480	20.208	ug/l	98
25) 2-Butanone	7.340	43	1161155	96.331	ug/l	90
26) 2,2-Dichloropropane	7.324	77	324613	20.113	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	226934	19.007	ug/l	85
28) Bromochloromethane	7.657	49	191365	17.728	ug/l #	76
29) Tetrahydrofuran	7.689	42	704398	96.238	ug/l	87
30) Chloroform	7.820	83	422519	20.154	ug/l	99
31) Cyclohexane	8.094	56	389228	18.965	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	357228	20.005	ug/l	94
36) 1,1-Dichloropropene	8.222	75	285618	18.897	ug/l	97
37) Ethyl Acetate	7.415	43	415588	18.474	ug/l	95
38) Carbon Tetrachloride	8.209	117	306142	20.655	ug/l	100
39) Methylcyclohexane	9.461	83	324828	18.067	ug/l	88
40) Benzene	8.461	78	895009	19.372	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	210791	19.960	ug/l	89
42) 1,2-Dichloroethane	8.531	62	366013	19.625	ug/l	96
43) Isopropyl Acetate	8.563	43	662689	19.906	ug/l #	92
44) Trichloroethene	9.217	130	203068	18.416	ug/l	88
45) 1,2-Dichloropropane	9.491	63	247671	19.963	ug/l	97
46) Dibromomethane	9.579	93	162889	20.020	ug/l	92
47) Bromodichloromethane	9.762	83	337240	21.891	ug/l	98
48) Methyl methacrylate	9.561	41	300212	19.323	ug/l	85
49) 1,4-Dioxane	9.571	88	102301	366.978	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	2174291	100.676	ug/l	93
52) Toluene	10.507	92	540430	19.160	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	338430	20.036	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	365218	20.027	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	223291	19.621	ug/l	95
56) Ethyl methacrylate	10.762	69	353492	17.991	ug/l #	82
57) 1,3-Dichloropropane	11.047	76	395428	19.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	390209	80.731	ug/l	90
59) 2-Hexanone	11.087	43	1565233	95.807	ug/l	92
60) Dibromochloromethane	11.240	129	244988	21.513	ug/l	99
61) 1,2-Dibromoethane	11.347	107	224202	19.020	ug/l	100
64) Tetrachloroethene	10.979	164	171664	17.473	ug/l	95
65) Chlorobenzene	11.771	112	559562	19.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	220341	21.298	ug/l	100
67) Ethyl Benzene	11.846	91	1027523	19.245	ug/l	95
68) m/p-Xylenes	11.953	106	749012	38.529	ug/l	91
69) o-Xylene	12.280	106	373363	19.067	ug/l	92
70) Styrene	12.296	104	603046	19.421	ug/l	96
71) Bromoform	12.460	173	181658	22.140	ug/l #	100
73) Isopropylbenzene	12.581	105	962599	18.629	ug/l	99
74) N-amyl acetate	12.390	43	429480	18.794	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	362485	20.286	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	318063m	19.097	ug/l	
77) Bromobenzene	12.862	156	228082	18.792	ug/l	77
78) n-propylbenzene	12.921	91	1093826	19.023	ug/l	95
79) 2-Chlorotoluene	13.010	91	681498	18.757	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	795141	19.118	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	99860	22.090	ug/l	96
82) 4-Chlorotoluene	13.106	91	642921	18.816	ug/l	93
83) tert-Butylbenzene	13.323	119	687059	18.656	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	770823	19.461	ug/l	97
85) sec-Butylbenzene	13.503	105	930862	18.635	ug/l	97
86) p-Isopropyltoluene	13.619	119	727767	18.639	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	376541	18.884	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	361964	18.472	ug/l	97
89) n-Butylbenzene	13.943	91	566495	17.885	ug/l	98
90) Hexachloroethane	14.211	117	159927	23.329	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	368377	18.961	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66688	20.654	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	150816	17.794	ug/l	98
94) Hexachlorobutadiene	15.370	225	99576	19.339	ug/l	100
95) Naphthalene	15.509	128	376306	16.187	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	145655	17.356	ug/l	98

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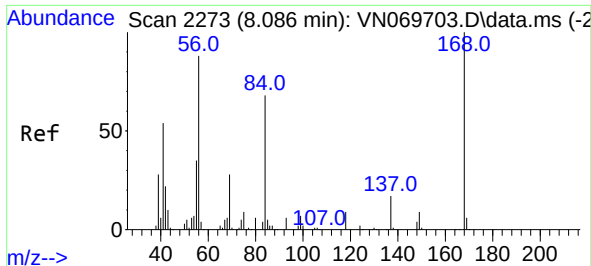
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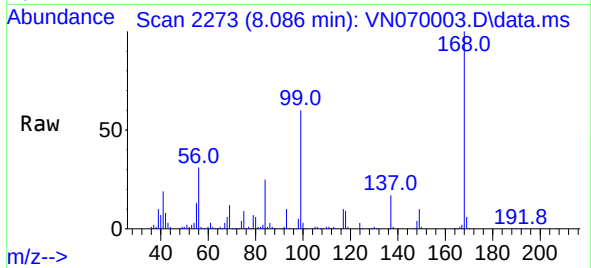
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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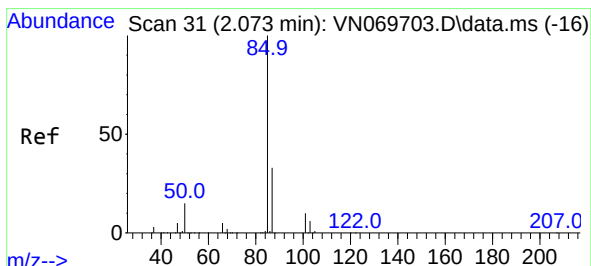
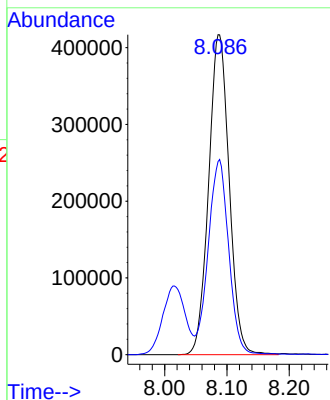
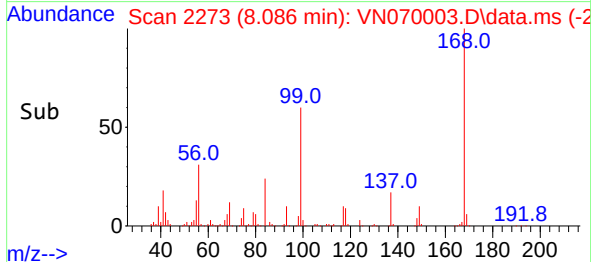
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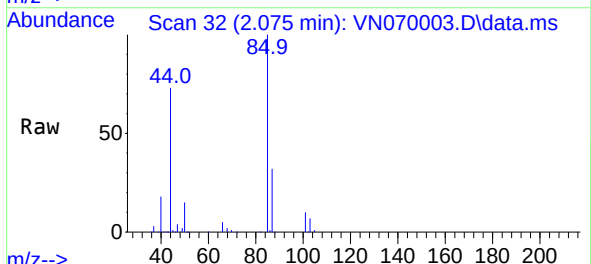
Tgt Ion:168 Resp: 95516
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

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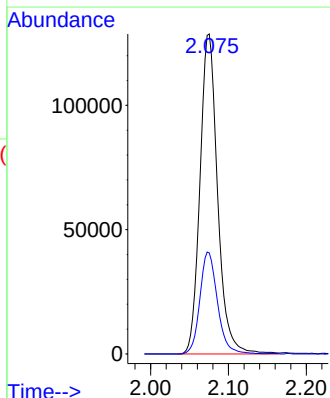
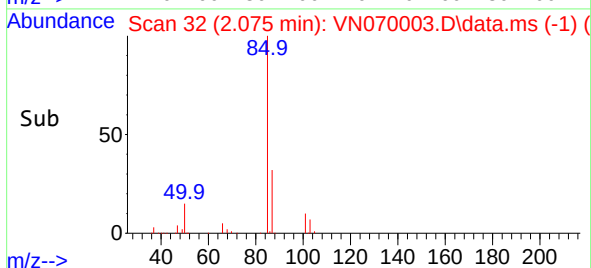
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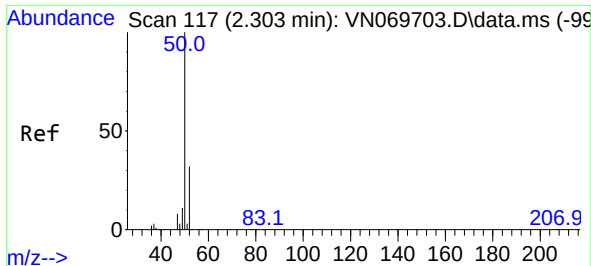


#2
Dichlorodifluoromethane
Concen: 18.235 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



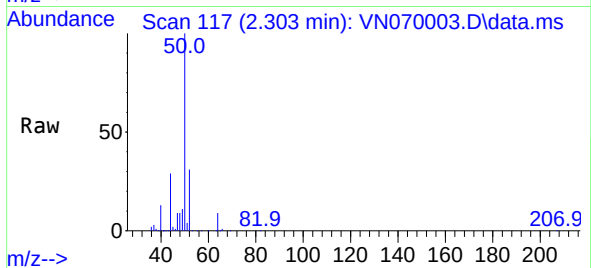
Tgt Ion: 85 Resp: 203147
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





#3
Chloromethane
Concen: 18.539 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

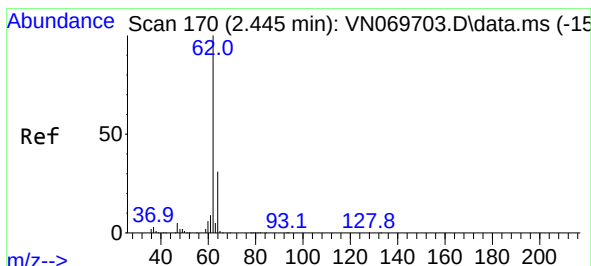
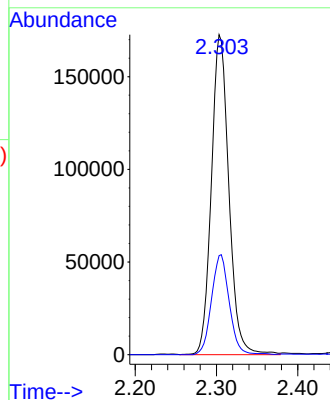
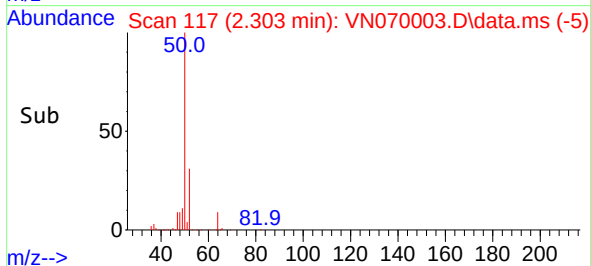
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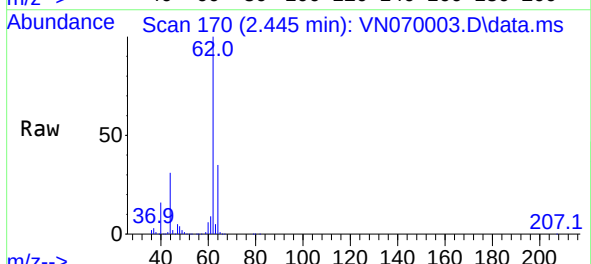
Tgt Ion: 50 Resp: 25874
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0

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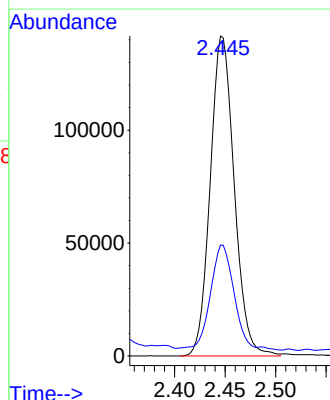
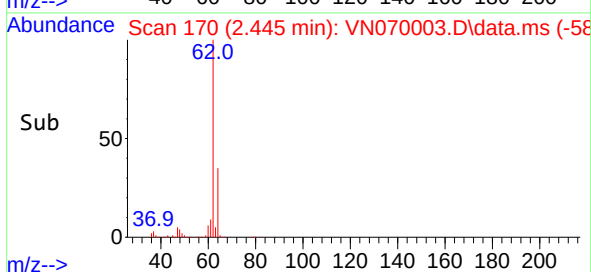
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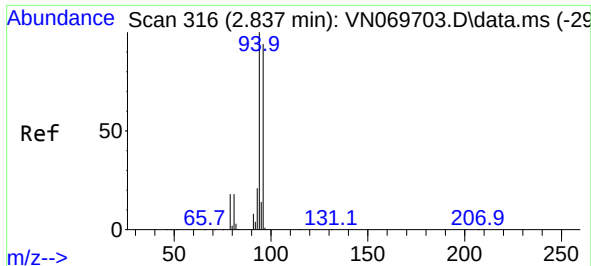


#4
Vinyl Chloride
Concen: 18.245 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



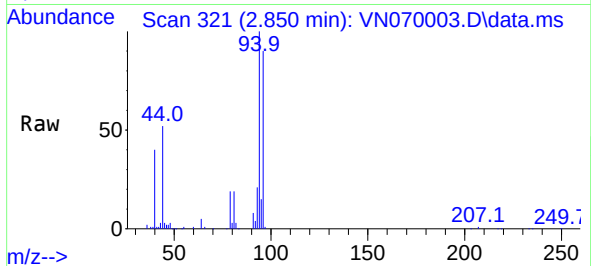
Tgt Ion: 62 Resp: 234150
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6





#5
Bromomethane
Concen: 18.819 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.014 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

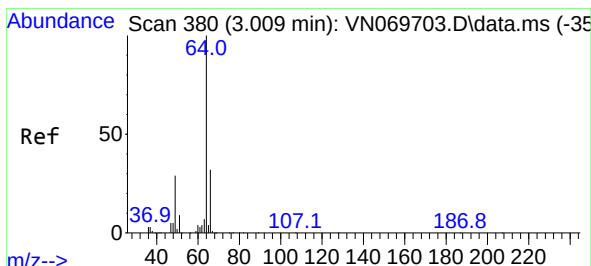
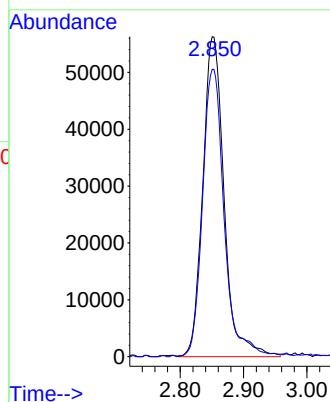
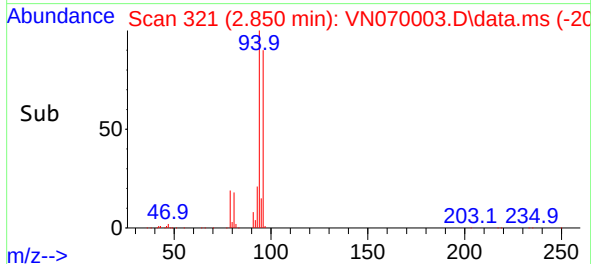
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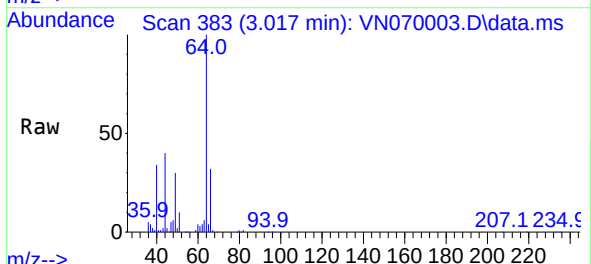
Tgt Ion: 94 Resp: 13121
Ion Ratio Lower Upper
94 100
96 89.4 73.8 110.8

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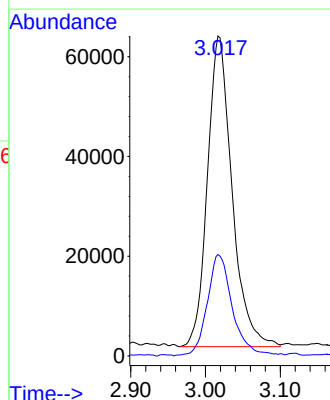
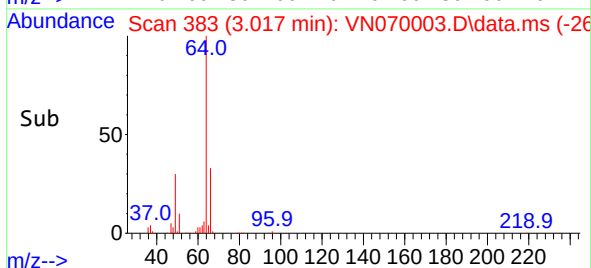
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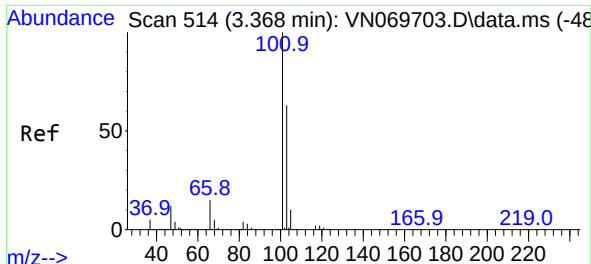


#6
Chloroethane
Concen: 18.144 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
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Tgt Ion: 64 Resp: 142686
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





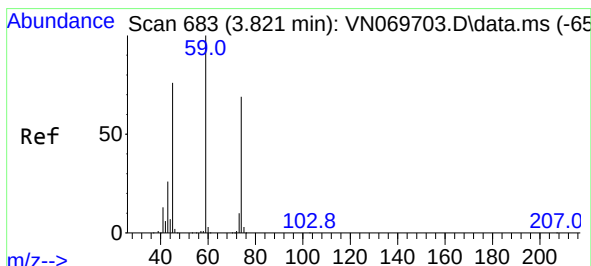
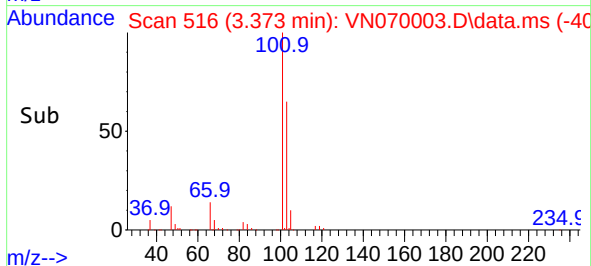
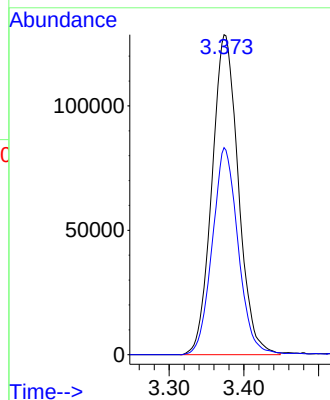
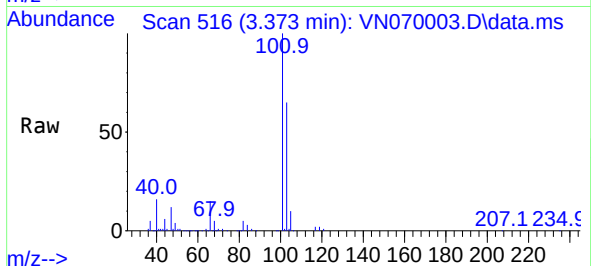
#7
Trichlorofluoromethane
Concen: 18.716 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.005 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
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ClientSampleId :
VN1211MBS01

Tgt Ion:101 Resp: 315249
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1

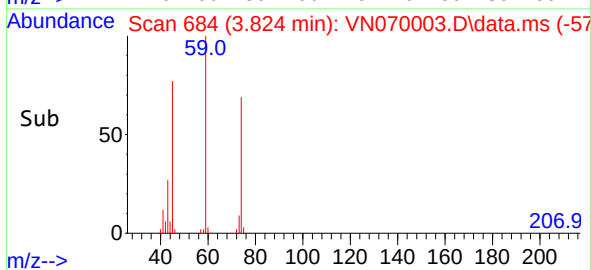
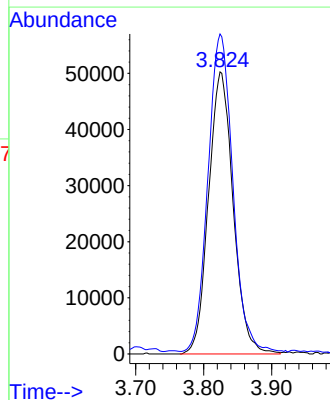
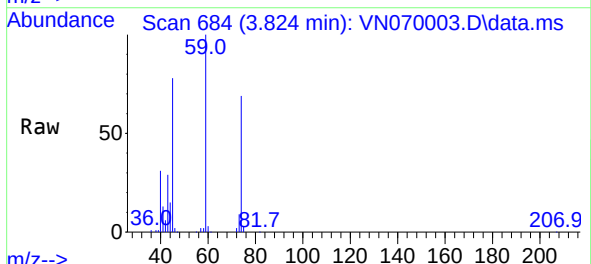
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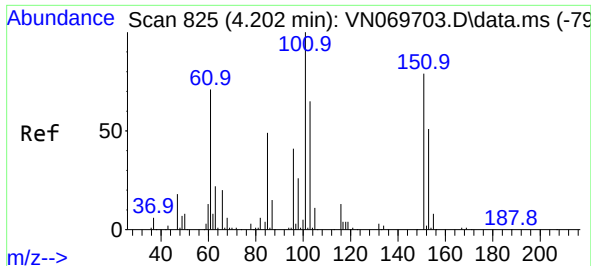
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#8
Diethyl Ether
Concen: 19.530 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 126696
Ion Ratio Lower Upper
74 100
45 113.4 47.0 141.2





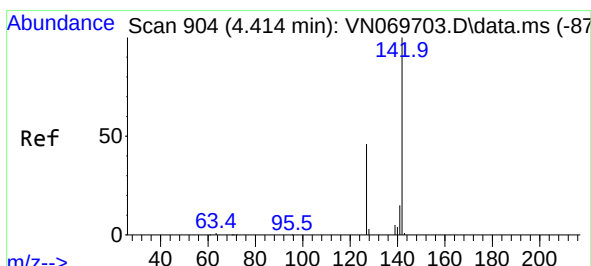
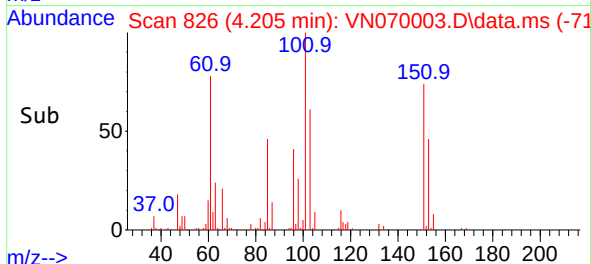
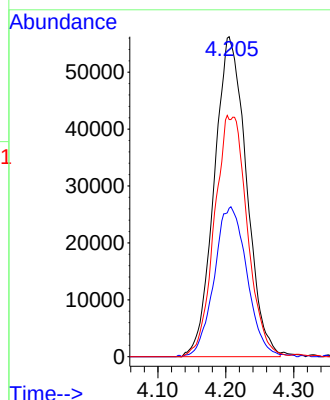
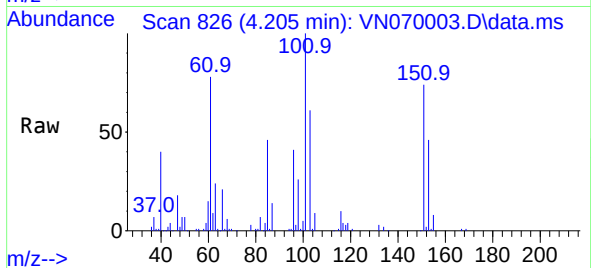
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.577 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion:101 Resp: 18484
Ion Ratio Lower Upper
101 100
85 47.8 37.2 55.8
151 39.8 65.9 98.9

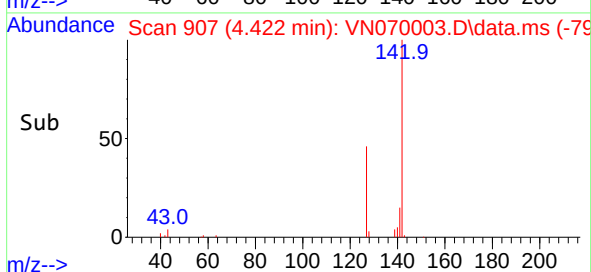
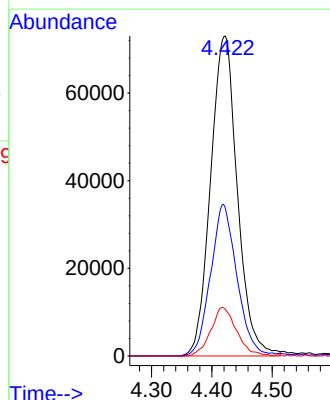
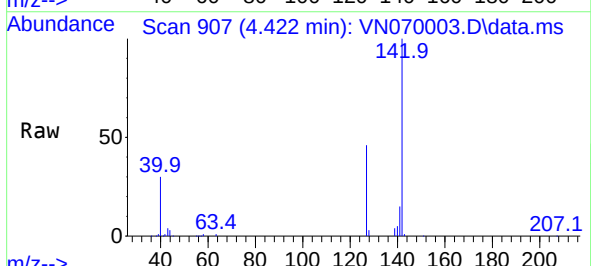
Manual Integrations
APPROVED

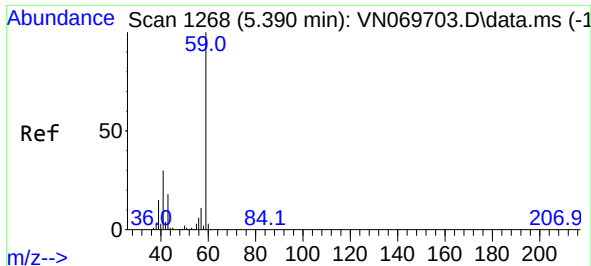
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 17.482 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

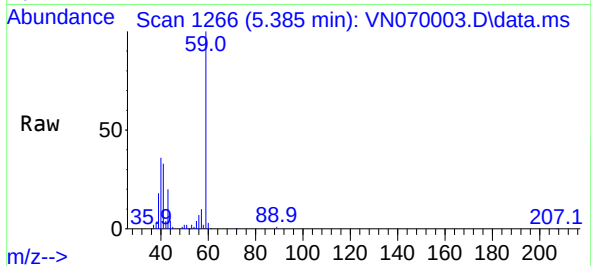
Tgt Ion:142 Resp: 225497
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 89.133 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

