

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069959.D
 Acq On : 10 Dec 2021 15:25
 Operator : JC/MD
 Sample : VN1210WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Quant Time: Dec 11 05:19:01 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	970591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1564997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1432137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	612122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	748186	49.926	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.860%		
35) Dibromofluoromethane	8.021	113	518962	52.940	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.880%		
50) Toluene-d8	10.440	98	1997983	50.760	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.520%		
62) 4-Bromofluorobenzene	12.731	95	700677	49.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	212791	18.797	ug/l	100
3) Chloromethane	2.303	50	256907	18.114	ug/l	100
4) Vinyl Chloride	2.448	62	240097	18.411	ug/l	99
5) Bromomethane	2.856	94	133799	18.885	ug/l	98
6) Chloroethane	3.019	64	142914	17.884	ug/l	96
7) Trichlorofluoromethane	3.376	101	323388	18.895	ug/l	95
8) Diethyl Ether	3.824	74	125822	19.087	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	193037	20.120	ug/l	95
10) Methyl Iodide	4.419	142	227953	17.392	ug/l	97
11) Tert butyl alcohol	5.379	59	228840	80.785	ug/l	97
12) 1,1-Dichloroethene	4.181	96	176812	19.125	ug/l	91
13) Acrolein	4.041	56	208581	86.466	ug/l	96
14) Allyl chloride	4.840	41	411893	19.771	ug/l #	93
15) Acrylonitrile	5.556	53	680237	89.116	ug/l	98
16) Acetone	4.288	43	836294	92.770	ug/l	98
17) Carbon Disulfide	4.529	76	489069	20.476	ug/l	98
18) Methyl Acetate	4.856	43	495837	18.222	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	684721	19.048	ug/l	94
20) Methylene Chloride	5.095	84	221171	18.455	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	188349	18.756	ug/l #	83
22) Diisopropyl ether	6.495	45	819194	20.118	ug/l #	96
23) Vinyl Acetate	6.433	43	3318085	100.161	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	424467	20.124	ug/l	96
25) 2-Butanone	7.337	43	1069912	87.351	ug/l	92
26) 2,2-Dichloropropane	7.326	77	338669	20.650	ug/l	95
27) cis-1,2-Dichloroethene	7.326	96	230798	19.023	ug/l	85
28) Bromochloromethane	7.659	49	189657	17.291	ug/l #	75
29) Tetrahydrofuran	7.686	42	656073	88.211	ug/l	87
30) Chloroform	7.817	83	423236	19.868	ug/l	99
31) Cyclohexane	8.094	56	396750	19.024	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	361951	19.947	ug/l	95
36) 1,1-Dichloropropene	8.222	75	300483	20.169	ug/l	95
37) Ethyl Acetate	7.415	43	401730	18.117	ug/l #	94
38) Carbon Tetrachloride	8.206	117	313722	21.474	ug/l	100
39) Methylcyclohexane	9.459	83	350271	19.766	ug/l	88
40) Benzene	8.461	78	894463	19.642	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	209612	20.137	ug/l #	61
42) 1,2-Dichloroethane	8.531	62	362202	19.703	ug/l	96
43) Isopropyl Acetate	8.560	43	642890	19.592	ug/l #	93
44) Trichloroethene	9.217	130	210604	19.377	ug/l	87
45) 1,2-Dichloropropane	9.491	63	248559	20.326	ug/l	100
46) Dibromomethane	9.577	93	161770	20.171	ug/l	92
47) Bromodichloromethane	9.762	83	344488	22.687	ug/l	97
48) Methyl methacrylate	9.561	41	313556	20.476	ug/l #	80
49) 1,4-Dioxane	9.571	88	93997	342.090	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2036700	95.676	ug/l	94
52) Toluene	10.505	92	542189	19.502	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	342610	20.503	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	370328	20.544	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	222290	19.816	ug/l	95
56) Ethyl methacrylate	10.762	69	363183	18.656	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	390724	19.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	428778	87.888	ug/l	91
59) 2-Hexanone	11.087	43	1483016	92.094	ug/l	92
60) Dibromochloromethane	11.237	129	241931	21.549	ug/l	98
61) 1,2-Dibromoethane	11.347	107	224379	19.312	ug/l	99
64) Tetrachloroethene	10.977	164	179911	18.527	ug/l	93
65) Chlorobenzene	11.771	112	573988	19.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	222758	21.783	ug/l	99
67) Ethyl Benzene	11.846	91	1065292	20.185	ug/l	95
68) m/p-Xylenes	11.953	106	785155	40.859	ug/l	93
69) o-Xylene	12.280	106	378985	19.580	ug/l	90
70) Styrene	12.294	104	619574	20.187	ug/l	96
71) Bromoform	12.457	173	179099	22.090	ug/l #	98
73) Isopropylbenzene	12.578	105	1013529	18.610	ug/l	98
74) N-amyl acetate	12.387	43	446786	18.550	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	348661	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	284752m	16.221	ug/l	
77) Bromobenzene	12.859	156	235106	18.379	ug/l	77
78) n-propylbenzene	12.921	91	1172795	19.352	ug/l	96
79) 2-Chlorotoluene	13.010	91	707317	18.471	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	832260	18.986	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	96369	20.569	ug/l	95
82) 4-Chlorotoluene	13.106	91	691009	19.188	ug/l	92
83) tert-Butylbenzene	13.323	119	717008	18.473	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	800953	19.186	ug/l	98
85) sec-Butylbenzene	13.503	105	1003776	19.065	ug/l	97
86) p-Isopropyltoluene	13.616	119	797298	19.374	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	411783	19.594	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	399145	19.327	ug/l	96
89) n-Butylbenzene	13.943	91	652559	19.548	ug/l	98
90) Hexachloroethane	14.211	117	162175	22.445	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	395946	19.336	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	65537	19.258	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	179112	19.686	ug/l	100
94) Hexachlorobutadiene	15.370	225	117705	21.690	ug/l	99
95) Naphthalene	15.507	128	443764	17.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	172873	19.237	ug/l	98

