

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069852.D
 Acq On : 8 Dec 2021 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:33:55 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	1100372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1773908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1680015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	723124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	807977	47.557	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.120%		
35) Dibromofluoromethane	8.021	113	557087	50.137	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.280%		
50) Toluene-d8	10.440	98	2219694	49.751	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.731	95	825982	51.102	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	635609	49.525	ug/l	98
3) Chloromethane	2.303	50	741237	46.100	ug/l	100
4) Vinyl Chloride	2.448	62	701109	47.422	ug/l	99
5) Bromomethane	2.845	94	413497	51.480	ug/l	99
6) Chloroethane	3.017	64	425259	46.939	ug/l	97
7) Trichlorofluoromethane	3.376	101	920930	47.461	ug/l	98
8) Diethyl Ether	3.824	74	364197	48.733	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	551854	50.736	ug/l	96
10) Methyl Iodide	4.419	142	716760	48.236	ug/l	98
11) Tert butyl alcohol	5.377	59	574455	178.876	ug/l	99
12) 1,1-Dichloroethene	4.178	96	502529	47.944	ug/l	86
13) Acrolein	4.038	56	839329	306.900	ug/l	99
14) Allyl chloride	4.840	41	1134213	48.022	ug/l	94
15) Acrylonitrile	5.554	53	1882327	217.515	ug/l	98
16) Acetone	4.285	43	2378701	232.747	ug/l	96
17) Carbon Disulfide	4.529	76	1288035	47.566	ug/l	98
18) Methyl Acetate	4.854	43	1343620	43.555	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1966202	48.245	ug/l	94
20) Methylene Chloride	5.095	84	622567	45.823	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	540746	47.498	ug/l	85
22) Diisopropyl ether	6.495	45	2329702	50.466	ug/l	96
23) Vinyl Acetate	6.433	43	9421998	250.871	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1181850	49.422	ug/l	98
25) 2-Butanone	7.335	43	3058623	220.264	ug/l	91
26) 2,2-Dichloropropane	7.327	77	939902	50.551	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	661588	48.099	ug/l	85
28) Bromochloromethane	7.656	49	614404	49.408	ug/l #	77
29) Tetrahydrofuran	7.683	42	1807486	214.360	ug/l	87
30) Chloroform	7.817	83	1179677	48.846	ug/l	97
31) Cyclohexane	8.094	56	1126269	47.635	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	999556	48.588	ug/l	95
36) 1,1-Dichloropropene	8.220	75	872987	51.696	ug/l	96
37) Ethyl Acetate	7.412	43	1106723	44.032	ug/l	96
38) Carbon Tetrachloride	8.206	117	837105	50.550	ug/l	98
39) Methylcyclohexane	9.459	83	1063284	52.935	ug/l	89
40) Benzene	8.458	78	2596969	50.312	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	578359	49.018	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1040522	49.937	ug/l	96
43) Isopropyl Acetate	8.560	43	1765918	47.478	ug/l #	94
44) Trichloroethene	9.215	130	622065	50.493	ug/l	93
45) 1,2-Dichloropropane	9.488	63	717575	51.769	ug/l	100
46) Dibromomethane	9.577	93	455527	50.110	ug/l	93
47) Bromodichloromethane	9.762	83	904851	52.572	ug/l	99
48) Methyl methacrylate	9.558	41	839133	48.343	ug/l	89
49) 1,4-Dioxane	9.569	88	247789	795.592	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5762318	238.812	ug/l	95
52) Toluene	10.505	92	1631900	51.785	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	980501	47.505	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1058118	48.748	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	642814	50.556	ug/l	98
56) Ethyl methacrylate	10.759	69	1078339	45.178	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1139436	50.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1255616	197.940	ug/l	91
59) 2-Hexanone	11.084	43	4247727	232.715	ug/l	93
60) Dibromochloromethane	11.237	129	647002	47.611	ug/l	100
61) 1,2-Dibromoethane	11.344	107	662031	50.269	ug/l	98
64) Tetrachloroethene	10.977	164	575052	50.480	ug/l	95
65) Chlorobenzene	11.768	112	1733960	50.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	625194	52.117	ug/l	99
67) Ethyl Benzene	11.843	91	3250379	52.502	ug/l	95
68) m/p-Xylenes	11.953	106	2382616	105.697	ug/l	92
69) o-Xylene	12.280	106	1178294	51.894	ug/l	91
70) Styrene	12.294	104	1929209	53.582	ug/l	95
71) Bromoform	12.457	173	466140	45.682	ug/l #	100
73) Isopropylbenzene	12.578	105	3132474	48.688	ug/l	98
74) N-amyl acetate	12.387	43	1281509	45.040	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	998417	44.876	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	866468m	41.783	ug/l	
77) Bromobenzene	12.859	156	710892	47.041	ug/l	79
78) n-propylbenzene	12.918	91	3625697	50.643	ug/l	96
79) 2-Chlorotoluene	13.007	91	2200581	48.645	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2596362	50.138	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	277132	44.246	ug/l	95
82) 4-Chlorotoluene	13.104	91	2124621	49.940	ug/l	93
83) tert-Butylbenzene	13.323	119	2236603	48.777	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2534766	51.397	ug/l	98
85) sec-Butylbenzene	13.500	105	3165142	50.890	ug/l	97
86) p-Isopropyltoluene	13.616	119	2537236	52.189	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1227797	49.455	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1181138	48.412	ug/l	97
89) n-Butylbenzene	13.943	91	2075065	52.617	ug/l	98
90) Hexachloroethane	14.208	117	434735	50.933	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	1178689	48.727	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172006	42.785	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	524884	44.573	ug/l	98
94) Hexachlorobutadiene	15.367	225	325155	50.720	ug/l	99
95) Naphthalene	15.507	128	1296385	37.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	501165	43.668	ug/l	99

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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

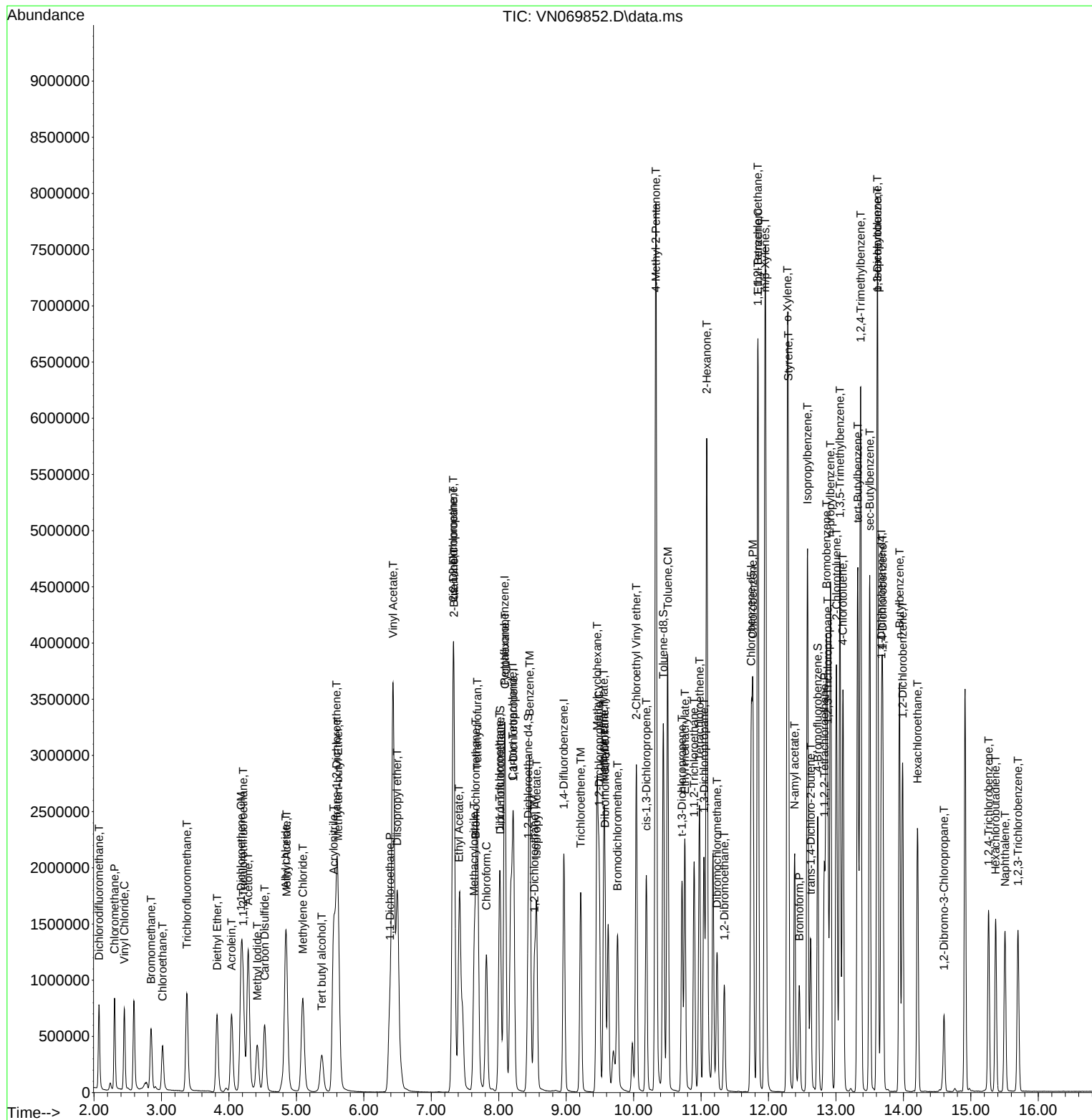
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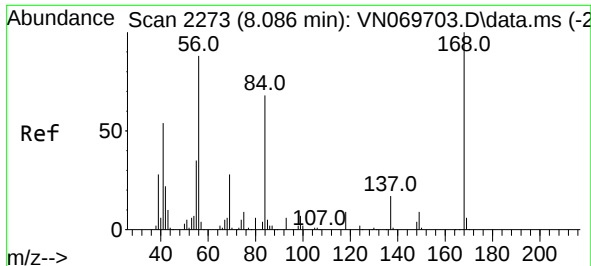
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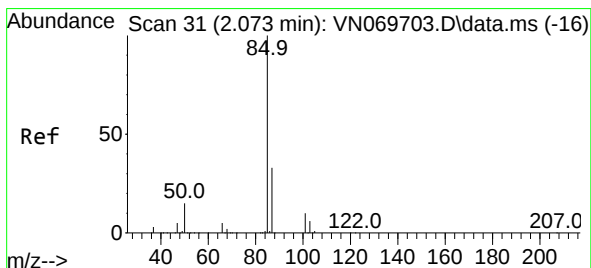
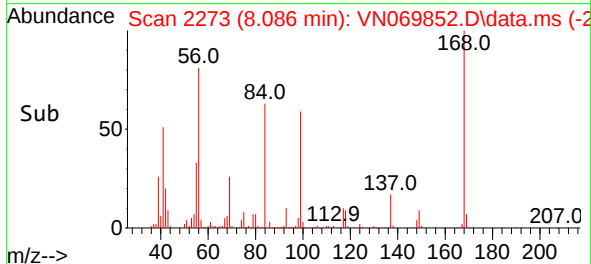
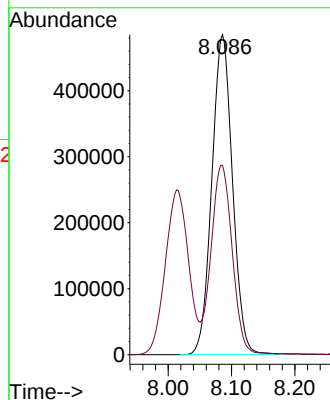
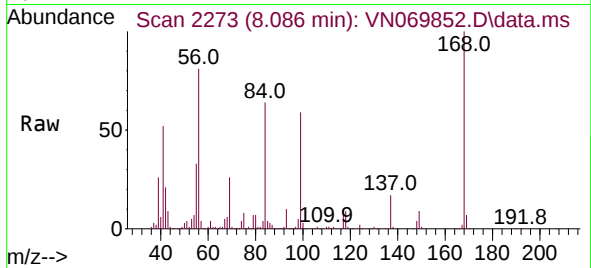
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 110037
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9

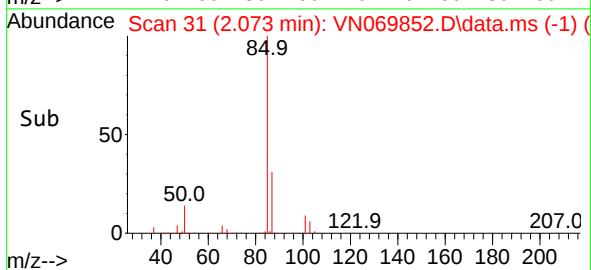
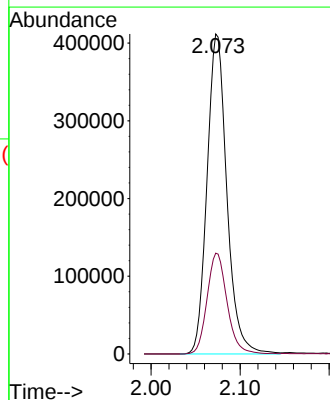
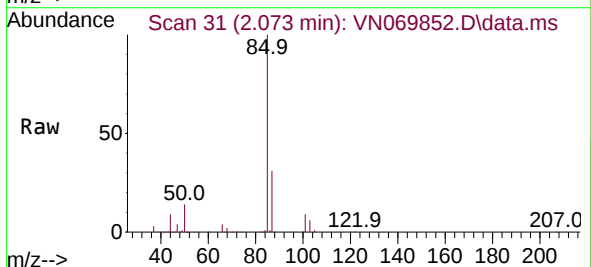
Manual Integrations
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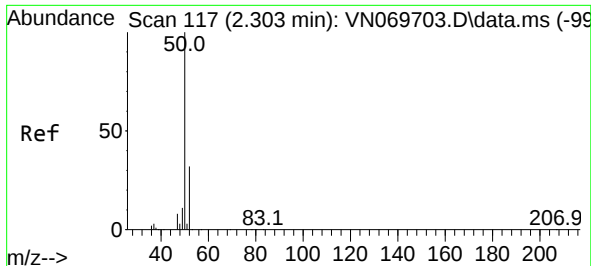
Reviewed By :John Carlone 12/10/2021
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#2
Dichlorodifluoromethane
Concen: 49.525 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

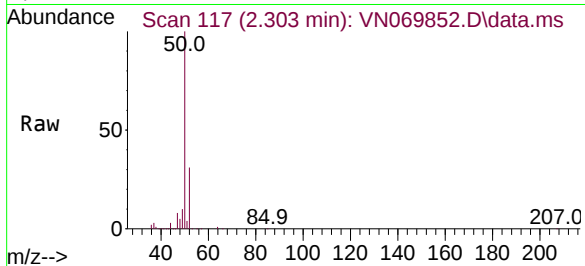
Tgt Ion: 85 Resp: 635609
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 46.100 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

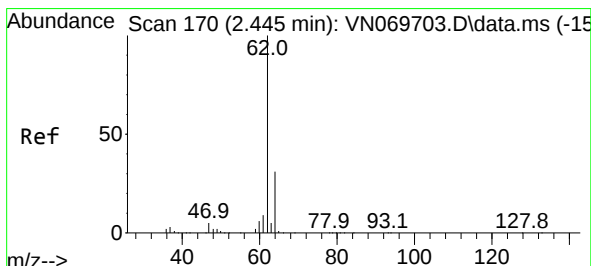
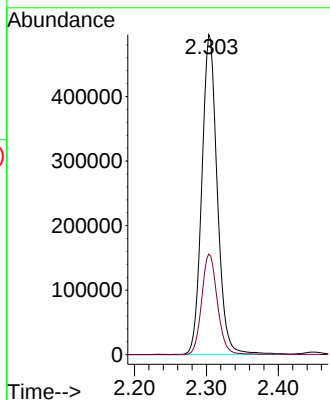
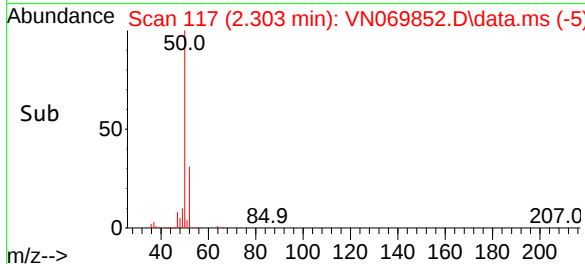
Instrument :
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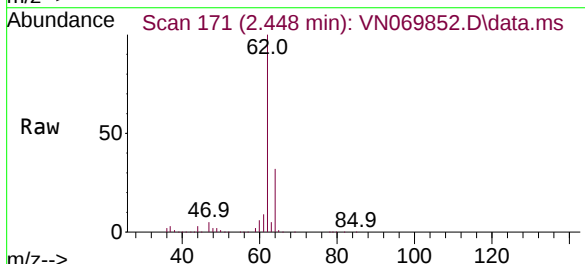
Tgt Ion: 50 Resp: 74123
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

Manual Integrations
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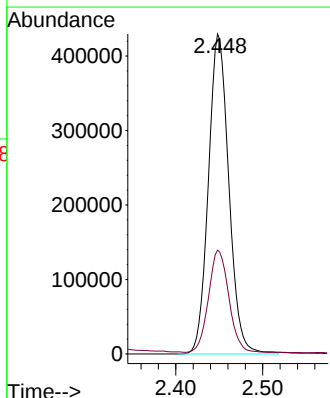
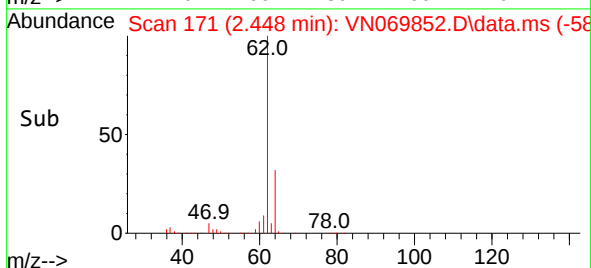
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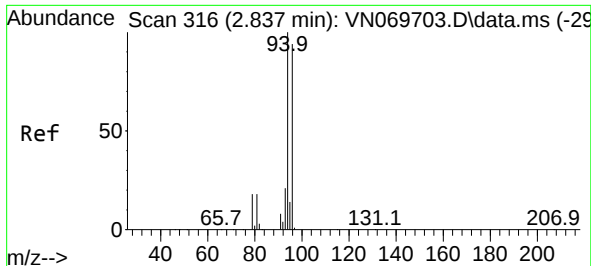


#4
Vinyl Chloride
Concen: 47.422 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



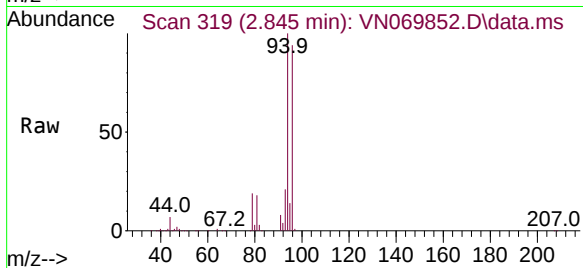
Tgt Ion: 62 Resp: 701109
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 51.480 ug/l
RT: 2.845 min Scan# 316
Delta R.T. 0.008 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

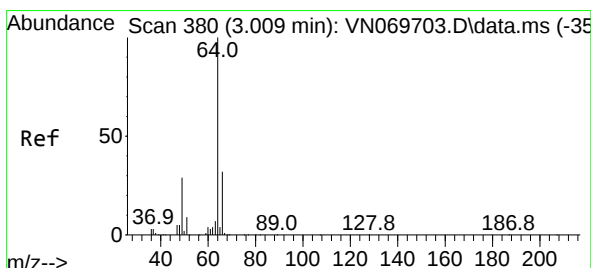
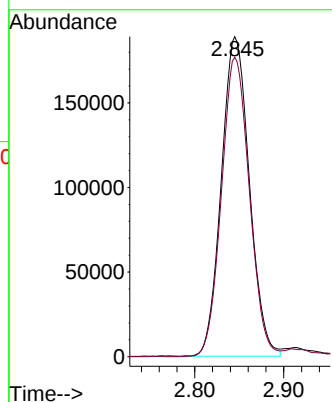
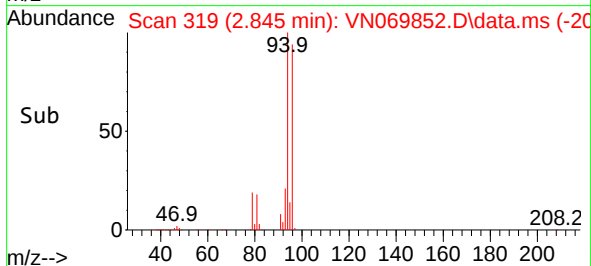
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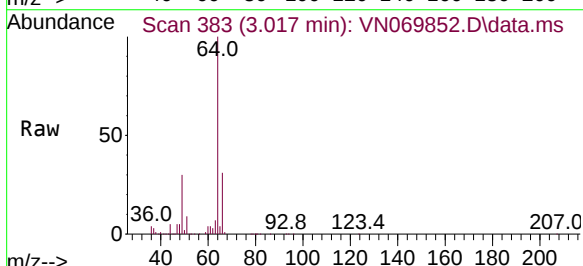
Tgt Ion: 94 Resp: 41349
Ion Ratio Lower Upper
94 100
96 93.7 73.8 110.8

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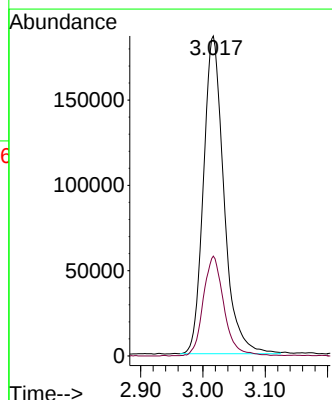
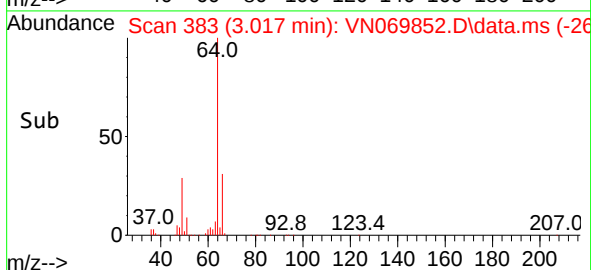
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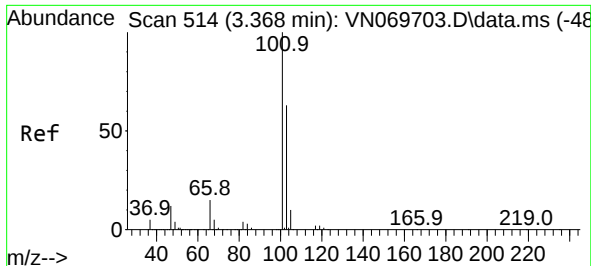


#6
Chloroethane
Concen: 46.939 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN069852.D
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Tgt Ion: 64 Resp: 425259
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





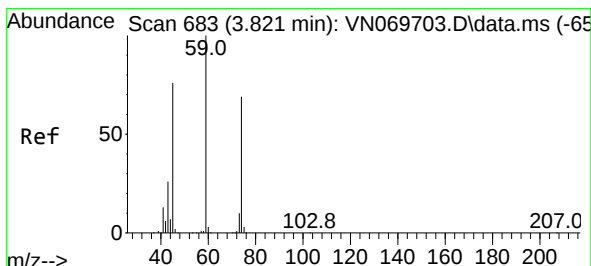
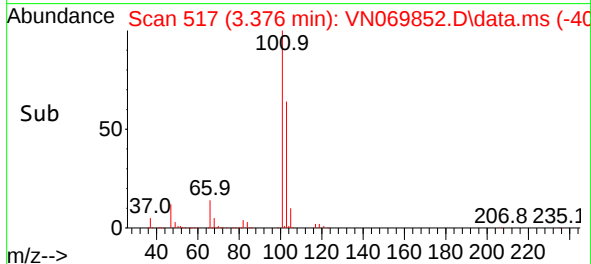
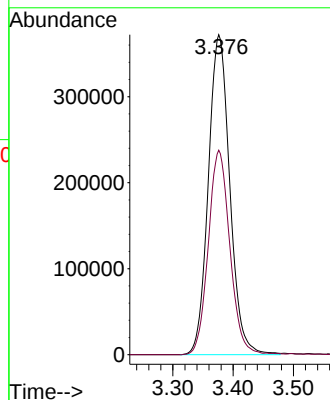
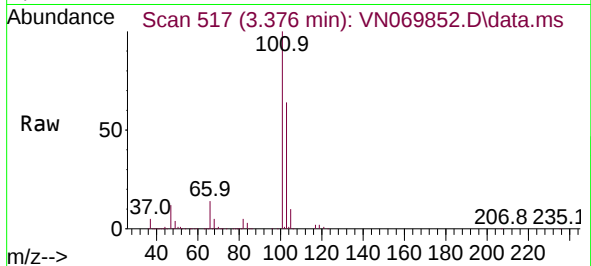
#7
Trichlorofluoromethane
Concen: 47.461 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 920930
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

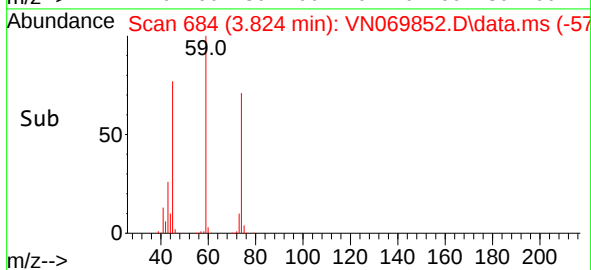
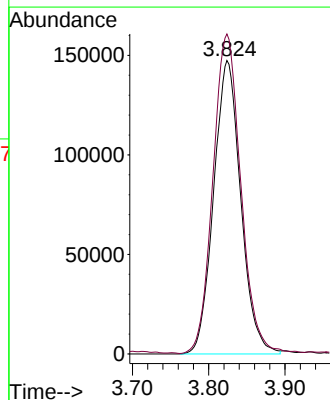
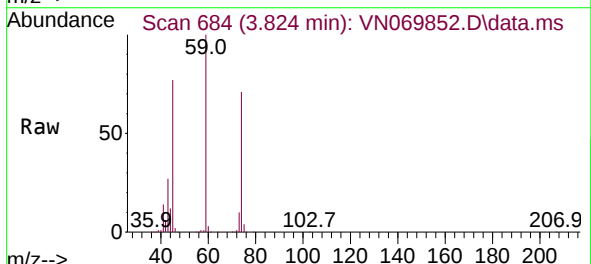
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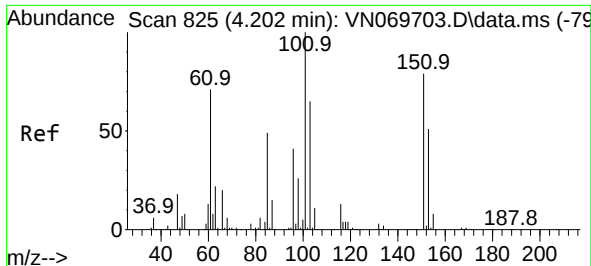
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 48.733 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 74 Resp: 364197
Ion Ratio Lower Upper
74 100
45 111.9 47.0 141.2





