

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069960.D
 Acq On : 10 Dec 2021 15:59
 Operator : JC/MD
 Sample : VN1210WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 11 05:19:49 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	946930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1505144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1380363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	576495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	707491	48.390	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.780%		
35) Dibromofluoromethane	8.021	113	492383	52.226	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.460%		
50) Toluene-d8	10.440	98	1856084	49.030	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.060%		
62) 4-Bromofluorobenzene	12.731	95	649385	47.350	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	204782	18.542	ug/l	98
3) Chloromethane	2.303	50	244722	17.686	ug/l	99
4) Vinyl Chloride	2.448	62	226908	17.835	ug/l	99
5) Bromomethane	2.858	94	130553	18.888	ug/l	98
6) Chloroethane	3.022	64	136590	17.520	ug/l	94
7) Trichlorofluoromethane	3.376	101	313018	18.746	ug/l	100
8) Diethyl Ether	3.824	74	123017	19.128	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.207	101	186606	19.936	ug/l	95
10) Methyl Iodide	4.419	142	222291	17.384	ug/l	98
11) Tert butyl alcohol	5.379	59	231370	83.719	ug/l	100
12) 1,1-Dichloroethene	4.181	96	164412	18.228	ug/l	86
13) Acrolein	4.041	56	212782	90.411	ug/l	99
14) Allyl chloride	4.840	41	399317	19.647	ug/l	93
15) Acrylonitrile	5.554	53	675045	90.646	ug/l	99
16) Acetone	4.288	43	800905	91.064	ug/l	97
17) Carbon Disulfide	4.527	76	465661	19.983	ug/l	98
18) Methyl Acetate	4.856	43	484476	18.250	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	668291	19.055	ug/l	96
20) Methylene Chloride	5.095	84	214045	18.307	ug/l #	83
21) trans-1,2-Dichloroethene	5.597	96	181041	18.479	ug/l	88
22) Diisopropyl ether	6.498	45	798297	20.095	ug/l #	95
23) Vinyl Acetate	6.436	43	3248807	100.520	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	404108	19.637	ug/l	97
25) 2-Butanone	7.337	43	1038766	86.927	ug/l	92
26) 2,2-Dichloropropane	7.327	77	323005	20.187	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	220258	18.608	ug/l	84
28) Bromochloromethane	7.659	49	173980	16.258	ug/l #	77
29) Tetrahydrofuran	7.686	42	639970	88.196	ug/l	87
30) Chloroform	7.817	83	410113	19.733	ug/l	97
31) Cyclohexane	8.096	56	380430	18.697	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	343671	19.413	ug/l	94
36) 1,1-Dichloropropene	8.222	75	284184	19.833	ug/l	96
37) Ethyl Acetate	7.415	43	399035	18.711	ug/l #	95
38) Carbon Tetrachloride	8.206	117	299055	21.284	ug/l	99
39) Methylcyclohexane	9.459	83	333382	19.561	ug/l	87
40) Benzene	8.458	78	865754	19.768	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	190675	19.046	ug/l	90
42) 1,2-Dichloroethane	8.531	62	357111	20.199	ug/l	96
43) Isopropyl Acetate	8.563	43	630015	19.963	ug/l #	92
44) Trichloroethene	9.215	130	201503	19.276	ug/l	92
45) 1,2-Dichloropropane	9.491	63	241467	20.531	ug/l	97
46) Dibromomethane	9.579	93	157000	20.355	ug/l	93
47) Bromodichloromethane	9.762	83	327236	22.407	ug/l	98
48) Methyl methacrylate	9.561	41	283705	19.263	ug/l	86
49) 1,4-Dioxane	9.569	88	95572	361.653	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	1995852	97.485	ug/l	94
52) Toluene	10.505	92	520979	19.484	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	331212	20.594	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	357575	20.618	ug/l #	86
55) 1,1,2-Trichloroethane	10.896	97	217577	20.168	ug/l	99
56) Ethyl methacrylate	10.762	69	349997	18.689	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	378729	19.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	416390	88.564	ug/l	90
59) 2-Hexanone	11.084	43	1432263	92.479	ug/l	92
60) Dibromochloromethane	11.237	129	234873	21.729	ug/l	100
61) 1,2-Dibromoethane	11.347	107	215992	19.329	ug/l	99
64) Tetrachloroethene	10.979	164	174377	18.630	ug/l	96
65) Chlorobenzene	11.771	112	550759	19.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	216186	21.934	ug/l	98
67) Ethyl Benzene	11.843	91	1013762	19.929	ug/l	95
68) m/p-Xylenes	11.953	106	746277	40.293	ug/l	93
69) o-Xylene	12.280	106	366456	19.643	ug/l	92
70) Styrene	12.296	104	597111	20.184	ug/l	95
71) Bromoform	12.460	173	177303	22.614	ug/l #	100
73) Isopropylbenzene	12.581	105	965807	18.830	ug/l	98
74) N-amyl acetate	12.390	43	427807	18.860	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	342197	19.293	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	277123m	16.762	ug/l	
77) Bromobenzene	12.862	156	224377	18.624	ug/l	78
78) n-propylbenzene	12.921	91	1103605	19.336	ug/l	95
79) 2-Chlorotoluene	13.007	91	684392	18.977	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	783632	18.982	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	97206	21.741	ug/l	95
82) 4-Chlorotoluene	13.106	91	647942	19.104	ug/l	92
83) tert-Butylbenzene	13.323	119	666279	18.226	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	771060	19.611	ug/l	98
85) sec-Butylbenzene	13.503	105	951331	19.186	ug/l	98
86) p-Isopropyltoluene	13.616	119	745029	19.223	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	384574	19.430	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	374977	19.278	ug/l	96
89) n-Butylbenzene	13.943	91	606818	19.301	ug/l	97
90) Hexachloroethane	14.211	117	156542	23.005	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	368061	19.086	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	64745	20.201	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	169296	19.747	ug/l	99
94) Hexachlorobutadiene	15.370	225	108775	21.283	ug/l	99
95) Naphthalene	15.509	128	426067	17.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	161897	19.143	ug/l	97

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ClientSampleId :
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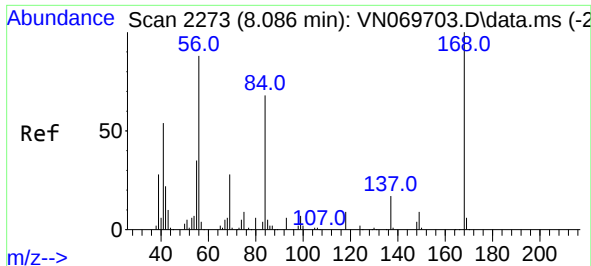
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



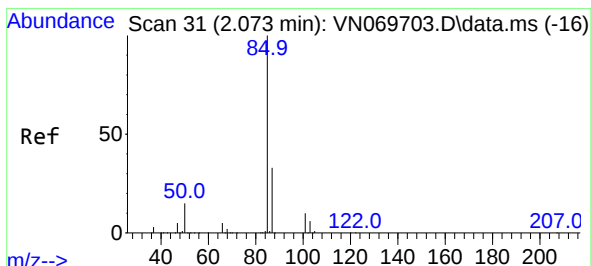
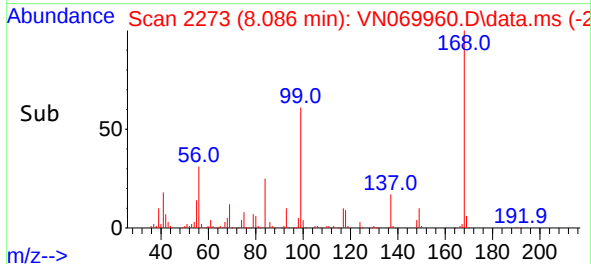
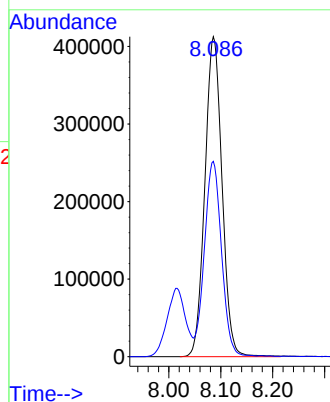
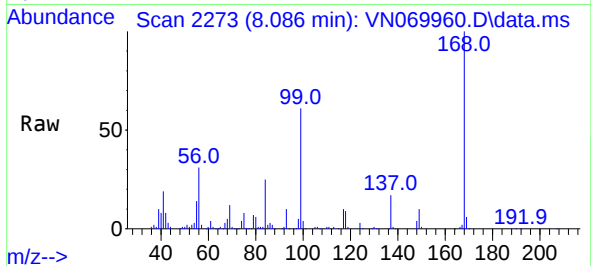
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069960.D
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Instrument :
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VN1210WBSD01

Tgt Ion:168 Resp: 946930
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

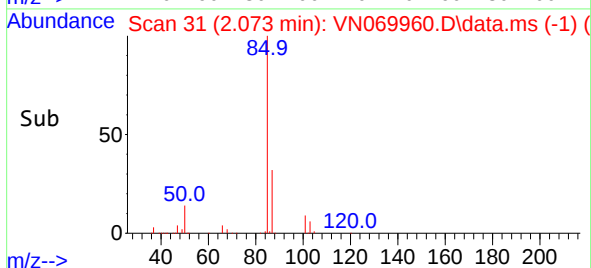
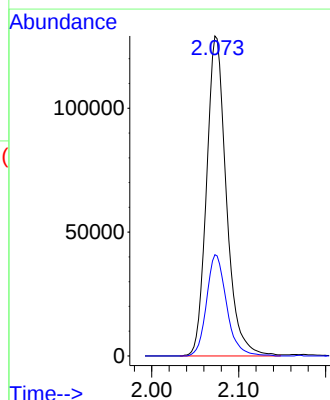
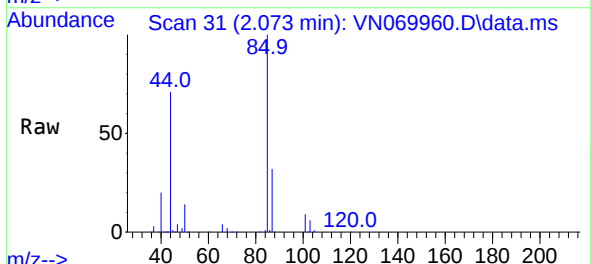
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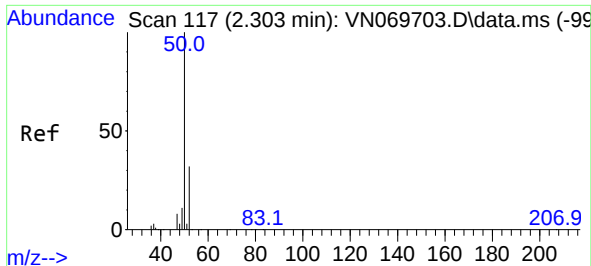
Reviewed By :John Carlone 12/11/2021
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#2
Dichlorodifluoromethane
Concen: 18.542 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

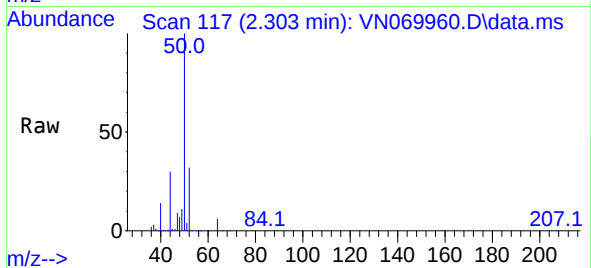
Tgt Ion: 85 Resp: 204782
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 17.686 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

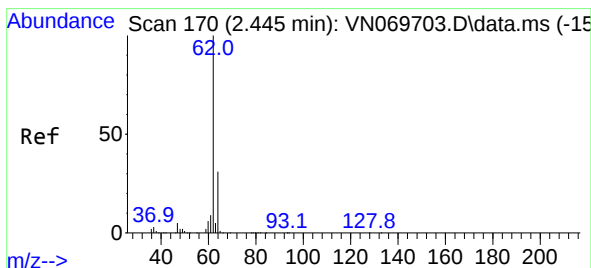
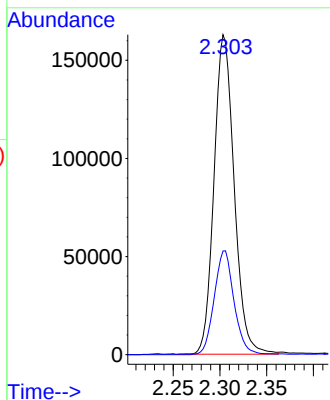
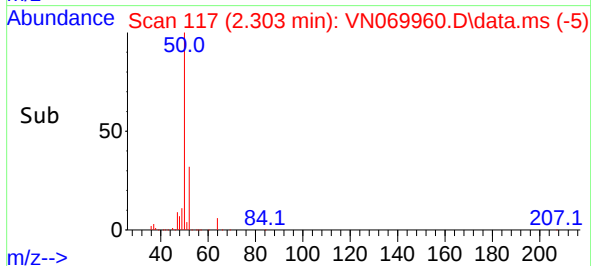
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VN1210WBSD01



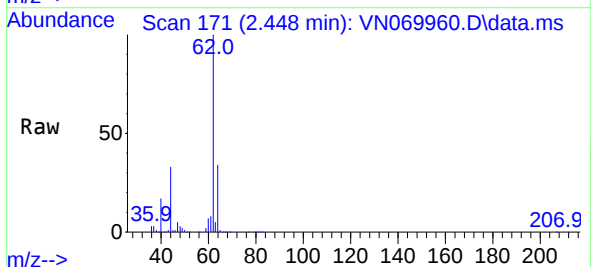
Tgt Ion: 50 Resp: 24472
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

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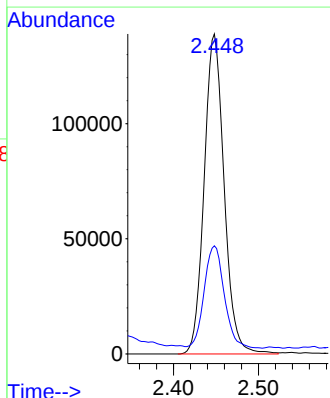
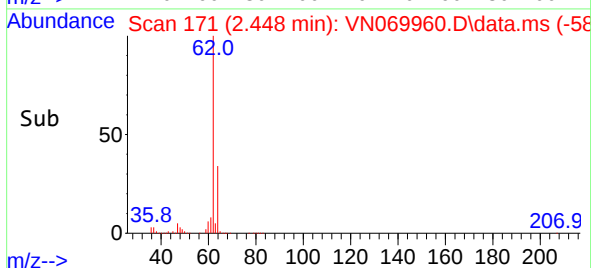
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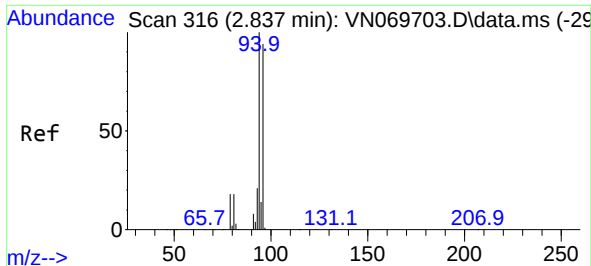


#4
Vinyl Chloride
Concen: 17.835 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



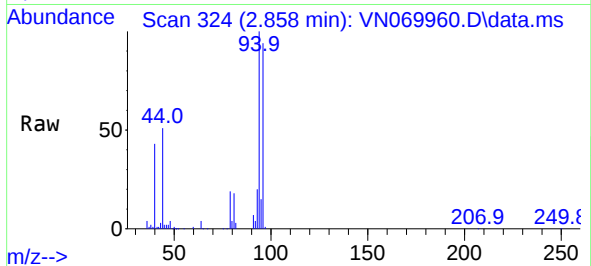
Tgt Ion: 62 Resp: 226908
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 18.888 ug/l
RT: 2.858 min Scan# 316
Delta R.T. 0.022 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

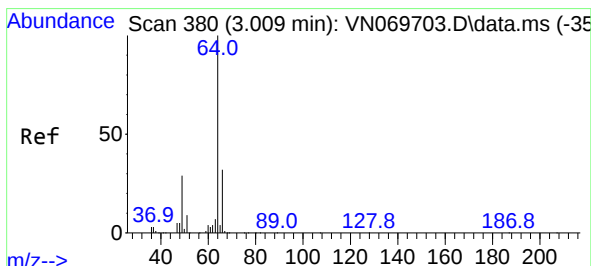
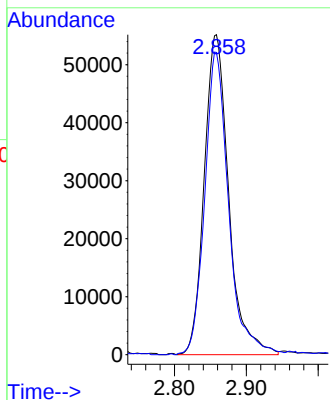
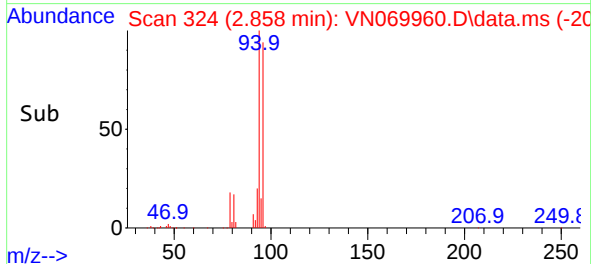
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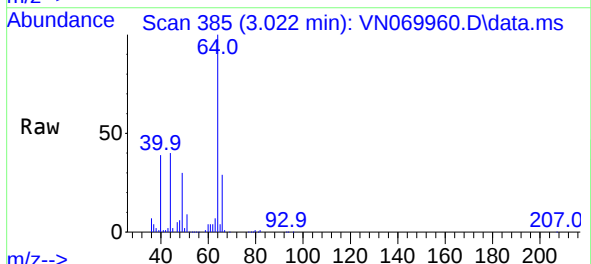
Tgt Ion: 94 Resp: 13055
Ion Ratio Lower Upper
94 100
96 94.1 73.8 110.8

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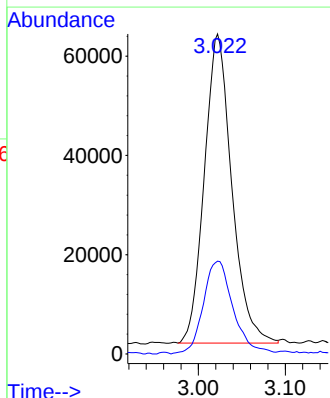
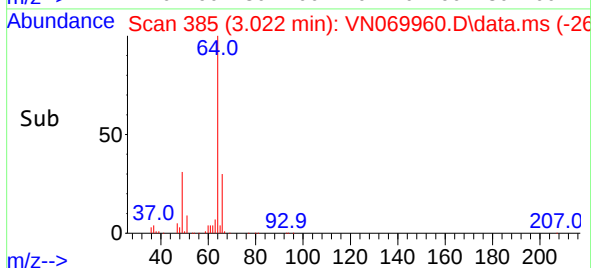
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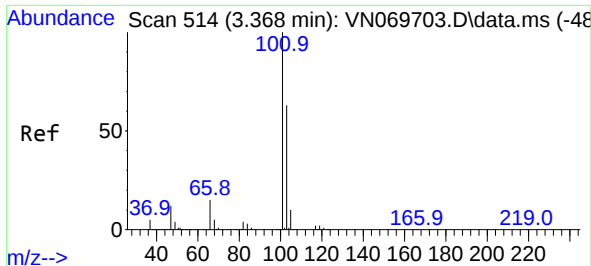


#6
Chloroethane
Concen: 17.520 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.013 min
Lab File: VN069960.D
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Tgt Ion: 64 Resp: 136590
Ion Ratio Lower Upper
64 100
66 29.5 26.3 39.5





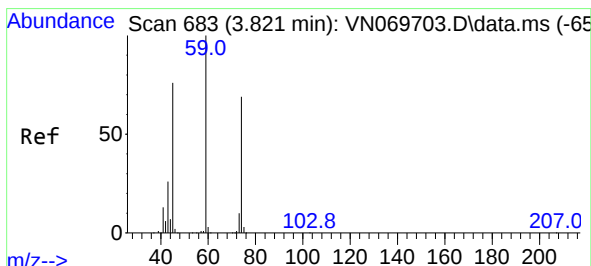
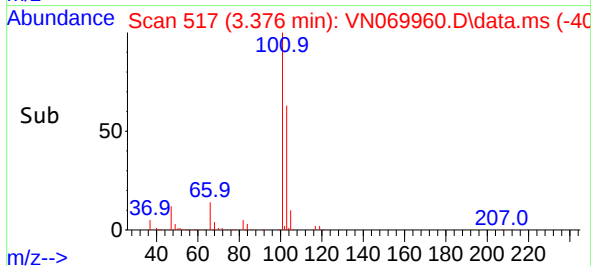
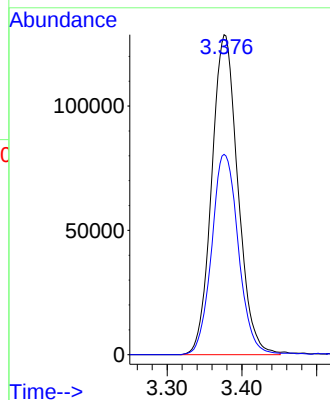
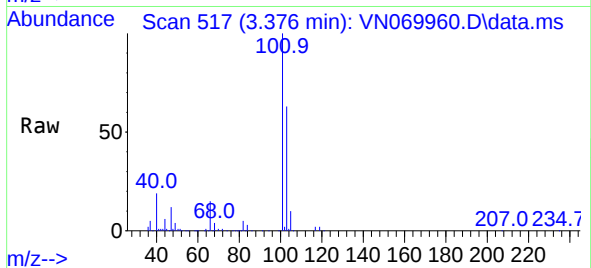
#7
Trichlorofluoromethane
Concen: 18.746 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
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Tgt Ion:101 Resp: 313018
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1

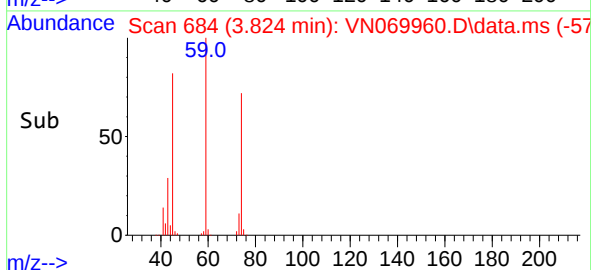
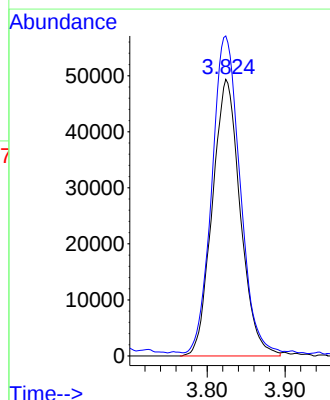
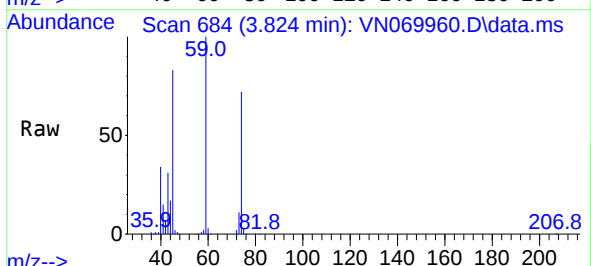
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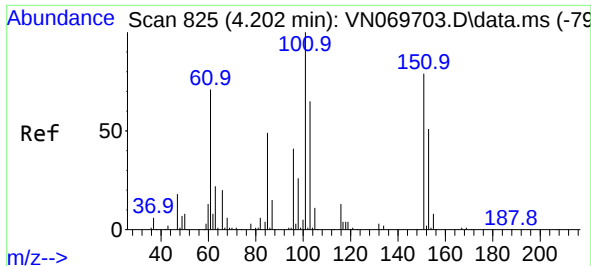
Reviewed By :John Carlone 12/11/2021
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#8
Diethyl Ether
Concen: 19.128 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069960.D
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Tgt Ion: 74 Resp: 123017
Ion Ratio Lower Upper
74 100
45 114.7 47.0 141.2





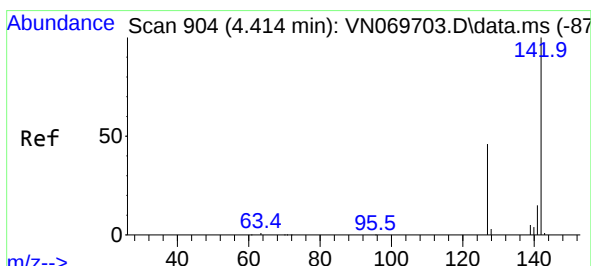
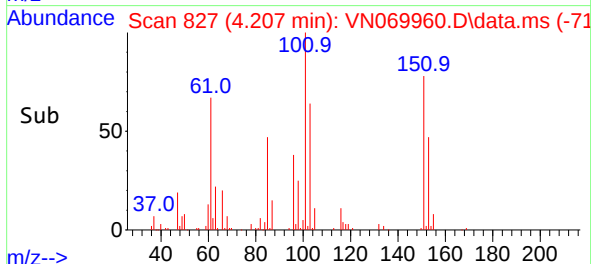
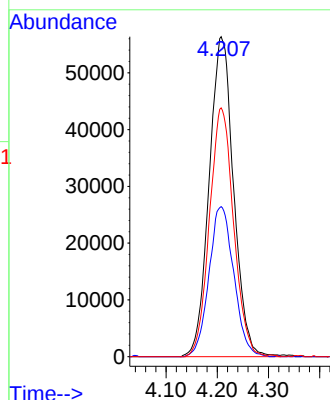
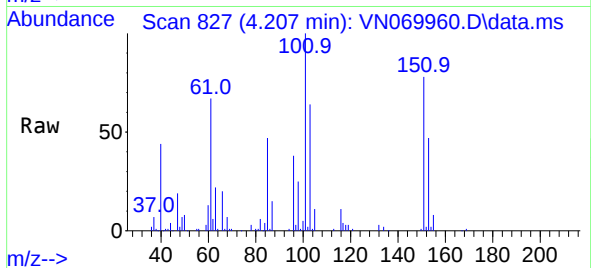
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.936 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion:101 Resp: 186600
Ion Ratio Lower Upper
101 100
85 47.7 37.2 55.8
151 76.9 65.9 98.9