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ClientSampleId :
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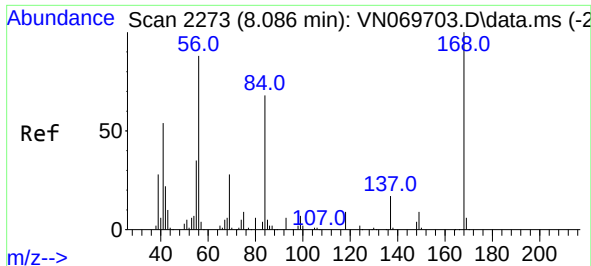
Manual Integrations
APPROVED

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

Quant Time: Dec 11 05:19:01 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



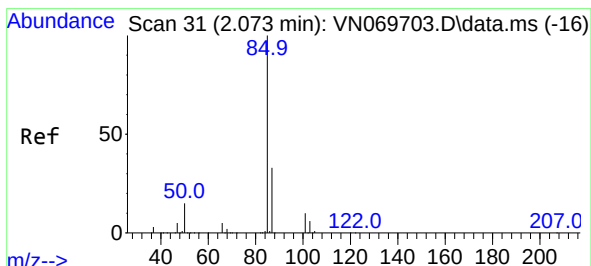
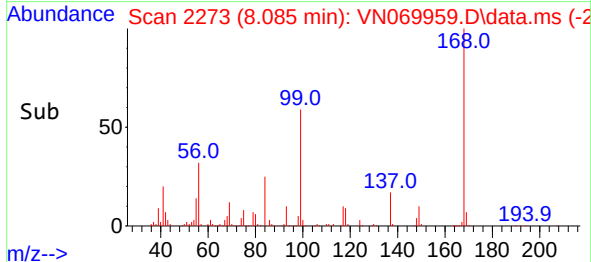
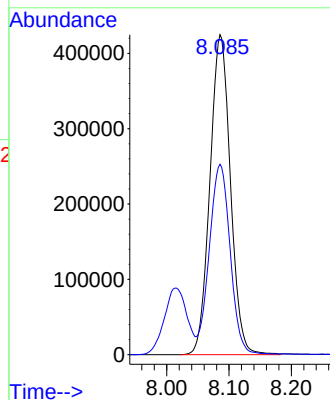
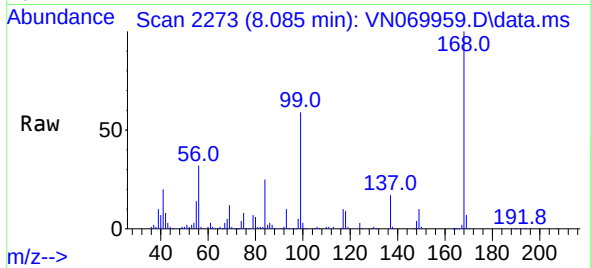
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:168 Resp: 97059
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9

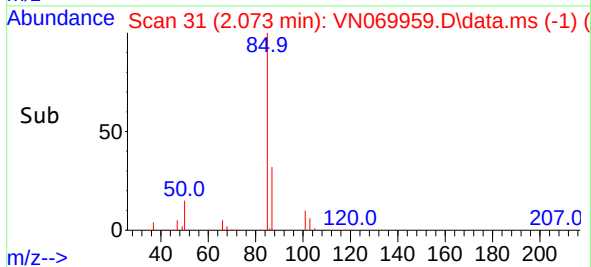
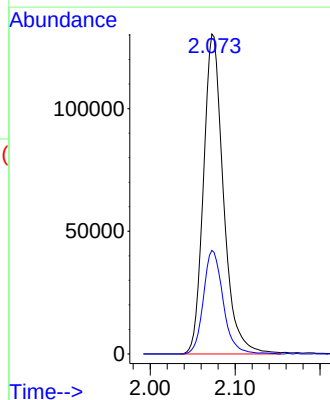
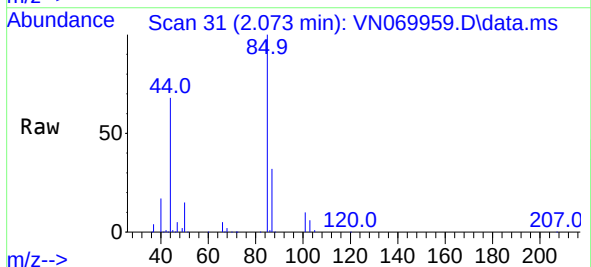
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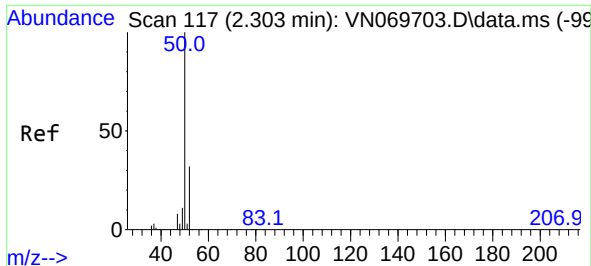
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#2
Dichlorodifluoromethane
Concen: 18.797 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