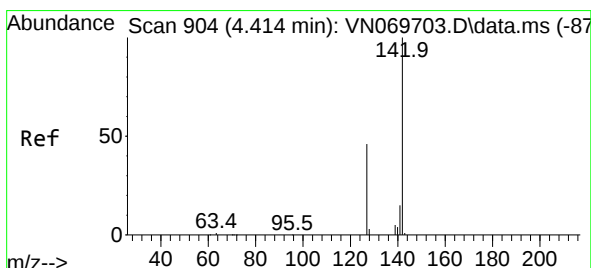
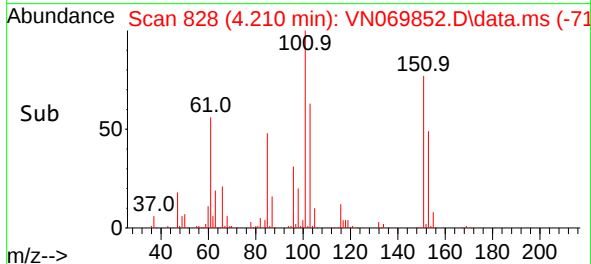
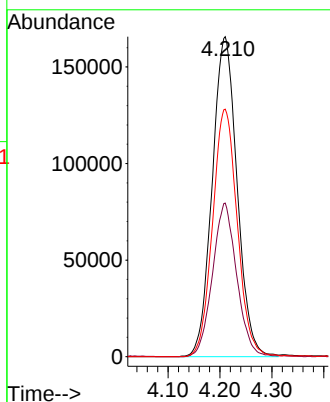
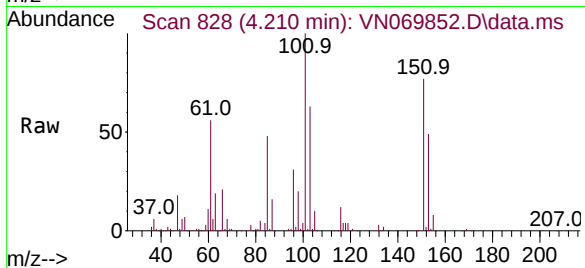
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.736 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 551854
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.6 65.9 98.9

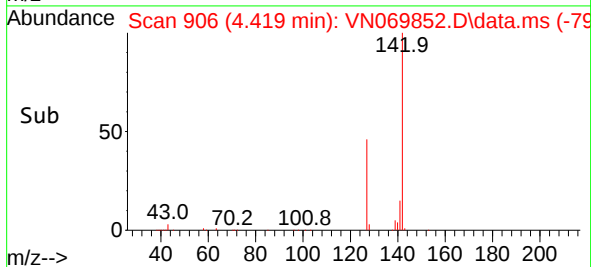
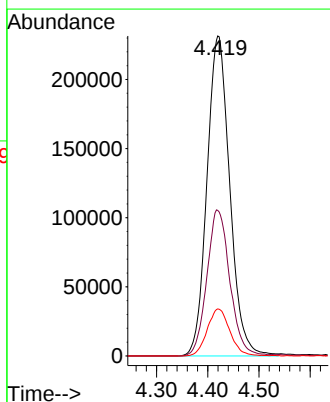
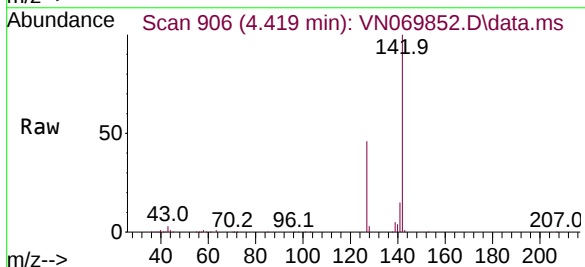
Manual Integrations
APPROVED

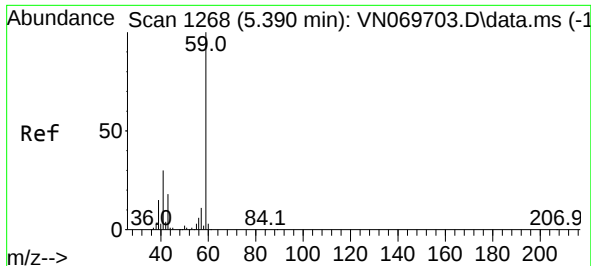
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 48.236 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

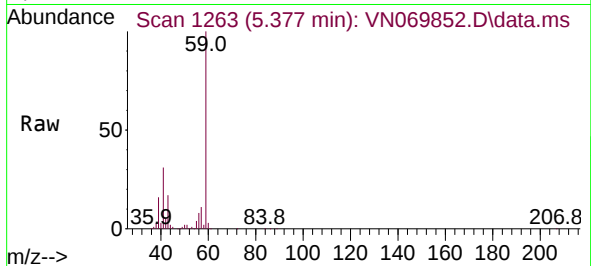
Tgt Ion:142 Resp: 716760
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 178.876 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

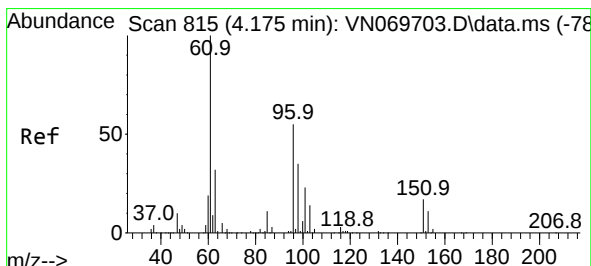
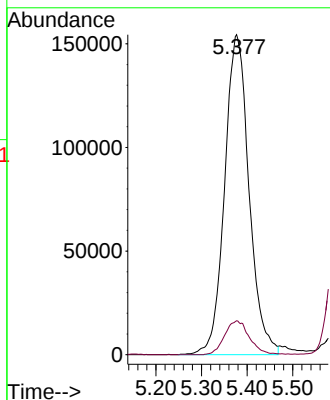
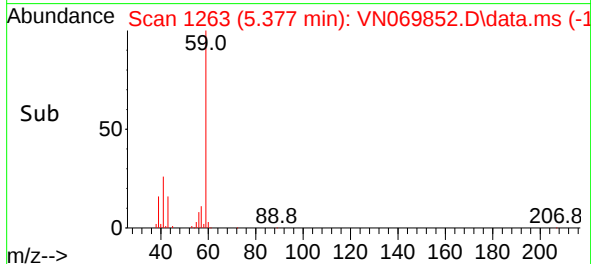
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



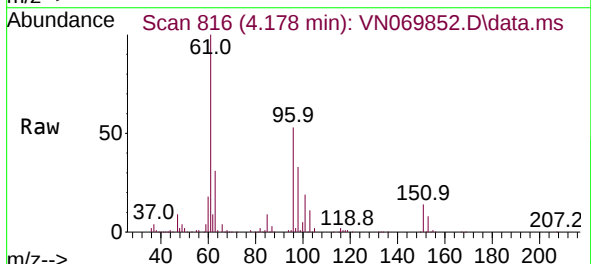
Tgt Ion: 59 Resp: 57445
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
APPROVED

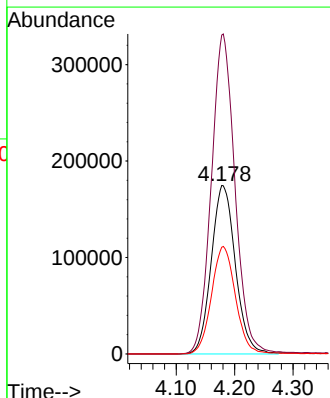
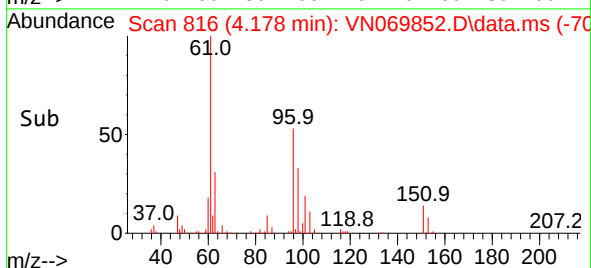
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 47.944 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



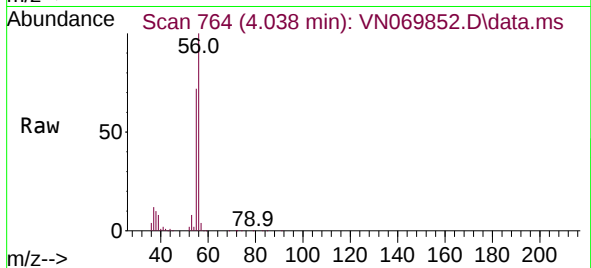
Tgt Ion: 96 Resp: 502529
Ion Ratio Lower Upper
96 100
61 189.2 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 306.900 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

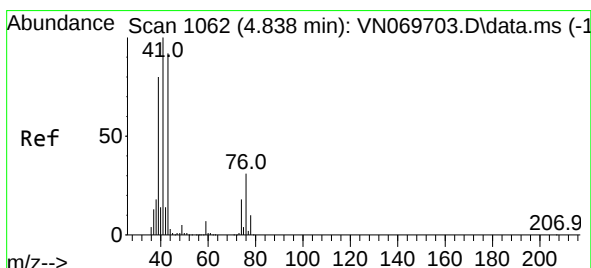
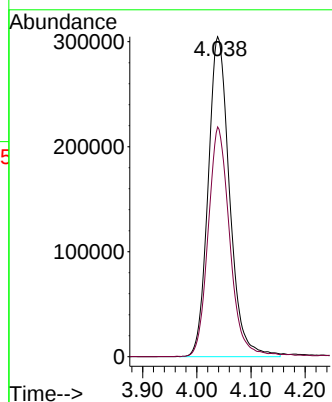
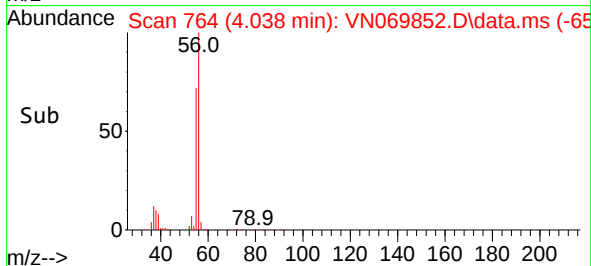
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



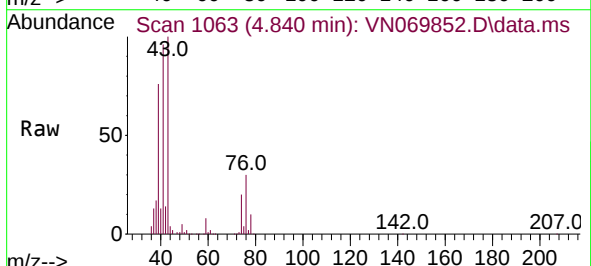
Tgt Ion: 56 Resp: 839329
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

Manual Integrations
APPROVED

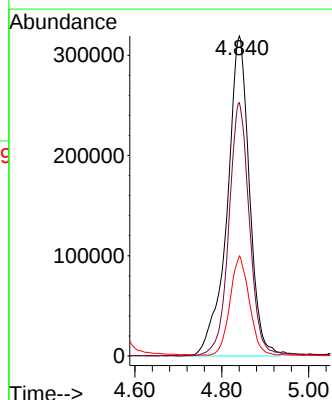
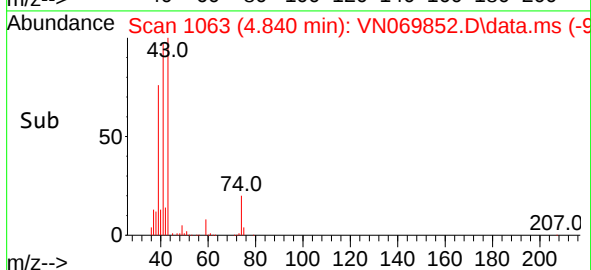
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

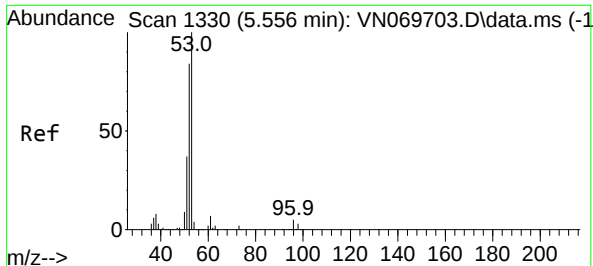


#14
Allyl chloride
Concen: 48.022 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



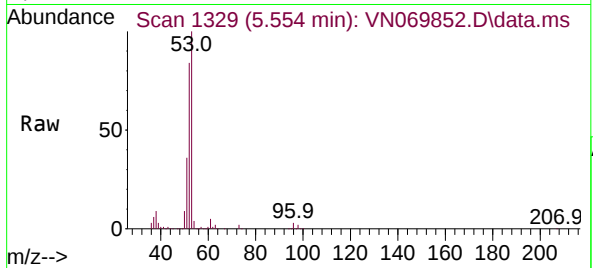
Tgt Ion: 41 Resp: 1134213
Ion Ratio Lower Upper
41 100
39 73.0 61.2 91.8
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 217.515 ug/l
RT: 5.554 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

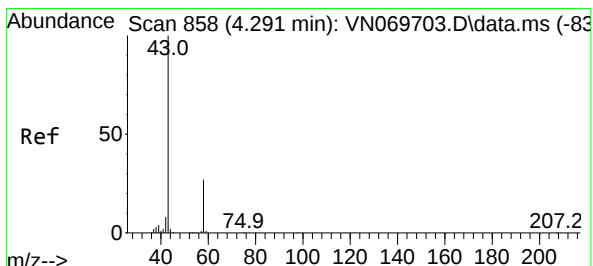
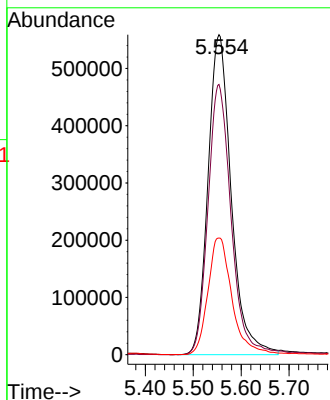
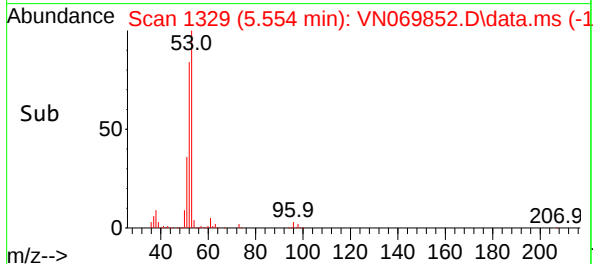
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 188232
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.8 29.6 44.4

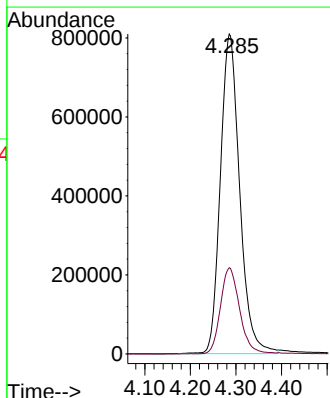
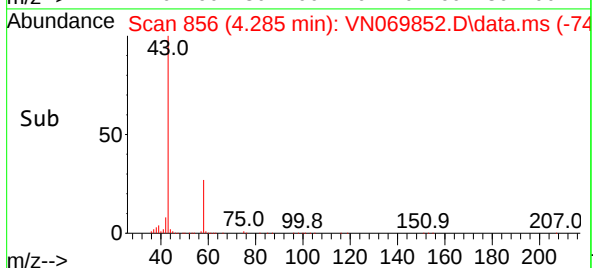
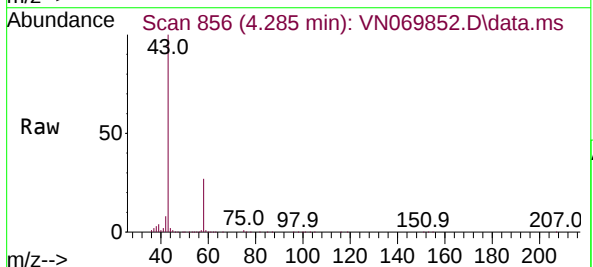
Manual Integrations
APPROVED

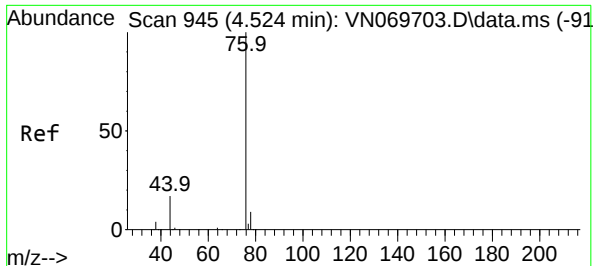
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 232.747 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 43 Resp: 2378701
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





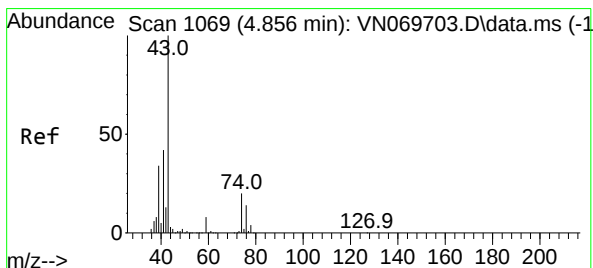
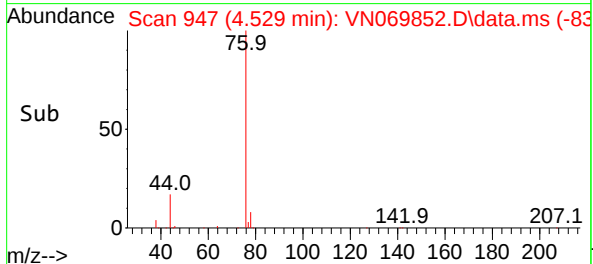
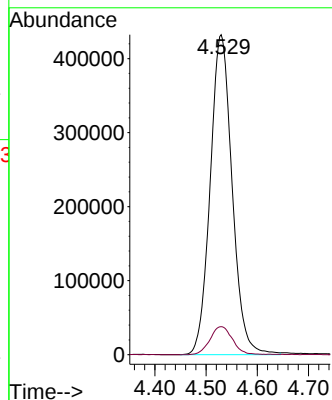
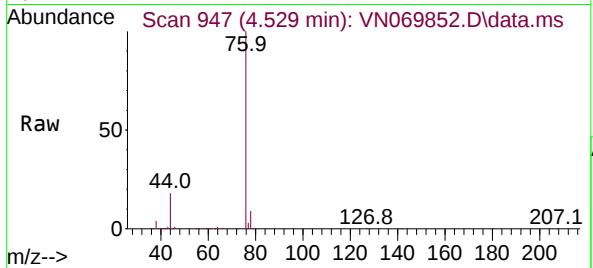
#17
Carbon Disulfide
Concen: 47.566 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 128803
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

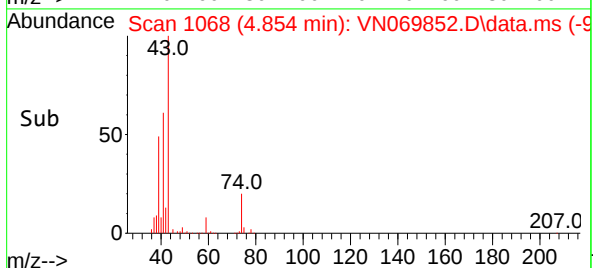
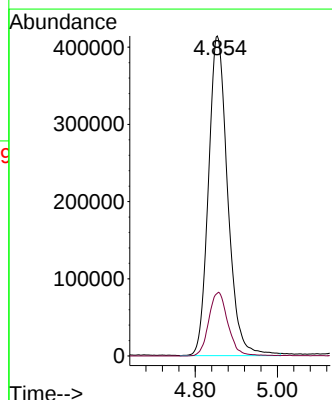
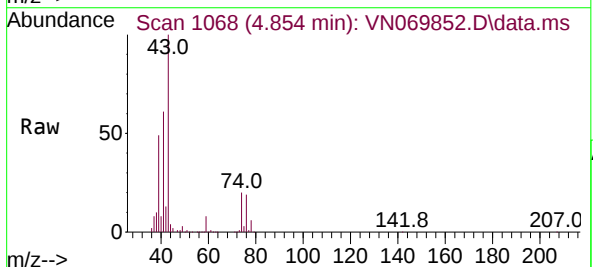
Manual Integrations
APPROVED

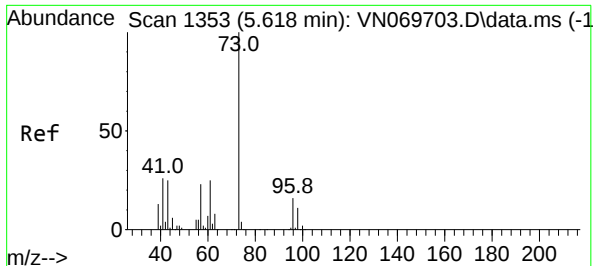
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 43.555 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 43 Resp: 1343620
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





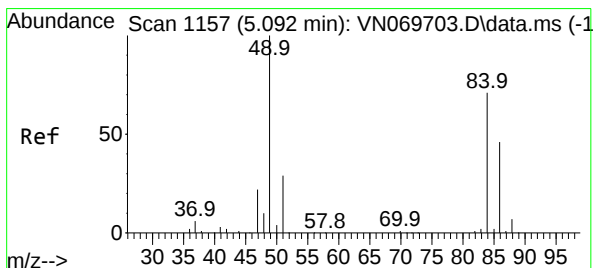
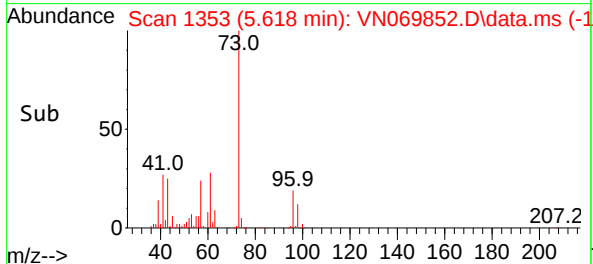
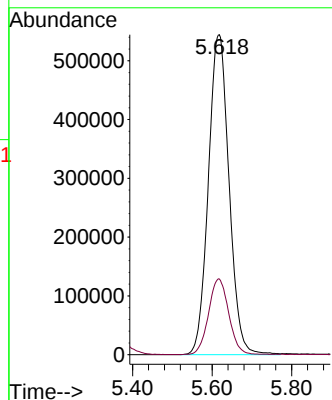
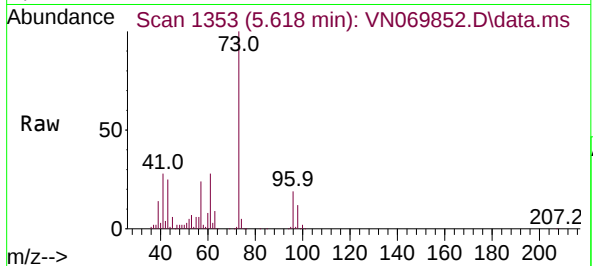
#19
Methyl tert-butyl Ether
Concen: 48.245 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 196620
Ion Ratio Lower Upper
73 100
57 23.6 16.8 25.2

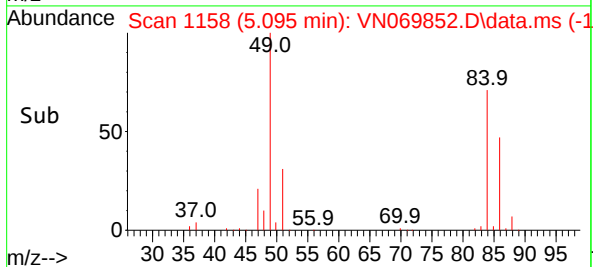
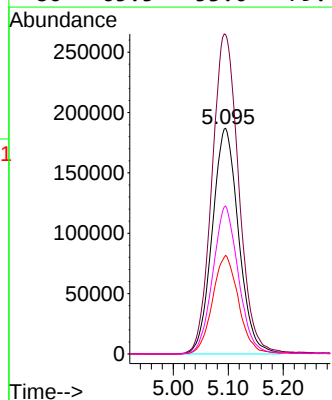
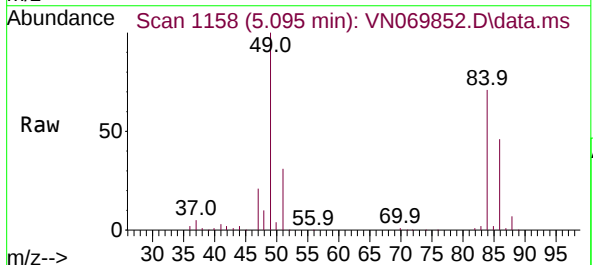
Manual Integrations
APPROVED

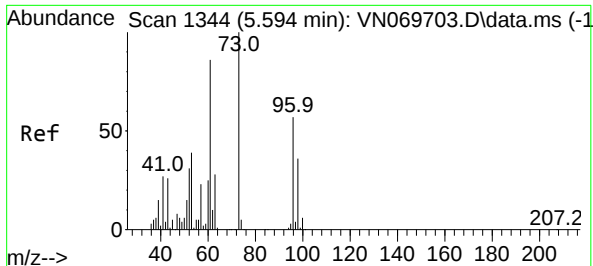
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 45.823 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

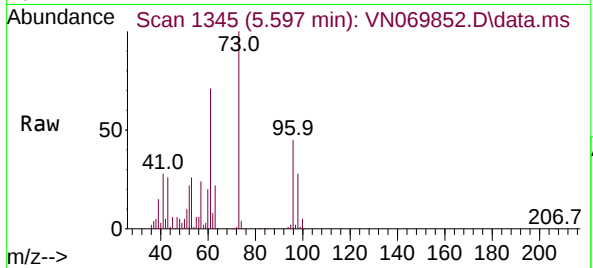
Tgt Ion: 84 Resp: 622567
Ion Ratio Lower Upper
84 100
49 141.4 93.5 140.3#
51 43.7 29.4 44.2
86 65.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.498 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