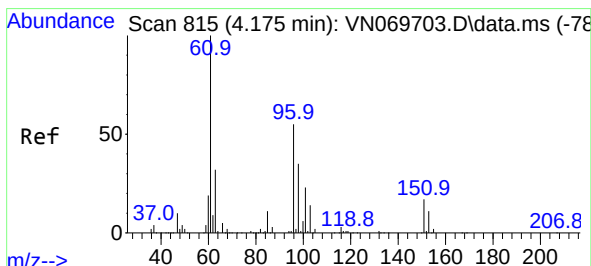
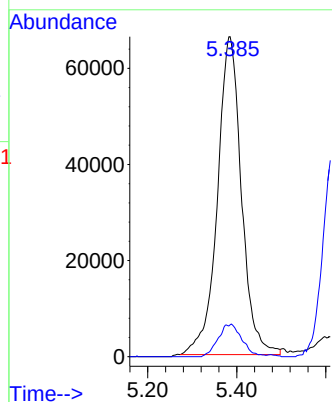
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



Tgt Ion: 59 Resp: 248470
Ion Ratio Lower Upper
59 100
57 4.8 8.7 13.1

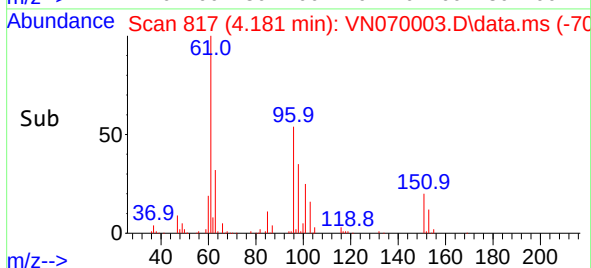
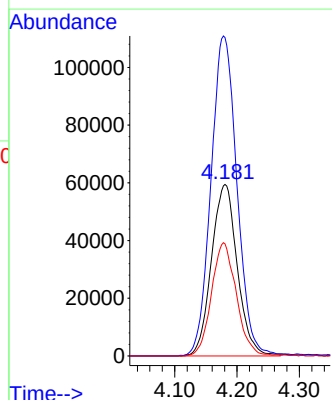
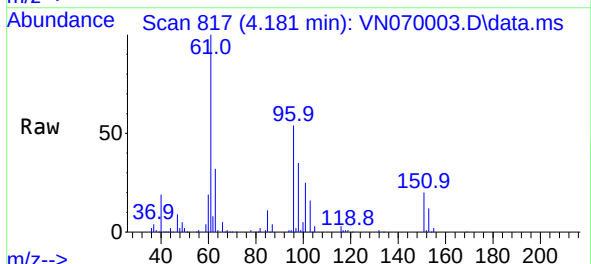
Manual Integrations
APPROVED

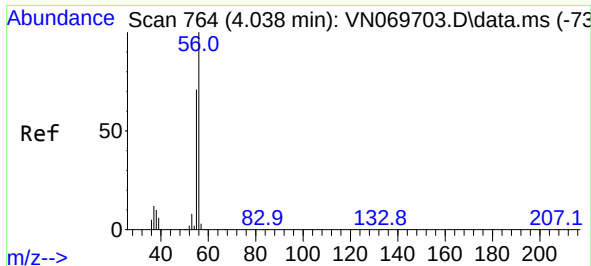
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 18.839 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

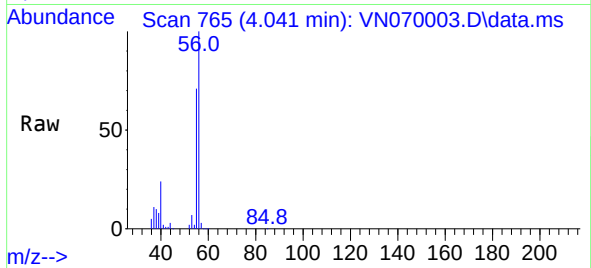
Tgt Ion: 96 Resp: 171403
Ion Ratio Lower Upper
96 100
61 185.2 131.0 196.6
98 65.4 52.4 78.6





#13
Acrolein
Concen: 103.782 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

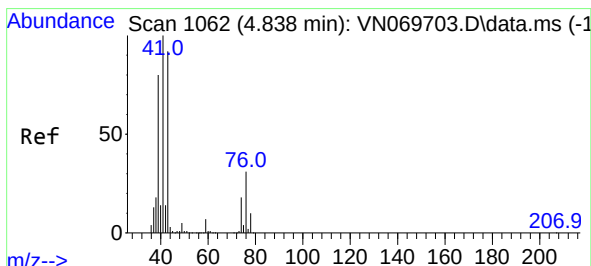
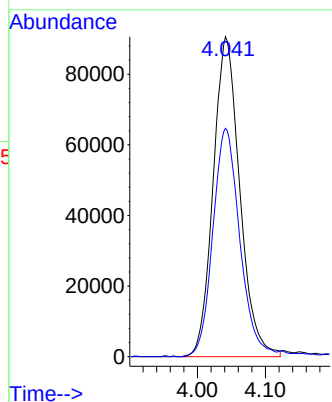
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



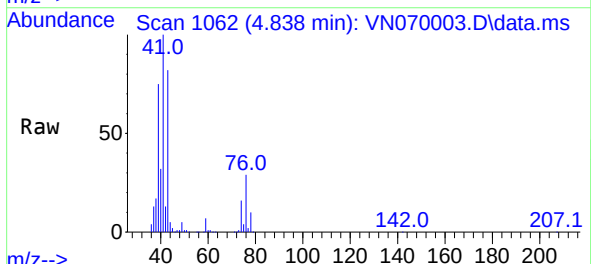
Tgt Ion: 56 Resp: 246375
Ion Ratio Lower Upper
56 100
55 72.1 56.6 85.0

Manual Integrations
APPROVED

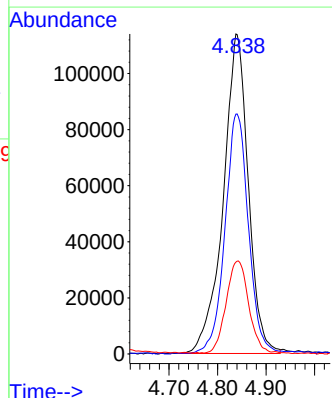
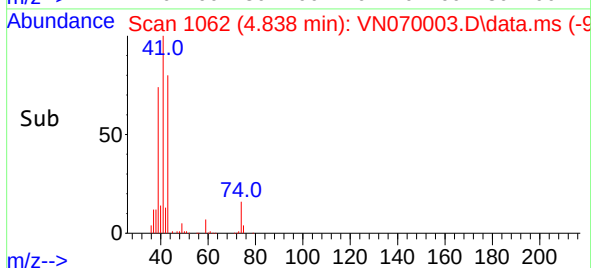
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

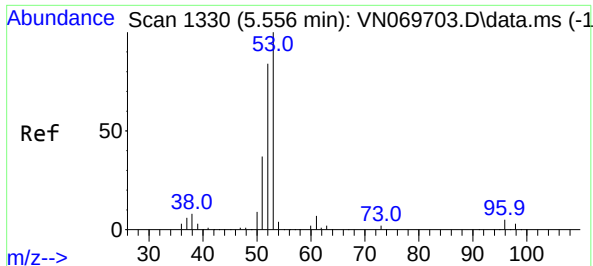


#14
Allyl chloride
Concen: 19.895 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



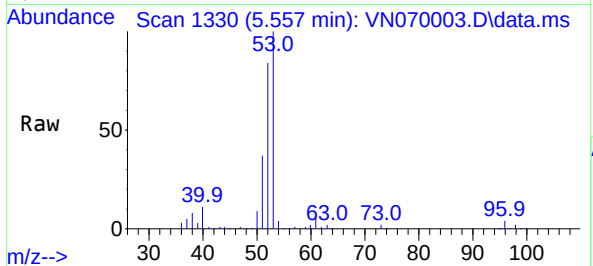
Tgt Ion: 41 Resp: 407876
Ion Ratio Lower Upper
41 100
39 70.1 61.2 91.8
76 25.7 26.0 39.0





#15
Acrylonitrile
Concen: 96.885 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

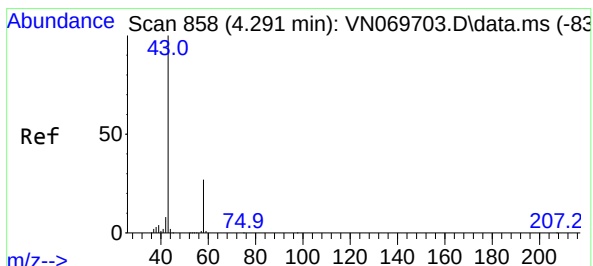
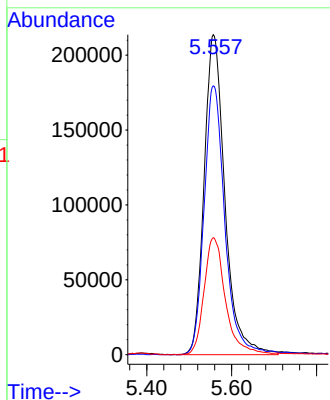
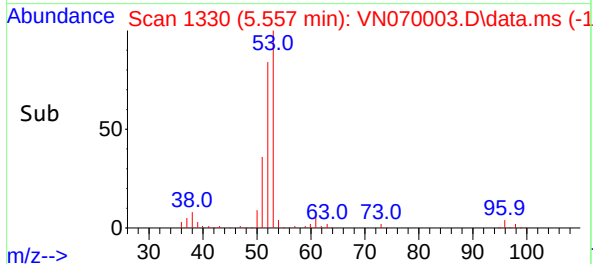
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



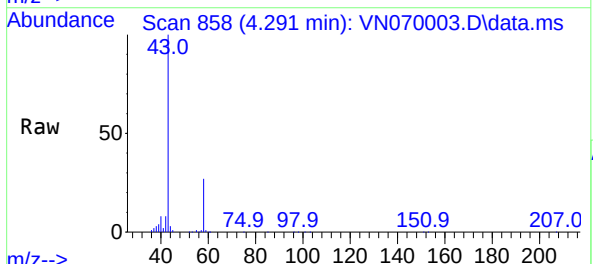
Tgt Ion: 53 Resp: 727780
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.6 29.6 44.4

Manual Integrations
APPROVED

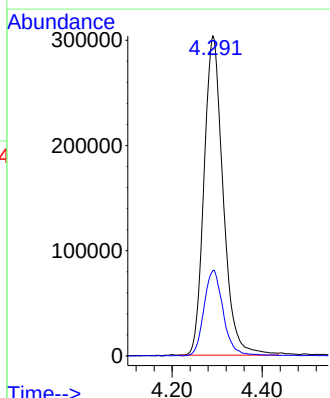
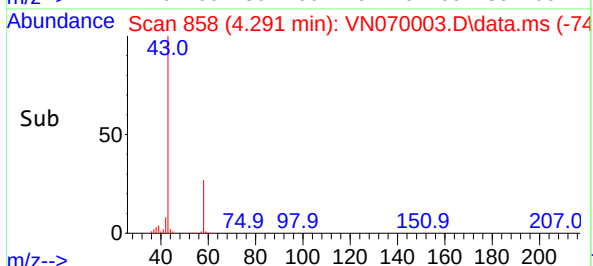
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

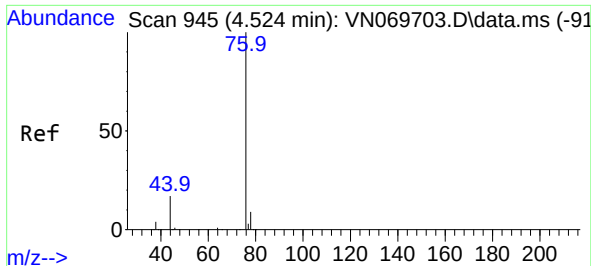


#16
Acetone
Concen: 100.731 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



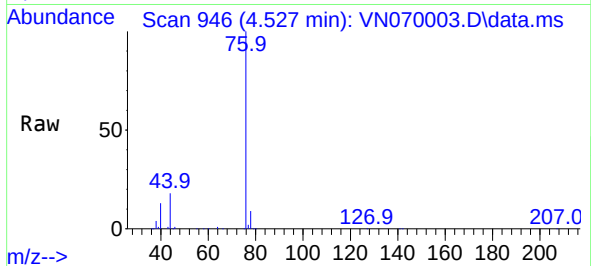
Tgt Ion: 43 Resp: 893632
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 20.143 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

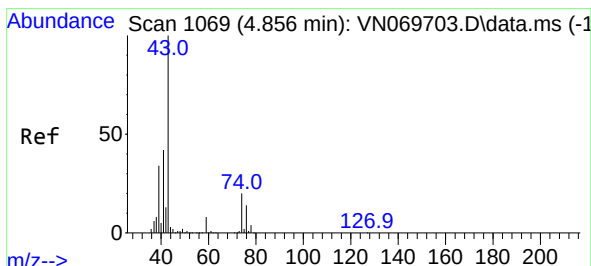
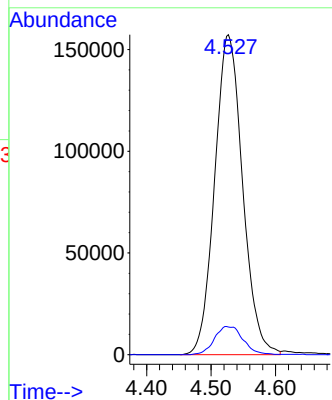
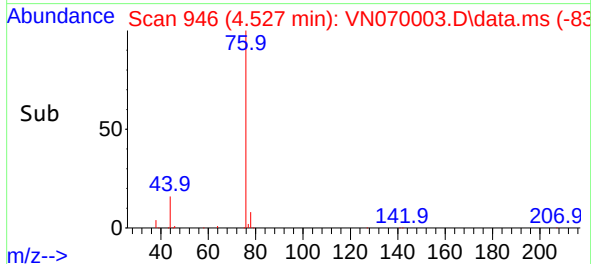
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



Tgt Ion: 76 Resp: 473462
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

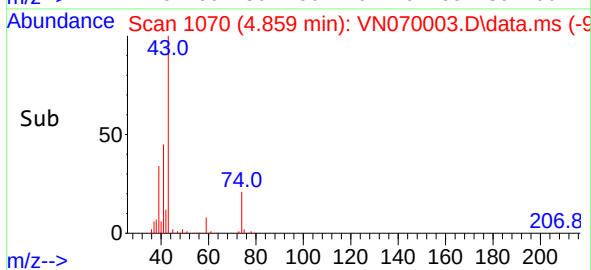
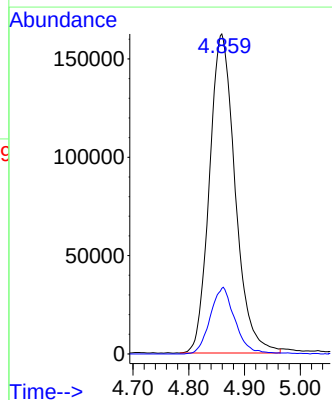
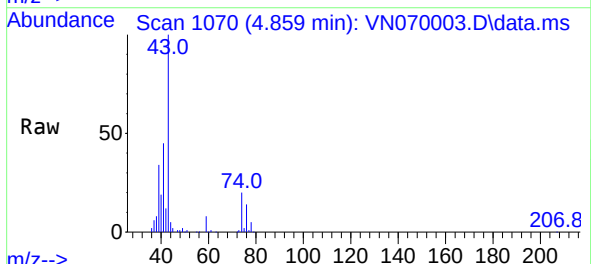
Manual Integrations
APPROVED

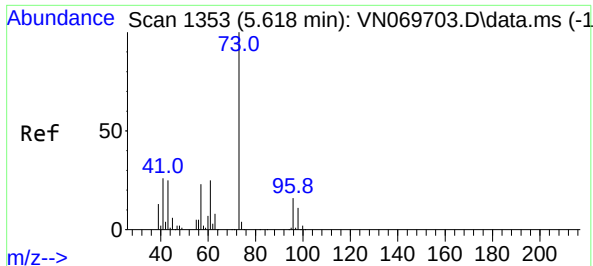
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 19.397 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Tgt Ion: 43 Resp: 519415
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





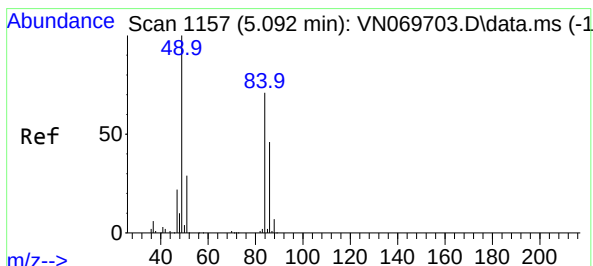
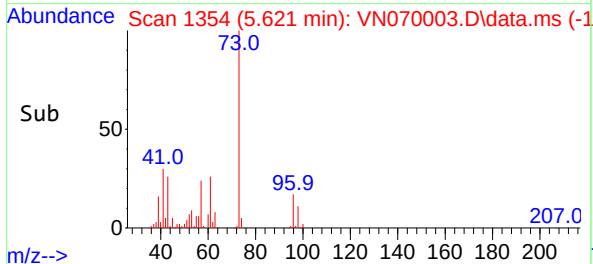
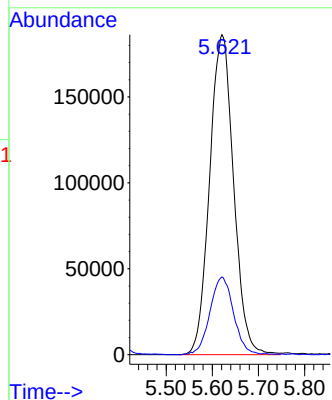
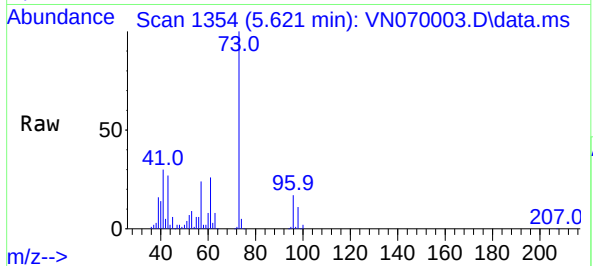
#19
Methyl tert-butyl Ether
Concen: 19.014 ug/l
RT: 5.621 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion: 73 Resp: 67264
Ion Ratio Lower Upper
73 100
57 24.3 16.8 25.2

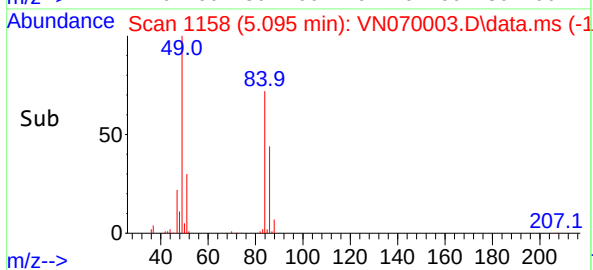
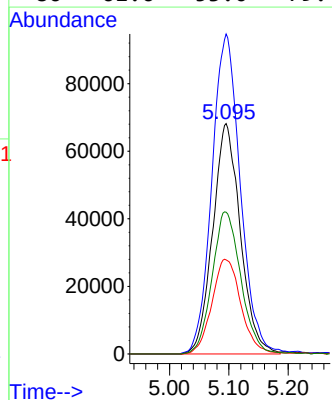
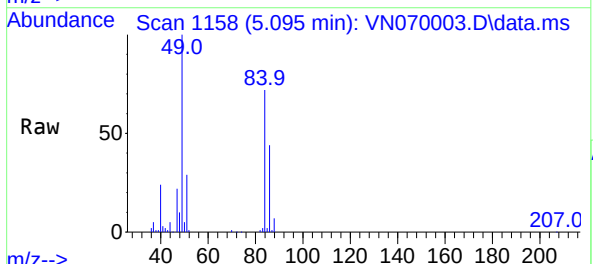
Manual Integrations
APPROVED

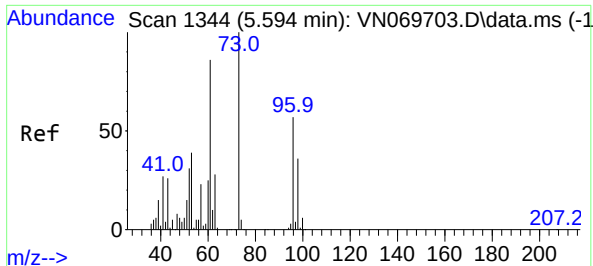
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 18.698 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

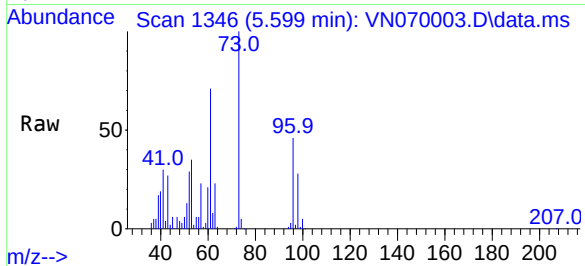
Tgt Ion: 84 Resp: 220511
Ion Ratio Lower Upper
84 100
49 138.9 93.5 140.3
51 40.8 29.4 44.2
86 61.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.931 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

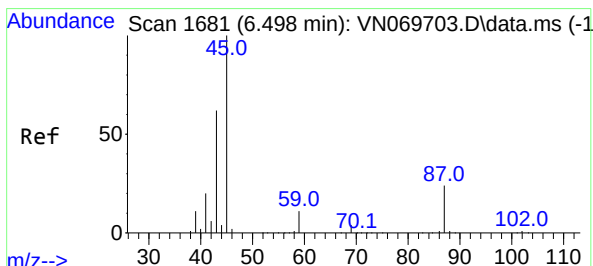
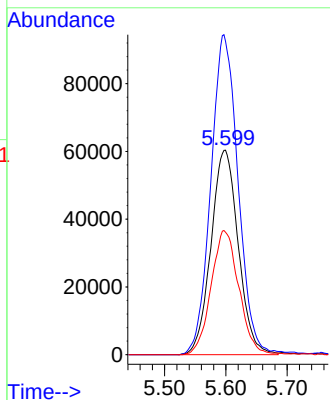
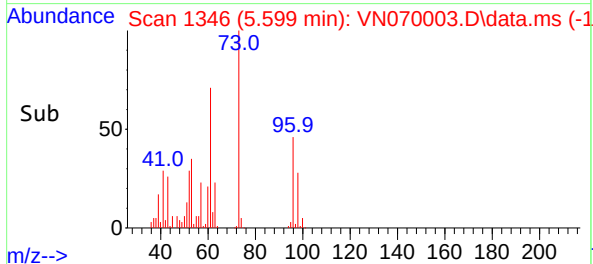
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



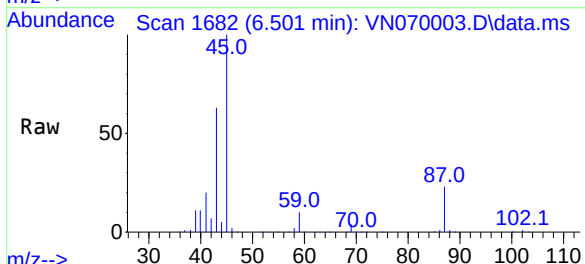
Tgt Ion: 96 Resp: 187084
Ion Ratio Lower Upper
96 100
61 153.2 105.8 158.6
98 59.9 52.0 78.0

Manual Integrations
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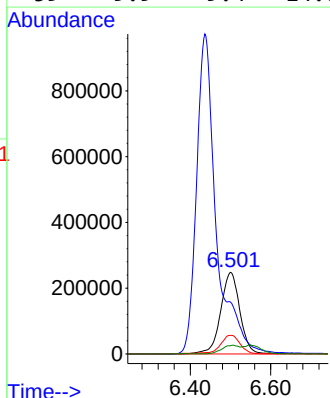
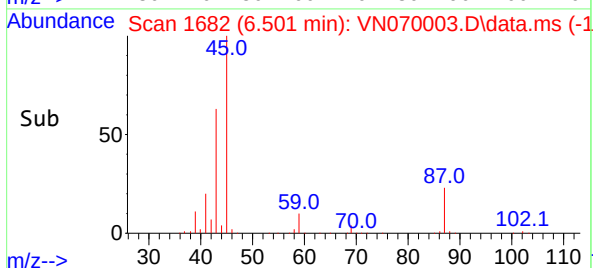
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

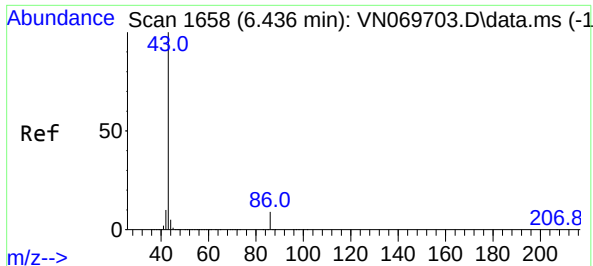


#22
Diisopropyl ether
Concen: 20.510 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



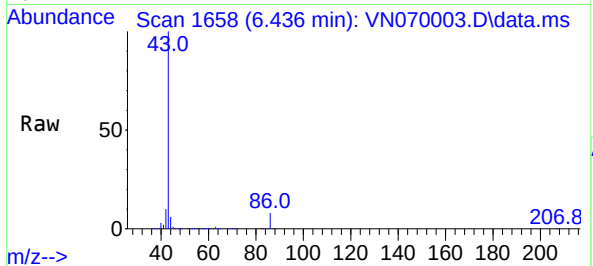
Tgt Ion: 45 Resp: 821881
Ion Ratio Lower Upper
45 100
43 62.8 51.7 77.5
87 22.8 23.2 34.8#
59 9.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 90.298 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070003.D
 Acq: 11 Dec 2021 12:48

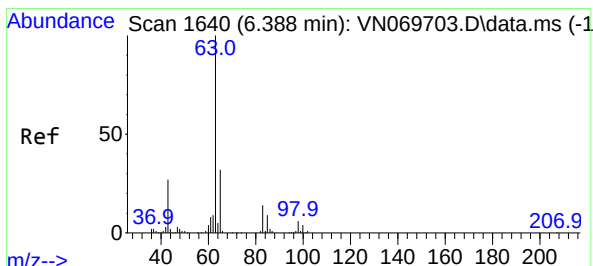
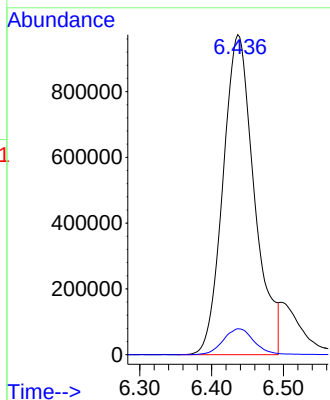
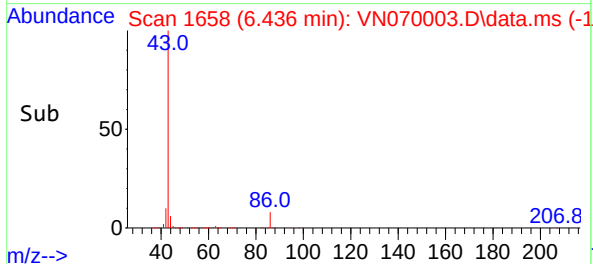
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01