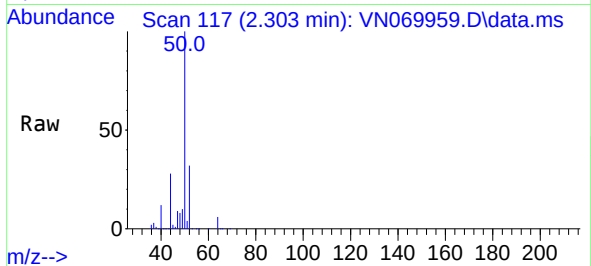
Tgt Ion: 85 Resp: 212791
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 18.114 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

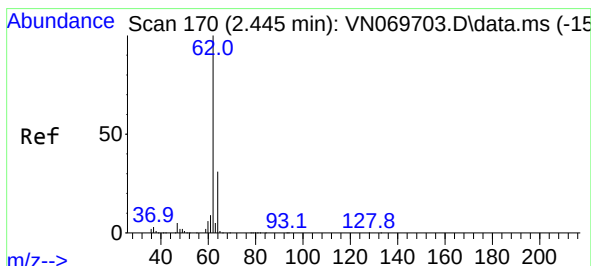
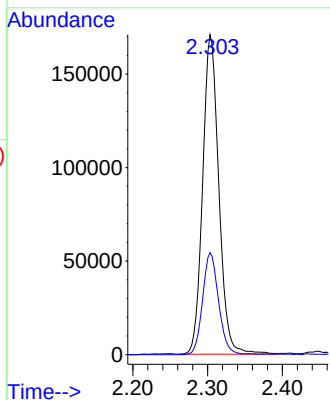
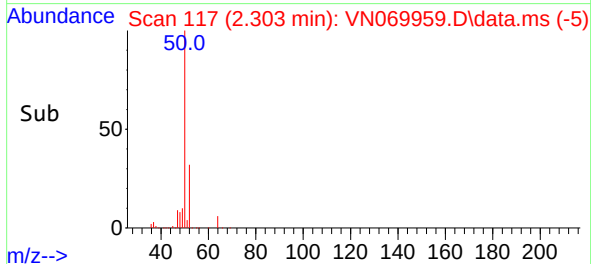
Instrument :
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ClientSampleId :
VN1210WBS01



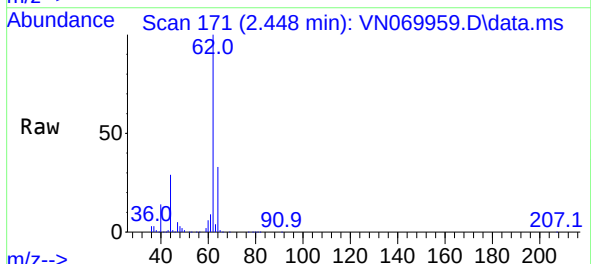
Tgt Ion: 50 Resp: 256907
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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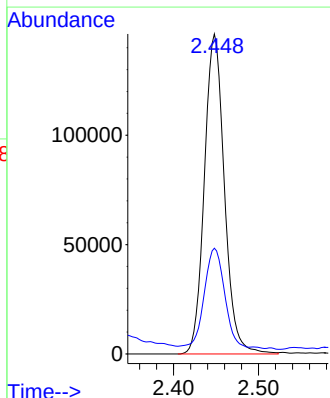
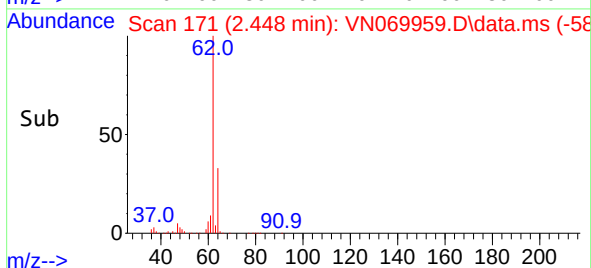
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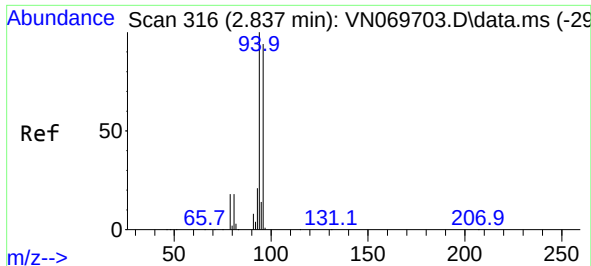


#4
Vinyl Chloride
Concen: 18.411 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



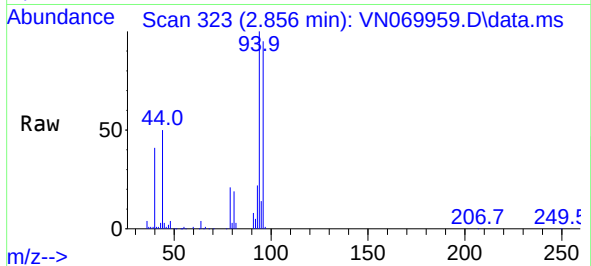
Tgt Ion: 62 Resp: 240097
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 18.885 ug/l
RT: 2.856 min Scan# 316
Delta R.T. 0.019 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