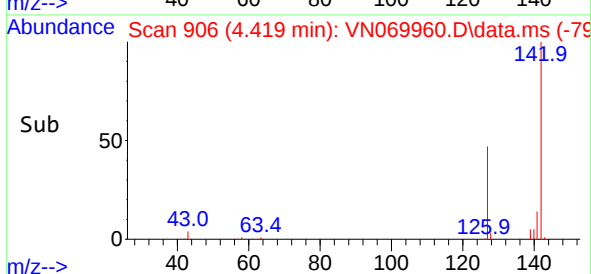
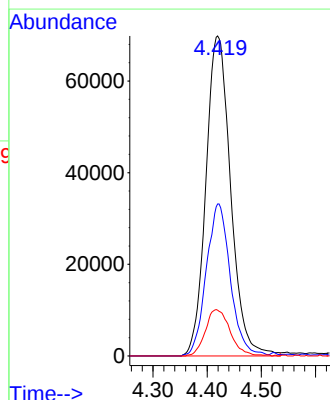
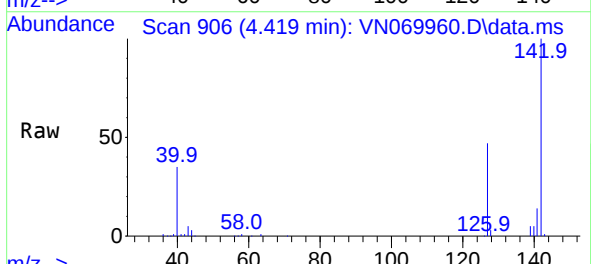
Manual Integrations
APPROVED

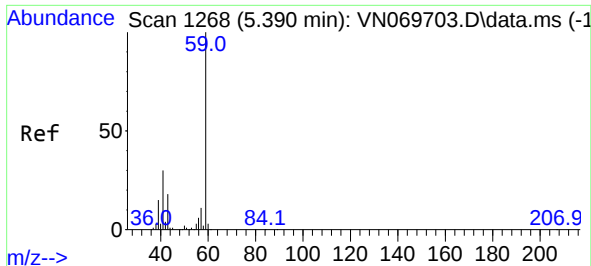
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 17.384 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

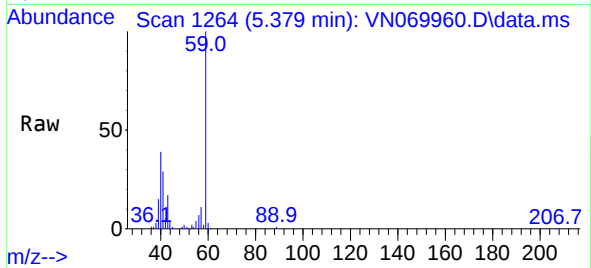
Tgt Ion:142 Resp: 222291
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 83.719 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

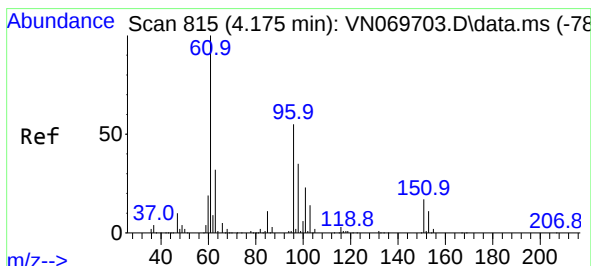
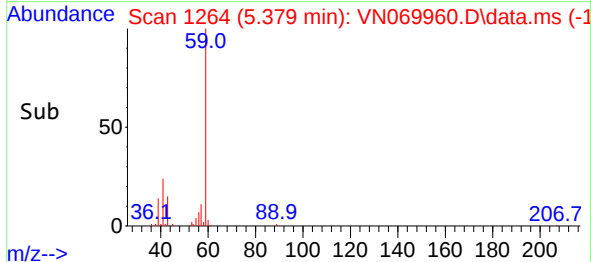
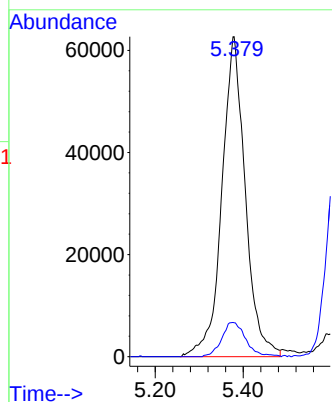
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 59 Resp: 231370
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

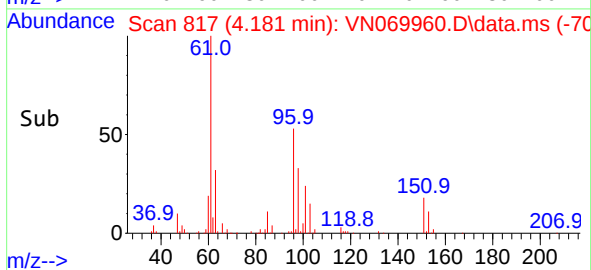
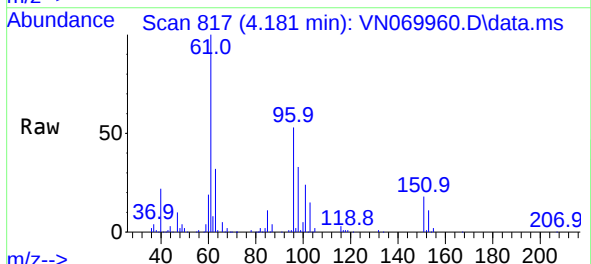
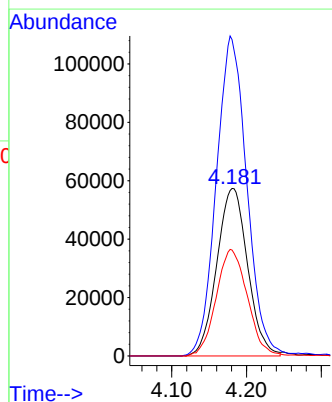
Manual Integrations
APPROVED

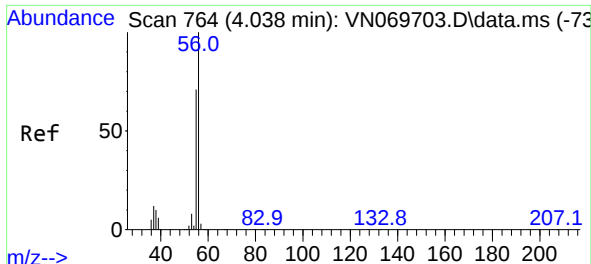
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 18.228 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

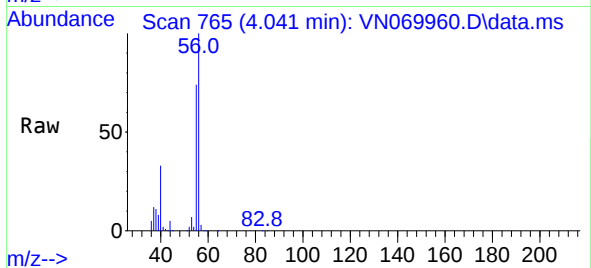
Tgt Ion: 96 Resp: 164412
Ion Ratio Lower Upper
96 100
61 188.9 131.0 196.6
98 63.2 52.4 78.6





#13
Acrolein
Concen: 90.411 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

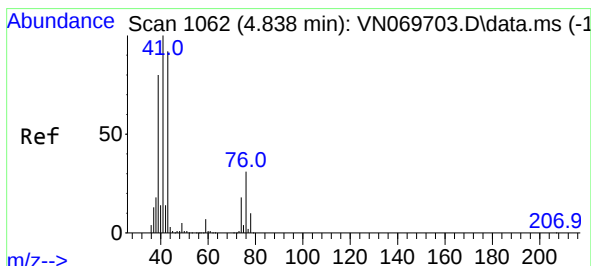
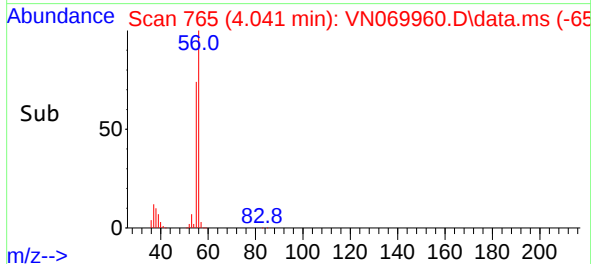
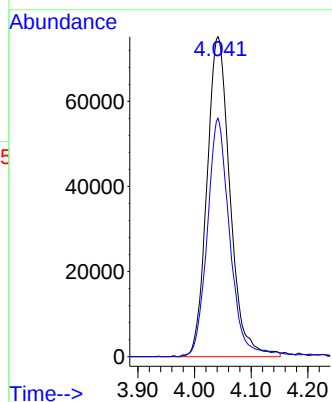
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 56 Resp: 21278
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

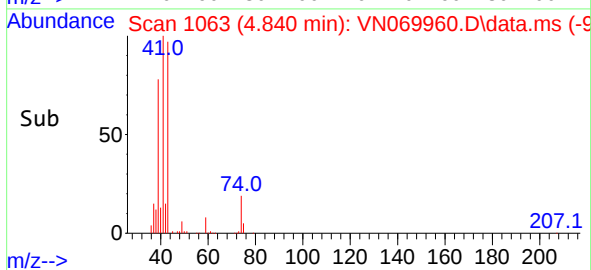
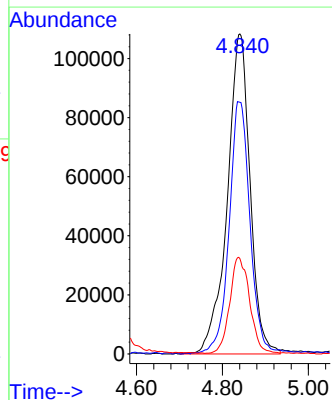
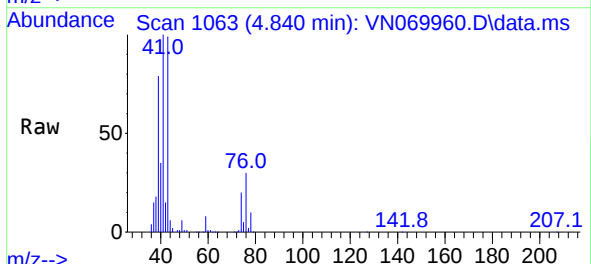
Manual Integrations
APPROVED

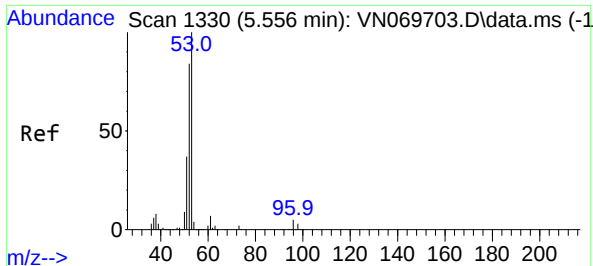
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#14
Allyl chloride
Concen: 19.647 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Tgt Ion: 41 Resp: 399317
Ion Ratio Lower Upper
41 100
39 71.9 61.2 91.8
76 26.1 26.0 39.0





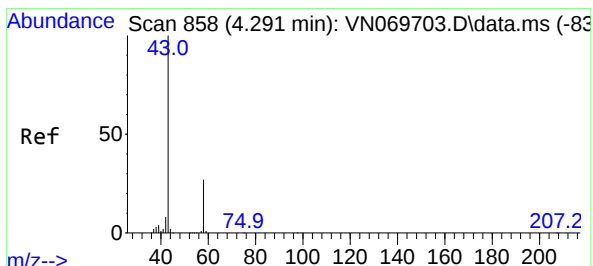
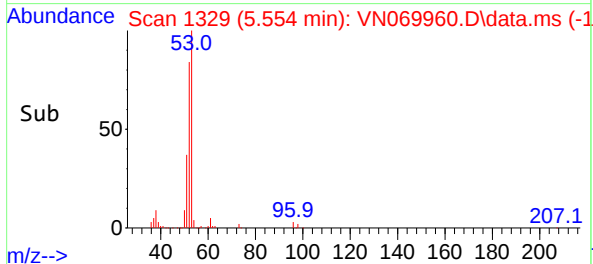
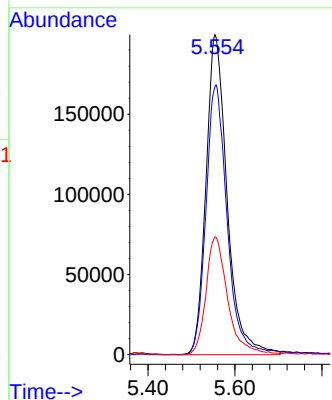
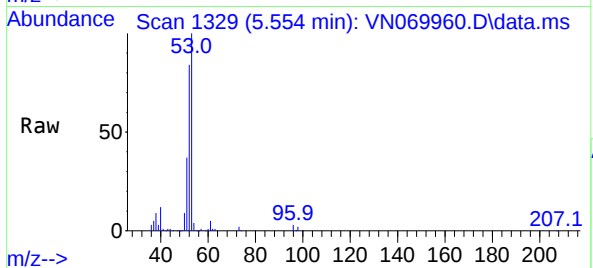
#15
Acrylonitrile
Concen: 90.646 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 53 Resp: 67504
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 37.5 29.6 44.4

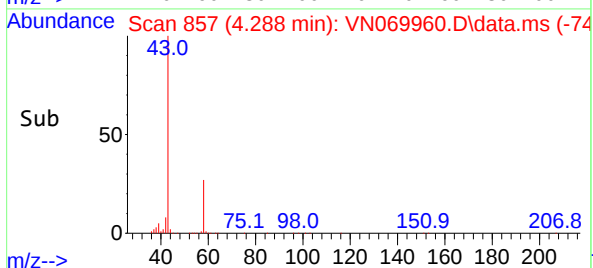
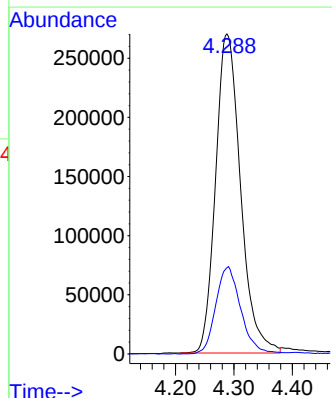
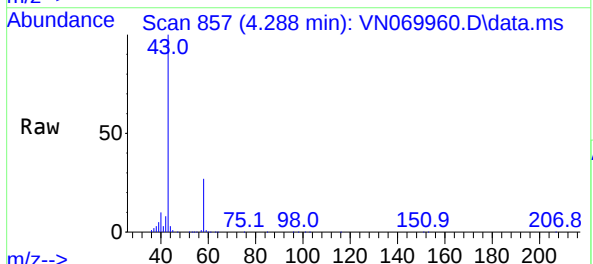
Manual Integrations
APPROVED

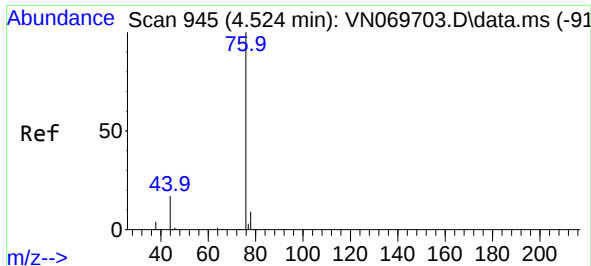
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 91.064 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

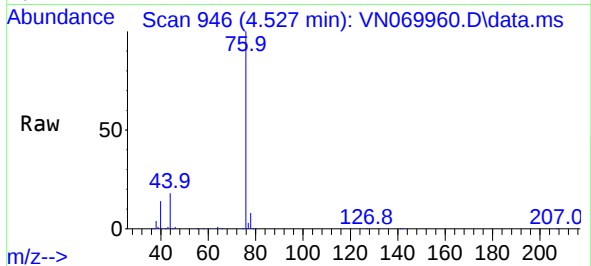
Tgt Ion: 43 Resp: 800905
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 19.983 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

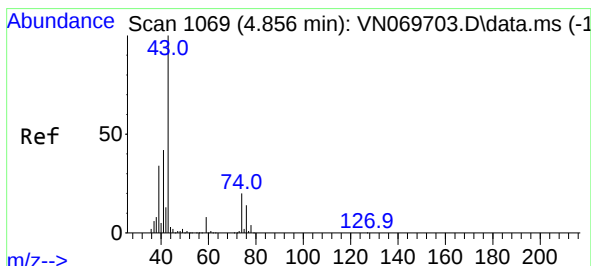
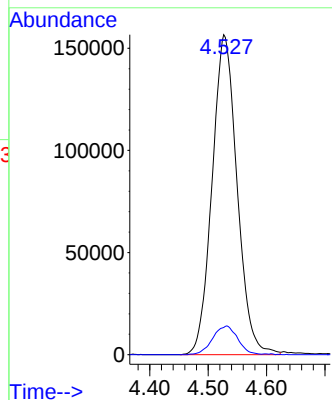
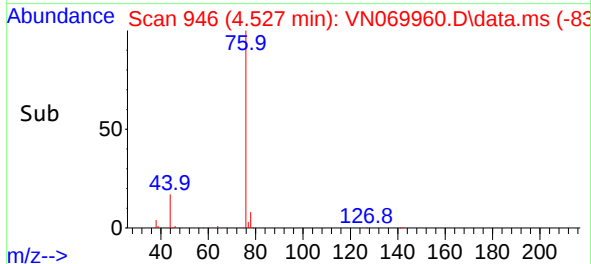
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



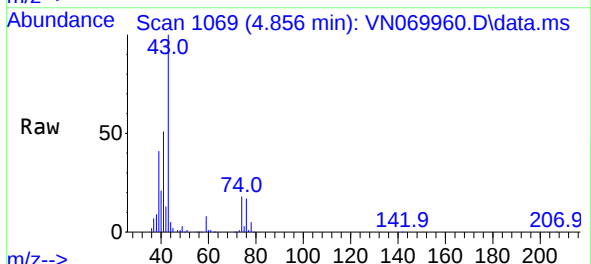
Tgt Ion: 76 Resp: 46566
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

Manual Integrations
APPROVED

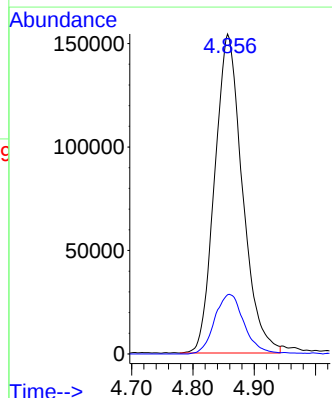
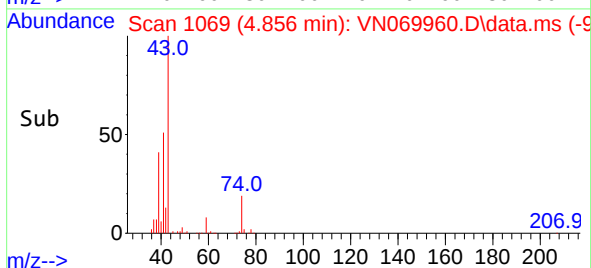
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

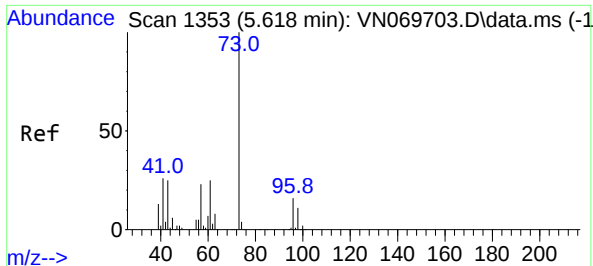


#18
Methyl Acetate
Concen: 18.250 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



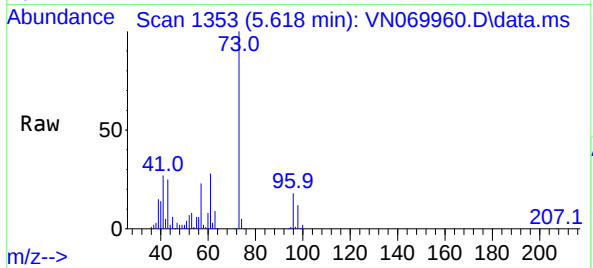
Tgt Ion: 43 Resp: 484476
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.055 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

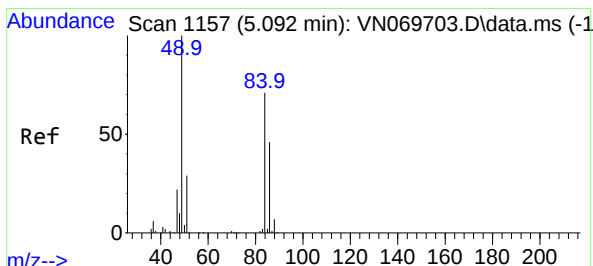
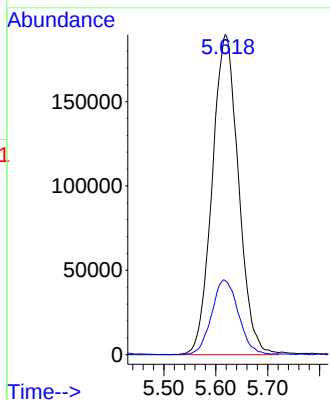
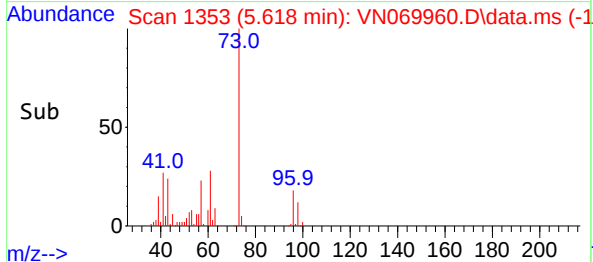
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 73 Resp: 66829
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

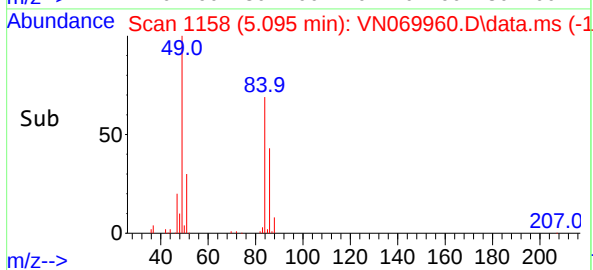
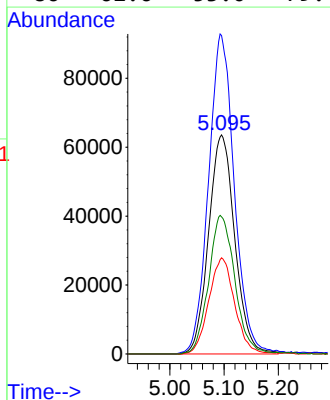
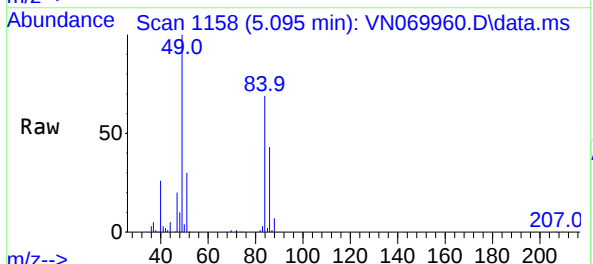
Manual Integrations
APPROVED

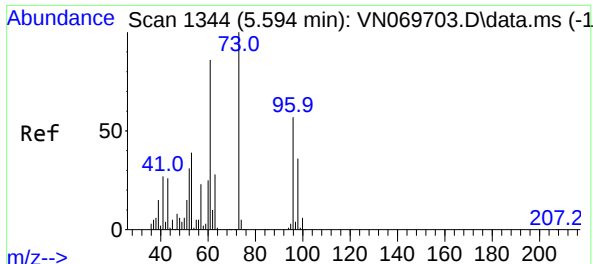
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 18.307 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

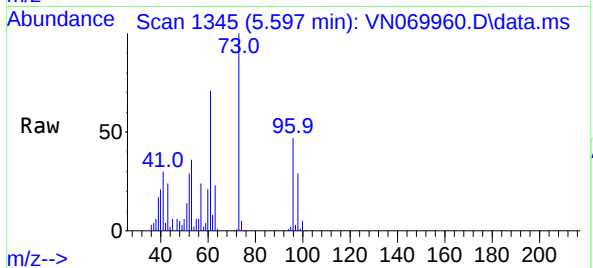
Tgt Ion: 84 Resp: 214045
Ion Ratio Lower Upper
84 100
49 145.1 93.5 140.3#
51 43.9 29.4 44.2
86 62.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.479 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

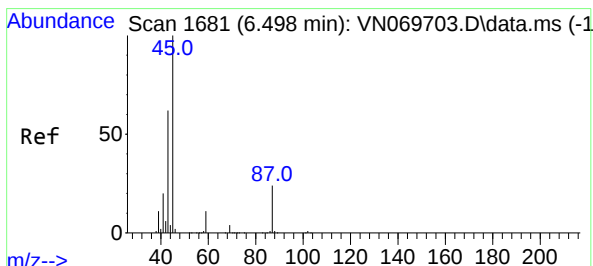
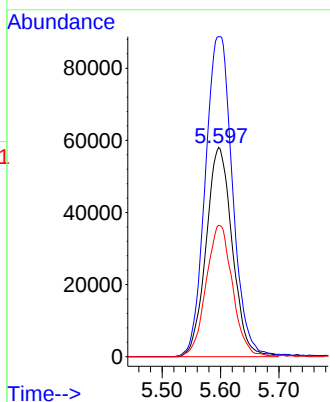
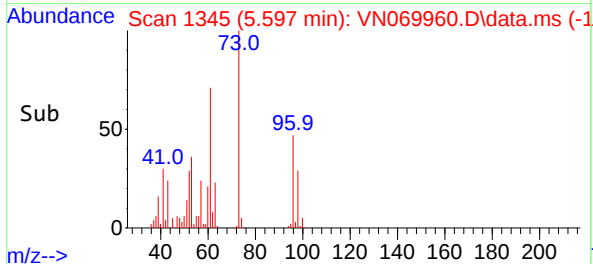
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 96 Resp: 18104
Ion Ratio Lower Upper
96 100
61 152.5 105.8 158.6
98 62.8 52.0 78.0