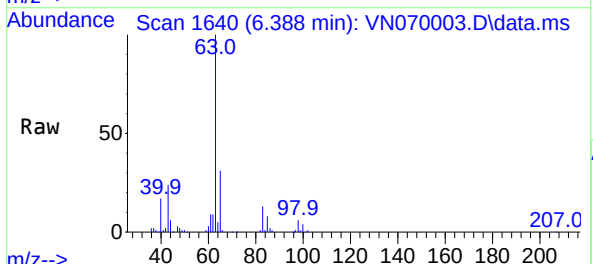
Tgt Ion: 43 Resp: 2943820
 Ion Ratio Lower Upper
 43 100
 86 8.1 8.5 12.7

Manual Integrations
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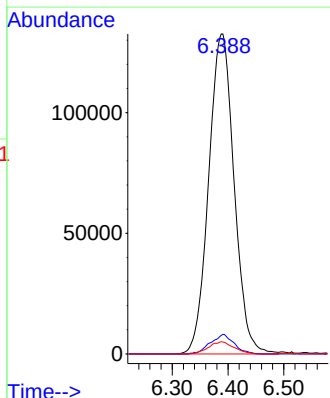
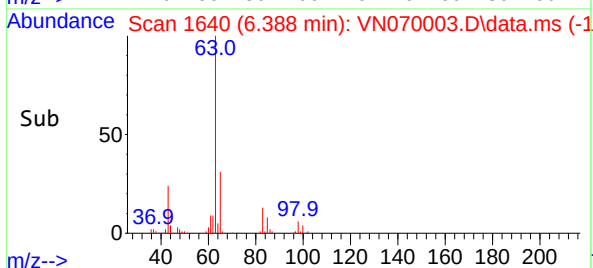
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021

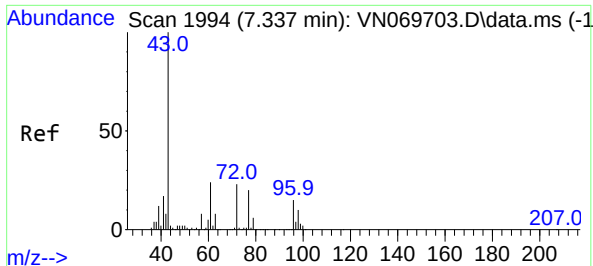


#24
 1,1-Dichloroethane
 Concen: 20.208 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070003.D
 Acq: 11 Dec 2021 12:48



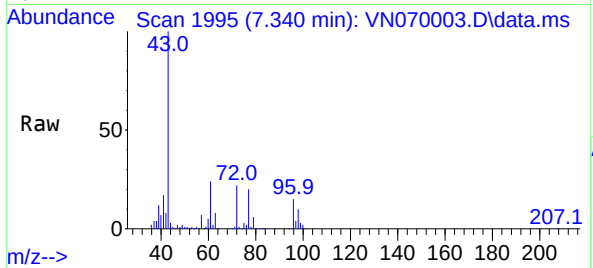
Tgt Ion: 63 Resp: 419480
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 96.331 ug/l
RT: 7.340 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

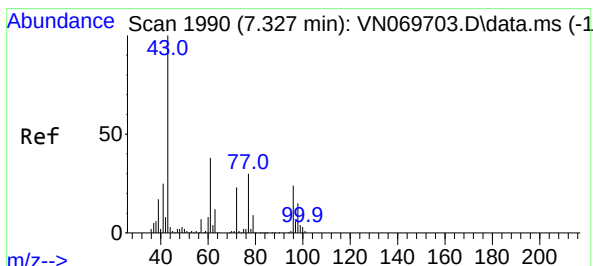
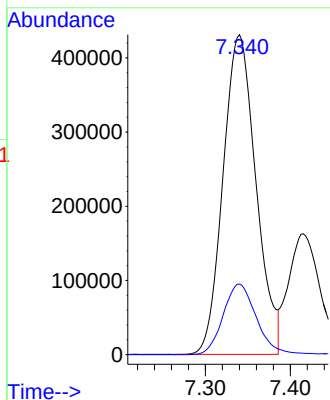
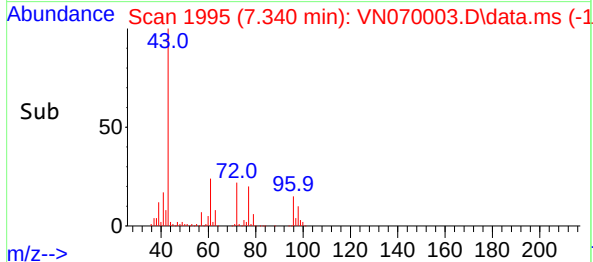
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



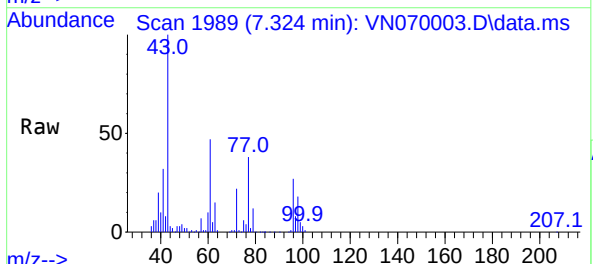
Tgt Ion: 43 Resp: 116115
Ion Ratio Lower Upper
43 100
72 22.1 21.7 32.5

Manual Integrations
APPROVED

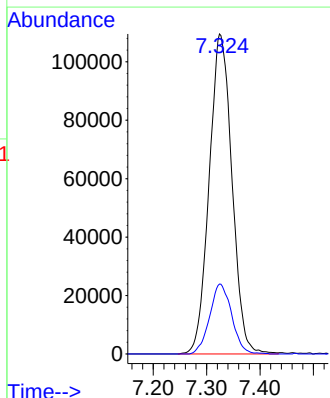
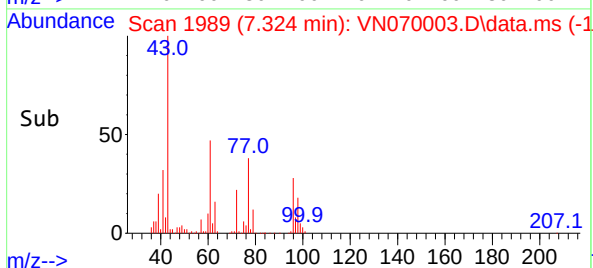
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

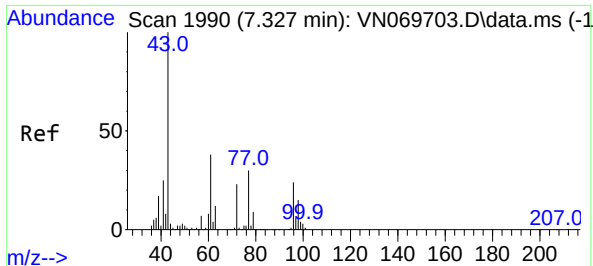


#26
2,2-Dichloropropane
Concen: 20.113 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



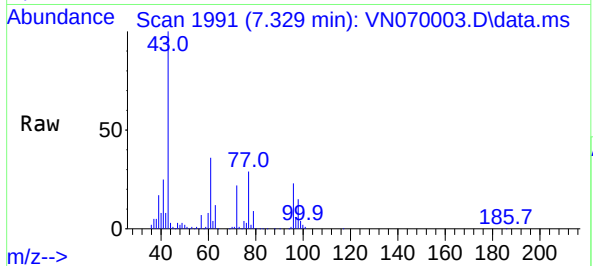
Tgt Ion: 77 Resp: 324613
Ion Ratio Lower Upper
77 100
97 21.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.007 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

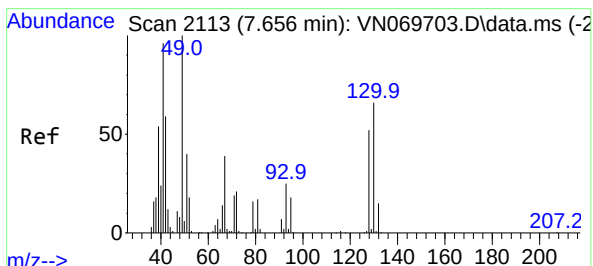
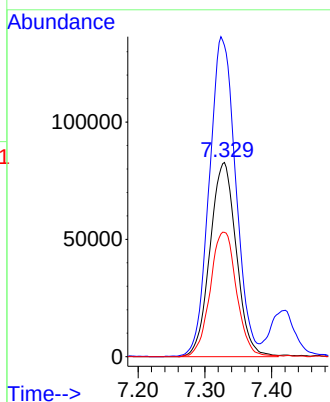
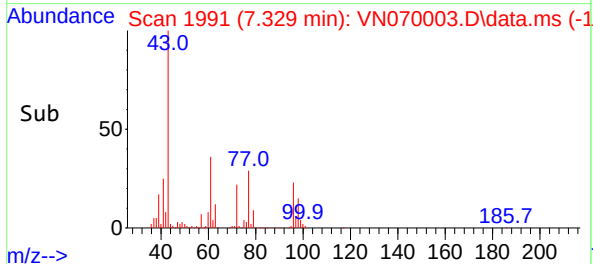
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



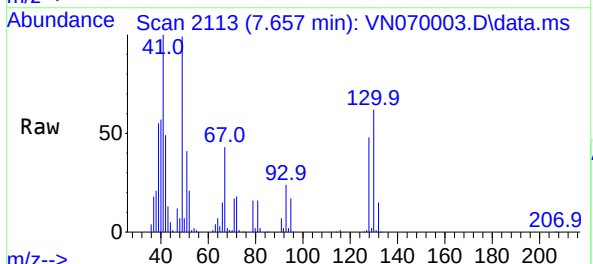
Tgt Ion: 96 Resp: 226934
Ion Ratio Lower Upper
96 100
61 164.5 0.0 275.0
98 64.4 0.0 129.6

Manual Integrations
APPROVED

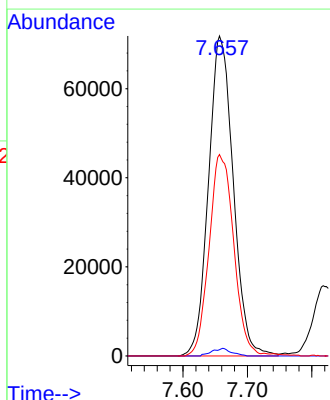
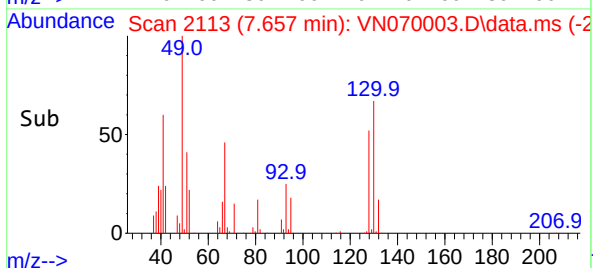
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

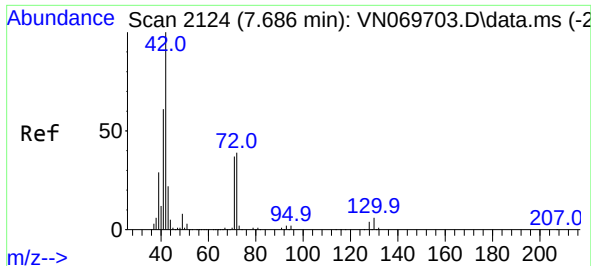


#28
Bromochloromethane
Concen: 17.728 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion: 49 Resp: 191365
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 62.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 96.238 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070003.D

Acq: 11 Dec 2021 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBS01

Tgt Ion: 42 Resp: 704398

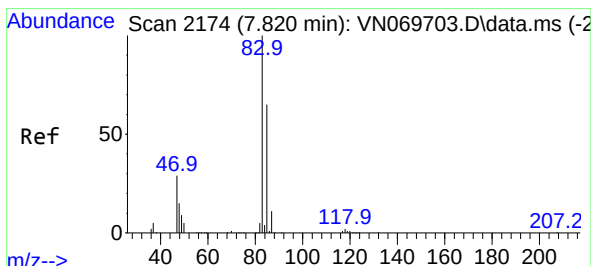
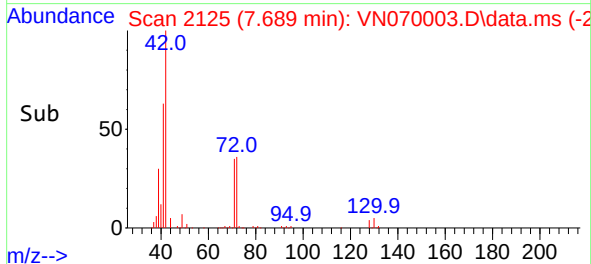
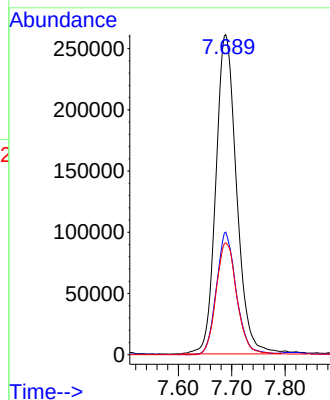
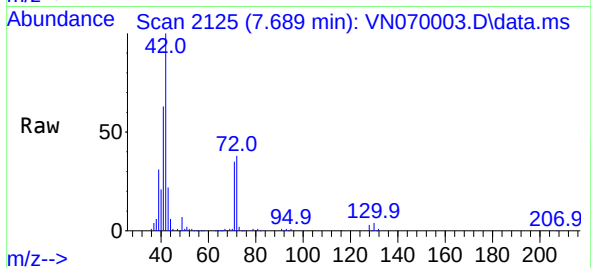
Ion	Ratio	Lower	Upper
42	100		
72	36.9	36.3	54.5
71	35.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 20.154 ug/l

RT: 7.820 min Scan# 2174

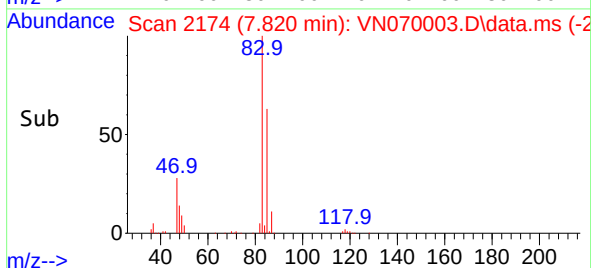
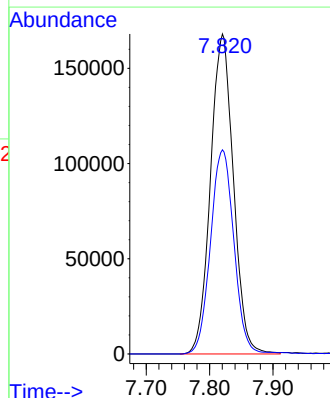
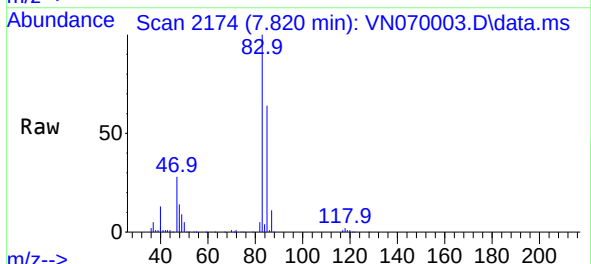
Delta R.T. 0.000 min

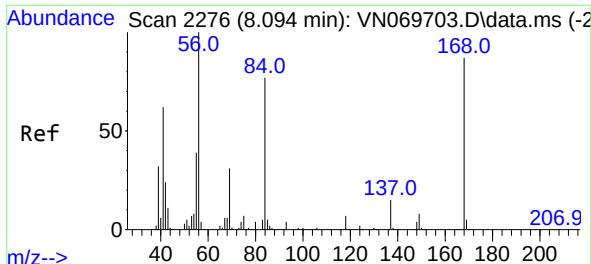
Lab File: VN070003.D

Acq: 11 Dec 2021 12:48

Tgt Ion: 83 Resp: 422519

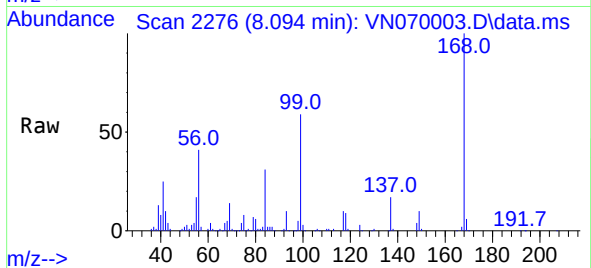
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9





#31
Cyclohexane
Concen: 18.965 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

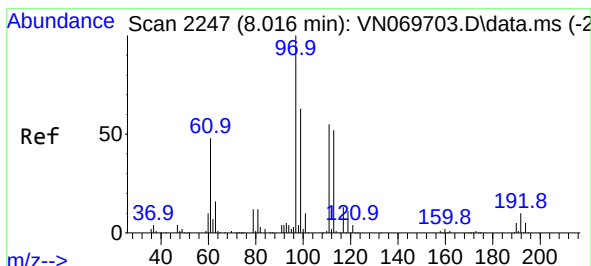
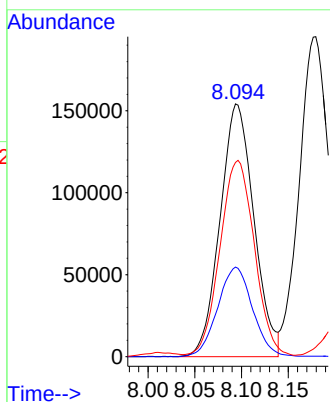
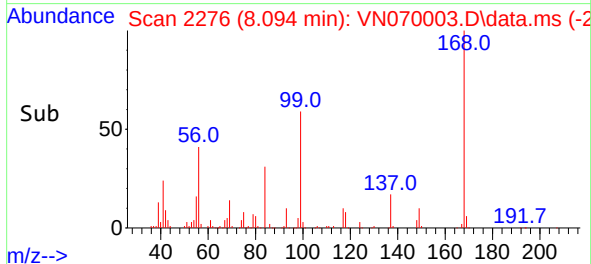
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



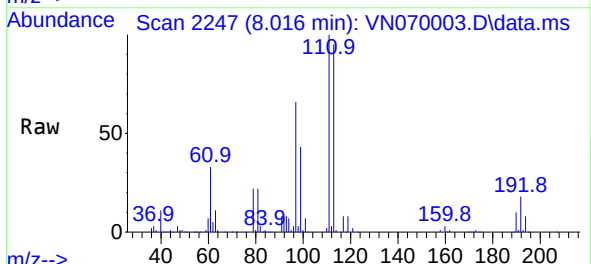
Tgt Ion: 56 Resp: 389228
Ion Ratio Lower Upper
56 100
69 35.4 27.1 40.7
84 75.7 73.4 110.0

Manual Integrations
APPROVED

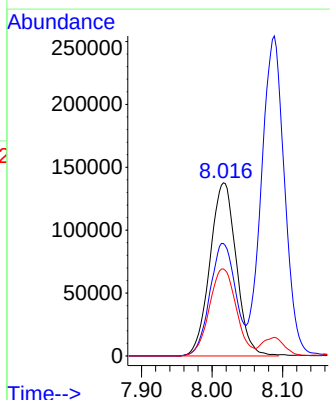
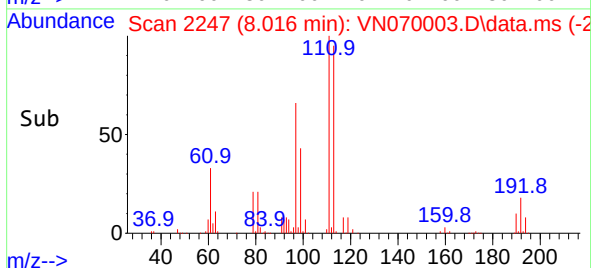
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

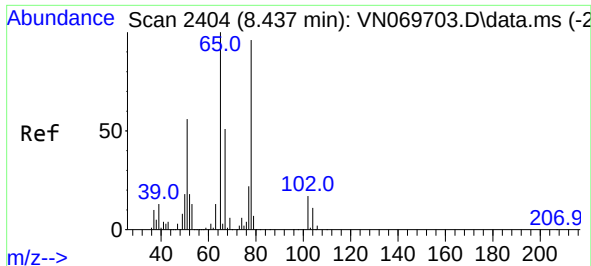


#32
1,1,1-Trichloroethane
Concen: 20.005 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



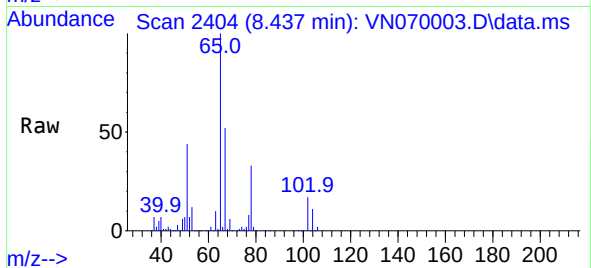
Tgt Ion: 97 Resp: 357228
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 51.5 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 51.271 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

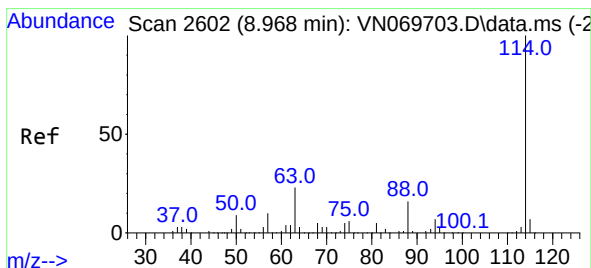
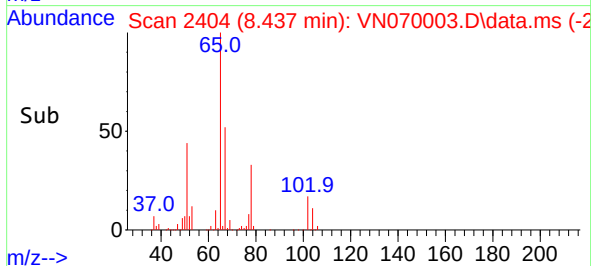
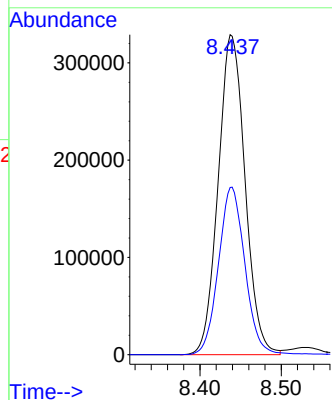
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



Tgt Ion: 65 Resp: 756133
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

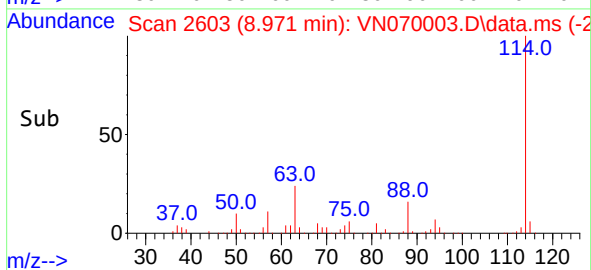
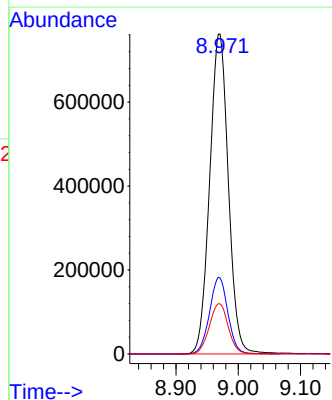
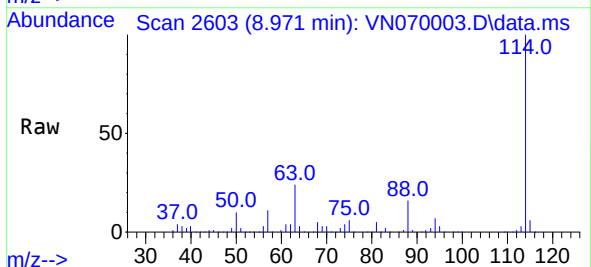
Manual Integrations
APPROVED

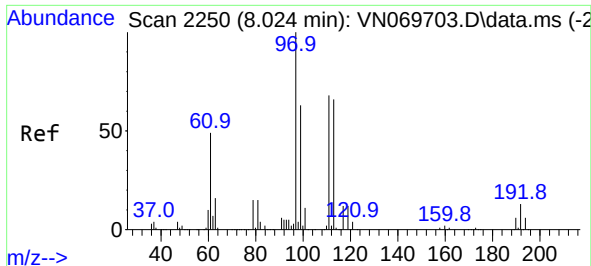
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

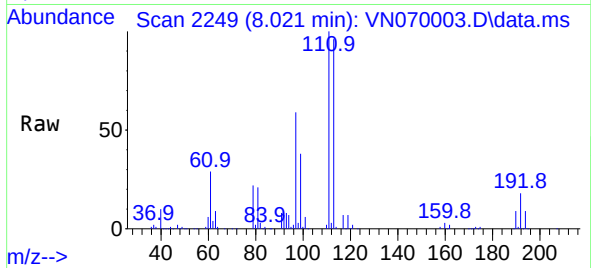
Tgt Ion:114 Resp: 1587738
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.515 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

