

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069908.D
 Acq On : 9 Dec 2021 13:48
 Operator : JC/MD
 Sample : VN1209WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 06:13:45 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	985653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1606118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1462378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	603800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	792348	52.065	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.120%			
35) Dibromofluoromethane	8.021	113	545382	54.211	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.420%			
50) Toluene-d8	10.440	98	2079740	51.484	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.731	95	727927	49.740	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	224267	19.508	ug/l	99
3) Chloromethane	2.303	50	272139	18.895	ug/l	99
4) Vinyl Chloride	2.448	62	253924	19.174	ug/l	100
5) Bromomethane	2.856	94	148998	20.709	ug/l	99
6) Chloroethane	3.022	64	155380	19.147	ug/l	99
7) Trichlorofluoromethane	3.379	101	343418	19.758	ug/l	98
8) Diethyl Ether	3.824	74	139507	20.840	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	205482	21.090	ug/l	95
10) Methyl Iodide	4.425	142	252717	18.987	ug/l	97
11) Tert butyl alcohol	5.371	59	236746	82.299	ug/l	99
12) 1,1-Dichloroethene	4.181	96	185493	19.757	ug/l	88
13) Acrolein	4.041	56	252338	103.006	ug/l	98
14) Allyl chloride	4.843	41	438221	20.714	ug/l #	92
15) Acrylonitrile	5.554	53	739915	95.453	ug/l	99
16) Acetone	4.288	43	866589	94.661	ug/l	97
17) Carbon Disulfide	4.529	76	502045	20.698	ug/l	99
18) Methyl Acetate	4.854	43	541841	19.609	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	745789	20.429	ug/l	96
20) Methylene Chloride	5.095	84	241189	19.818	ug/l #	85
21) trans-1,2-Dichloroethene	5.599	96	199605	19.574	ug/l #	84
22) Diisopropyl ether	6.498	45	878244	21.239	ug/l	95
23) Vinyl Acetate	6.434	43	3597012	106.922	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	446255	20.833	ug/l	98
25) 2-Butanone	7.335	43	1124664	90.418	ug/l	91
26) 2,2-Dichloropropane	7.327	77	347610	20.872	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	245783	19.949	ug/l	85
28) Bromochloromethane	7.659	49	239811	21.529	ug/l #	77
29) Tetrahydrofuran	7.686	42	709668	93.959	ug/l	87
30) Chloroform	7.817	83	446552	20.642	ug/l	99
31) Cyclohexane	8.094	56	421514	19.903	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	380137	20.629	ug/l	95
36) 1,1-Dichloropropene	8.220	75	315848	20.657	ug/l	97
37) Ethyl Acetate	7.412	43	431606	18.966	ug/l	95
38) Carbon Tetrachloride	8.206	117	328731	21.925	ug/l	99
39) Methylcyclohexane	9.459	83	368466	20.260	ug/l	90
40) Benzene	8.458	78	955822	20.452	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	227680	21.313	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	388245	20.579	ug/l	97
43) Isopropyl Acetate	8.560	43	697379	20.708	ug/l #	92
44) Trichloroethene	9.215	130	223762	20.060	ug/l	93
45) 1,2-Dichloropropane	9.488	63	262996	20.956	ug/l	99
46) Dibromomethane	9.577	93	174563	21.209	ug/l	92
47) Bromodichloromethane	9.762	83	361400	23.191	ug/l	99
48) Methyl methacrylate	9.558	41	315529	20.077	ug/l	85
49) 1,4-Dioxane	9.571	88	92046	326.413	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2189742	100.232	ug/l	94
52) Toluene	10.505	92	582392	20.412	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	363747	21.114	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	392297	21.142	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	236816	20.571	ug/l	98
56) Ethyl methacrylate	10.760	69	383949	19.149	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	423445	20.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	410273	83.186	ug/l	91
59) 2-Hexanone	11.084	43	1550805	93.838	ug/l	92
60) Dibromochloromethane	11.237	129	256891	22.213	ug/l	99
61) 1,2-Dibromoethane	11.344	107	243033	20.382	ug/l	100
64) Tetrachloroethene	10.977	164	198326	20.001	ug/l	94
65) Chlorobenzene	11.768	112	610775	20.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	233051	22.319	ug/l	99
67) Ethyl Benzene	11.843	91	1121350	20.808	ug/l	96
68) m/p-Xylenes	11.953	106	823795	41.984	ug/l	92
69) o-Xylene	12.280	106	407928	20.639	ug/l	92
70) Styrene	12.294	104	659154	21.032	ug/l	96
71) Bromoform	12.457	173	188089	22.641	ug/l #	100
73) Isopropylbenzene	12.578	105	1062604	19.780	ug/l	98
74) N-amyl acetate	12.387	43	452619	19.051	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	378129	20.355	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	318997m	18.423	ug/l	
77) Bromobenzene	12.860	156	248572	19.699	ug/l	78
78) n-propylbenzene	12.921	91	1214995	20.324	ug/l	96
79) 2-Chlorotoluene	13.007	91	744948	19.722	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	875478	20.247	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	100665	21.542	ug/l	93
82) 4-Chlorotoluene	13.104	91	721811	20.319	ug/l	93
83) tert-Butylbenzene	13.323	119	745591	19.474	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	851590	20.680	ug/l	98
85) sec-Butylbenzene	13.501	105	1031771	19.867	ug/l	98
86) p-Isopropyltoluene	13.616	119	819652	20.192	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	416273	20.081	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	401369	19.702	ug/l	96
89) n-Butylbenzene	13.943	91	650928	19.767	ug/l	98
90) Hexachloroethane	14.209	117	164392	23.066	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	406254	20.113	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67589	20.135	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	171821	19.224	ug/l	99
94) Hexachlorobutadiene	15.370	225	119731	22.367	ug/l	99
95) Naphthalene	15.507	128	424872	17.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	166908	18.881	ug/l	98

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ClientSampleId :
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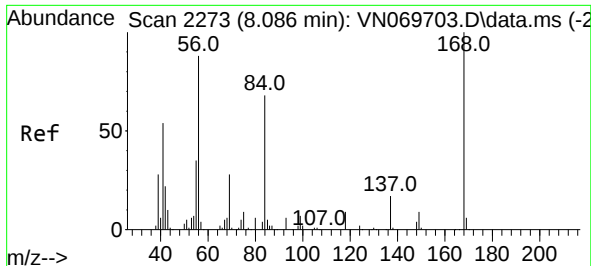
Manual Integrations
APPROVED

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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

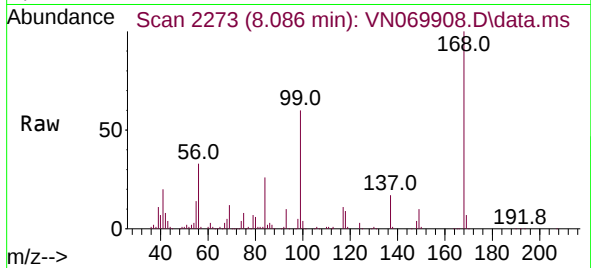
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069908.D
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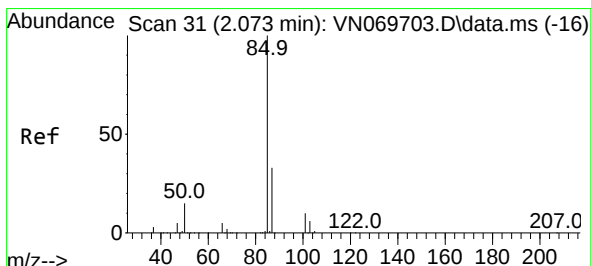
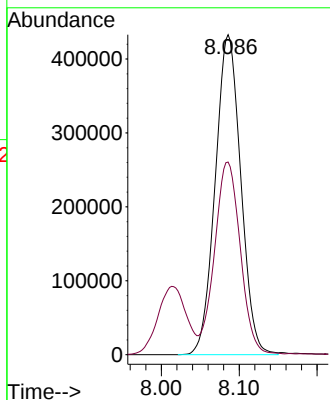
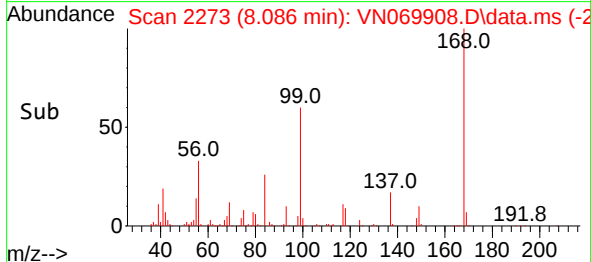
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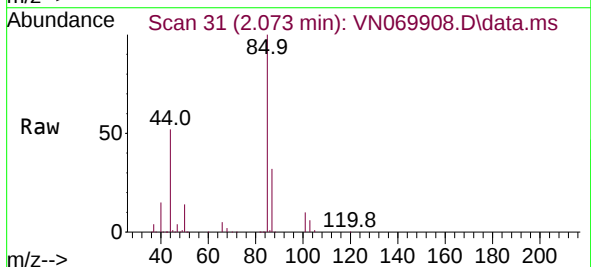
Tgt Ion:168 Resp: 98565
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

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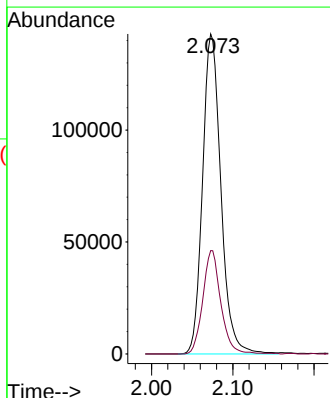
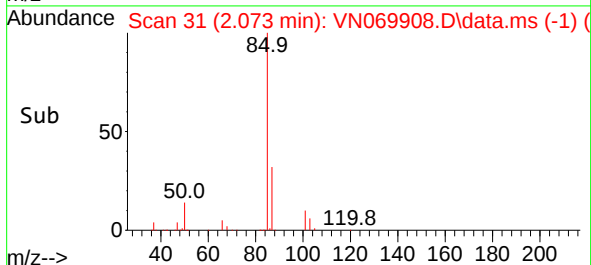
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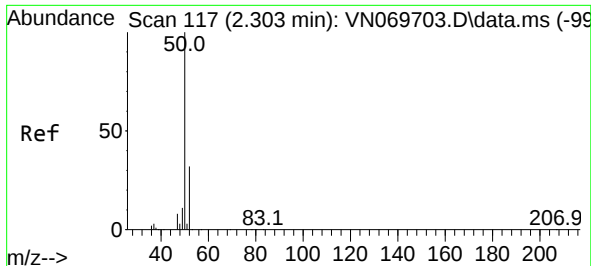


#2
Dichlorodifluoromethane
Concen: 19.508 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



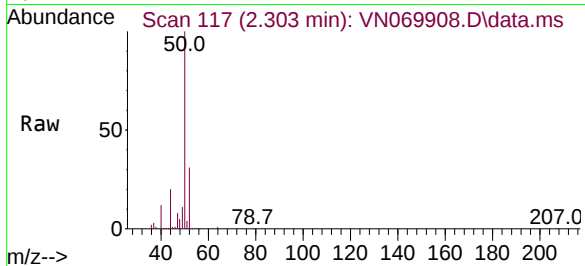
Tgt Ion: 85 Resp: 224267
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 18.895 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

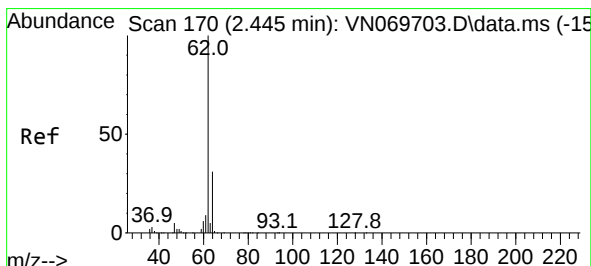
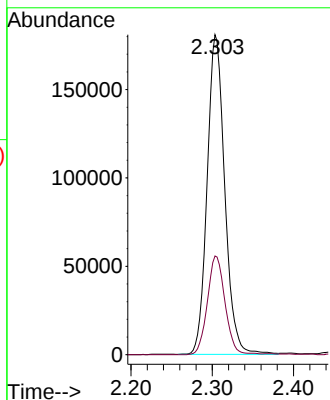
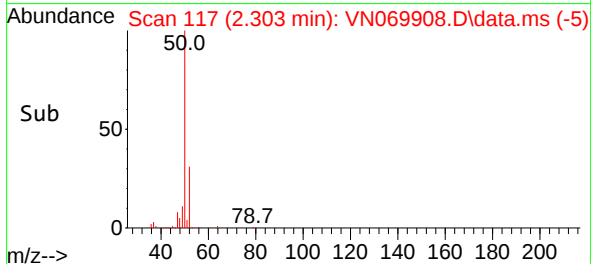
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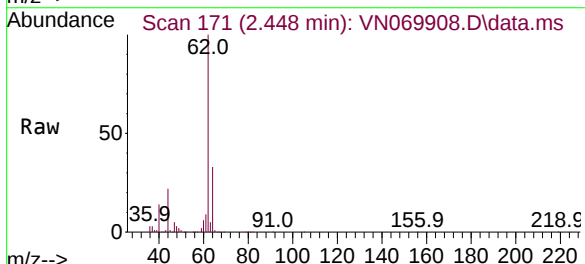
Tgt Ion: 50 Resp: 272139
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.0

Manual Integrations
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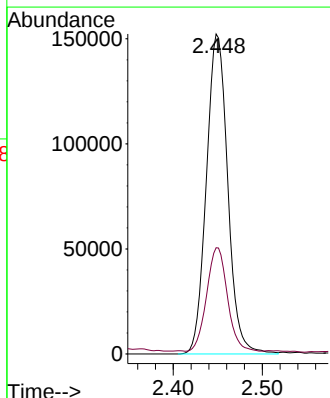
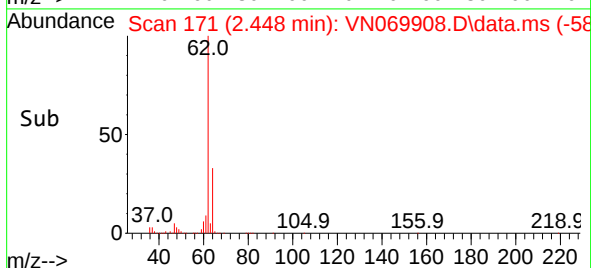
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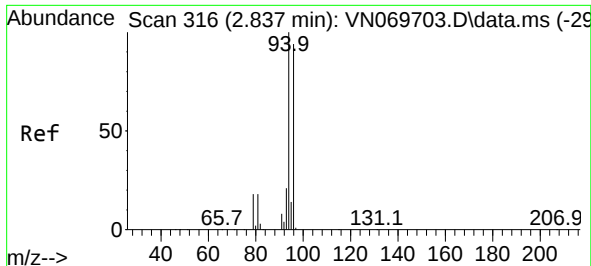


#4
Vinyl Chloride
Concen: 19.174 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



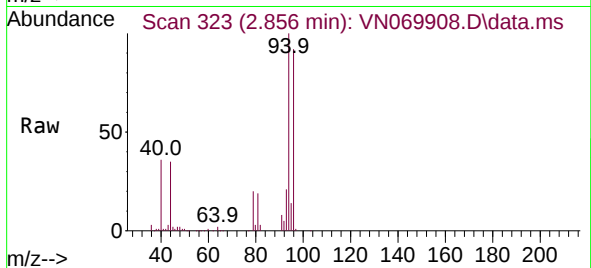
Tgt Ion: 62 Resp: 253924
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 20.709 ug/l
RT: 2.856 min Scan# 316
Delta R.T. 0.019 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

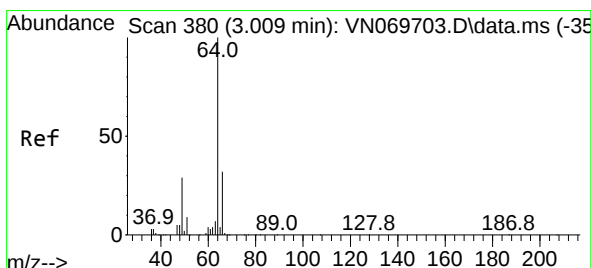
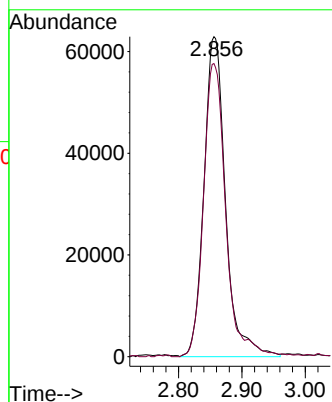
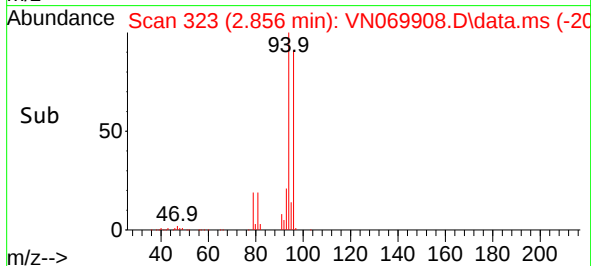
Instrument :
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Tgt Ion: 94 Resp: 148998
Ion Ratio Lower Upper
94 100
96 91.6 73.8 110.8

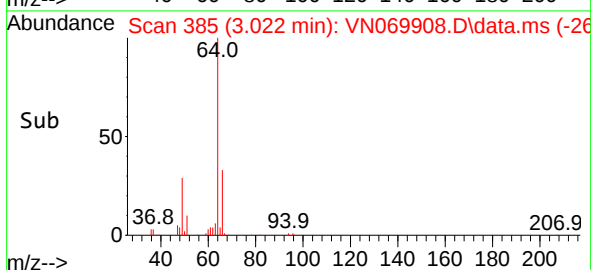
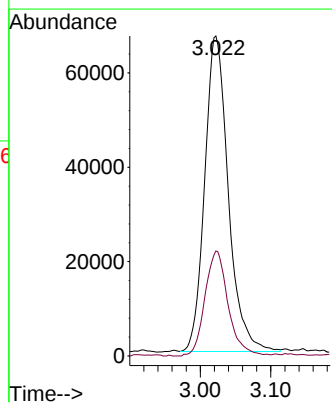
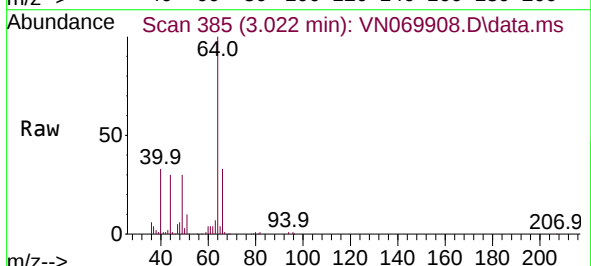
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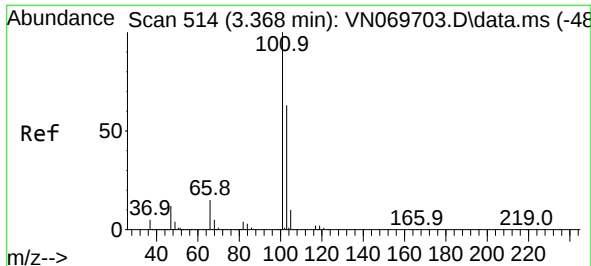
Reviewed By :John Carlone 12/10/2021
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#6
Chloroethane
Concen: 19.147 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.014 min
Lab File: VN069908.D
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Tgt Ion: 64 Resp: 155380
Ion Ratio Lower Upper
64 100
66 33.3 26.3 39.5





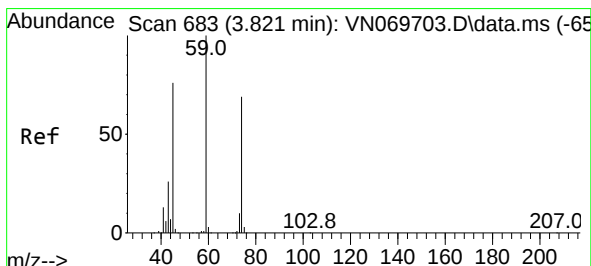
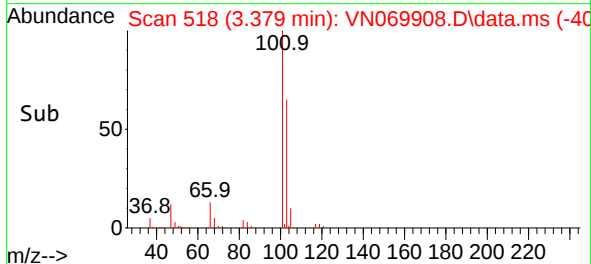
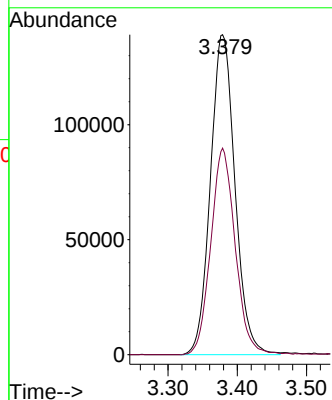
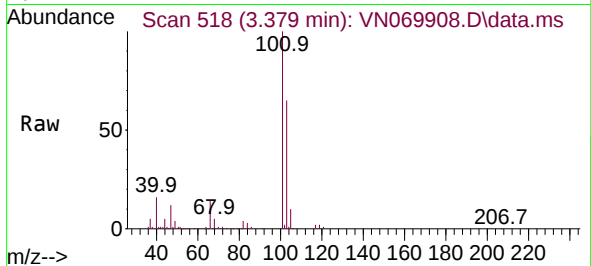
#7
Trichlorofluoromethane
Concen: 19.758 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

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Tgt Ion:101 Resp: 343418
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1

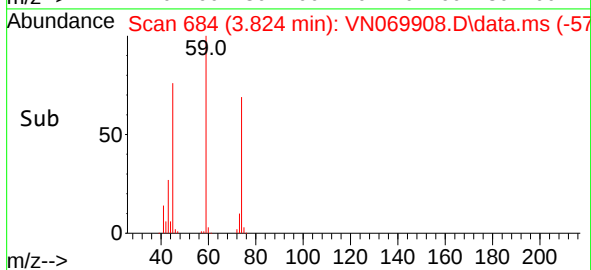
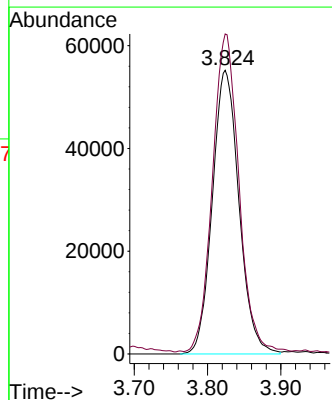
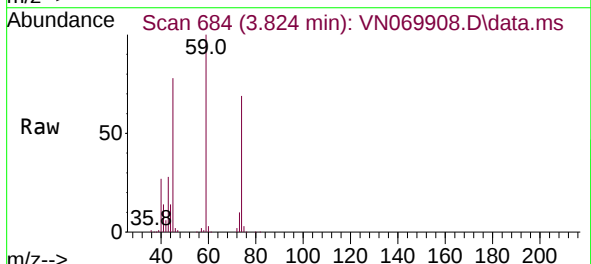
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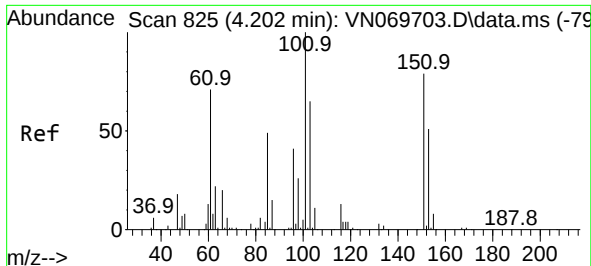
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 20.840 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069908.D
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Tgt Ion: 74 Resp: 139507
Ion Ratio Lower Upper
74 100
45 110.5 47.0 141.2





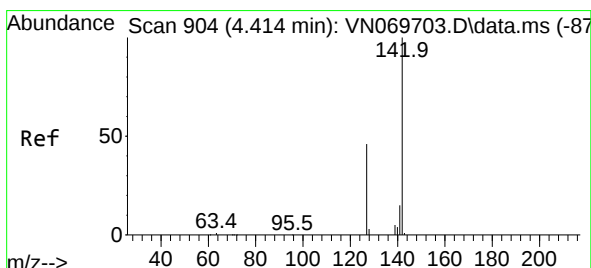
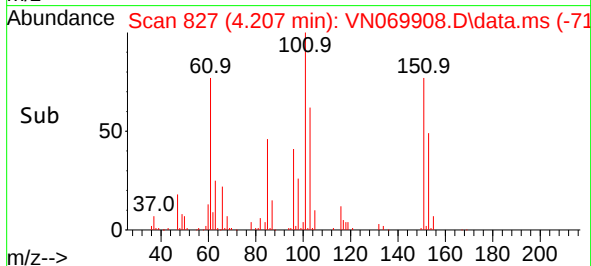
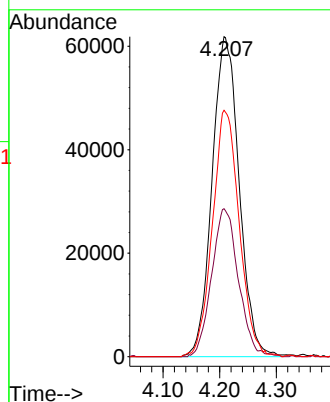
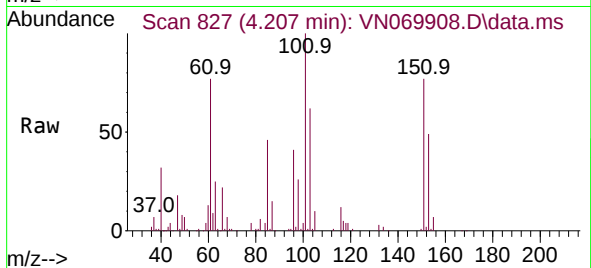
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.090 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:101 Resp: 20548
Ion Ratio Lower Upper
101 100
85 45.7 37.2 55.8
151 76.0 65.9 98.9