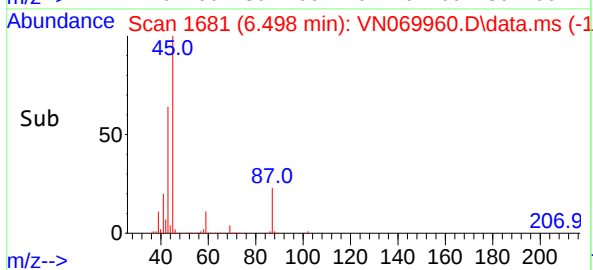
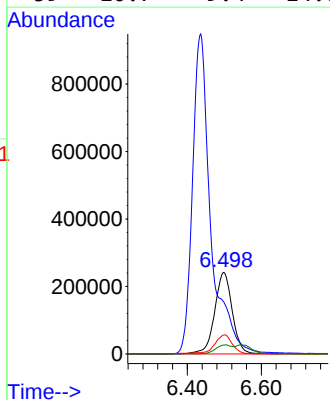
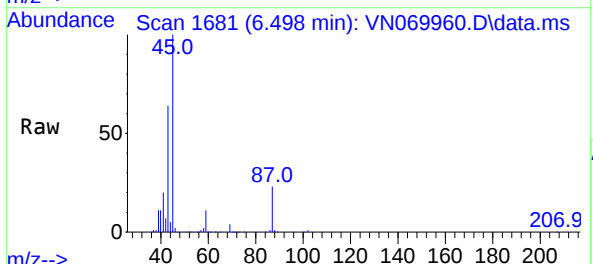
Manual Integrations
APPROVED

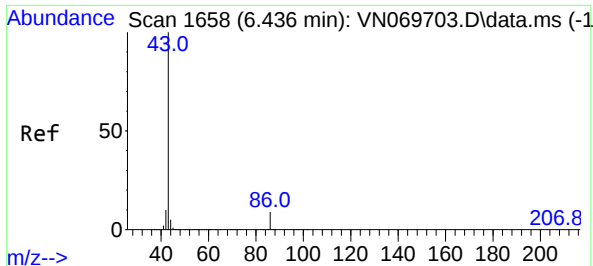
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 20.095 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

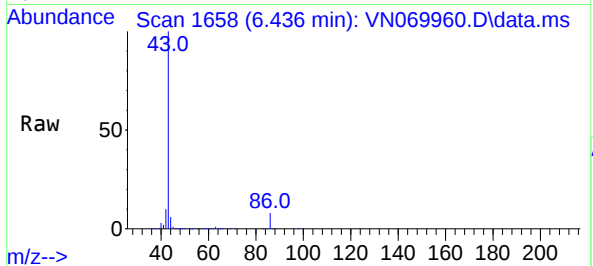
Tgt Ion: 45 Resp: 798297
Ion Ratio Lower Upper
45 100
43 62.4 51.7 77.5
87 23.1 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 100.520 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN069960.D
 Acq: 10 Dec 2021 15:59

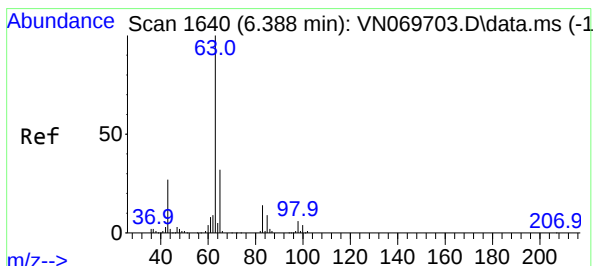
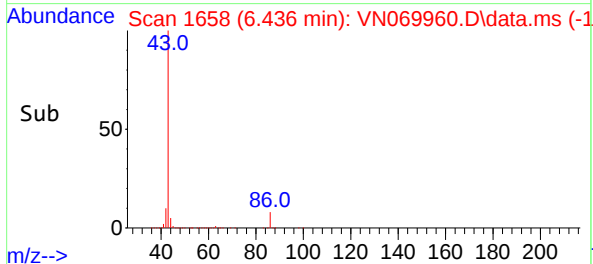
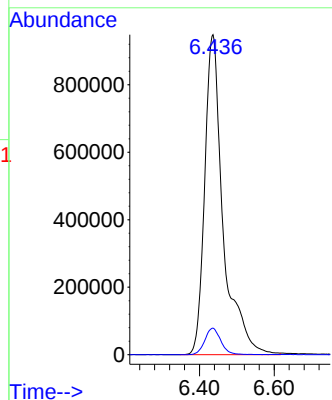
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01



Tgt Ion: 43 Resp: 324880
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

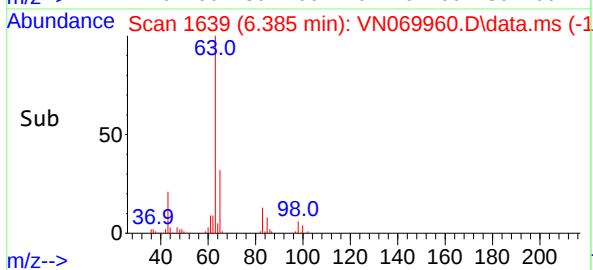
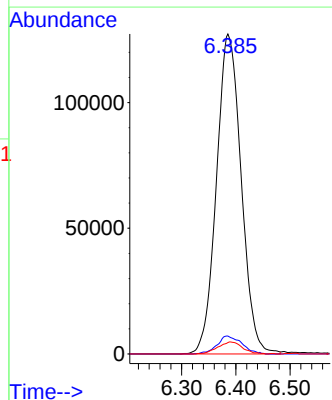
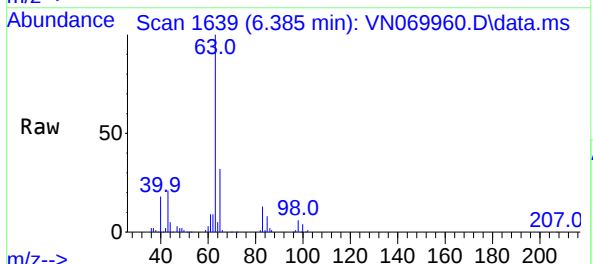
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 19.637 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069960.D
 Acq: 10 Dec 2021 15:59

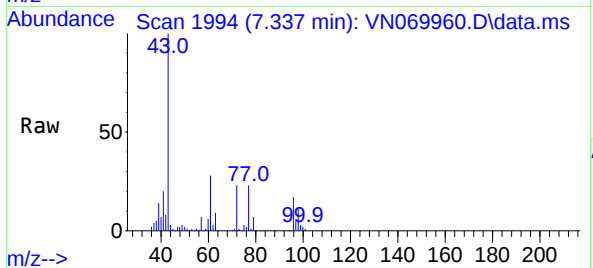
Tgt Ion: 63 Resp: 404108
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.5 2.1 6.5





#25
2-Butanone
Concen: 86.927 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

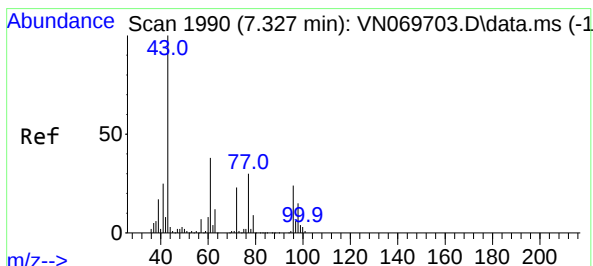
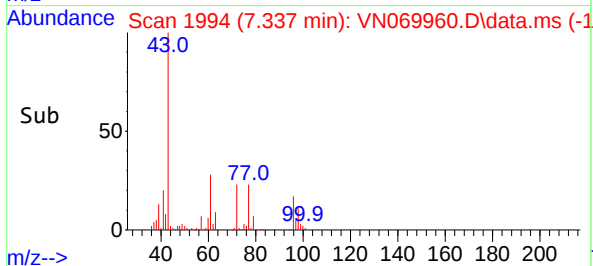
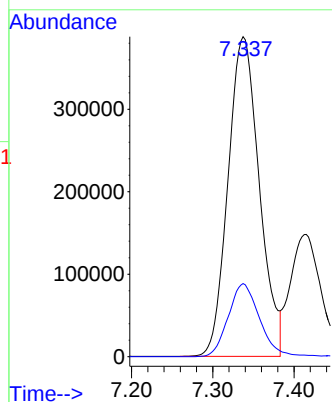
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 43 Resp: 103876
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5

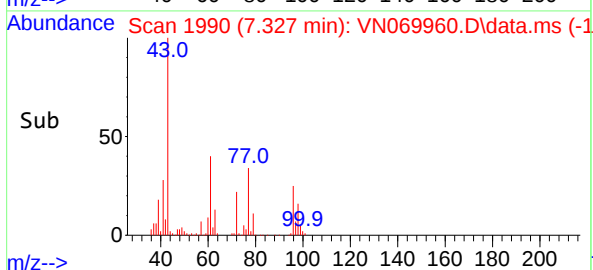
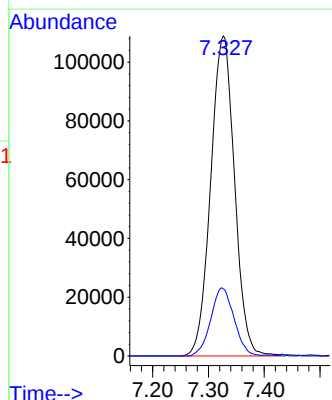
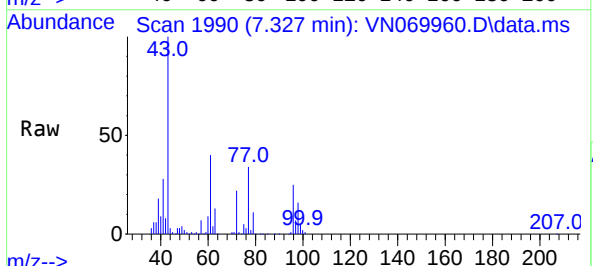
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#26
2,2-Dichloropropane
Concen: 20.187 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

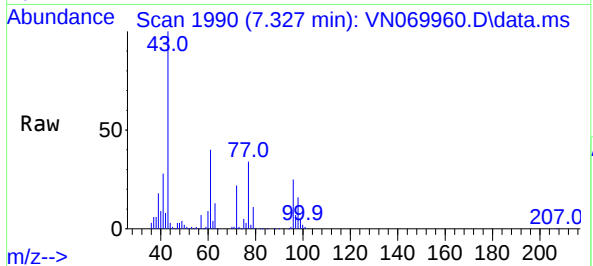
Tgt Ion: 77 Resp: 323005
Ion Ratio Lower Upper
77 100
97 20.8 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.608 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

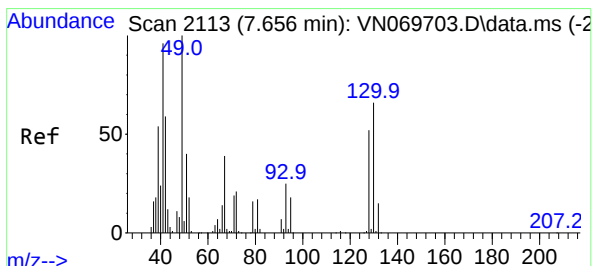
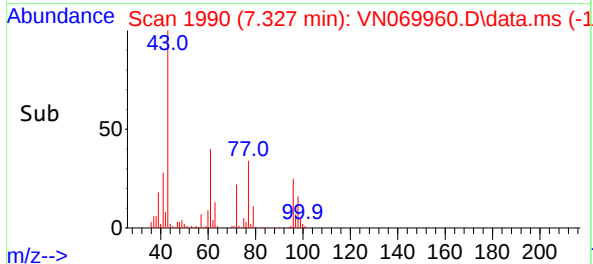
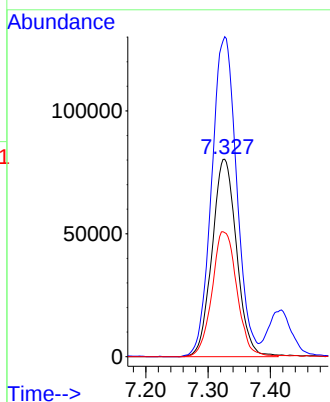
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 96 Resp: 220258
Ion Ratio Lower Upper
96 100
61 164.9 0.0 275.0
98 63.9 0.0 129.6

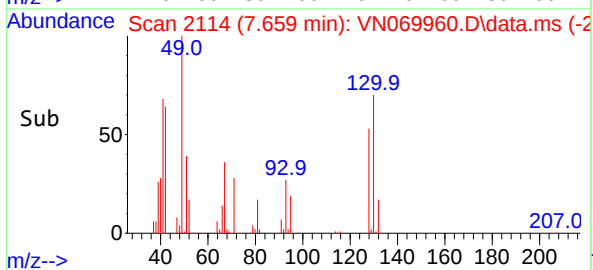
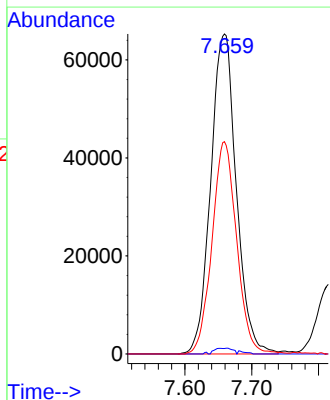
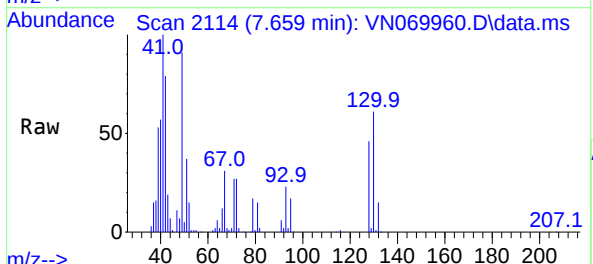
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#28
Bromochloromethane
Concen: 16.258 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Tgt Ion: 49 Resp: 173980
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 63.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 88.196 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069960.D

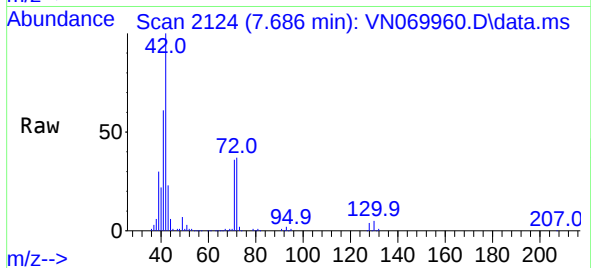
Acq: 10 Dec 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01



Tgt Ion: 42 Resp: 639970

Ion Ratio Lower Upper

42 100

72 36.5 36.3 54.5

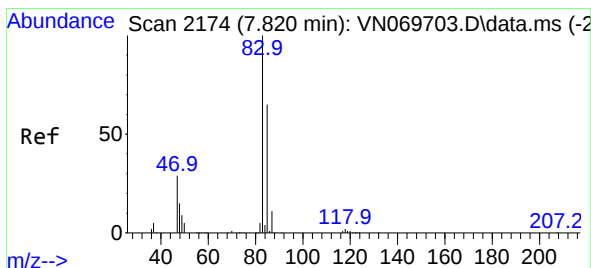
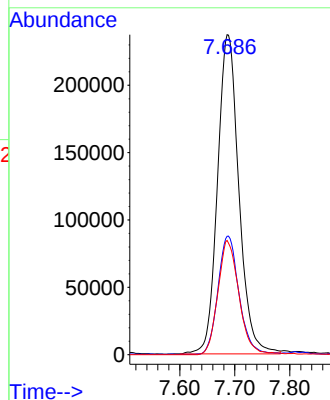
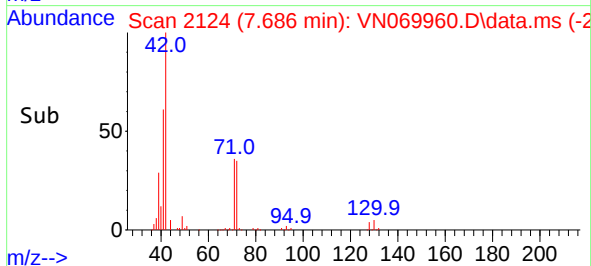
71 35.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 19.733 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069960.D

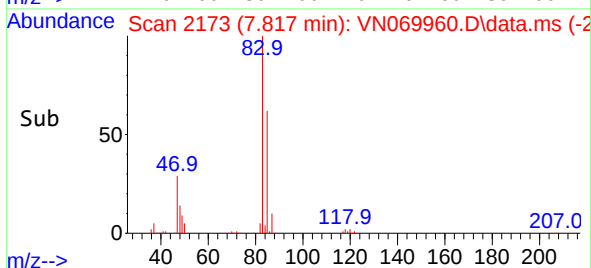
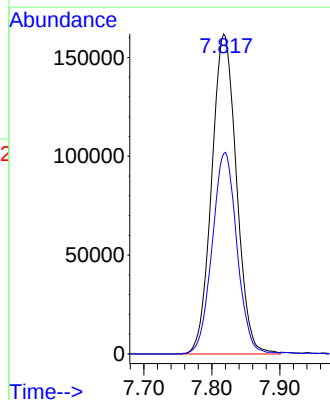
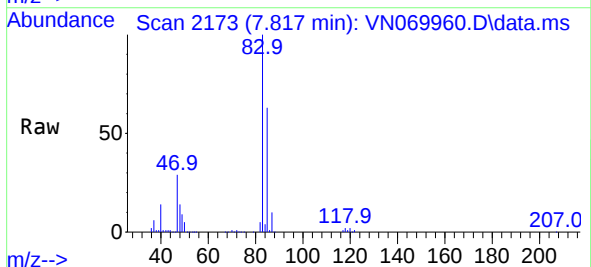
Acq: 10 Dec 2021 15:59

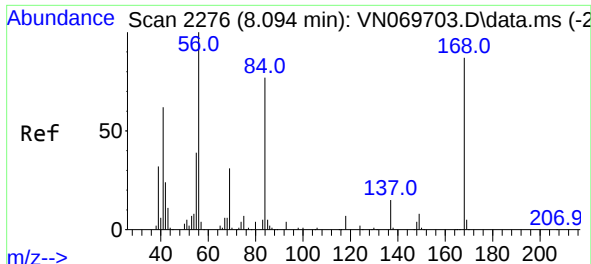
Tgt Ion: 83 Resp: 410113

Ion Ratio Lower Upper

83 100

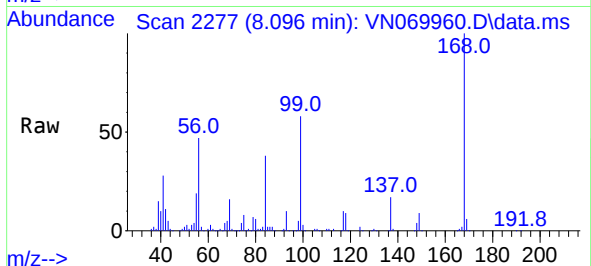
85 62.6 51.9 77.9





#31
Cyclohexane
Concen: 18.697 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

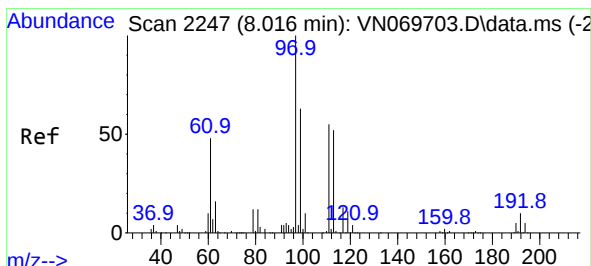
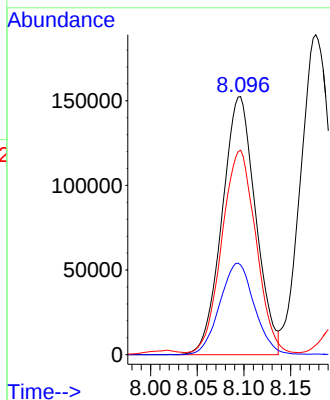
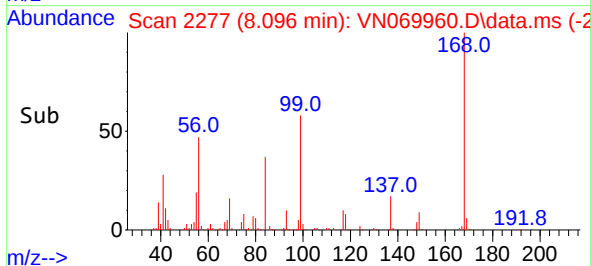
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



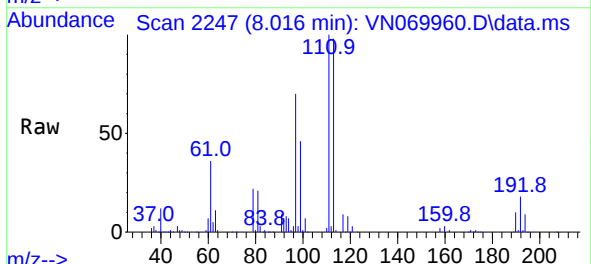
Tgt Ion: 56 Resp: 380430
Ion Ratio Lower Upper
56 100
69 34.8 27.1 40.7
84 78.2 73.4 110.0

Manual Integrations
APPROVED

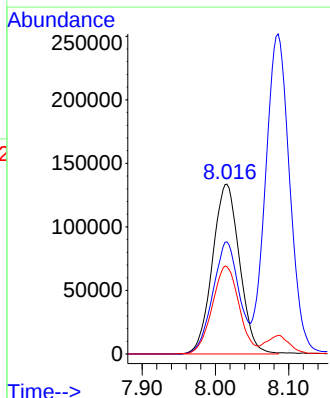
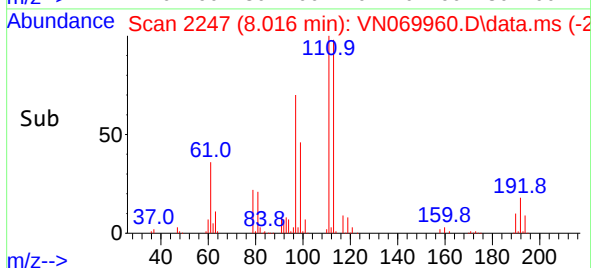
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

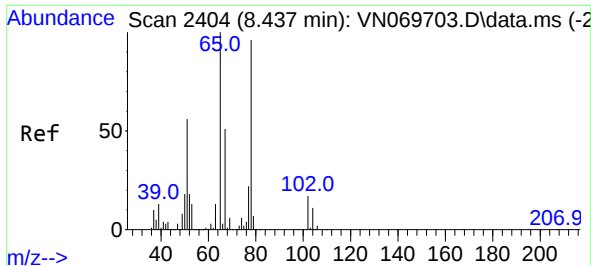


#32
1,1,1-Trichloroethane
Concen: 19.413 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



Tgt Ion: 97 Resp: 343671
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 51.5 35.2 52.8





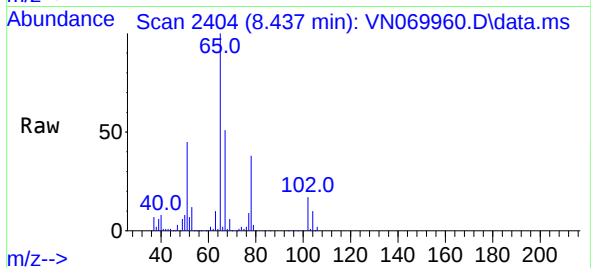
#33
1,2-Dichloroethane-d4
Concen: 48.390 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

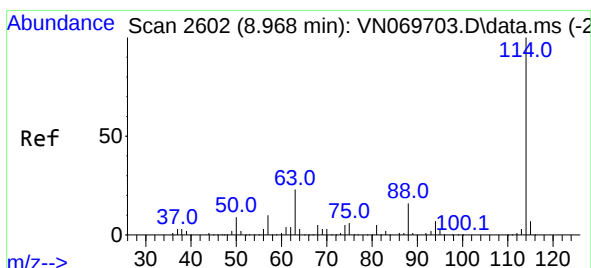
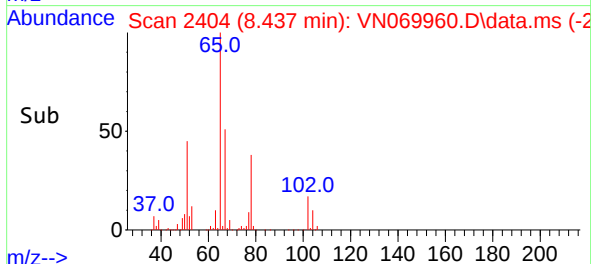
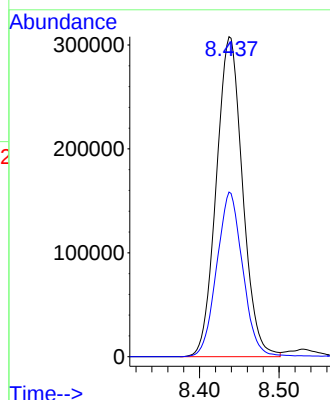


Tgt Ion: 65 Resp: 70749
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

Manual Integrations

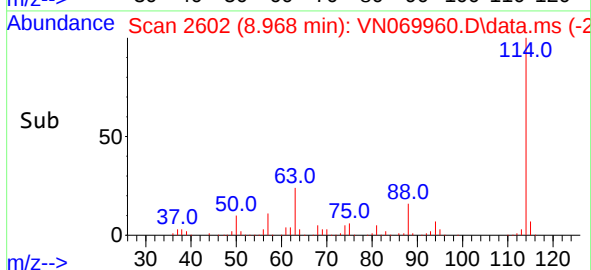
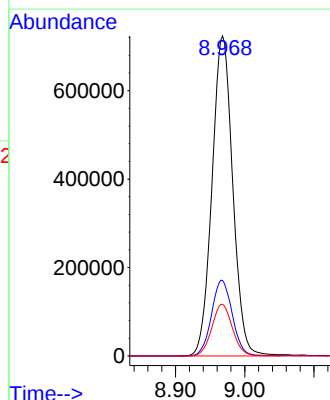
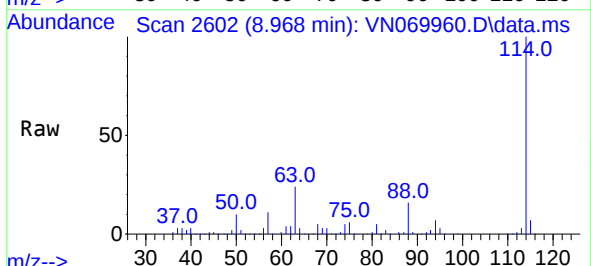
APPROVED

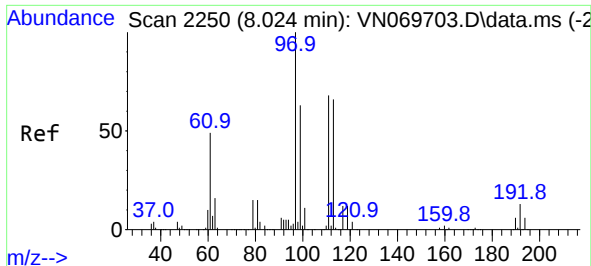
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