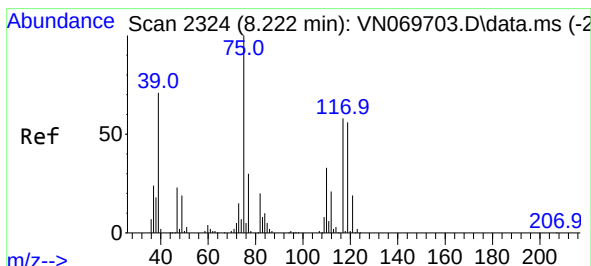
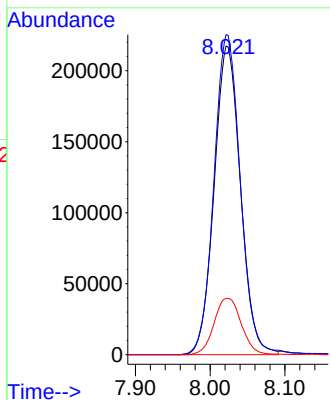
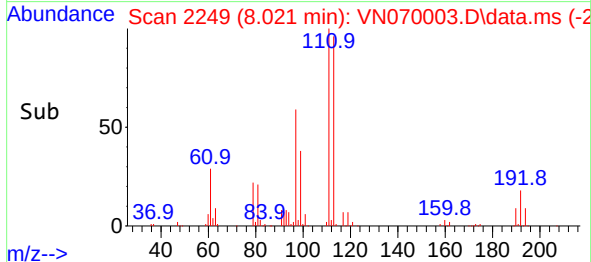
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



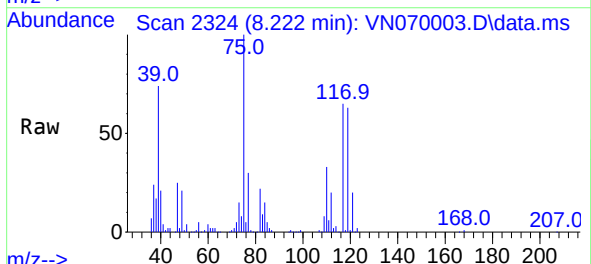
Tgt Ion: 113 Resp: 532224
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.0 16.9 25.3

Manual Integrations
APPROVED

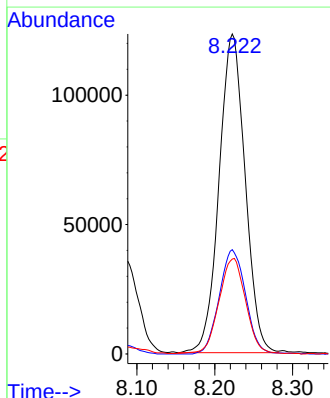
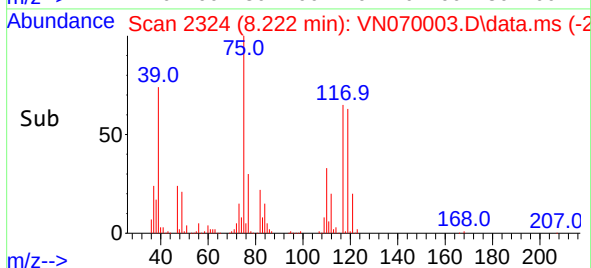
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

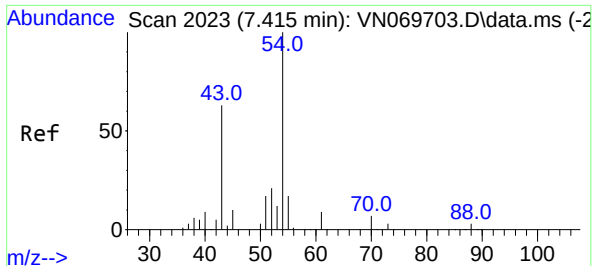


#36
1,1-Dichloropropene
Concen: 18.897 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion: 75 Resp: 285618
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 30.5 24.4 36.6





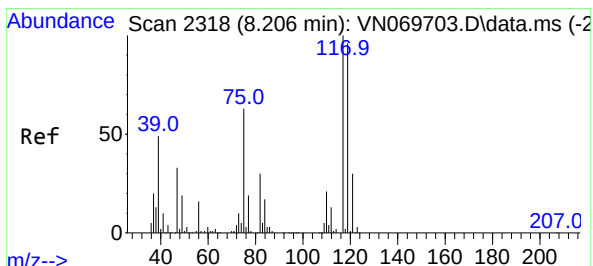
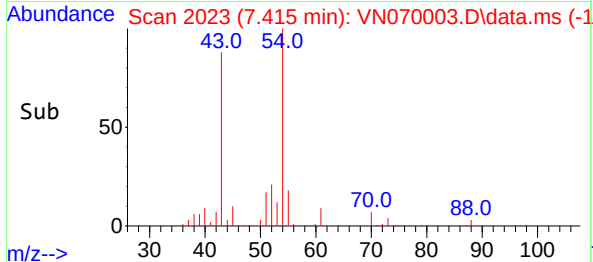
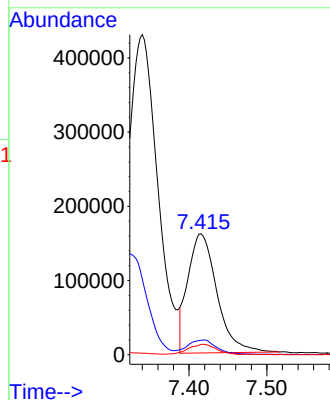
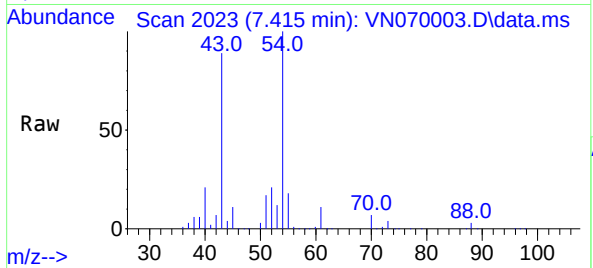
#37
Ethyl Acetate
Concen: 18.474 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion: 43 Resp: 41558
Ion Ratio Lower Upper
43 100
61 12.0 11.5 17.3
70 8.6 7.9 11.9

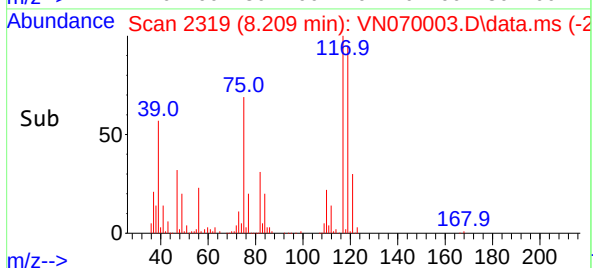
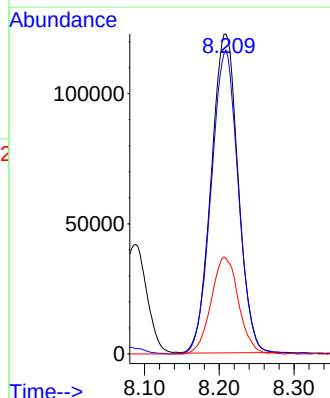
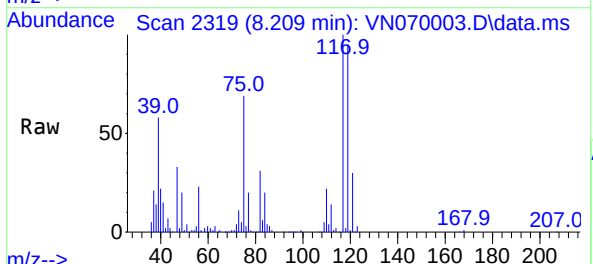
Manual Integrations
APPROVED

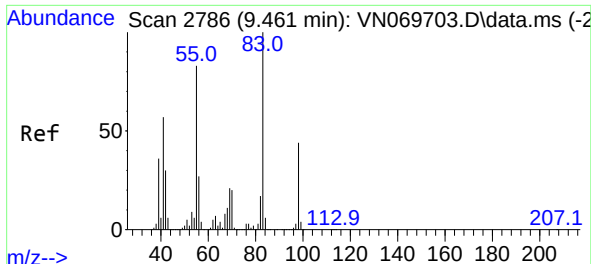
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 20.655 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Tgt Ion:117 Resp: 306142
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1
121 29.9 24.2 36.2





#39

Methylcyclohexane

Concen: 18.067 ug/l

RT: 9.461 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070003.D

Acq: 11 Dec 2021 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBS01

Tgt Ion: 83 Resp: 324828

Ion Ratio Lower Upper

83 100

55 86.5 58.1 87.1

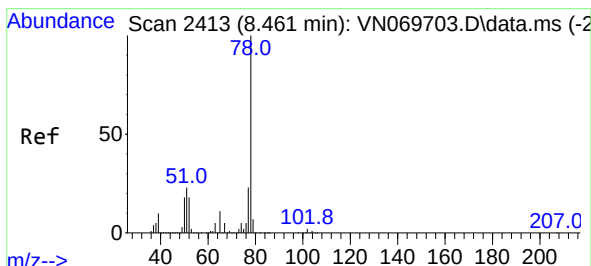
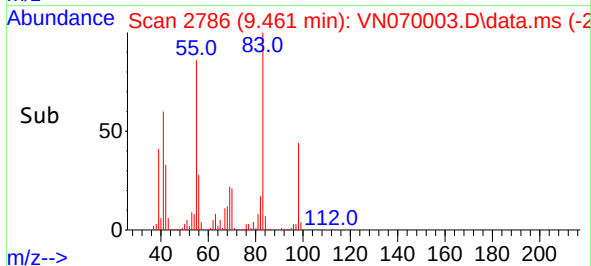
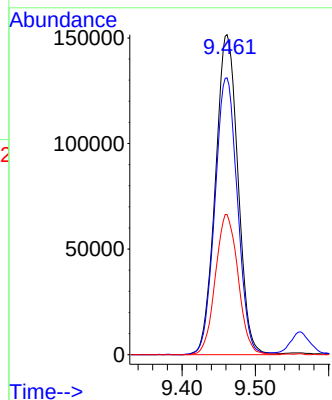
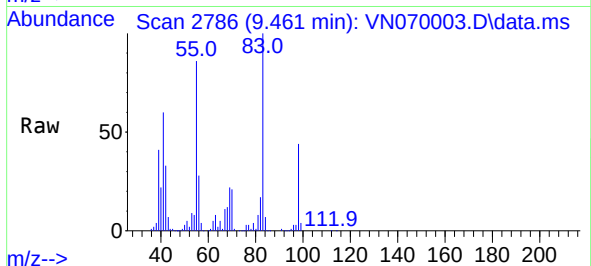
98 43.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#40

Benzene

Concen: 19.372 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN070003.D

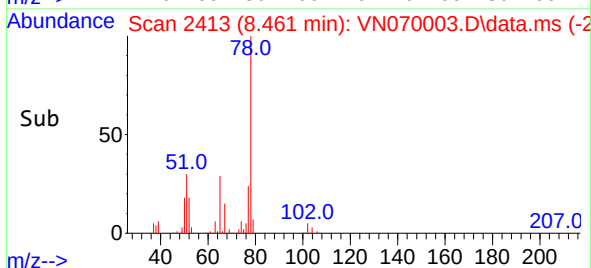
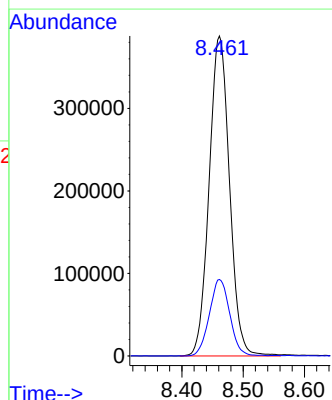
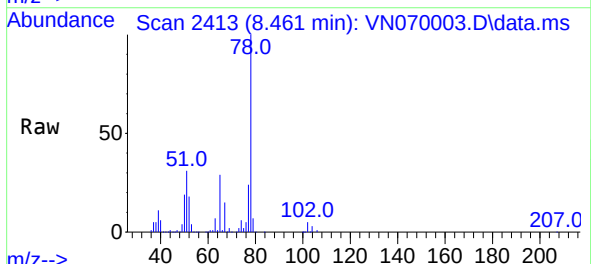
Acq: 11 Dec 2021 12:48

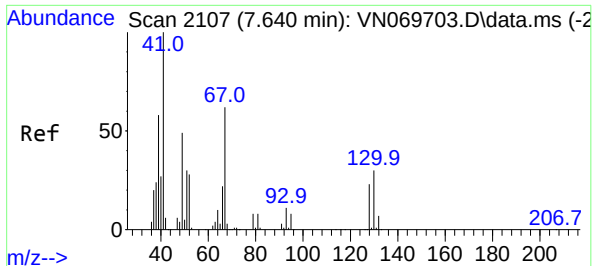
Tgt Ion: 78 Resp: 895009

Ion Ratio Lower Upper

78 100

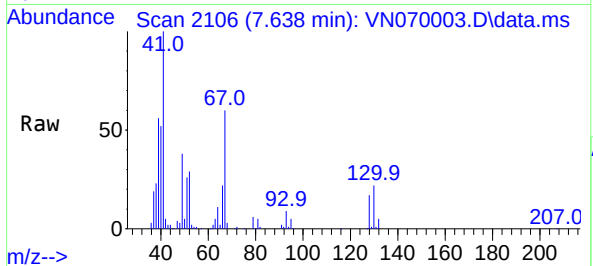
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 19.960 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

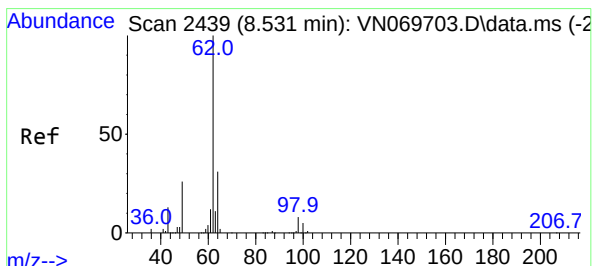
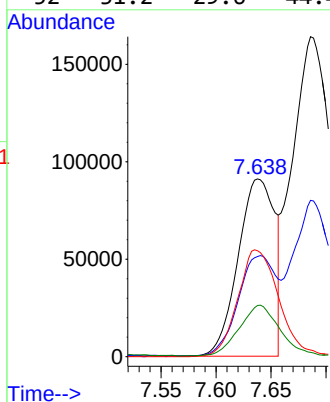
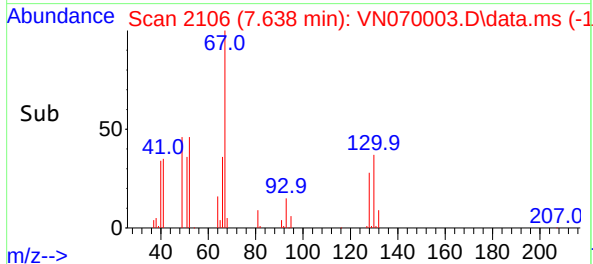
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



Tgt Ion: 41 Resp: 21079
Ion Ratio Lower Upper
41 100
39 59.6 48.1 72.1
67 68.5 68.3 102.5
52 31.2 29.6 44.4

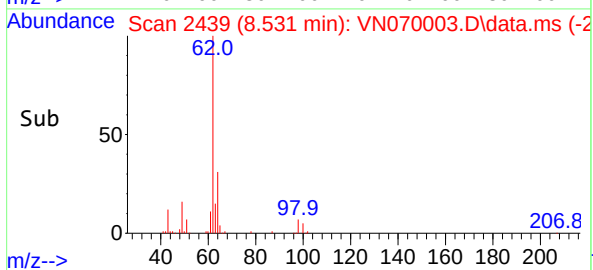
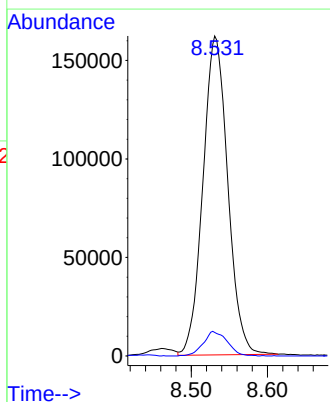
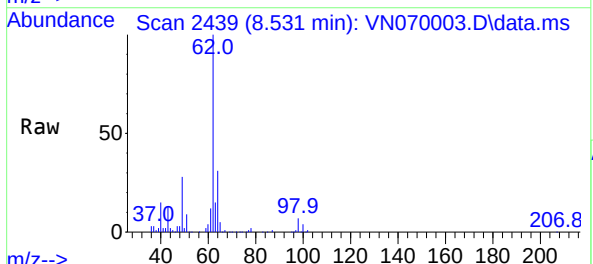
Manual Integrations
APPROVED

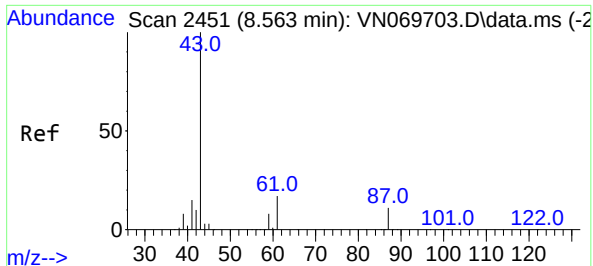
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 19.625 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

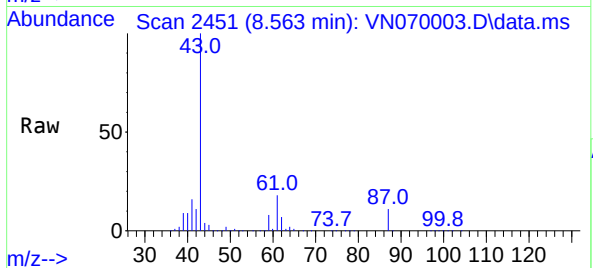
Tgt Ion: 62 Resp: 366013
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.906 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

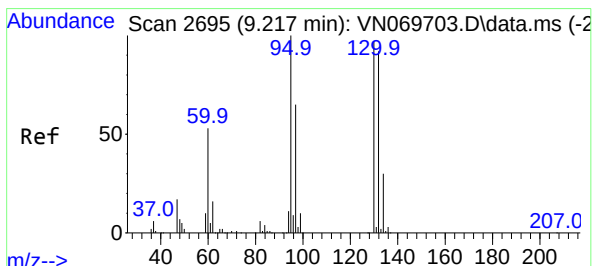
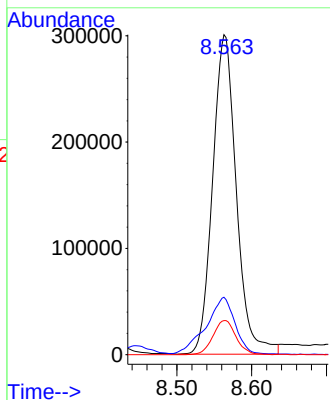
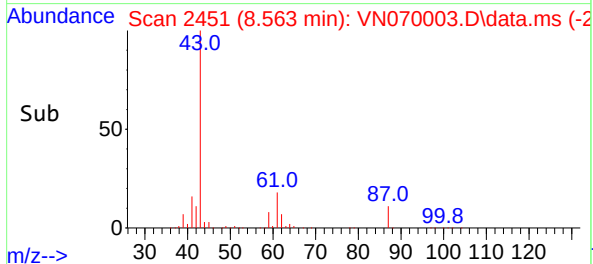
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



Tgt Ion: 43 Resp: 662689
Ion Ratio Lower Upper
43 100
61 21.8 20.4 30.6
87 10.4 11.2 16.8

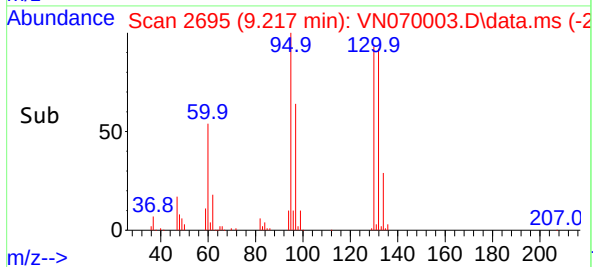
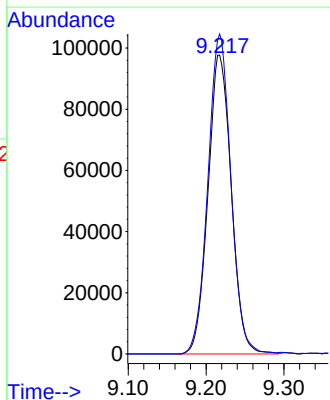
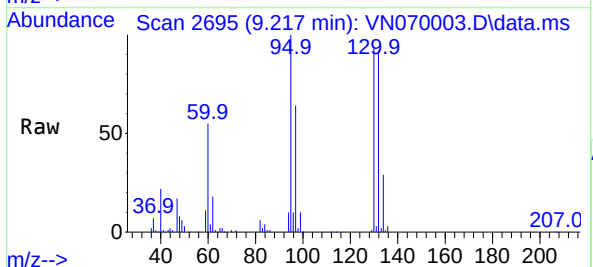
Manual Integrations
APPROVED

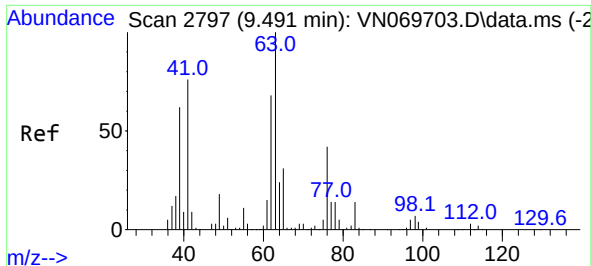
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 18.416 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

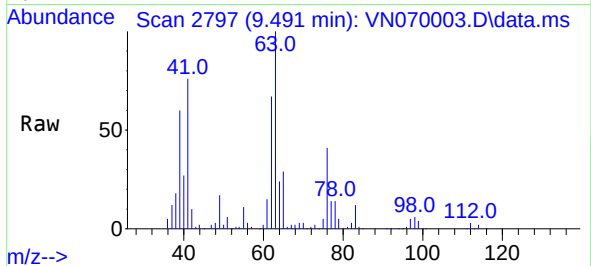
Tgt Ion:130 Resp: 203068
Ion Ratio Lower Upper
130 100
95 107.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 19.963 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

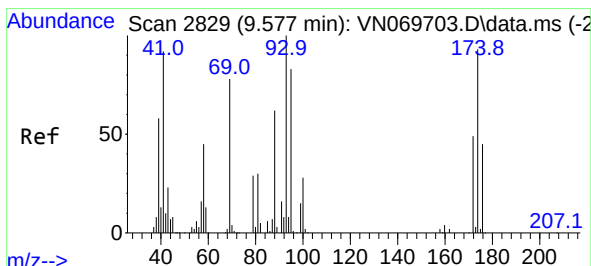
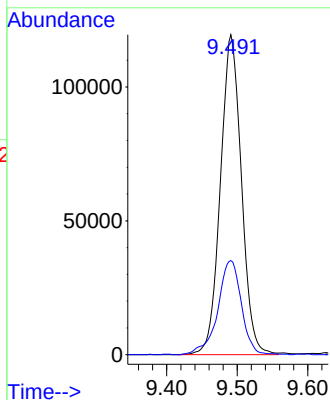
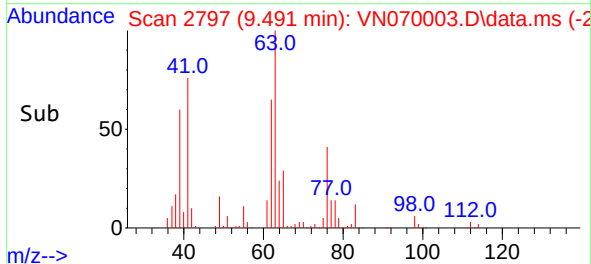
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



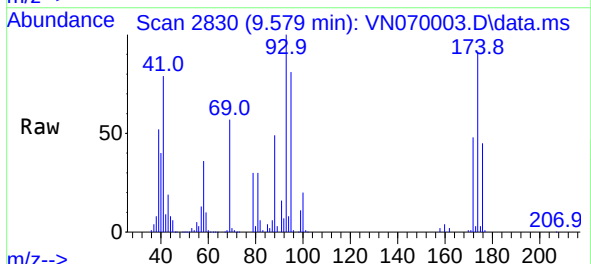
Tgt Ion: 63 Resp: 24767
Ion Ratio Lower Upper
63 100
65 29.4 24.7 37.1

Manual Integrations
APPROVED

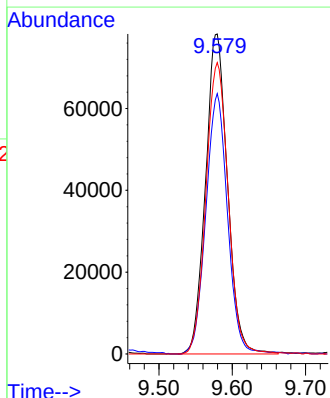
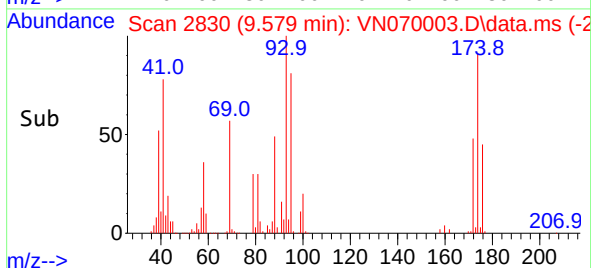
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

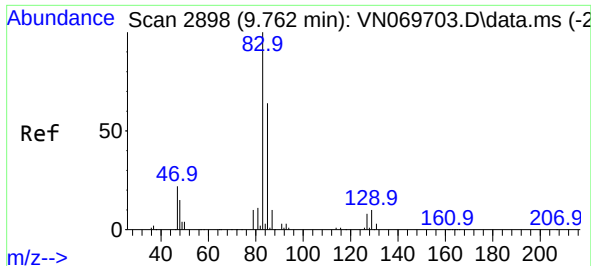


#46
Dibromomethane
Concen: 20.020 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



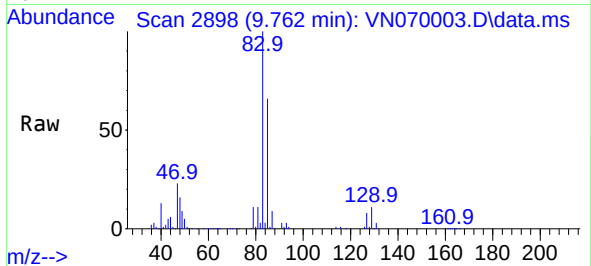
Tgt Ion: 93 Resp: 162889
Ion Ratio Lower Upper
93 100
95 80.2 65.9 98.9
174 92.6 84.6 127.0





#47
Bromodichloromethane
Concen: 21.891 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