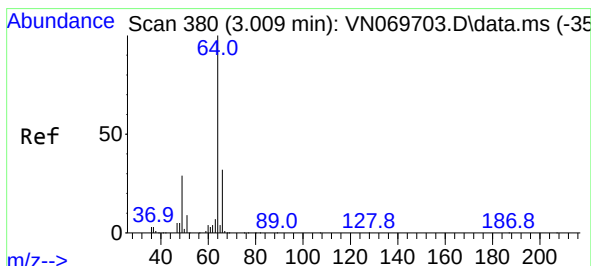
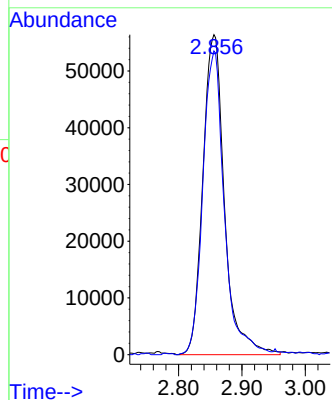
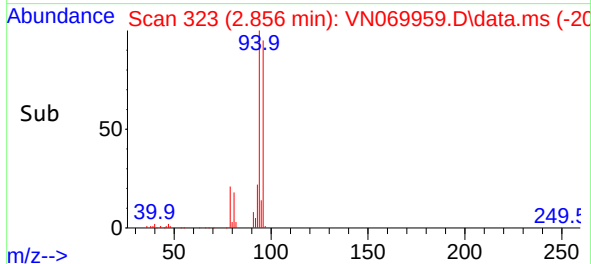
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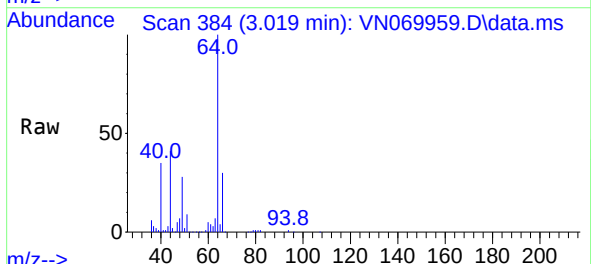
Tgt Ion: 94 Resp: 133799
Ion Ratio Lower Upper
94 100
96 94.6 73.8 110.8

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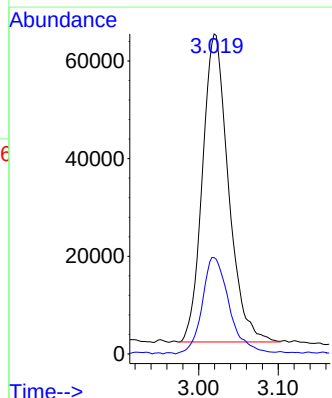
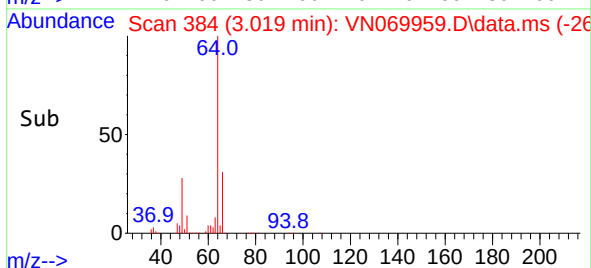
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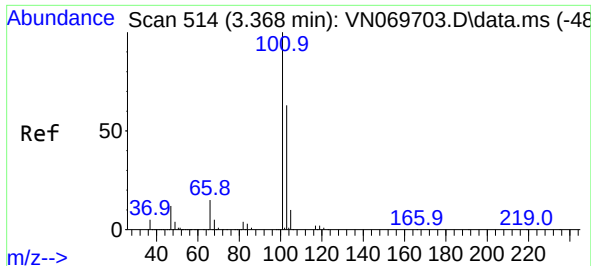


#6
Chloroethane
Concen: 17.884 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion: 64 Resp: 142914
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5





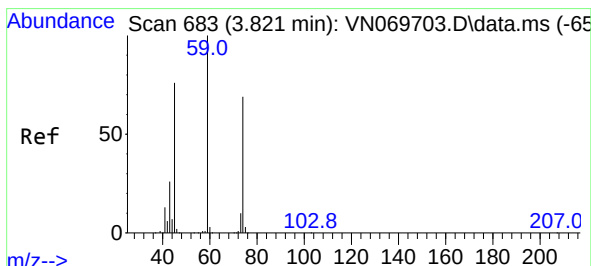
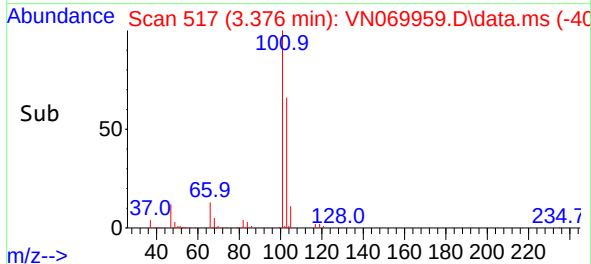
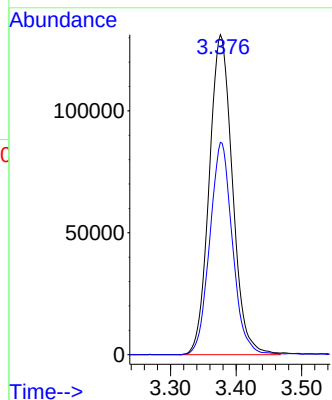
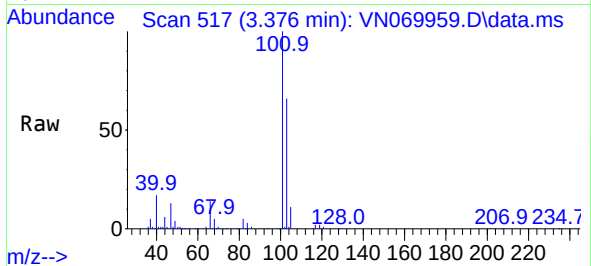
#7
Trichlorofluoromethane
Concen: 18.895 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:101 Resp: 32338
Ion Ratio Lower Upper
101 100
103 66.4 50.1 75.1