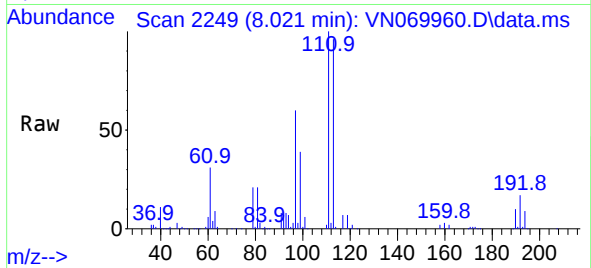
Tgt Ion:114 Resp: 1505144
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.226 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

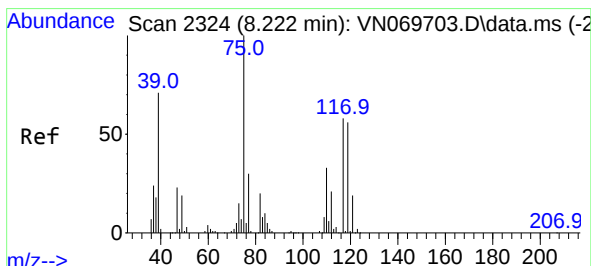
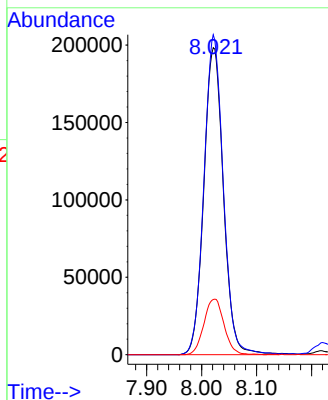
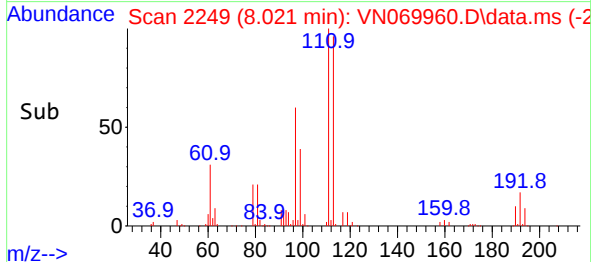
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



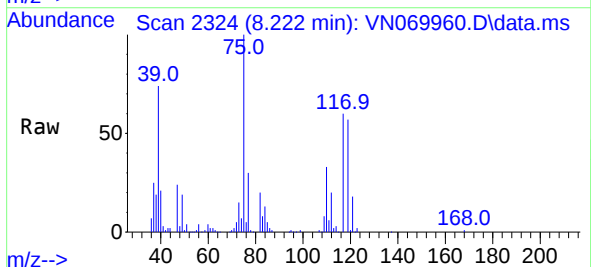
Tgt Ion:113 Resp: 49238
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
APPROVED

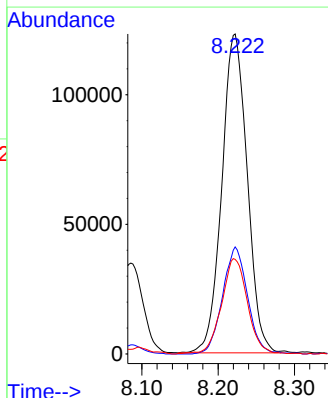
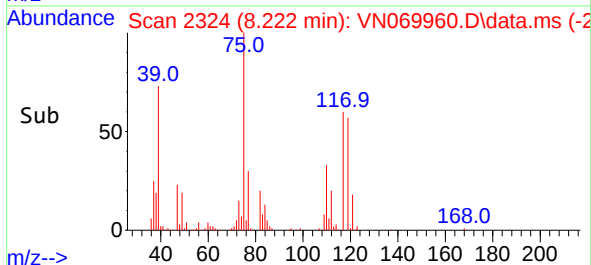
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

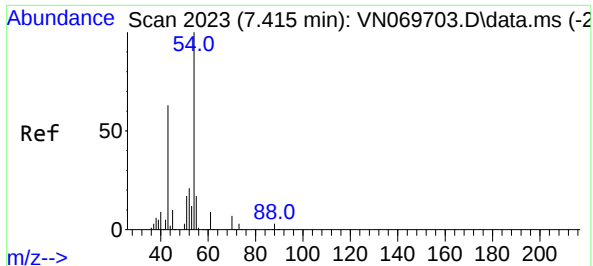


#36
1,1-Dichloropropene
Concen: 19.833 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



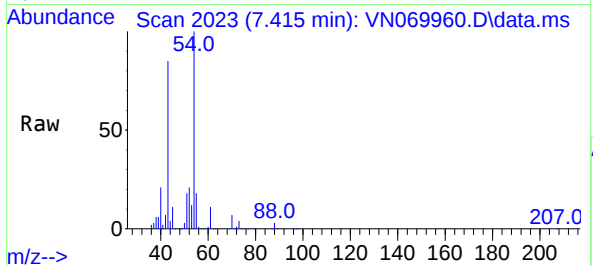
Tgt Ion: 75 Resp: 284184
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 18.711 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

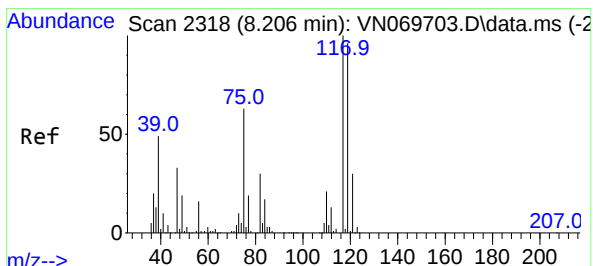
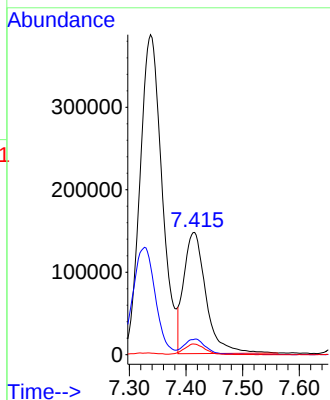
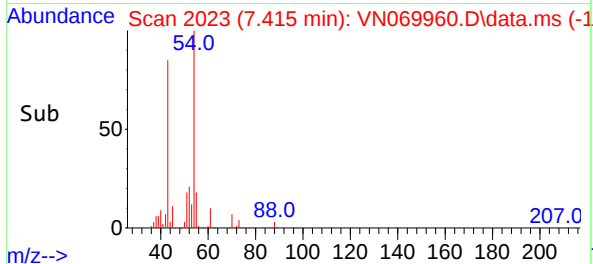
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 43 Resp: 399035
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 7.8 7.9 11.9

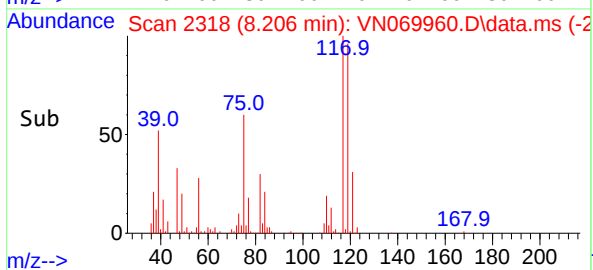
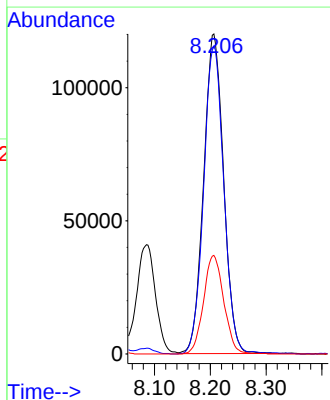
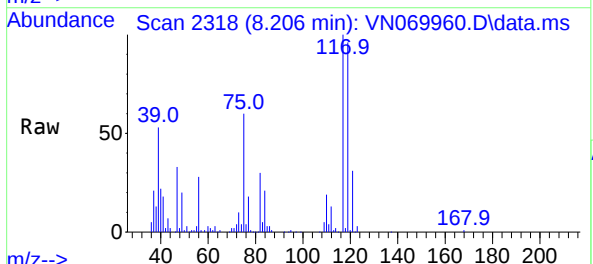
Manual Integrations
APPROVED

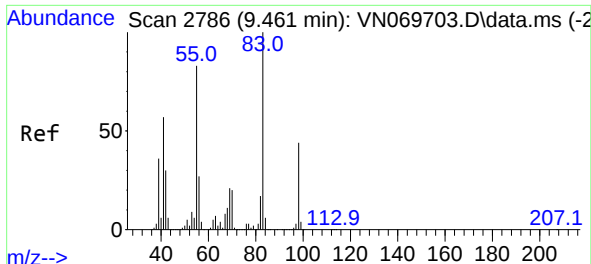
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 21.284 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

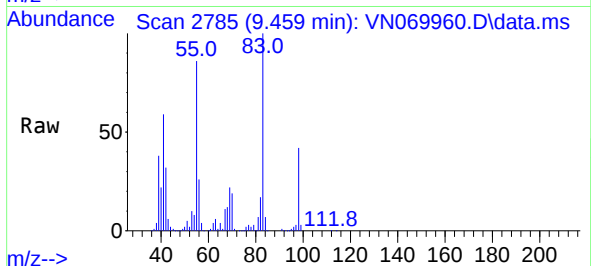
Tgt Ion:117 Resp: 299055
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1
121 30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 19.561 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

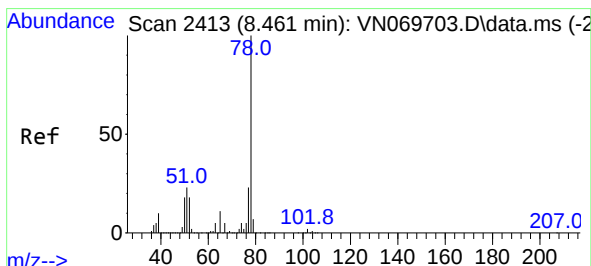
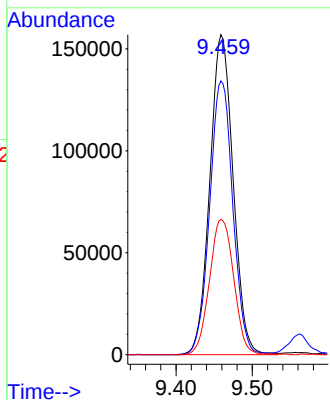
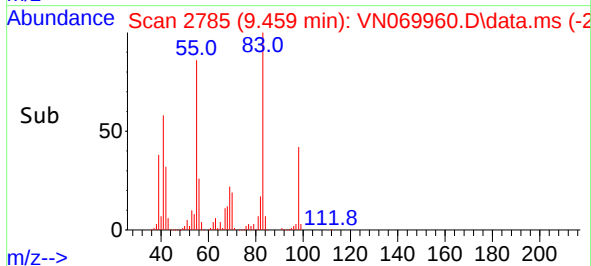
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 83 Resp: 33338
Ion Ratio Lower Upper
83 100
55 85.4 58.1 87.1
98 42.2 38.4 57.6

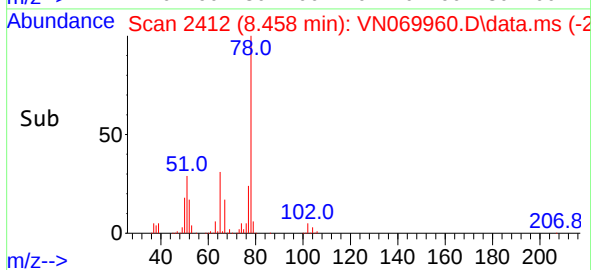
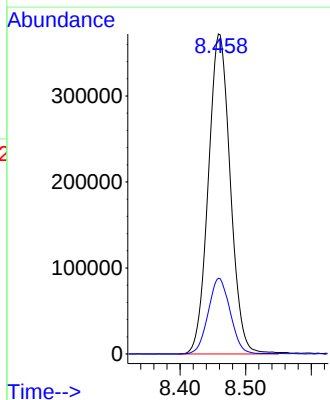
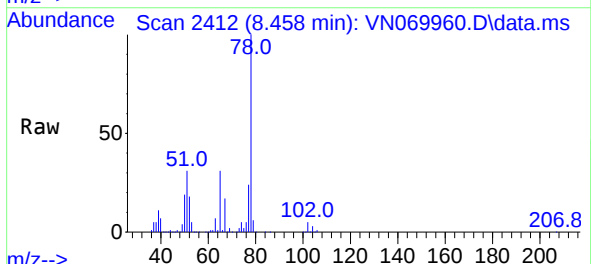
Manual Integrations
APPROVED

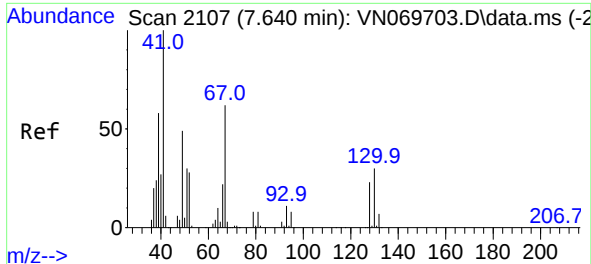
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#40
Benzene
Concen: 19.768 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

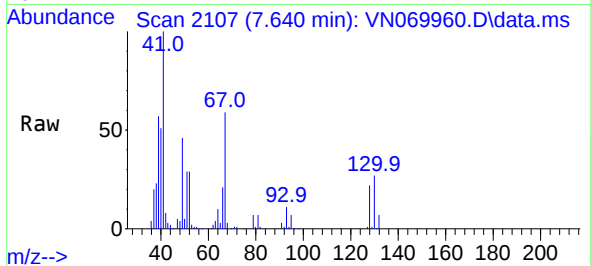
Tgt Ion: 78 Resp: 865754
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 19.046 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

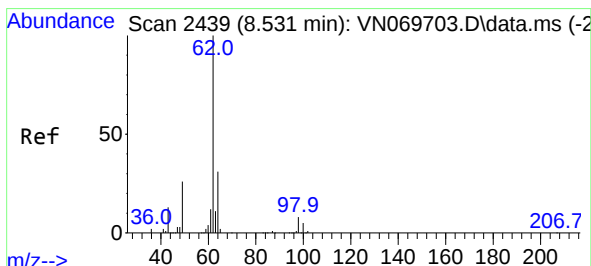
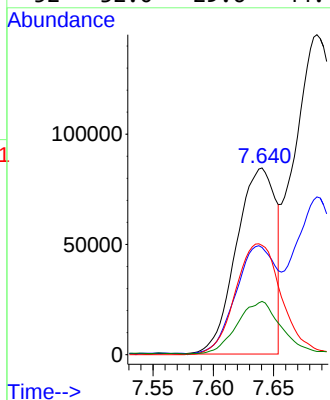
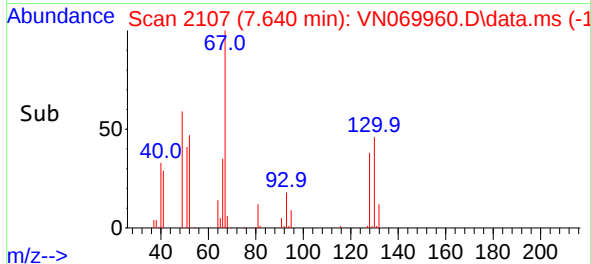
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 41 Resp: 190679
Ion Ratio Lower Upper
41 100
39 61.9 48.1 72.1
67 70.6 68.3 102.5
52 32.0 29.6 44.4

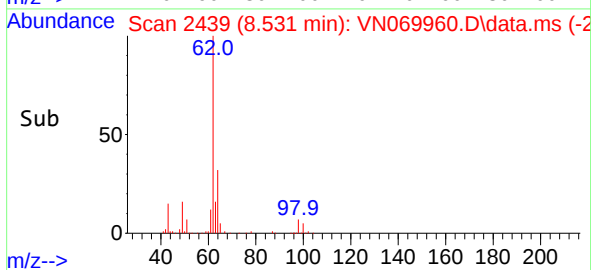
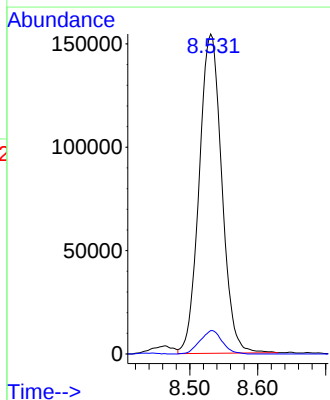
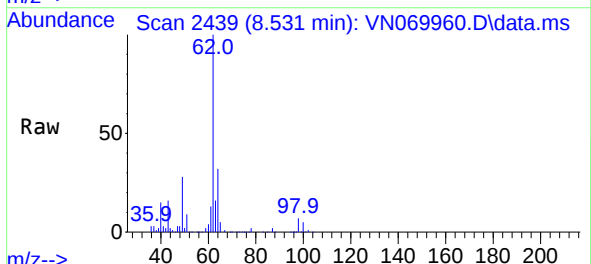
Manual Integrations
APPROVED

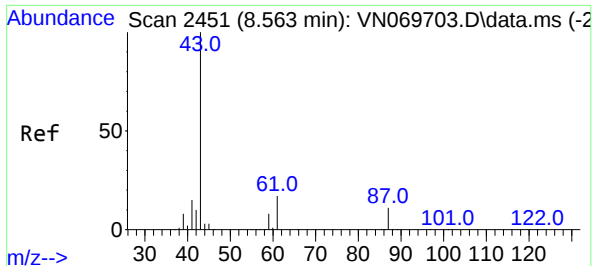
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 20.199 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

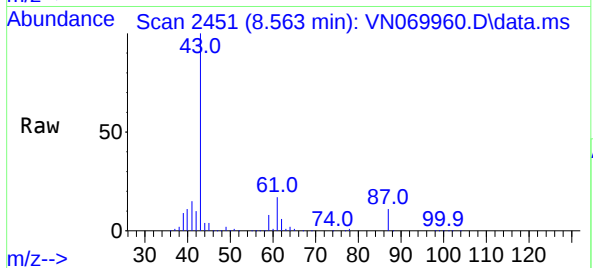
Tgt Ion: 62 Resp: 357111
Ion Ratio Lower Upper
62 100
98 7.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.963 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

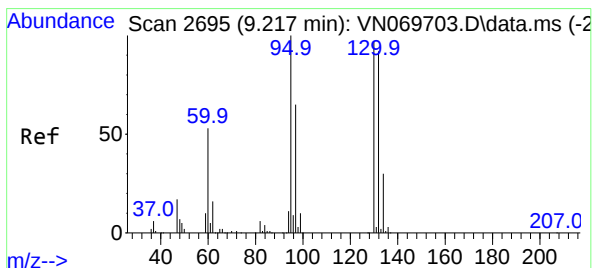
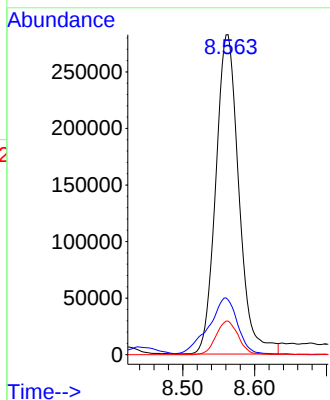
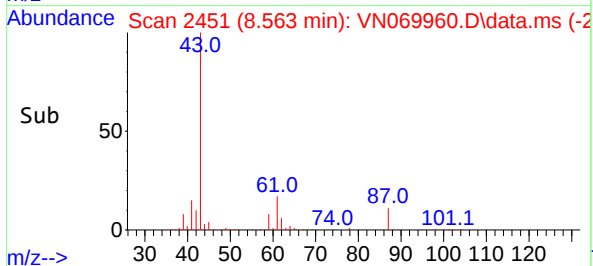
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



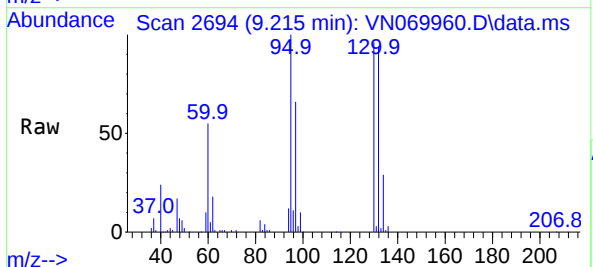
Tgt Ion: 43 Resp: 630015
Ion Ratio Lower Upper
43 100
61 22.0 20.4 30.6
87 10.2 11.2 16.8

Manual Integrations
APPROVED

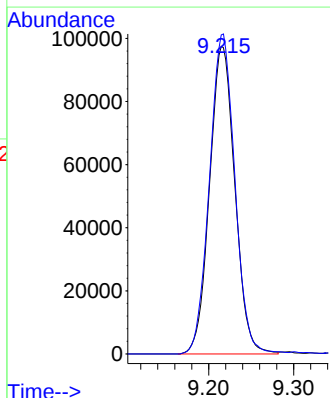
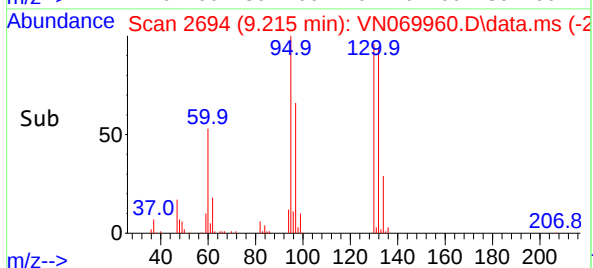
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

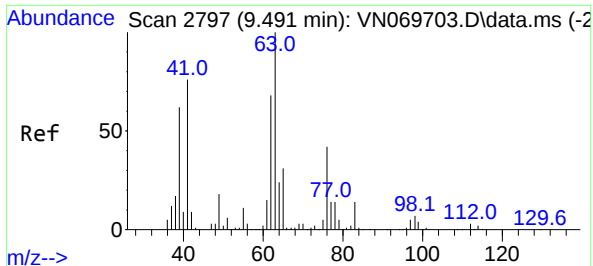


#44
Trichloroethene
Concen: 19.276 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



Tgt Ion:130 Resp: 201503
Ion Ratio Lower Upper
130 100
95 103.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.531 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069960.D

Acq: 10 Dec 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tgt Ion: 63 Resp: 24146

Ion Ratio Lower Upper

63 100

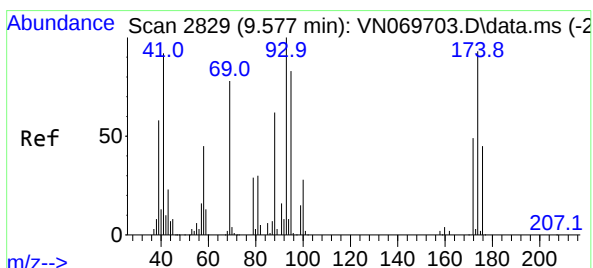
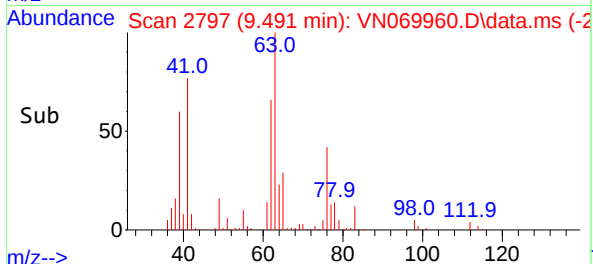
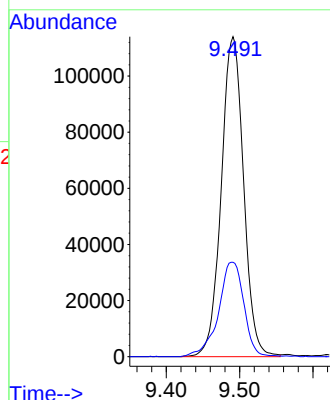
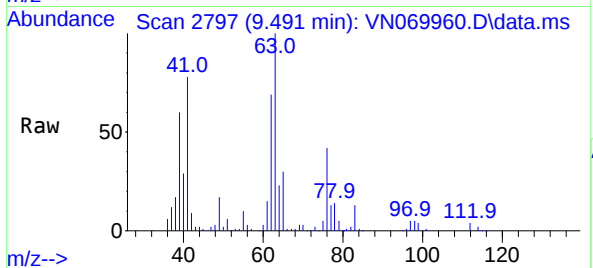
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#46

Dibromomethane

Concen: 20.355 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN069960.D

Acq: 10 Dec 2021 15:59

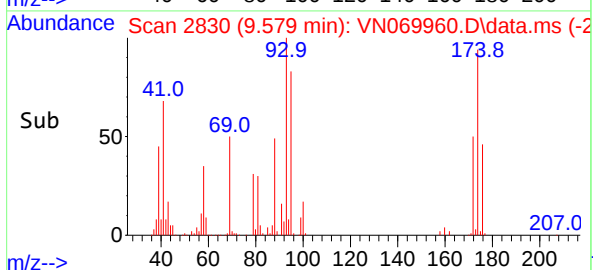
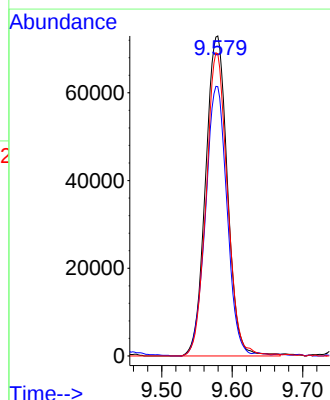
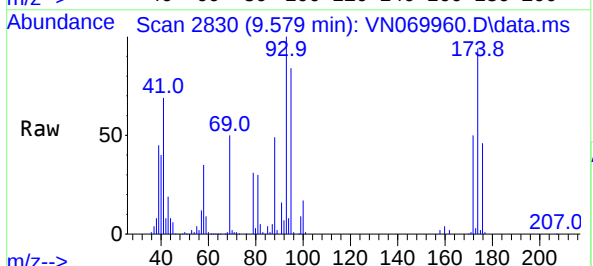
Tgt Ion: 93 Resp: 157000

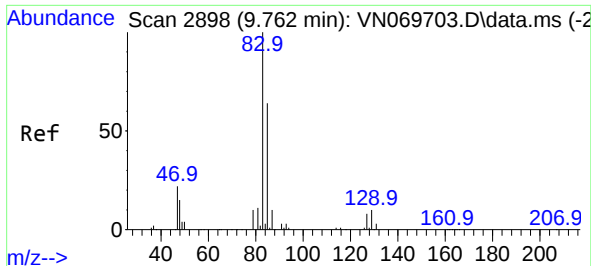
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