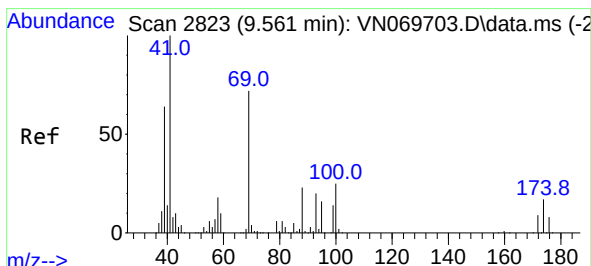
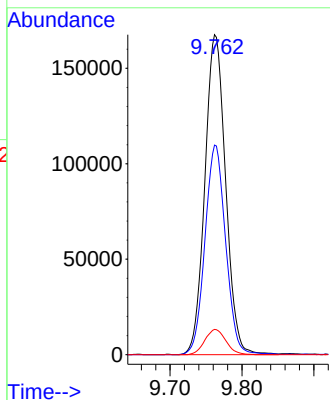
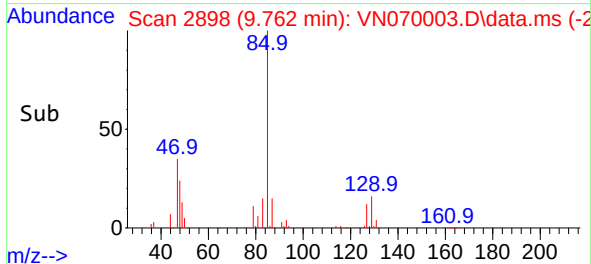
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



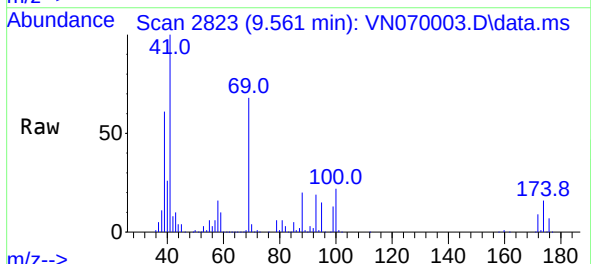
Tgt Ion: 83 Resp: 337240
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 7.9 7.1 10.7

Manual Integrations
APPROVED

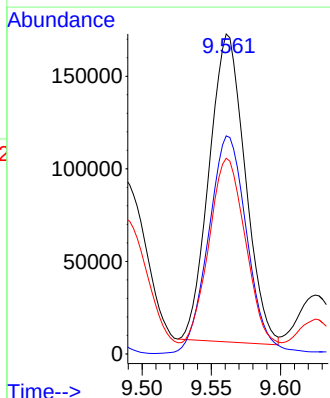
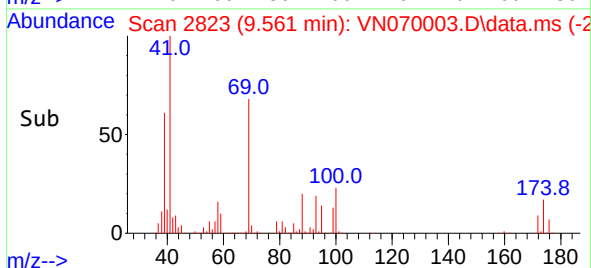
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

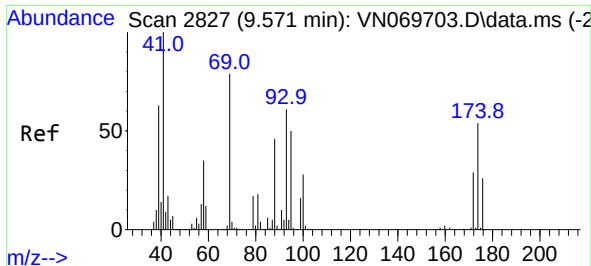


#48
Methyl methacrylate
Concen: 19.323 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion: 41 Resp: 300212
Ion Ratio Lower Upper
41 100
69 75.8 72.4 108.6
39 61.3 58.4 87.6





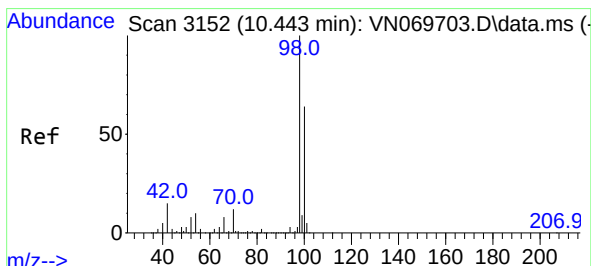
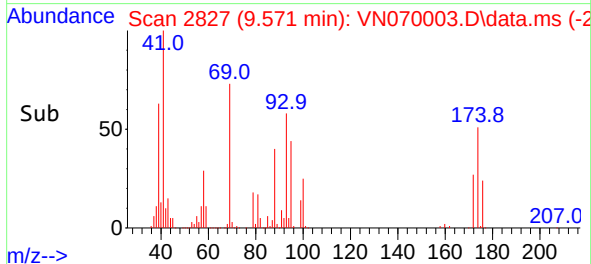
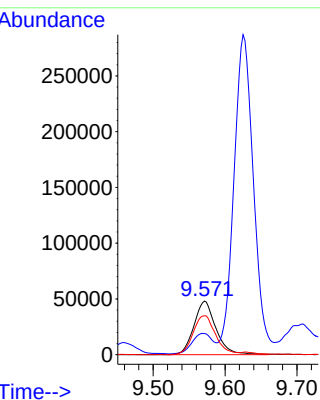
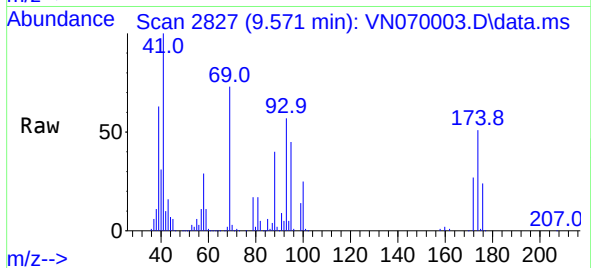
#49
1,4-Dioxane
Concen: 366.978 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion: 88 Resp: 10230
Ion Ratio Lower Upper
88 100
43 35.5 23.4 35.2
58 74.3 50.6 75.8

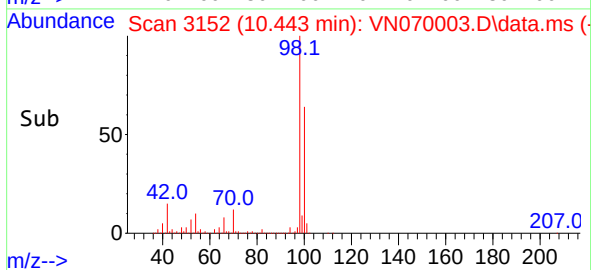
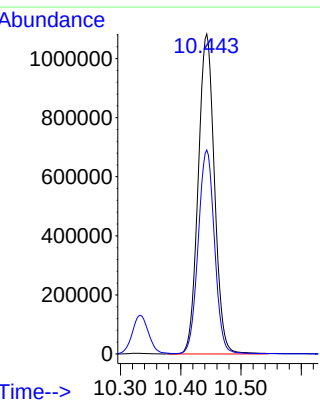
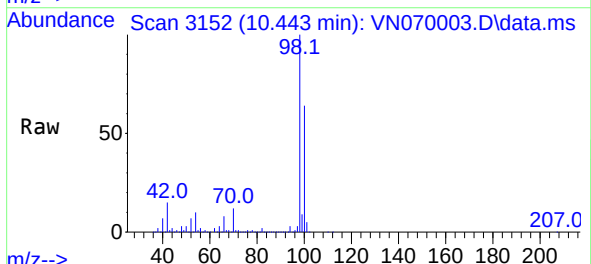
Manual Integrations
APPROVED

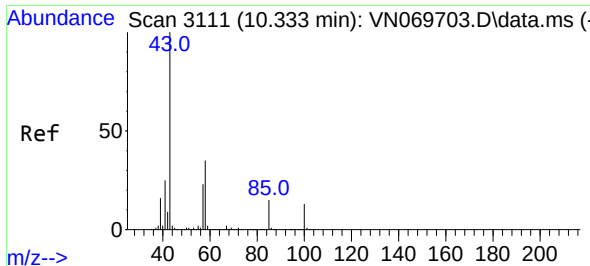
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#50
Toluene-d8
Concen: 50.877 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

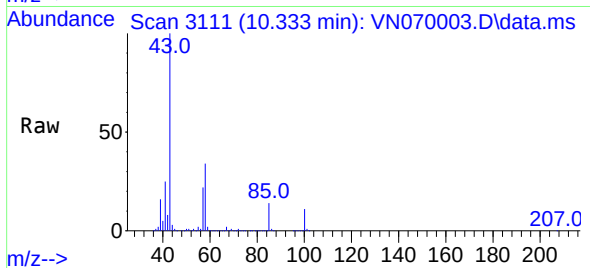
Tgt Ion: 98 Resp: 2031699
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 100.676 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

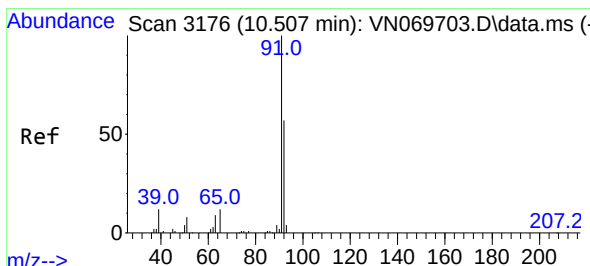
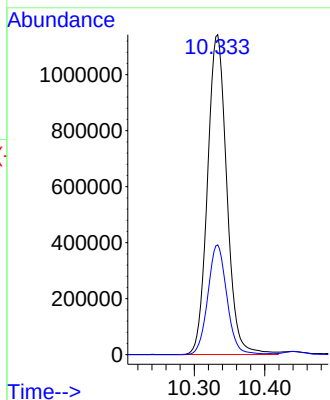
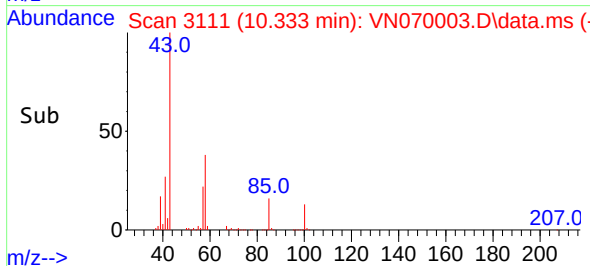
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



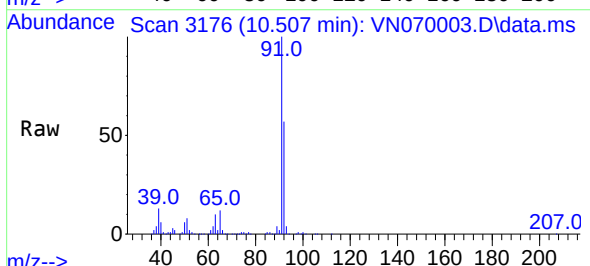
Tgt Ion: 43 Resp: 217429
Ion Ratio Lower Upper
43 100
58 33.9 30.4 45.6

Manual Integrations
APPROVED

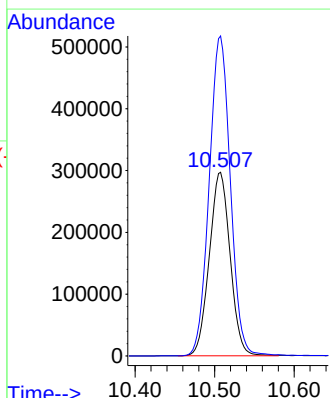
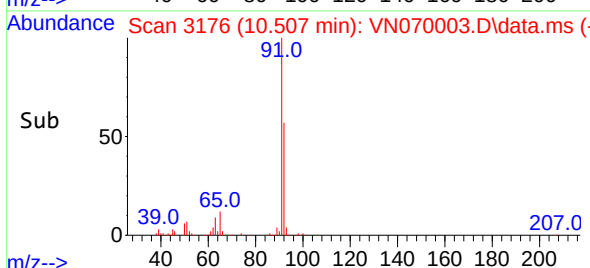
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

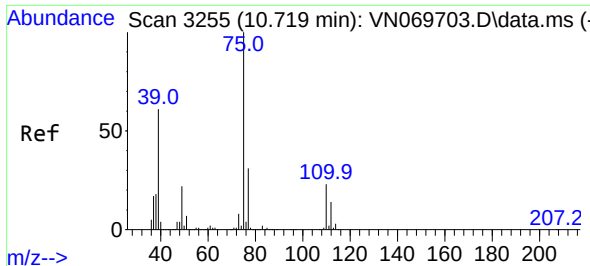


#52
Toluene
Concen: 19.160 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



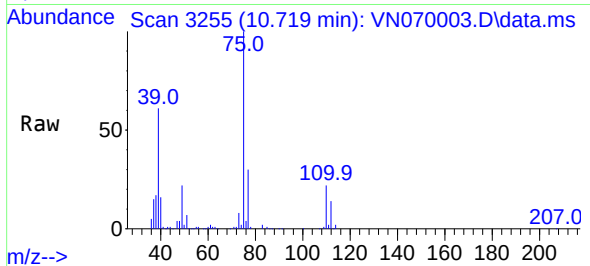
Tgt Ion: 92 Resp: 540430
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 20.036 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

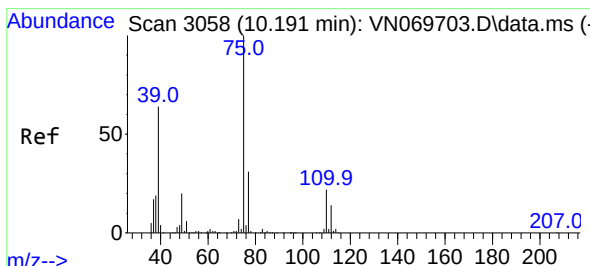
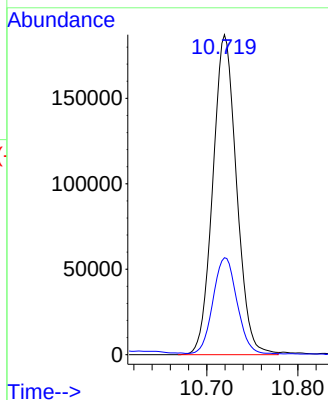
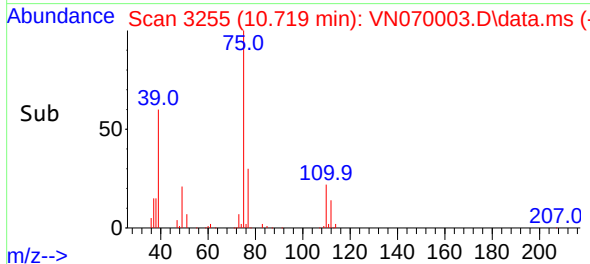
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



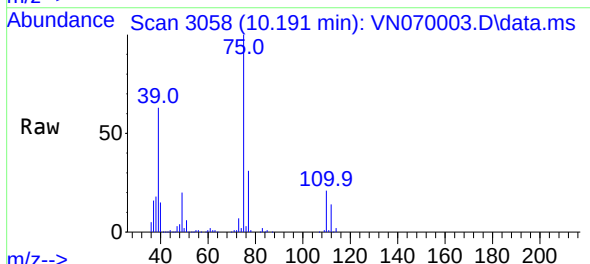
Tgt Ion: 75 Resp: 338430
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4

Manual Integrations
APPROVED

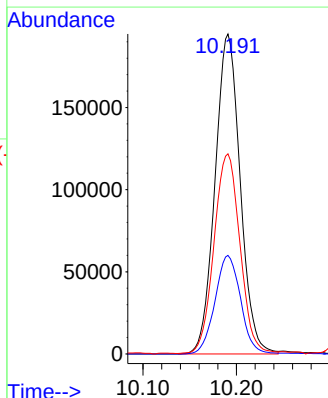
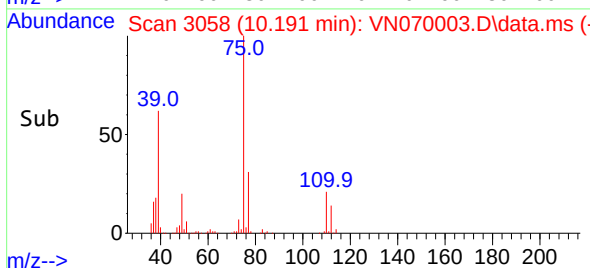
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

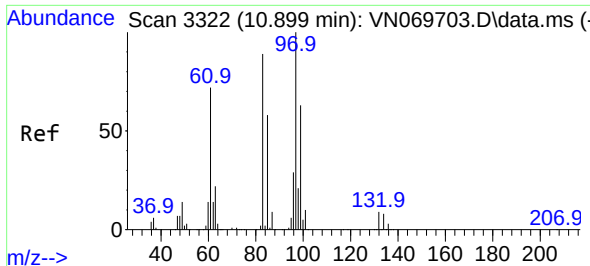


#54
cis-1,3-Dichloropropene
Concen: 20.027 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



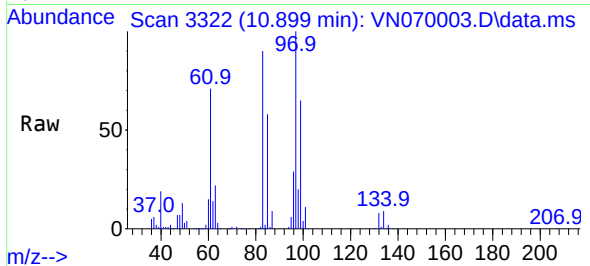
Tgt Ion: 75 Resp: 365218
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 62.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.621 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

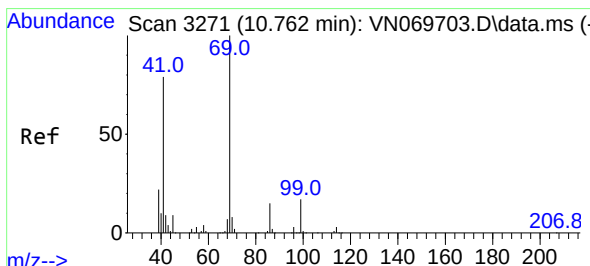
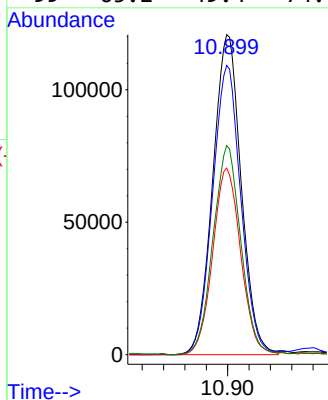
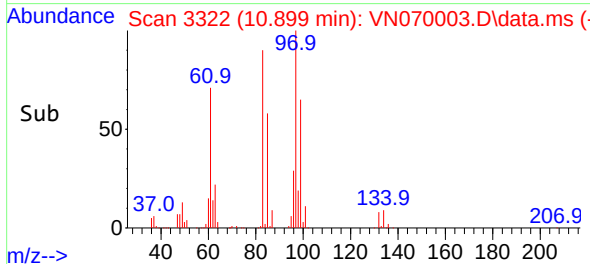
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



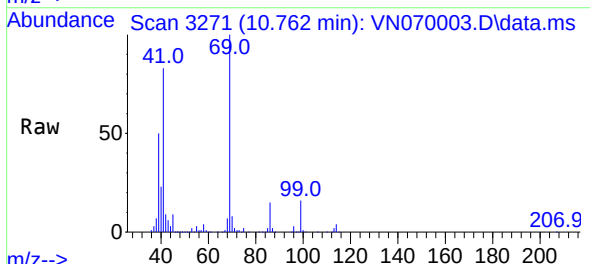
Tgt Ion: 97 Resp: 22329
Ion Ratio Lower Upper
97 100
83 90.4 67.8 101.6
85 58.1 45.4 68.2
99 65.2 49.4 74.0

Manual Integrations
APPROVED

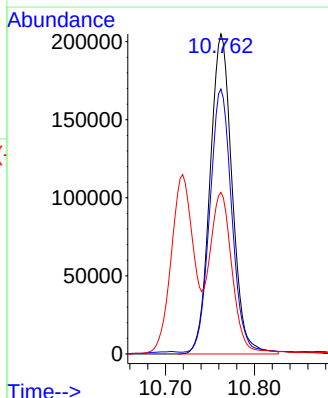
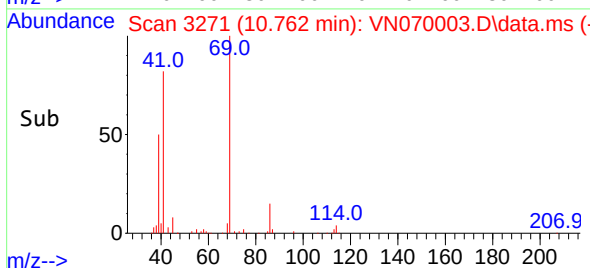
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

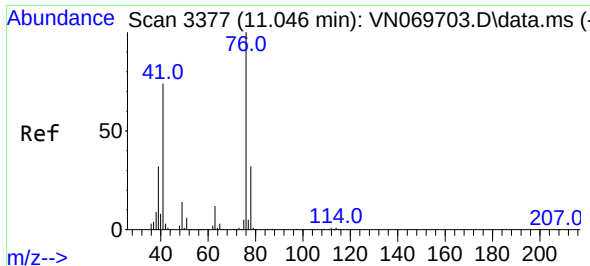


#56
Ethyl methacrylate
Concen: 17.991 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion: 69 Resp: 353492
Ion Ratio Lower Upper
69 100
41 81.5 51.4 77.0#
39 50.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.733 ug/l

RT: 11.047 min Scan# 3377

Delta R.T. 0.000 min

Lab File: VN070003.D

Acq: 11 Dec 2021 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1211MBS01

Tgt Ion: 76 Resp: 395428

Ion Ratio Lower Upper

76 100

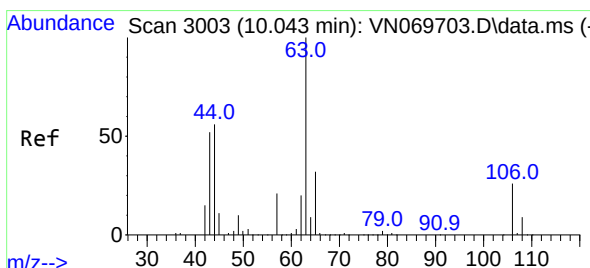
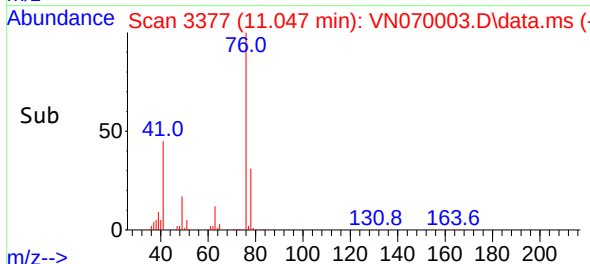
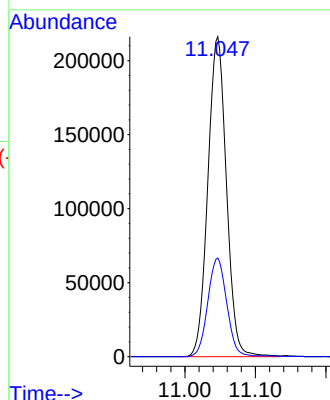
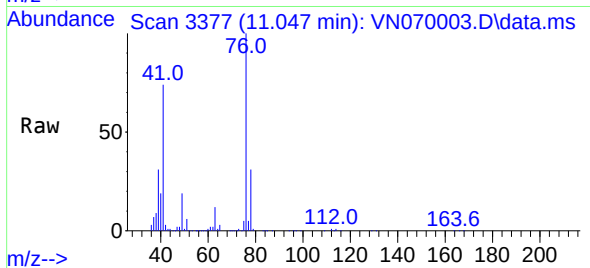
78 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 80.731 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN070003.D

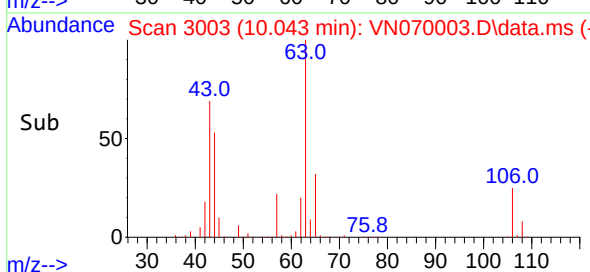
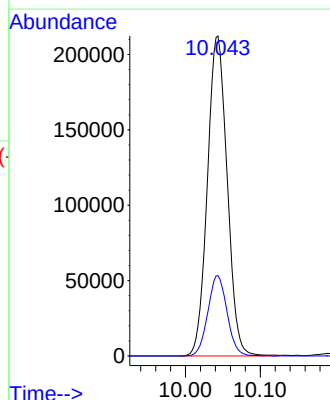
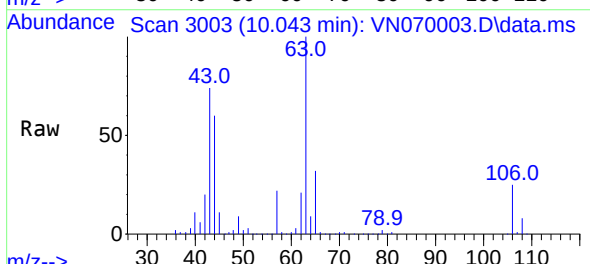
Acq: 11 Dec 2021 12:48

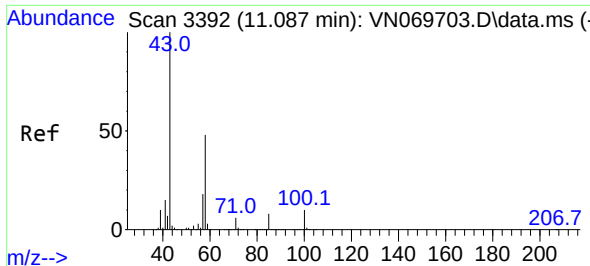
Tgt Ion: 63 Resp: 390209

Ion Ratio Lower Upper

63 100

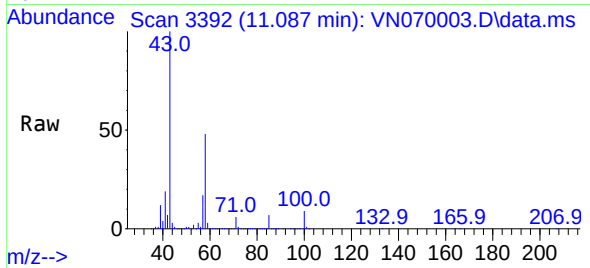
106 24.4 23.9 35.9





#59
2-Hexanone
Concen: 95.807 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