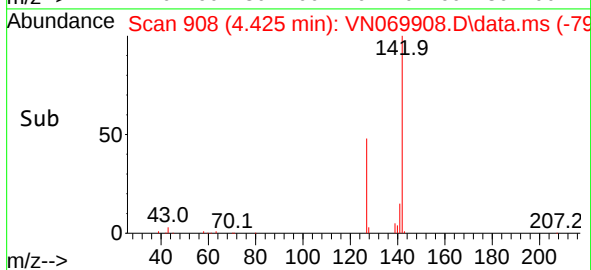
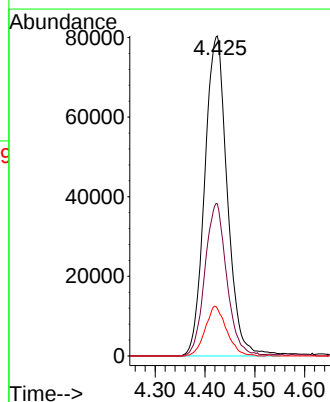
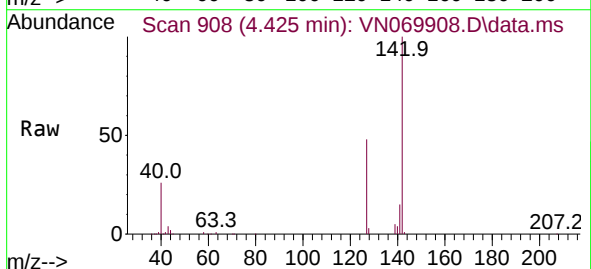
Manual Integrations
APPROVED

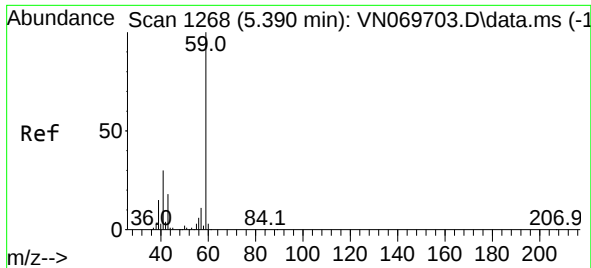
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 18.987 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.011 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

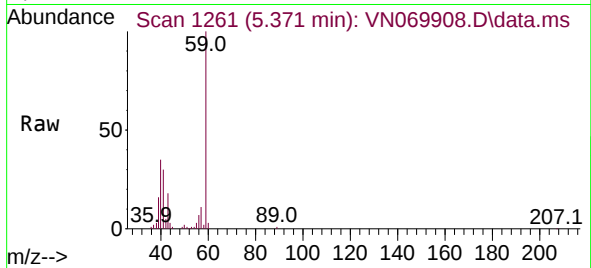
Tgt Ion:142 Resp: 252717
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 82.299 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.019 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

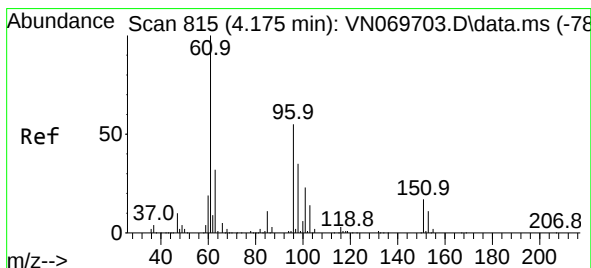
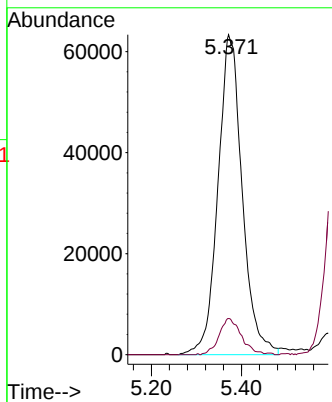
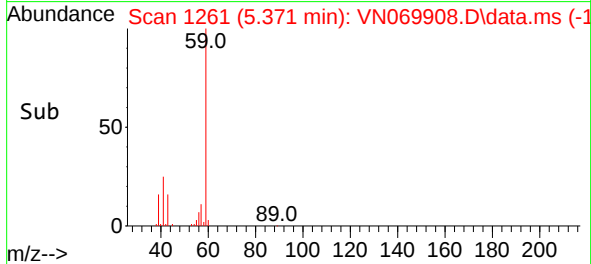
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



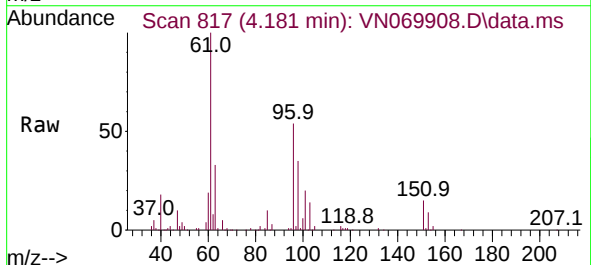
Tgt Ion: 59 Resp: 236740
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
APPROVED

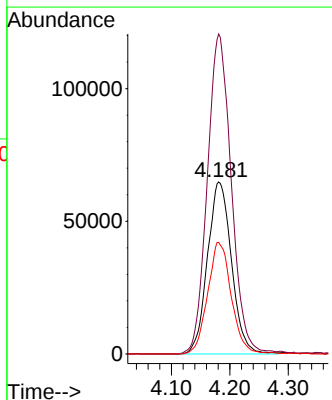
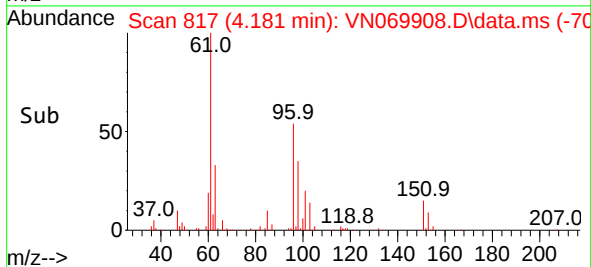
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

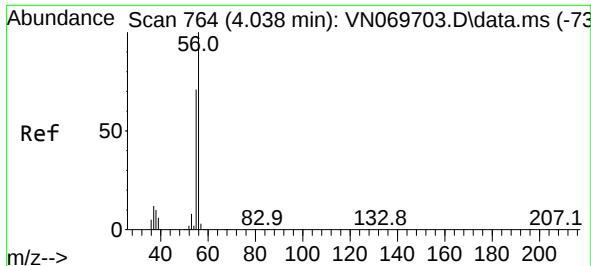


#12
1,1-Dichloroethene
Concen: 19.757 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



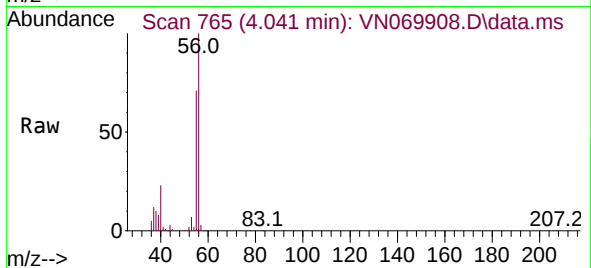
Tgt Ion: 96 Resp: 185493
Ion Ratio Lower Upper
96 100
61 186.1 131.0 196.6
98 64.8 52.4 78.6





#13
Acrolein
Concen: 103.006 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

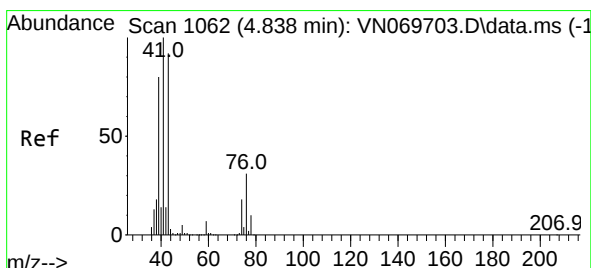
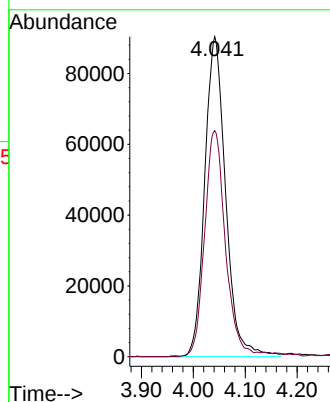
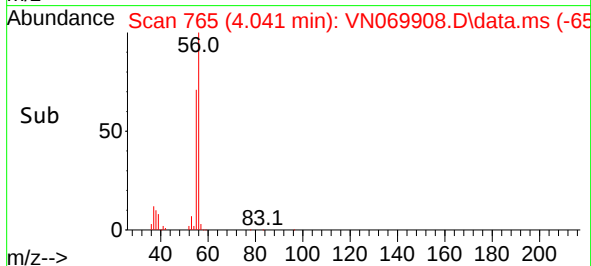
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 56 Resp: 252338
Ion Ratio Lower Upper
56 100
55 69.4 56.6 85.0

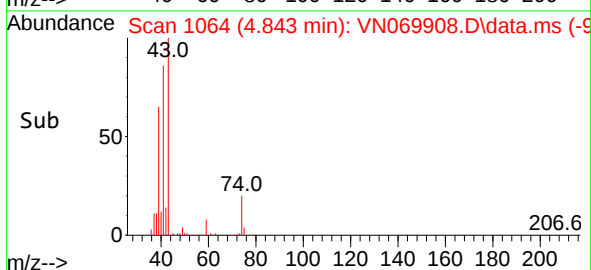
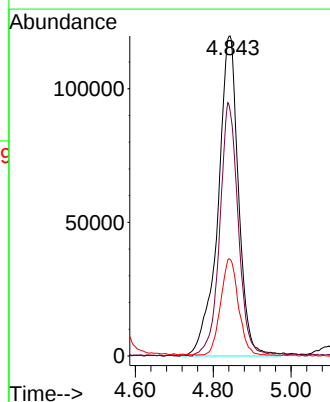
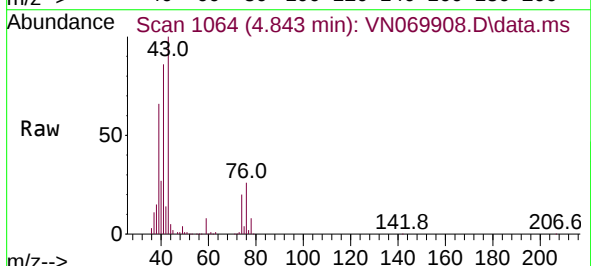
Manual Integrations
APPROVED

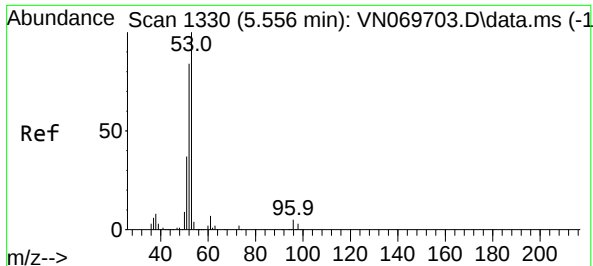
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#14
Allyl chloride
Concen: 20.714 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

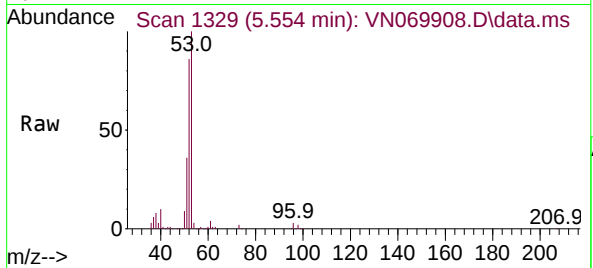
Tgt Ion: 41 Resp: 438221
Ion Ratio Lower Upper
41 100
39 71.0 61.2 91.8
76 25.6 26.0 39.0#





#15
Acrylonitrile
Concen: 95.453 ug/l
RT: 5.554 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

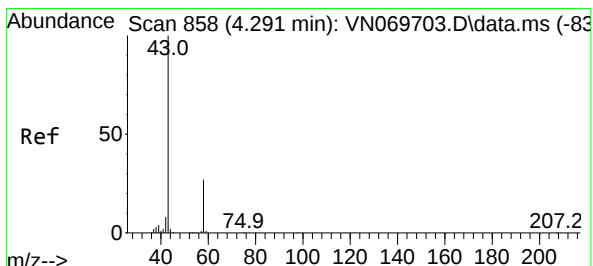
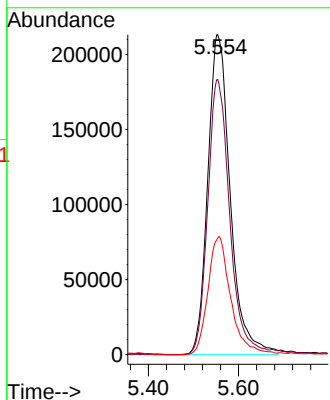
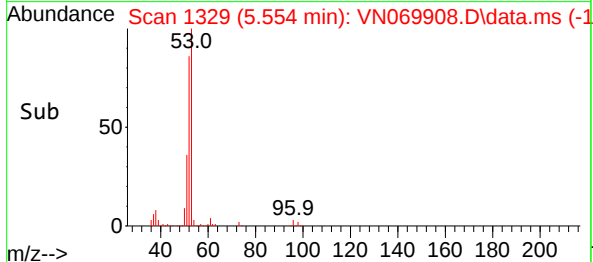
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 53 Resp: 739915
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 37.5 29.6 44.4

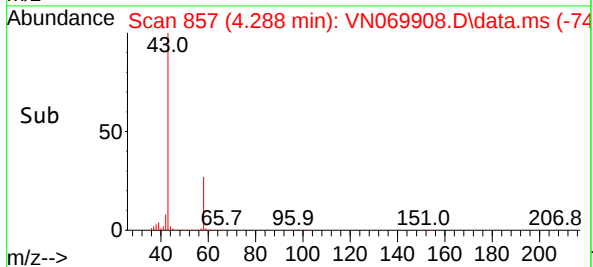
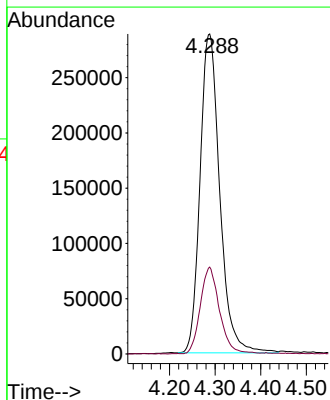
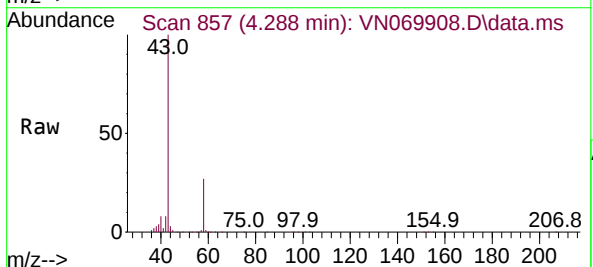
Manual Integrations
APPROVED

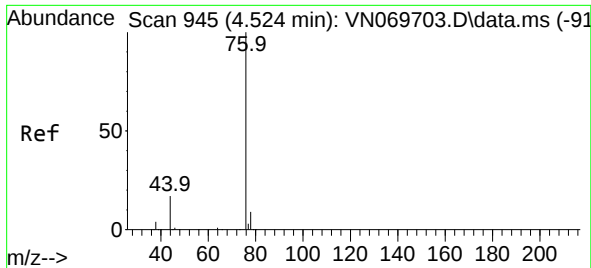
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 94.661 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

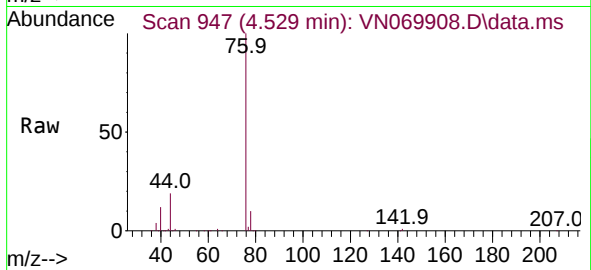
Tgt Ion: 43 Resp: 866589
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 20.698 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

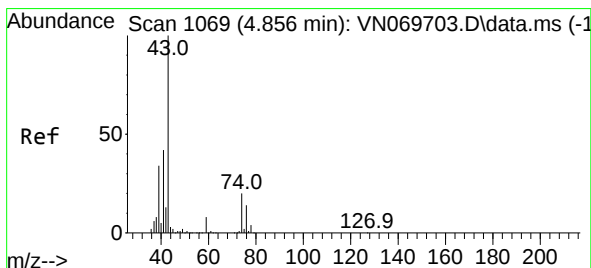
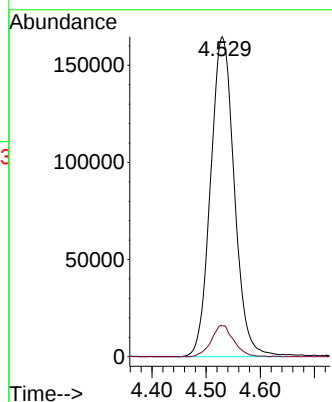
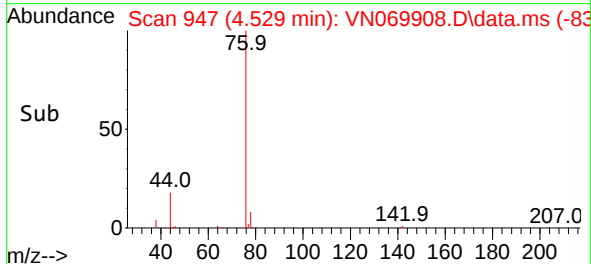
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 76 Resp: 50204
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

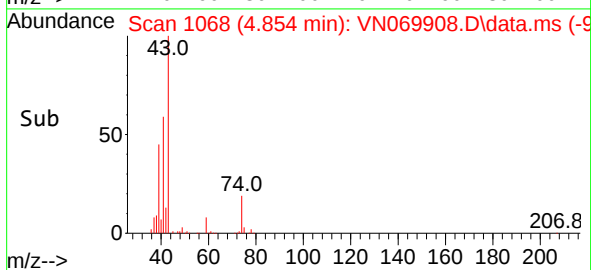
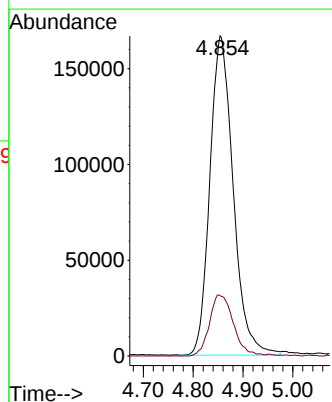
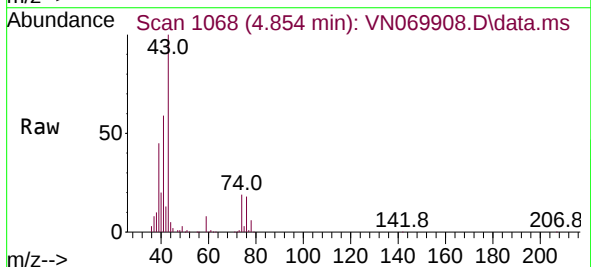
Manual Integrations
APPROVED

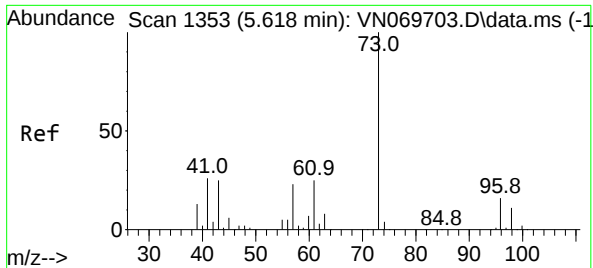
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 19.609 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

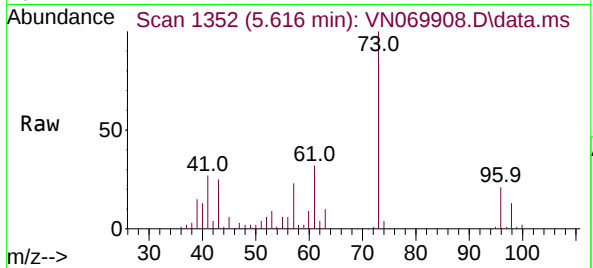
Tgt Ion: 43 Resp: 541841
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.429 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

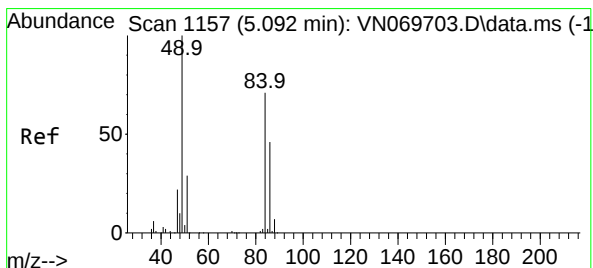
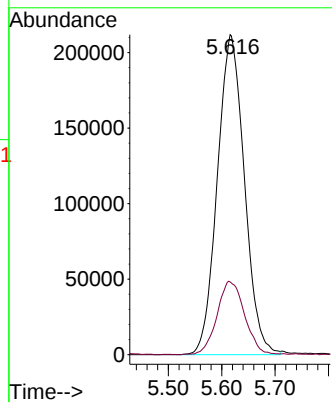
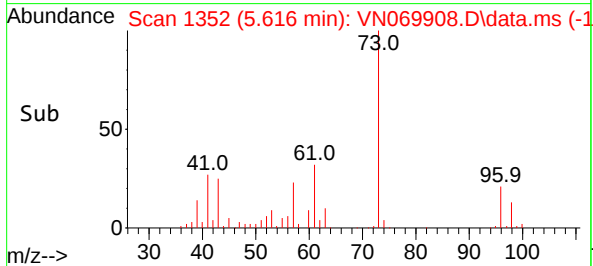
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 73 Resp: 745789
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

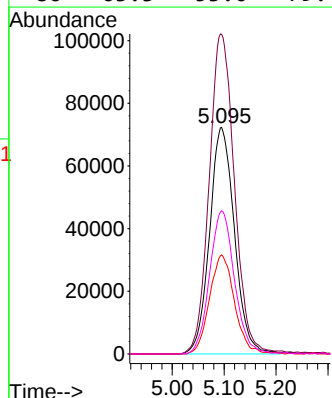
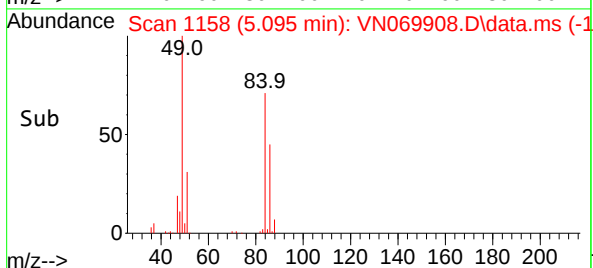
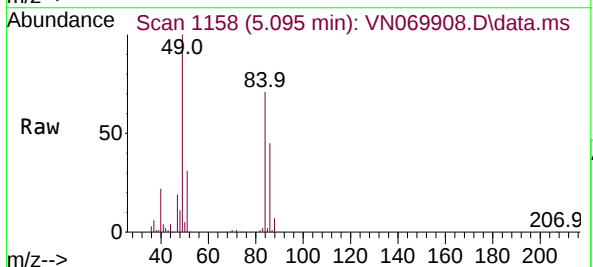
Manual Integrations
APPROVED

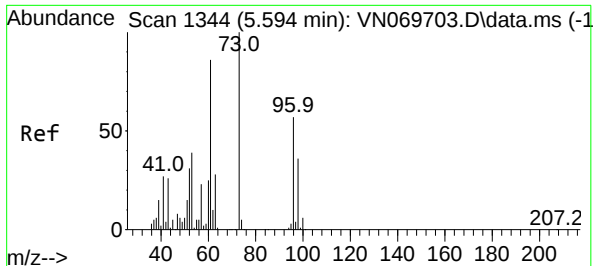
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 19.818 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

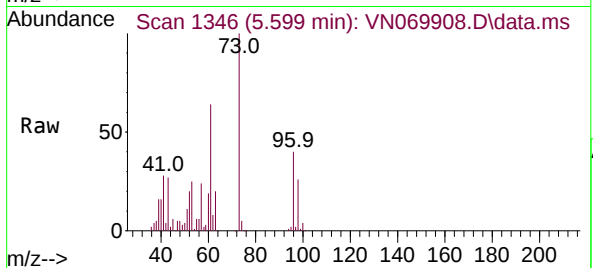
Tgt Ion: 84 Resp: 241189
Ion Ratio Lower Upper
84 100
49 141.1 93.5 140.3#
51 43.7 29.4 44.2
86 63.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.574 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

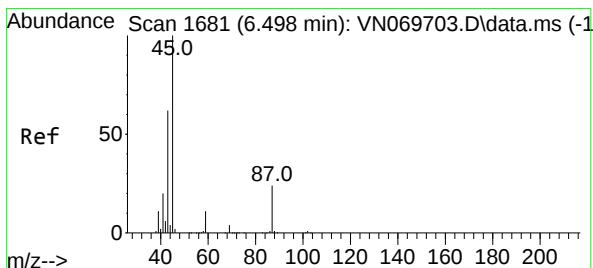
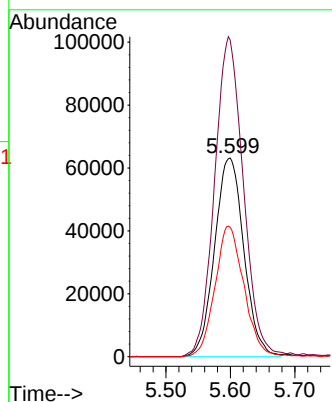
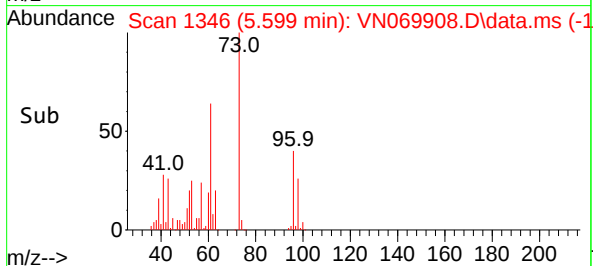
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 96 Resp: 199608
Ion Ratio Lower Upper
96 100
61 159.4 105.8 158.6
98 65.1 52.0 78.0