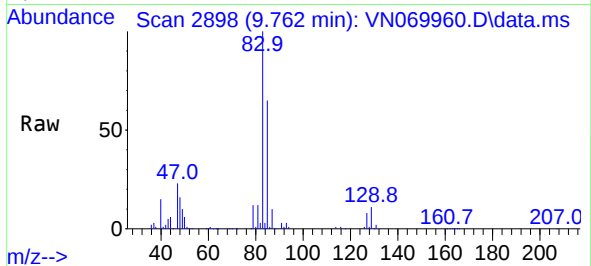
174 92.3 84.6 127.0





#47
Bromodichloromethane
Concen: 22.407 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

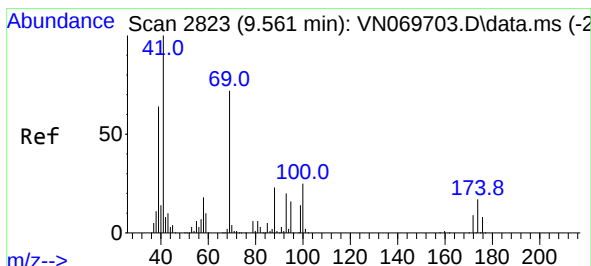
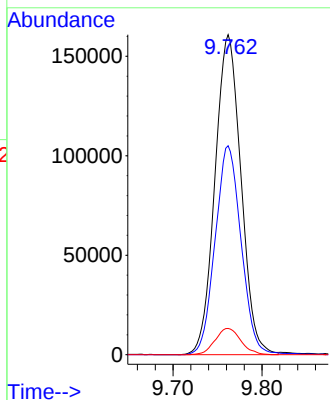
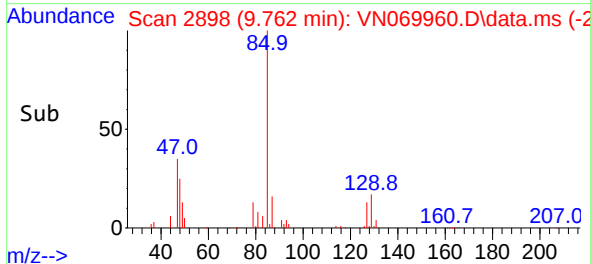
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



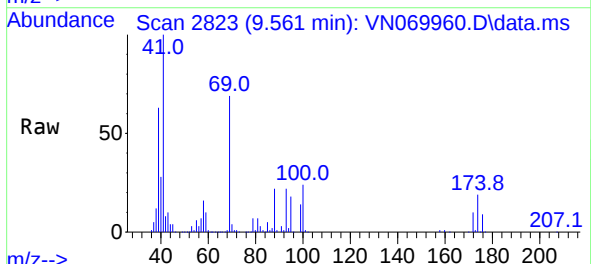
Tgt Ion: 83 Resp: 327230
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations
APPROVED

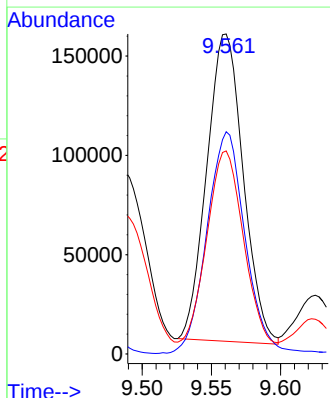
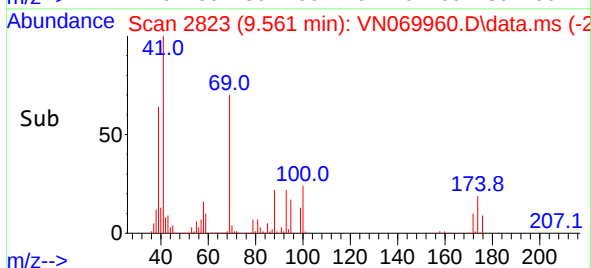
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

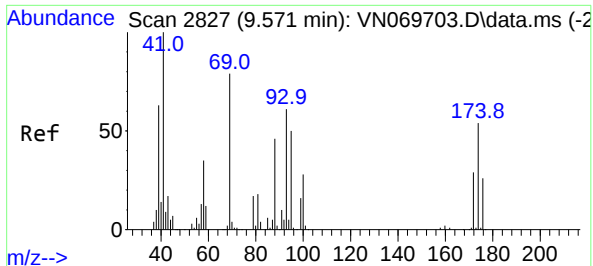


#48
Methyl methacrylate
Concen: 19.263 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



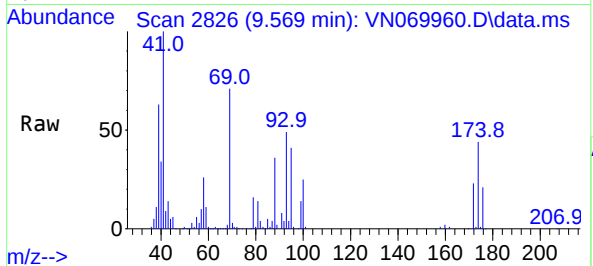
Tgt Ion: 41 Resp: 283705
Ion Ratio Lower Upper
41 100
69 75.7 72.4 108.6
39 62.7 58.4 87.6





#49
1,4-Dioxane
Concen: 361.653 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

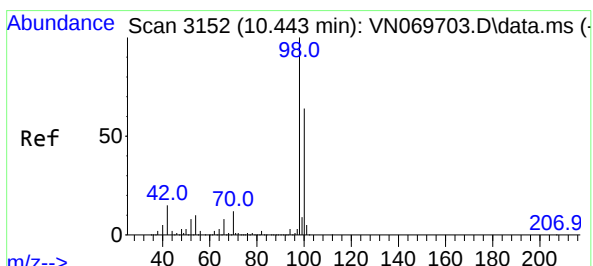
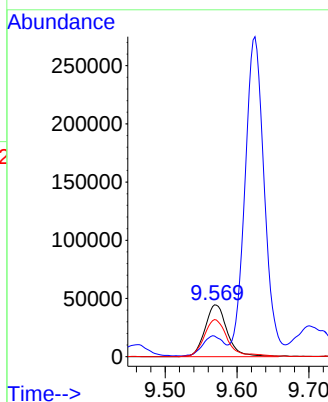
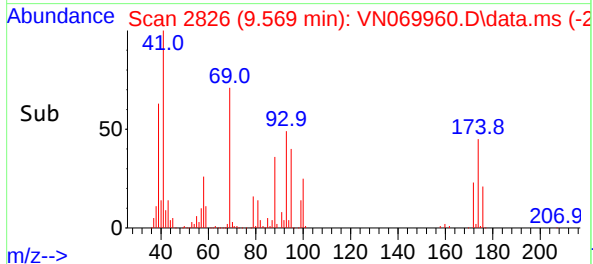
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 88 Resp: 95572
Ion Ratio Lower Upper
88 100
43 36.7 23.4 35.2
58 72.7 50.6 75.8

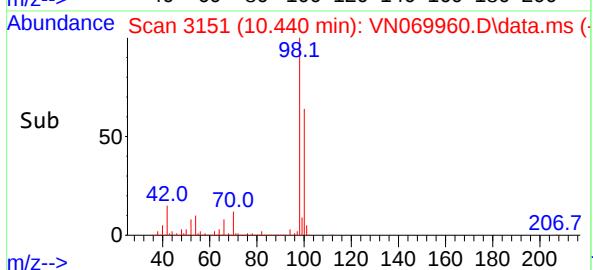
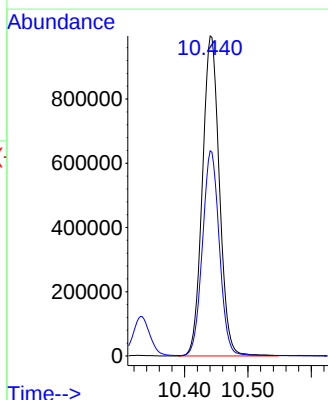
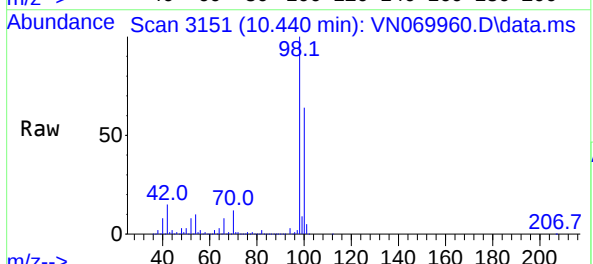
Manual Integrations
APPROVED

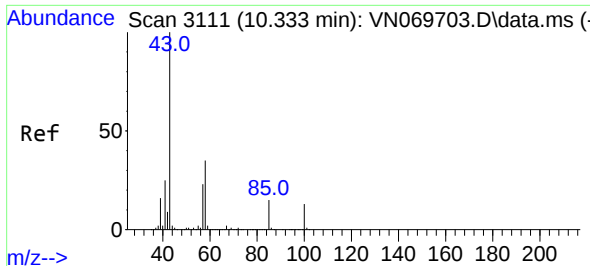
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 49.030 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Tgt Ion: 98 Resp: 1856084
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6





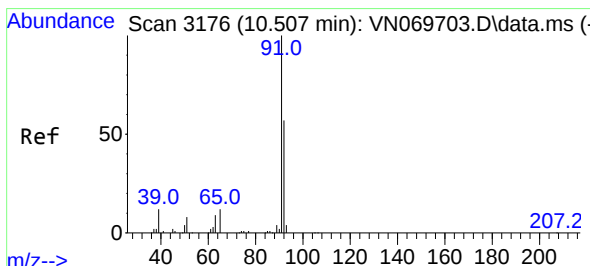
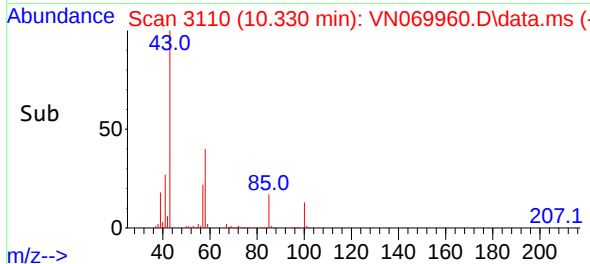
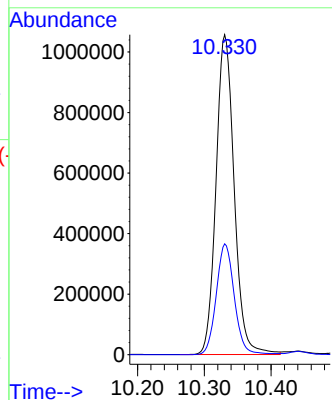
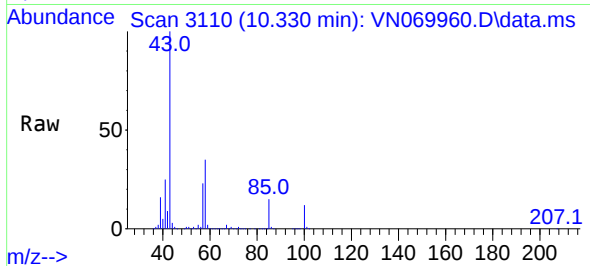
#51
4-Methyl-2-Pentanone
Concen: 97.485 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 43 Resp: 199585
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

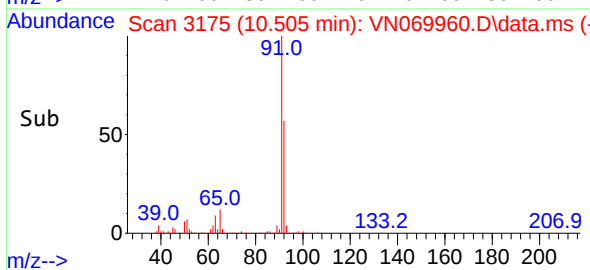
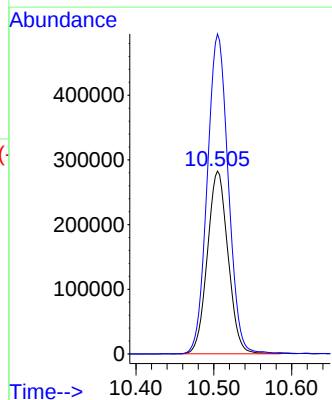
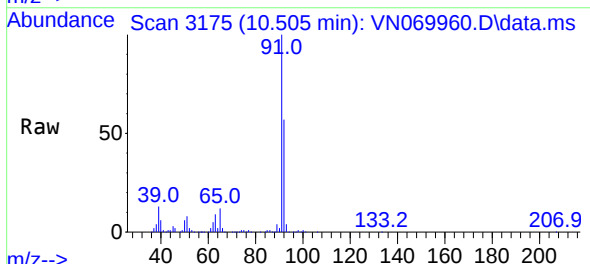
Manual Integrations
APPROVED

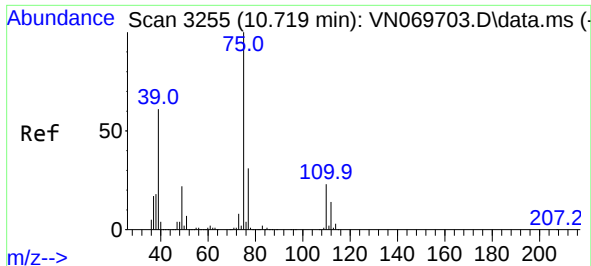
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 19.484 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Tgt Ion: 92 Resp: 520979
Ion Ratio Lower Upper
92 100
91 178.2 142.0 213.0





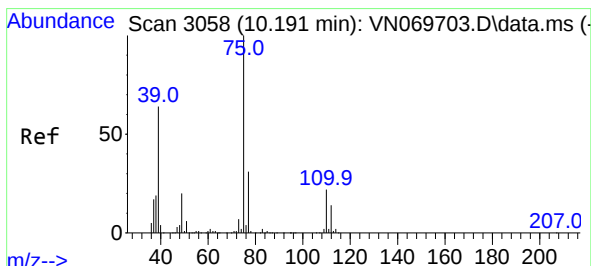
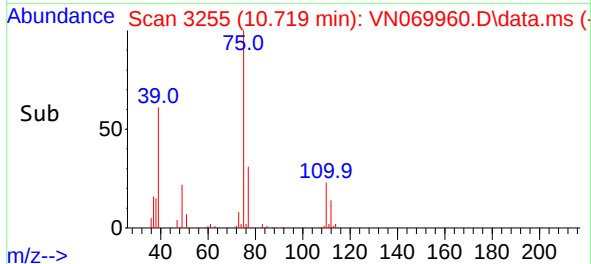
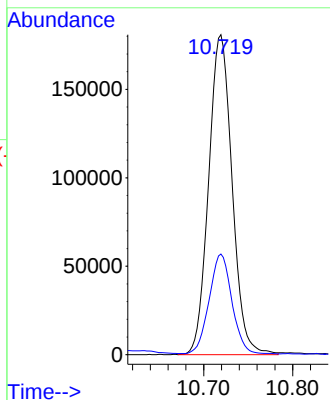
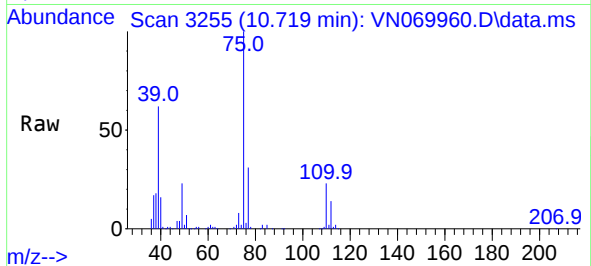
#53
t-1,3-Dichloropropene
Concen: 20.594 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 75 Resp: 33121
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

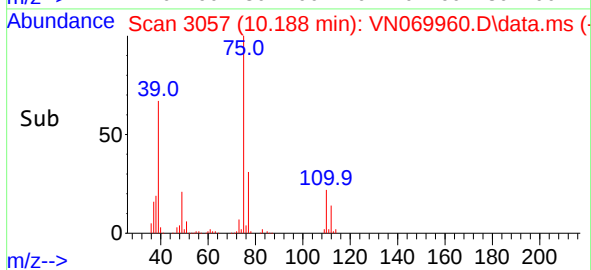
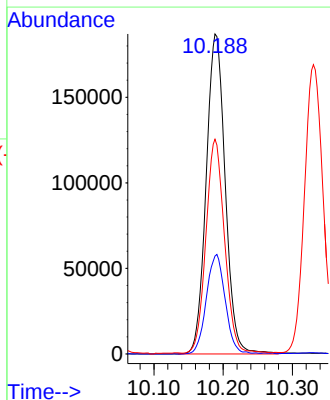
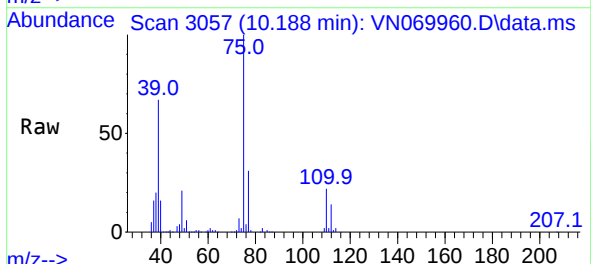
Manual Integrations
APPROVED

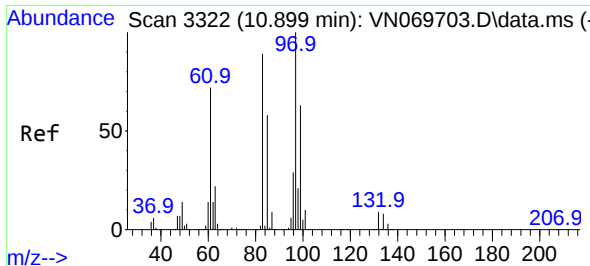
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#54
cis-1,3-Dichloropropene
Concen: 20.618 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

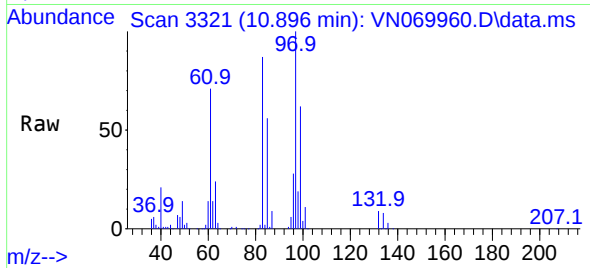
Tgt Ion: 75 Resp: 357575
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6
39 66.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.168 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

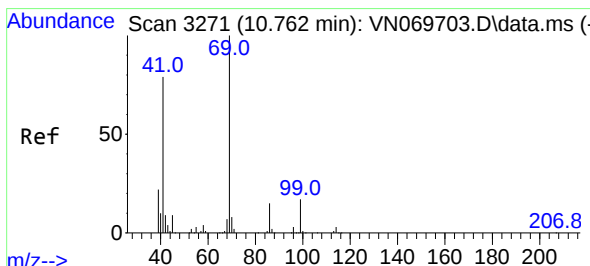
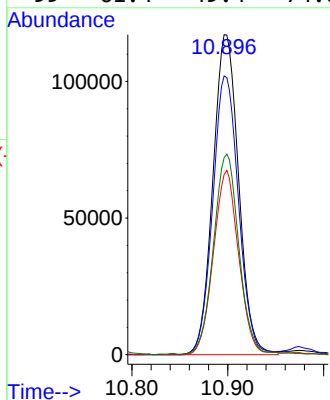
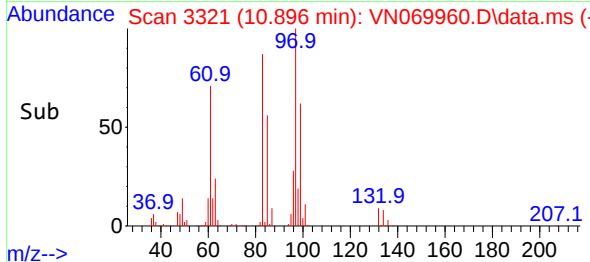
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



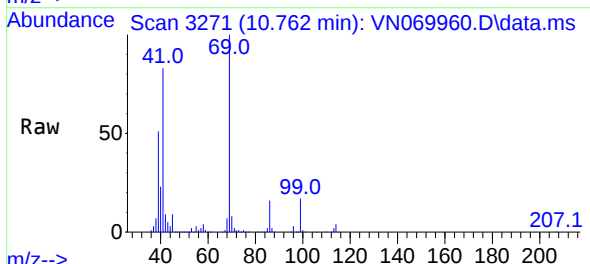
Tgt Ion: 97 Resp: 21757
Ion Ratio Lower Upper
97 100
83 87.1 67.8 101.6
85 56.3 45.4 68.2
99 61.4 49.4 74.0

Manual Integrations
APPROVED

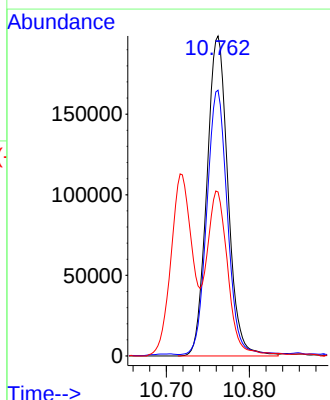
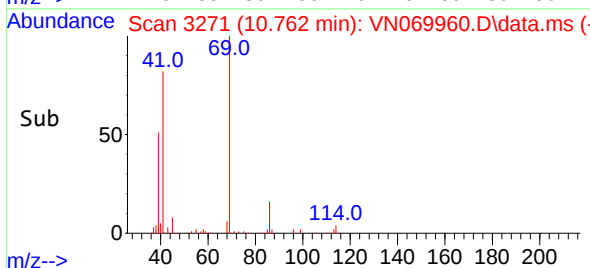
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

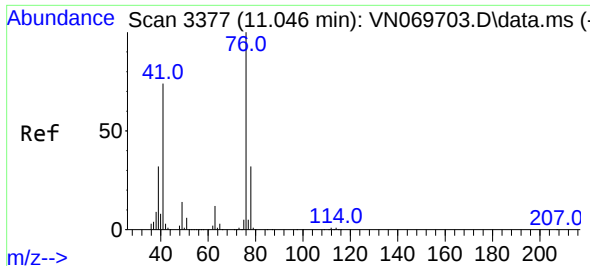


#56
Ethyl methacrylate
Concen: 18.689 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



Tgt Ion: 69 Resp: 349997
Ion Ratio Lower Upper
69 100
41 80.5 51.4 77.0#
39 49.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.937 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069960.D

Acq: 10 Dec 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD01

Tgt Ion: 76 Resp: 378729

Ion Ratio Lower Upper

76 100

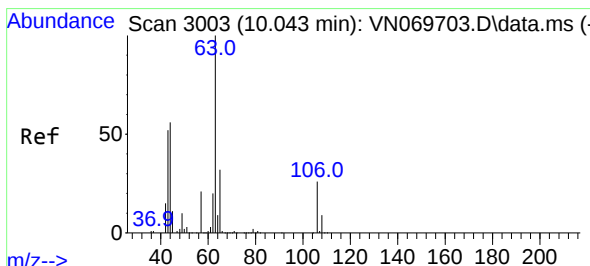
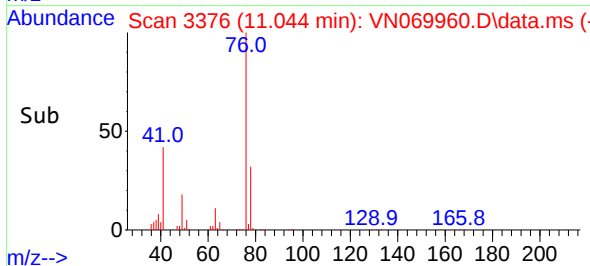
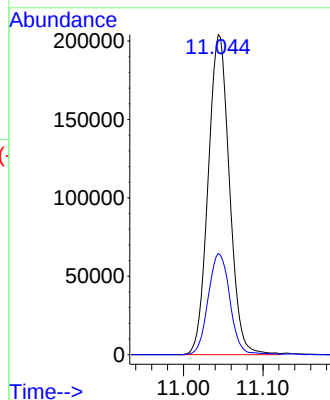
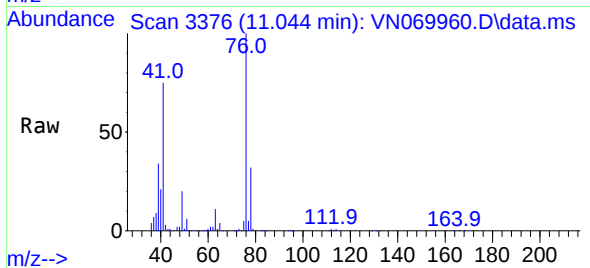
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 88.564 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069960.D

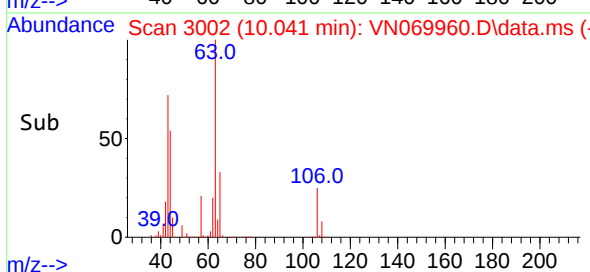
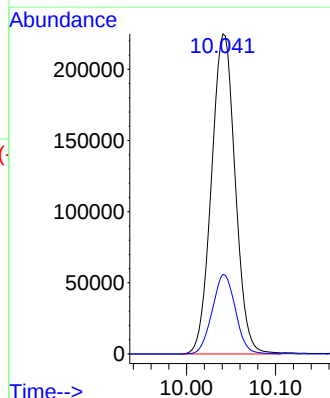
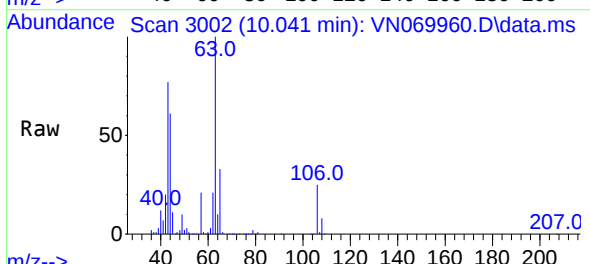
Acq: 10 Dec 2021 15:59