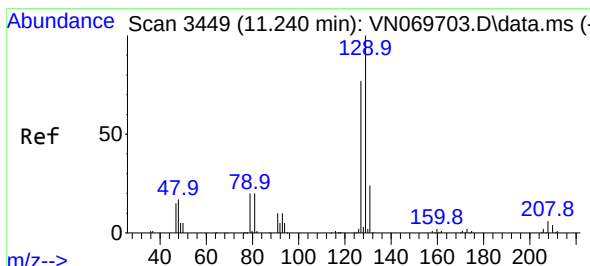
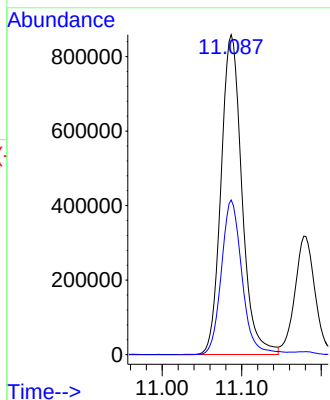
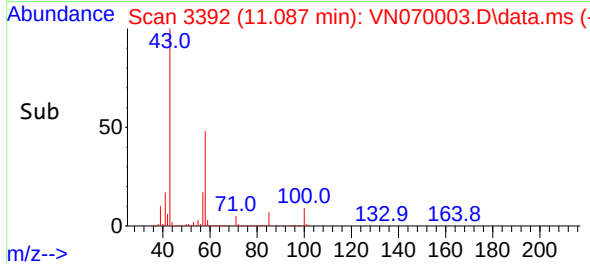
Instrument : MSVOA_N
ClientSampleId : VN1211MBS01



Tgt Ion: 43 Resp: 156523
Ion Ratio Lower Upper
43 100
58 47.9 26.9 80.7

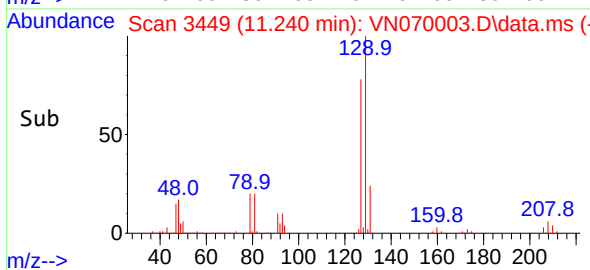
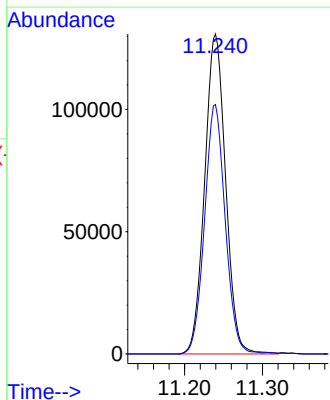
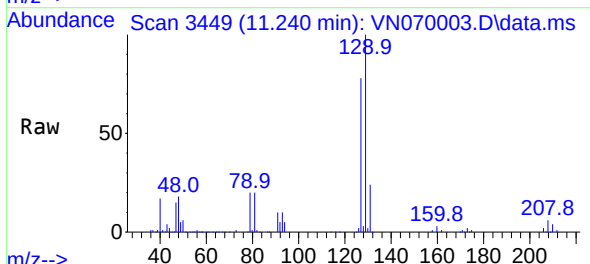
Manual Integrations
APPROVED

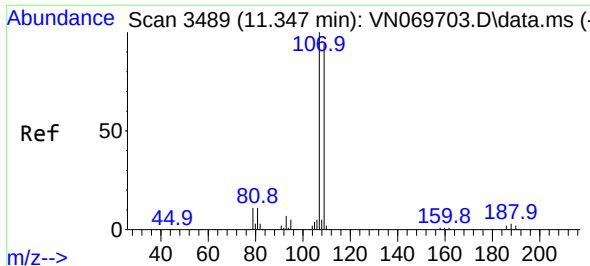
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 21.513 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

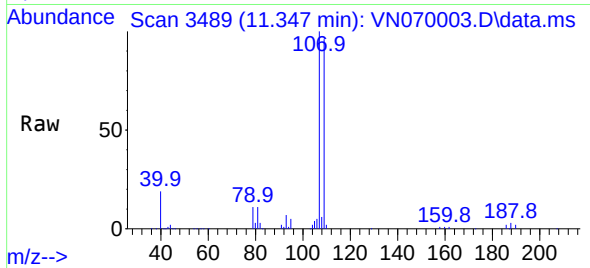
Tgt Ion:129 Resp: 244988
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.020 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

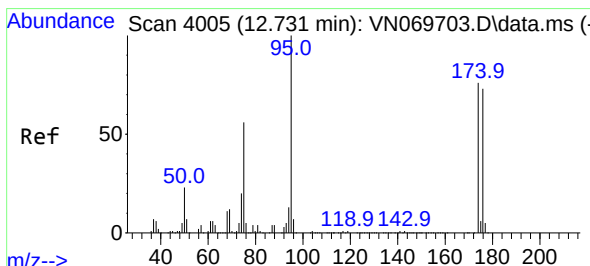
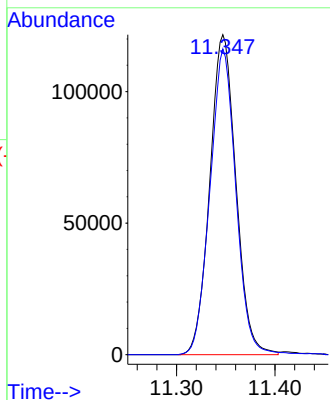
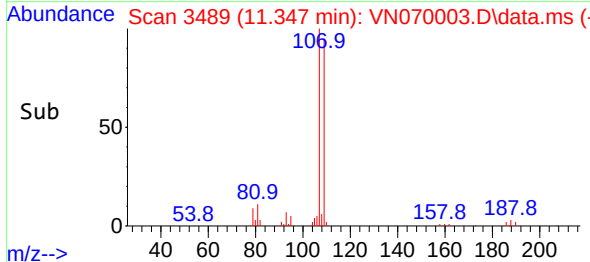
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



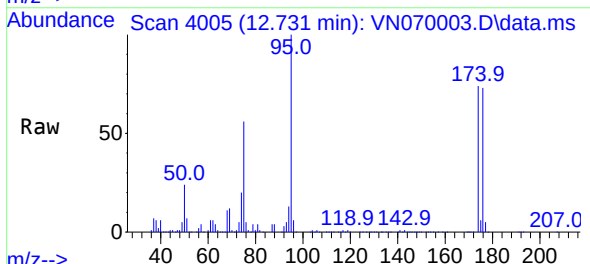
Tgt Ion:107 Resp: 22420
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5

Manual Integrations
APPROVED

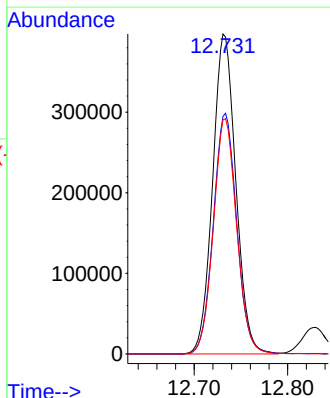
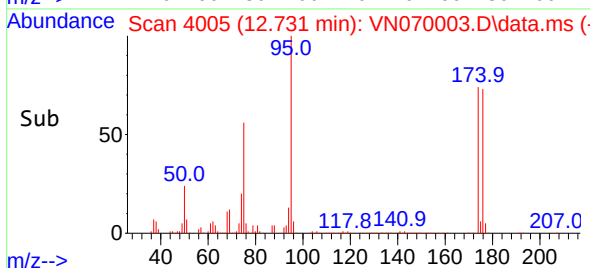
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

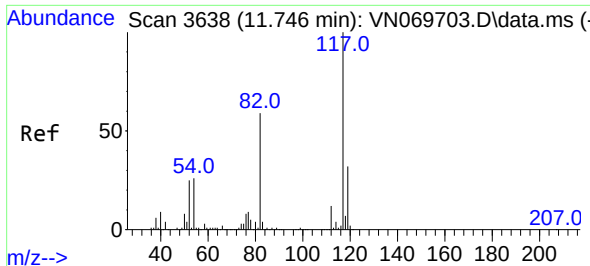


#62
4-Bromofluorobenzene
Concen: 47.312 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



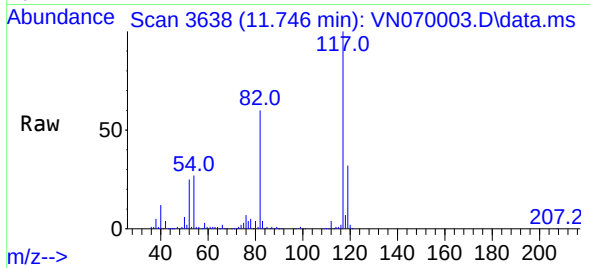
Tgt Ion: 95 Resp: 684463
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 74.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

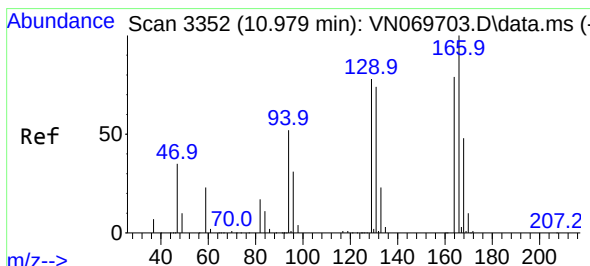
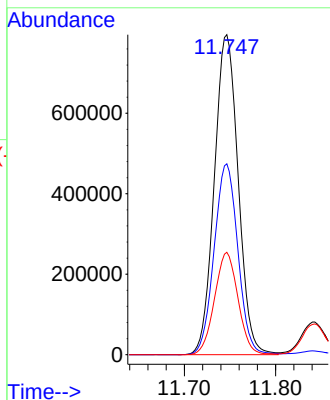
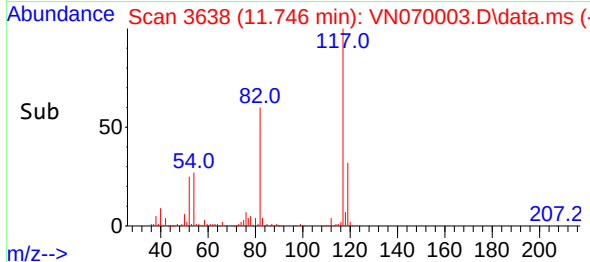
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



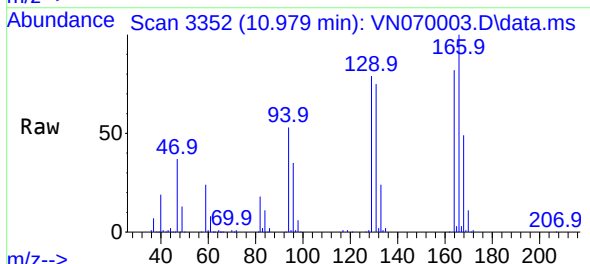
Tgt Ion:117 Resp: 144886
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

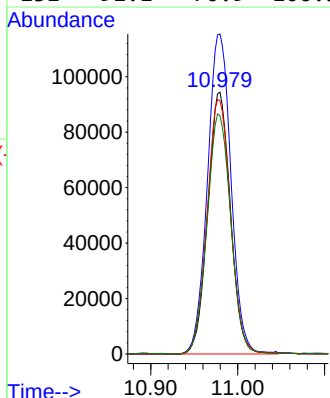
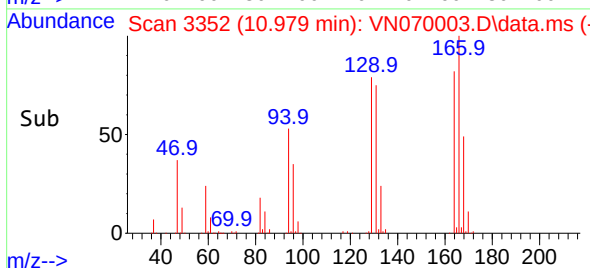
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

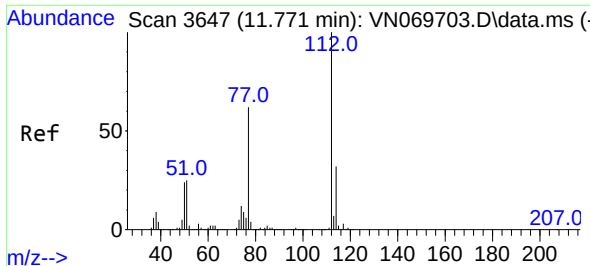


#64
Tetrachloroethene
Concen: 17.473 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion:164 Resp: 171664
Ion Ratio Lower Upper
164 100
166 122.2 101.9 152.9
129 96.7 72.0 108.0
131 91.1 70.9 106.3





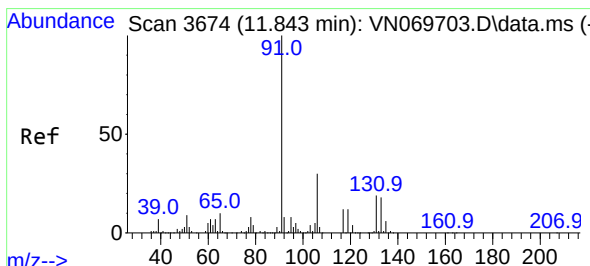
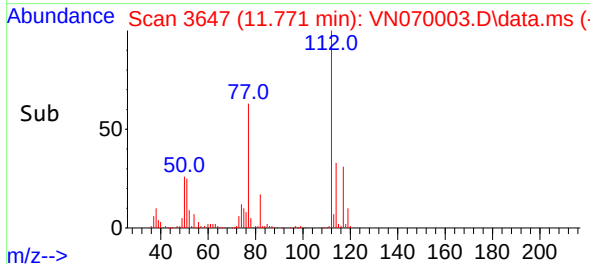
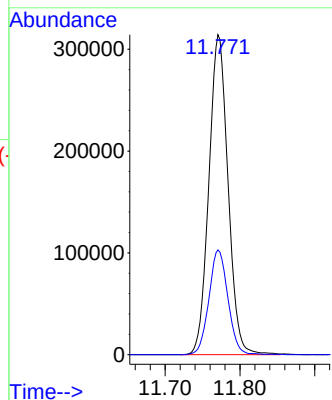
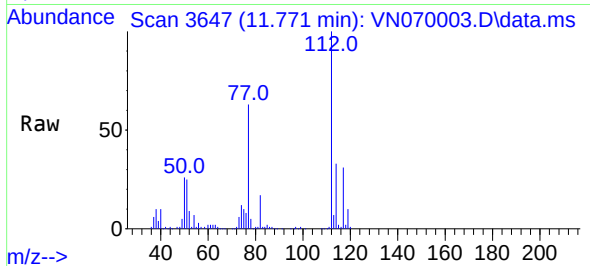
#65
Chlorobenzene
Concen: 19.037 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion:112 Resp: 559562
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

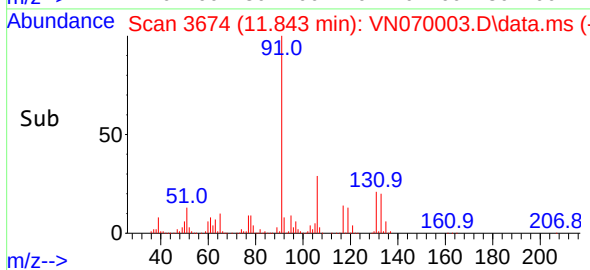
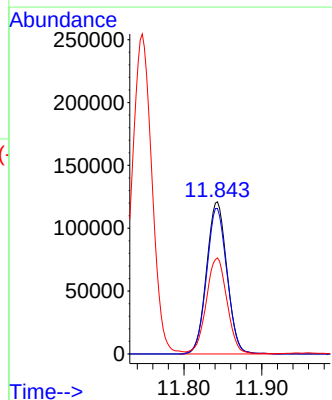
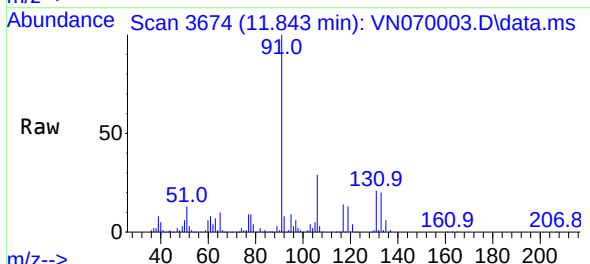
Manual Integrations
APPROVED

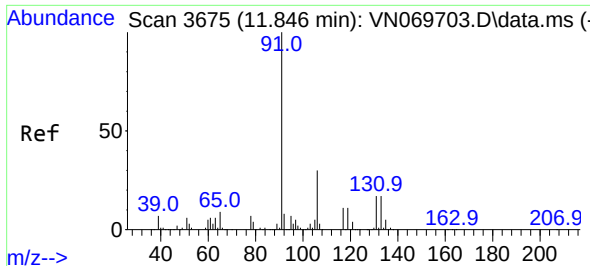
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.298 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

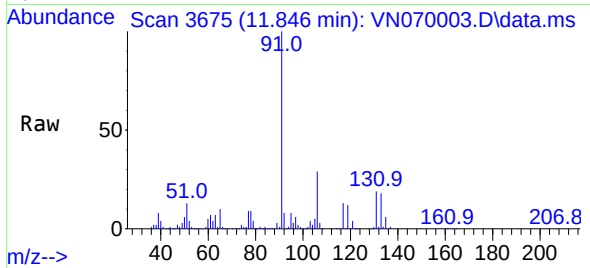
Tgt Ion:131 Resp: 220341
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 63.8 32.1 96.5





#67
Ethyl Benzene
Concen: 19.245 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

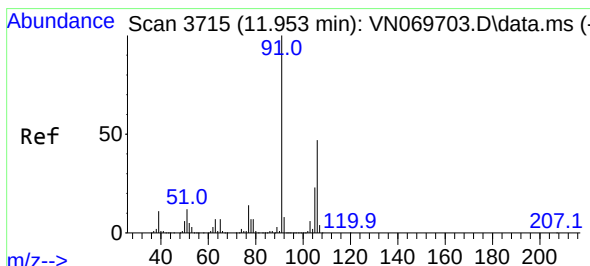
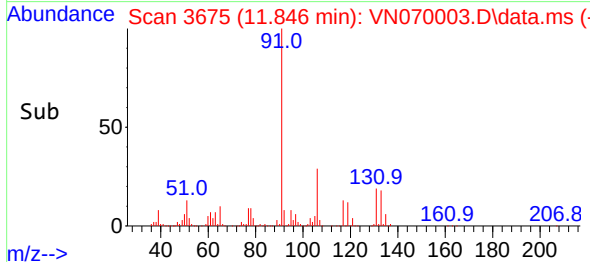
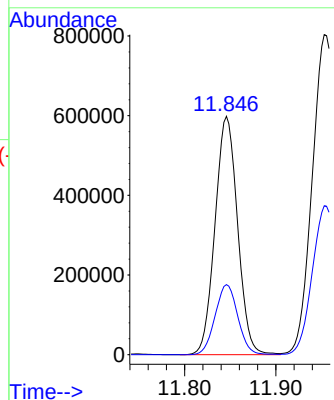
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



Tgt Ion: 91 Resp: 102752
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

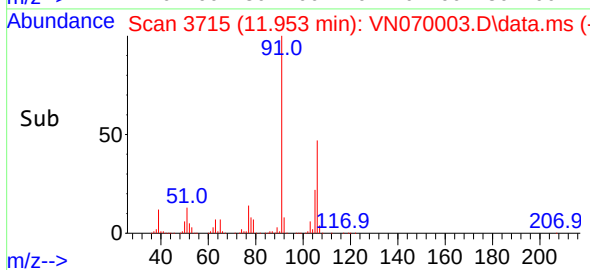
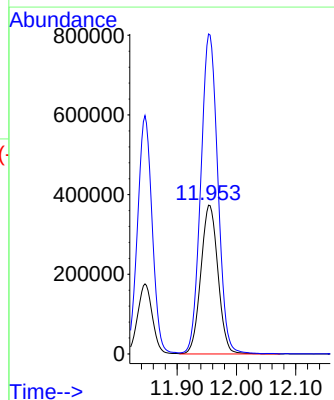
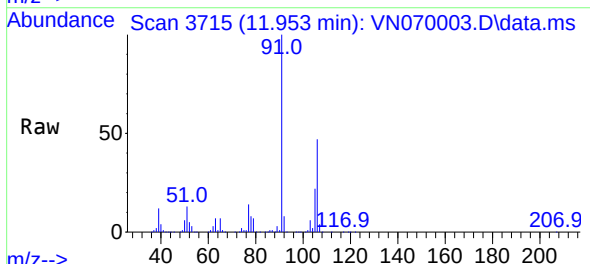
Manual Integrations
APPROVED

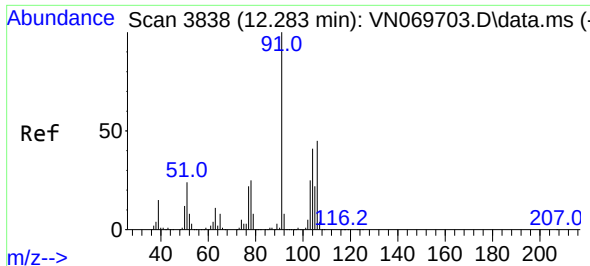
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 38.529 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Tgt Ion:106 Resp: 749012
Ion Ratio Lower Upper
106 100
91 213.6 160.6 240.8





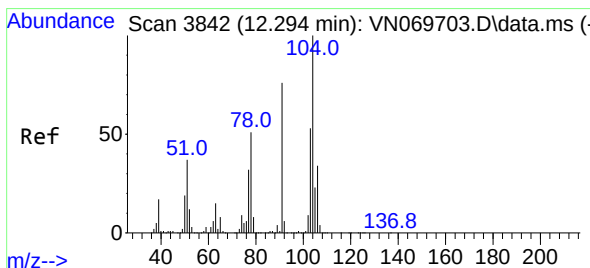
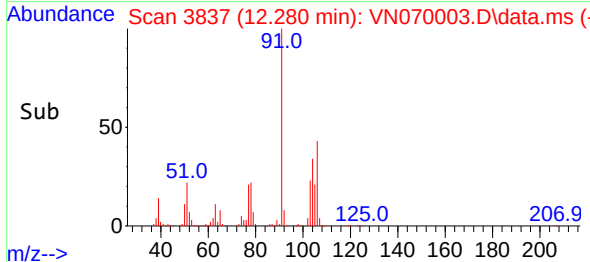
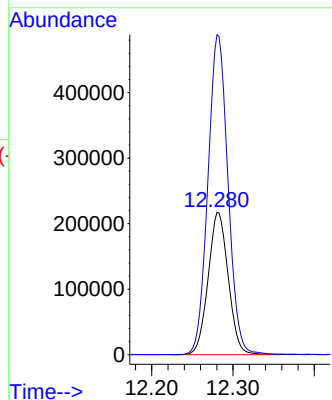
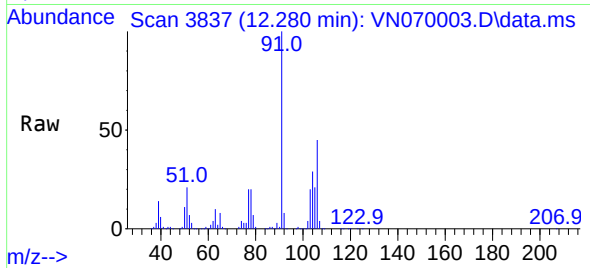
#69
o-Xylene
Concen: 19.067 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion:106 Resp: 37336
Ion Ratio Lower Upper
106 100
91 224.7 105.8 317.3

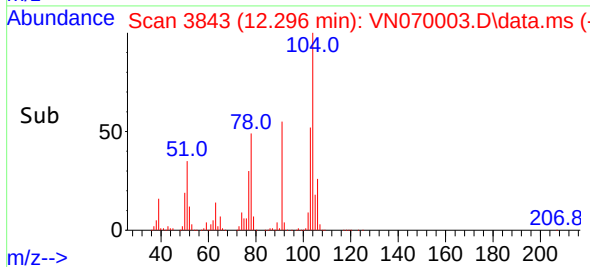
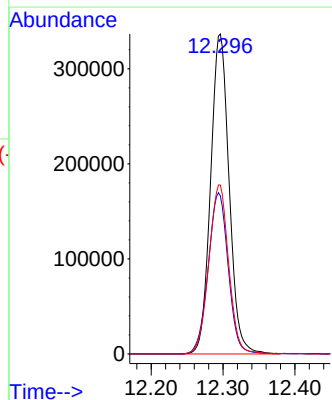
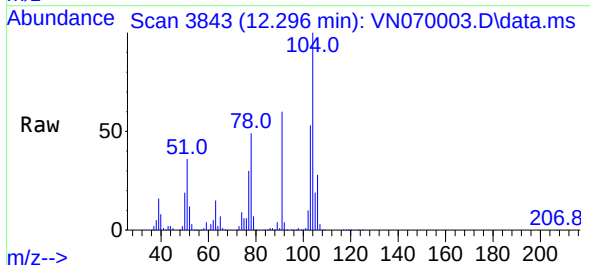
Manual Integrations
APPROVED

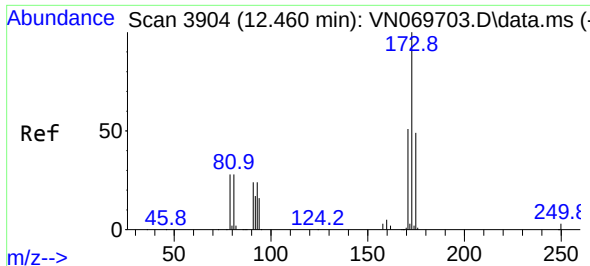
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 19.421 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Tgt Ion:104 Resp: 603046
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 56.5 45.0 67.6





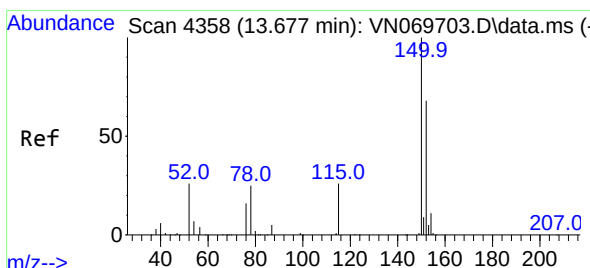
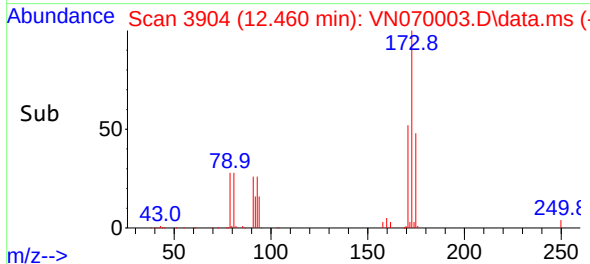
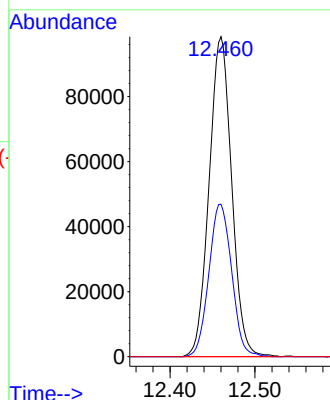
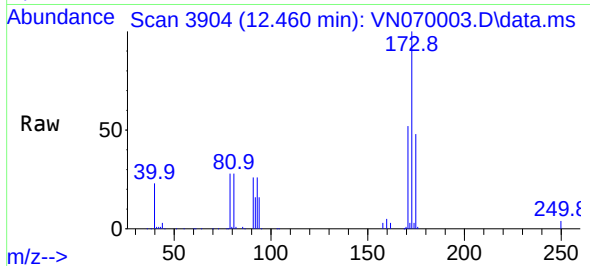
#71
Bromoform
Concen: 22.140 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion:173 Resp: 181658
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