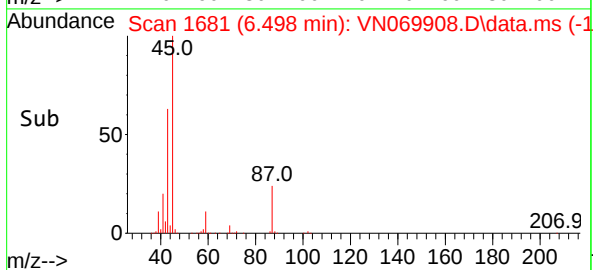
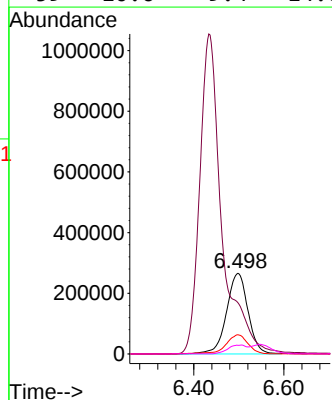
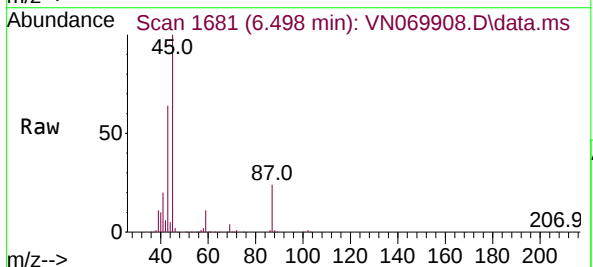
Manual Integrations
APPROVED

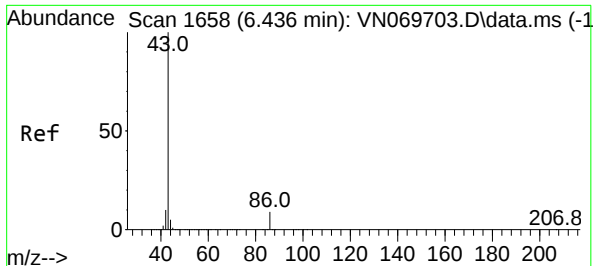
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 21.239 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

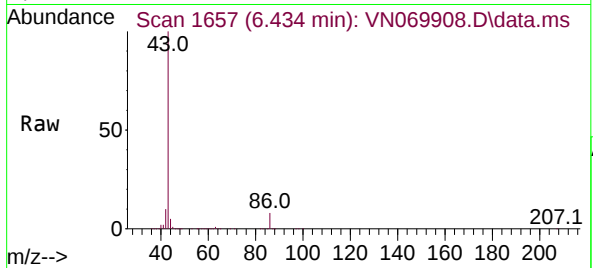
Tgt Ion: 45 Resp: 878244
Ion Ratio Lower Upper
45 100
43 62.7 51.7 77.5
87 23.6 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 106.922 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48

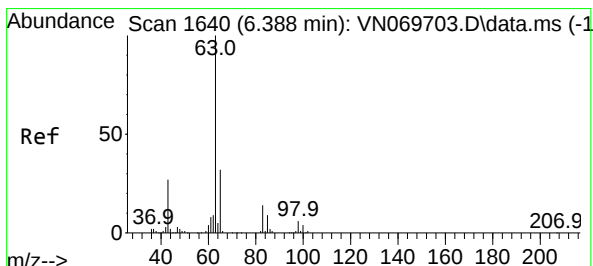
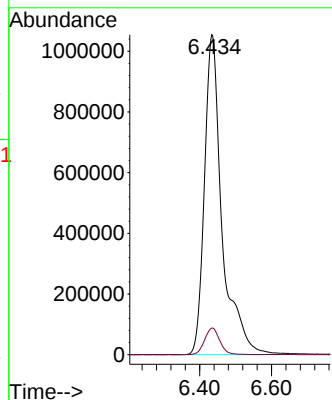
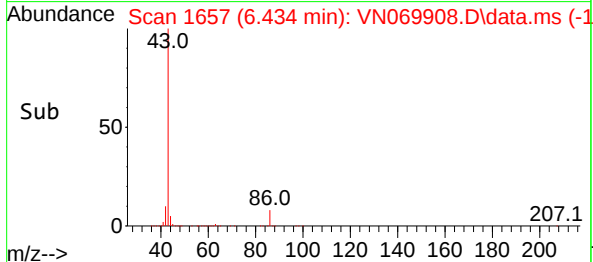
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01



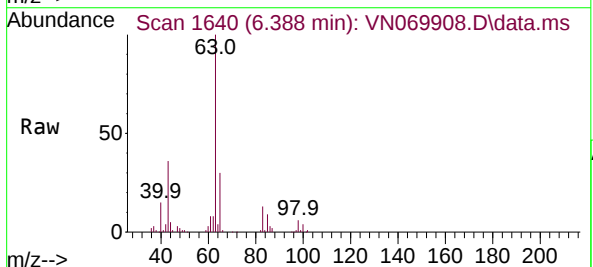
Tgt Ion: 43 Resp: 359701
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

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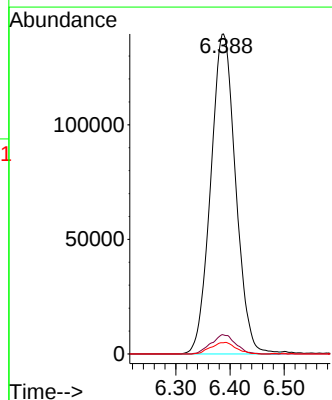
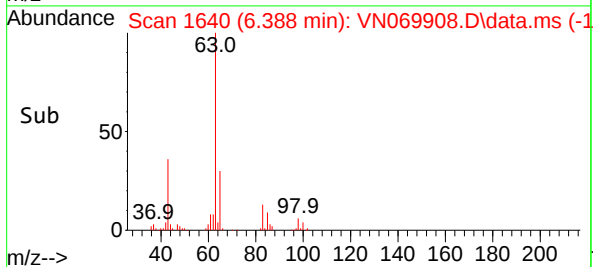
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 20.833 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48



Tgt Ion: 63 Resp: 446255
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.5 2.1 6.5





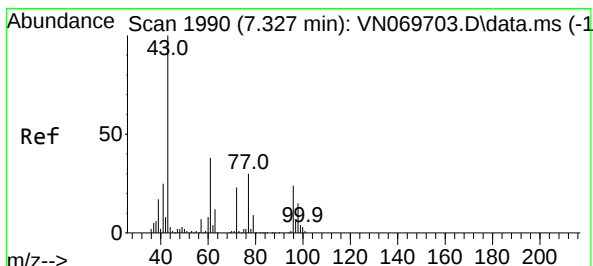
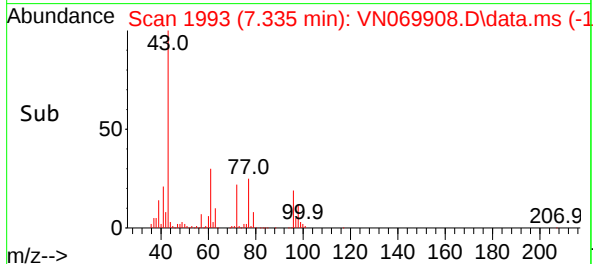
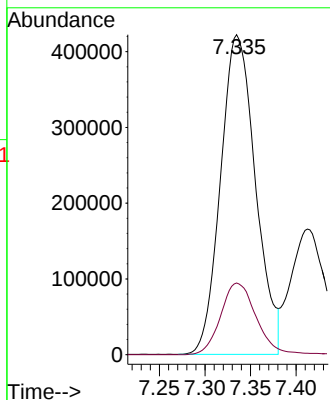
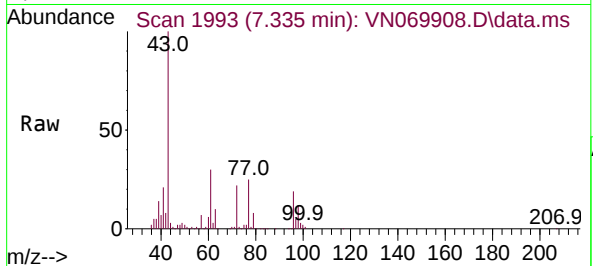
#25
2-Butanone
Concen: 90.418 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Instrument : MSVOA_N
ClientSampleId : VN1209WBSD01

Tgt Ion: 43 Resp: 1124664
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5

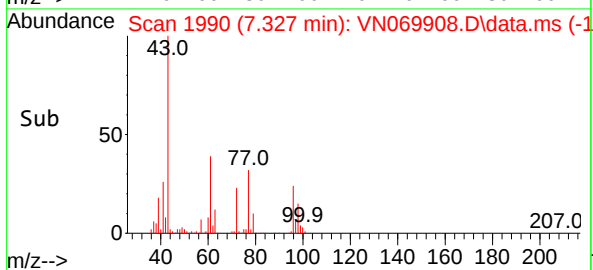
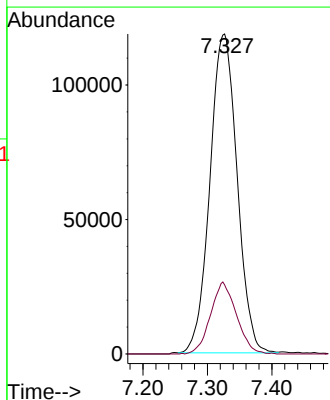
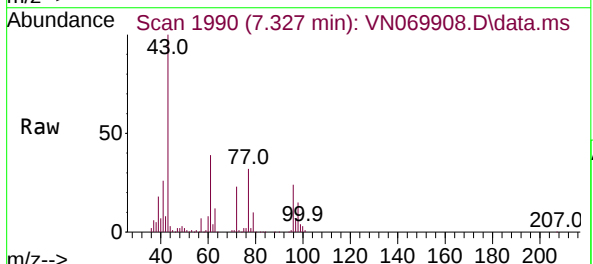
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 20.872 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

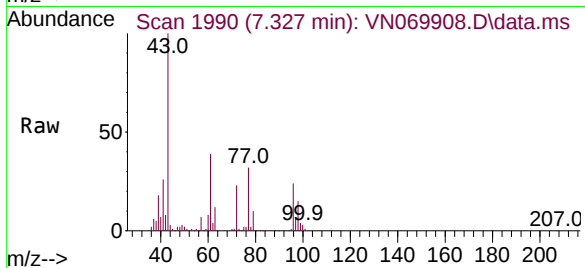
Tgt Ion: 77 Resp: 347610
Ion Ratio Lower Upper
77 100
97 21.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.949 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48

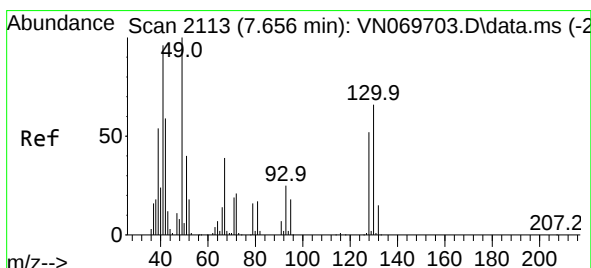
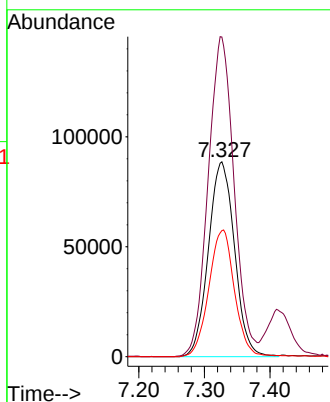
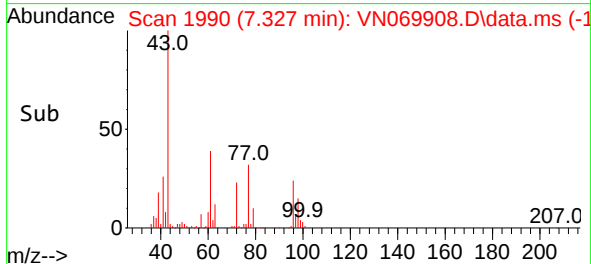
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01



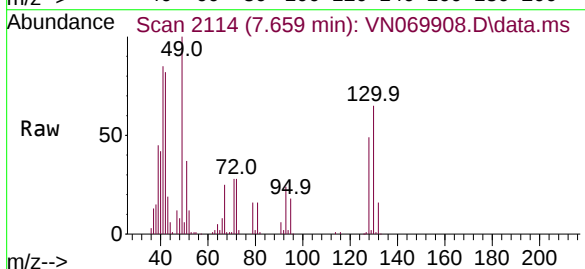
Tgt Ion: 96 Resp: 24578
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 275.0
 98 63.6 0.0 129.6

Manual Integrations
 APPROVED

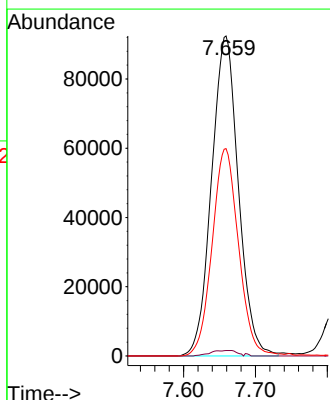
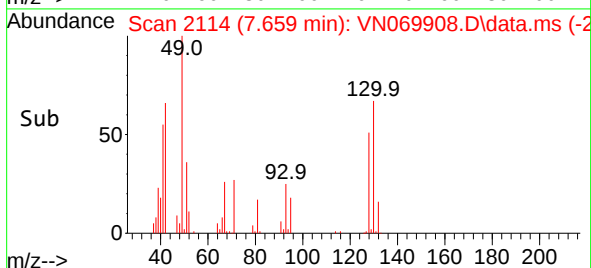
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#28
 Bromochloromethane
 Concen: 21.529 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48



Tgt Ion: 49 Resp: 239811
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.0
 130 63.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 93.959 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069908.D

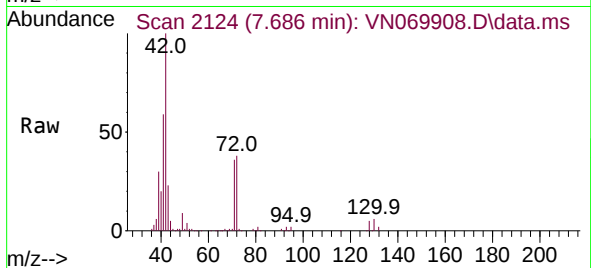
Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

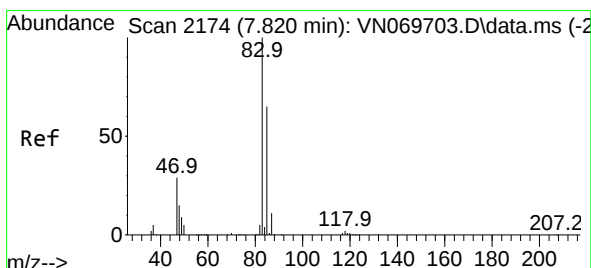
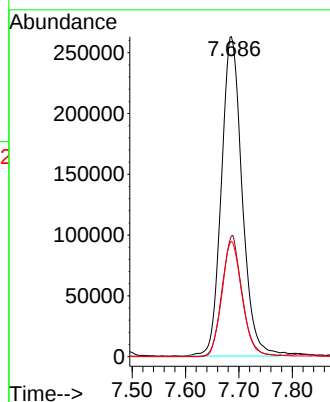
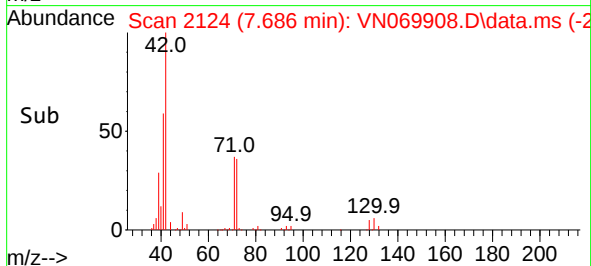
VN1209WBSD01



Tgt Ion:	42	Resp:	70966
Ion	Ratio	Lower	Upper
42	100		
72	36.4	36.3	54.5
71	35.5	34.7	52.1

Manual Integrations
APPROVED

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



#30

Chloroform

Concen: 20.642 ug/l

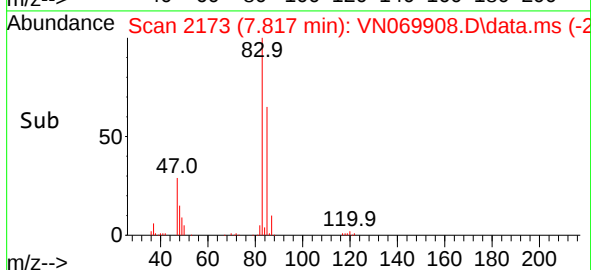
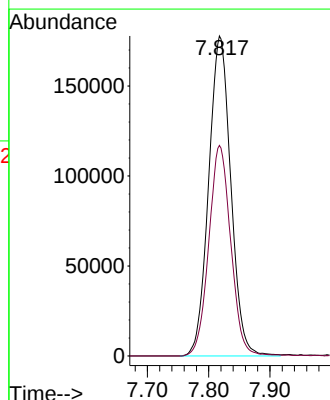
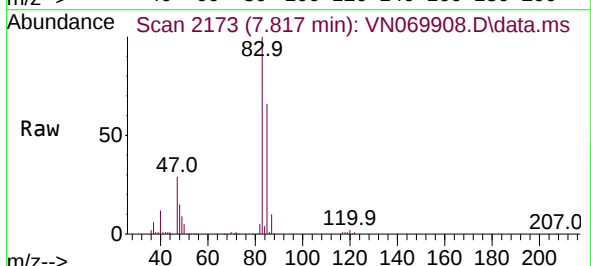
RT: 7.817 min Scan# 2173

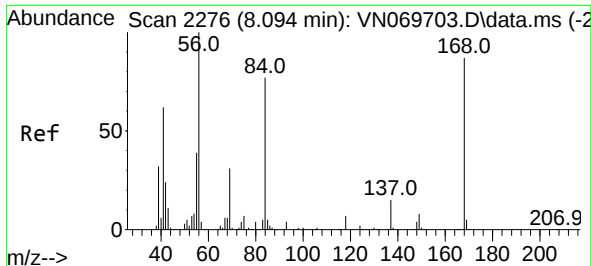
Delta R.T. -0.003 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

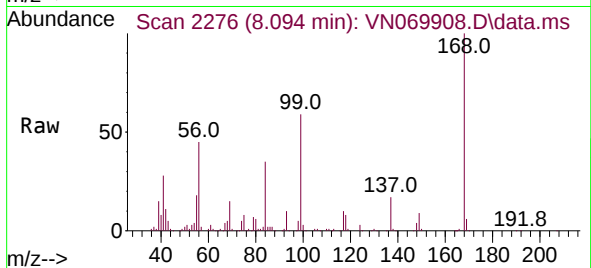
Tgt Ion:	83	Resp:	446552
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.9	77.9





#31
Cyclohexane
Concen: 19.903 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

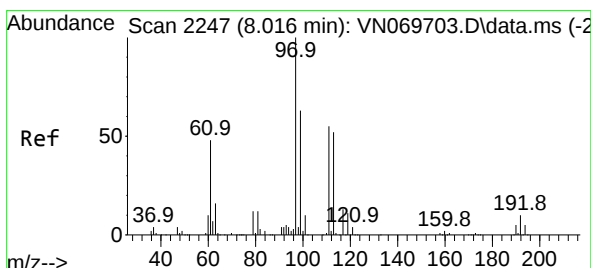
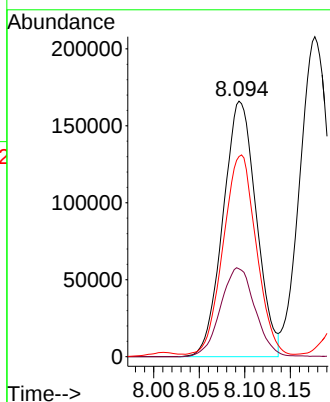
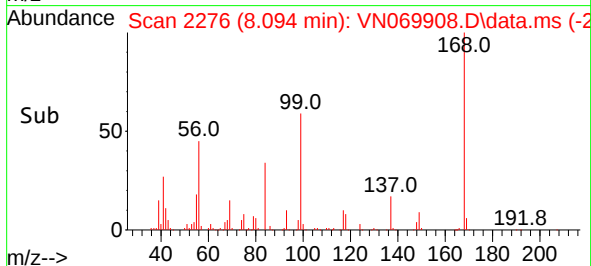
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 56 Resp: 421514
Ion Ratio Lower Upper
56 100
69 34.4 27.1 40.7
84 77.3 73.4 110.0

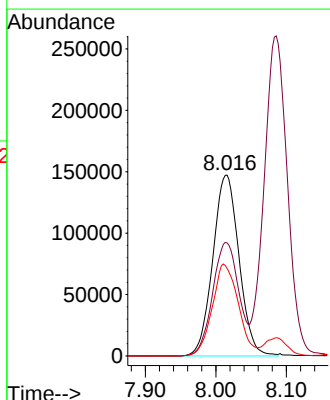
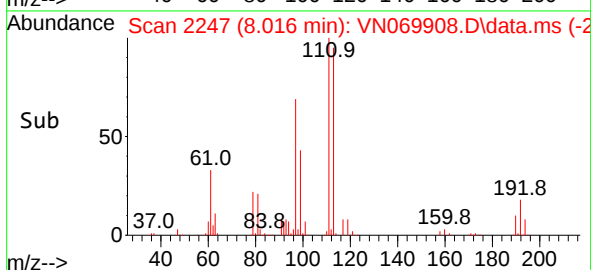
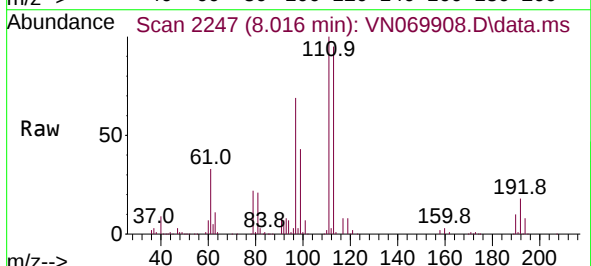
Manual Integrations
APPROVED

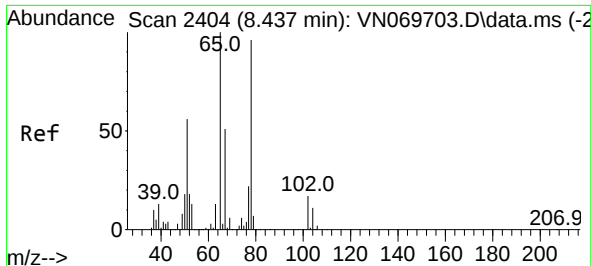
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 20.629 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Tgt Ion: 97 Resp: 380137
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 50.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.065 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 65 Resp: 792348

Ion Ratio Lower Upper

65 100

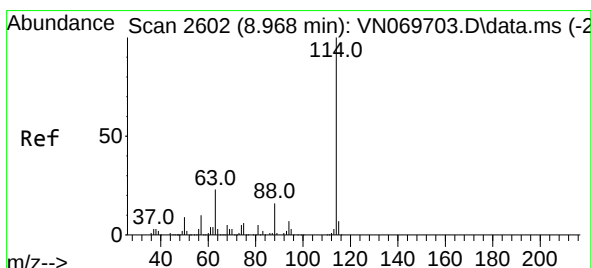
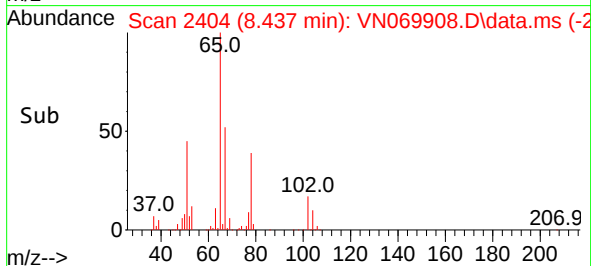
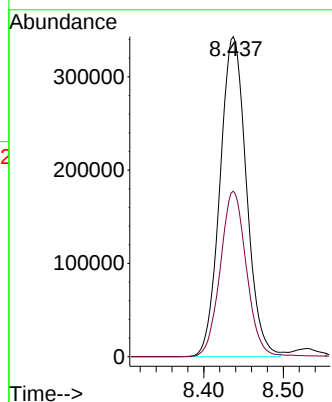
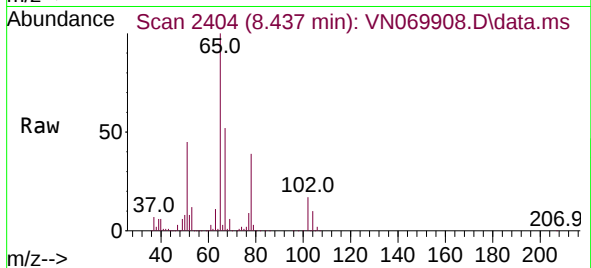
67 51.5 0.0 103.0

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: VN069908.D

Acq: 9 Dec 2021 13:48

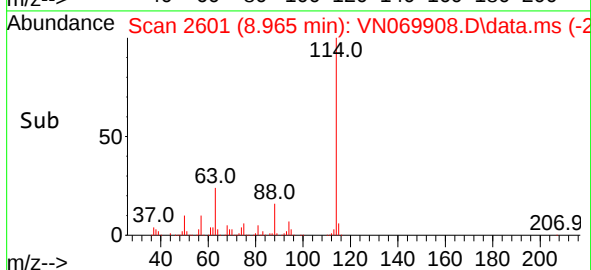
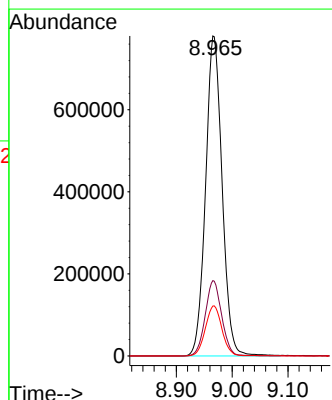
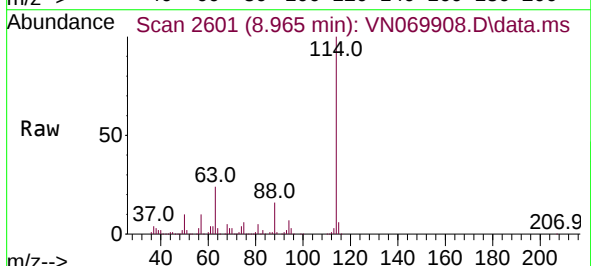
Tgt Ion:114 Resp: 1606118