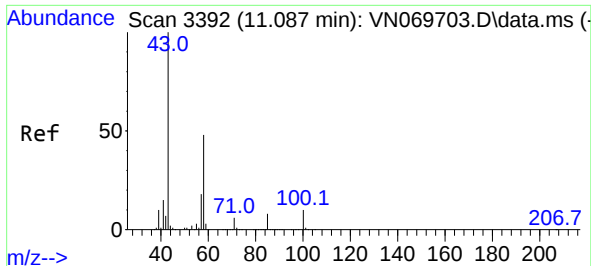
Tgt Ion: 63 Resp: 416390

Ion Ratio Lower Upper

63 100

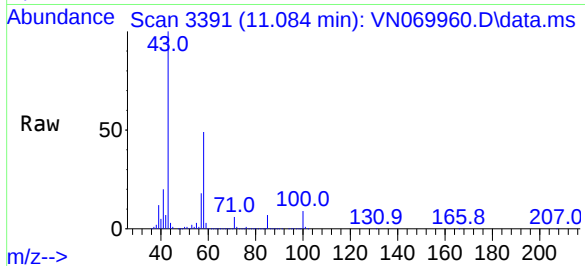
106 24.4 23.9 35.9





#59
2-Hexanone
Concen: 92.479 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

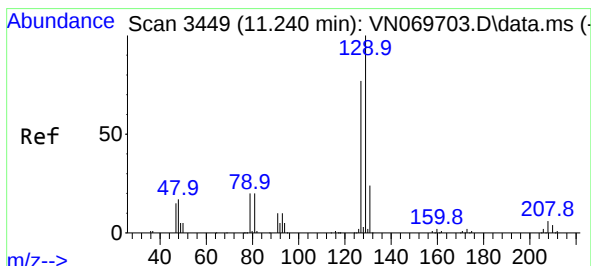
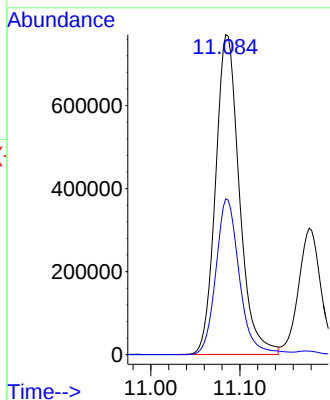
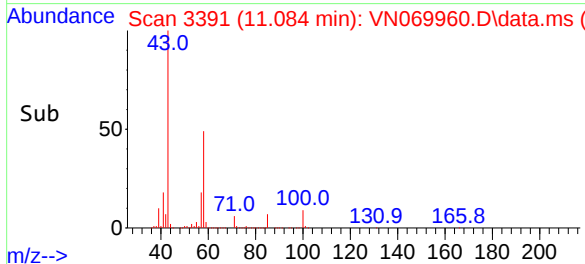
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



Tgt Ion: 43 Resp: 143226
Ion Ratio Lower Upper
43 100
58 48.3 26.9 80.7

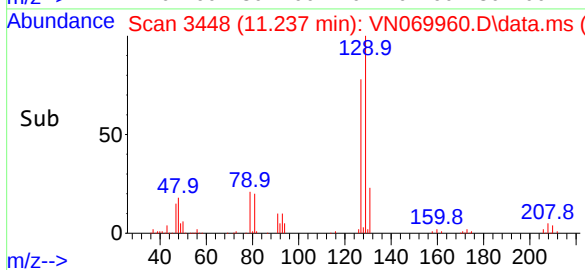
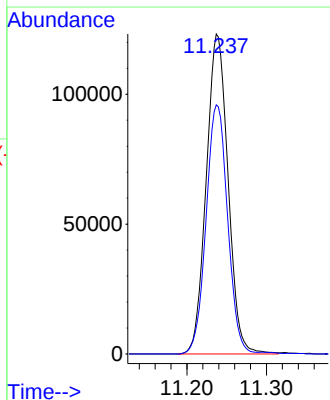
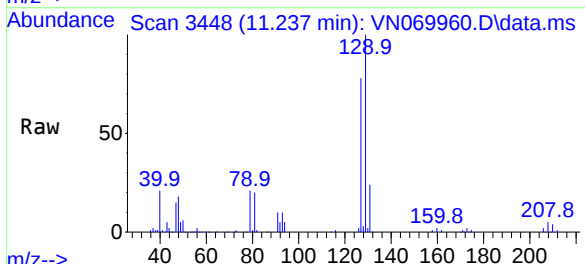
Manual Integrations
APPROVED

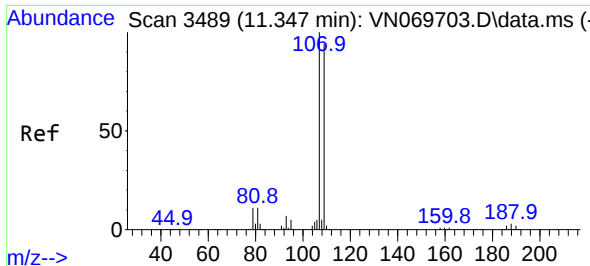
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 21.729 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

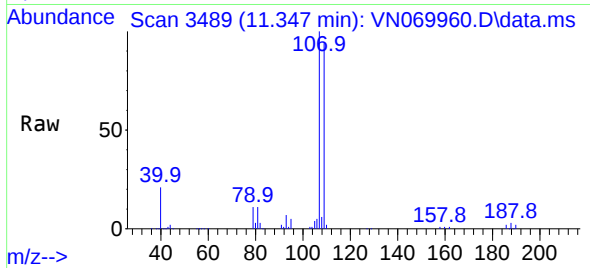
Tgt Ion:129 Resp: 234873
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.329 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

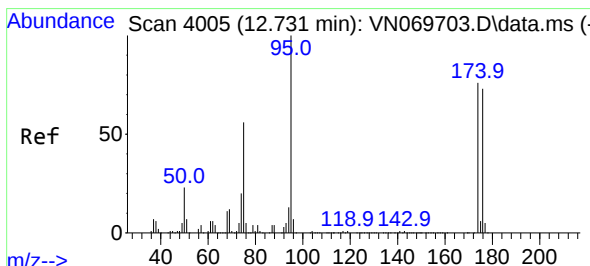
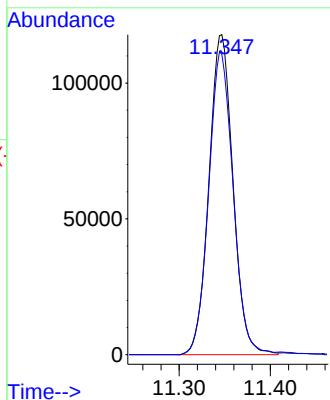
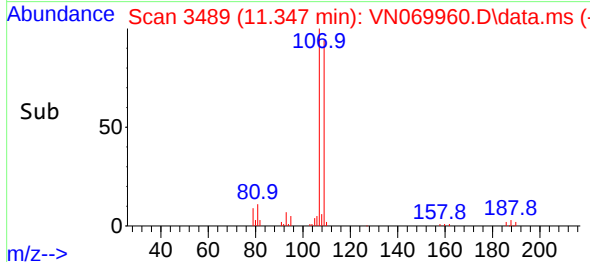
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



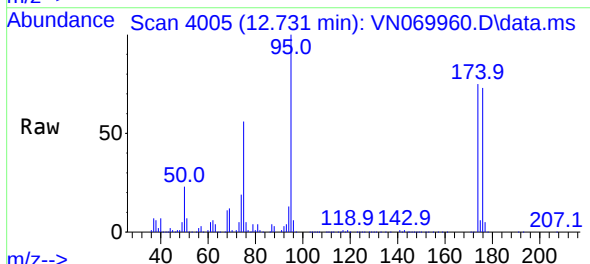
Tgt Ion:107 Resp: 215992
Ion Ratio Lower Upper
107 100
109 95.9 75.7 113.5

Manual Integrations
APPROVED

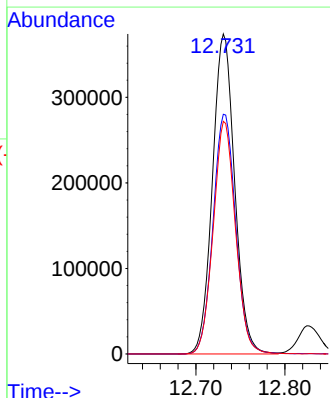
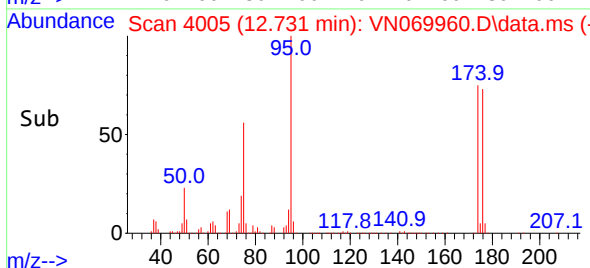
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

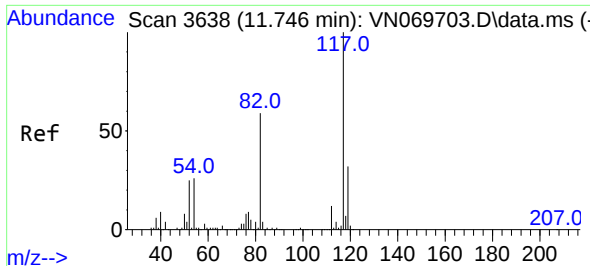


#62
4-Bromofluorobenzene
Concen: 47.350 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



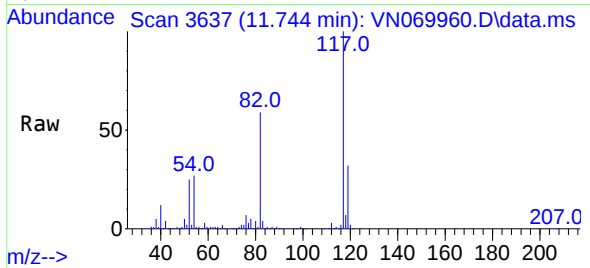
Tgt Ion: 95 Resp: 649385
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

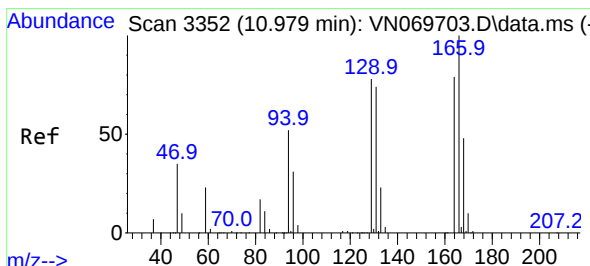
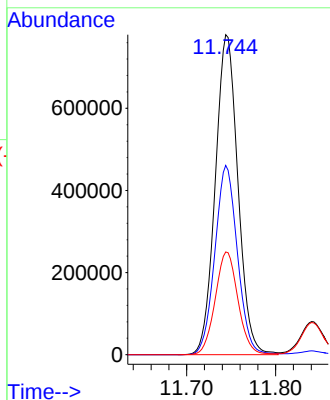
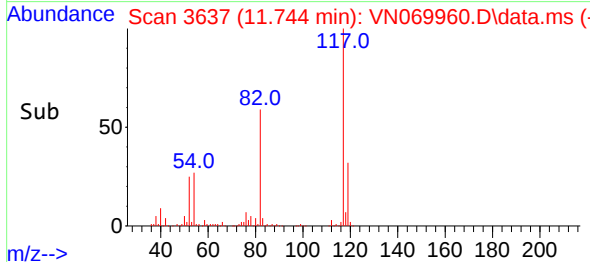
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



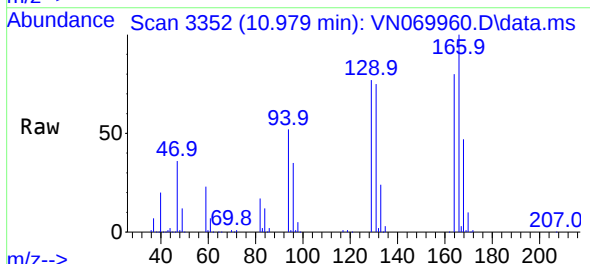
Tgt Ion:117 Resp: 138036
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

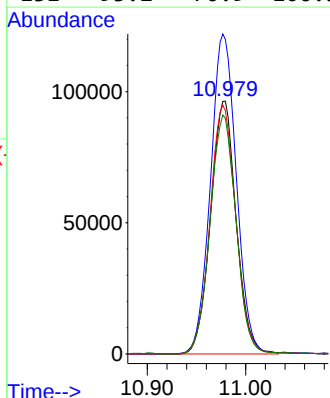
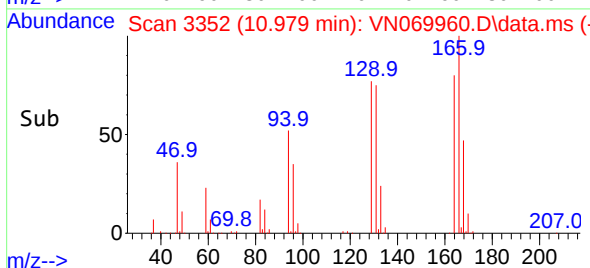
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#64
Tetrachloroethene
Concen: 18.630 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



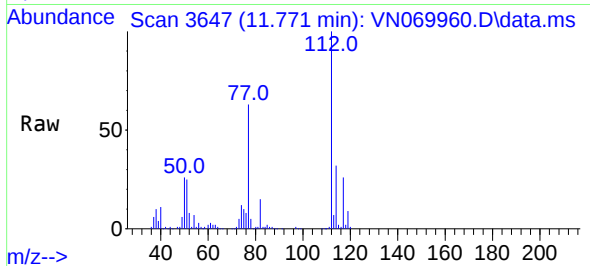
Tgt Ion:164 Resp: 174377
Ion Ratio Lower Upper
164 100
166 124.4 101.9 152.9
129 96.1 72.0 108.0
131 93.2 70.9 106.3





#65
Chlorobenzene
Concen: 19.668 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

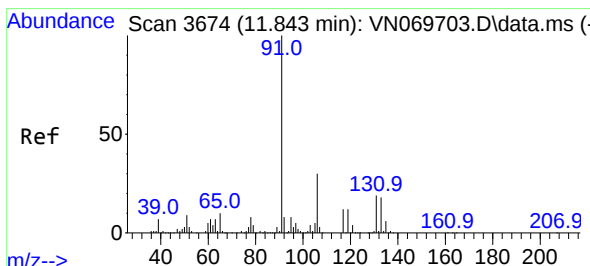
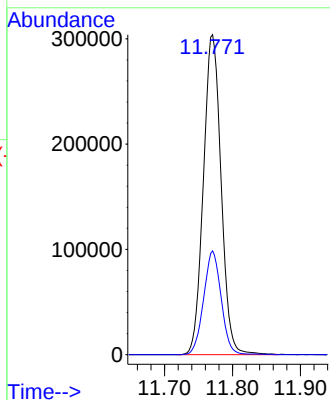
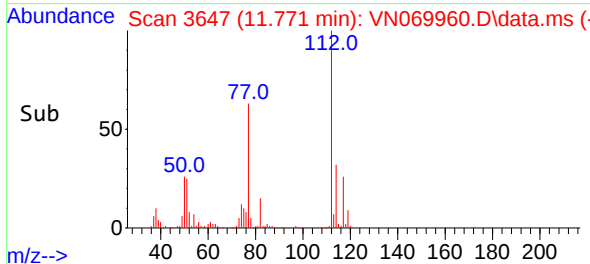
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



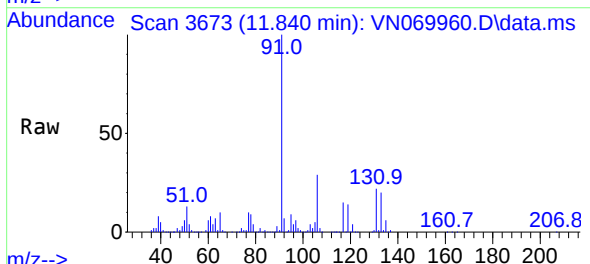
Tgt Ion:112 Resp: 550759
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

Manual Integrations
APPROVED

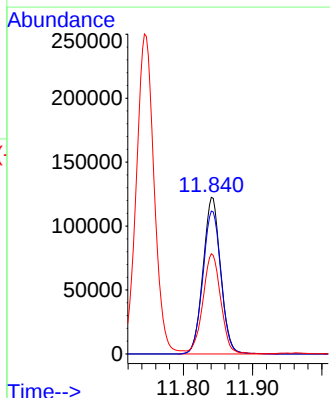
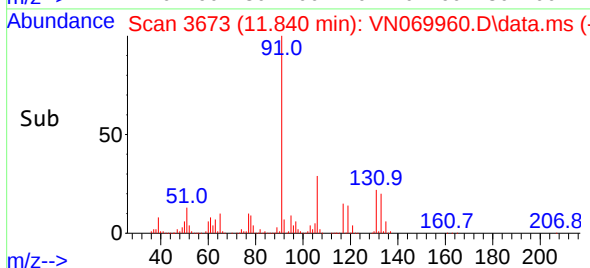
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

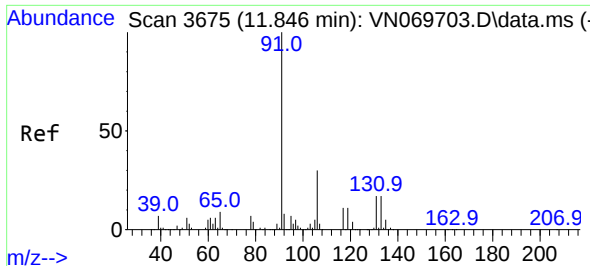


#66
1,1,1,2-Tetrachloroethane
Concen: 21.934 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



Tgt Ion:131 Resp: 216186
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 63.1 32.1 96.5





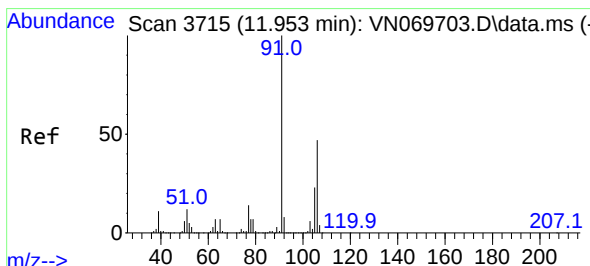
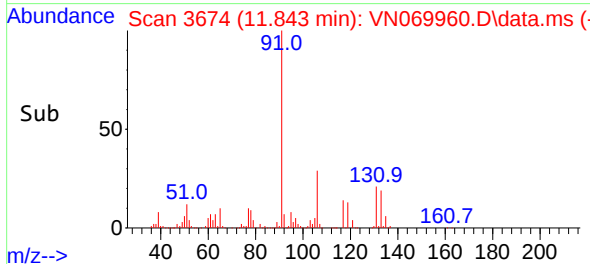
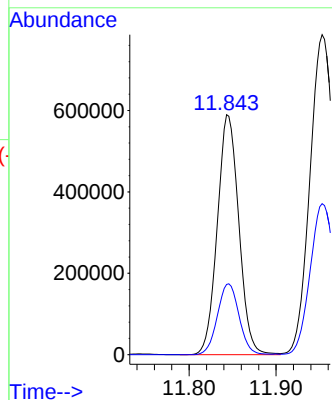
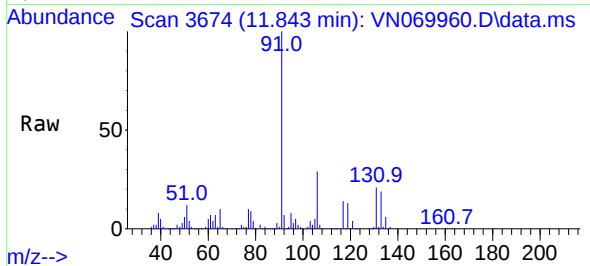
#67
Ethyl Benzene
Concen: 19.929 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 91 Resp: 101376
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5

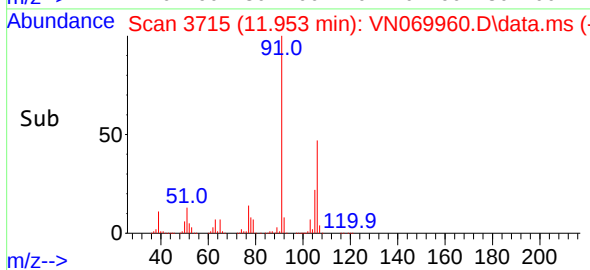
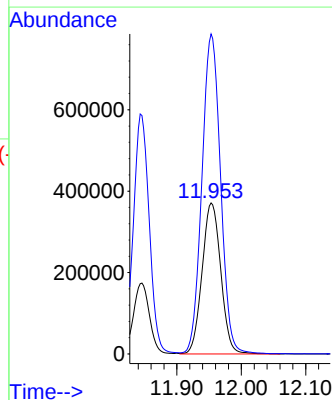
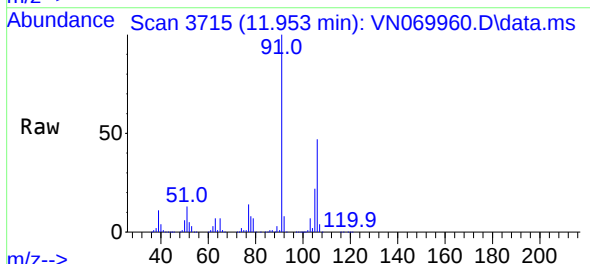
Manual Integrations
APPROVED

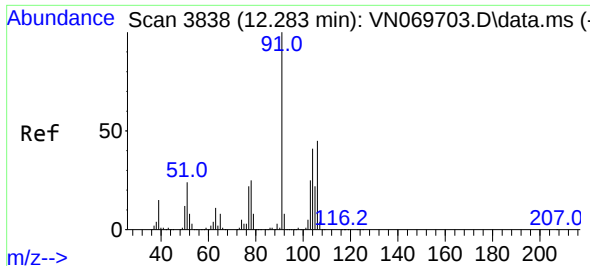
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#68
m/p-Xylenes
Concen: 40.293 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Tgt Ion:106 Resp: 746277
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8





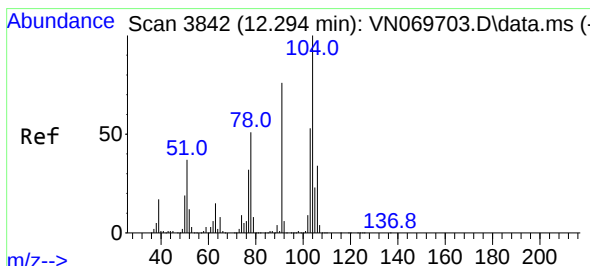
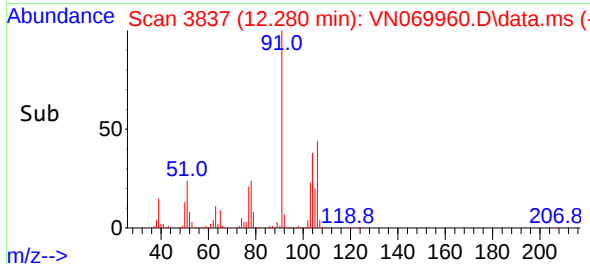
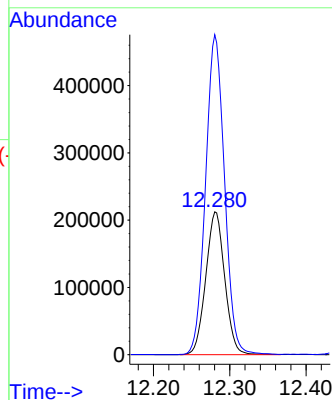
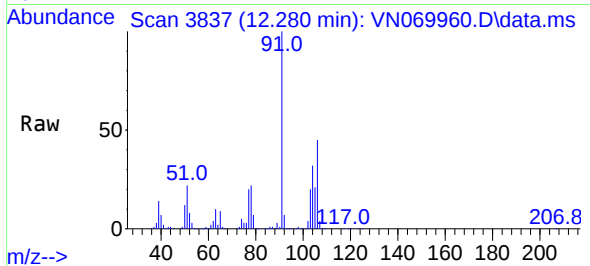
#69
o-Xylene
Concen: 19.643 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion:106 Resp: 366450
Ion Ratio Lower Upper
106 100
91 223.6 105.8 317.3

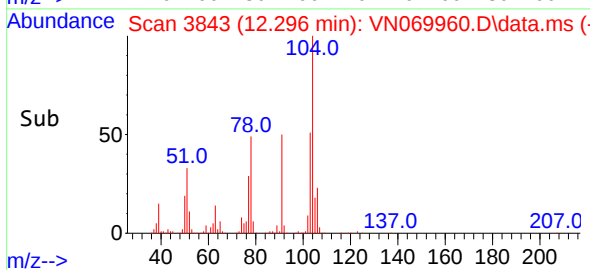
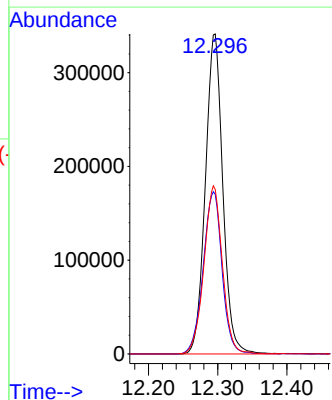
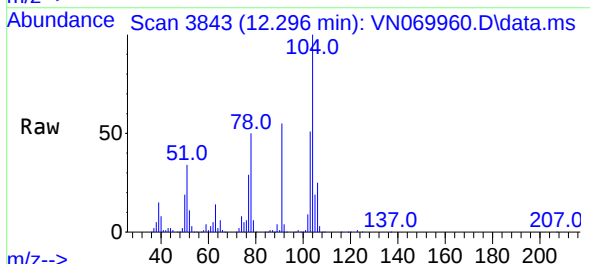
Manual Integrations
APPROVED

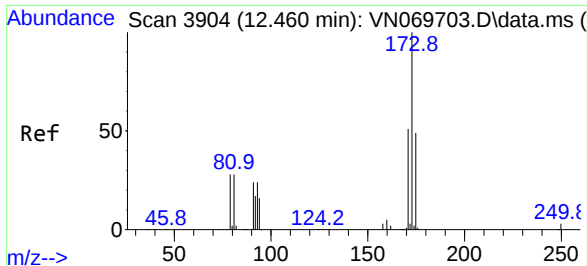
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 20.184 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

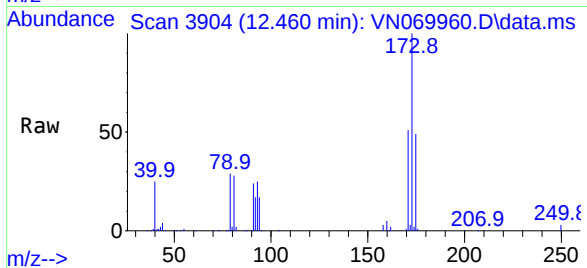
Tgt Ion:104 Resp: 597111
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 22.614 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