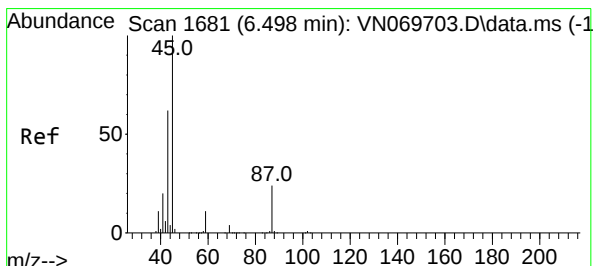
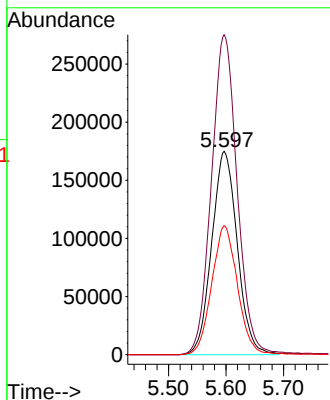
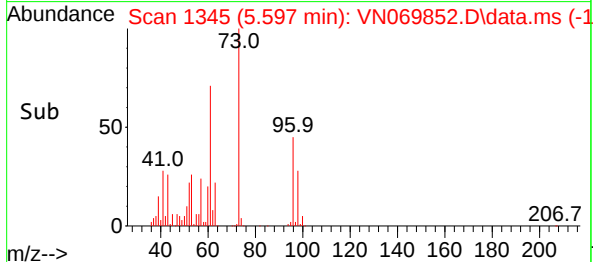
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 540740
Ion Ratio Lower Upper
96 100
61 157.4 105.8 158.6
98 63.4 52.0 78.0

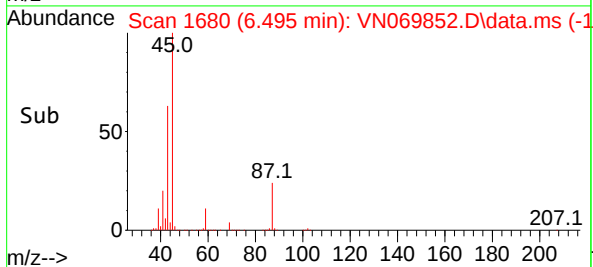
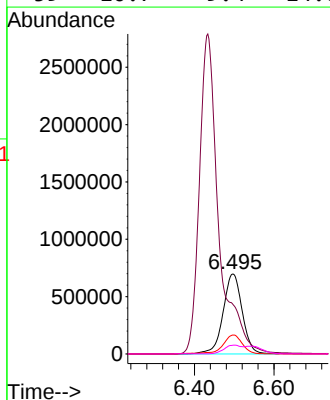
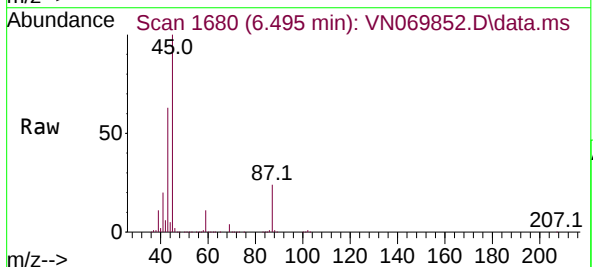
Manual Integrations
APPROVED

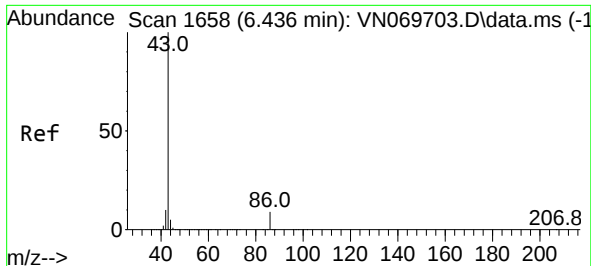
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 50.466 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

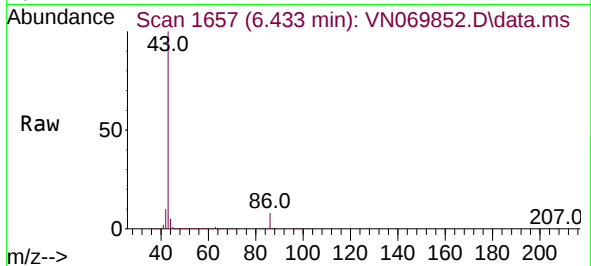
Tgt Ion: 45 Resp: 2329702
Ion Ratio Lower Upper
45 100
43 62.9 51.7 77.5
87 23.5 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 250.871 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069852.D
 Acq: 8 Dec 2021 10:59

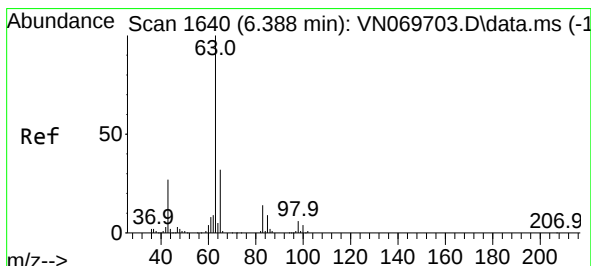
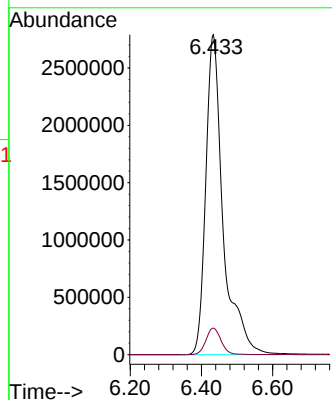
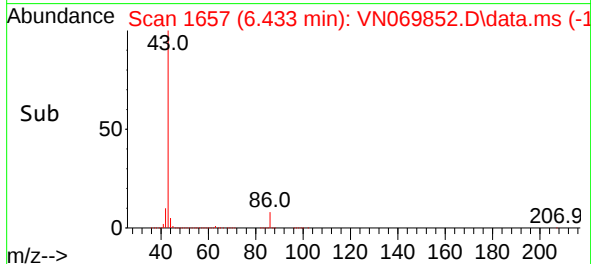
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



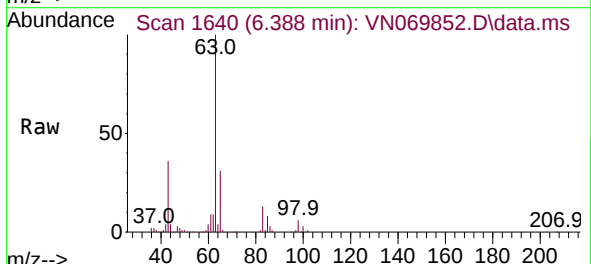
Tgt Ion: 43 Resp: 9421998
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
 APPROVED

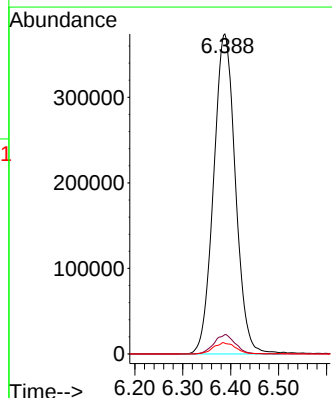
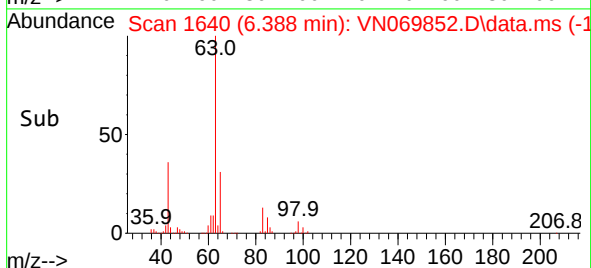
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 49.422 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069852.D
 Acq: 8 Dec 2021 10:59



Tgt Ion: 63 Resp: 1181850
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.4 2.1 6.5





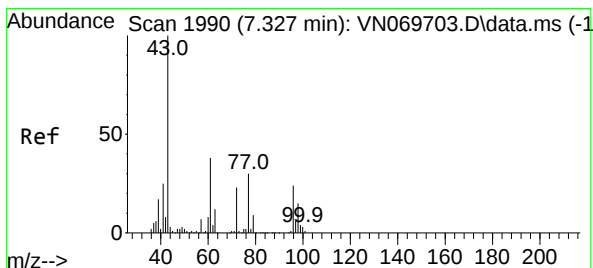
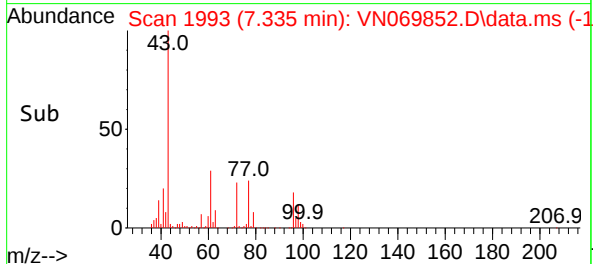
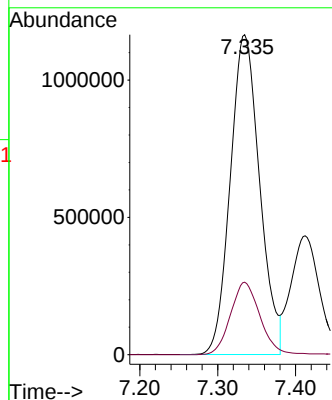
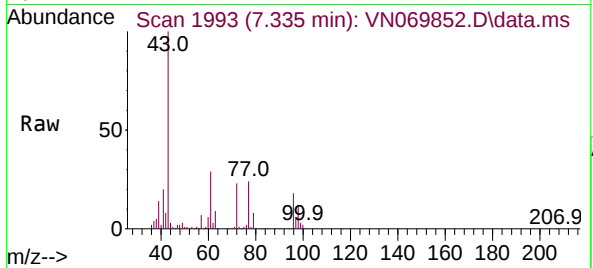
#25
2-Butanone
Concen: 220.264 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 305862
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

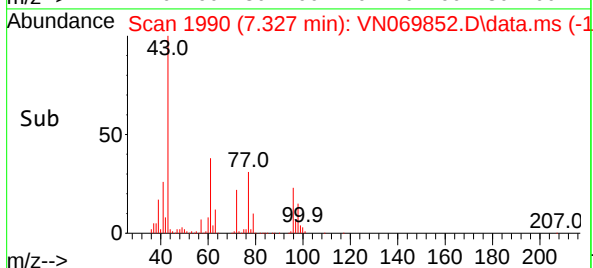
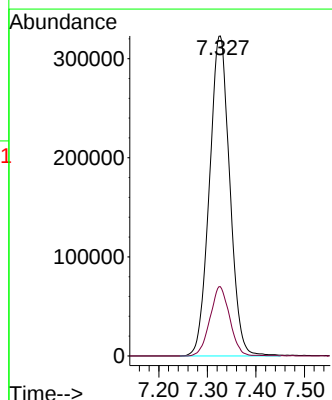
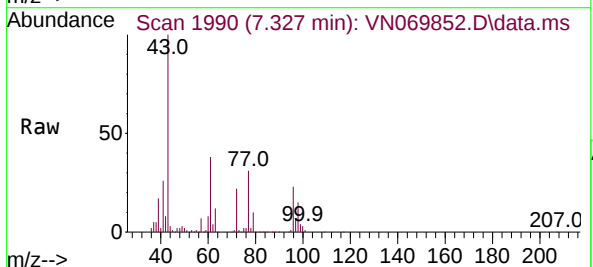
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#26
2,2-Dichloropropane
Concen: 50.551 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 77 Resp: 939902
Ion Ratio Lower Upper
77 100
97 21.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.099 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 661588

Ion Ratio Lower Upper

96 100

61 163.5 0.0 275.0

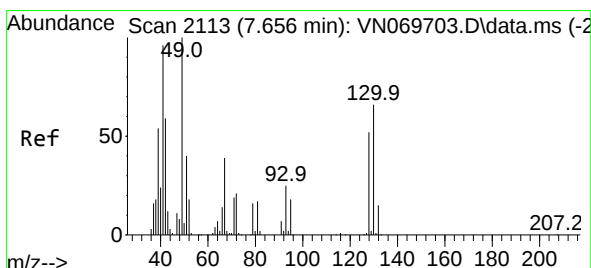
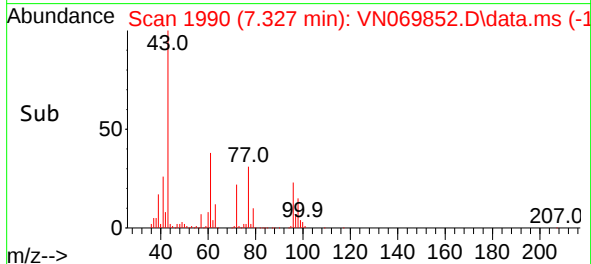
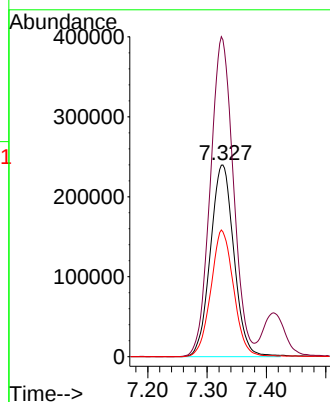
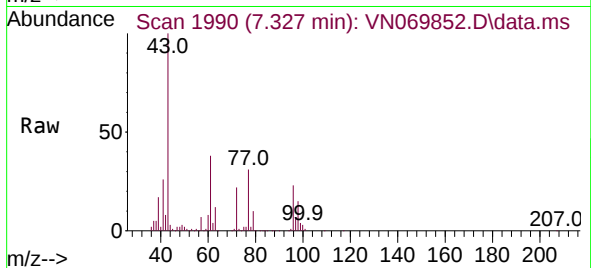
98 63.8 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#28

Bromochloromethane

Concen: 49.408 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

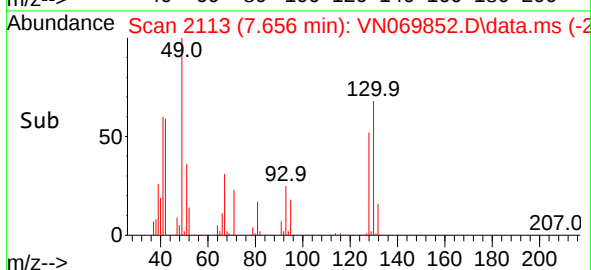
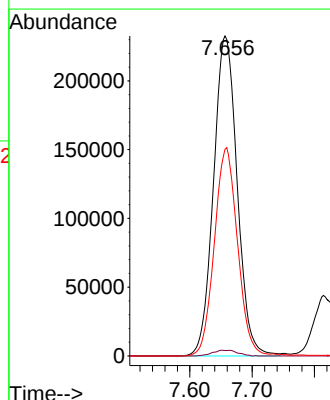
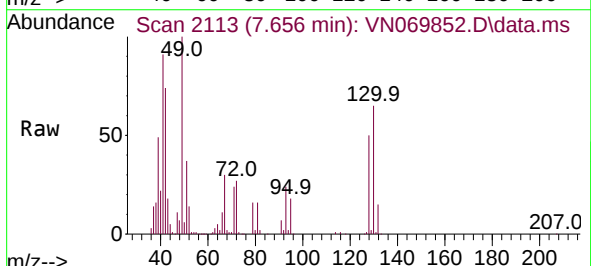
Tgt Ion: 49 Resp: 614404

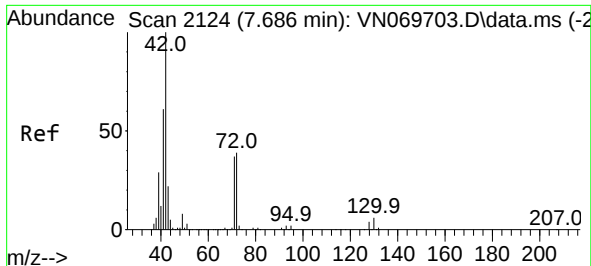
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 63.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 214.360 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 180748

Ion Ratio Lower Upper

42 100

72 37.0 36.3 54.5

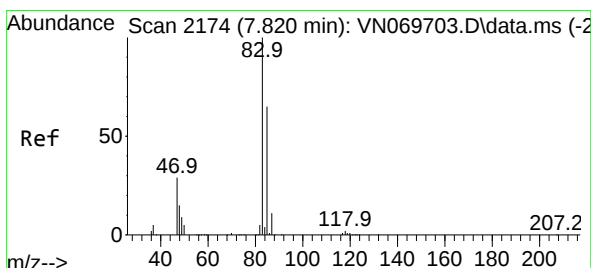
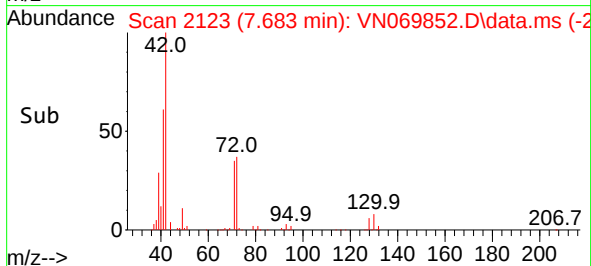
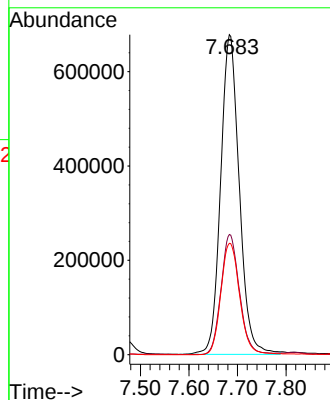
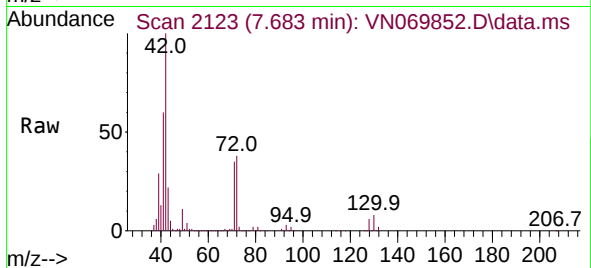
71 35.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 48.846 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069852.D

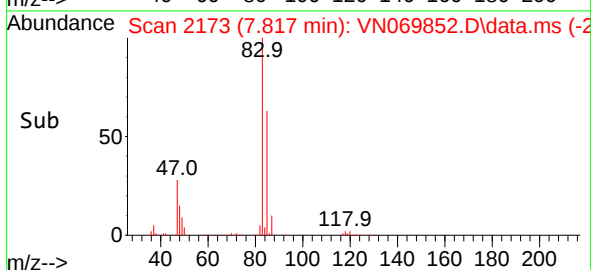
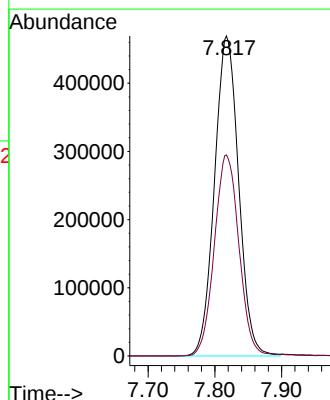
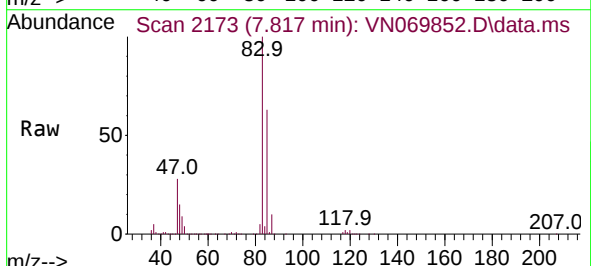
Acq: 8 Dec 2021 10:59

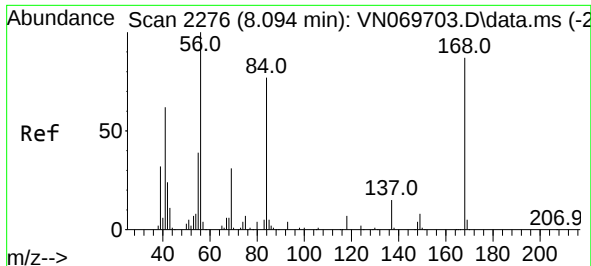
Tgt Ion: 83 Resp: 1179677

Ion Ratio Lower Upper

83 100

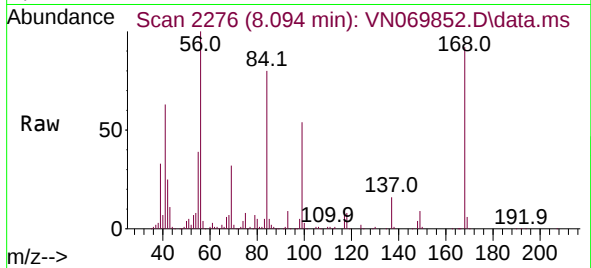
85 62.8 51.9 77.9





#31
Cyclohexane
Concen: 47.635 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

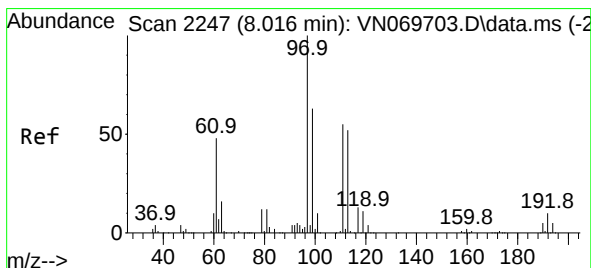
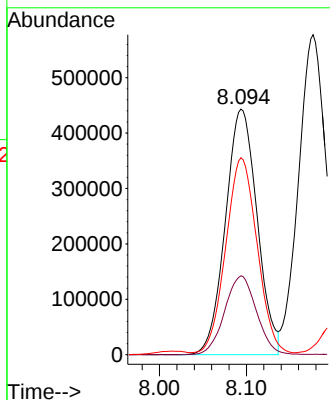
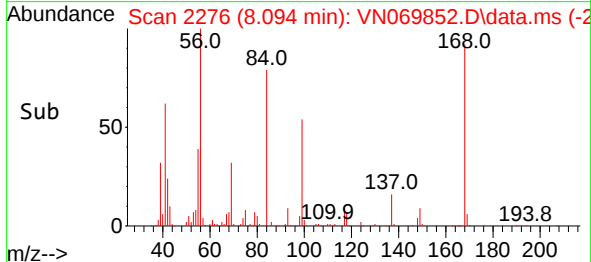
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 1126269
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 78.8 73.4 110.0

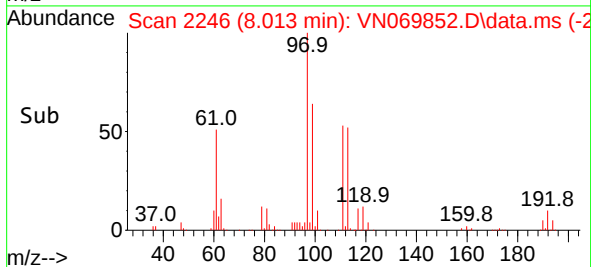
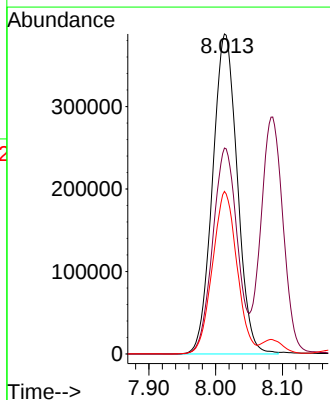
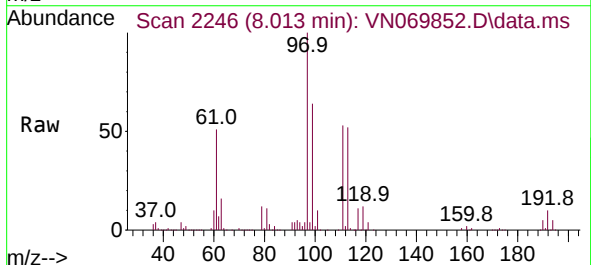
Manual Integrations
APPROVED

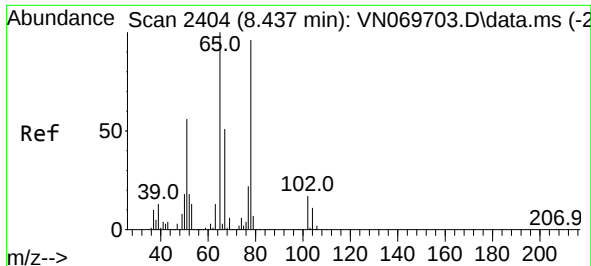
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 48.588 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 97 Resp: 999556
Ion Ratio Lower Upper
97 100
99 64.1 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.557 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80797

Ion Ratio Lower Upper

65 100

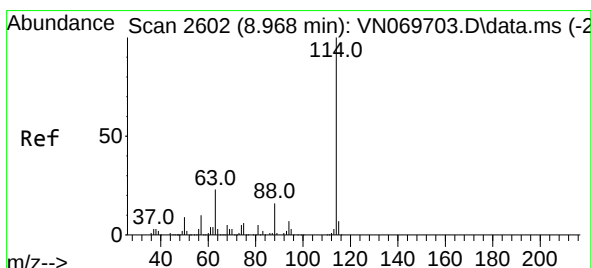
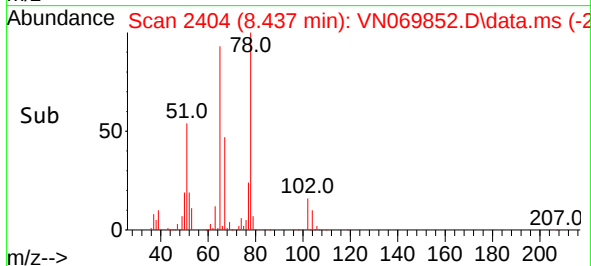
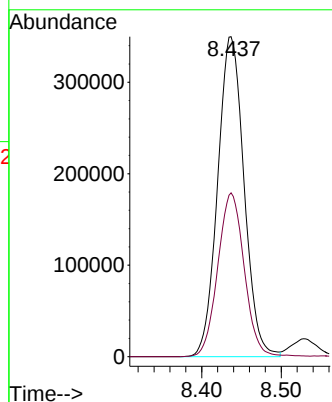
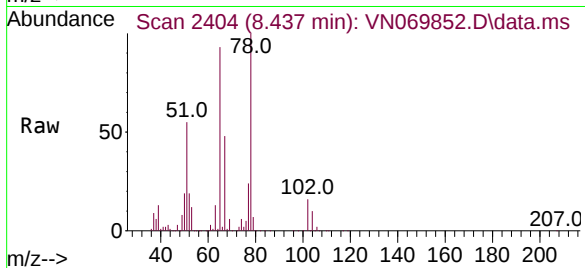
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