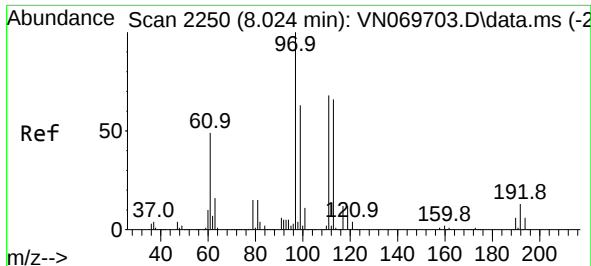
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

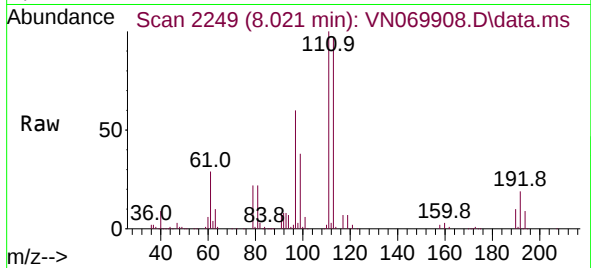
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.211 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

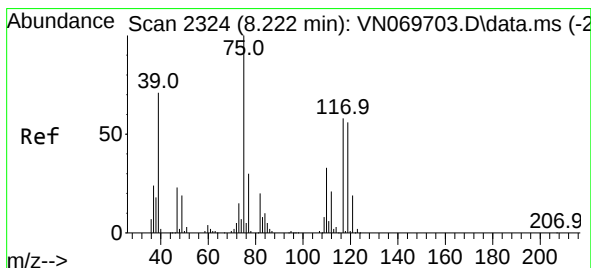
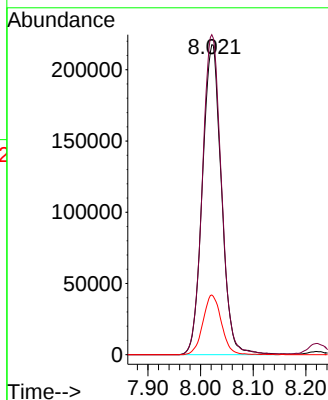
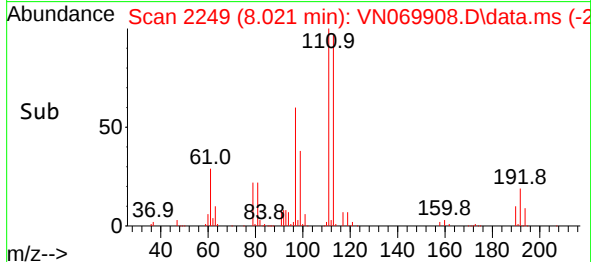
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 113 Resp: 54538
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.7 16.9 25.3

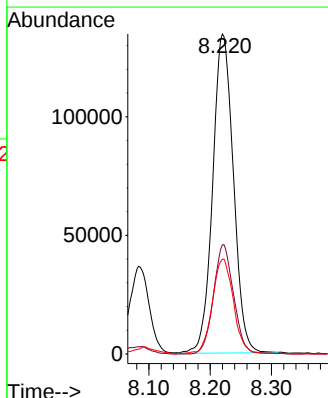
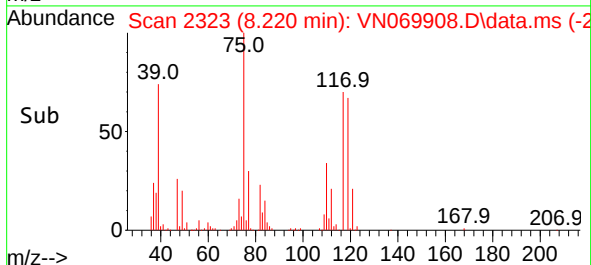
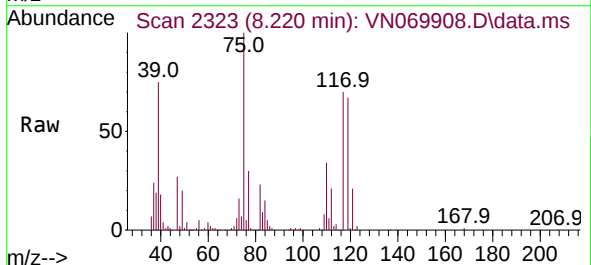
Manual Integrations
APPROVED

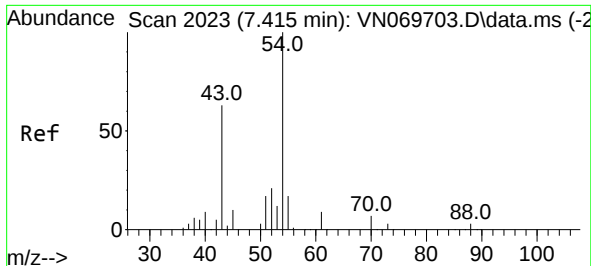
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 20.657 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Tgt Ion: 75 Resp: 315848
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 18.966 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 43 Resp: 431600

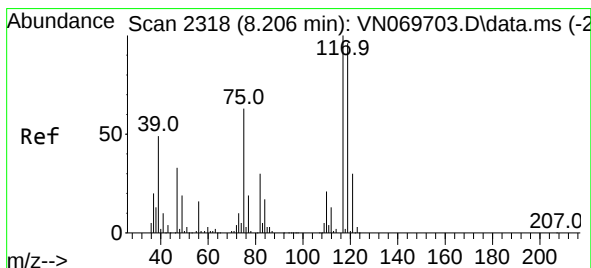
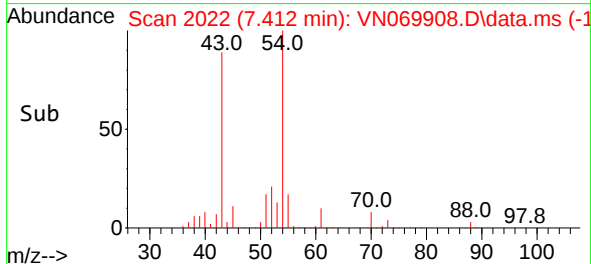
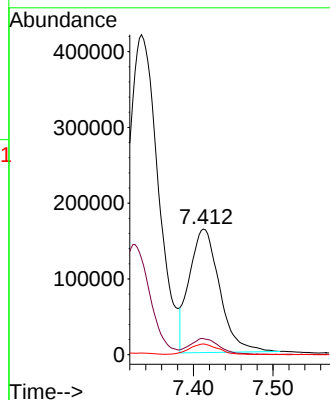
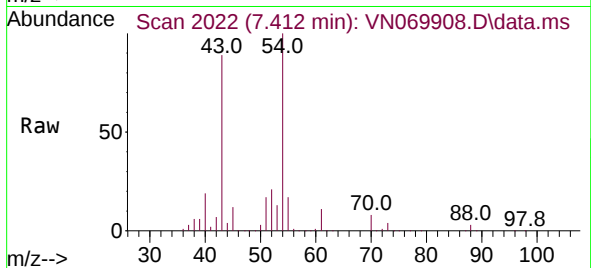
Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.5	17.3
70	7.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 21.925 ug/l

RT: 8.206 min Scan# 2318

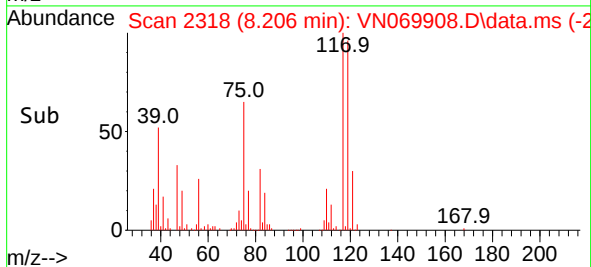
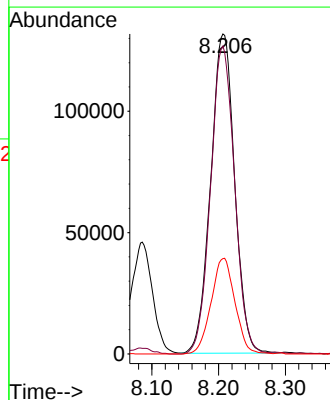
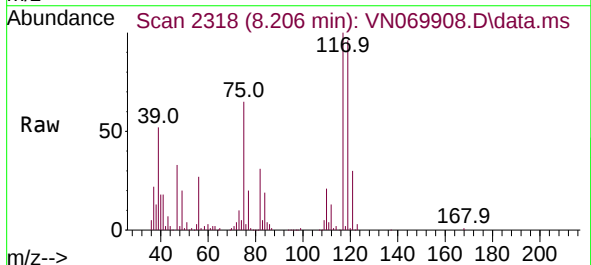
Delta R.T. 0.000 min

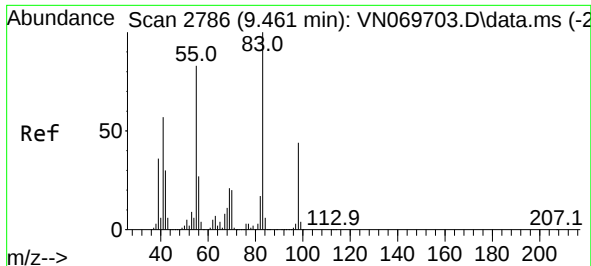
Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Tgt Ion:117 Resp: 328731

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.1	114.1
121	29.9	24.2	36.2





#39

Methylcyclohexane

Concen: 20.260 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 83 Resp: 36846

Ion Ratio Lower Upper

83 100

55 85.6 58.1 87.1

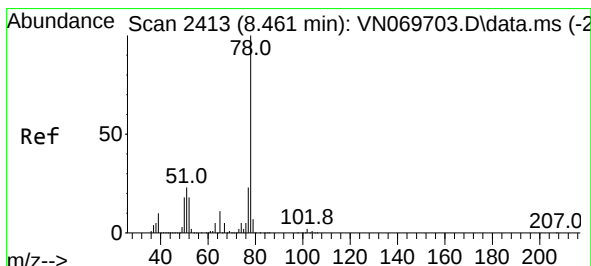
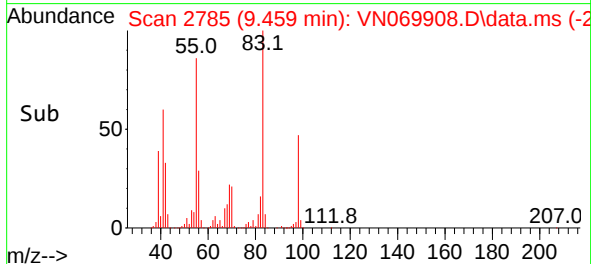
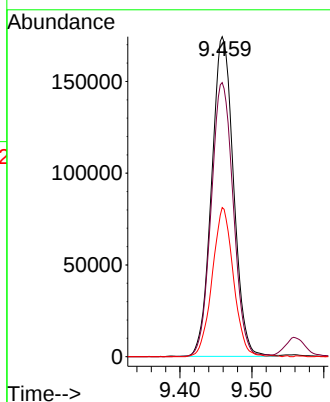
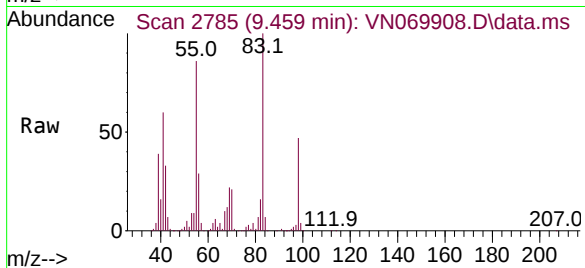
98 46.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#40

Benzene

Concen: 20.452 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN069908.D

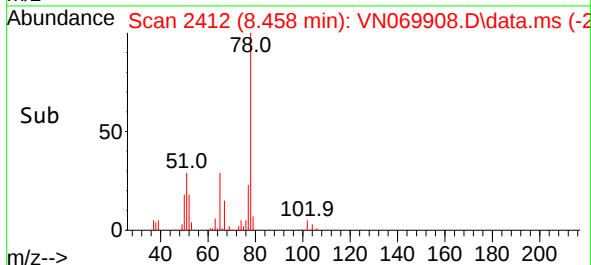
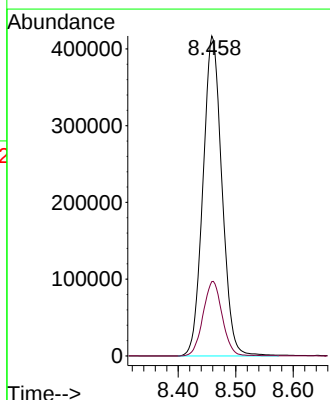
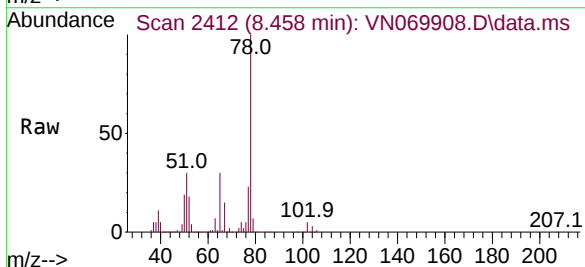
Acq: 9 Dec 2021 13:48

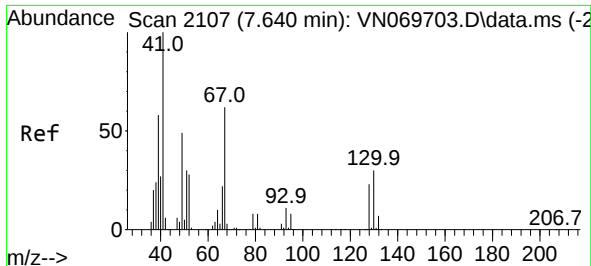
Tgt Ion: 78 Resp: 955822

Ion Ratio Lower Upper

78 100

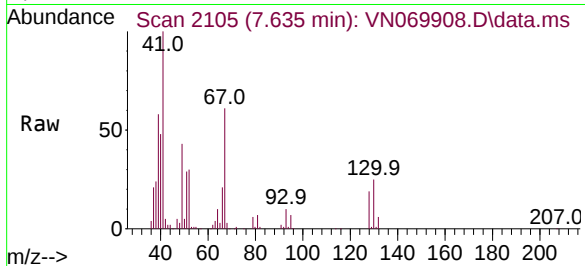
77 23.2 18.6 27.8





#41
Methacrylonitrile
Concen: 21.313 ug/l
RT: 7.635 min Scan# 2107
Delta R.T. -0.005 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

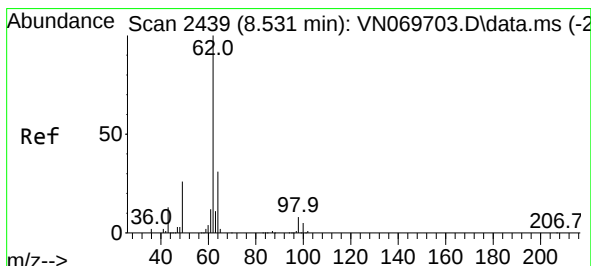
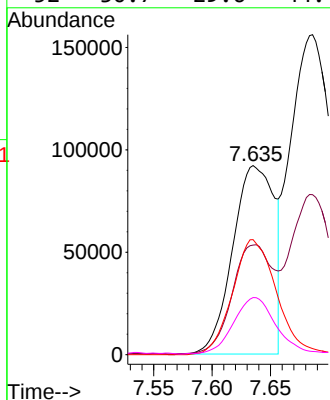
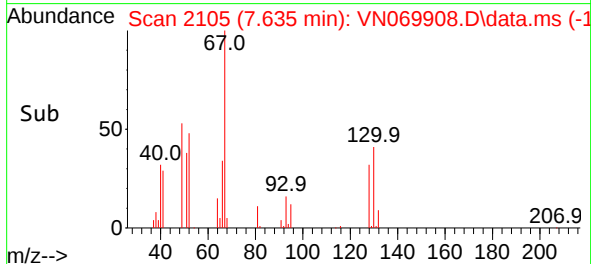
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 41 Resp: 227680
Ion Ratio Lower Upper
41 100
39 57.9 48.1 72.1
67 65.1 68.3 102.5
52 30.7 29.6 44.4

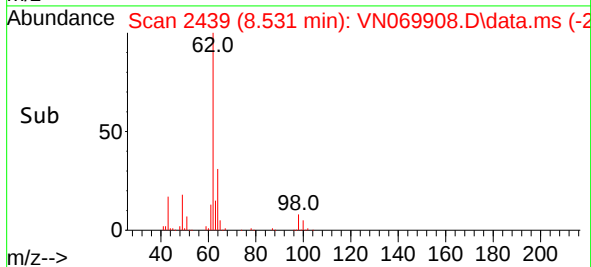
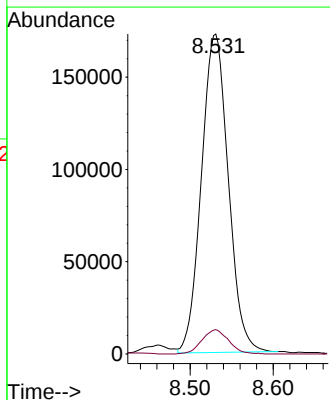
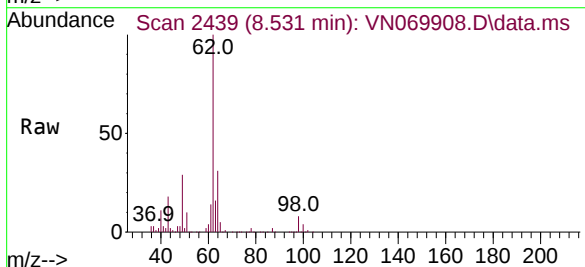
Manual Integrations
APPROVED

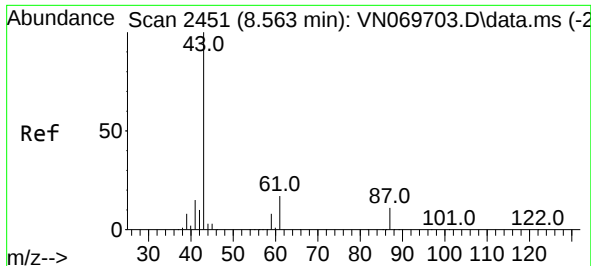
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 20.579 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

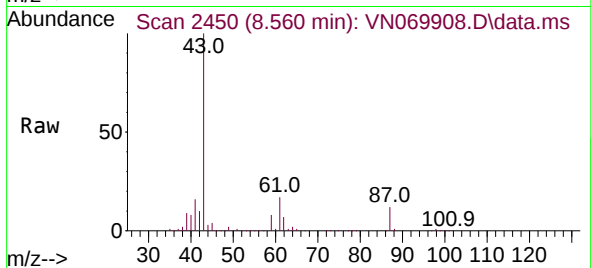
Tgt Ion: 62 Resp: 388245
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.708 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

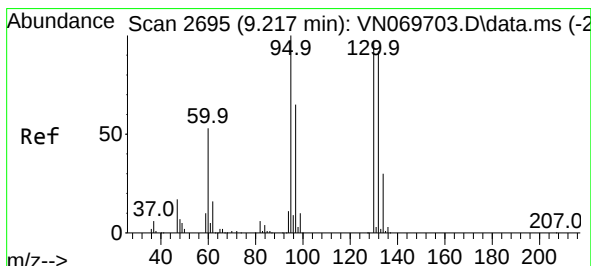
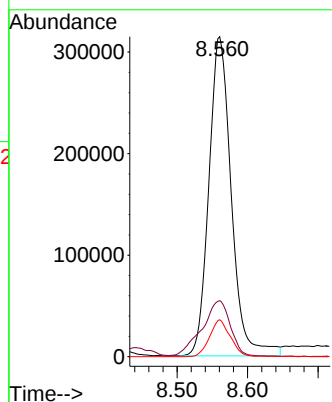
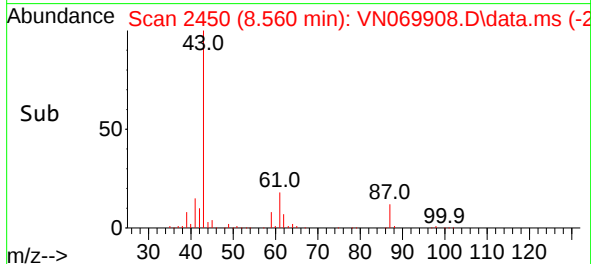
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 43 Resp: 697379
Ion Ratio Lower Upper
43 100
61 21.9 20.4 30.6
87 10.6 11.2 16.8

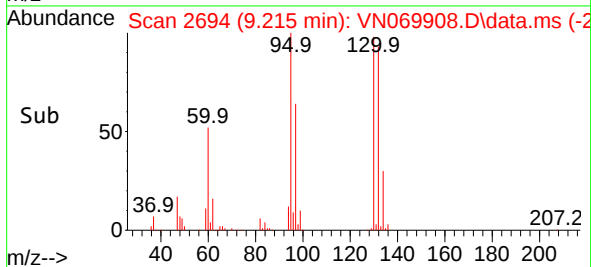
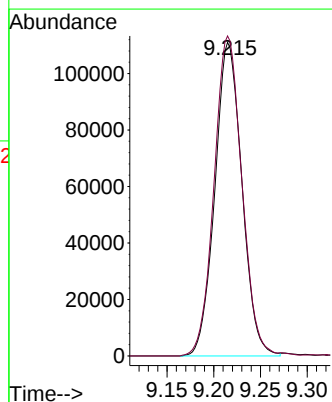
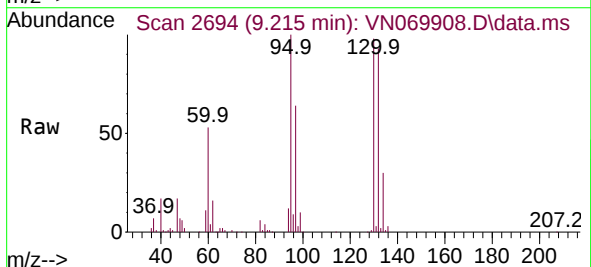
Manual Integrations
APPROVED

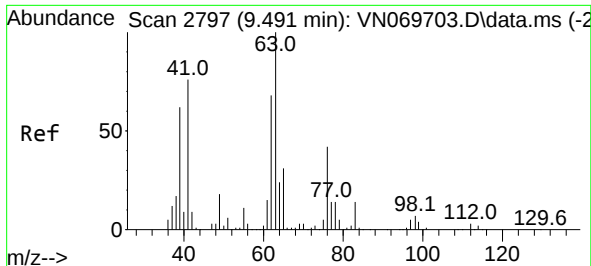
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 20.060 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

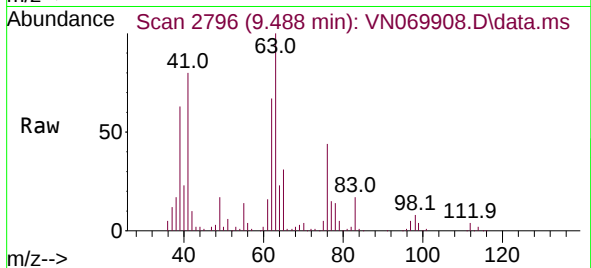
Tgt Ion:130 Resp: 223762
Ion Ratio Lower Upper
130 100
95 102.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.956 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

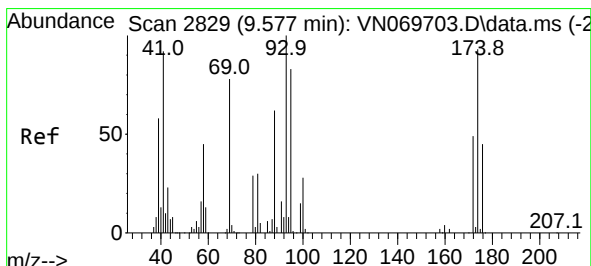
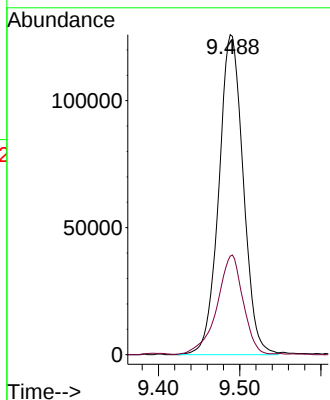
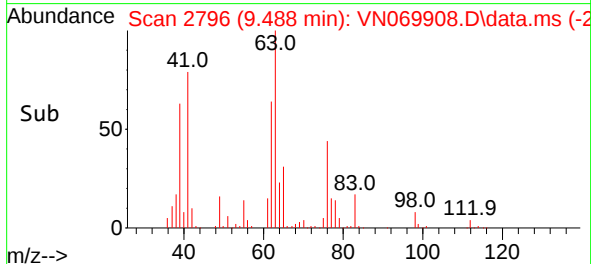
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



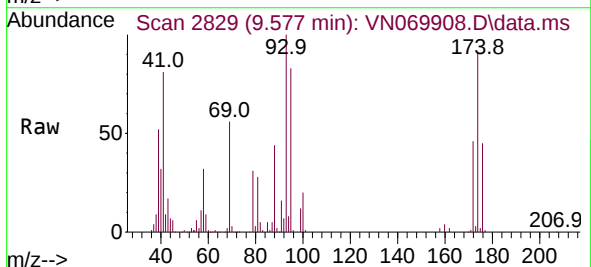
Tgt Ion: 63 Resp: 262990
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

Manual Integrations
APPROVED

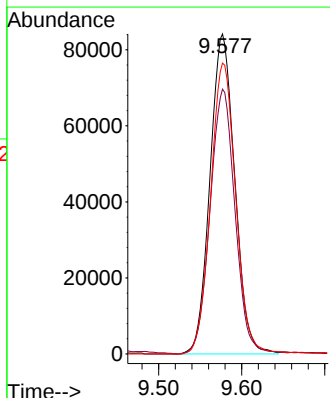
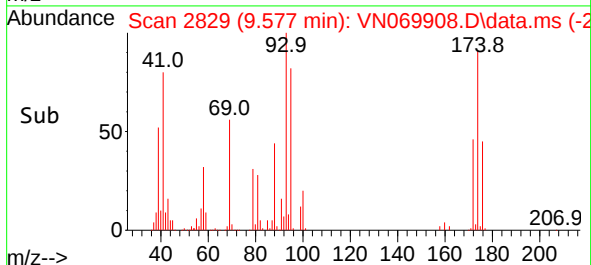
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

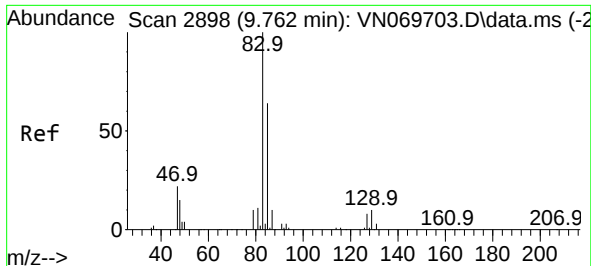


#46
Dibromomethane
Concen: 21.209 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