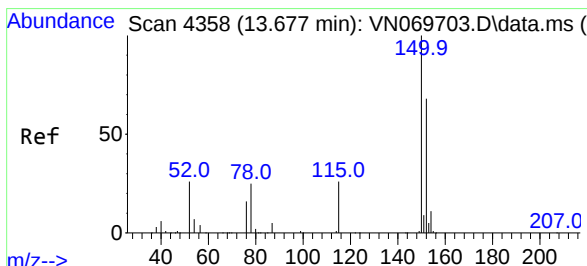
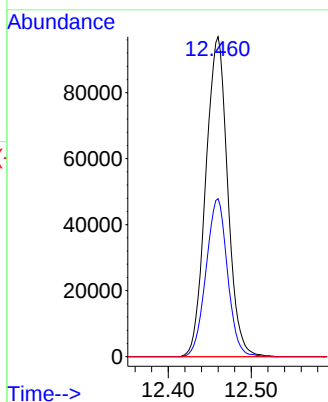
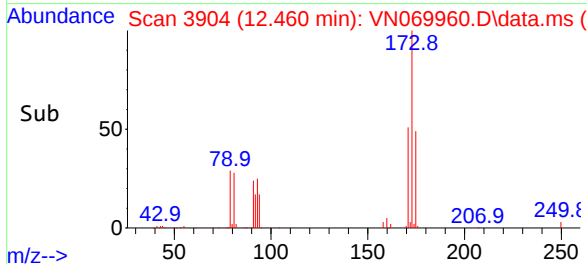
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



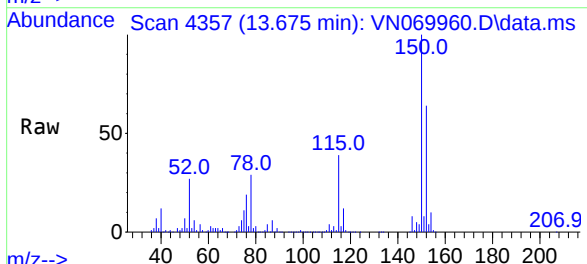
Tgt Ion:173 Resp: 177300
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

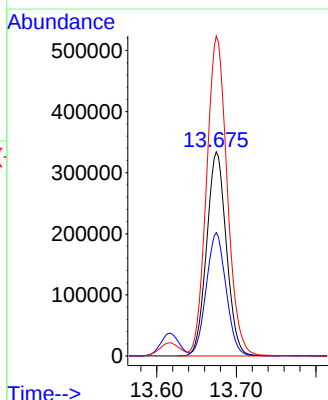
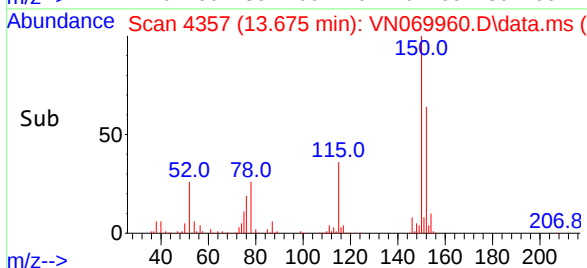
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

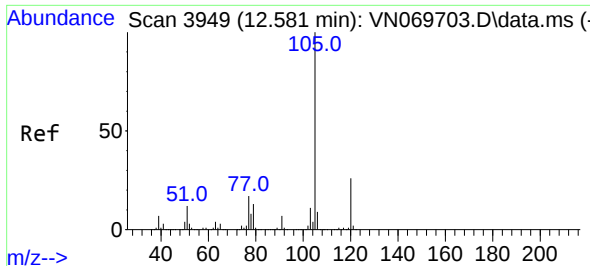


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



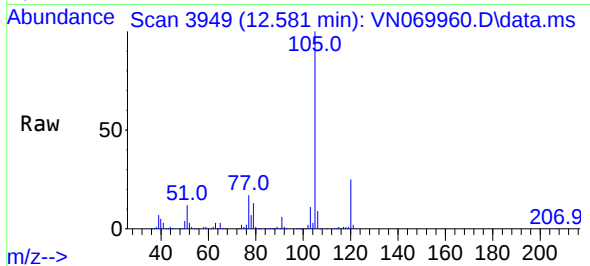
Tgt Ion:152 Resp: 576495
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 163.7 0.0 344.4





#73
Isopropylbenzene
Concen: 18.830 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

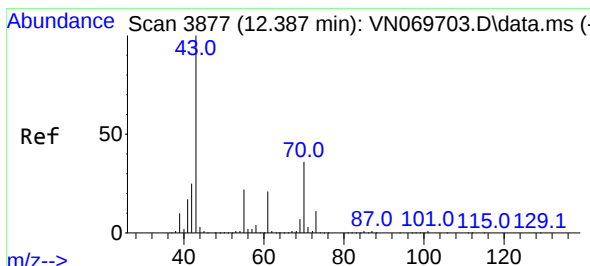
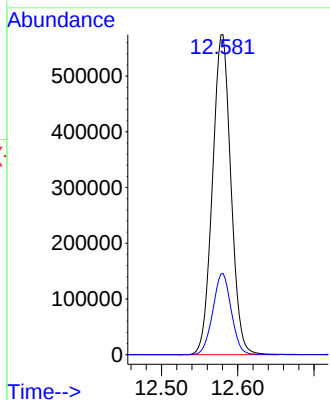
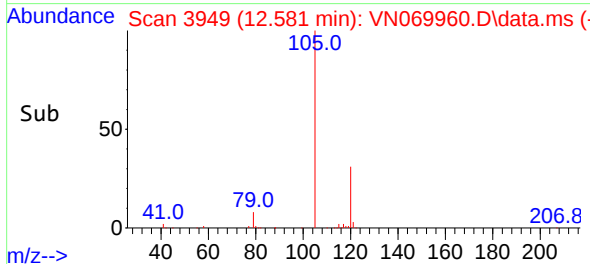
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



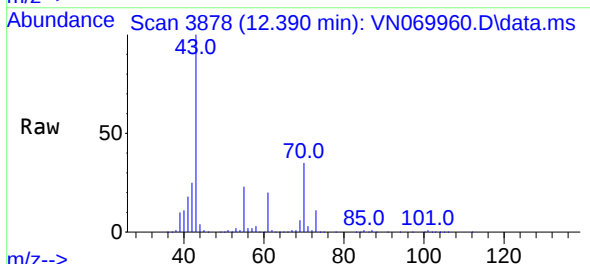
Tgt Ion: 105 Resp: 965807
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

Manual Integrations
APPROVED

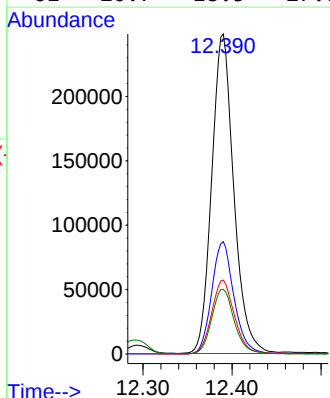
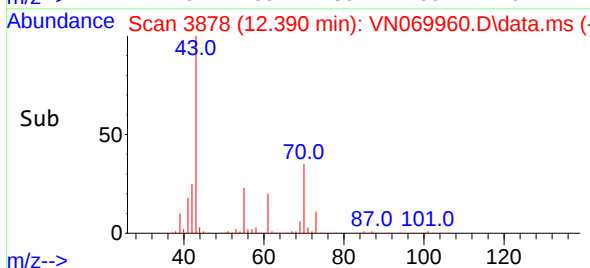
Reviewed By : John Carlone 12/11/2021
Supervised By : Amit Patel 12/14/2021

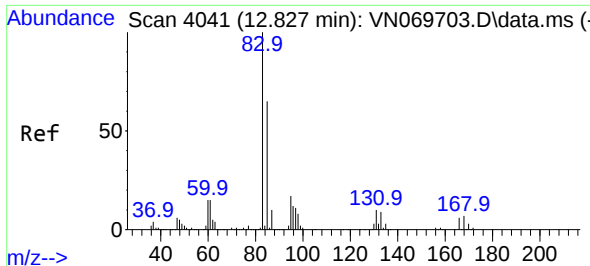


#74
N-ethyl acetate
Concen: 18.860 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



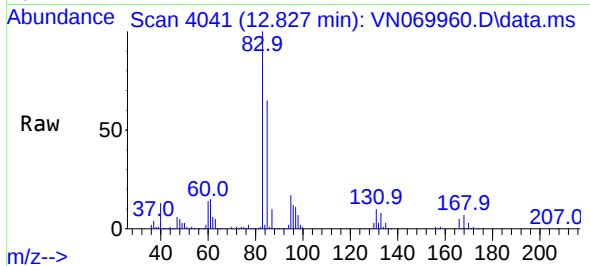
Tgt Ion: 43 Resp: 427807
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.9 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.293 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

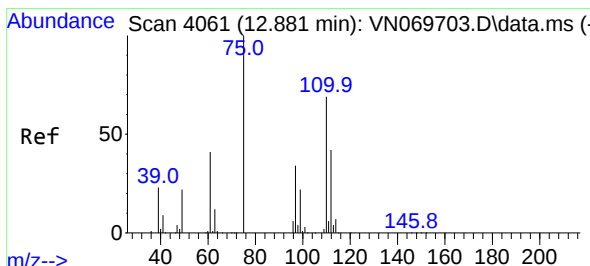
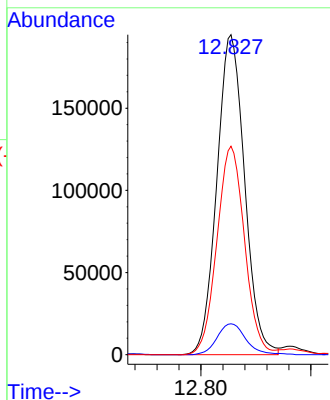
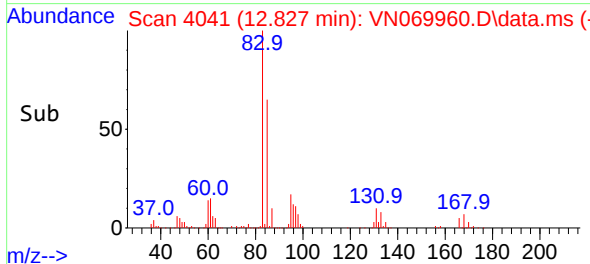
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



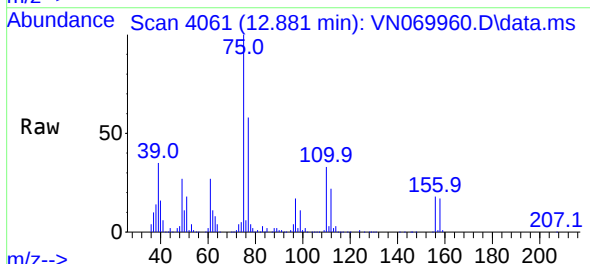
Tgt Ion: 83 Resp: 342197
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.7 32.4 97.2

Manual Integrations
APPROVED

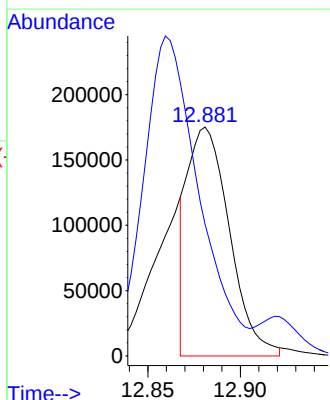
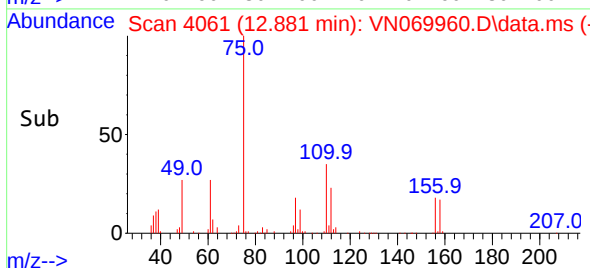
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

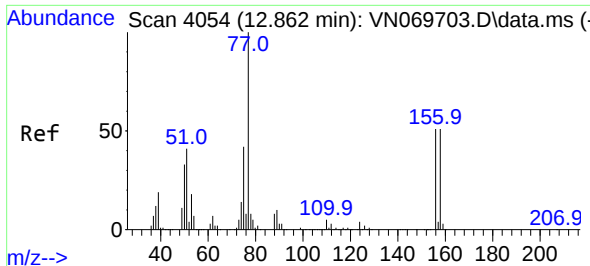


#76
1,2,3-Trichloropropane
Concen: 16.762 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



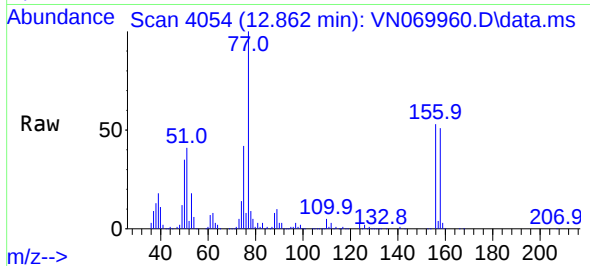
Tgt Ion: 75 Resp: 277123
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 18.624 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

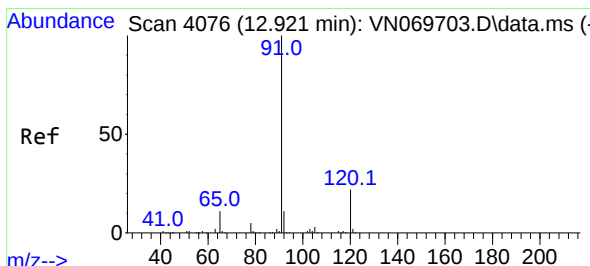
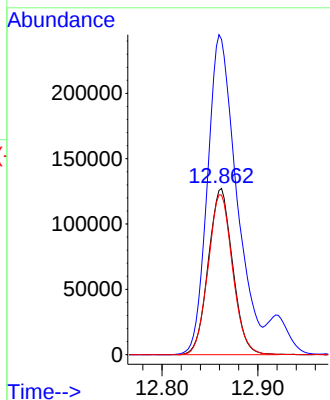
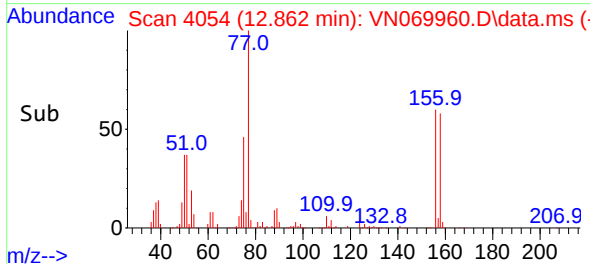
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



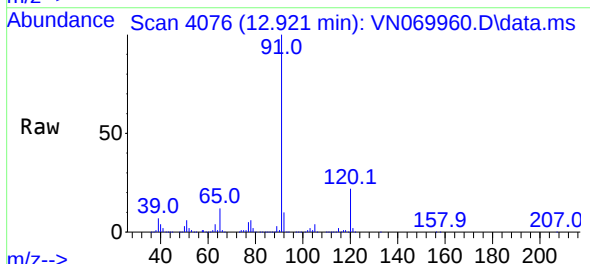
Tgt Ion:156 Resp: 22437
Ion Ratio Lower Upper
156 100
77 229.1 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
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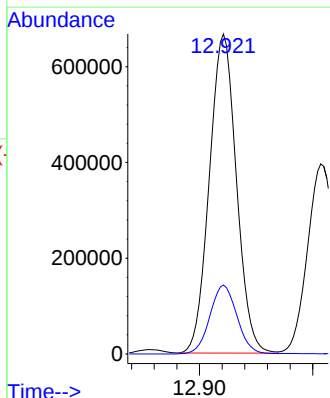
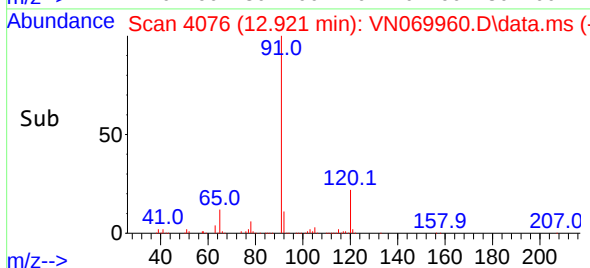
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

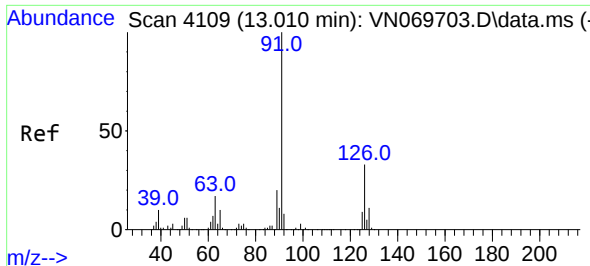


#78
n-propylbenzene
Concen: 19.336 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



Tgt Ion: 91 Resp: 1103605
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





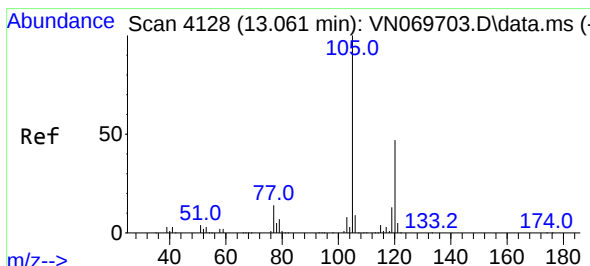
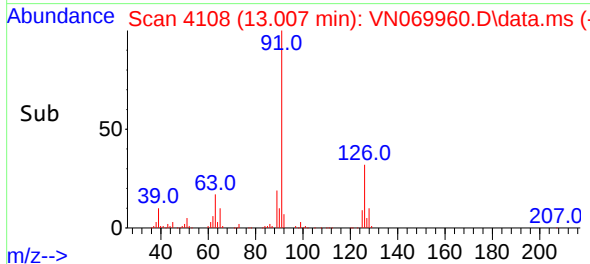
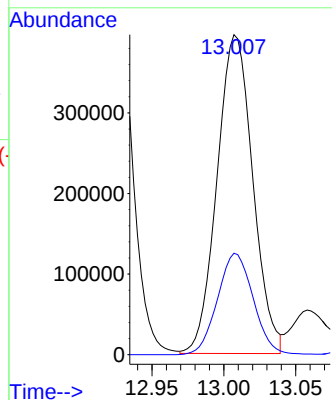
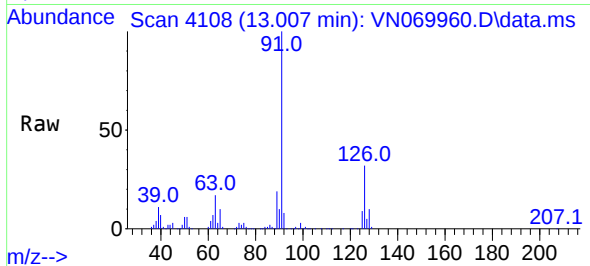
#79
2-Chlorotoluene
Concen: 18.977 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion: 91 Resp: 684392
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

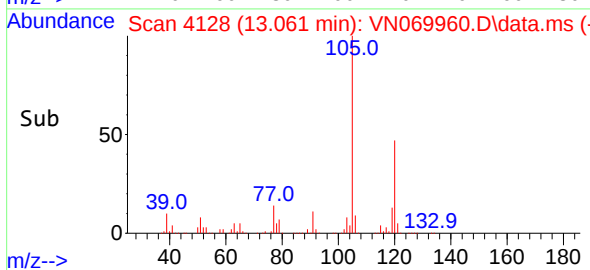
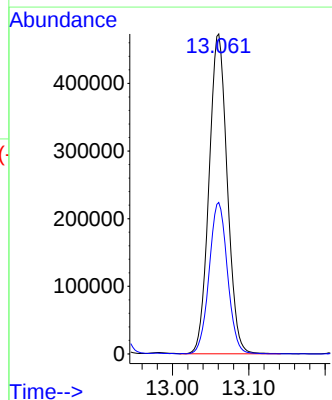
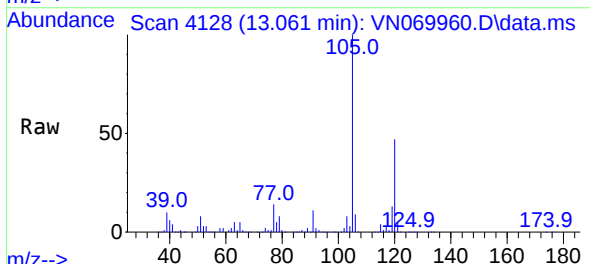
Manual Integrations
APPROVED

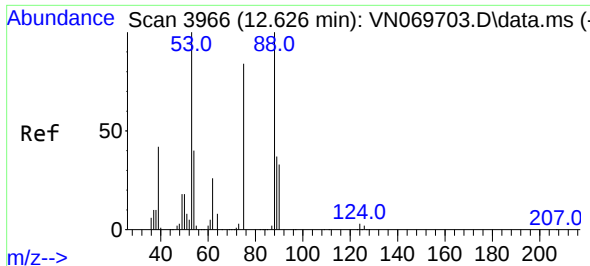
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.982 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

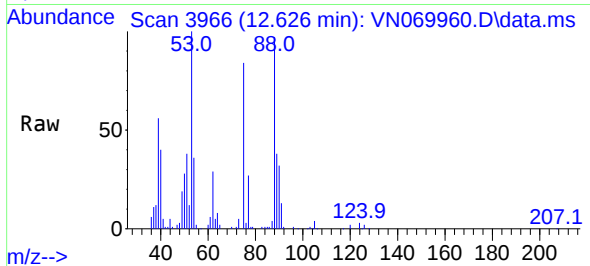
Tgt Ion:105 Resp: 783632
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.741 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

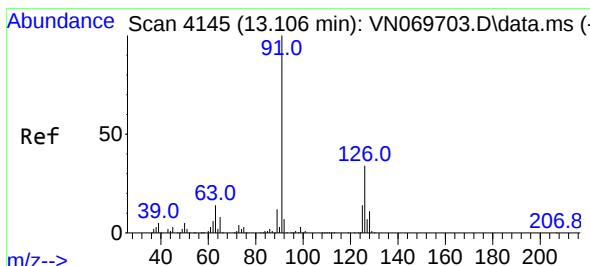
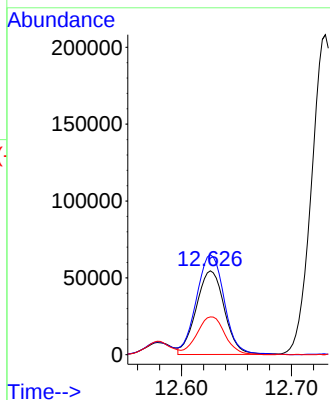
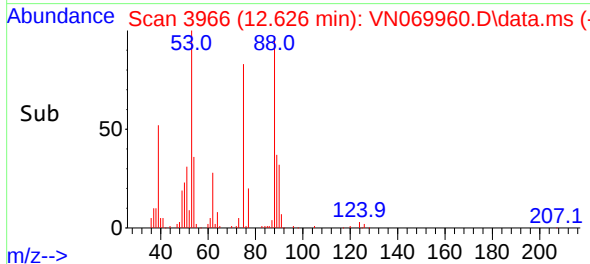
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



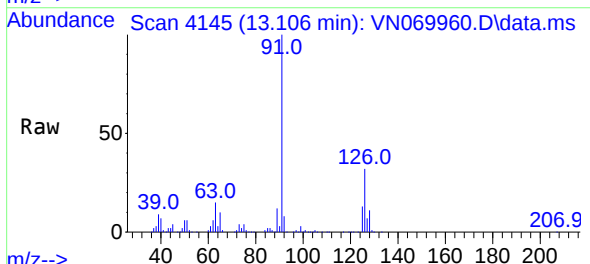
Tgt Ion: 75 Resp: 97200
Ion Ratio Lower Upper
75 100
53 118.8 90.5 135.7
89 44.7 38.2 57.4

Manual Integrations
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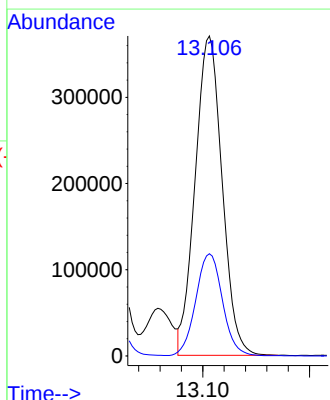
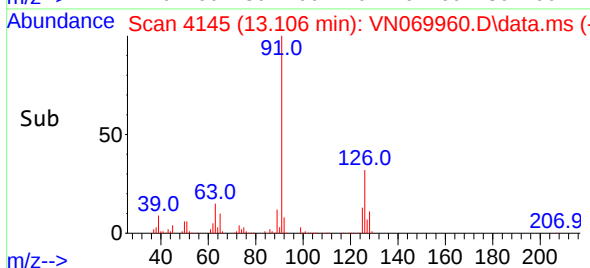
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

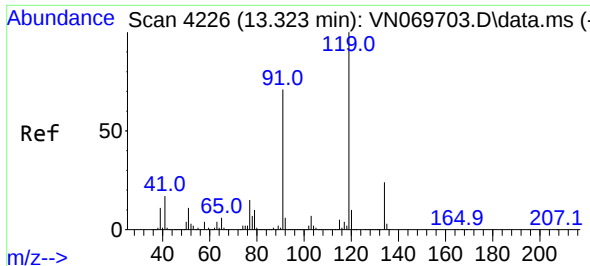


#82
4-Chlorotoluene
Concen: 19.104 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



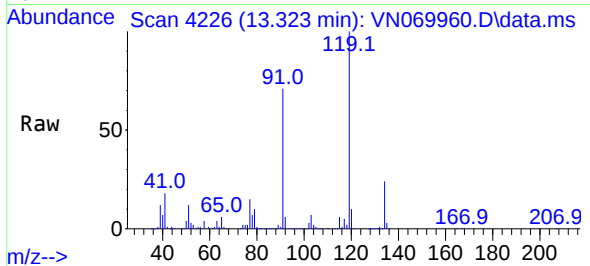
Tgt Ion: 91 Resp: 647942
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.226 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