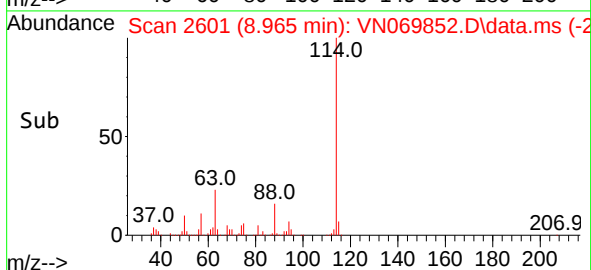
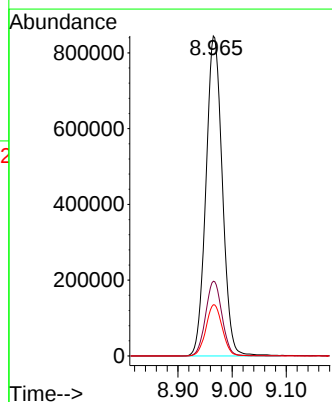
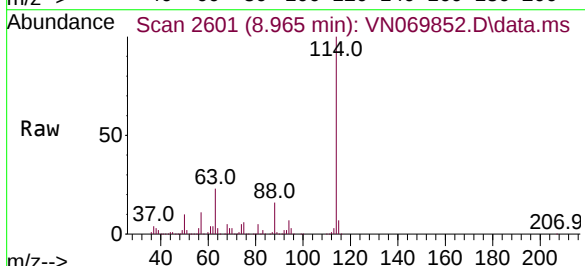
Tgt Ion:114 Resp: 1773908

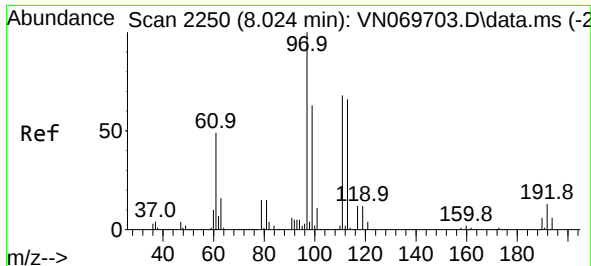
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

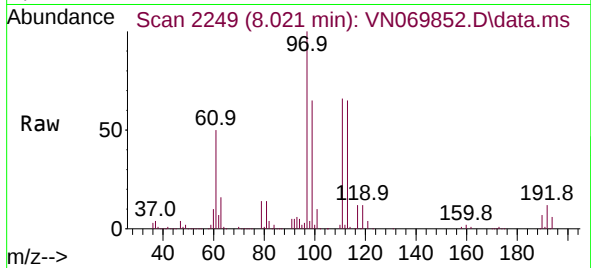
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.137 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

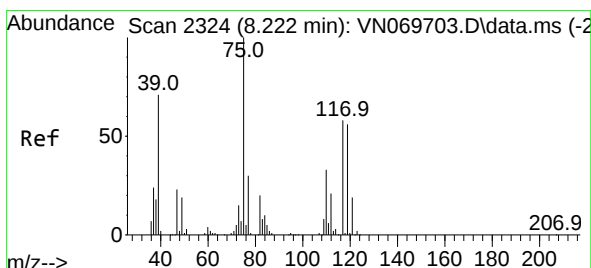
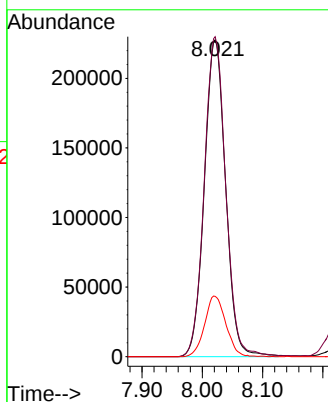
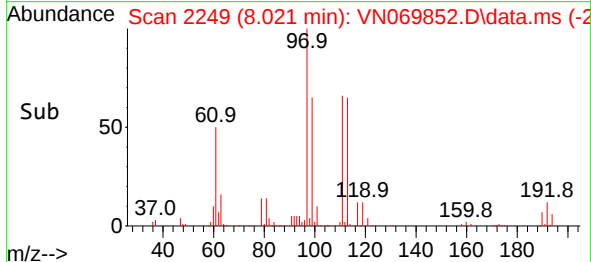
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



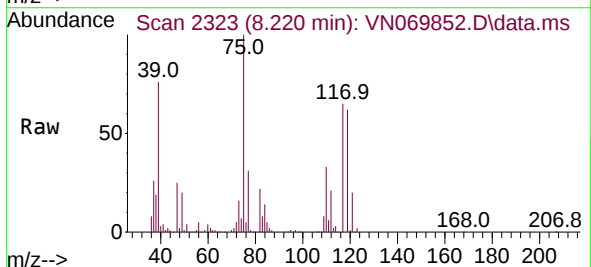
Tgt Ion:113 Resp: 55708
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.1 16.9 25.3

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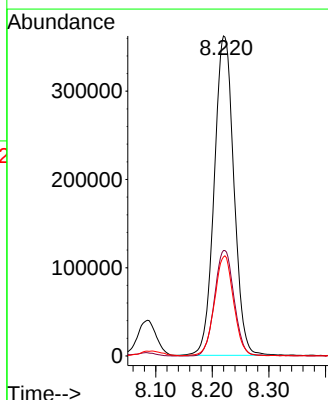
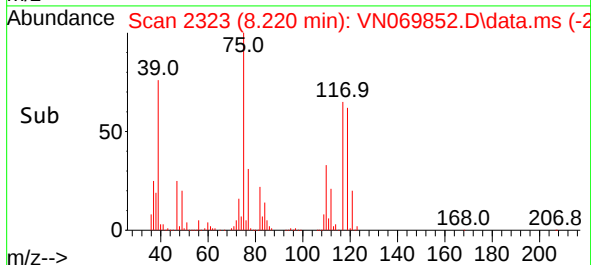
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

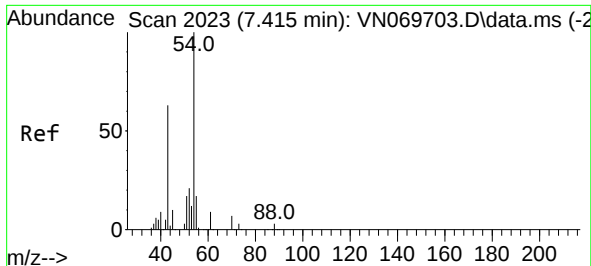


#36
1,1-Dichloropropene
Concen: 51.696 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



Tgt Ion: 75 Resp: 872987
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.6 24.4 36.6





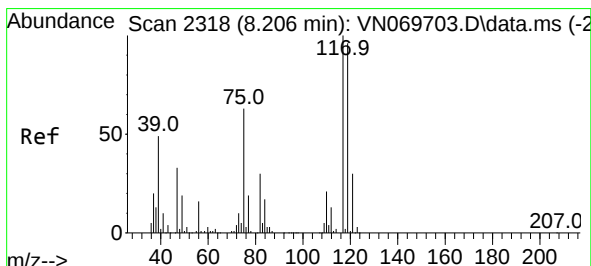
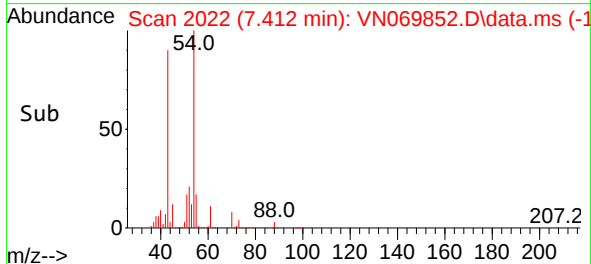
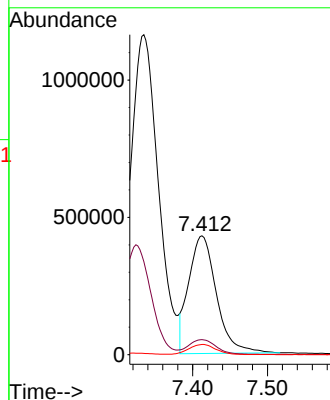
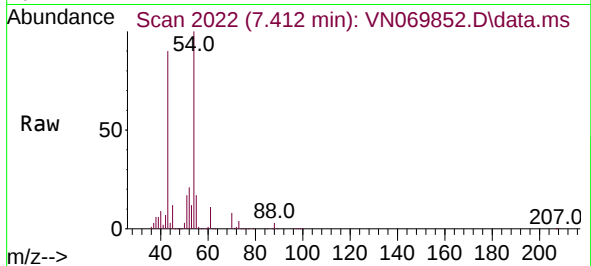
#37
Ethyl Acetate
Concen: 44.032 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 110672
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.5 7.9 11.9

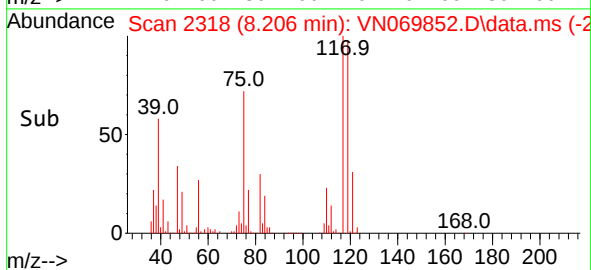
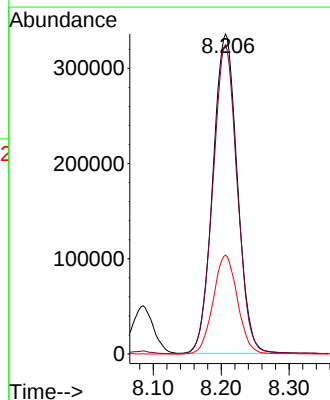
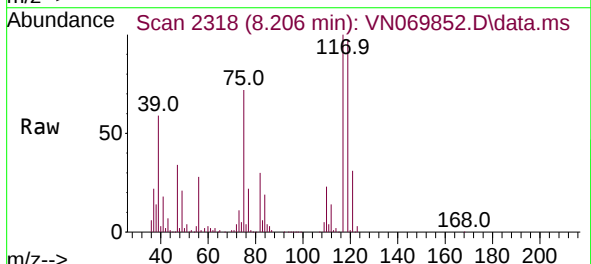
Manual Integrations
APPROVED

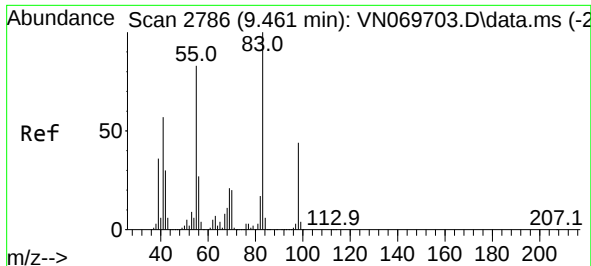
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 50.550 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

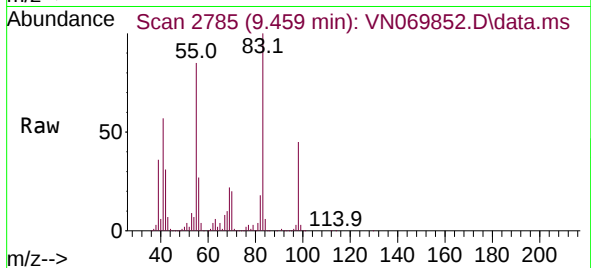
Tgt Ion:117 Resp: 837105
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 31.0 24.2 36.2





#39
Methylcyclohexane
Concen: 52.935 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

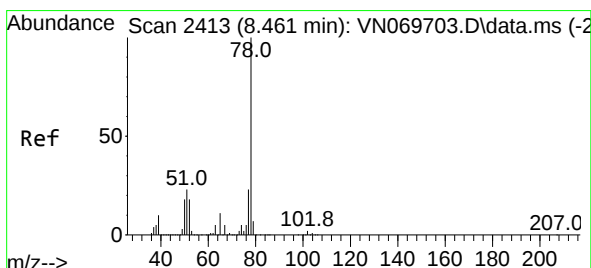
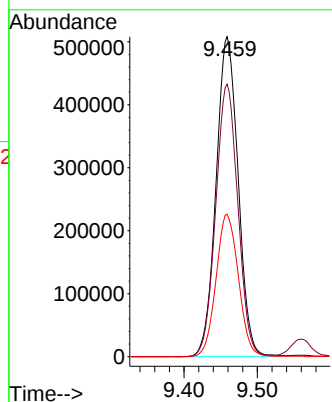
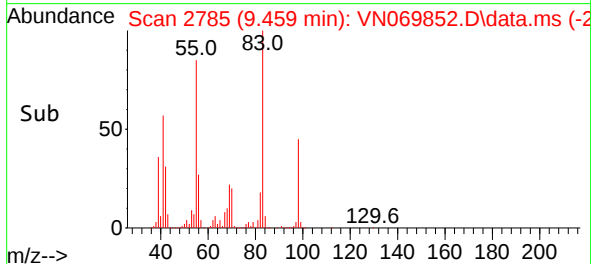
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



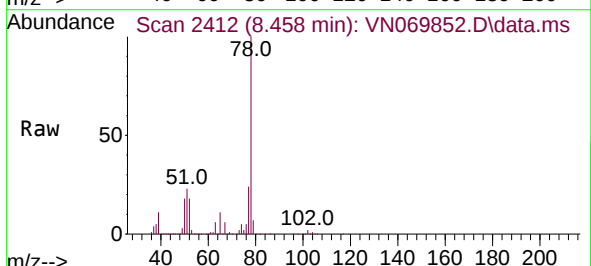
Tgt Ion: 83 Resp: 1063284
Ion Ratio Lower Upper
83 100
55 85.1 58.1 87.1
98 44.5 38.4 57.6

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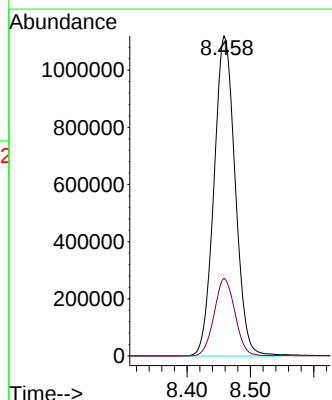
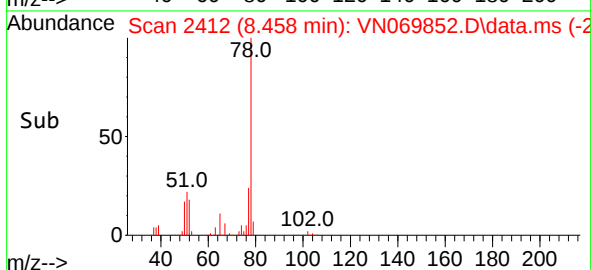
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

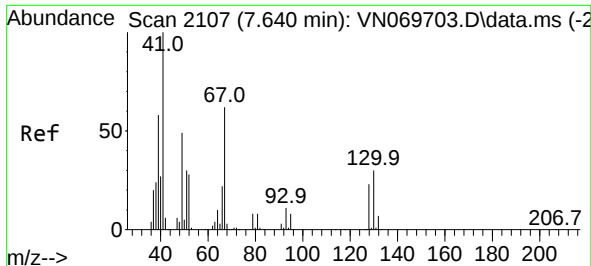


#40
Benzene
Concen: 50.312 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



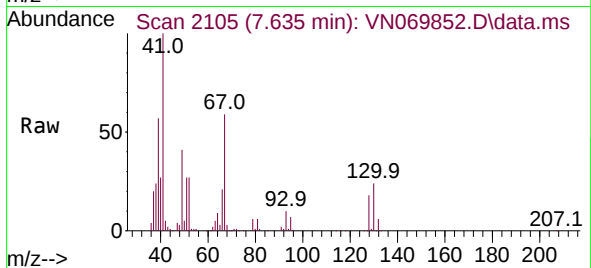
Tgt Ion: 78 Resp: 2596969
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8





#41
Methacrylonitrile
Concen: 49.018 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

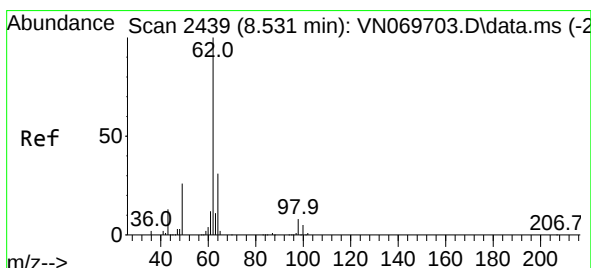
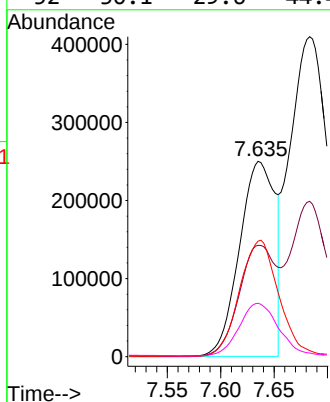
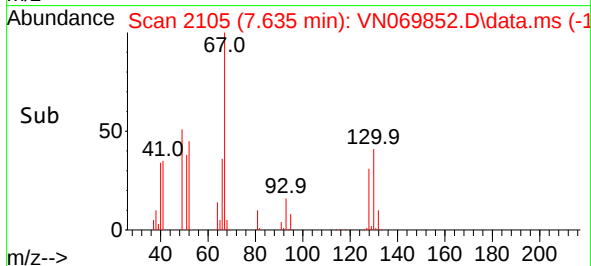
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 57835
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 66.8 68.3 102.5
52 30.1 29.6 44.4

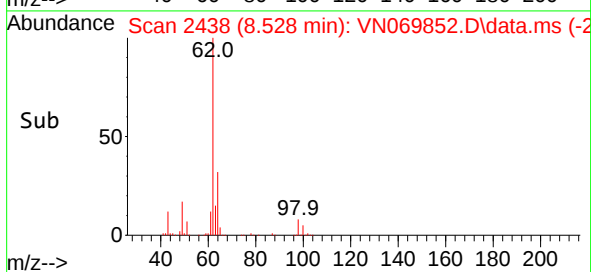
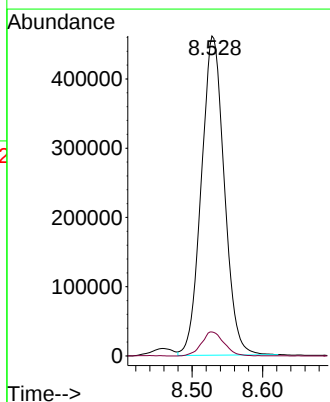
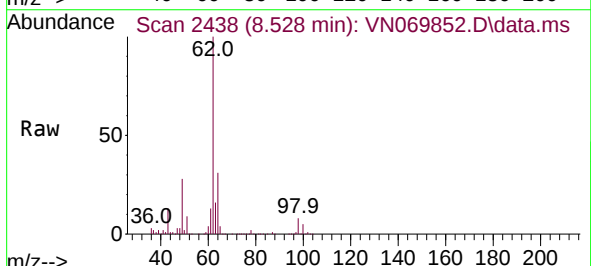
Manual Integrations
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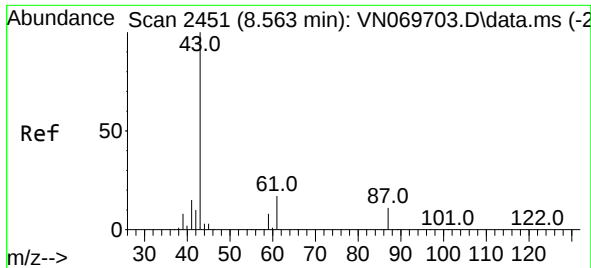
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 49.937 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 62 Resp: 1040522
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





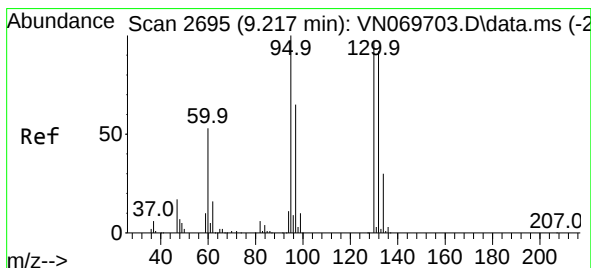
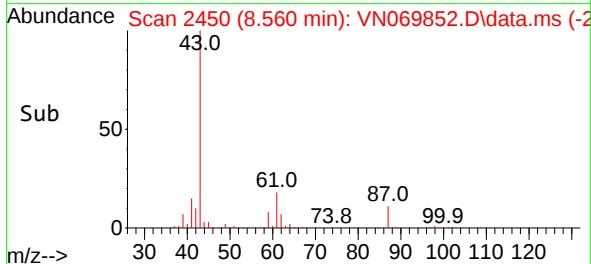
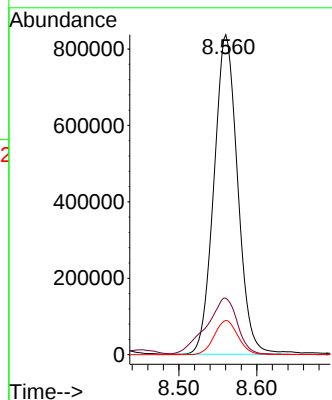
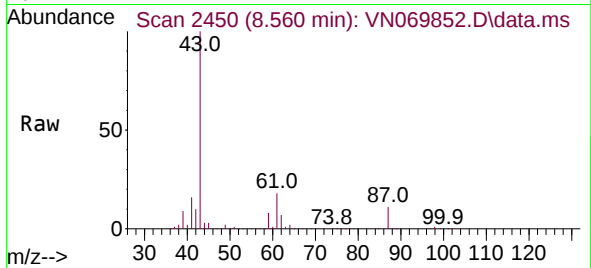
#43
Isopropyl Acetate
Concen: 47.478 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1765918
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 10.8 11.2 16.8

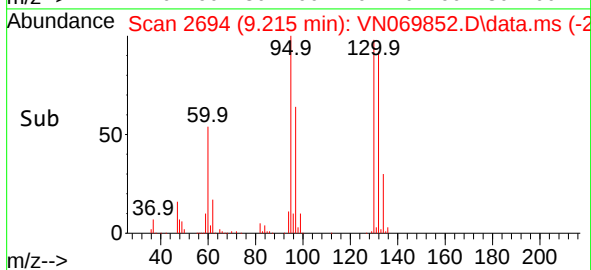
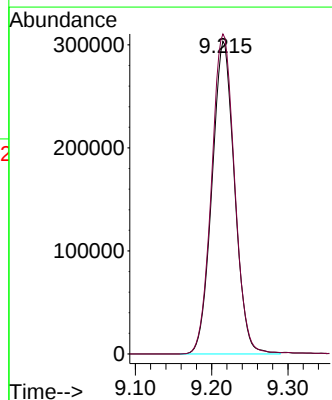
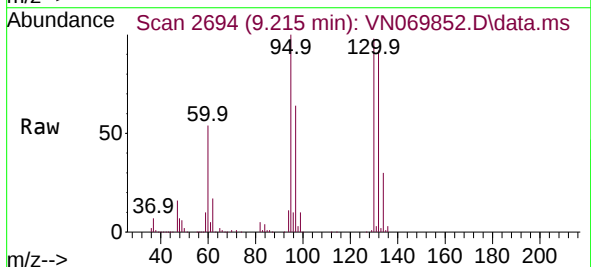
Manual Integrations
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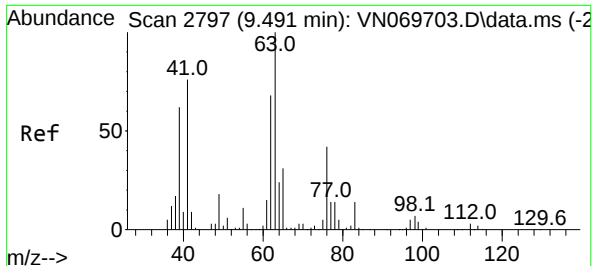
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 50.493 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion:130 Resp: 622065
Ion Ratio Lower Upper
130 100
95 102.3 0.0 191.2





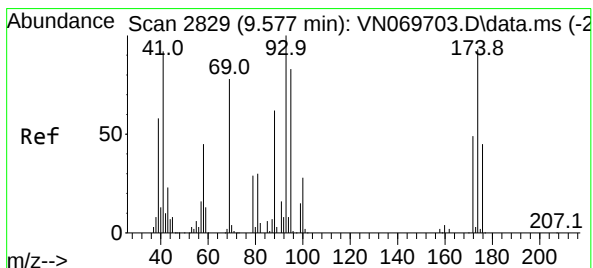
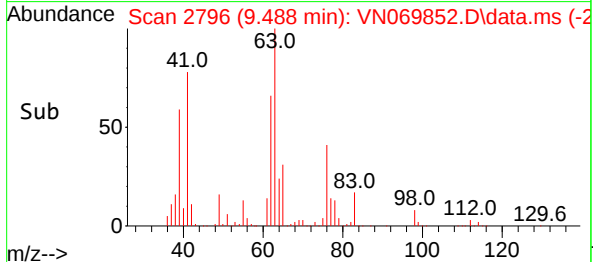
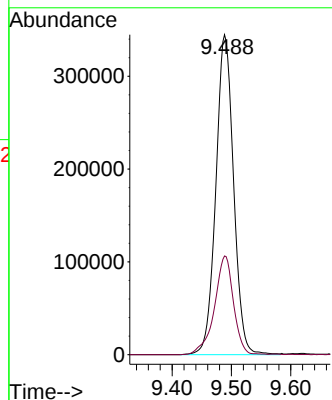
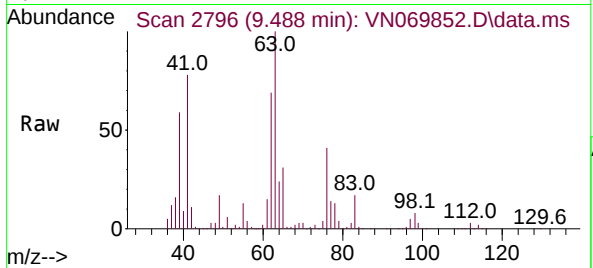
#45
1,2-Dichloropropane
Concen: 51.769 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 71757
Ion Ratio Lower Upper
63 100
65 30.8 24.7 37.1