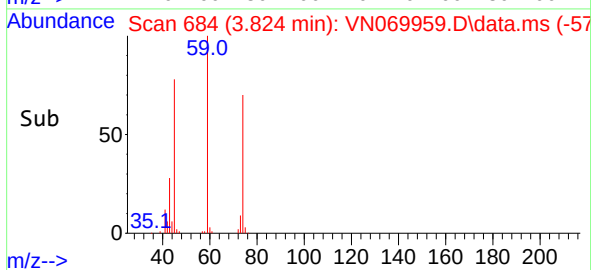
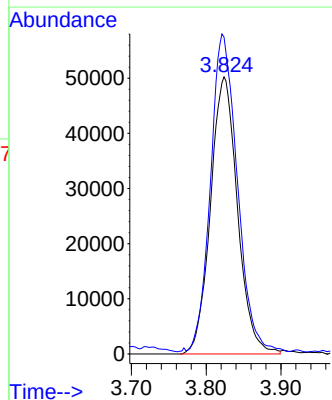
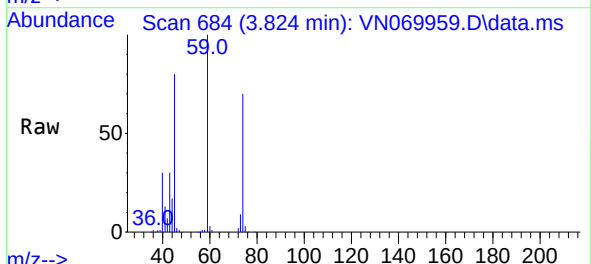
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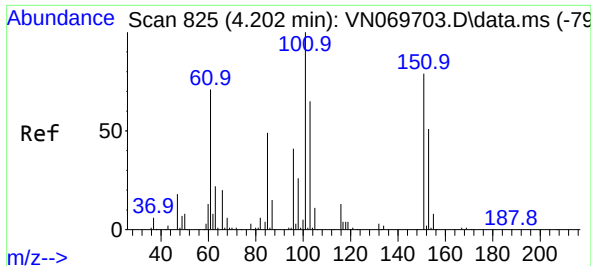
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#8
Diethyl Ether
Concen: 19.087 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069959.D
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Tgt Ion: 74 Resp: 125822
Ion Ratio Lower Upper
74 100
45 113.5 47.0 141.2





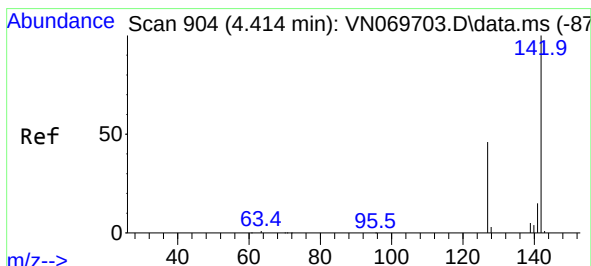
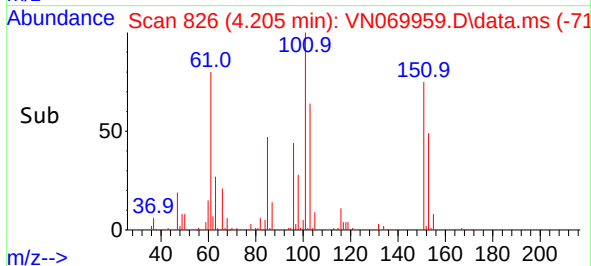
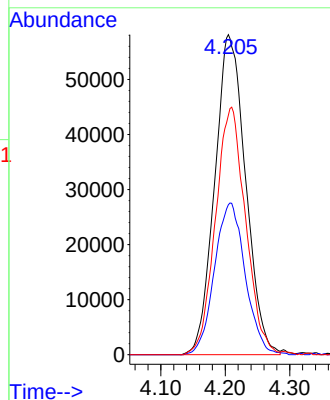
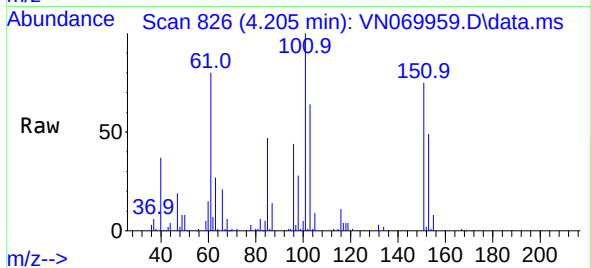
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1,1,2-Trichlorotrifluoroethane
Concen: 20.120 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:101 Resp: 19303
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 75.5 65.9 98.9