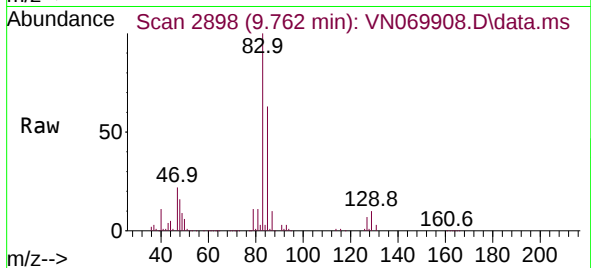
Tgt Ion: 93 Resp: 174563
Ion Ratio Lower Upper
93 100
95 83.2 65.9 98.9
174 92.0 84.6 127.0





#47
Bromodichloromethane
Concen: 23.191 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

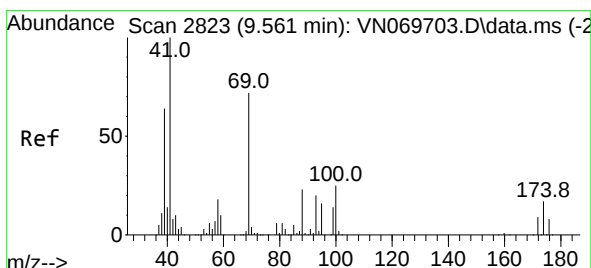
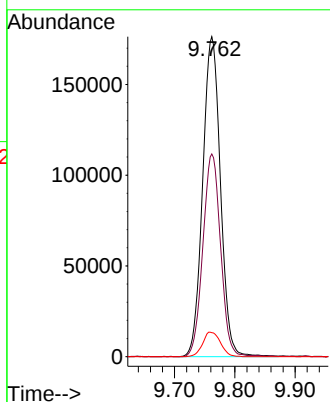
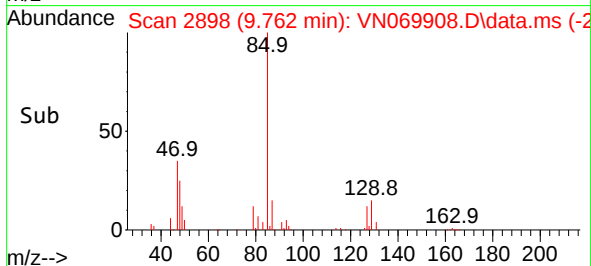
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 83 Resp: 361400
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 7.5 7.1 10.7

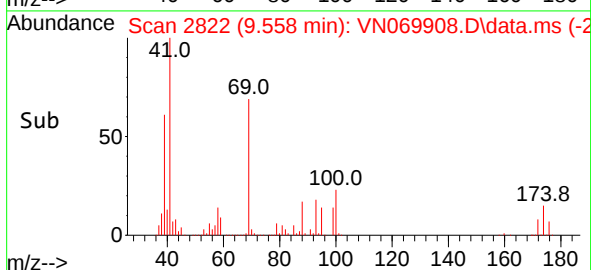
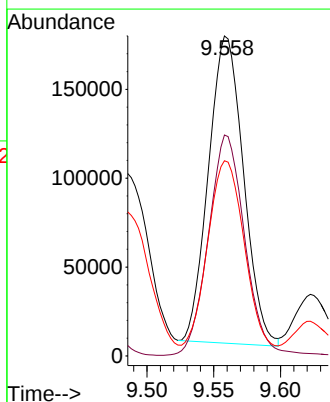
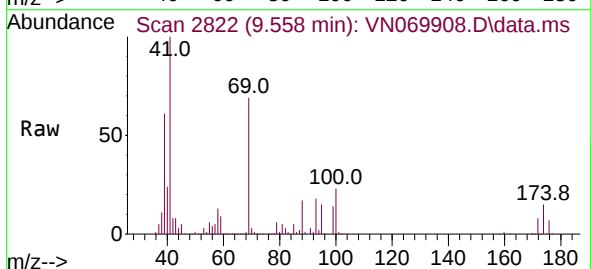
Manual Integrations
APPROVED

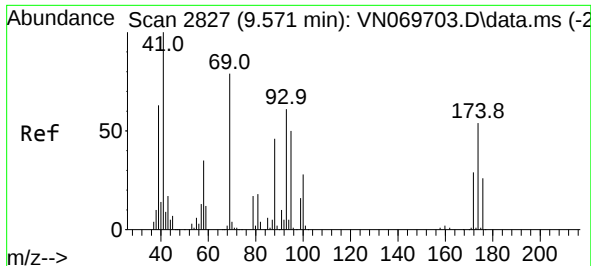
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 20.077 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

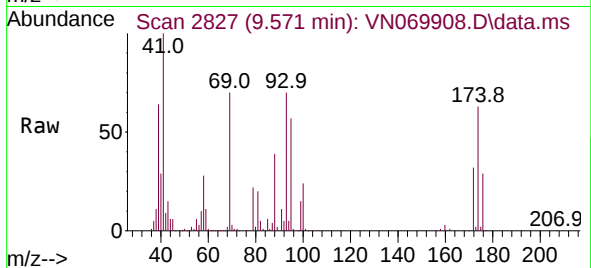
Tgt Ion: 41 Resp: 315529
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 62.3 58.4 87.6





#49
1,4-Dioxane
Concen: 326.413 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

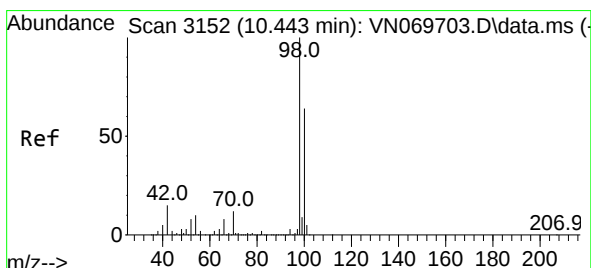
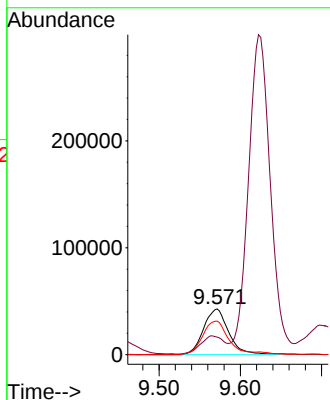
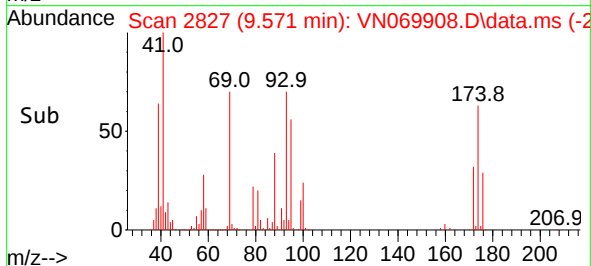
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 88 Resp: 92040
Ion Ratio Lower Upper
88 100
43 36.6 23.4 35.2
58 75.3 50.6 75.8

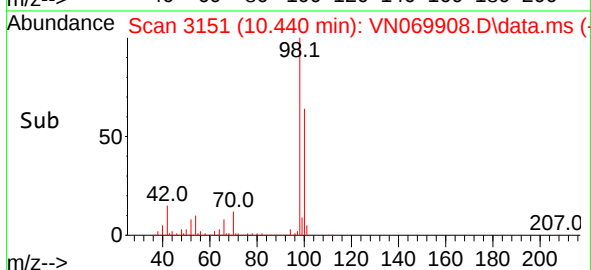
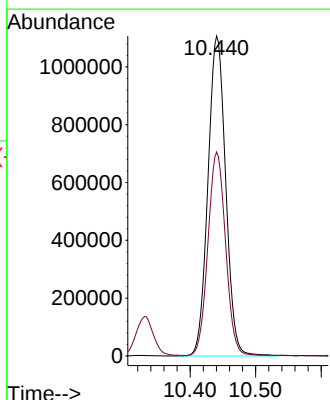
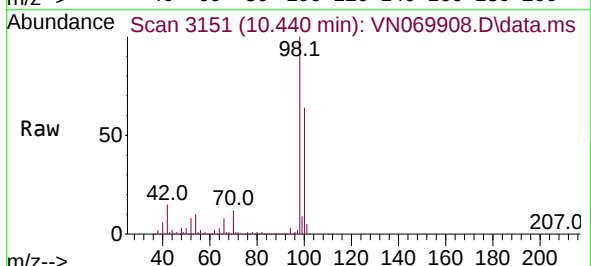
Manual Integrations
APPROVED

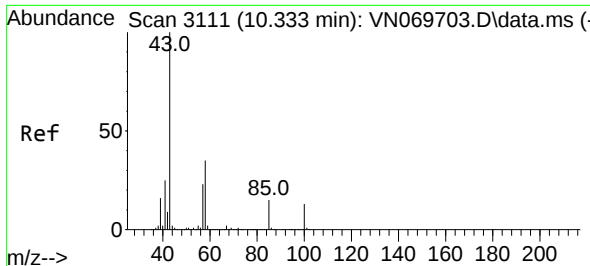
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#50
Toluene-d8
Concen: 51.484 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Tgt Ion: 98 Resp: 2079740
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6





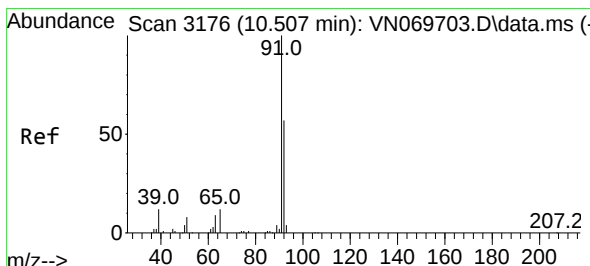
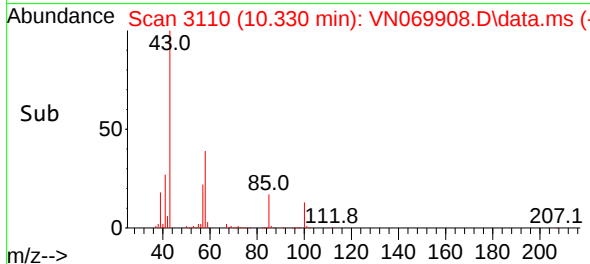
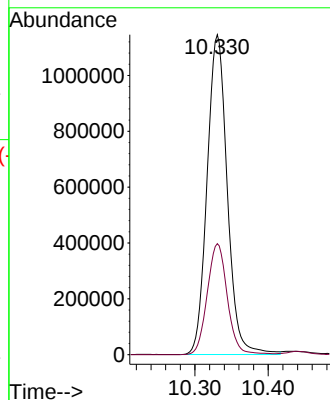
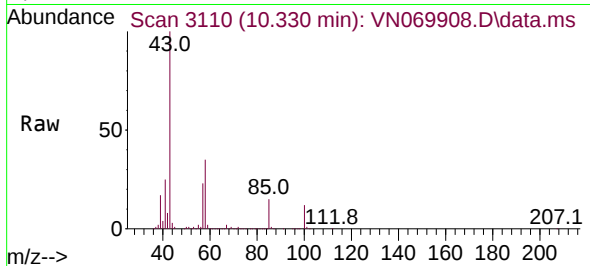
#51
4-Methyl-2-Pentanone
Concen: 100.232 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion: 43 Resp: 218974
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

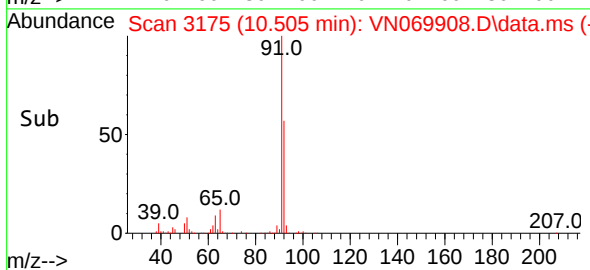
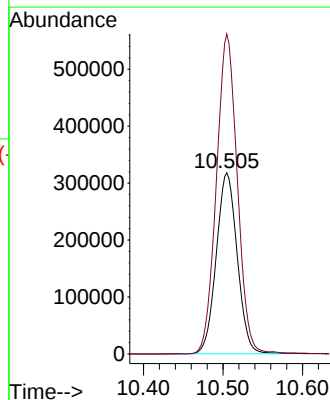
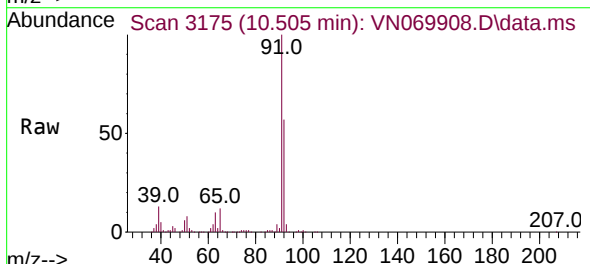
Manual Integrations
APPROVED

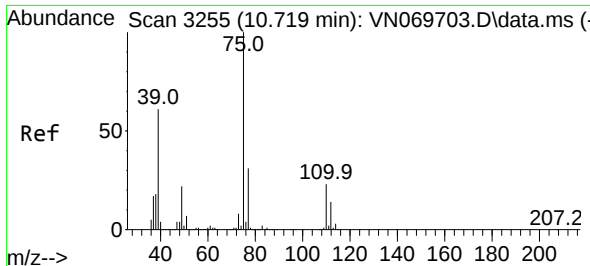
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 20.412 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

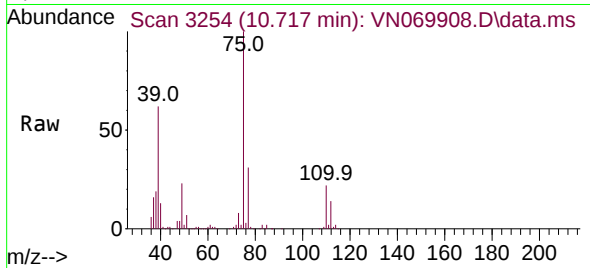
Tgt Ion: 92 Resp: 582392
Ion Ratio Lower Upper
92 100
91 176.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 21.114 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

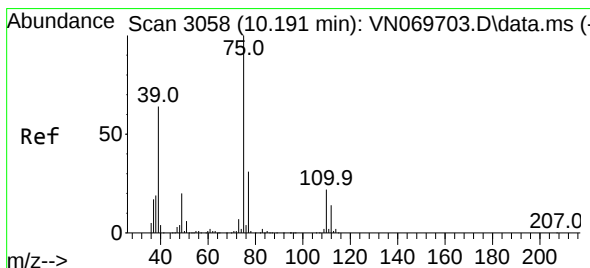
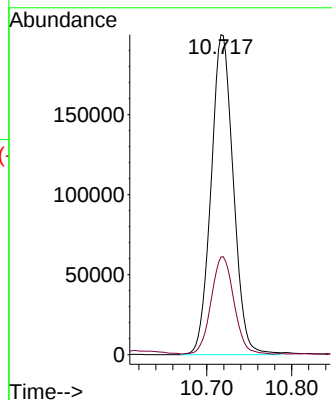
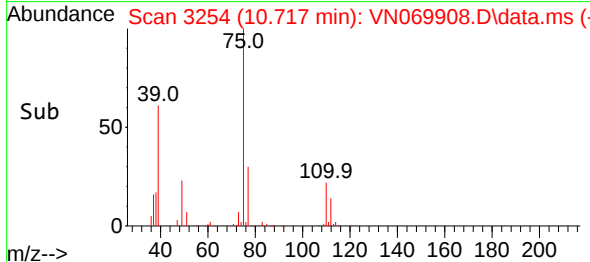
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



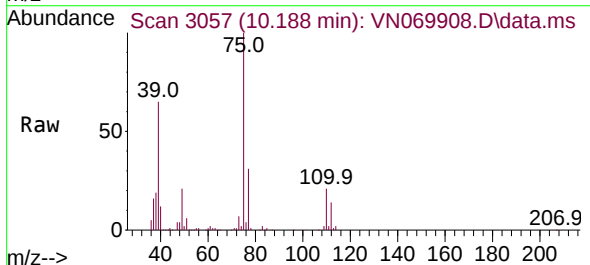
Tgt Ion: 75 Resp: 36374
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

Manual Integrations
APPROVED

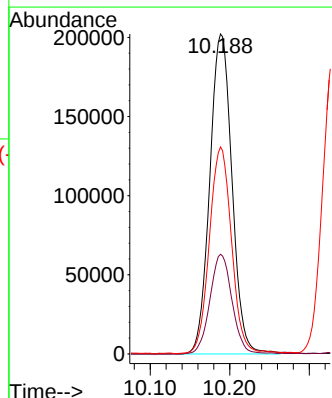
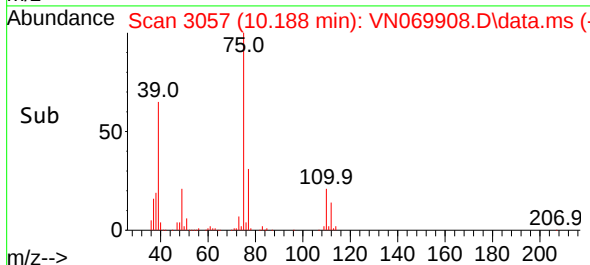
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

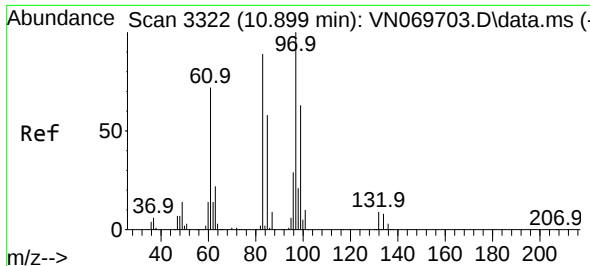


#54
cis-1,3-Dichloropropene
Concen: 21.142 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



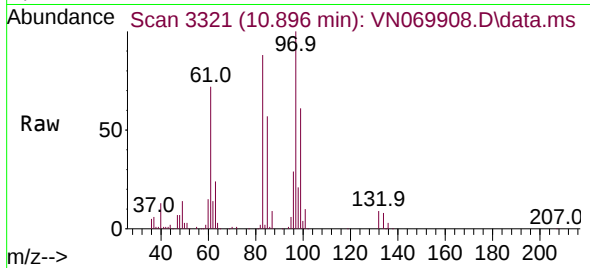
Tgt Ion: 75 Resp: 392297
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 64.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.571 ug/l
RT: 10.896 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

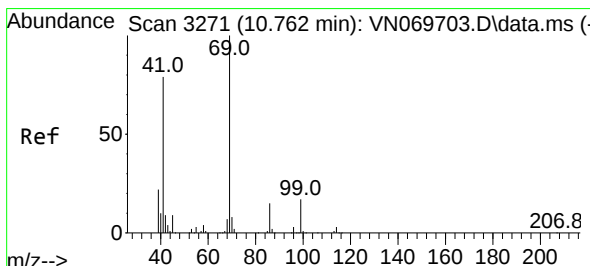
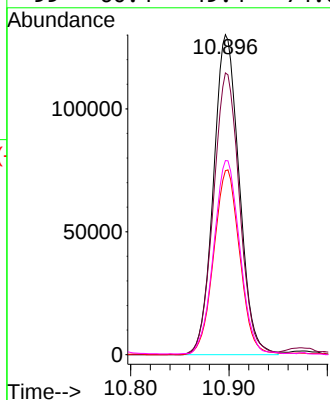
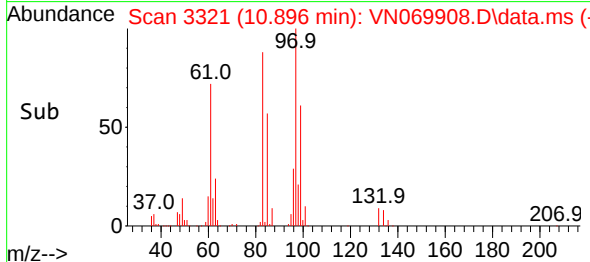
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 97 Resp: 236810
Ion Ratio Lower Upper
97 100
83 88.0 67.8 101.6
85 57.5 45.4 68.2
99 60.4 49.4 74.0

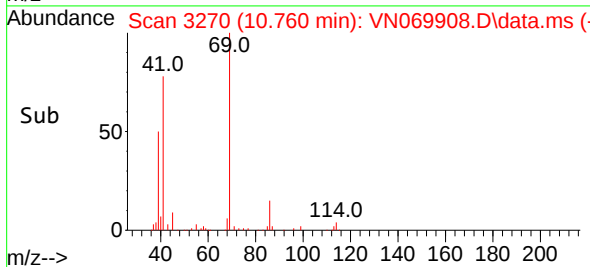
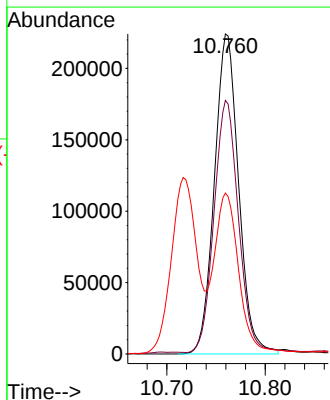
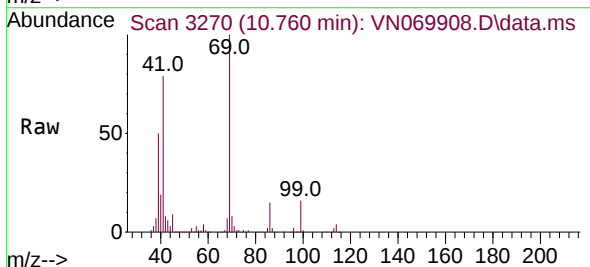
Manual Integrations
APPROVED

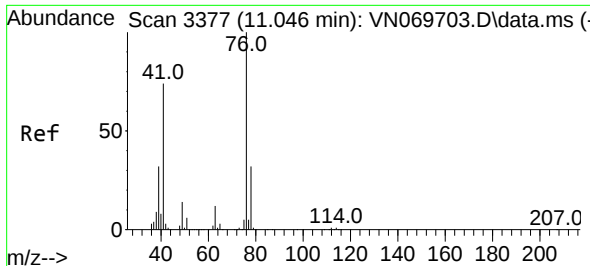
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#56
Ethyl methacrylate
Concen: 19.149 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Tgt Ion: 69 Resp: 383949
Ion Ratio Lower Upper
69 100
41 79.6 51.4 77.0#
39 49.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.890 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 76 Resp: 42344

Ion Ratio Lower Upper

76 100

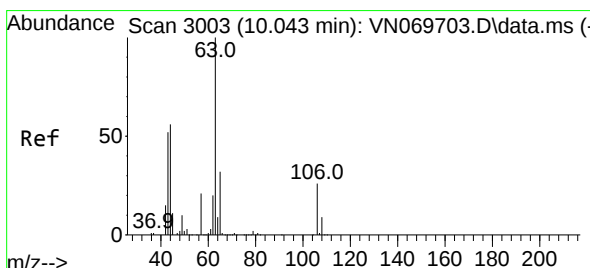
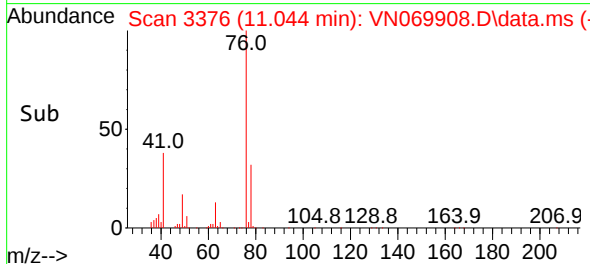
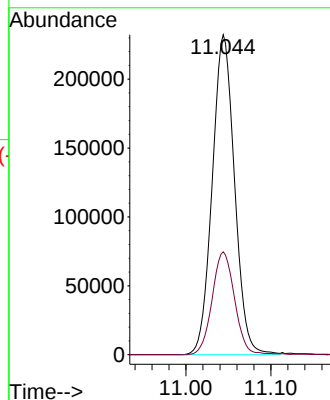
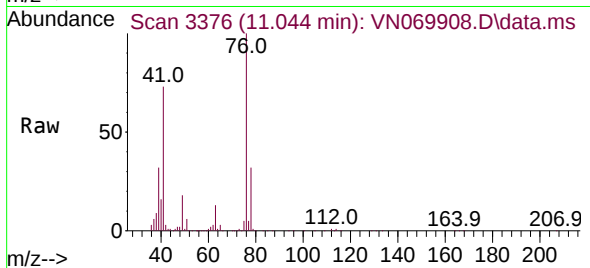
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 83.186 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069908.D

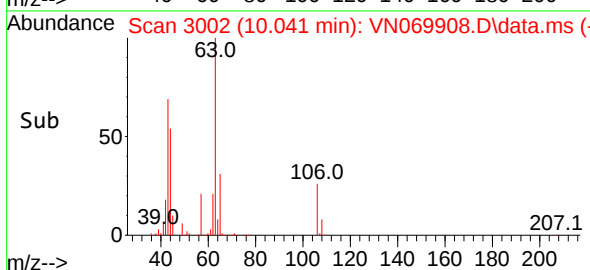
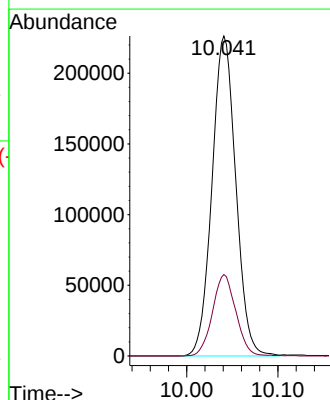
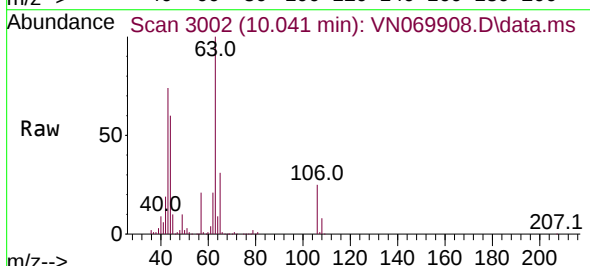
Acq: 9 Dec 2021 13:48