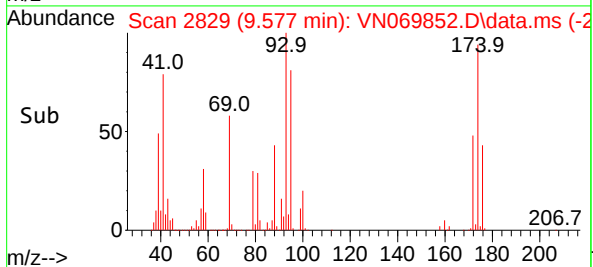
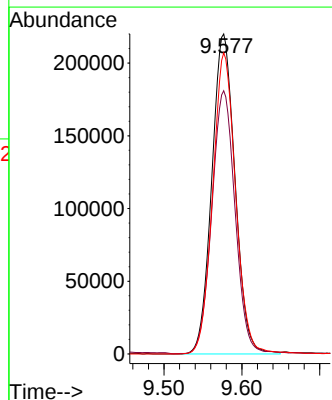
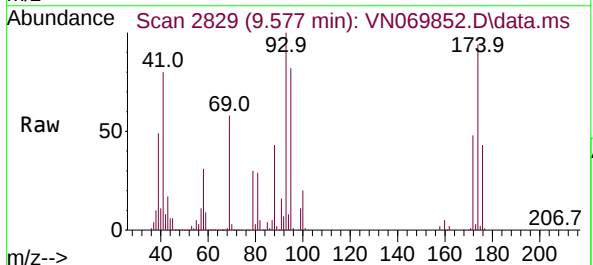
Manual Integrations
APPROVED

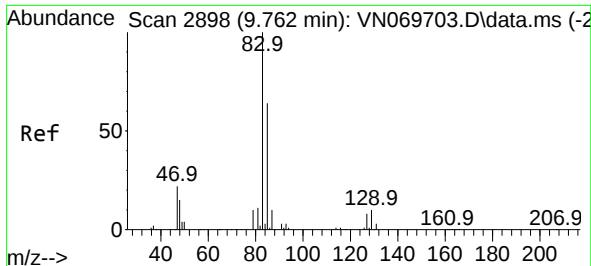
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#46
Dibromomethane
Concen: 50.110 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

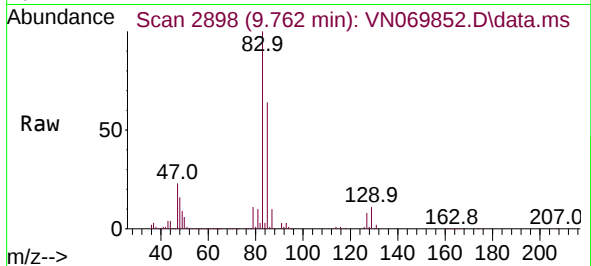
Tgt Ion: 93 Resp: 455527
Ion Ratio Lower Upper
93 100
95 82.4 65.9 98.9
174 93.2 84.6 127.0





#47
Bromodichloromethane
Concen: 52.572 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

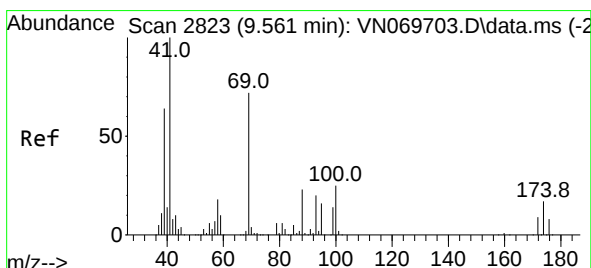
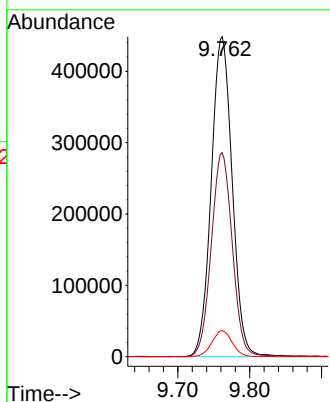
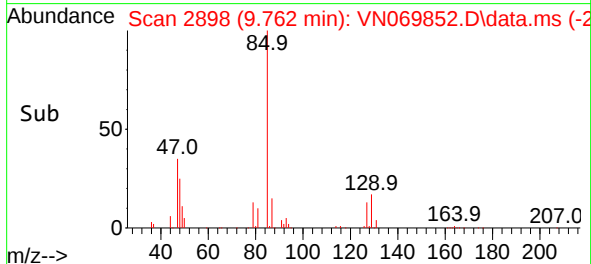
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 90485
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.2 7.1 10.7

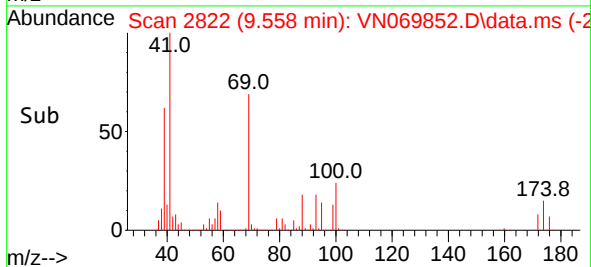
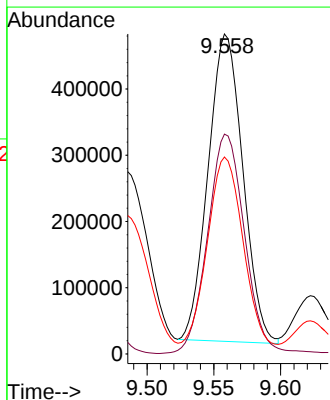
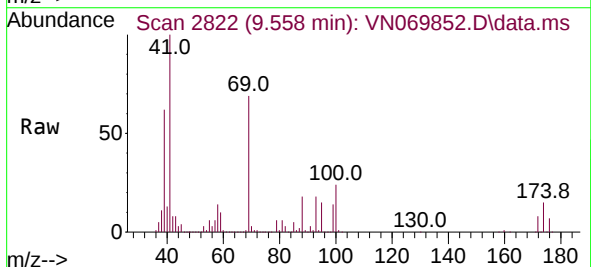
Manual Integrations
APPROVED

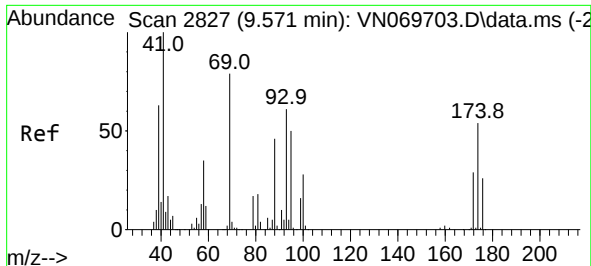
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 48.343 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 41 Resp: 839133
Ion Ratio Lower Upper
41 100
69 76.4 72.4 108.6
39 67.9 58.4 87.6





#49

1,4-Dioxane

Concen: 795.592 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.003 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 247789

Ion Ratio Lower Upper

88 100

43 36.8 23.4 35.2

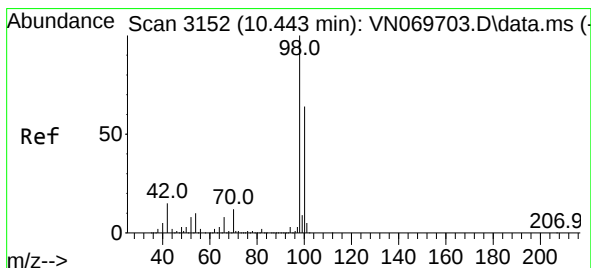
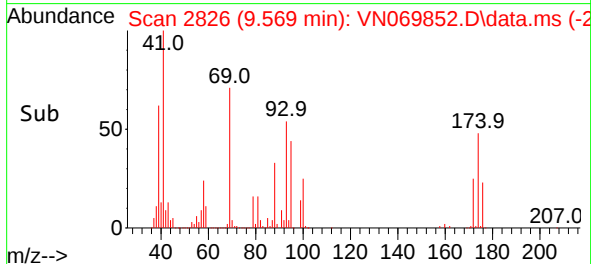
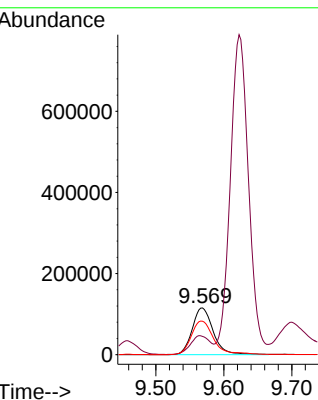
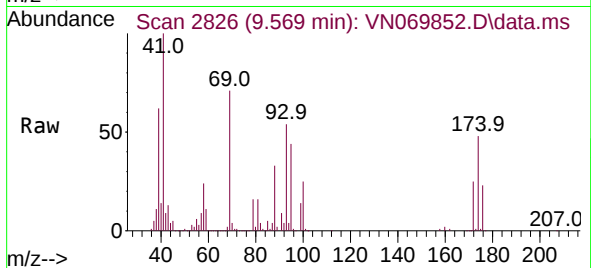
58 77.9 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 49.751 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069852.D

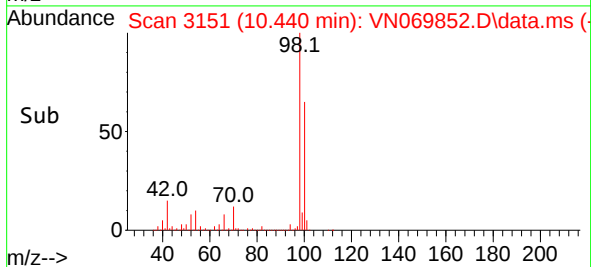
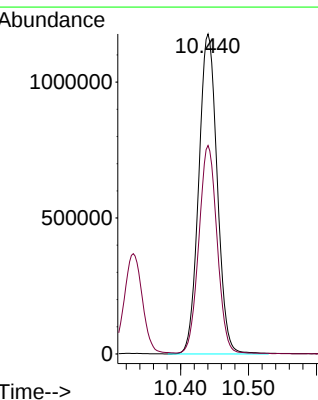
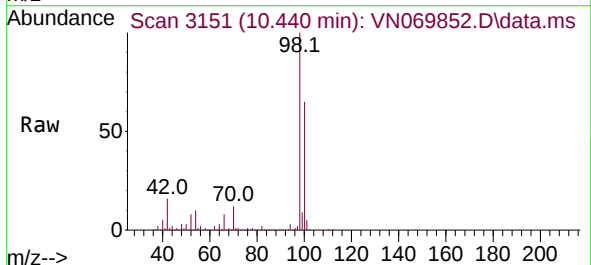
Acq: 8 Dec 2021 10:59

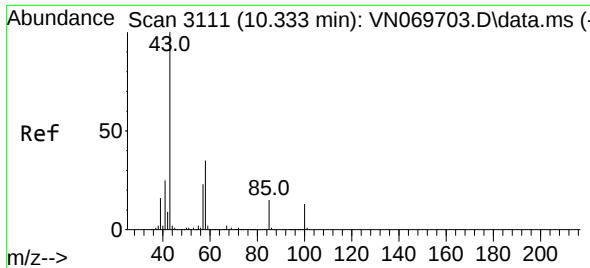
Tgt Ion: 98 Resp: 2219694

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6





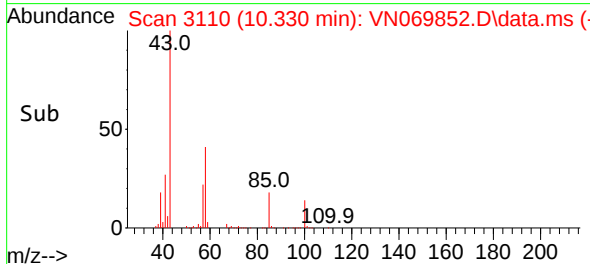
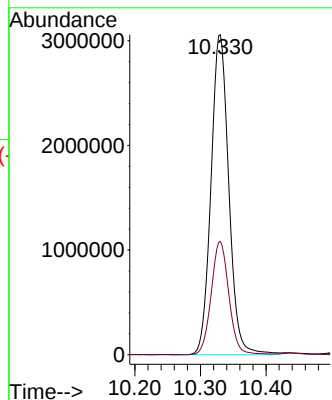
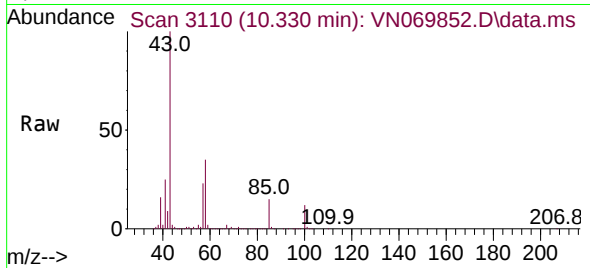
#51
4-Methyl-2-Pentanone
Concen: 238.812 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5762318
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

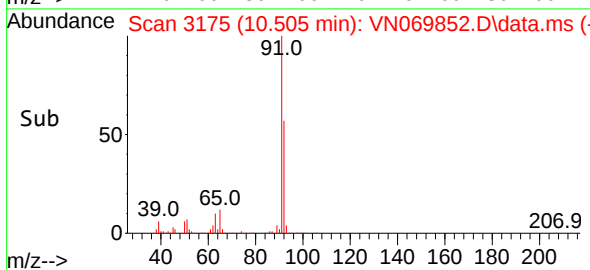
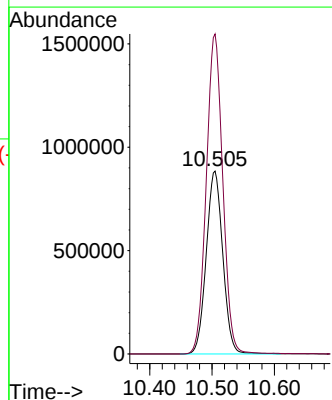
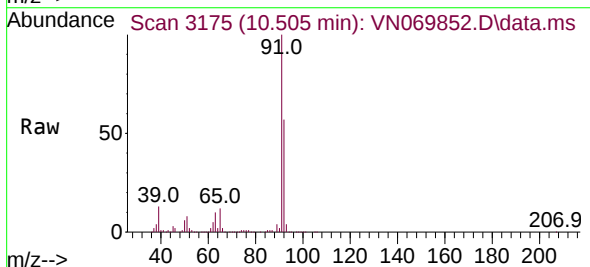
Manual Integrations
APPROVED

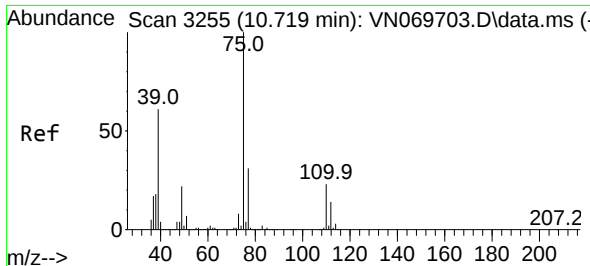
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 51.785 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 92 Resp: 1631900
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0





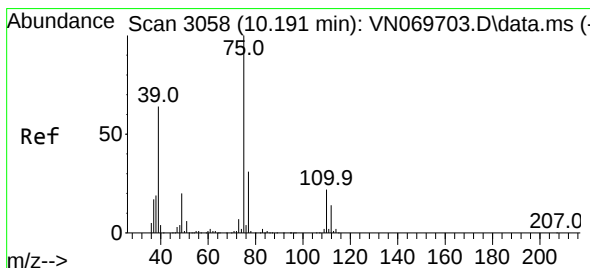
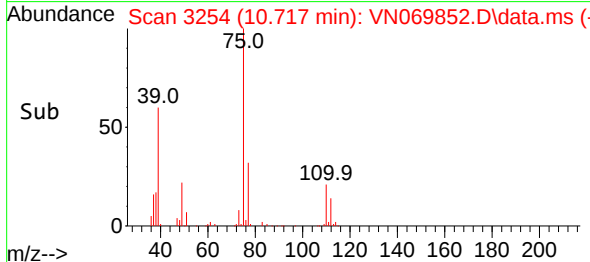
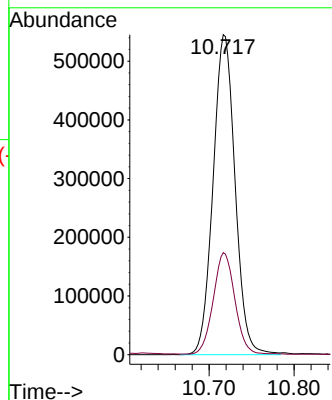
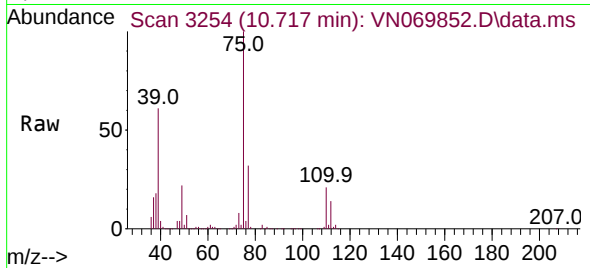
#53
t-1,3-Dichloropropene
Concen: 47.505 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 98050
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

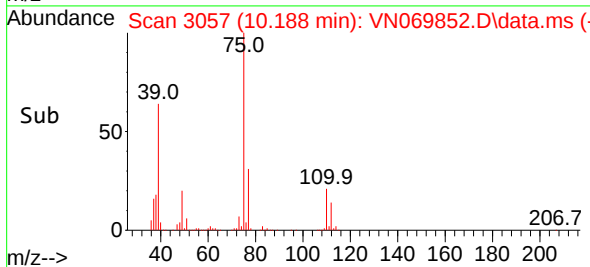
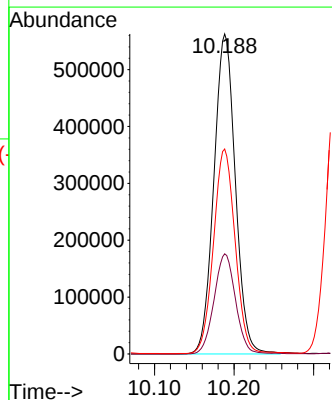
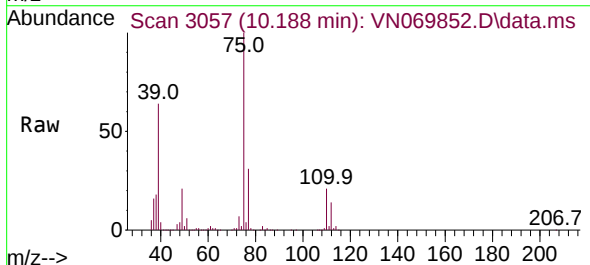
Manual Integrations
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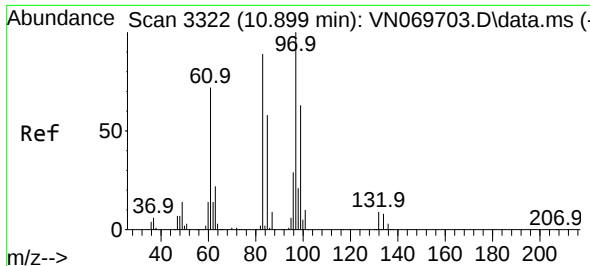
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 48.748 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

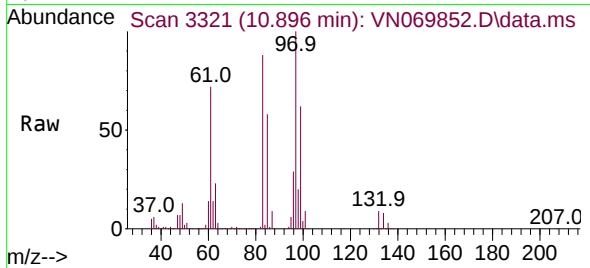
Tgt Ion: 75 Resp: 1058118
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 63.9 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 50.556 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

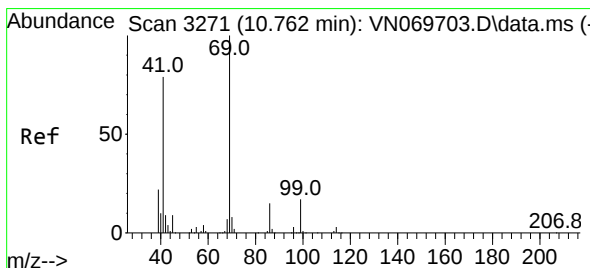
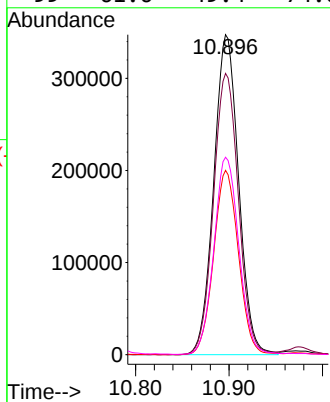
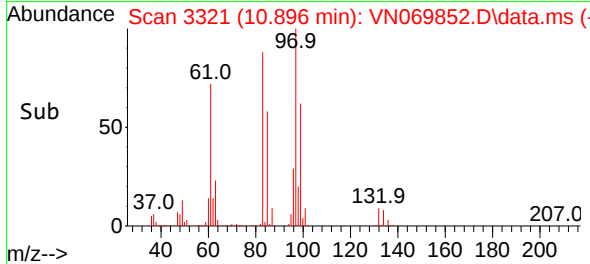
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



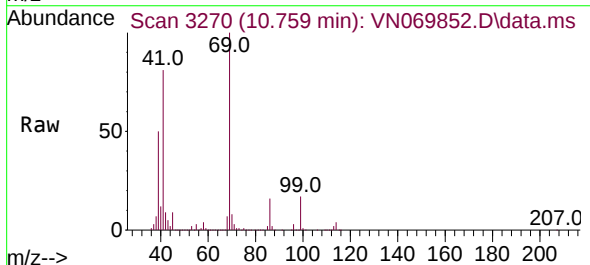
Tgt Ion: 97 Resp: 642814
Ion Ratio Lower Upper
97 100
83 87.9 67.8 101.6
85 57.6 45.4 68.2
99 61.6 49.4 74.0

Manual Integrations
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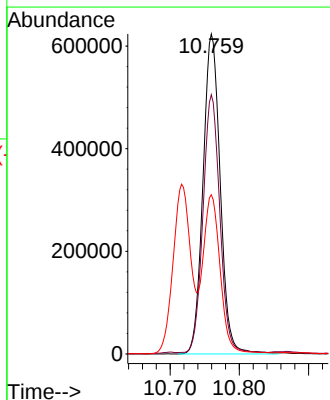
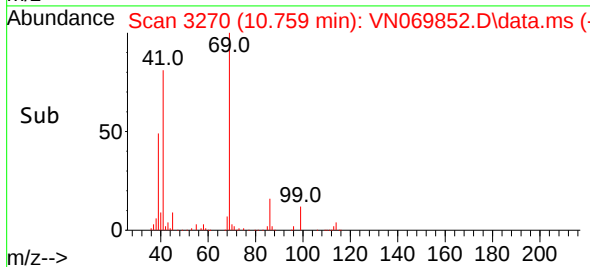
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

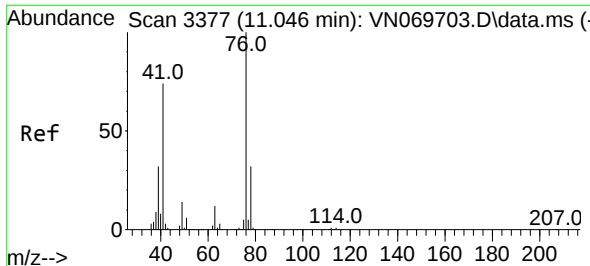


#56
Ethyl methacrylate
Concen: 45.178 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



Tgt Ion: 69 Resp: 1078339
Ion Ratio Lower Upper
69 100
41 78.4 51.4 77.0#
39 47.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 50.894 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1139430

Ion Ratio Lower Upper

76 100

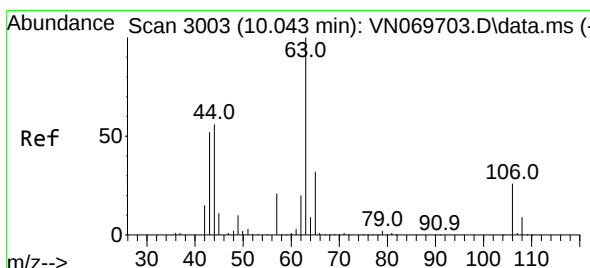
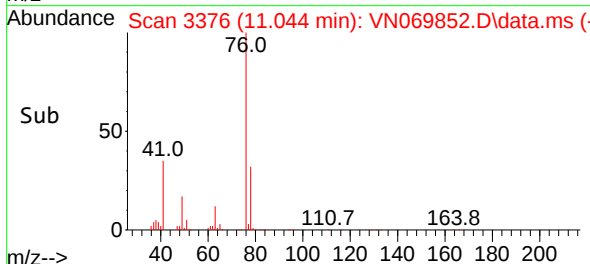
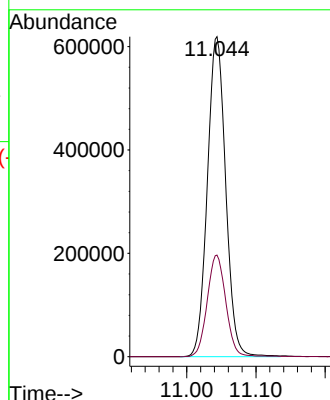
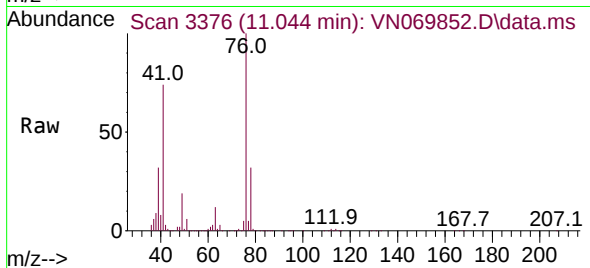
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 197.940 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069852.D