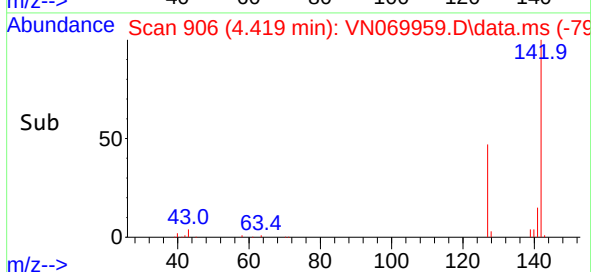
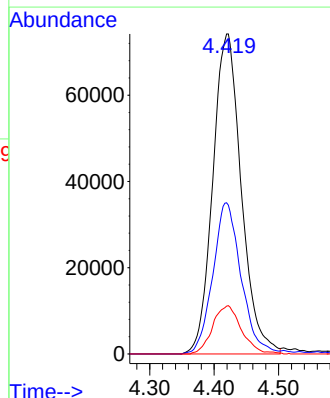
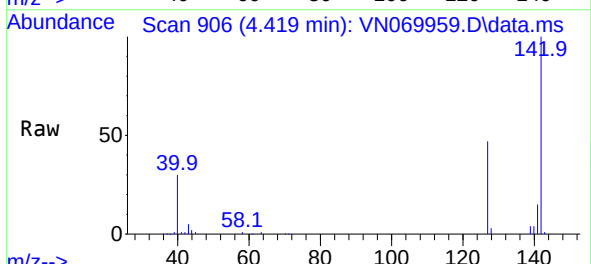
Manual Integrations
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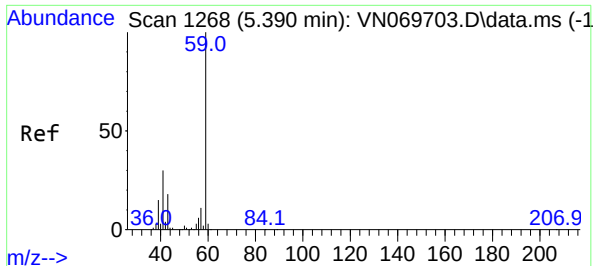
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 17.392 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

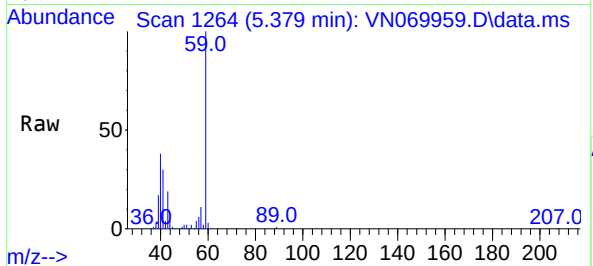
Tgt Ion:142 Resp: 227953
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.0
141 15.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 80.785 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

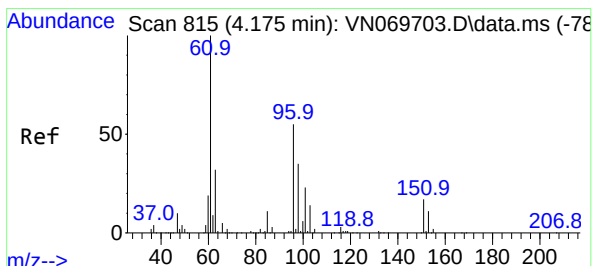
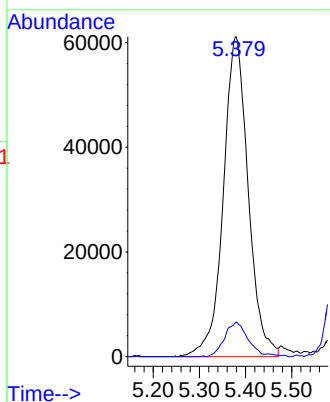
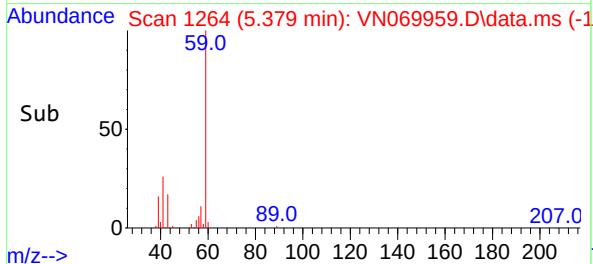
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



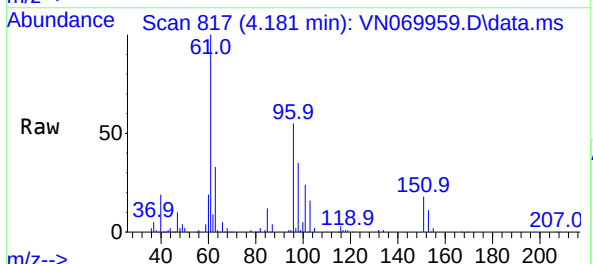
Tgt Ion: 59 Resp: 228840
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1