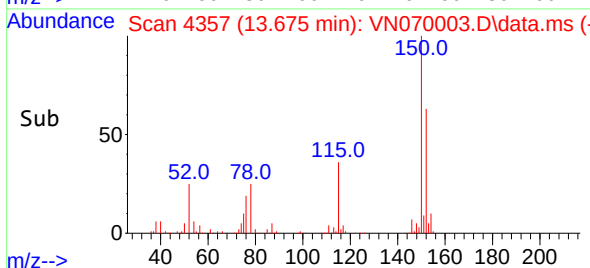
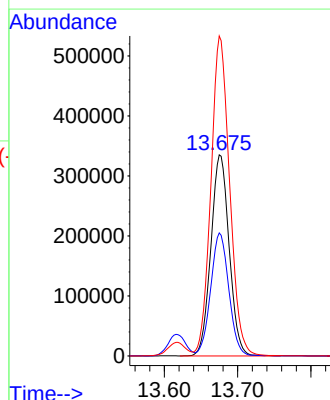
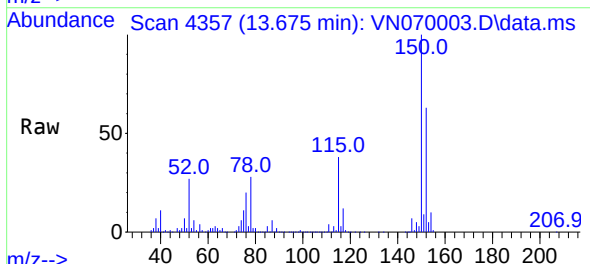
Manual Integrations
APPROVED

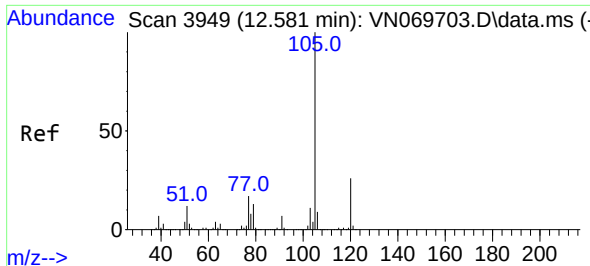
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

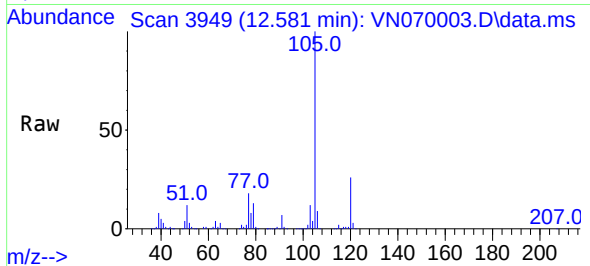
Tgt Ion:152 Resp: 580778
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 163.1 0.0 344.4





#73
Isopropylbenzene
Concen: 18.629 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

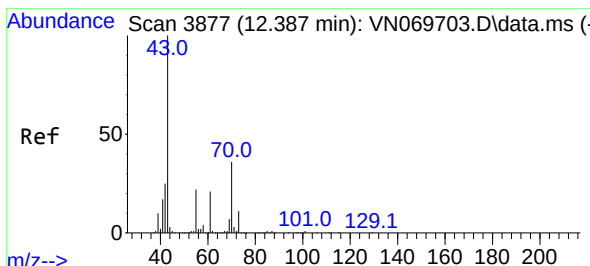
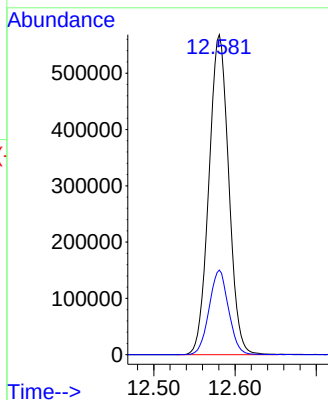
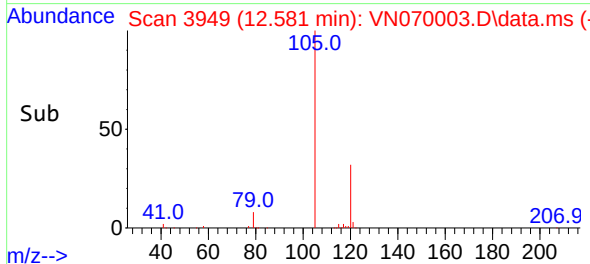
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



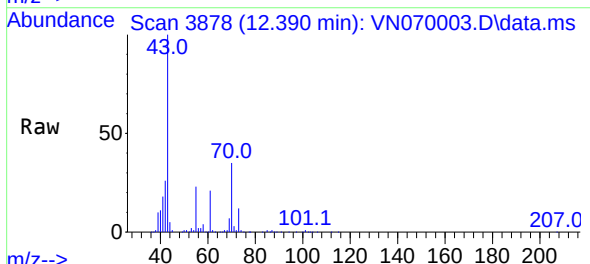
Tgt Ion:105 Resp: 96259
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
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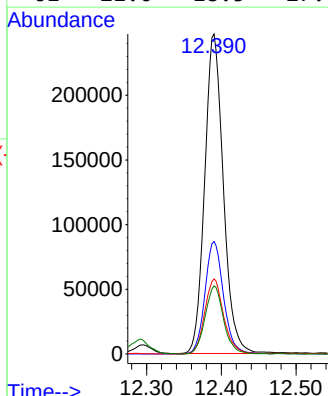
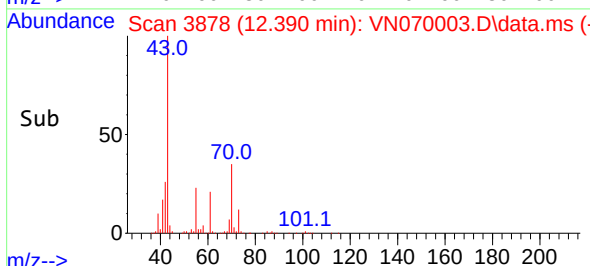
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

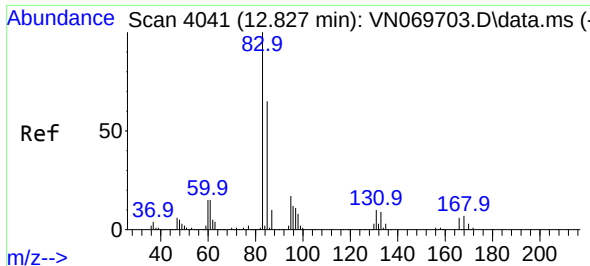


#74
N-ethyl acetate
Concen: 18.794 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



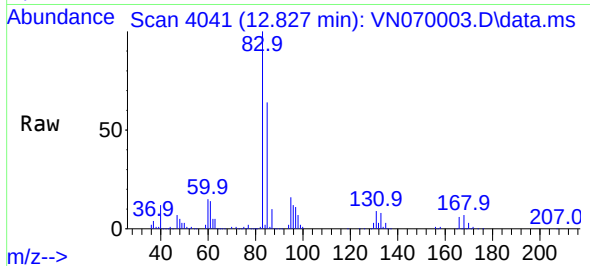
Tgt Ion: 43 Resp: 429480
Ion Ratio Lower Upper
43 100
70 34.9 33.4 50.0
55 23.9 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.286 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

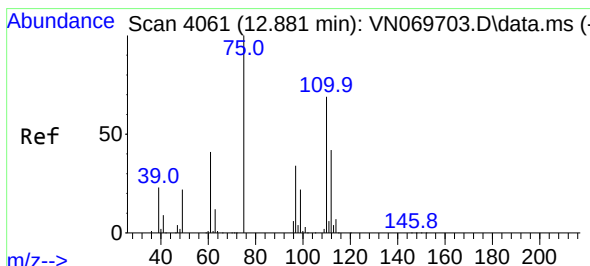
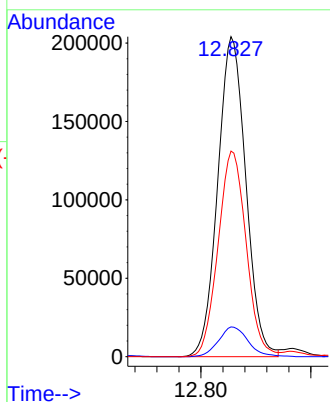
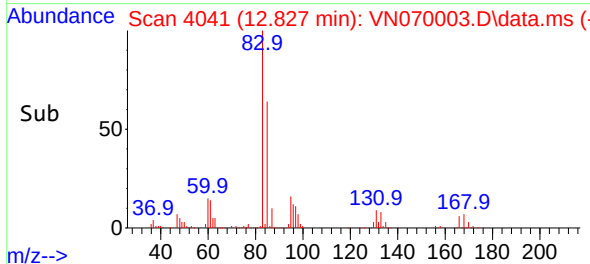
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



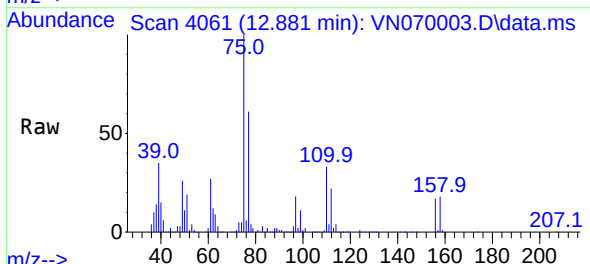
Tgt Ion: 83 Resp: 362485
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

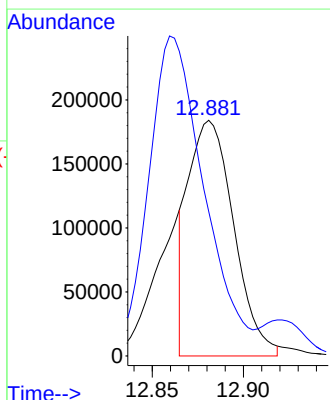
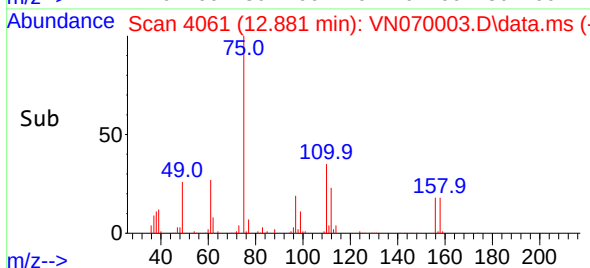
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

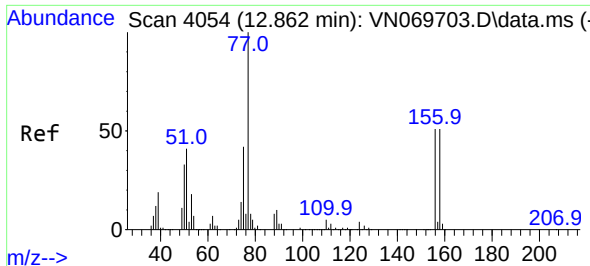


#76
1,2,3-Trichloropropane
Concen: 19.097 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



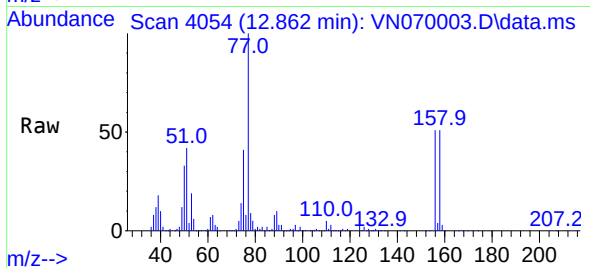
Tgt Ion: 75 Resp: 318063
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 18.792 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

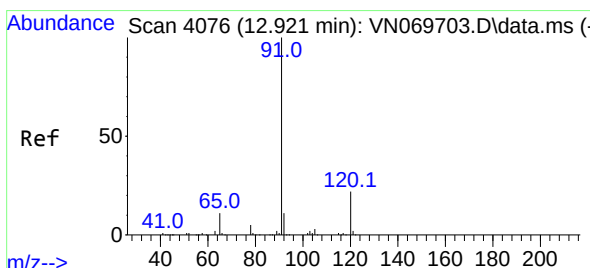
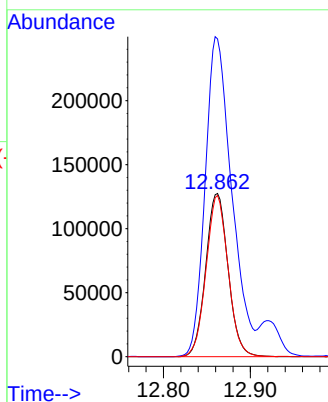
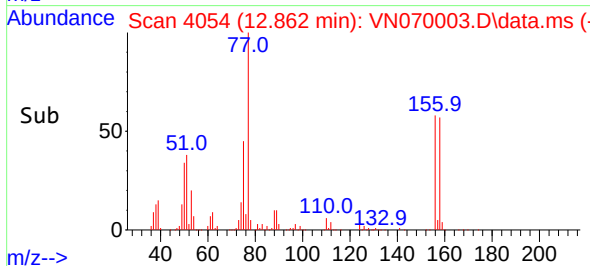
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



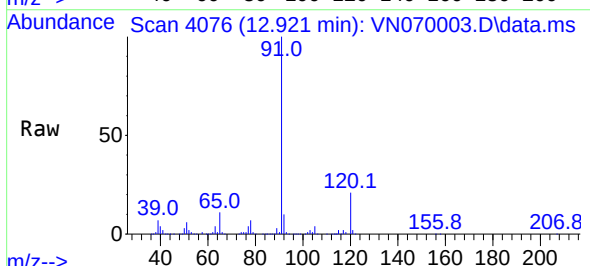
Tgt Ion:156 Resp: 22808
Ion Ratio Lower Upper
156 100
77 231.5 90.6 271.8
158 97.3 48.9 146.7

Manual Integrations
APPROVED

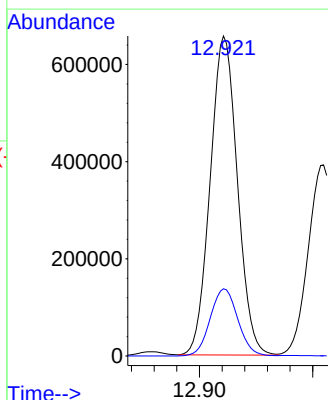
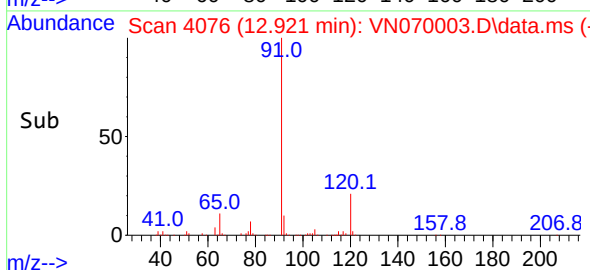
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

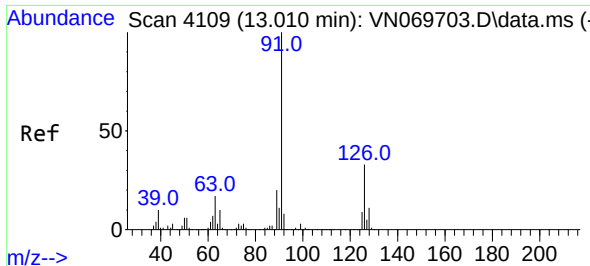


#78
n-propylbenzene
Concen: 19.023 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion: 91 Resp: 1093826
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9





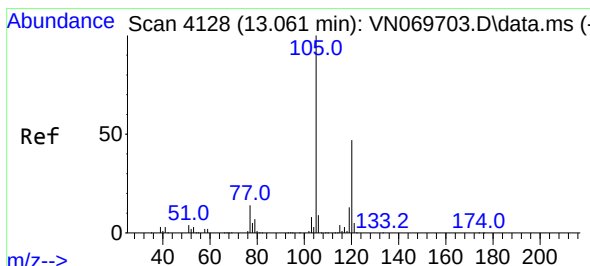
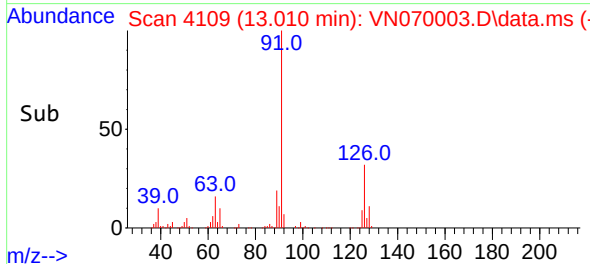
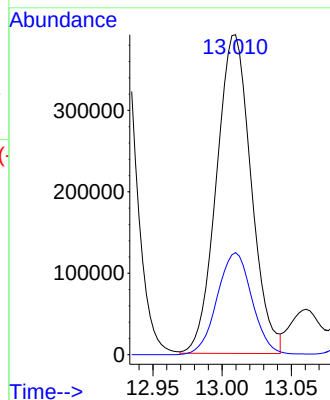
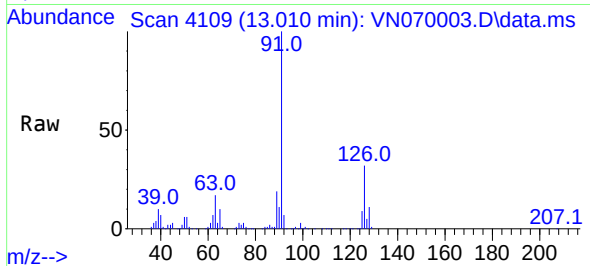
#79
2-Chlorotoluene
Concen: 18.757 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion: 91 Resp: 681498
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

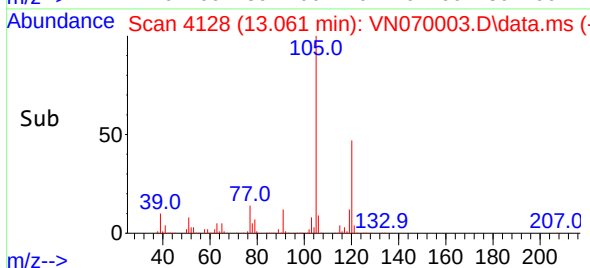
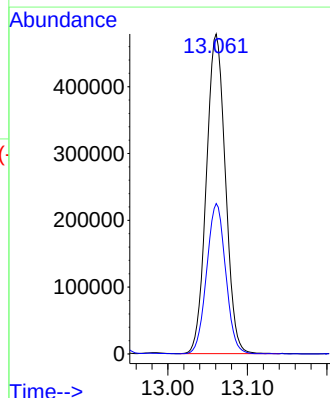
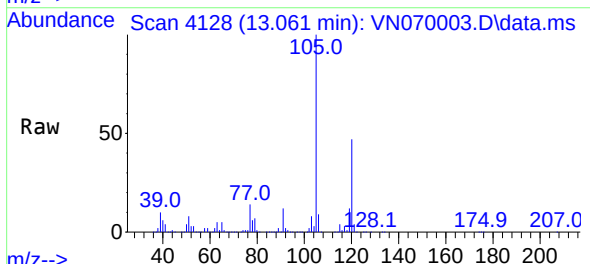
Manual Integrations
APPROVED

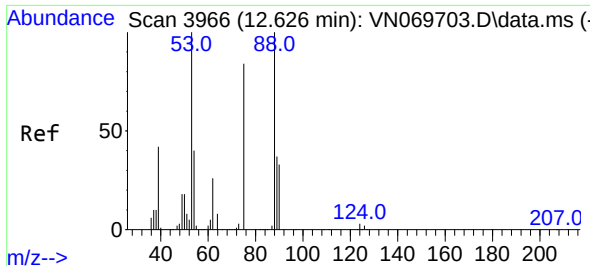
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.118 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

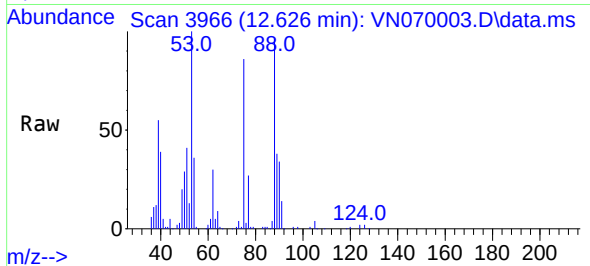
Tgt Ion:105 Resp: 795141
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 22.090 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

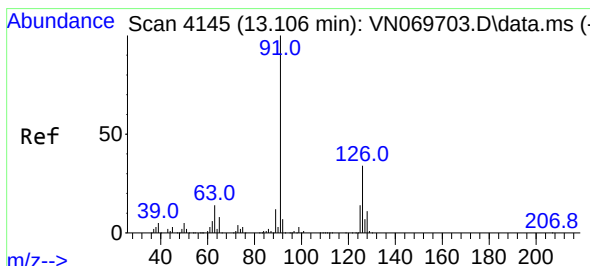
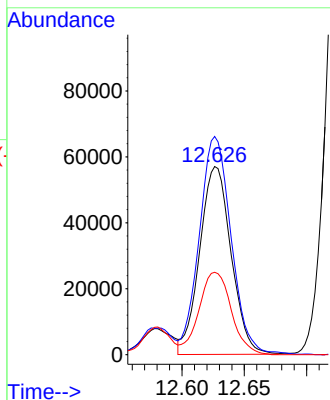
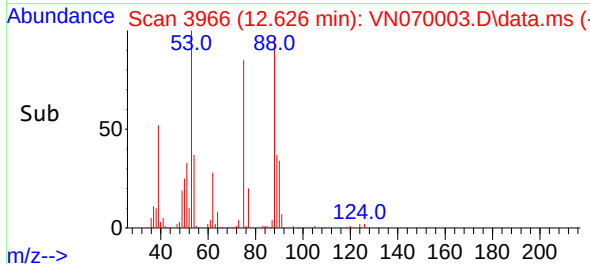
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



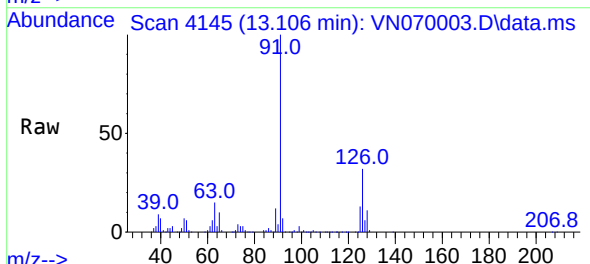
Tgt Ion: 75 Resp: 99860
Ion Ratio Lower Upper
75 100
53 117.4 90.5 135.7
89 44.9 38.2 57.4

Manual Integrations
APPROVED

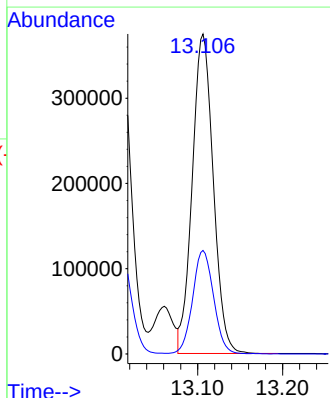
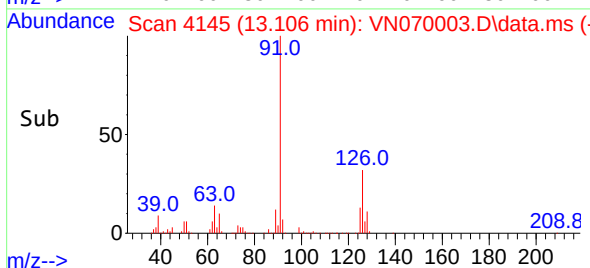
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

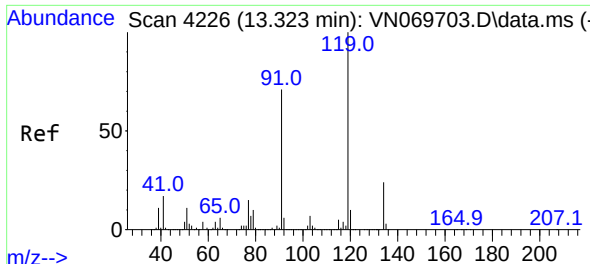


#82
4-Chlorotoluene
Concen: 18.816 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion: 91 Resp: 642921
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





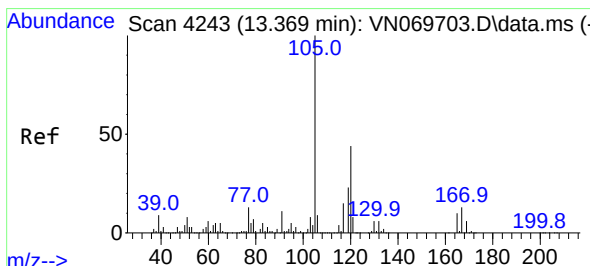
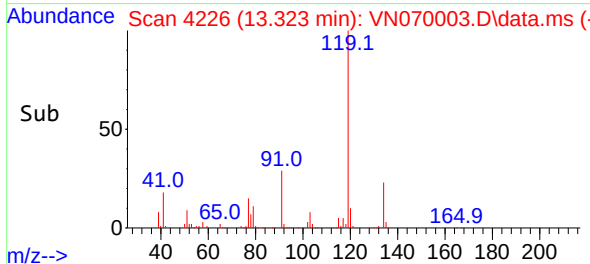
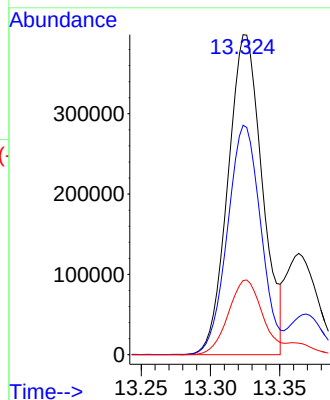
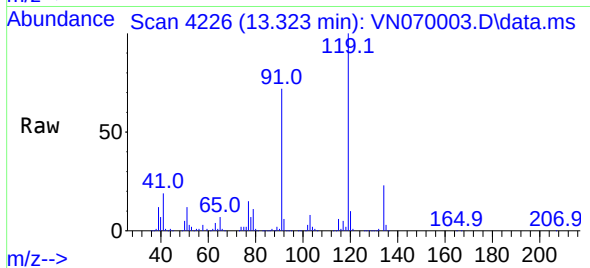
#83
tert-Butylbenzene
Concen: 18.656 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion:119 Resp: 687059
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 23.4 12.4 37.4