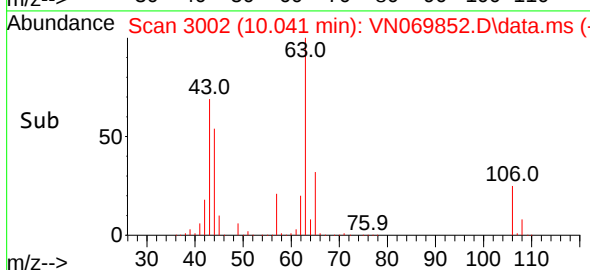
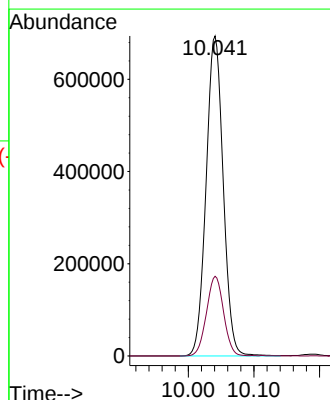
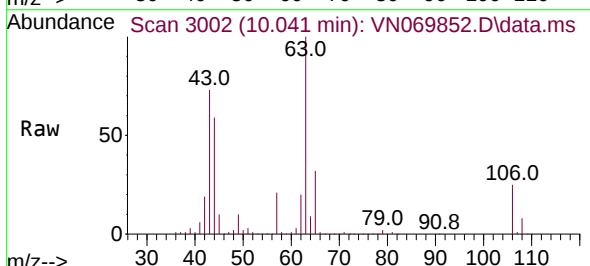
Acq: 8 Dec 2021 10:59

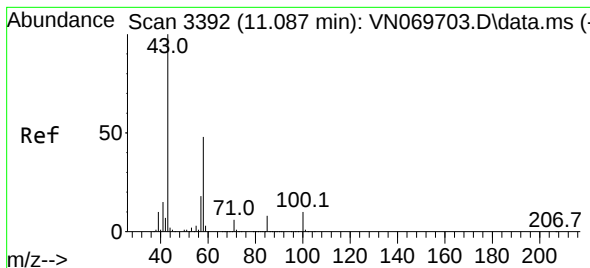
Tgt Ion: 63 Resp: 1255616

Ion Ratio Lower Upper

63 100

106 24.9 23.9 35.9





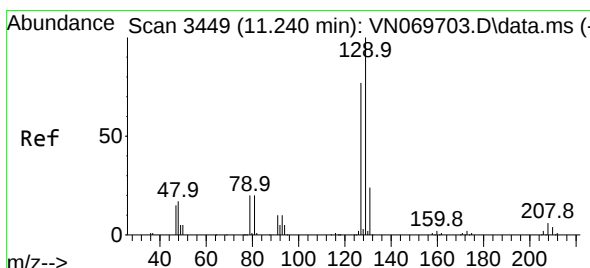
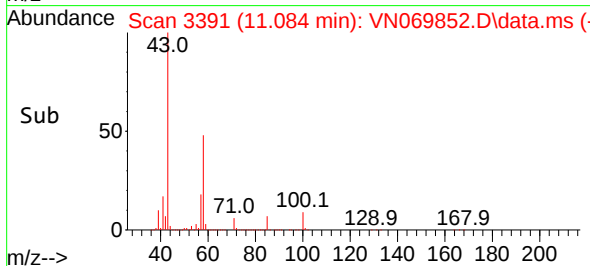
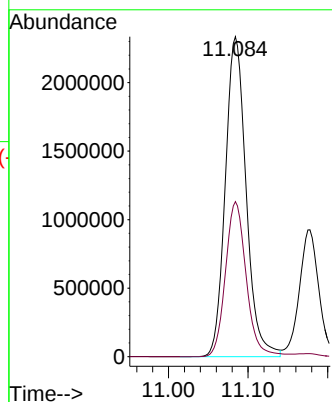
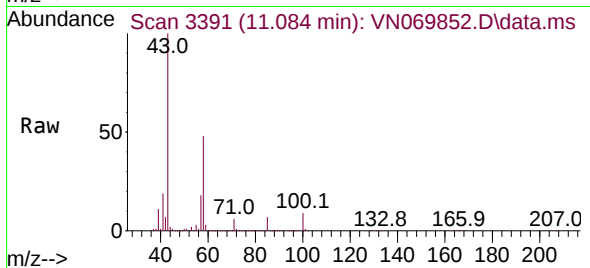
#59
2-Hexanone
Concen: 232.715 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 424772
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

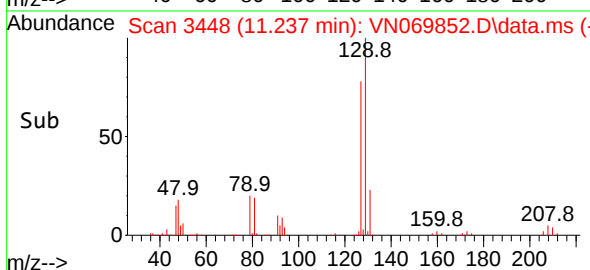
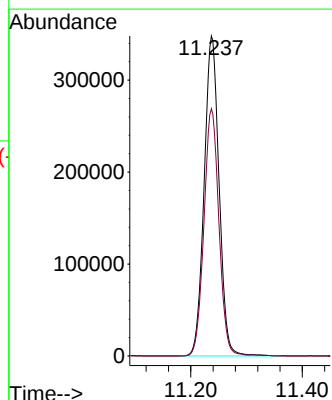
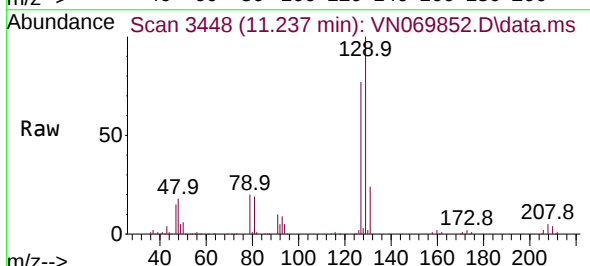
Manual Integrations
APPROVED

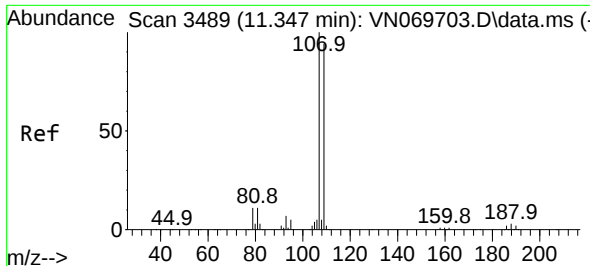
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 47.611 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

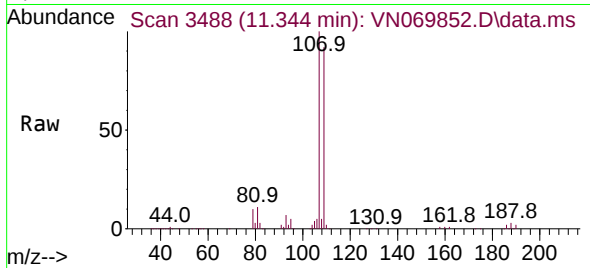
Tgt Ion:129 Resp: 647002
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.269 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

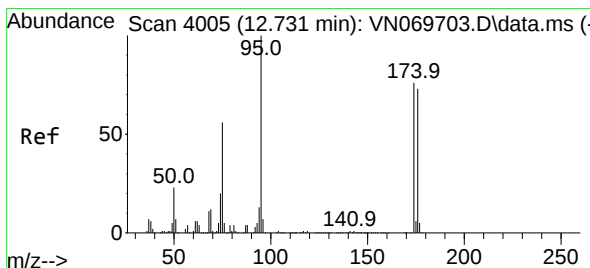
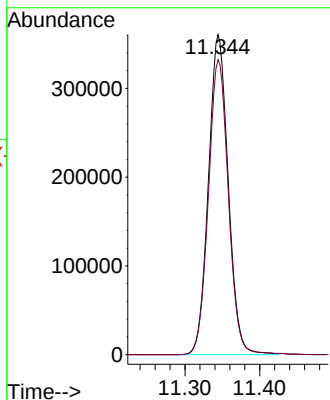
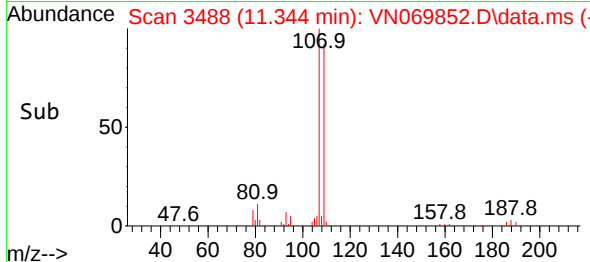
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 66203
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

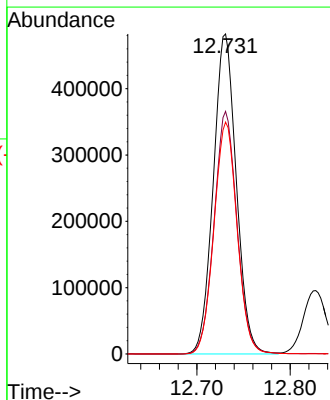
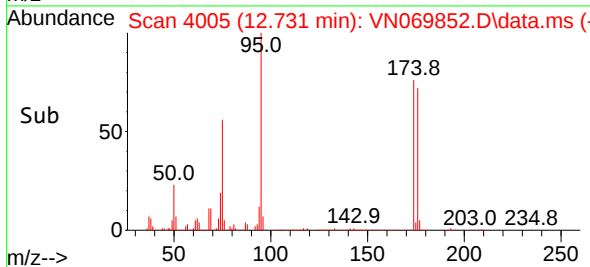
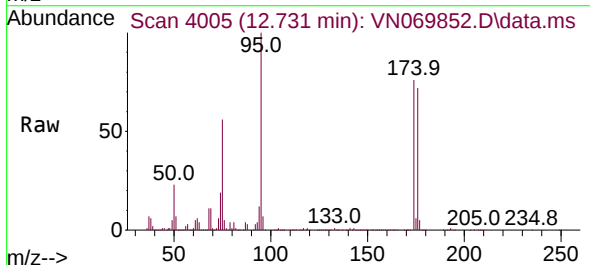
Manual Integrations
APPROVED

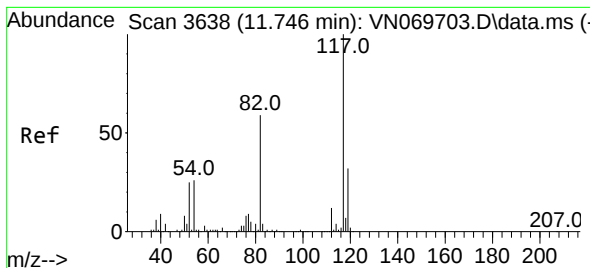
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 51.102 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 95 Resp: 825982
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 168001

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

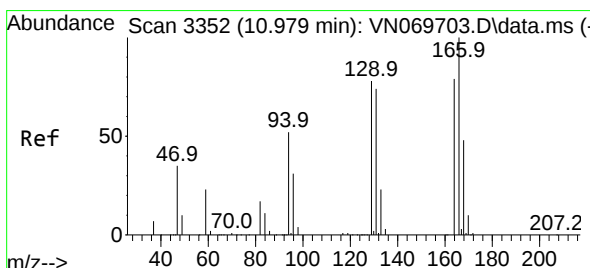
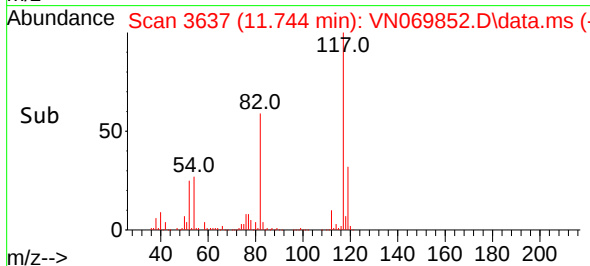
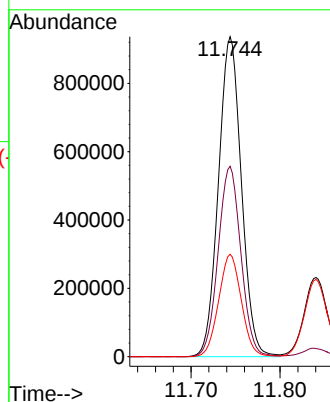
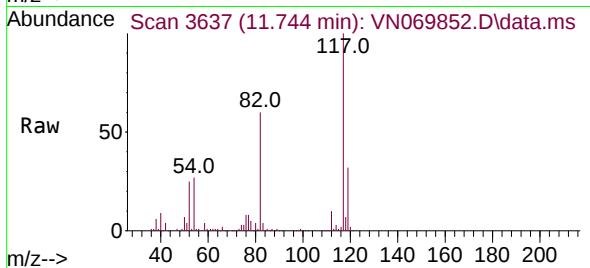
119 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#64

Tetrachloroethene

Concen: 50.480 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Tgt Ion:164 Resp: 575052

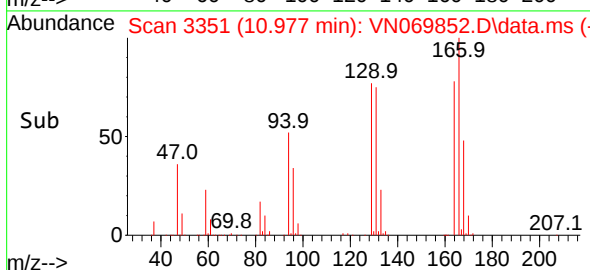
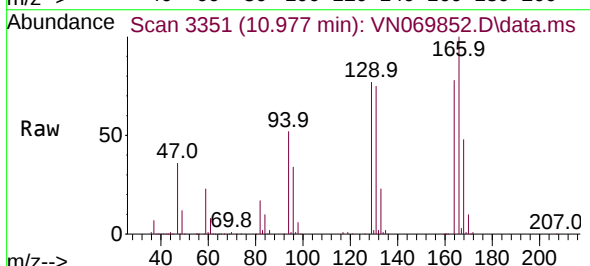
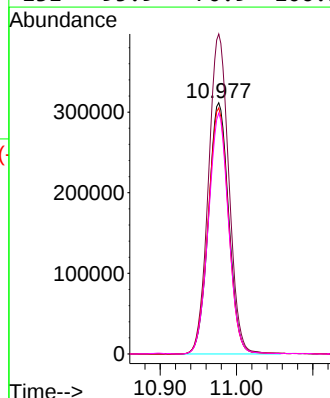
Ion Ratio Lower Upper

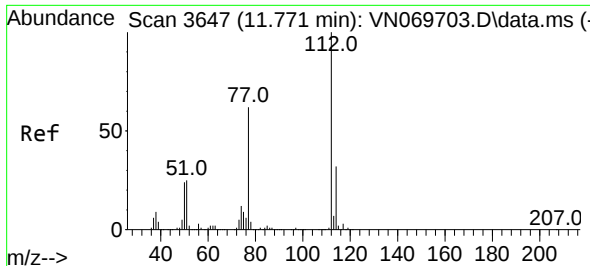
164 100

166 127.4 101.9 152.9

129 98.0 72.0 108.0

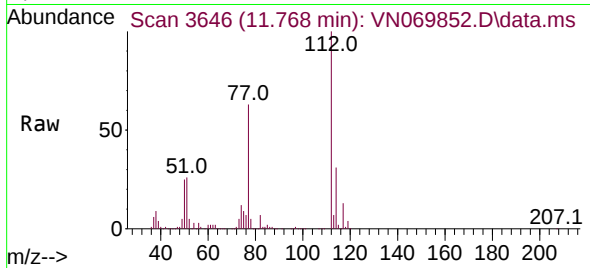
131 95.9 70.9 106.3





#65
Chlorobenzene
Concen: 50.875 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

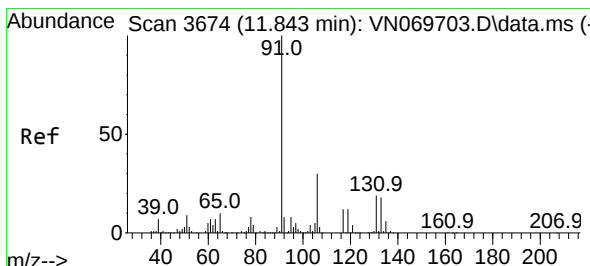
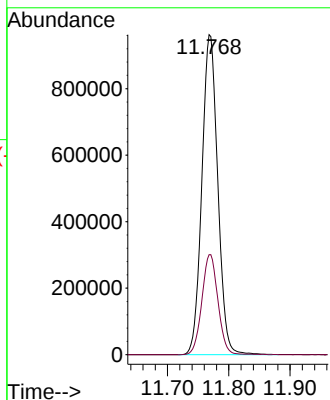
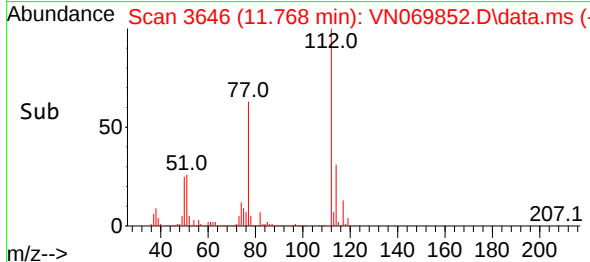
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



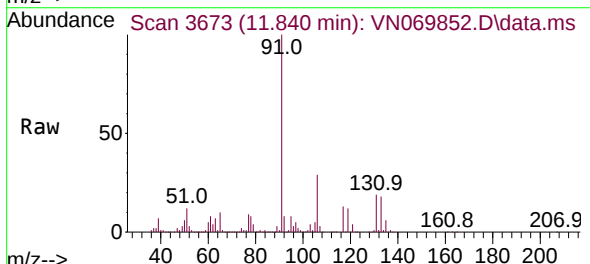
Tgt Ion:112 Resp: 173396
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

Manual Integrations
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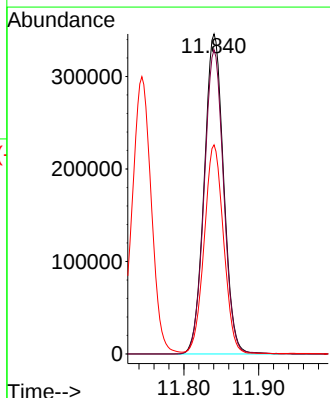
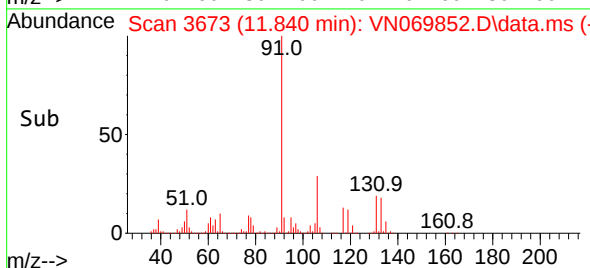
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.117 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



Tgt Ion:131 Resp: 625194
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.9 32.1 96.5





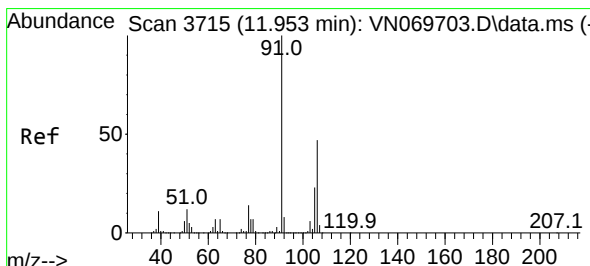
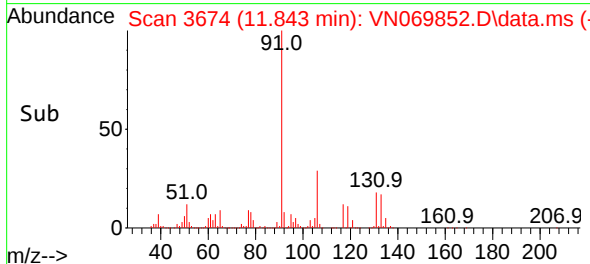
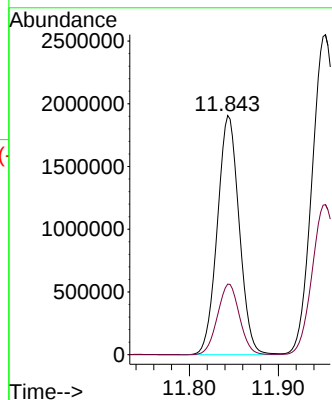
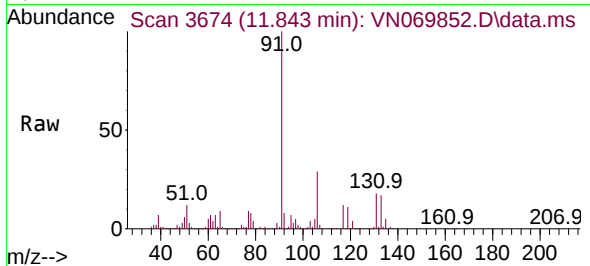
#67
Ethyl Benzene
Concen: 52.502 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 3250379
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

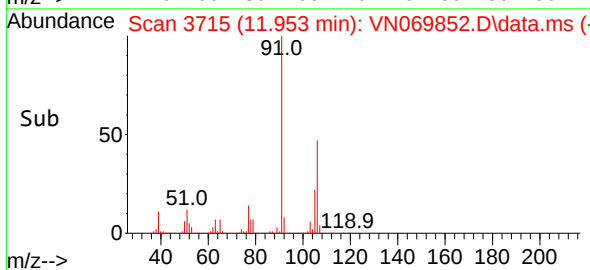
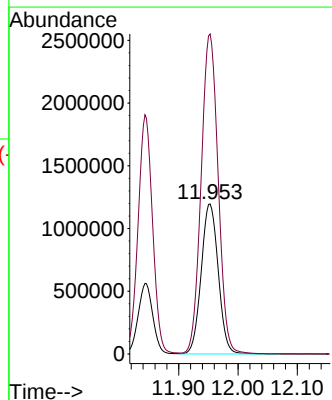
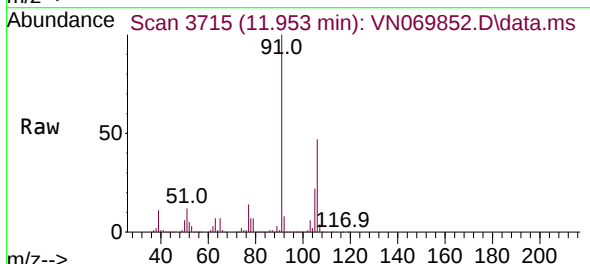
Manual Integrations
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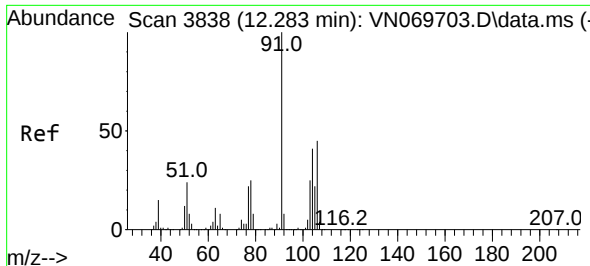
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 105.697 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion:106 Resp: 2382616
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8





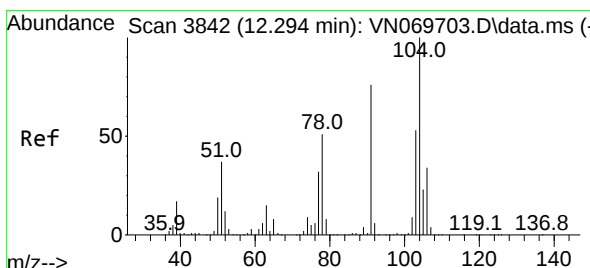
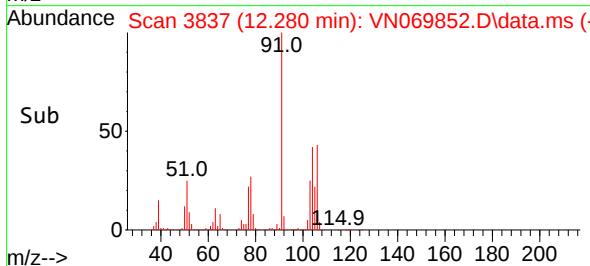
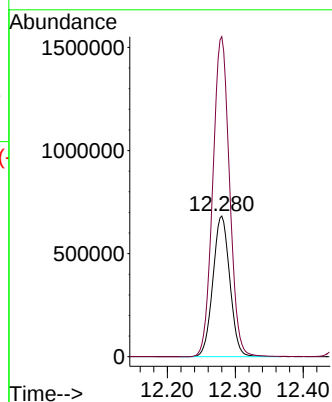
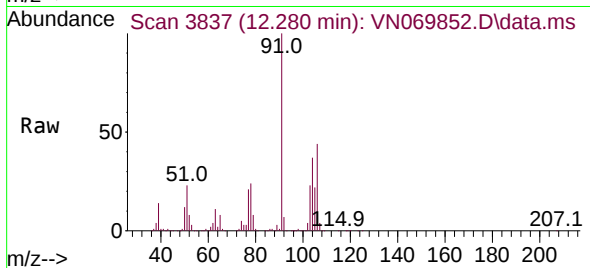
#69
o-Xylene
Concen: 51.894 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1178294
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

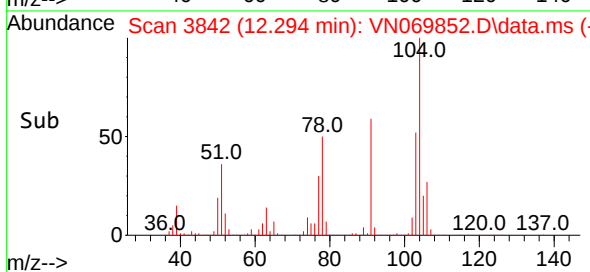
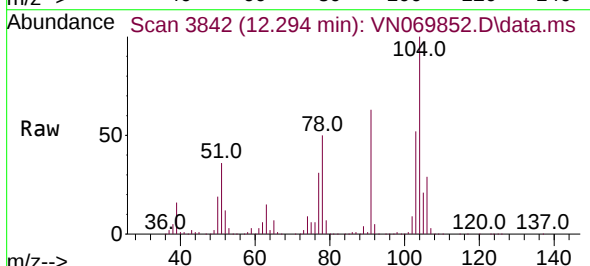
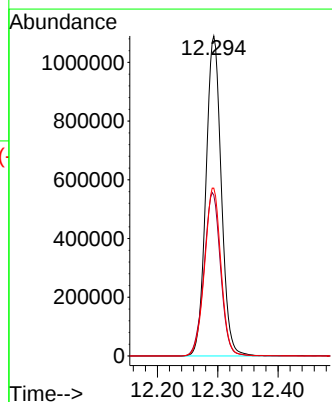
Manual Integrations
APPROVED

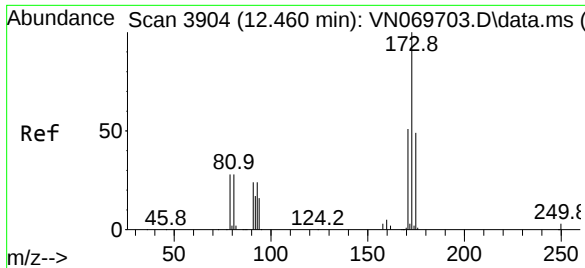
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 53.582 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