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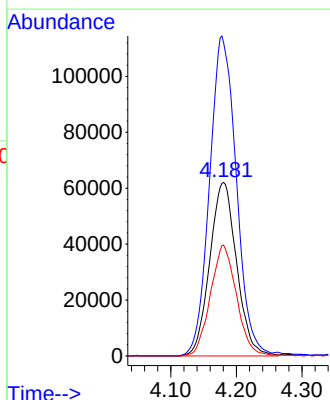
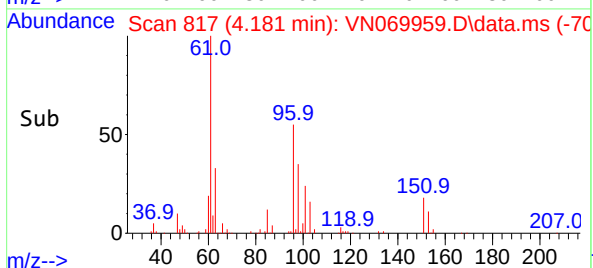
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

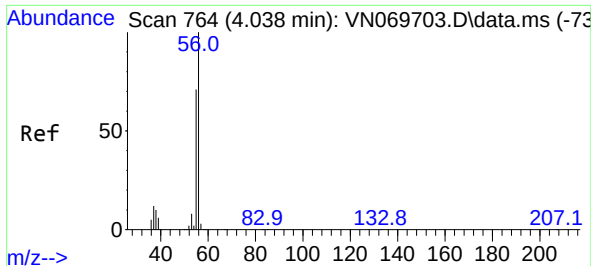


#12
1,1-Dichloroethene
Concen: 19.125 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



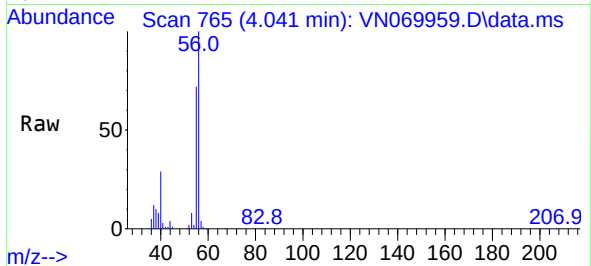
Tgt Ion: 96 Resp: 176812
Ion Ratio Lower Upper
96 100
61 180.4 131.0 196.6
98 63.9 52.4 78.6





#13
Acrolein
Concen: 86.466 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

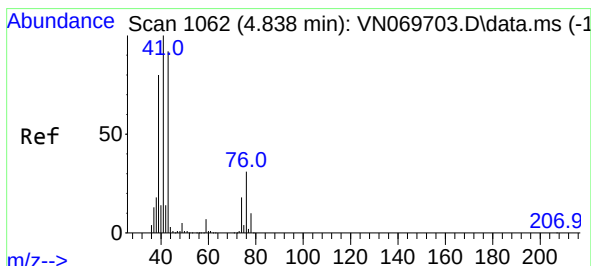
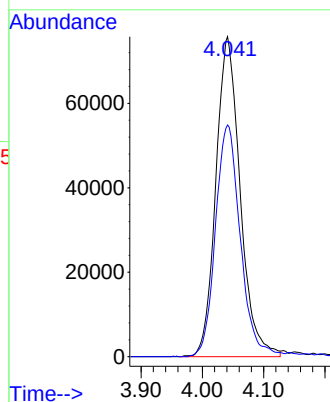
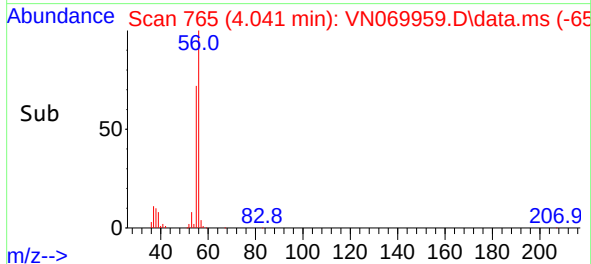
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



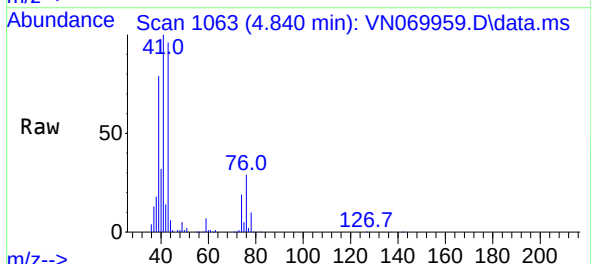
Tgt Ion: 56 Resp: 20858
Ion Ratio Lower Upper
56 100
55 74.0 56.6 85.0

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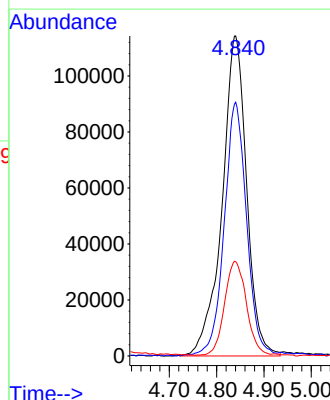
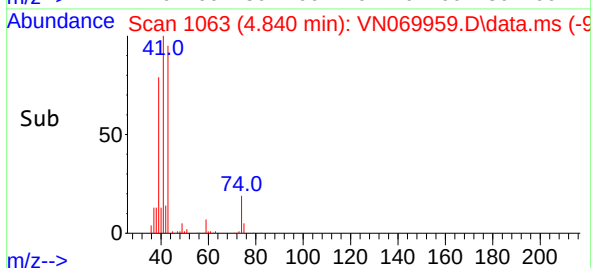
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