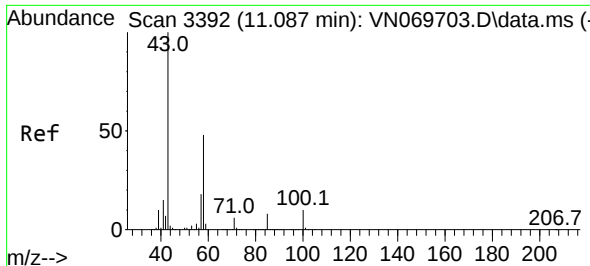
Tgt Ion: 63 Resp: 410273

Ion Ratio Lower Upper

63 100

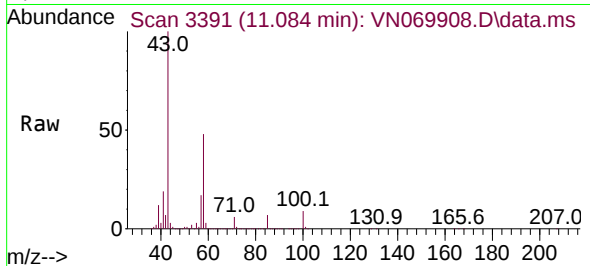
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 93.838 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

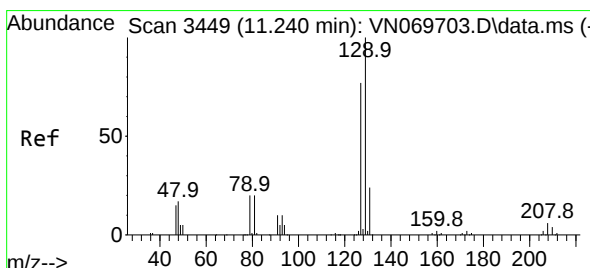
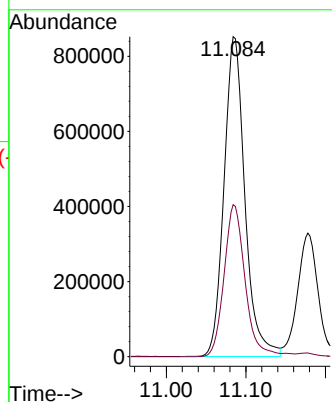
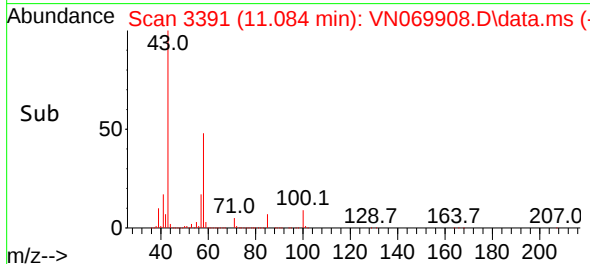
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 43 Resp: 155080
Ion Ratio Lower Upper
43 100
58 47.8 26.9 80.7

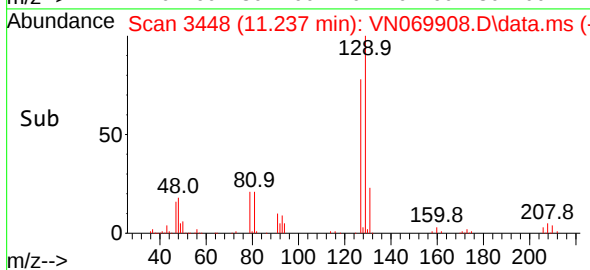
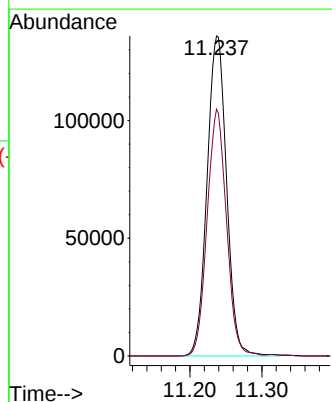
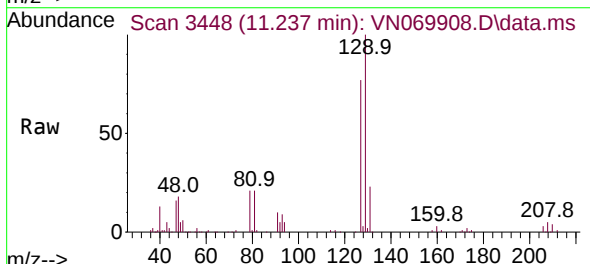
Manual Integrations
APPROVED

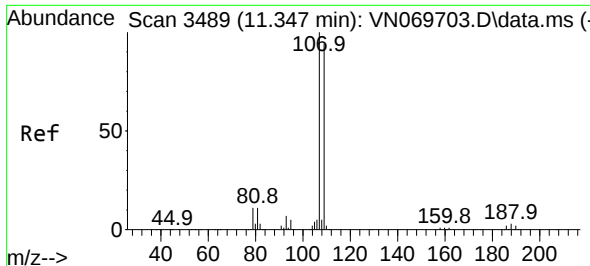
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 22.213 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

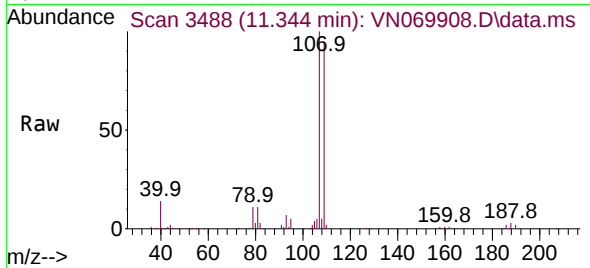
Tgt Ion:129 Resp: 256891
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.382 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

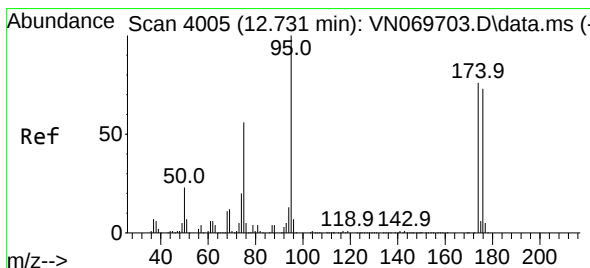
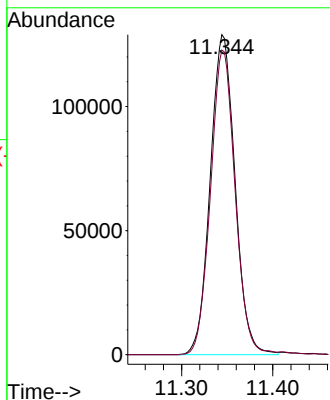
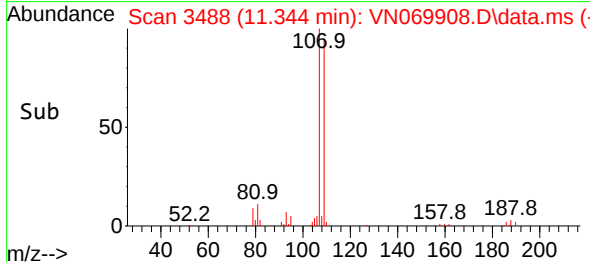
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



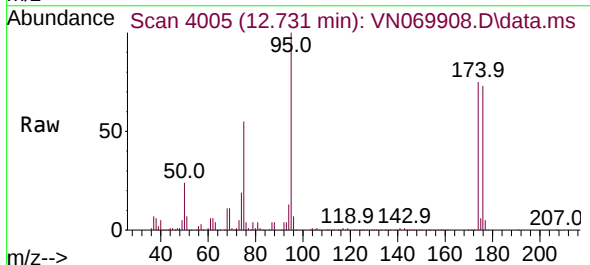
Tgt Ion:107 Resp: 24303
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

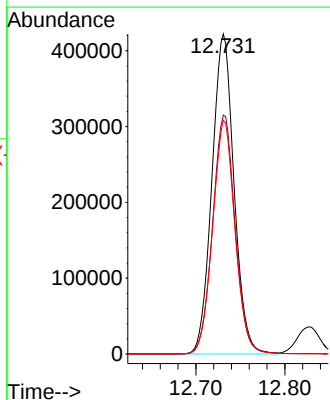
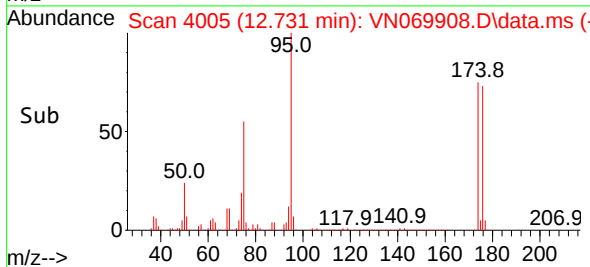
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

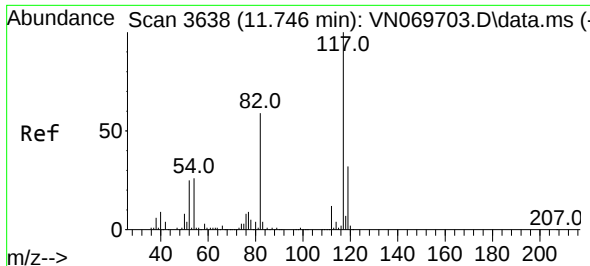


#62
4-Bromofluorobenzene
Concen: 49.740 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



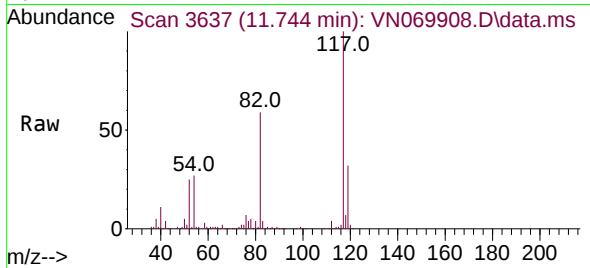
Tgt Ion: 95 Resp: 727927
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 74.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

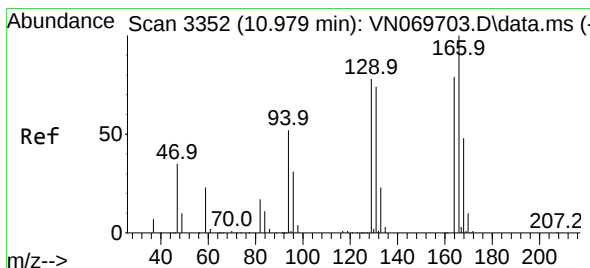
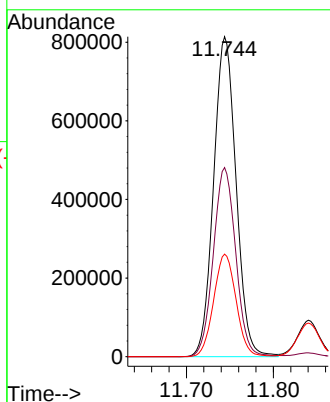
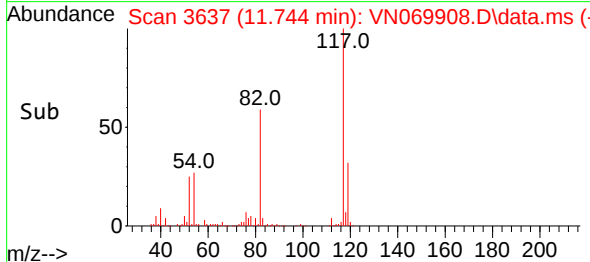
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion:117 Resp: 1462378
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.0 25.4 38.2

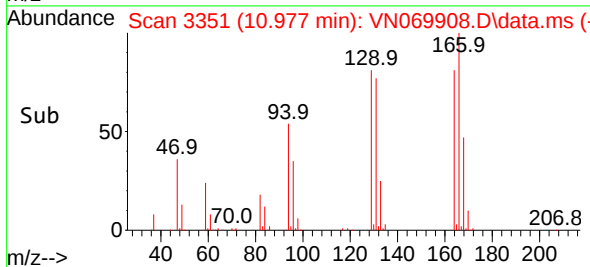
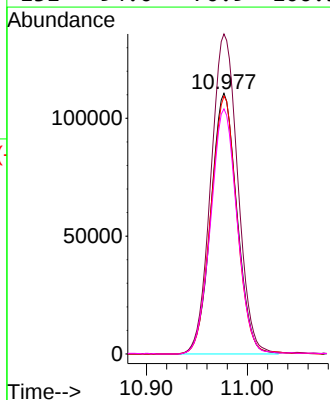
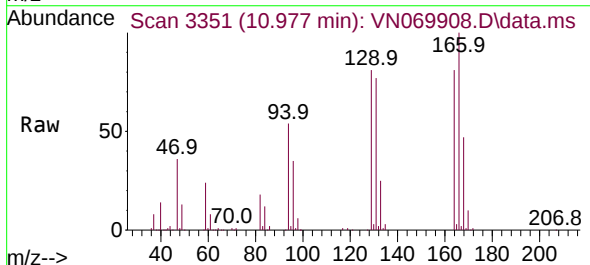
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 20.001 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

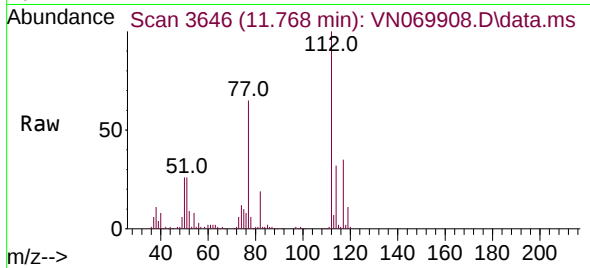
Tgt Ion:164 Resp: 198326
Ion Ratio Lower Upper
164 100
166 122.8 101.9 152.9
129 99.0 72.0 108.0
131 94.0 70.9 106.3





#65
Chlorobenzene
Concen: 20.588 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

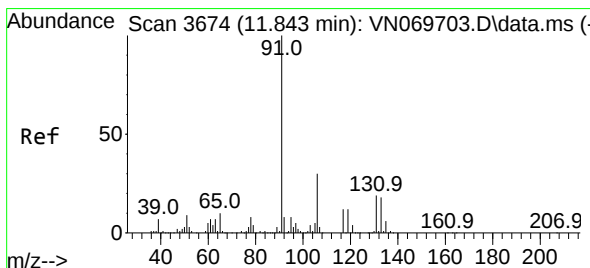
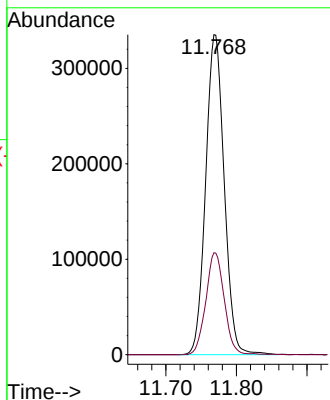
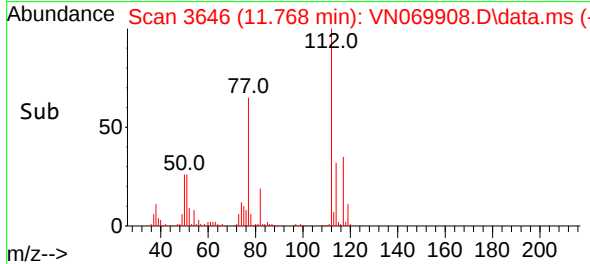
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



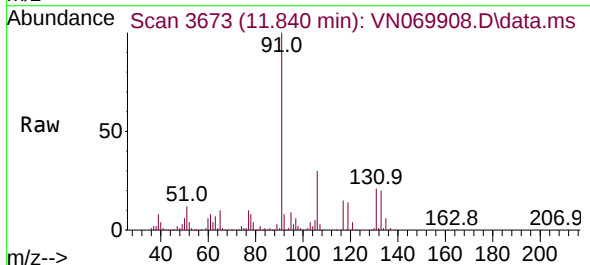
Tgt Ion:112 Resp: 61077
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

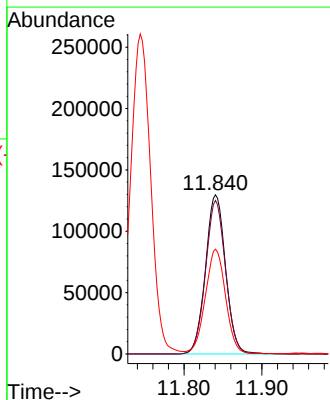
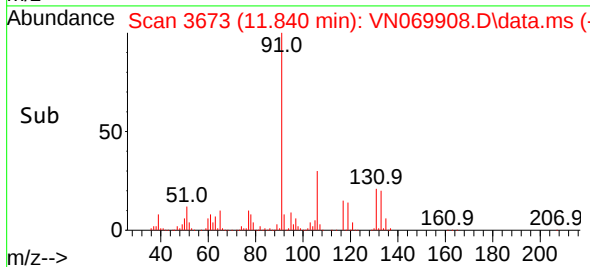
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 22.319 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



Tgt Ion:131 Resp: 233051
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.5 32.1 96.5





#67

Ethyl Benzene

Concen: 20.808 ug/l

RT: 11.843 min Scan# 3675

Delta R.T. -0.003 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion: 91 Resp: 1121350

Ion Ratio Lower Upper

91 100

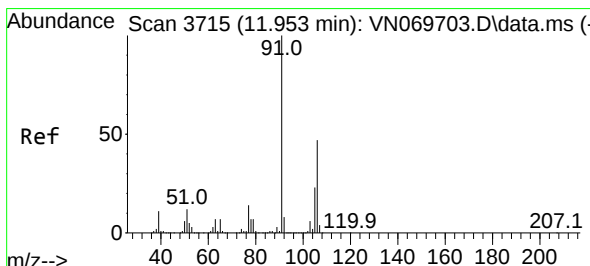
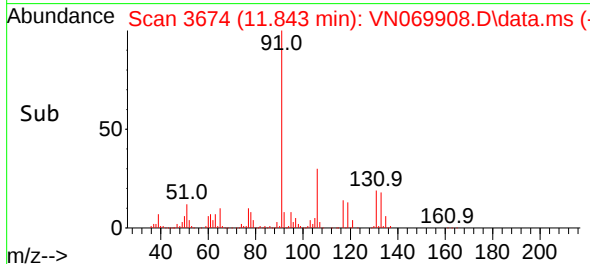
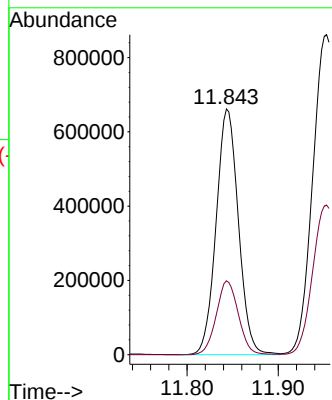
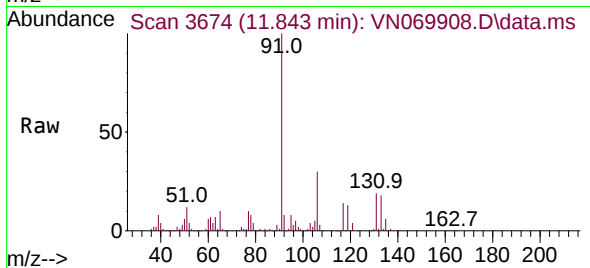
106 30.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#68

m/p-Xylenes

Concen: 41.984 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069908.D

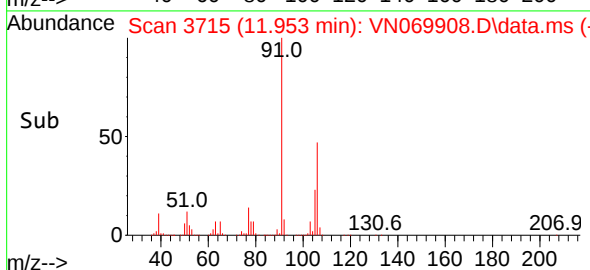
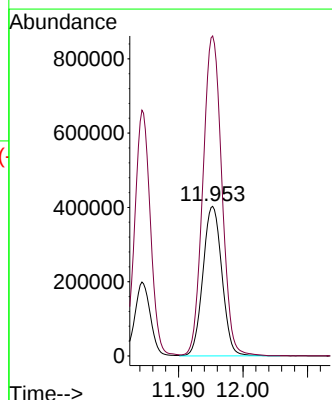
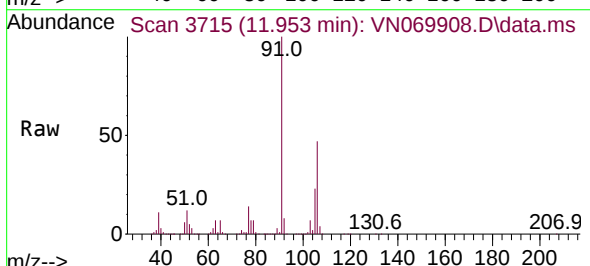
Acq: 9 Dec 2021 13:48

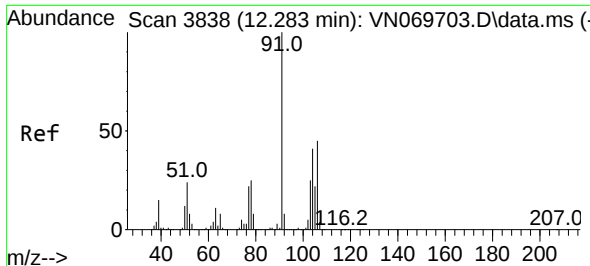
Tgt Ion:106 Resp: 823795

Ion Ratio Lower Upper

106 100

91 212.8 160.6 240.8





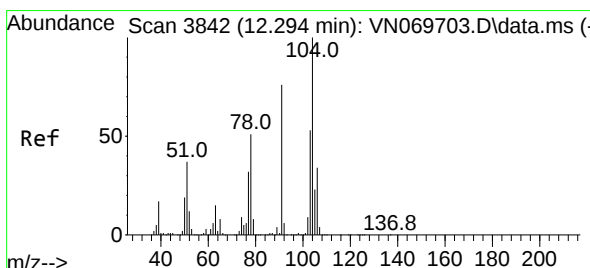
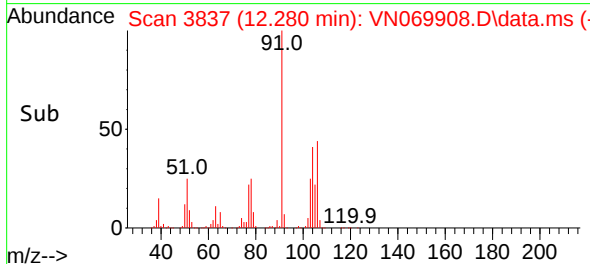
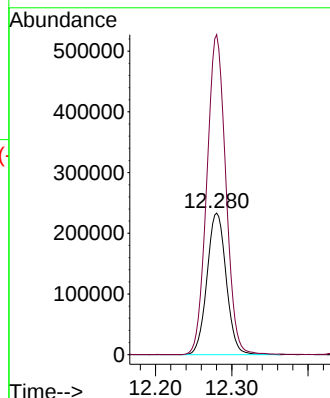
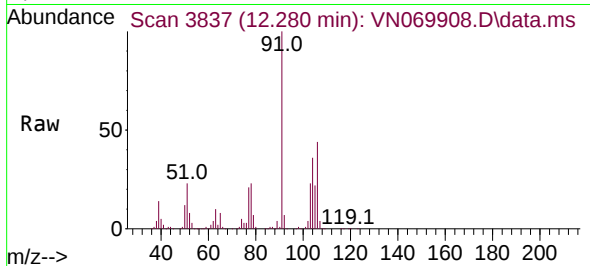
#69
o-Xylene
Concen: 20.639 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion:106 Resp: 407928
Ion Ratio Lower Upper
106 100
91 223.5 105.8 317.3

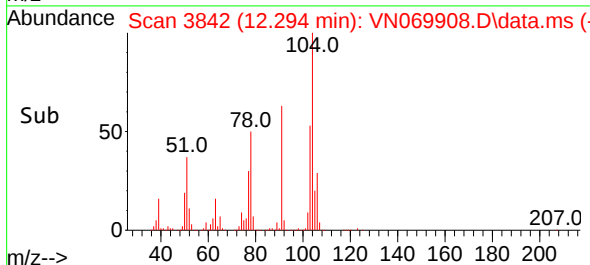
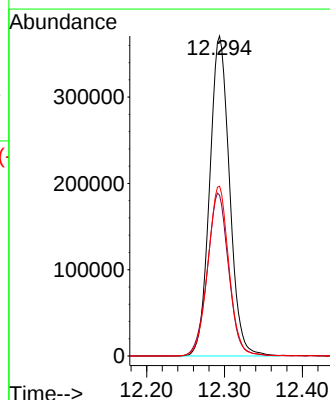
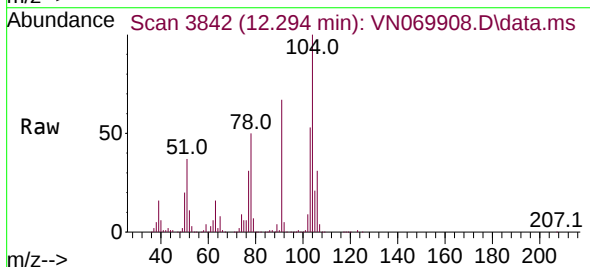
Manual Integrations
APPROVED

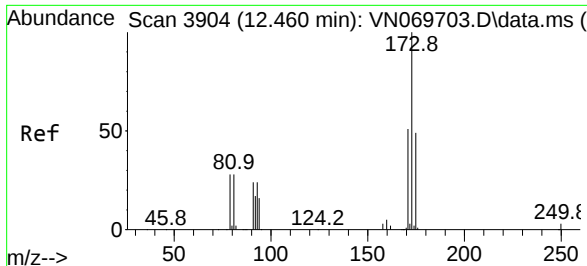
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 21.032 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

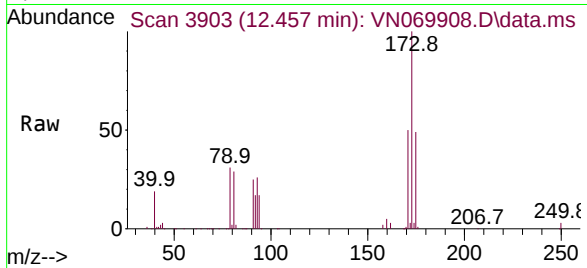
Tgt Ion:104 Resp: 659154
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 22.641 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