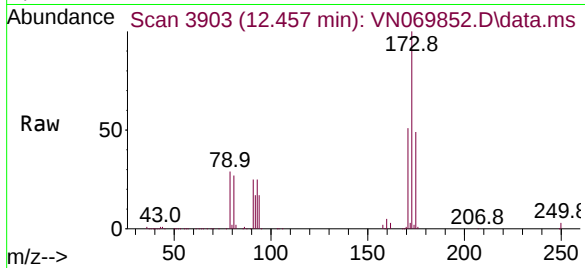
Tgt Ion:104 Resp: 1929209
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 45.682 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

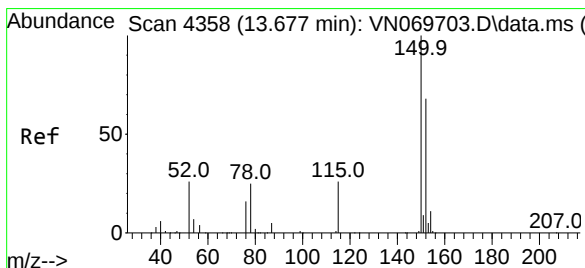
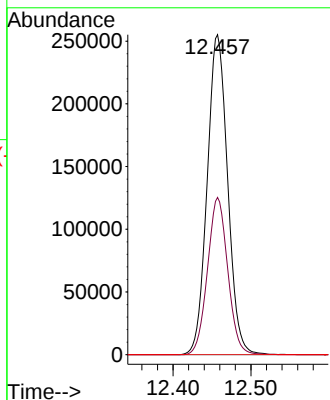
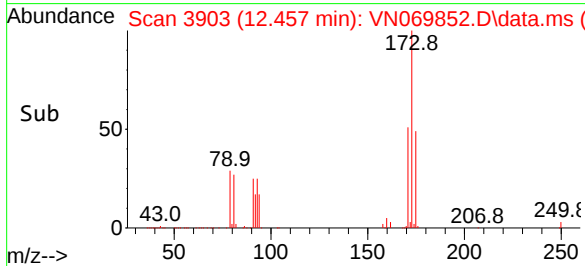
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



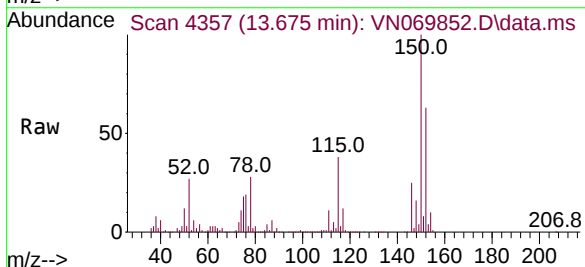
Tgt Ion:173 Resp: 466140
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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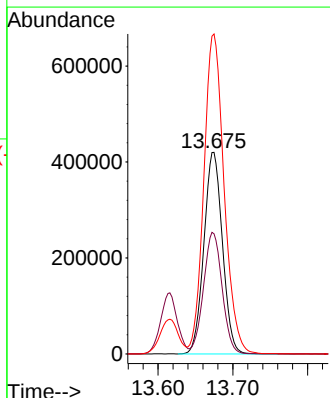
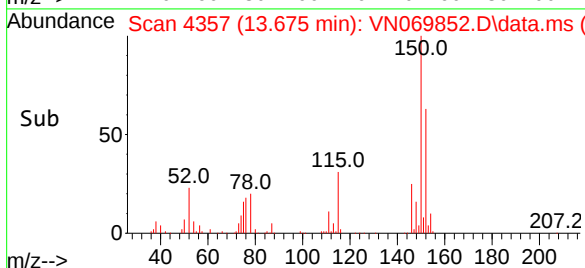
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

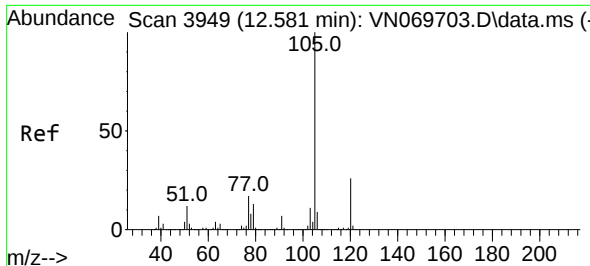


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



Tgt Ion:152 Resp: 723124
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 173.8 0.0 344.4





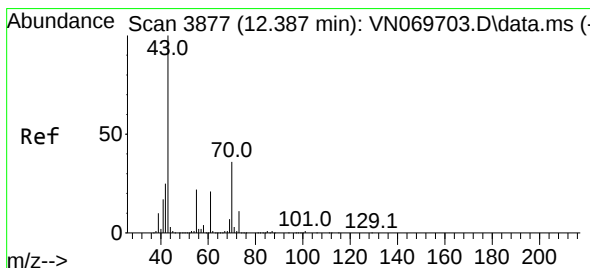
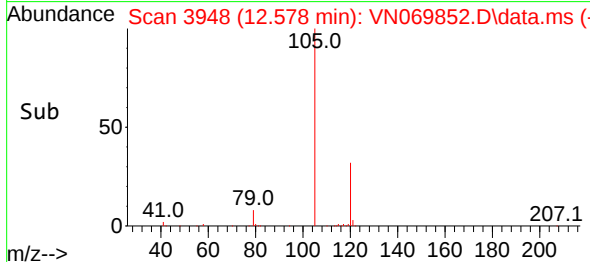
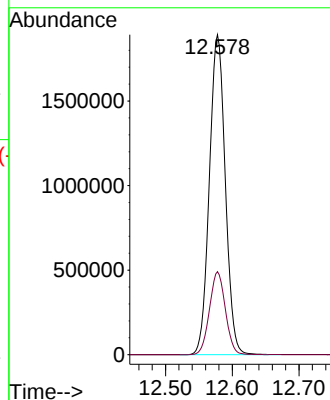
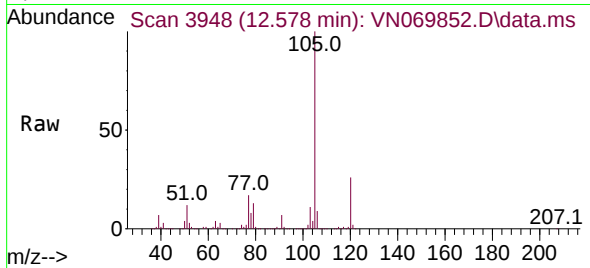
#73
Isopropylbenzene
Concen: 48.688 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 3132474
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

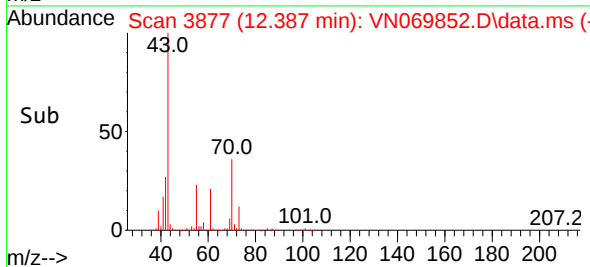
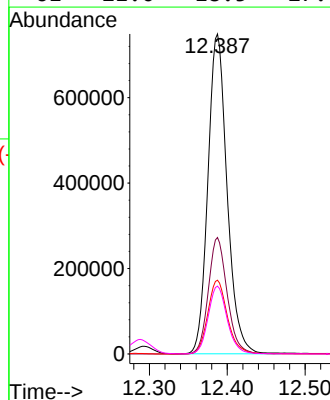
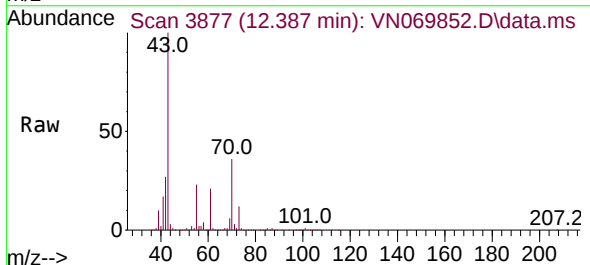
Manual Integrations
APPROVED

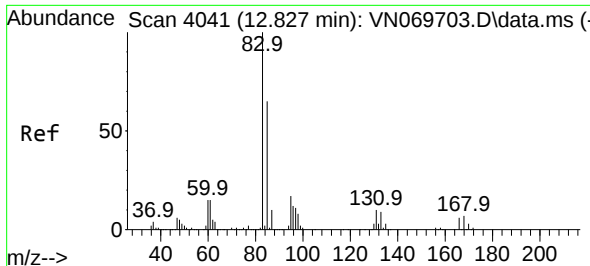
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-ethyl acetate
Concen: 45.040 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 43 Resp: 1281509
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 23.6 19.3 28.9
61 21.0 18.5 27.7





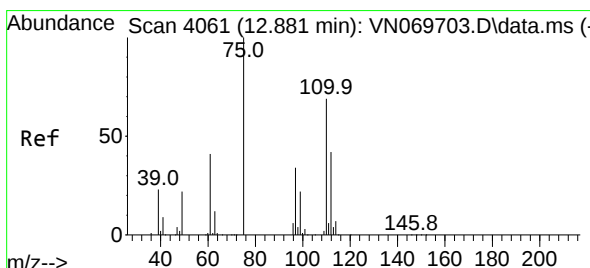
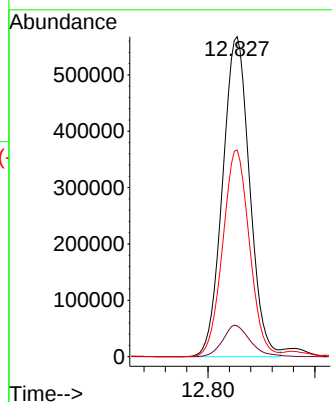
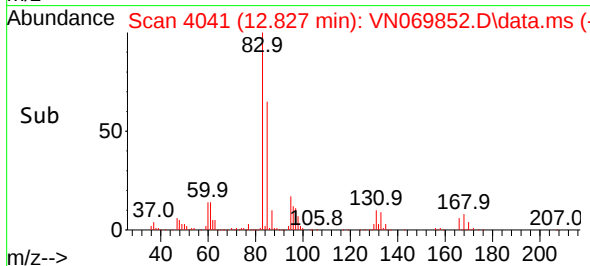
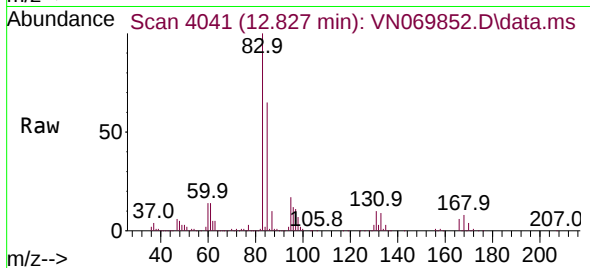
#75
1,1,2,2-Tetrachloroethane
Concen: 44.876 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 99841
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.0 32.4 97.2

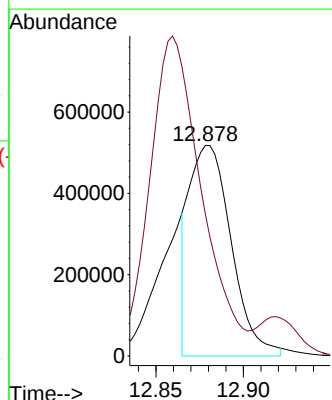
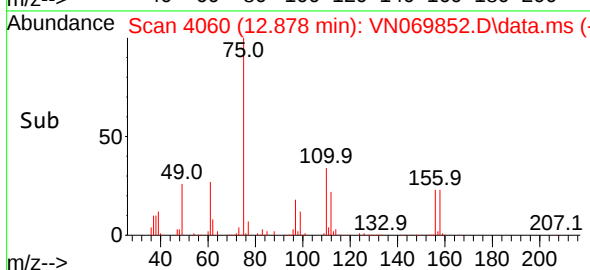
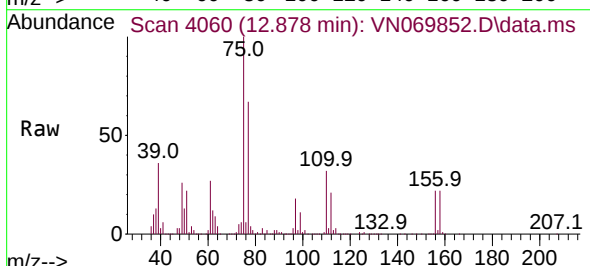
Manual Integrations
APPROVED

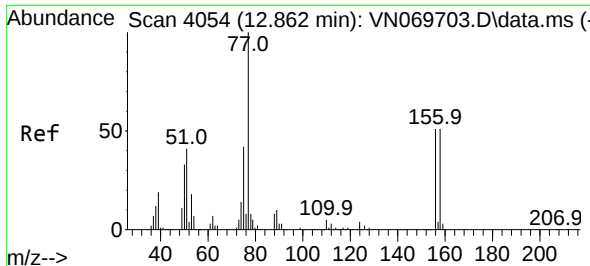
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 41.783 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 75 Resp: 866468
Ion Ratio Lower Upper
75 100
77 187.0 82.6 247.8





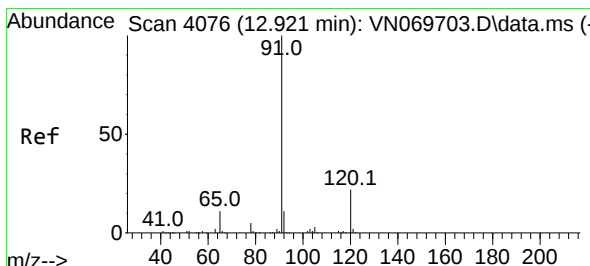
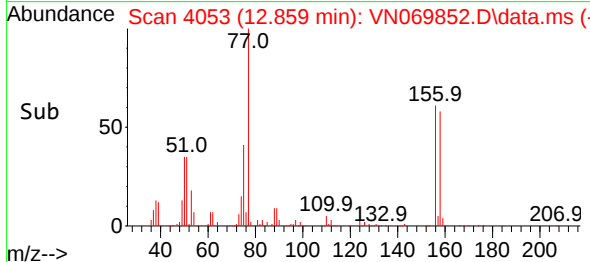
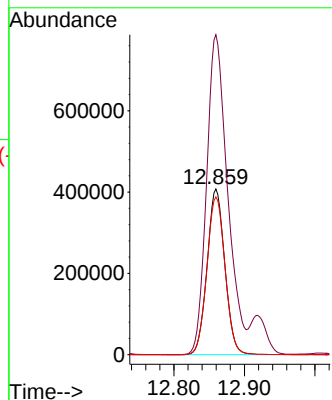
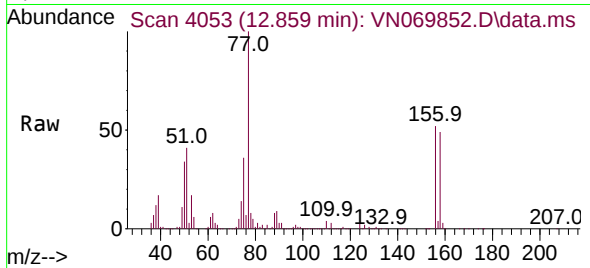
#77
Bromobenzene
Concen: 47.041 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 710892
Ion Ratio Lower Upper
156 100
77 227.9 90.6 271.8
158 97.5 48.9 146.7

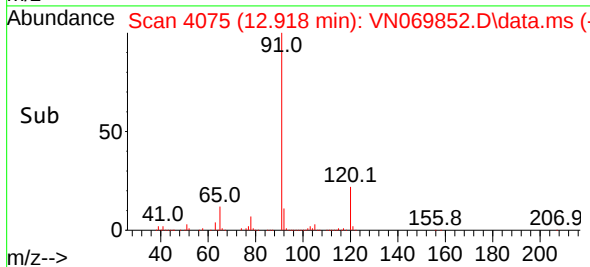
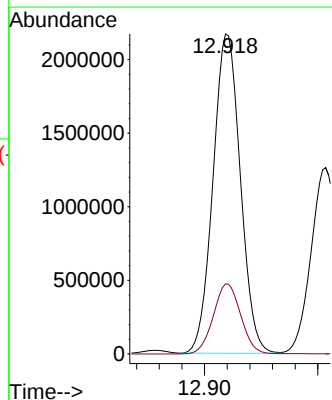
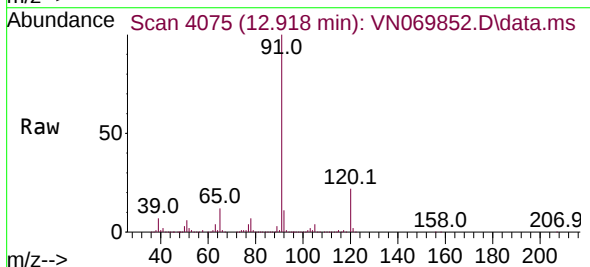
Manual Integrations
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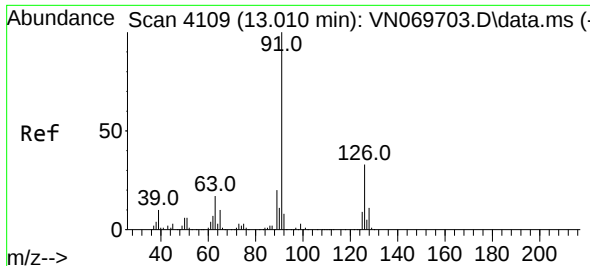
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 50.643 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 91 Resp: 3625697
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





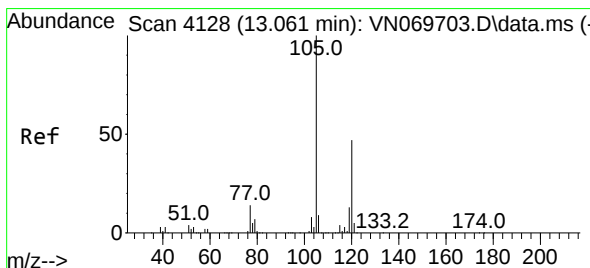
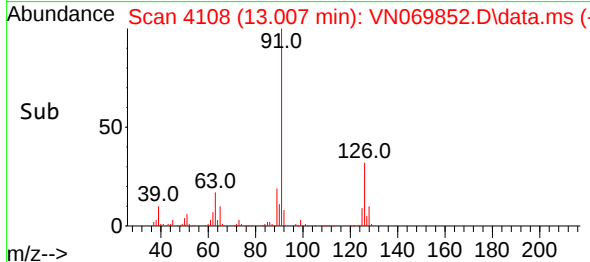
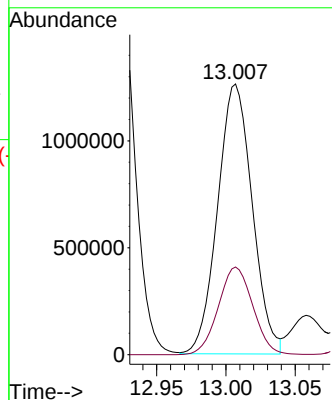
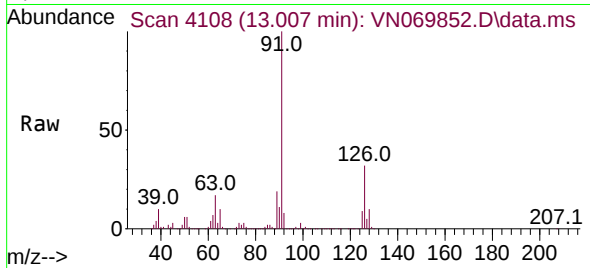
#79
2-Chlorotoluene
Concen: 48.645 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 220058
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

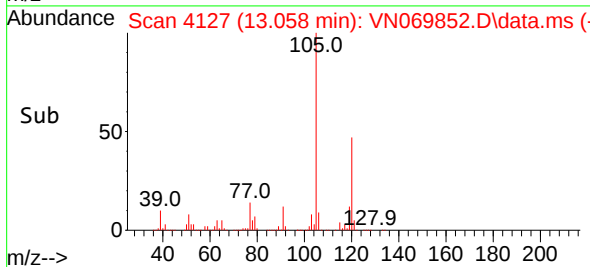
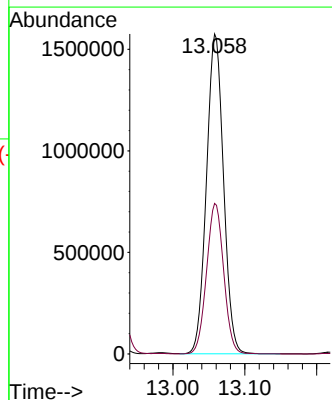
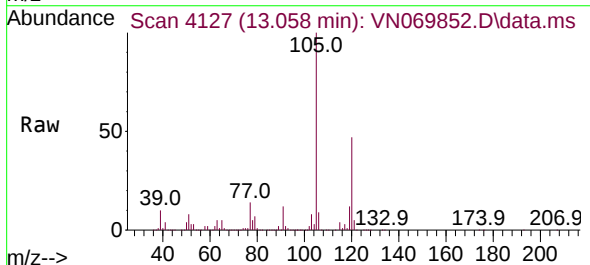
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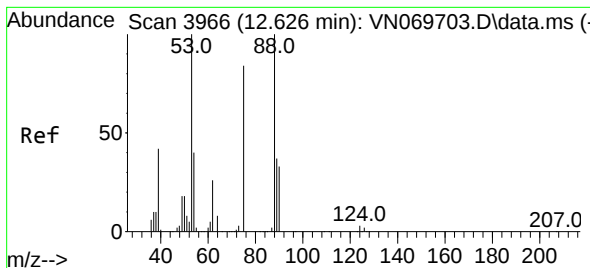
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.138 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

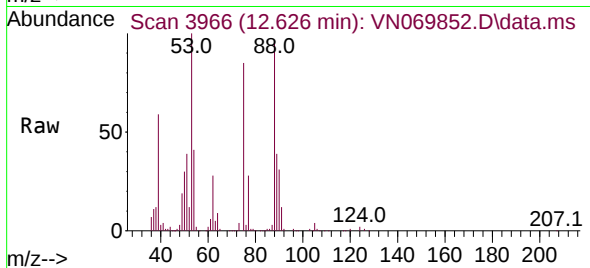
Tgt Ion:105 Resp: 2596362
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.246 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

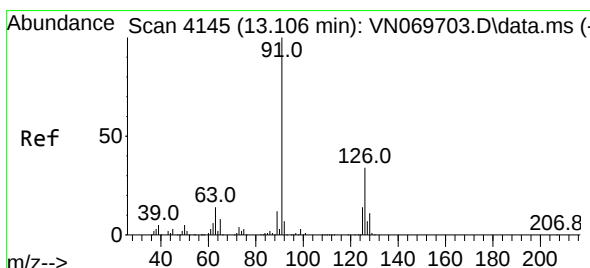
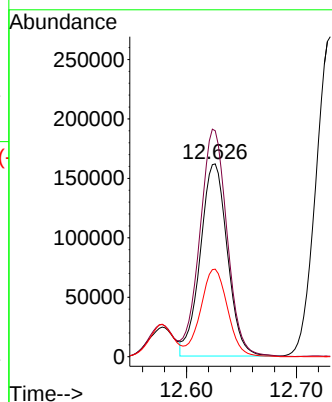
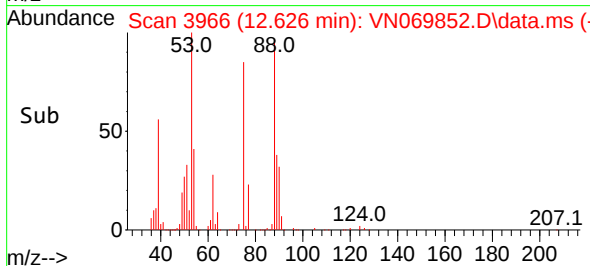
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 277132
Ion Ratio Lower Upper
75 100
53 119.0 90.5 135.7
89 45.5 38.2 57.4

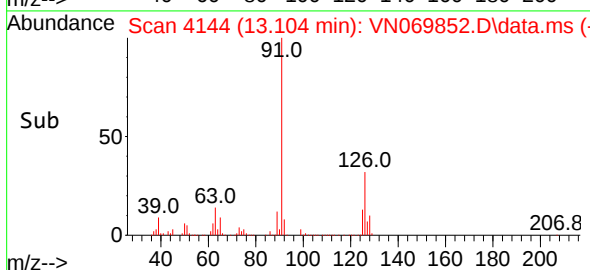
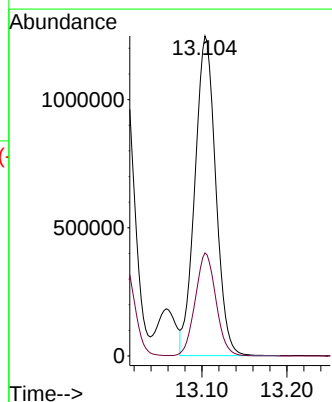
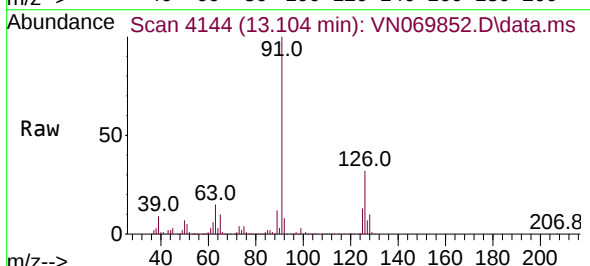
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 49.940 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion: 91 Resp: 2124621
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