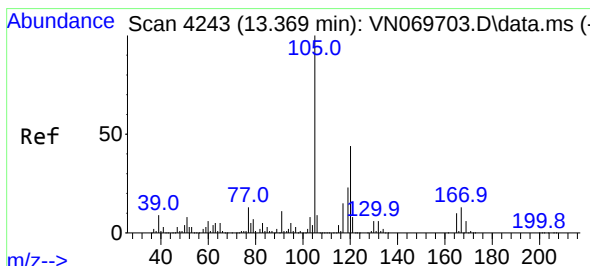
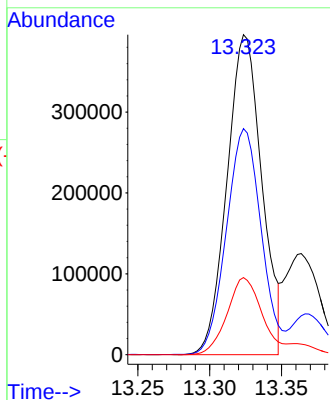
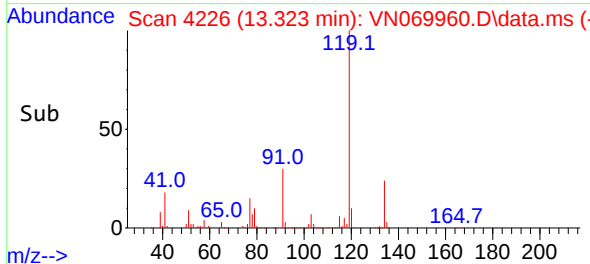
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



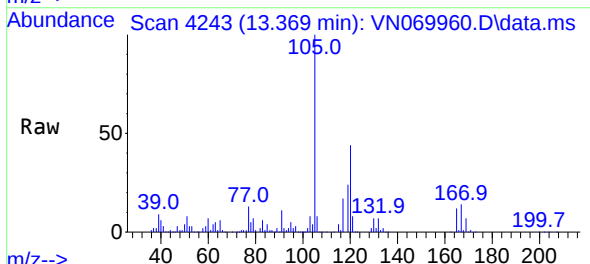
Tgt Ion:119 Resp: 666279
Ion Ratio Lower Upper
119 100
91 71.3 31.5 94.5
134 24.3 12.4 37.4

Manual Integrations
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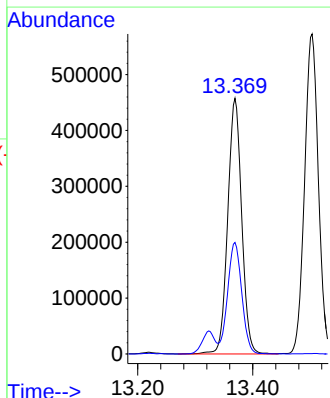
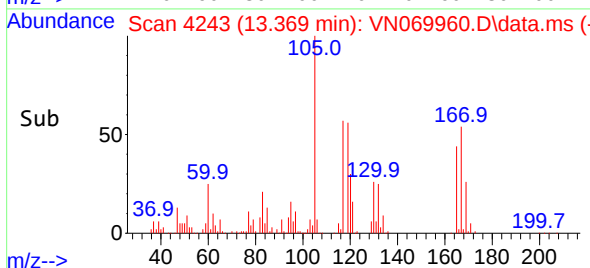
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

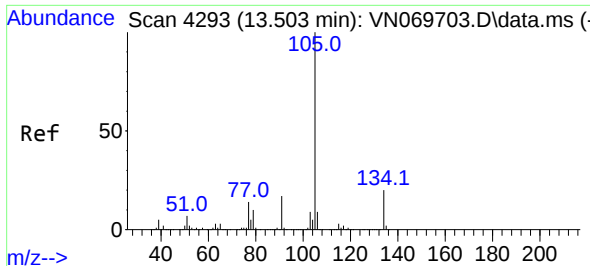


#84
1,2,4-Trimethylbenzene
Concen: 19.611 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



Tgt Ion:105 Resp: 771060
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





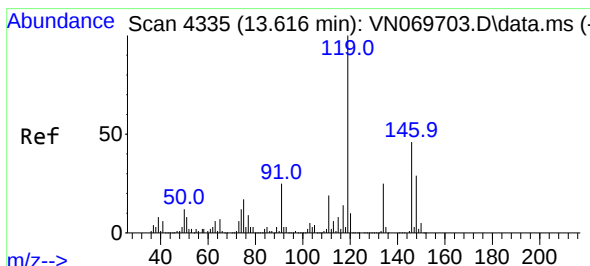
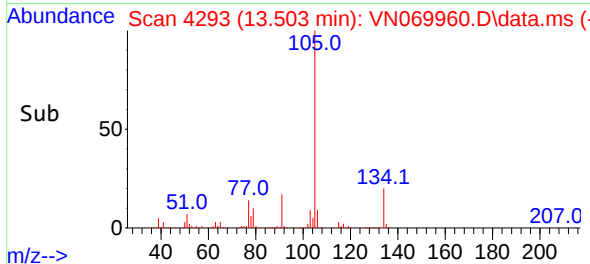
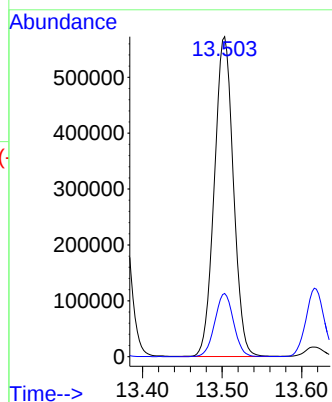
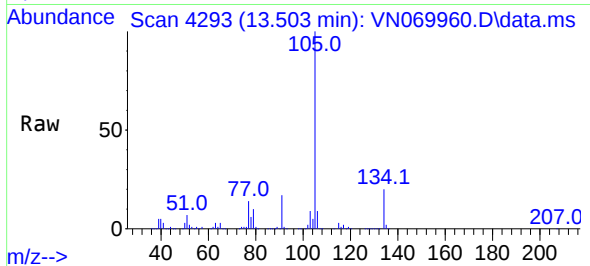
#85
 sec-Butylbenzene
 Concen: 19.186 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069960.D
 Acq: 10 Dec 2021 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Tgt Ion:105 Resp: 95133
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

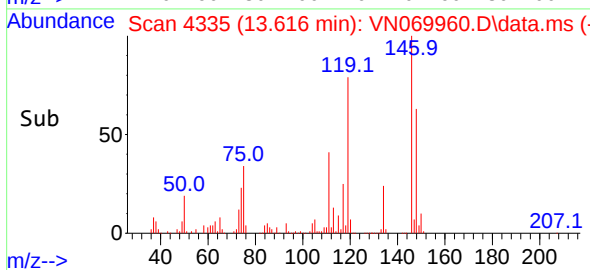
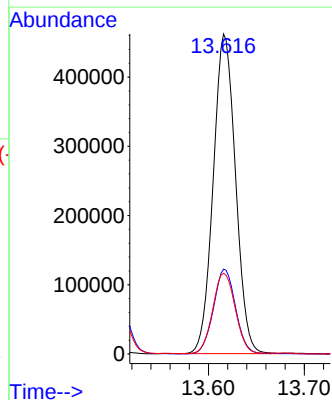
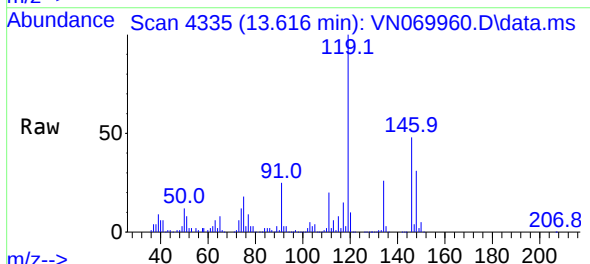
Manual Integrations
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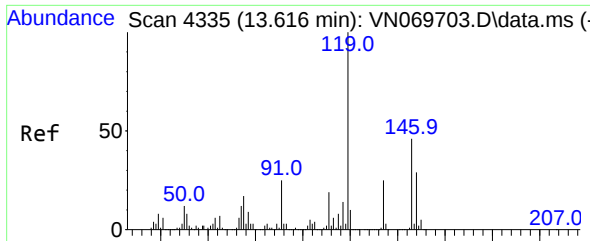
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 19.223 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069960.D
 Acq: 10 Dec 2021 15:59

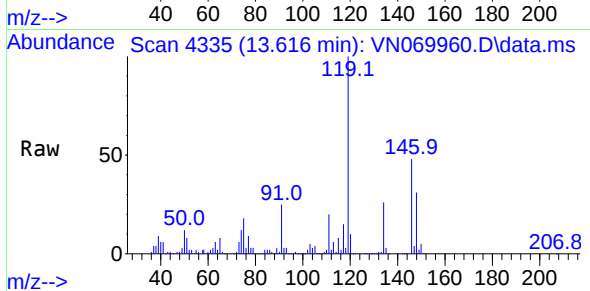
Tgt Ion:119 Resp: 745029
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.430 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

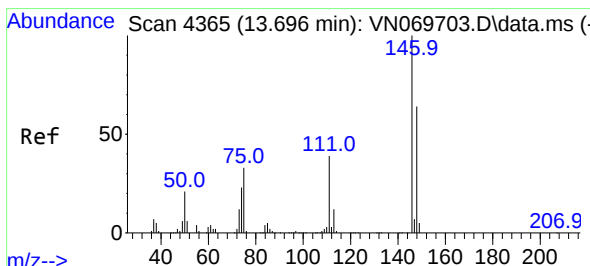
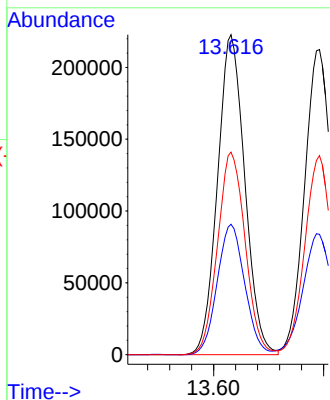
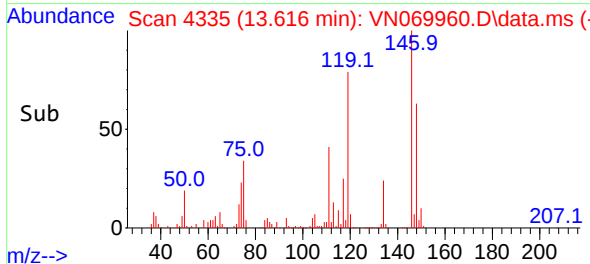
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



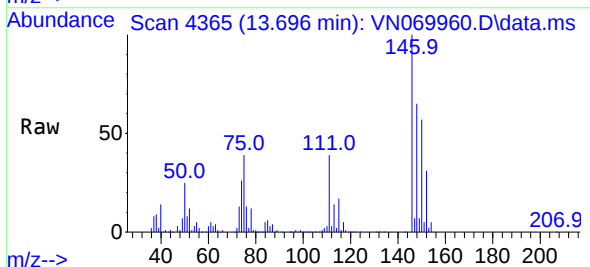
Tgt Ion:146 Resp: 384574
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
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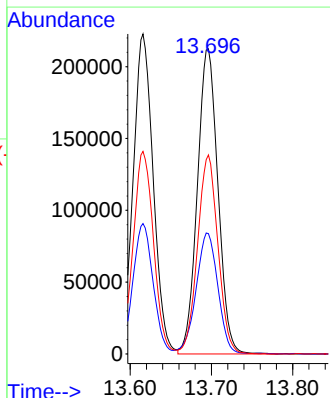
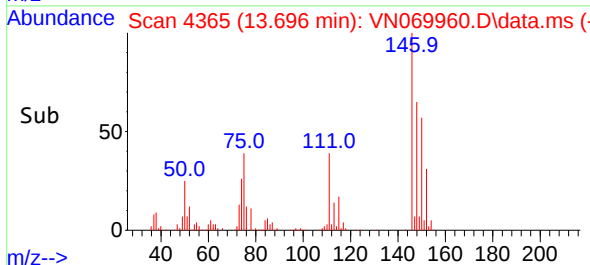
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#88
1,4-Dichlorobenzene
Concen: 19.278 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



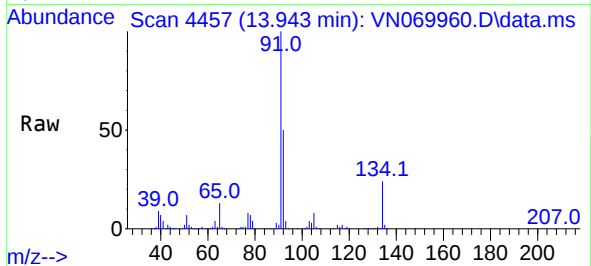
Tgt Ion:146 Resp: 374977
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 19.301 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

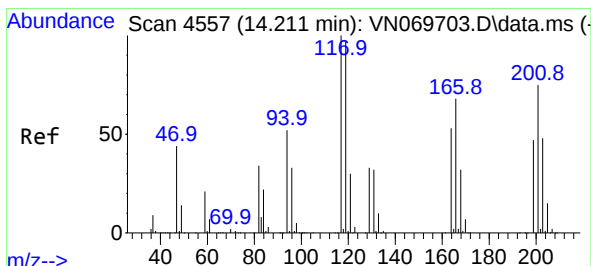
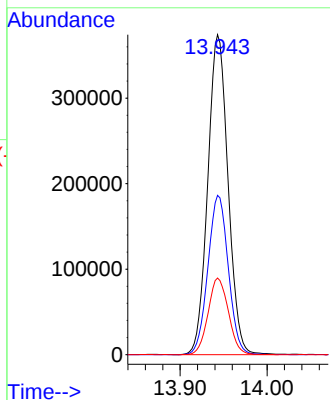
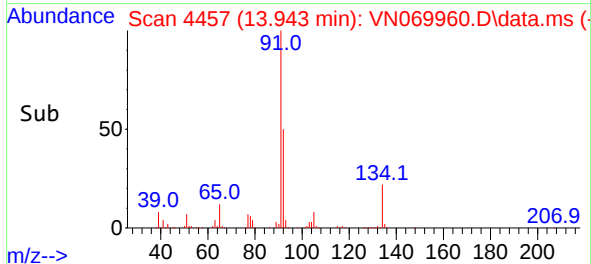
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



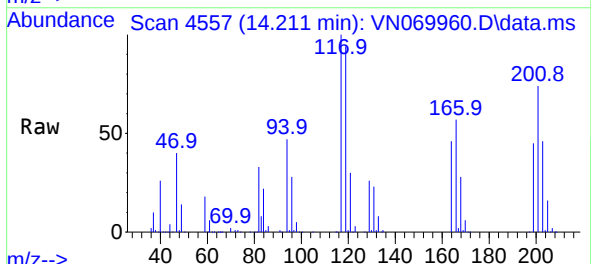
Tgt Ion: 91 Resp: 606818
Ion Ratio Lower Upper
91 100
92 50.1 25.4 76.0
134 24.0 13.6 40.8

Manual Integrations
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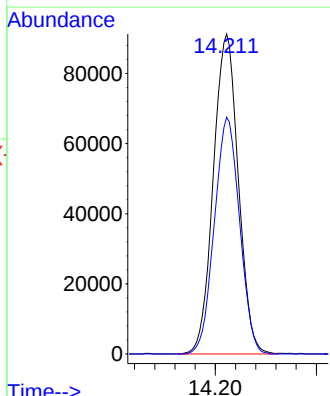
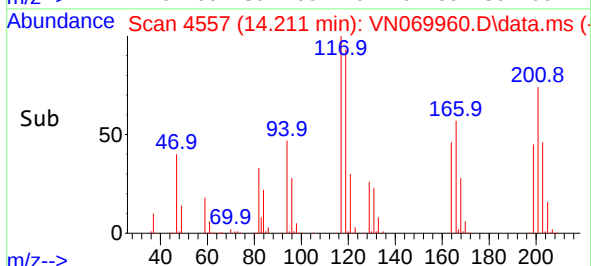
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

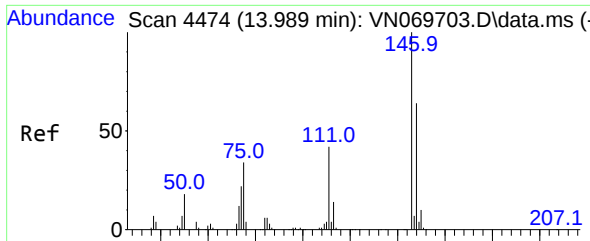


#90
Hexachloroethane
Concen: 23.005 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



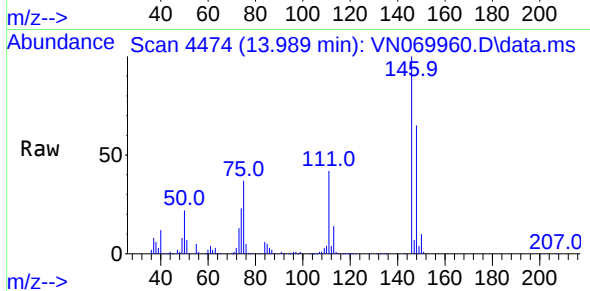
Tgt Ion:117 Resp: 156542
Ion Ratio Lower Upper
117 100
201 74.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.086 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

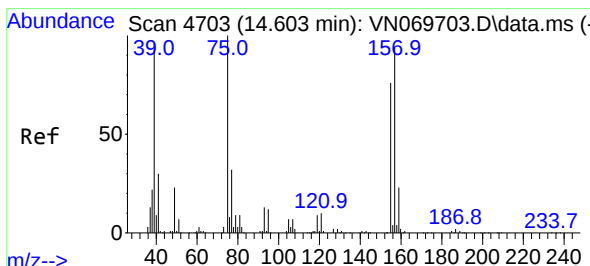
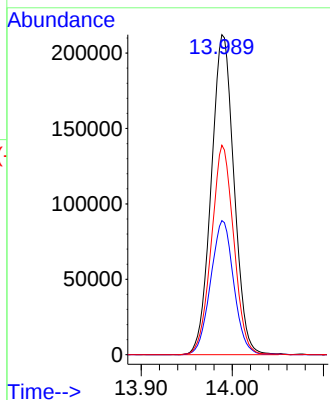
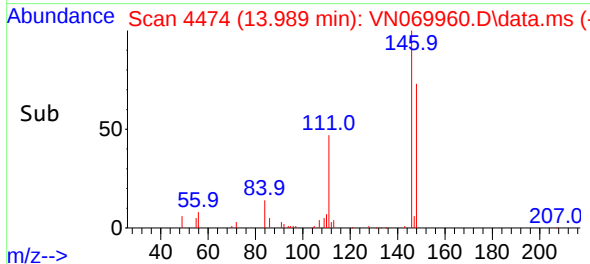
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



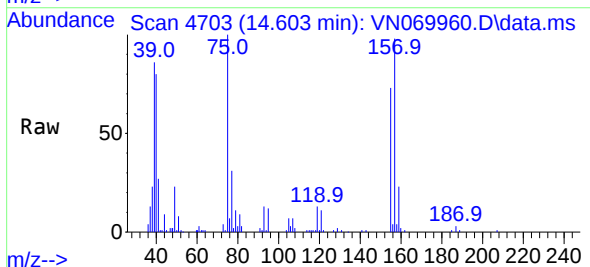
Tgt Ion:146 Resp: 36806
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 64.6 32.1 96.3

Manual Integrations
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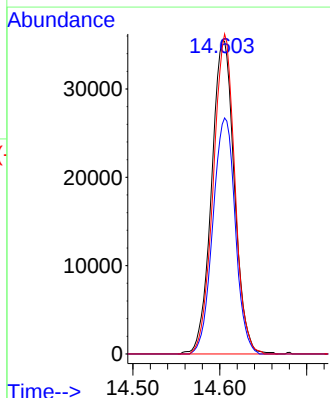
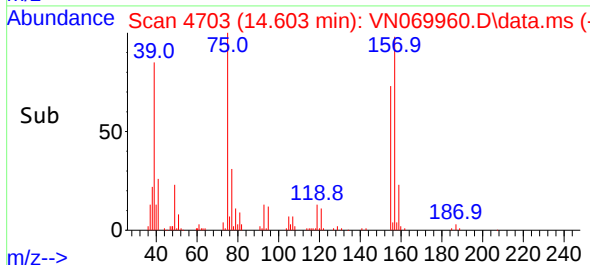
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.201 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



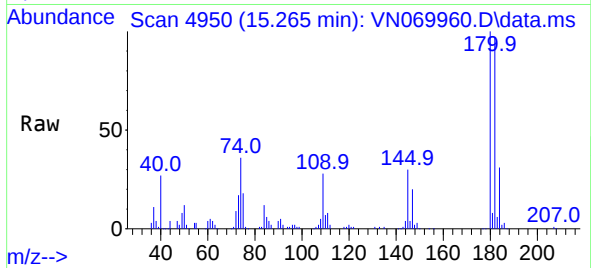
Tgt Ion: 75 Resp: 64745
Ion Ratio Lower Upper
75 100
155 73.7 46.9 140.7
157 96.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.747 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

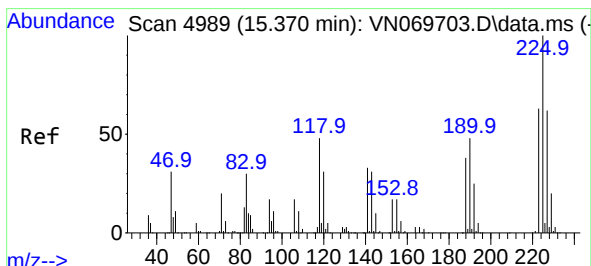
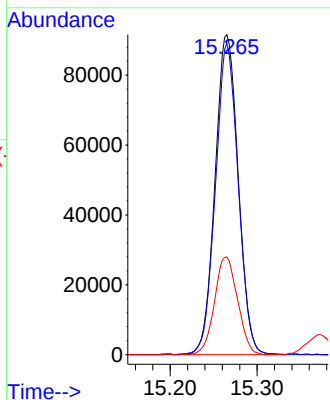
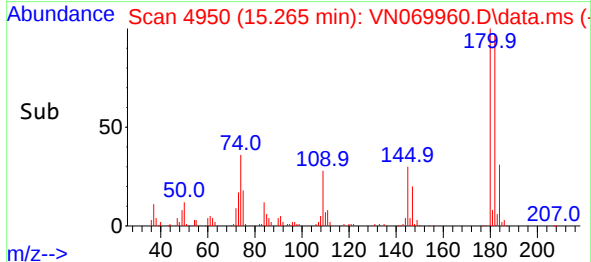
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01



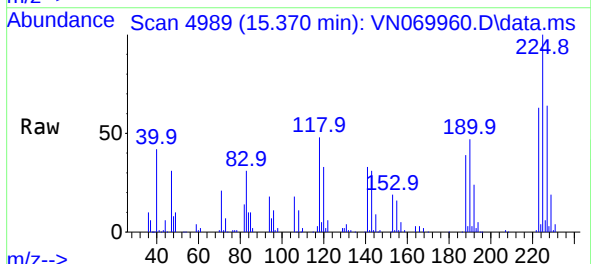
Tgt Ion:180 Resp: 169290
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
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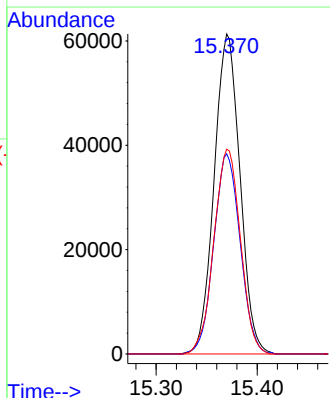
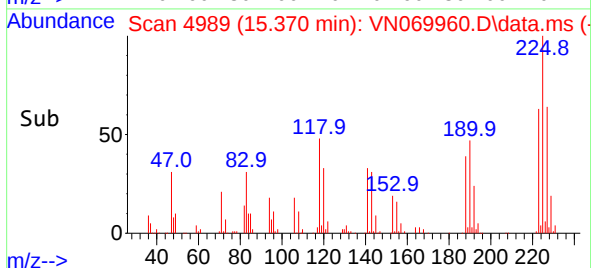
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

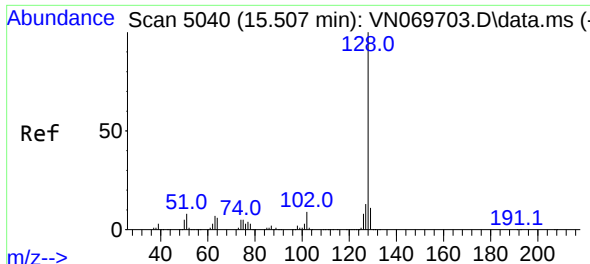


#94
Hexachlorobutadiene
Concen: 21.283 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59



Tgt Ion:225 Resp: 108775
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 65.8 32.1 96.3





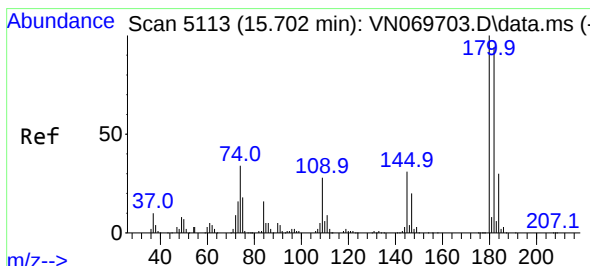
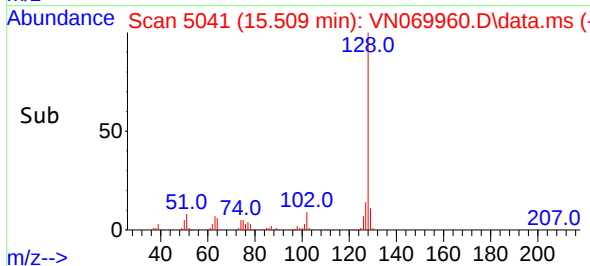
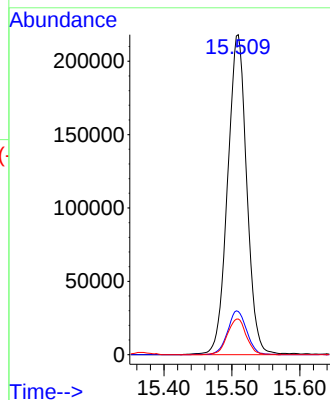
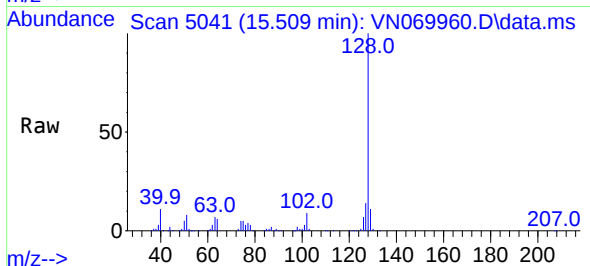
#95
Naphthalene
Concen: 17.903 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD01

Tgt Ion:128 Resp: 42606
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.143 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069960.D
Acq: 10 Dec 2021 15:59

Tgt Ion:180 Resp: 161897
Ion Ratio Lower Upper
180 100
182 96.9 47.4 142.2
145 32.5 15.0 45.1