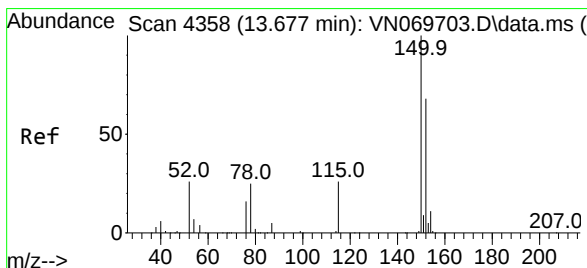
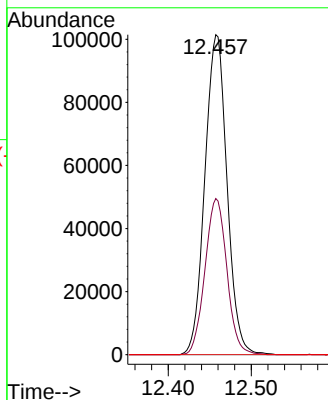
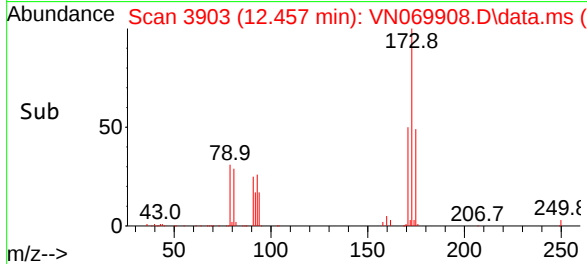
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



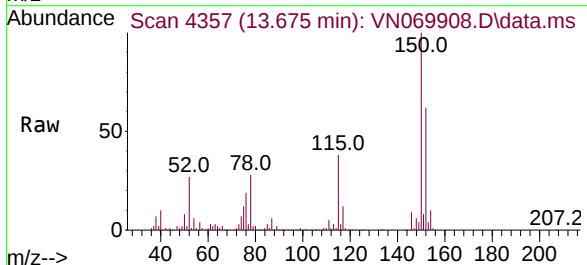
Tgt Ion:173 Resp: 188089
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

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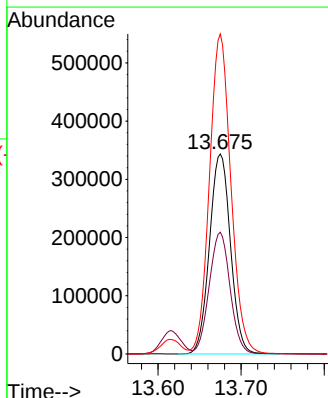
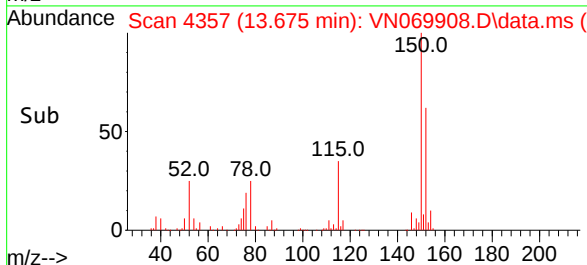
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

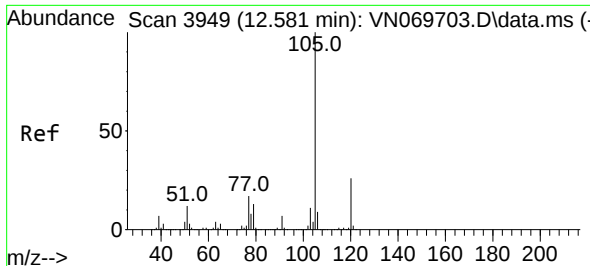


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



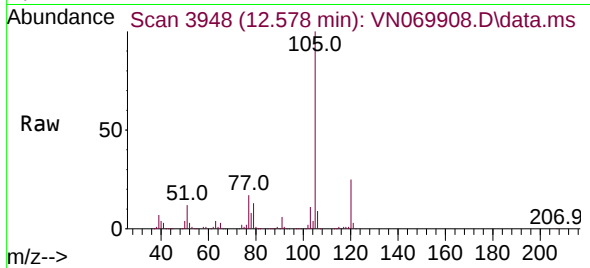
Tgt Ion:152 Resp: 603800
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 162.8 0.0 344.4





#73
Isopropylbenzene
Concen: 19.780 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

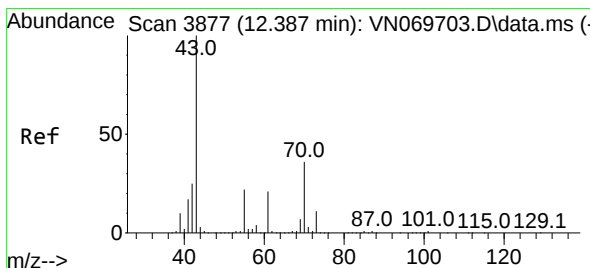
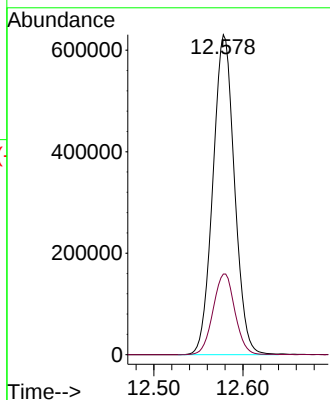
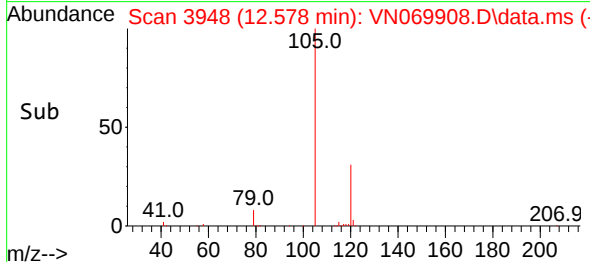
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



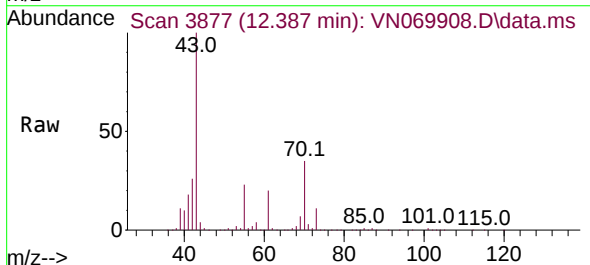
Tgt Ion:105 Resp: 1062604
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

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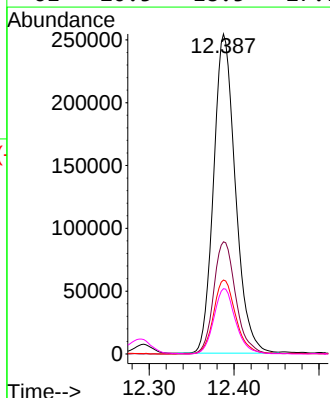
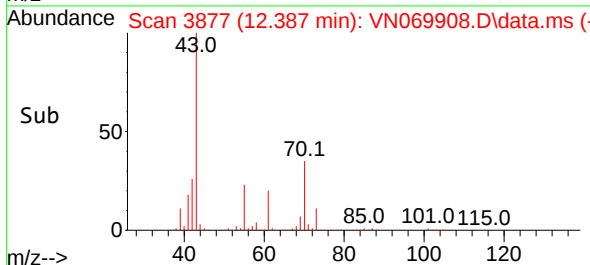
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

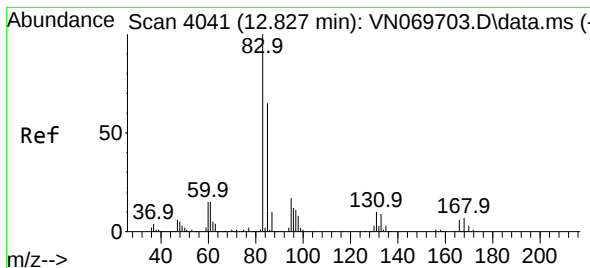


#74
N-ethyl acetate
Concen: 19.051 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



Tgt Ion: 43 Resp: 452619
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 23.3 19.3 28.9
61 20.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.355 ug/l

RT: 12.825 min Scan# 4041

Delta R.T. -0.003 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

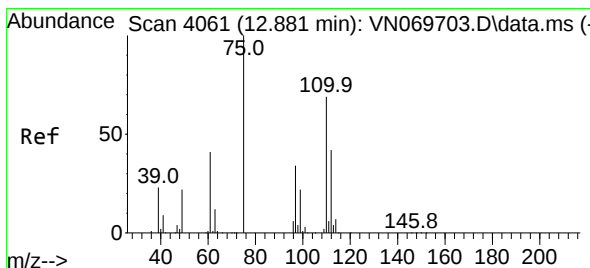
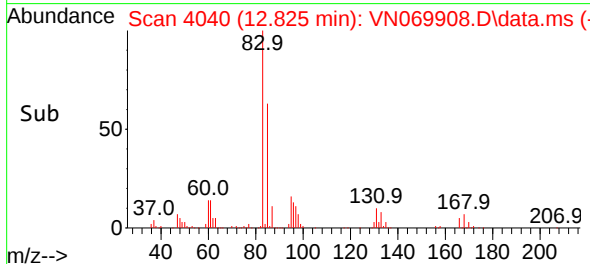
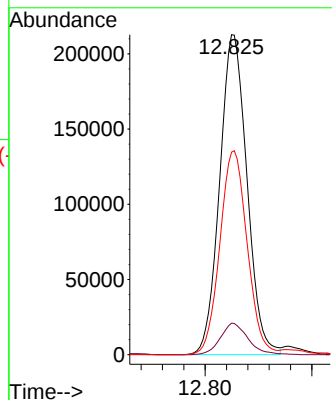
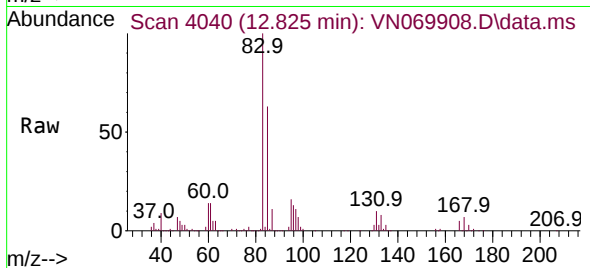
Tgt Ion: 83 Resp: 378129
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.5 16.5
 85 63.6 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#76

1,2,3-Trichloropropane

Concen: 18.423 ug/l m

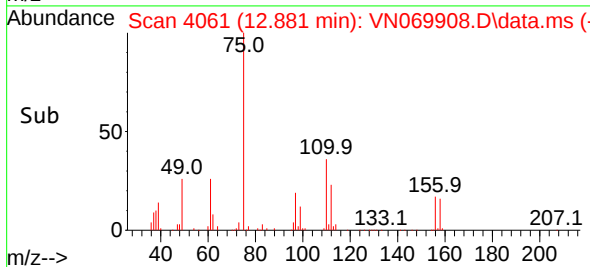
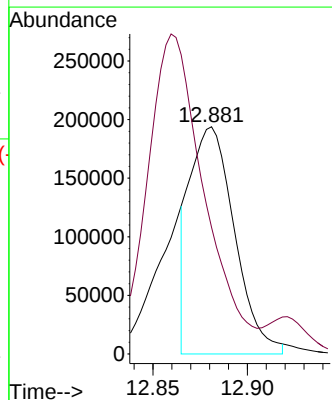
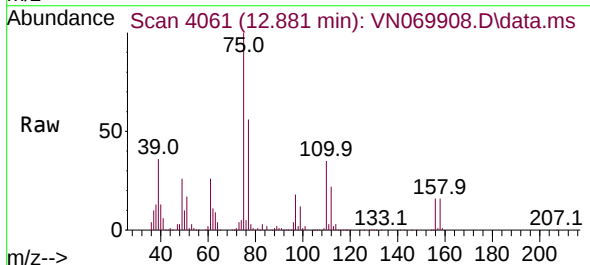
RT: 12.881 min Scan# 4061

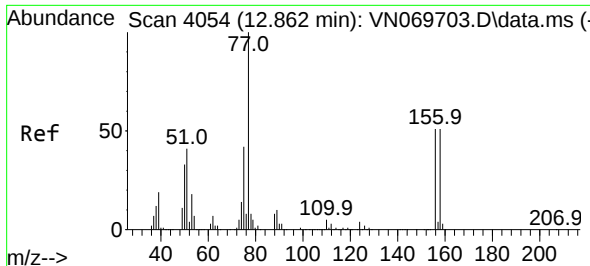
Delta R.T. 0.000 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

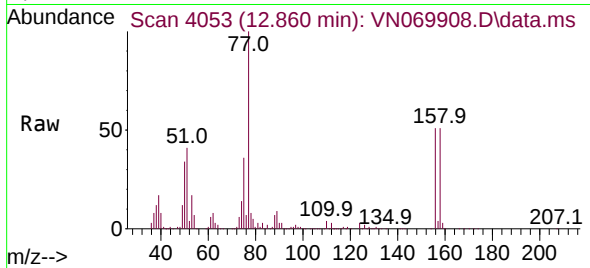
Tgt Ion: 75 Resp: 318997
 Ion Ratio Lower Upper
 75 100
 77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.699 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

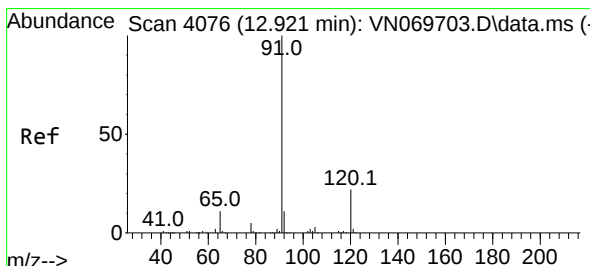
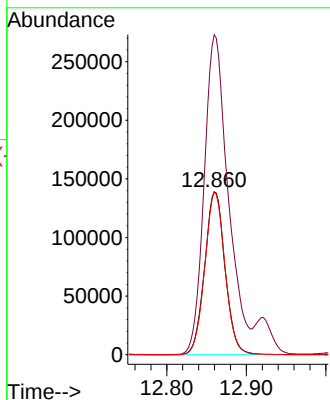
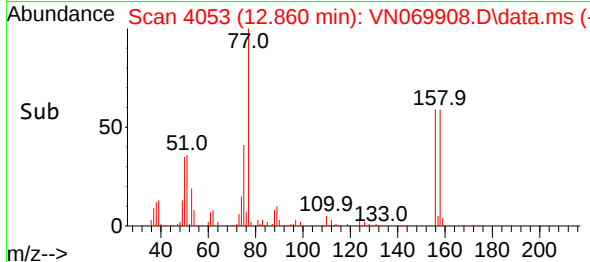
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion:156 Resp: 248572
Ion Ratio Lower Upper
156 100
77 229.7 90.6 271.8
158 98.8 48.9 146.7

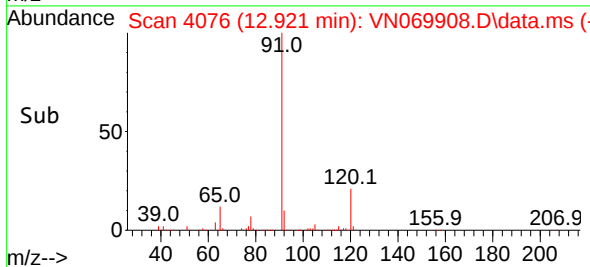
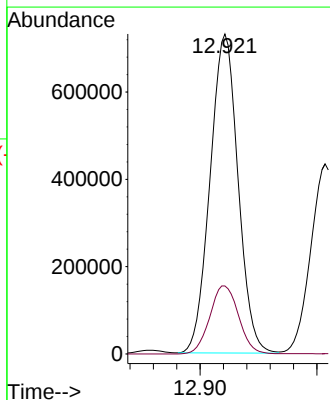
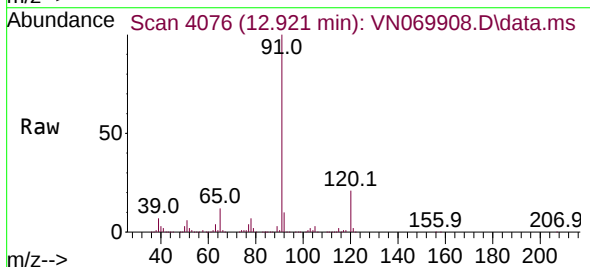
Manual Integrations
APPROVED

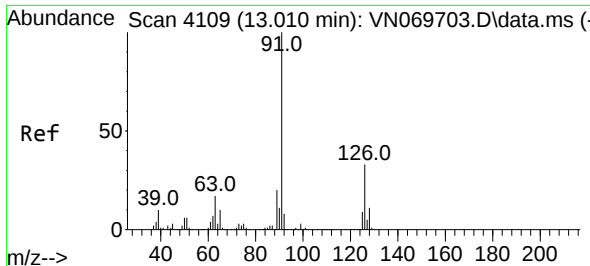
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 20.324 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Tgt Ion: 91 Resp: 1214995
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





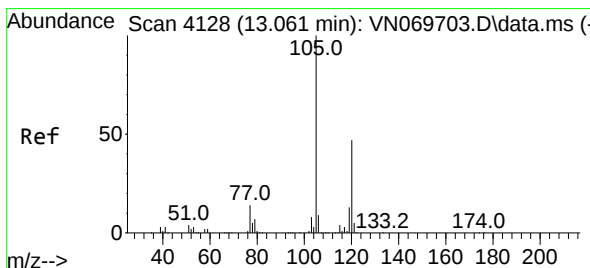
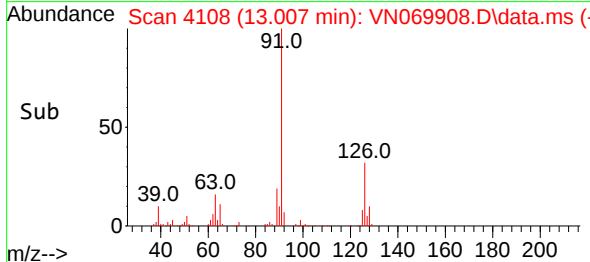
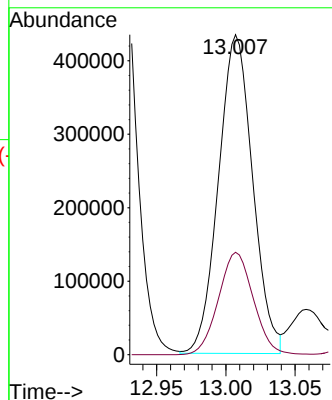
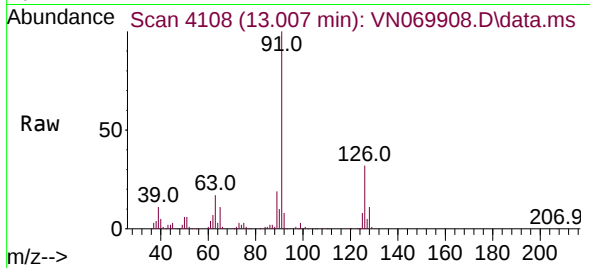
#79
2-Chlorotoluene
Concen: 19.722 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tgt Ion: 91 Resp: 744948
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

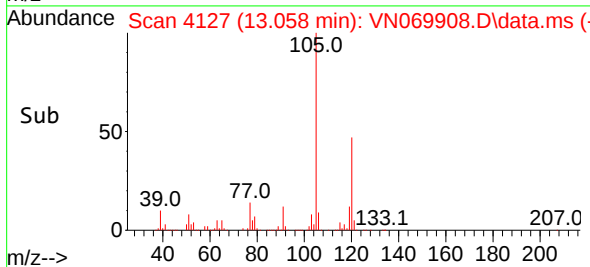
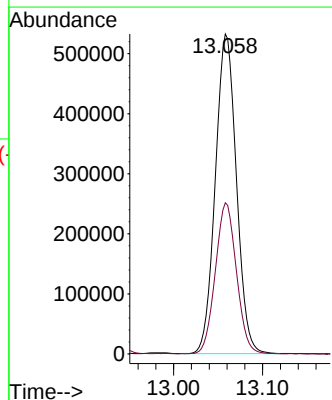
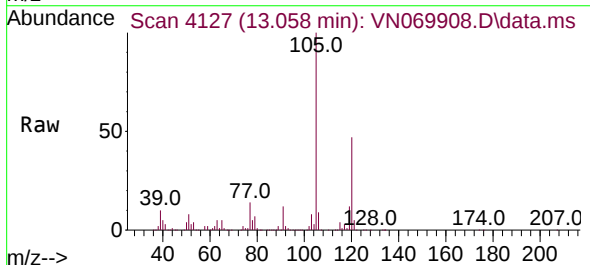
Manual Integrations
APPROVED

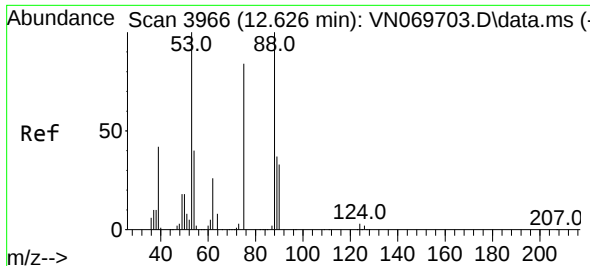
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.247 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

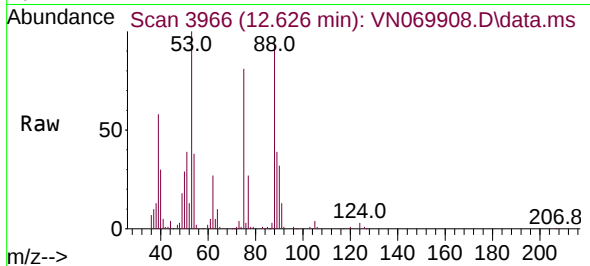
Tgt Ion:105 Resp: 875478
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.542 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

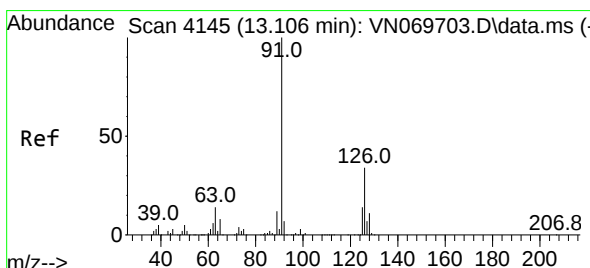
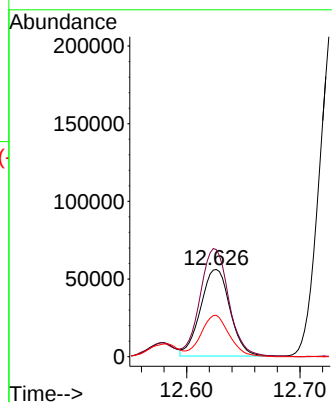
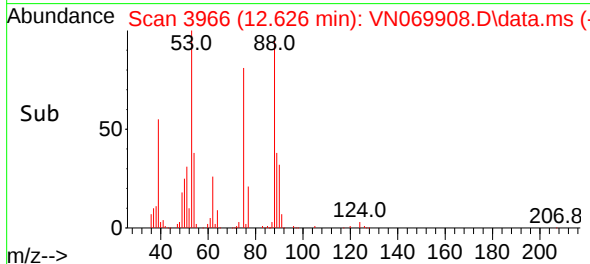
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 75 Resp: 10066
Ion Ratio Lower Upper
75 100
53 123.1 90.5 135.7
89 45.7 38.2 57.4

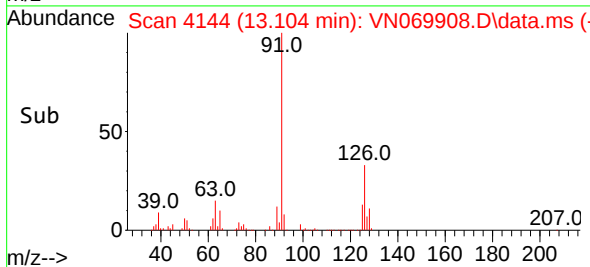
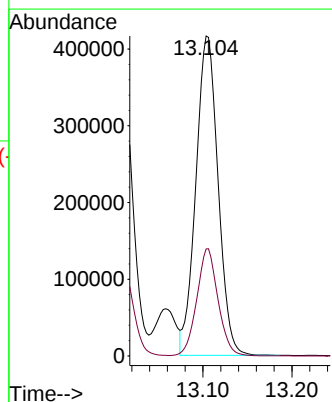
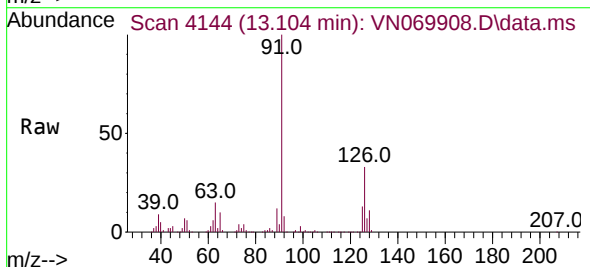
Manual Integrations
APPROVED

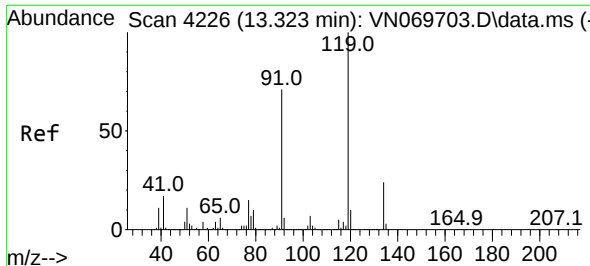
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 20.319 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

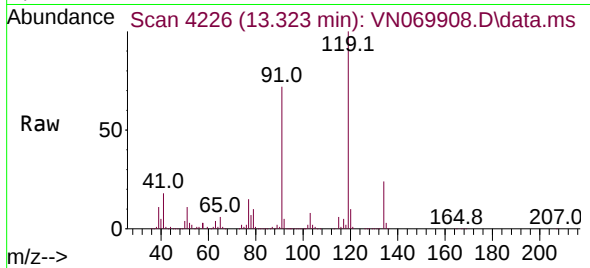
Tgt Ion: 91 Resp: 721811
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
 tert-Butylbenzene
 Concen: 19.474 ug/l
 RT: 13.323 min Scan# 4226
 Delta R.T. 0.000 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48