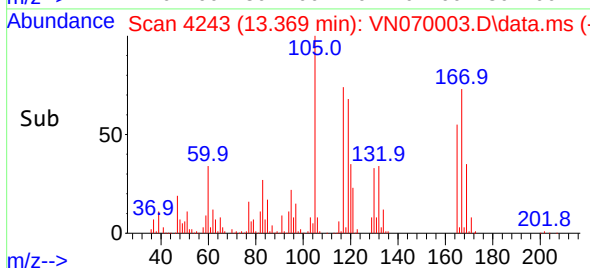
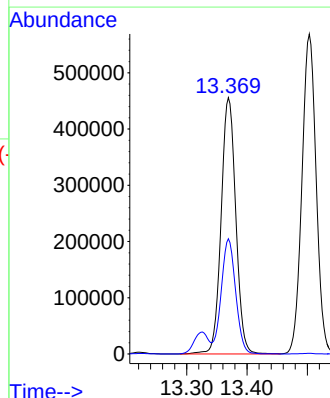
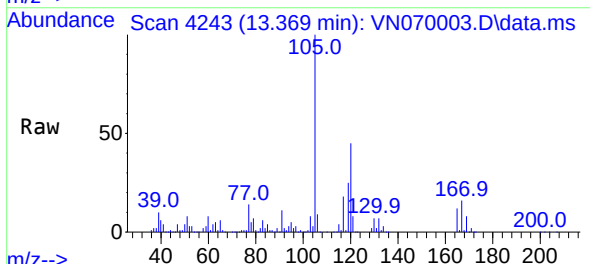
Manual Integrations
APPROVED

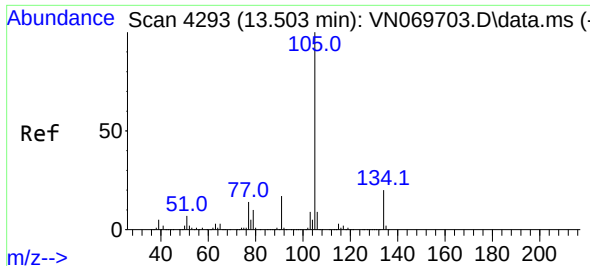
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 19.461 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Tgt Ion:105 Resp: 770823
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





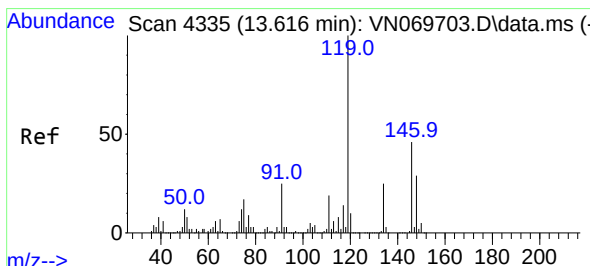
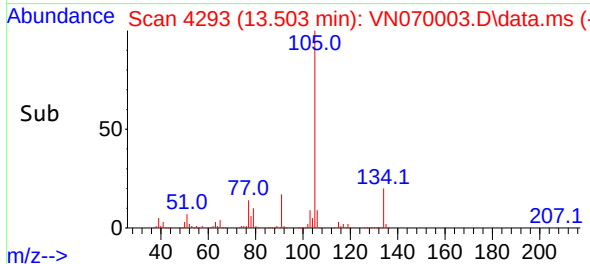
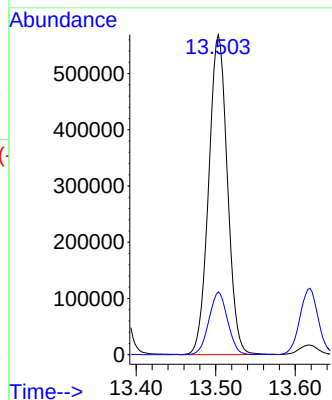
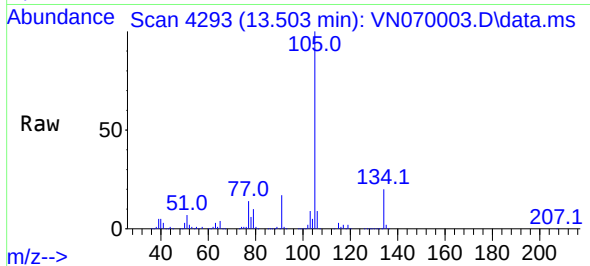
#85
 sec-Butylbenzene
 Concen: 18.635 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070003.D
 Acq: 11 Dec 2021 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211MBS01

Tgt Ion:105 Resp: 930862
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

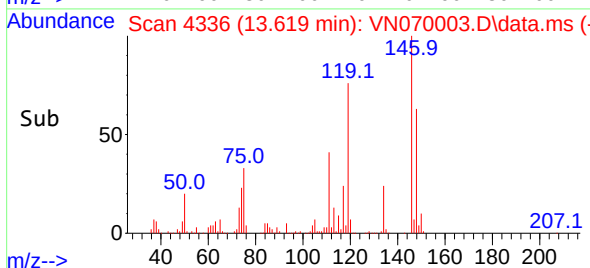
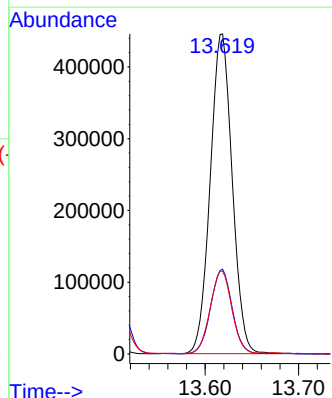
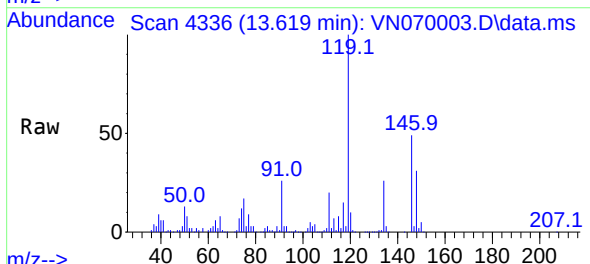
Manual Integrations
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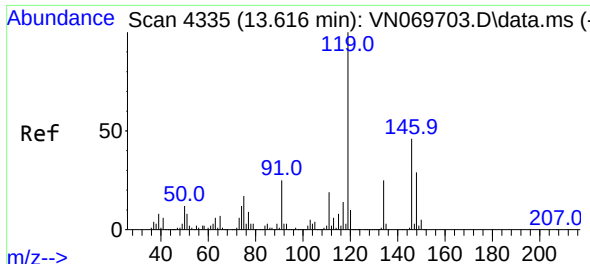
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 18.639 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN070003.D
 Acq: 11 Dec 2021 12:48

Tgt Ion:119 Resp: 727767
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.5 11.4 34.1





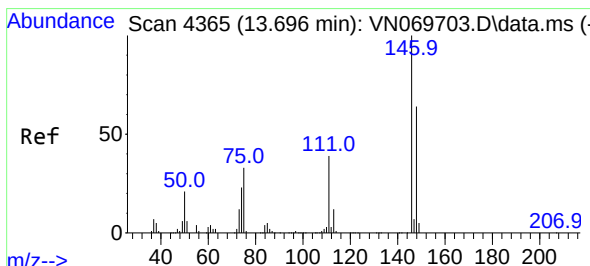
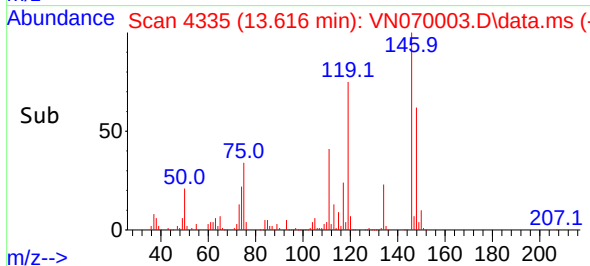
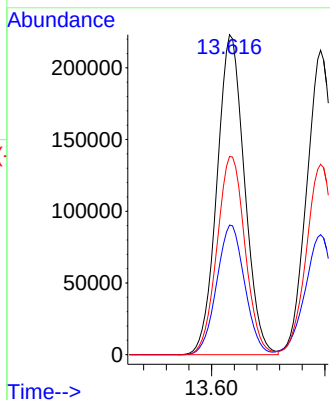
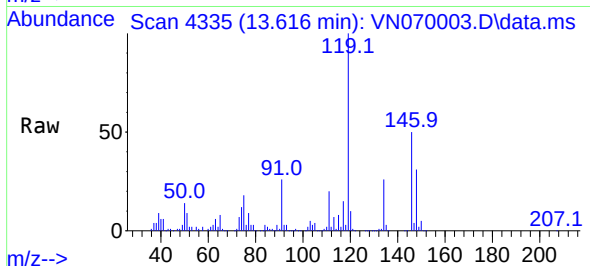
#87
1,3-Dichlorobenzene
Concen: 18.884 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion:146 Resp: 37654
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 63.2 31.6 95.0

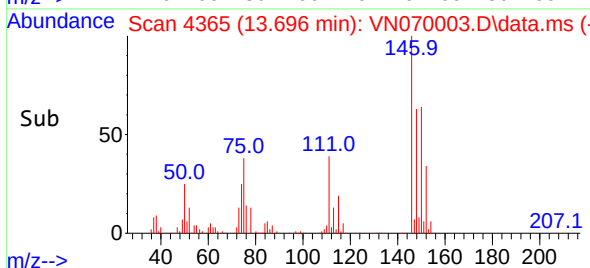
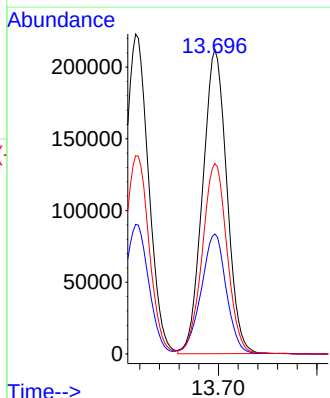
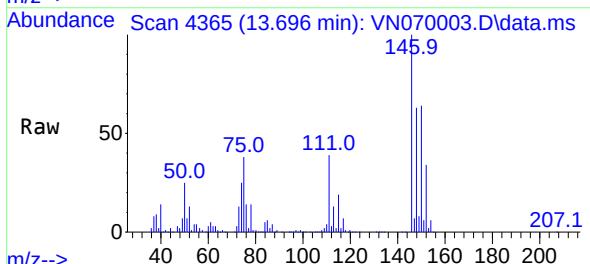
Manual Integrations
APPROVED

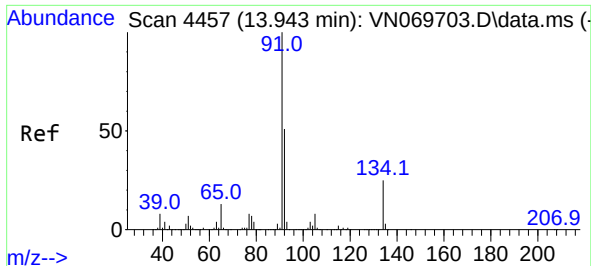
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 18.472 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

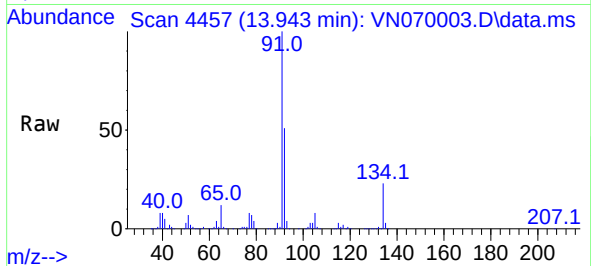
Tgt Ion:146 Resp: 361964
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 17.885 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

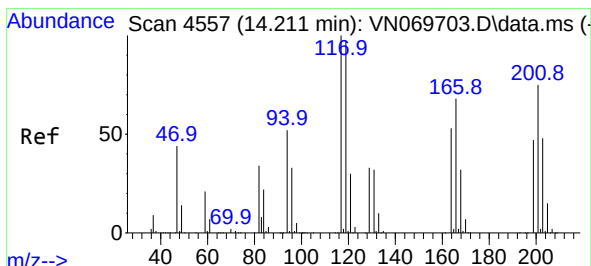
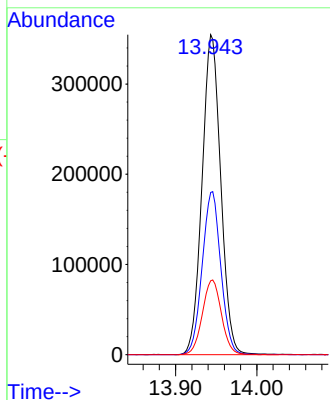
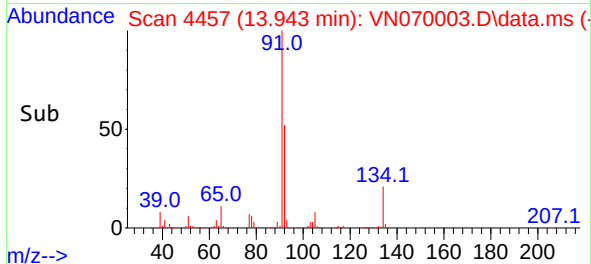
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



Tgt Ion: 91 Resp: 56649
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 23.8 13.6 40.8

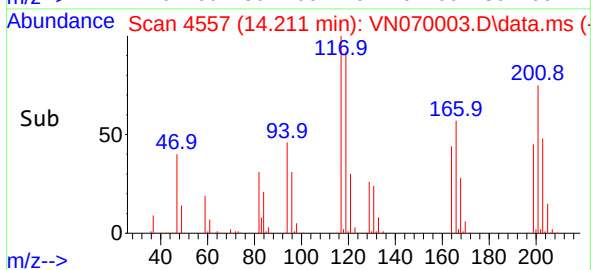
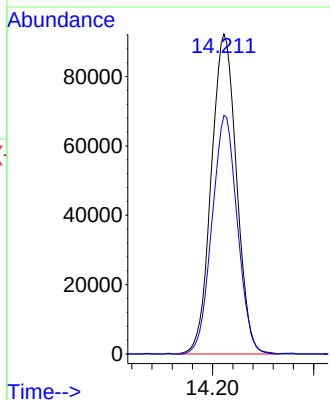
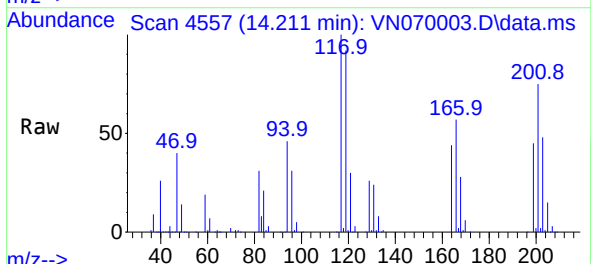
Manual Integrations
APPROVED

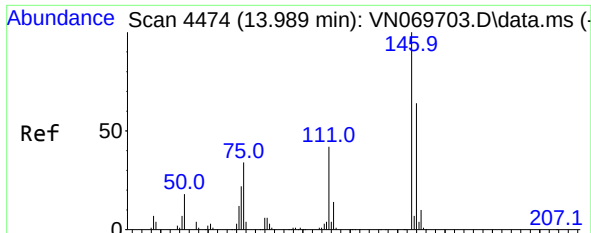
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 23.329 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

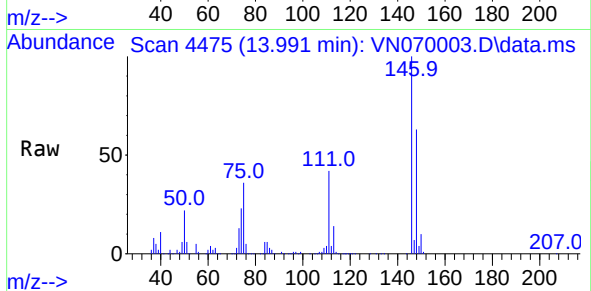
Tgt Ion:117 Resp: 159927
Ion Ratio Lower Upper
117 100
201 75.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.961 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

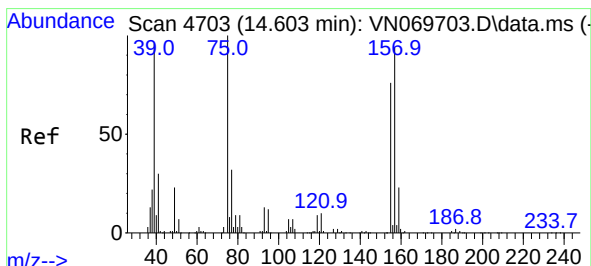
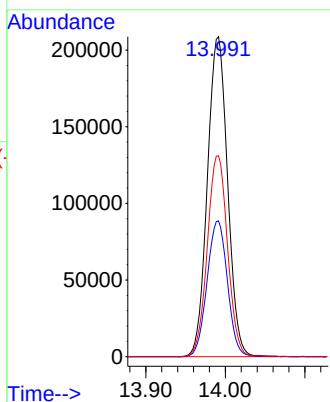
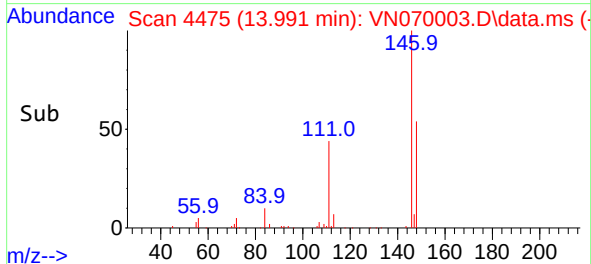
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



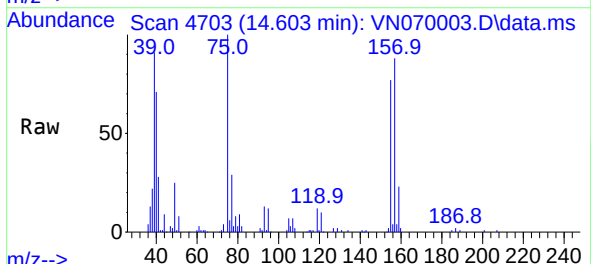
Tgt Ion:146 Resp: 36837
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.1 32.1 96.3

Manual Integrations
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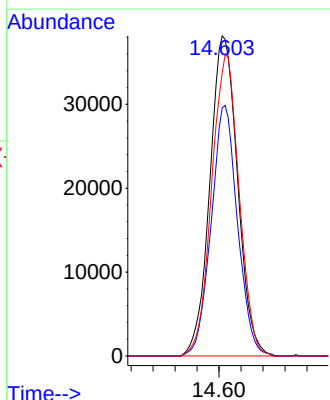
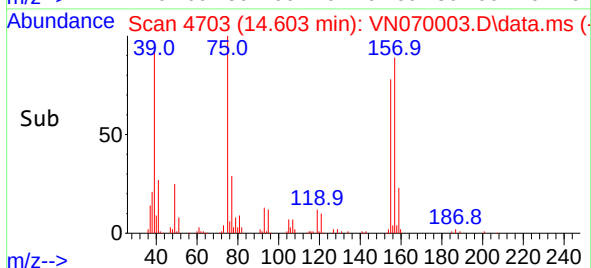
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

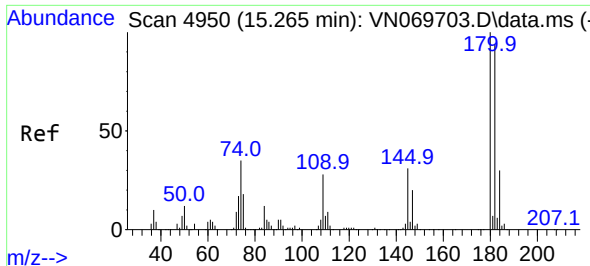


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.654 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



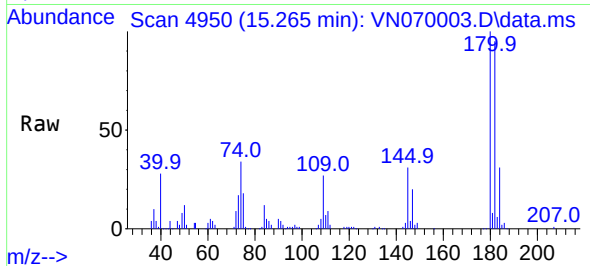
Tgt Ion: 75 Resp: 66688
Ion Ratio Lower Upper
75 100
155 74.4 46.9 140.7
157 93.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.794 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

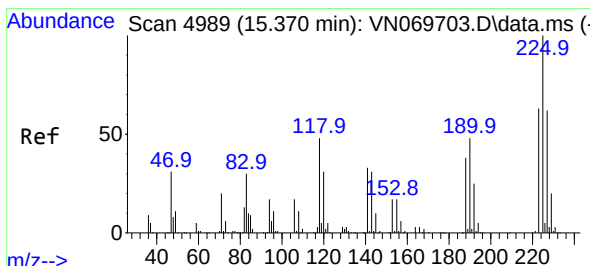
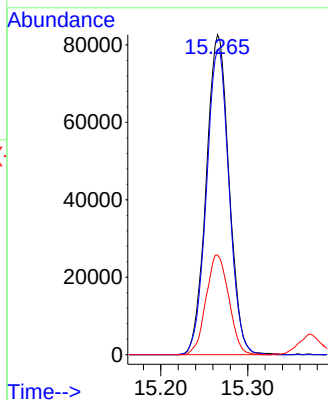
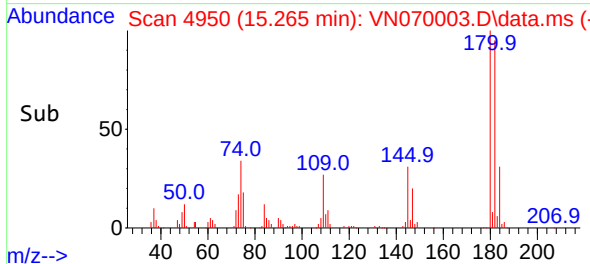
Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01



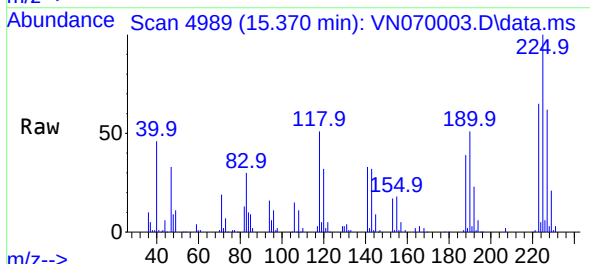
Tgt Ion:180 Resp: 150810
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 31.1 14.5 43.5

Manual Integrations
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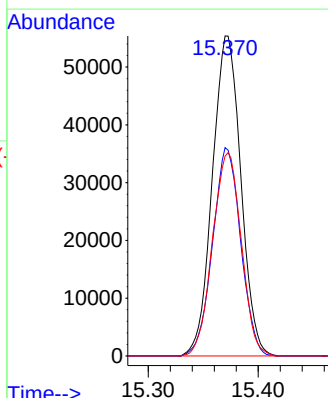
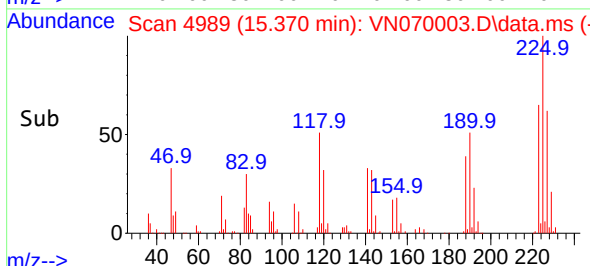
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

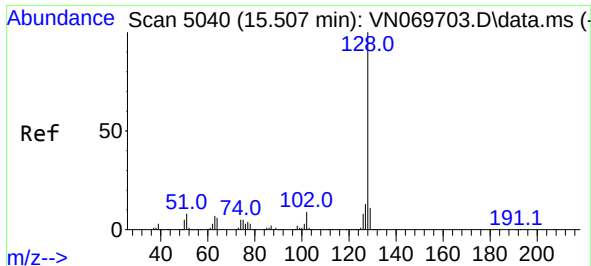


#94
Hexachlorobutadiene
Concen: 19.339 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48



Tgt Ion:225 Resp: 99576
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 64.3 32.1 96.3





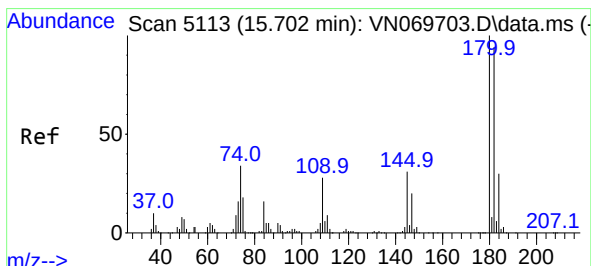
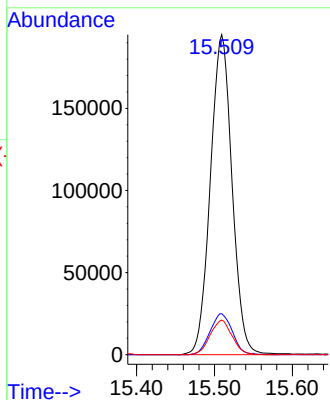
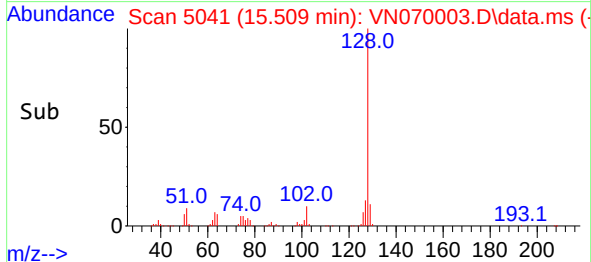
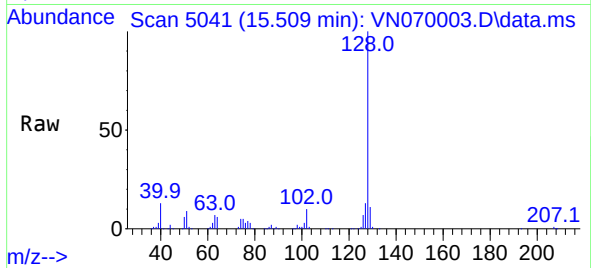
#95
Naphthalene
Concen: 16.187 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1211MBS01

Tgt Ion:128 Resp: 376300
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.356 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070003.D
Acq: 11 Dec 2021 12:48

Tgt Ion:180 Resp: 145655
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 33.3 15.0 45.1