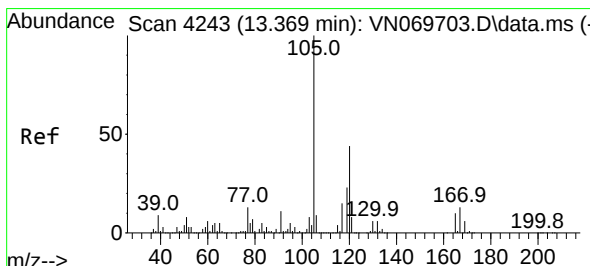
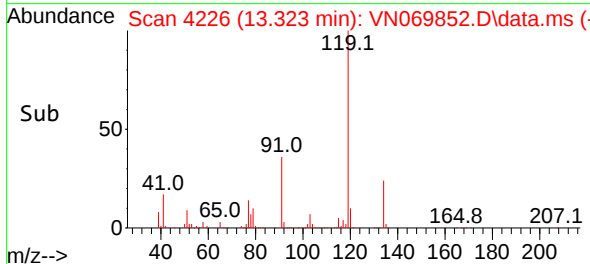
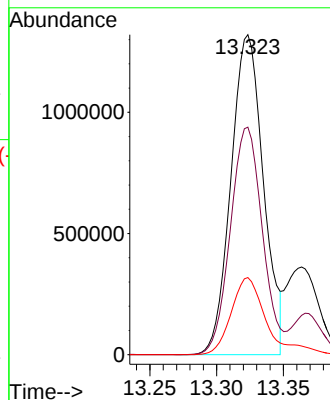
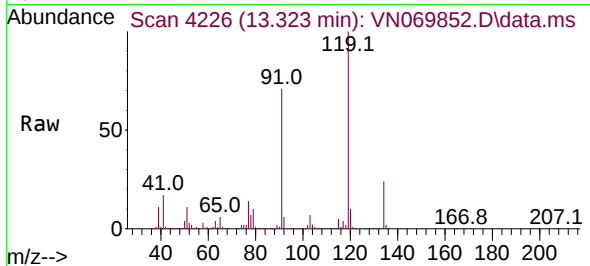
#83
tert-Butylbenzene
Concen: 48.777 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 223660
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 26.2 12.4 37.4

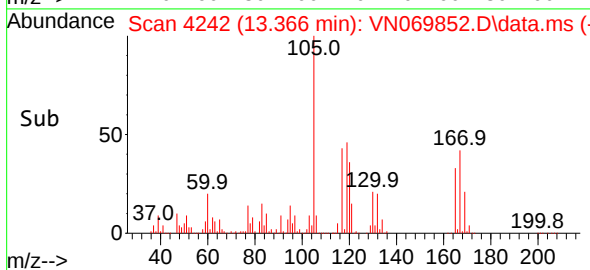
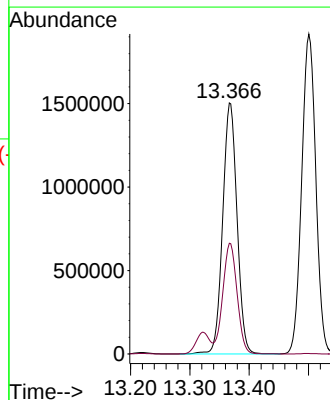
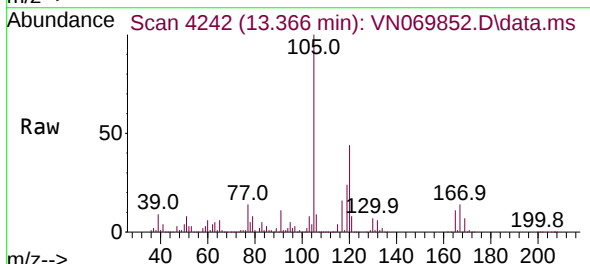
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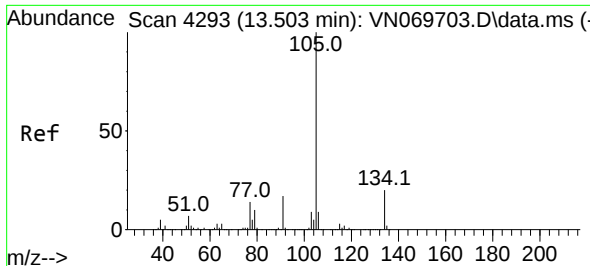
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 51.397 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Tgt Ion:105 Resp: 2534766
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





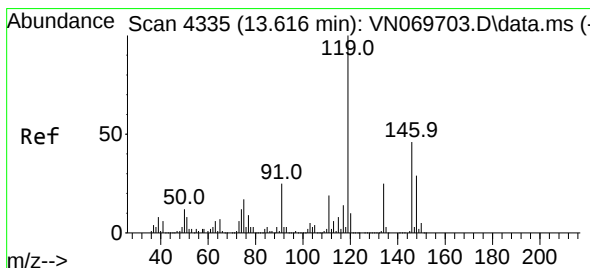
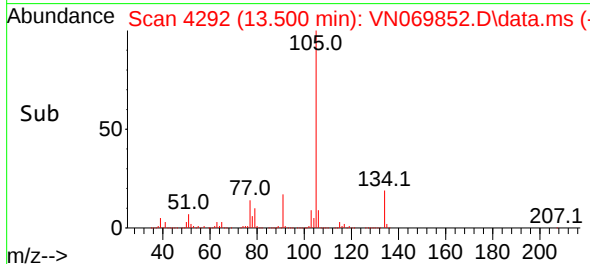
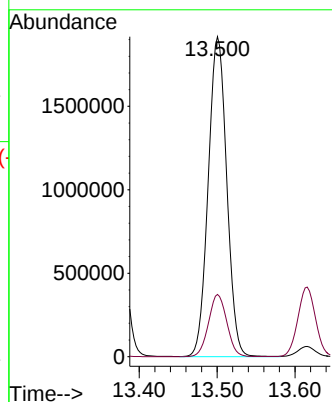
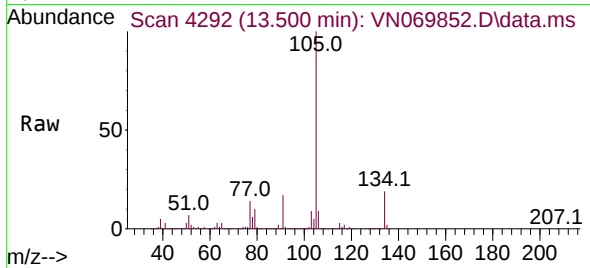
#85
 sec-Butylbenzene
 Concen: 50.890 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069852.D
 Acq: 8 Dec 2021 10:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 316514
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

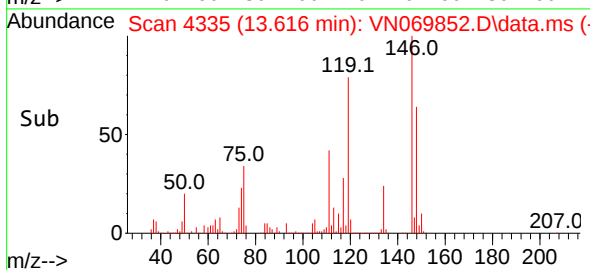
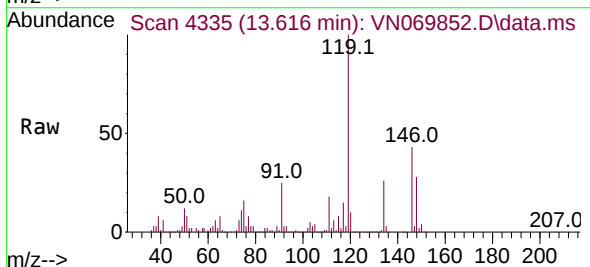
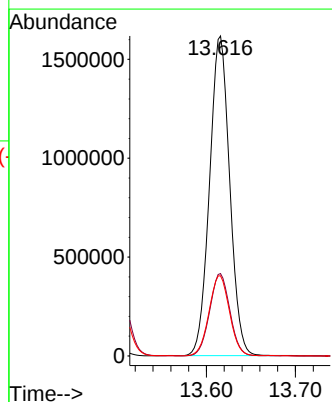
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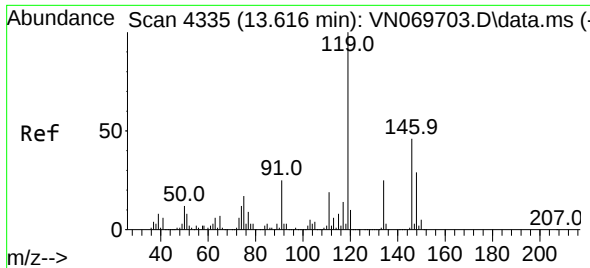
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 52.189 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069852.D
 Acq: 8 Dec 2021 10:59

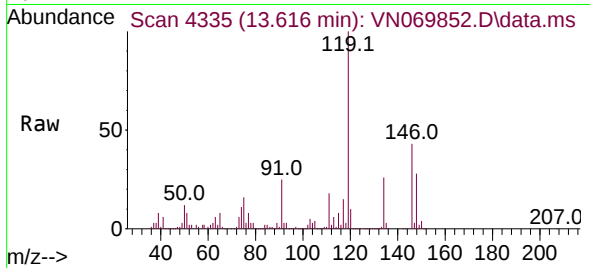
Tgt Ion:119 Resp: 2537236
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.455 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

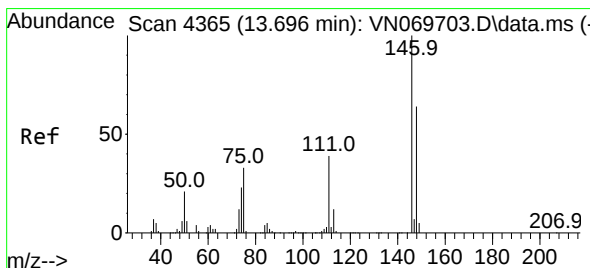
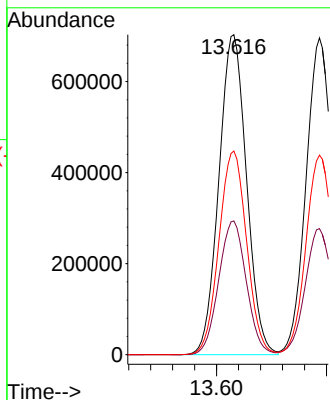
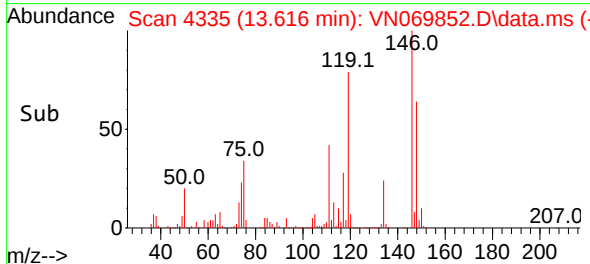
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



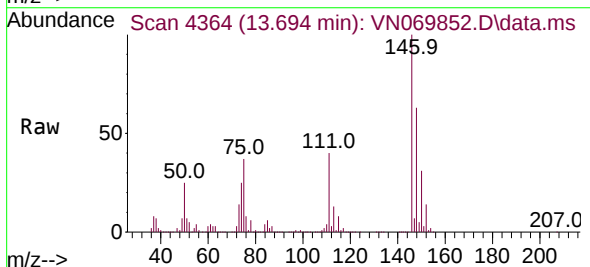
Tgt Ion:146 Resp: 122779
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
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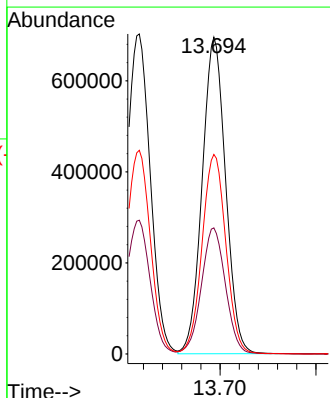
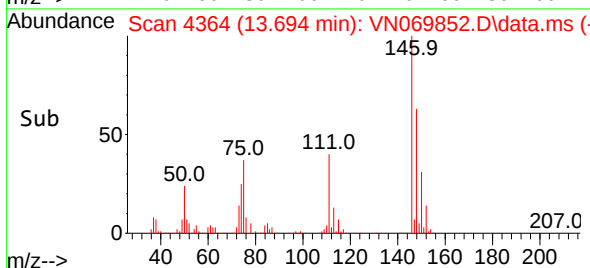
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 48.412 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



Tgt Ion:146 Resp: 1181138
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.3 31.8 95.4





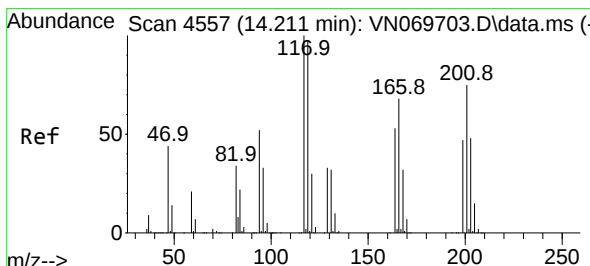
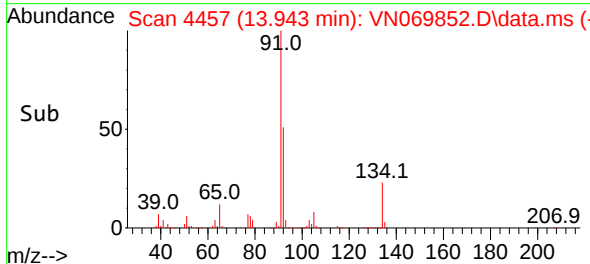
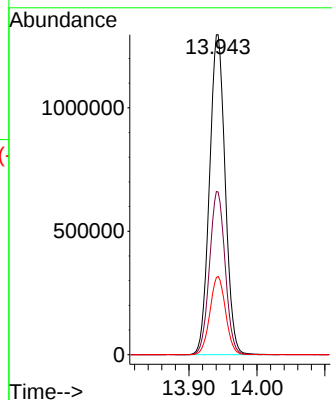
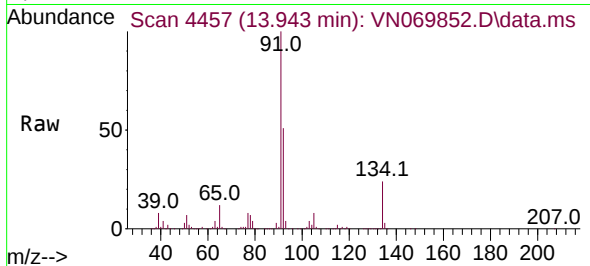
#89
n-Butylbenzene
Concen: 52.617 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 207506
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 24.4 13.6 40.8

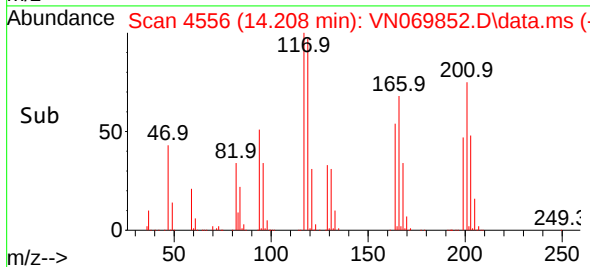
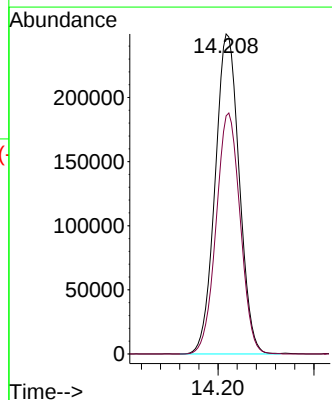
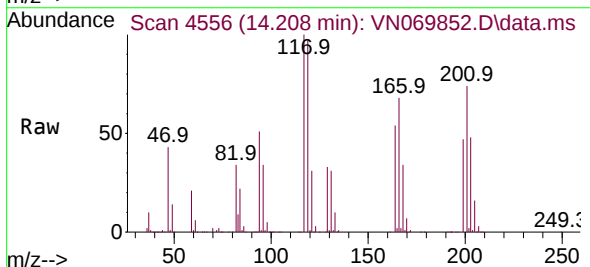
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 50.933 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

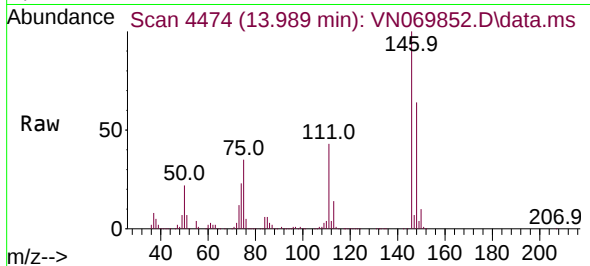
Tgt Ion:117 Resp: 434735
Ion Ratio Lower Upper
117 100
201 75.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.727 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

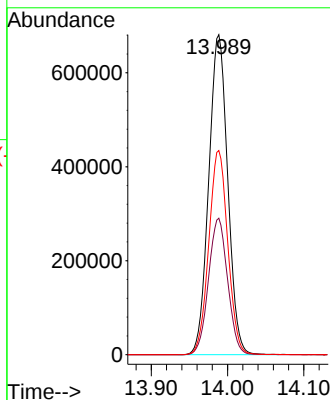
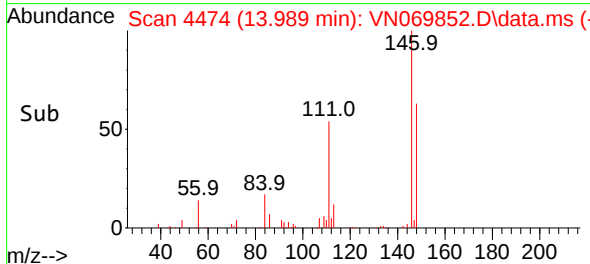
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



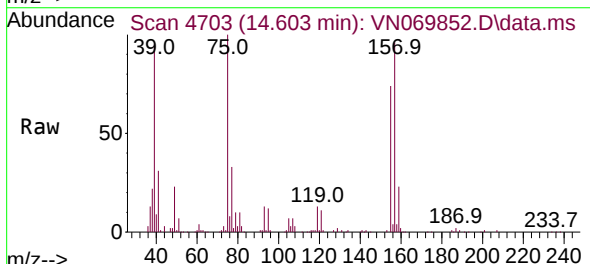
Tgt Ion:146 Resp: 1178689
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
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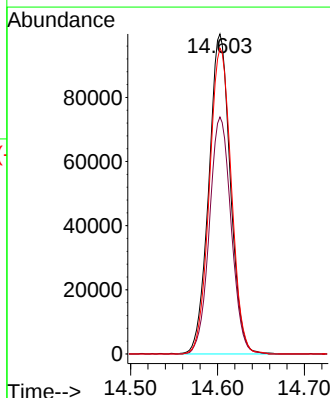
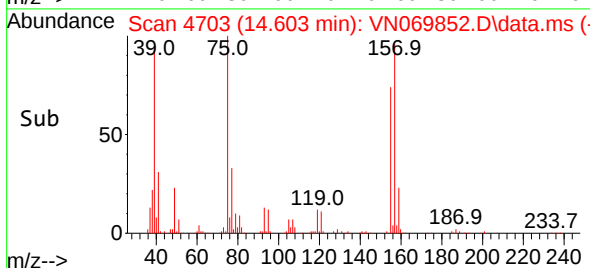
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

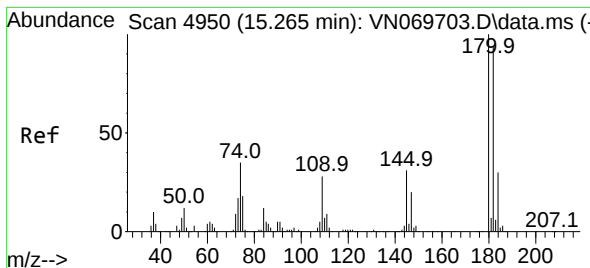


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.785 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



Tgt Ion: 75 Resp: 172006
Ion Ratio Lower Upper
75 100
155 74.6 46.9 140.7
157 96.9 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 44.573 ug/l

RT: 15.262 min Scan# 4950

Delta R.T. -0.003 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

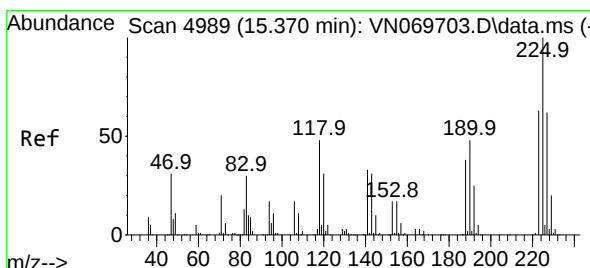
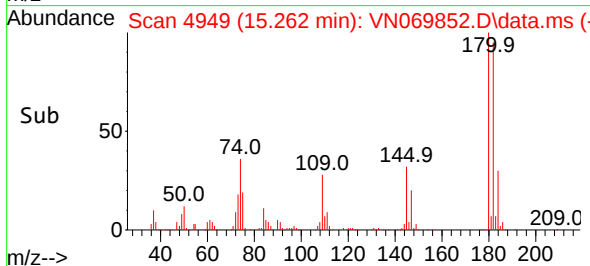
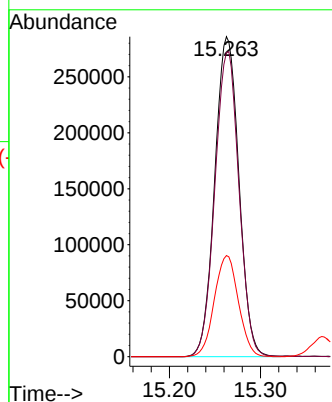
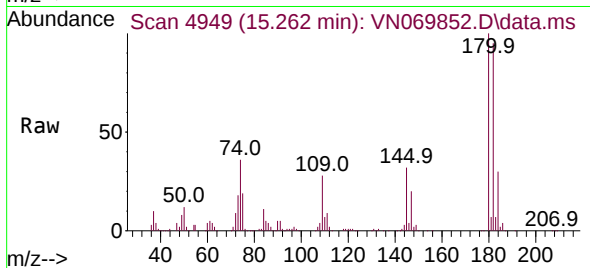
VSTDCCC050

Tgt Ion:180 Resp: 524884
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.3 144.9
 145 31.6 14.5 43.5

Manual Integrations

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Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#94

Hexachlorobutadiene

Concen: 50.720 ug/l

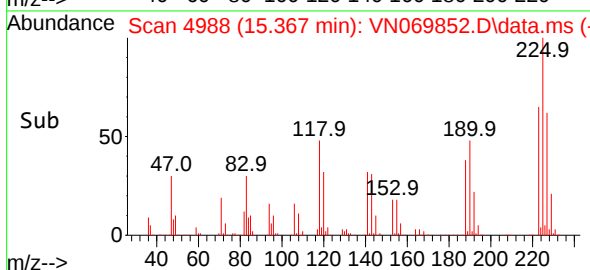
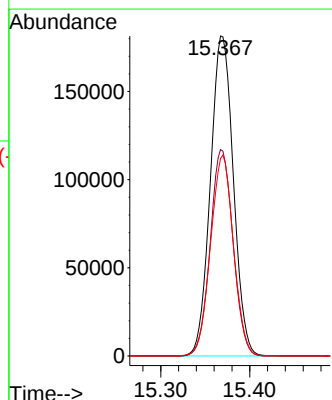
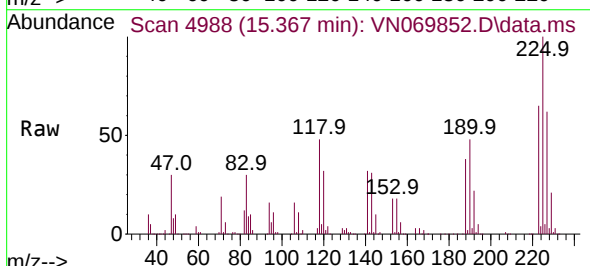
RT: 15.367 min Scan# 4988

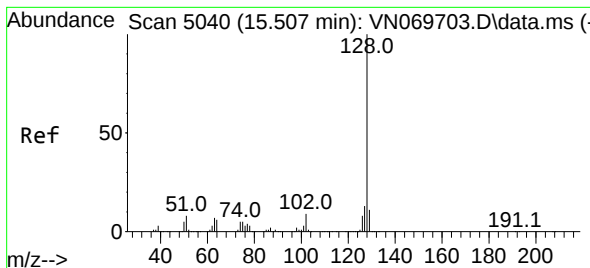
Delta R.T. -0.003 min

Lab File: VN069852.D

Acq: 8 Dec 2021 10:59

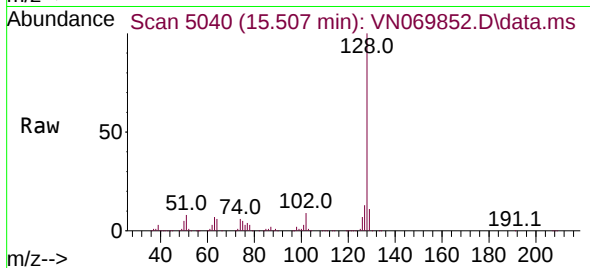
Tgt Ion:225 Resp: 325155
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.9 95.7
 227 62.5 32.1 96.3





#95
Naphthalene
Concen: 37.745 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59

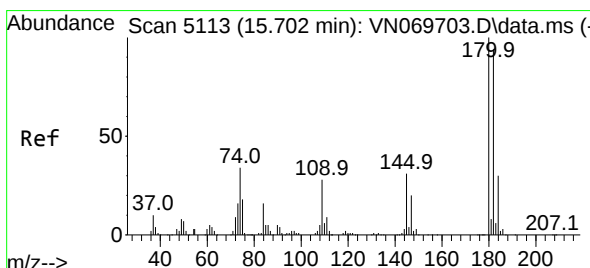
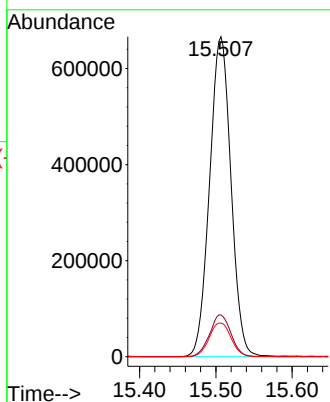
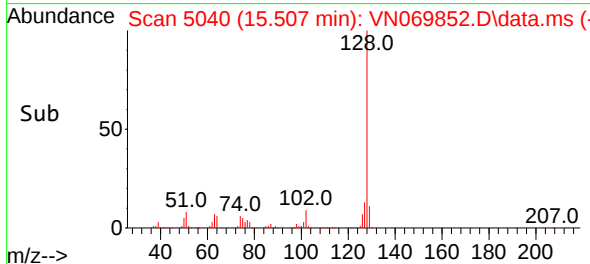
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



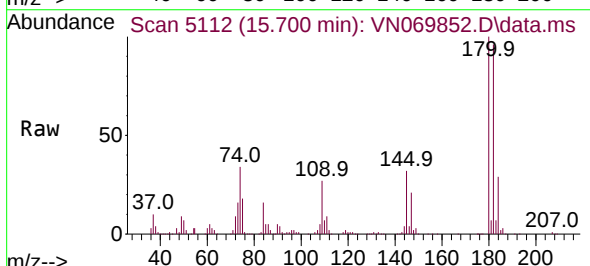
Tgt Ion:128 Resp: 129638
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 43.668 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069852.D
Acq: 8 Dec 2021 10:59



Tgt Ion:180 Resp: 501165
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 32.0 15.0 45.1