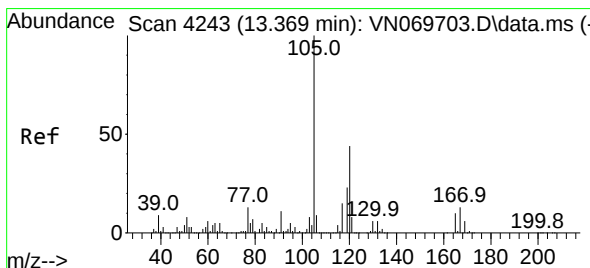
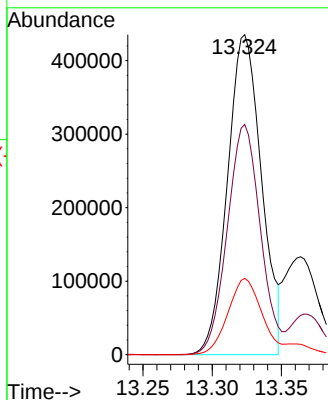
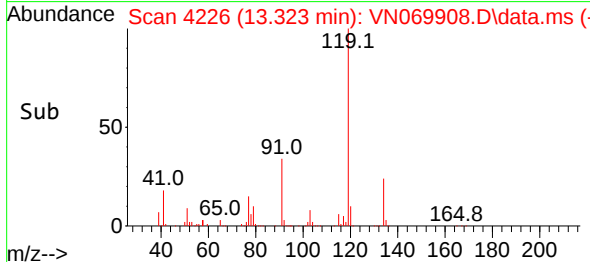
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01



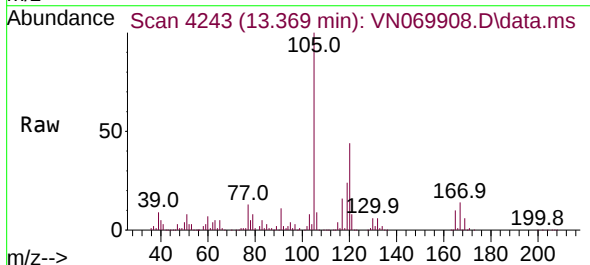
Tgt Ion:119 Resp: 74559
 Ion Ratio Lower Upper
 119 100
 91 70.1 31.5 94.5
 134 24.0 12.4 37.4

Manual Integrations
 APPROVED

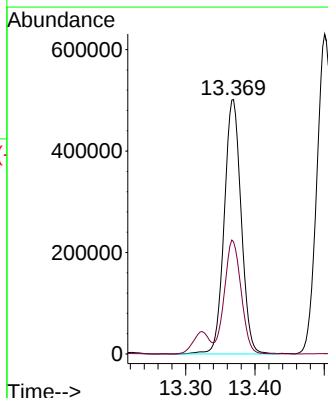
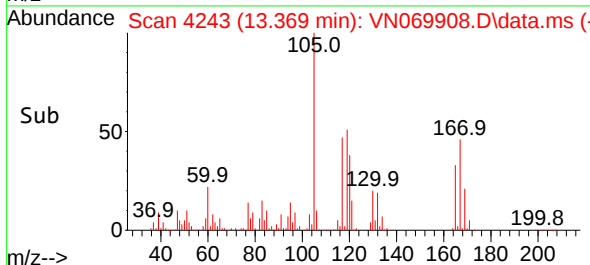
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

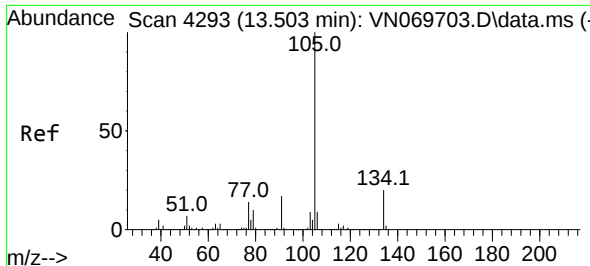


#84
 1,2,4-Trimethylbenzene
 Concen: 20.680 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48



Tgt Ion:105 Resp: 851590
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.8 68.4





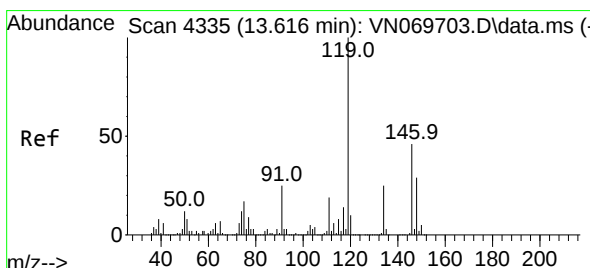
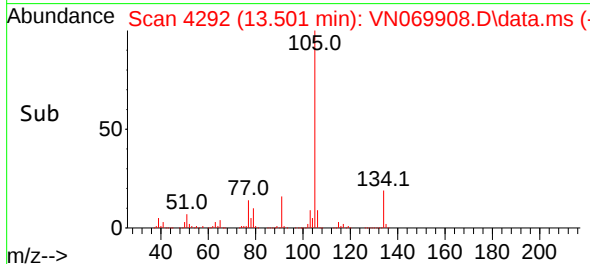
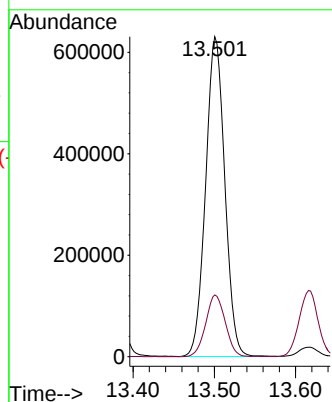
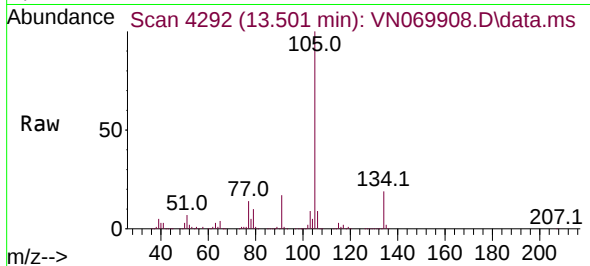
#85
 sec-Butylbenzene
 Concen: 19.867 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tgt Ion:105 Resp: 103177
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

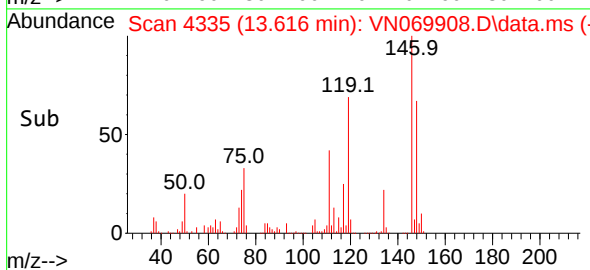
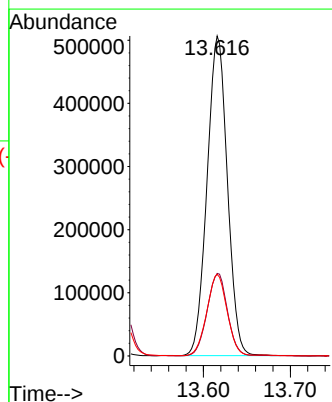
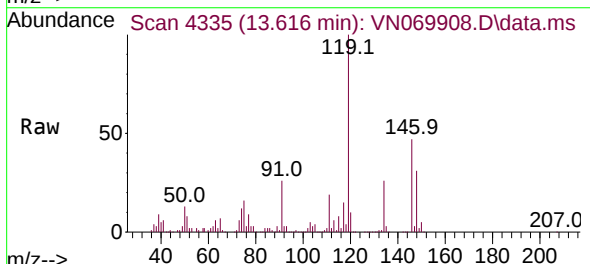
Manual Integrations
 APPROVED

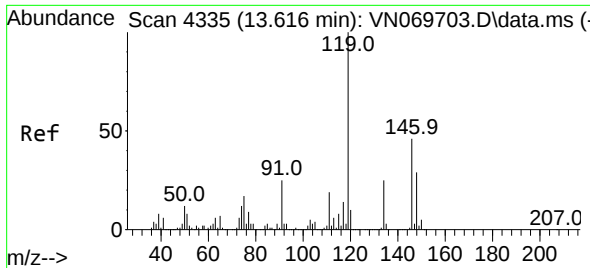
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 20.192 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069908.D
 Acq: 9 Dec 2021 13:48

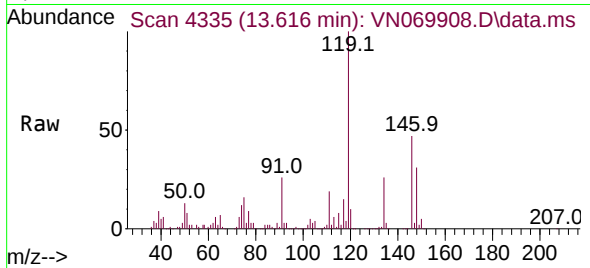
Tgt Ion:119 Resp: 819652
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.081 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

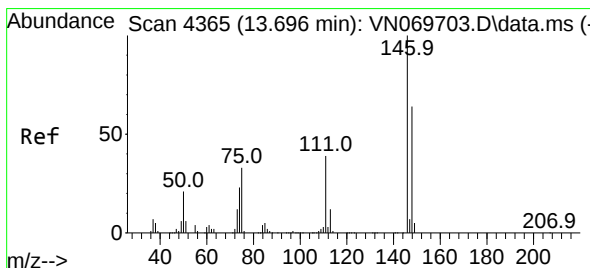
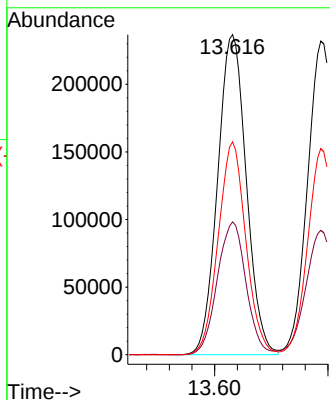
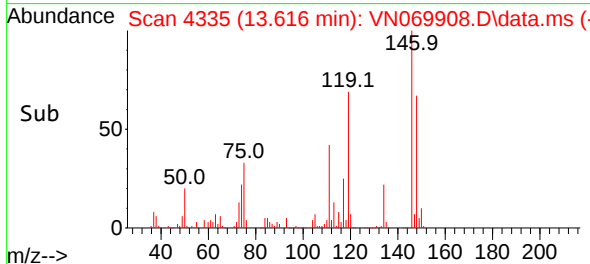
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion:146 Resp: 41627
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 64.4 31.6 95.0

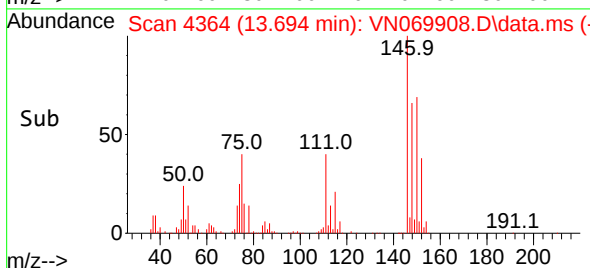
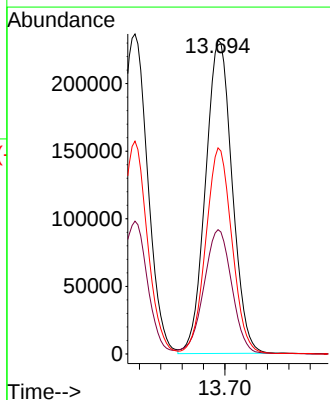
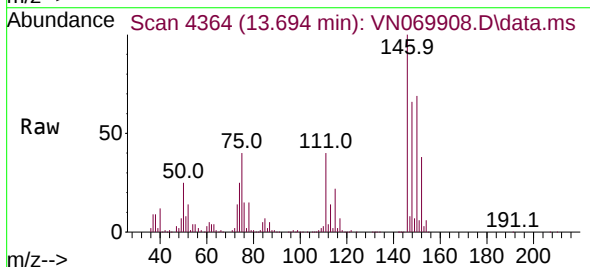
Manual Integrations
APPROVED

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



#88
1,4-Dichlorobenzene
Concen: 19.702 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

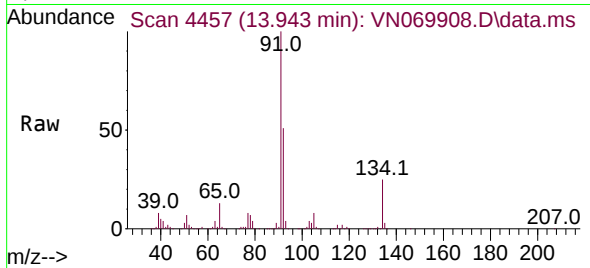
Tgt Ion:146 Resp: 401369
Ion Ratio Lower Upper
146 100
111 41.4 18.3 54.8
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 19.767 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

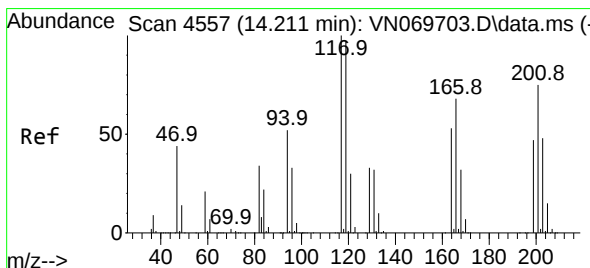
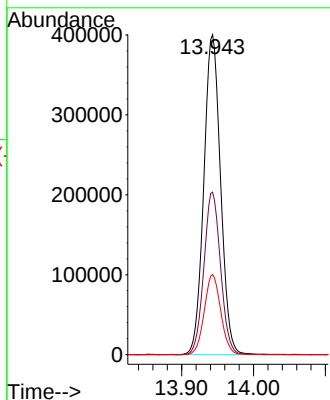
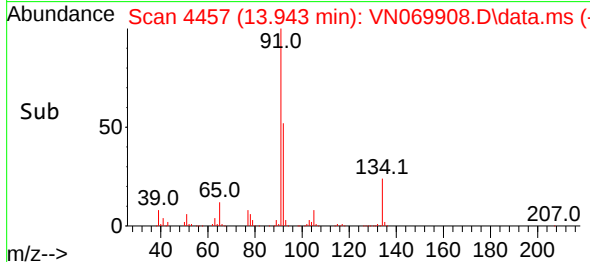
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion: 91 Resp: 650928
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.0
134 24.6 13.6 40.8

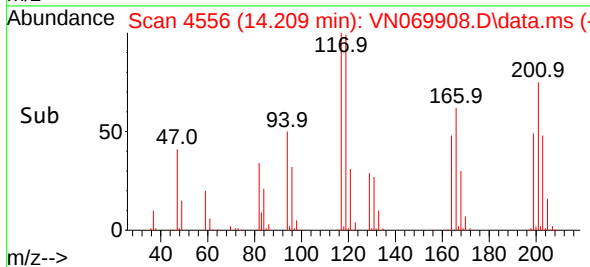
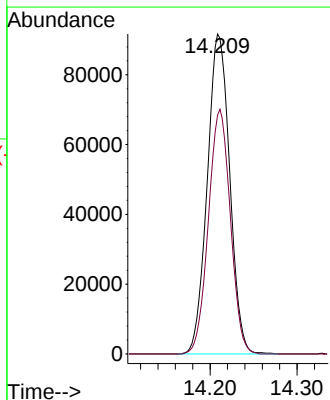
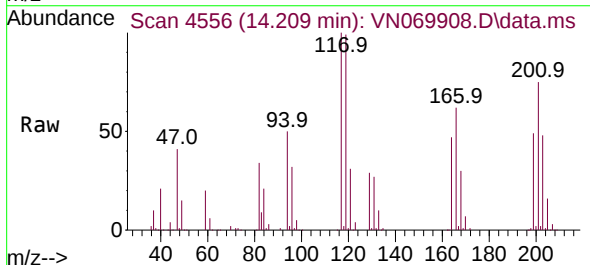
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 23.066 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

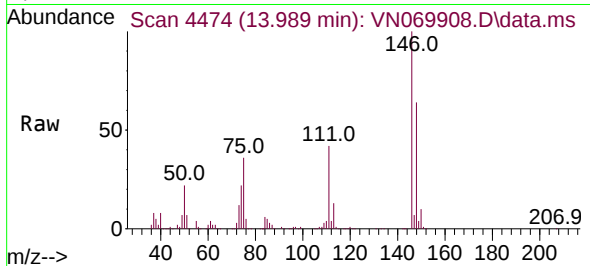
Tgt Ion:117 Resp: 164392
Ion Ratio Lower Upper
117 100
201 74.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.113 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

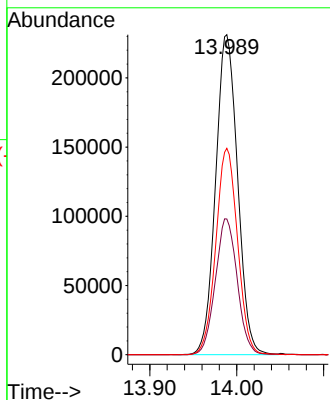
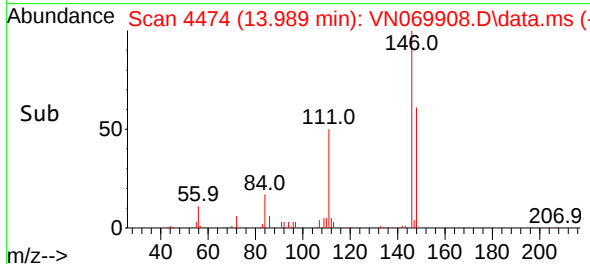
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



Tgt Ion:146 Resp: 406254
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.3
148 63.8 32.1 96.3

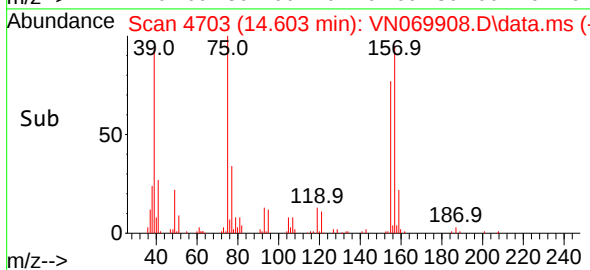
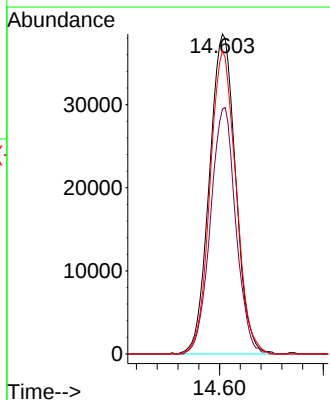
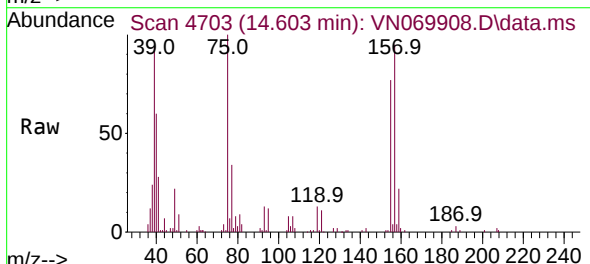
Manual Integrations
APPROVED

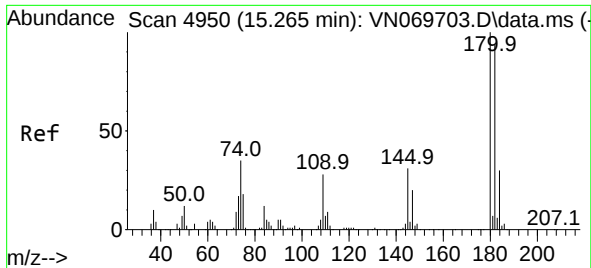
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.135 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

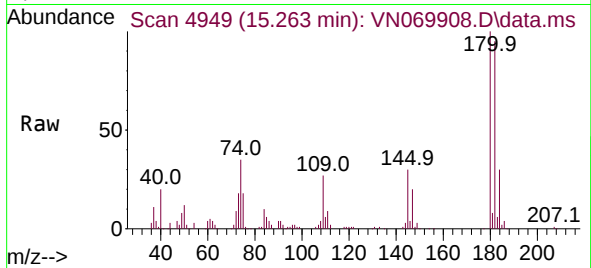
Tgt Ion: 75 Resp: 67589
Ion Ratio Lower Upper
75 100
155 74.3 46.9 140.7
157 93.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.224 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48

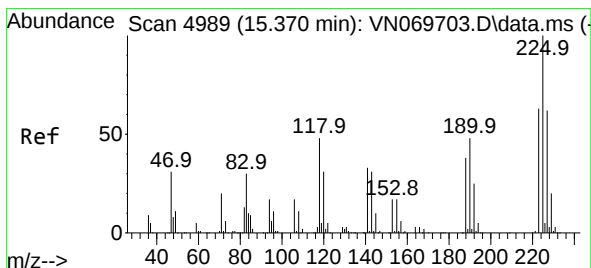
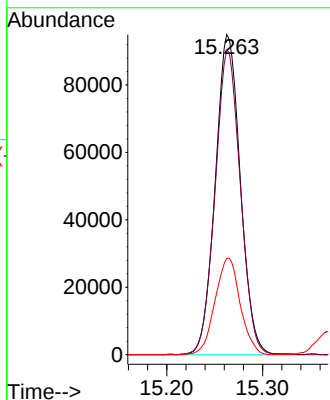
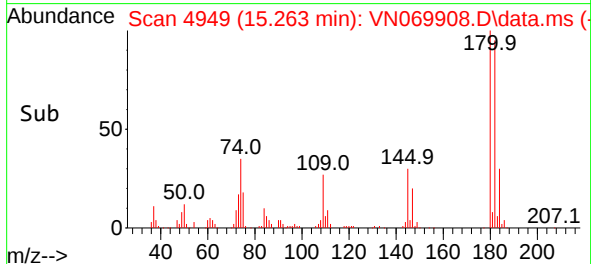
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01



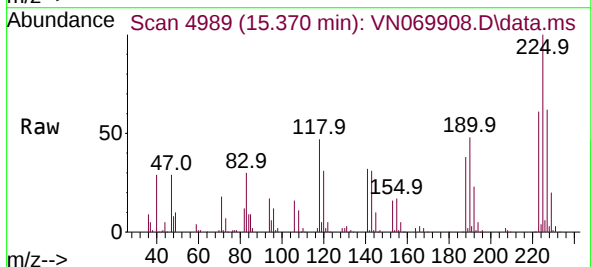
Tgt Ion:180 Resp: 17182
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.9
145 30.4 14.5 43.5

Manual Integrations
APPROVED

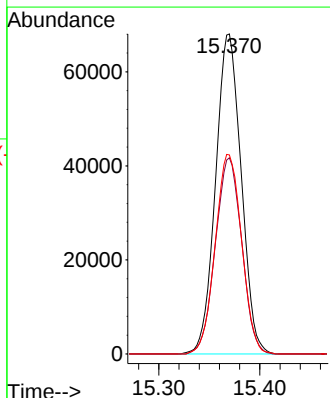
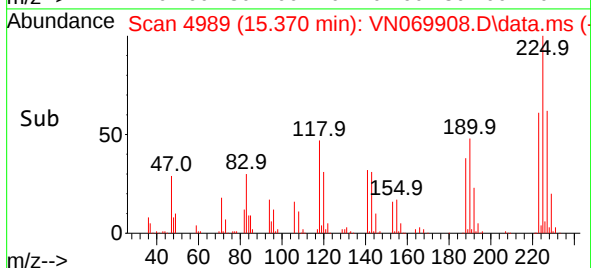
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

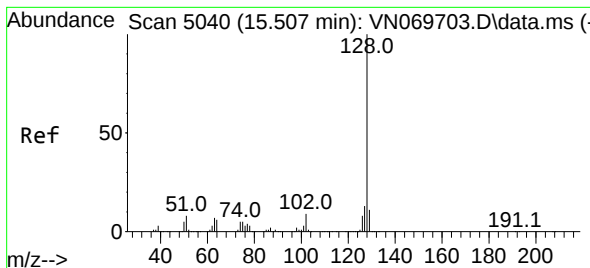


#94
Hexachlorobutadiene
Concen: 22.367 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069908.D
Acq: 9 Dec 2021 13:48



Tgt Ion:225 Resp: 119731
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 64.4 32.1 96.3





#95

Naphthalene

Concen: 17.236 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tgt Ion:128 Resp: 424872

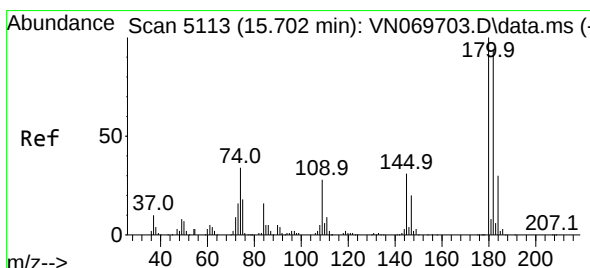
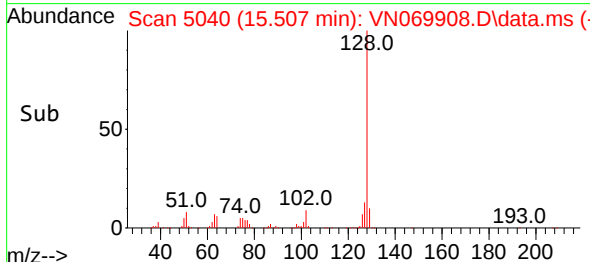
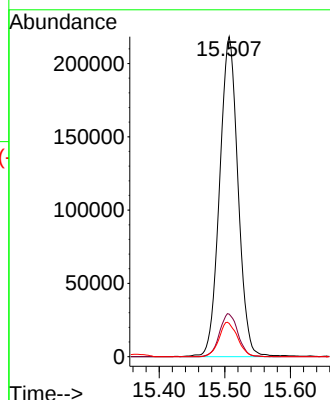
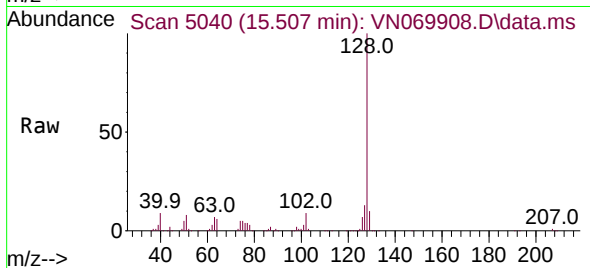
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#96

1,2,3-Trichlorobenzene

Concen: 18.881 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN069908.D

Acq: 9 Dec 2021 13:48

Tgt Ion:180 Resp: 166908

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.2
145	32.4	15.0	45.1