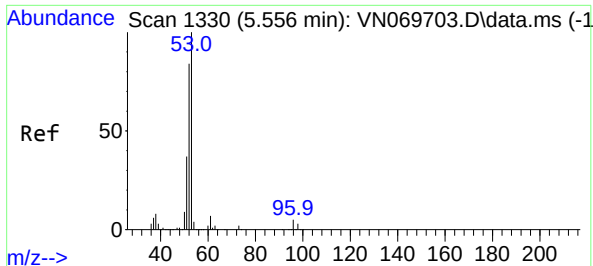


#14
Allyl chloride
Concen: 19.771 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



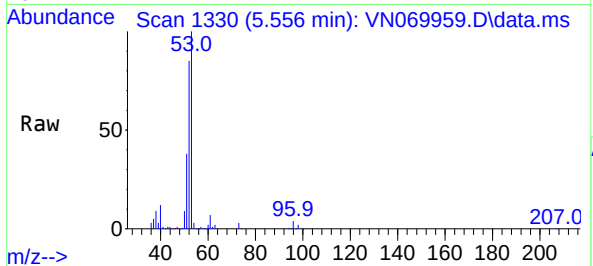
Tgt Ion: 41 Resp: 411893
Ion Ratio Lower Upper
41 100
39 72.3 61.2 91.8
76 26.0 26.0 39.0#





#15
Acrylonitrile
Concen: 89.116 ug/l
RT: 5.556 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

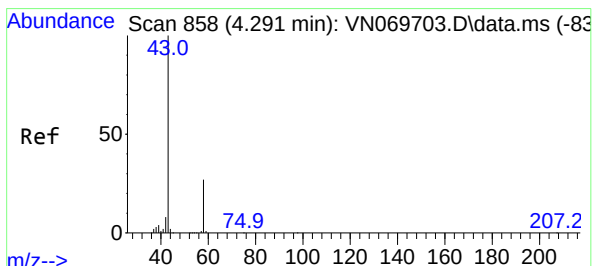
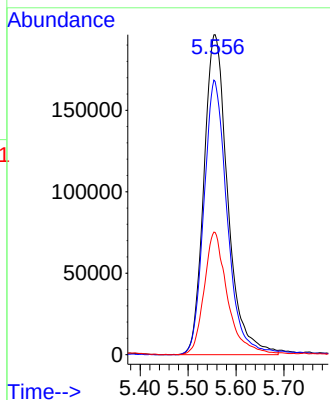
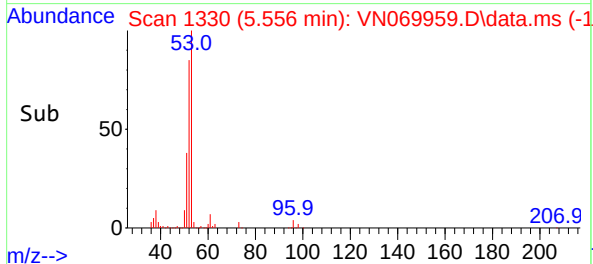
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



Tgt Ion: 53 Resp: 68023
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.9 29.6 44.4

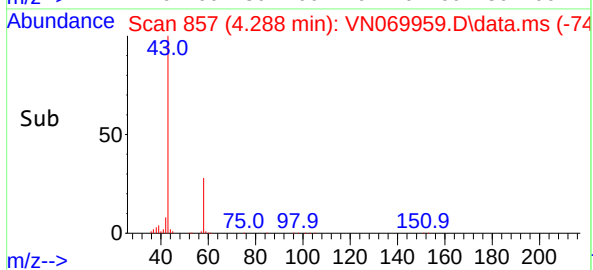
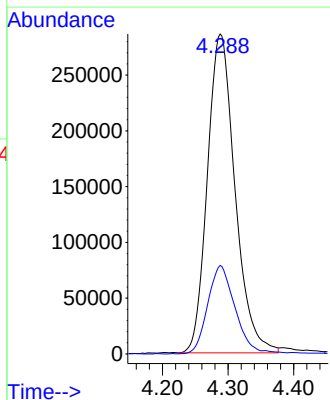
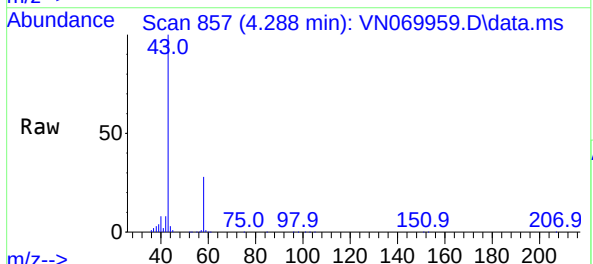
Manual Integrations
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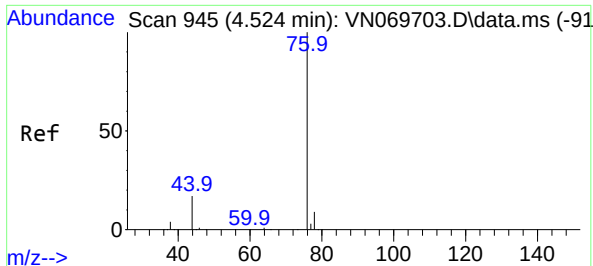
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 92.770 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Tgt Ion: 43 Resp: 836294
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7





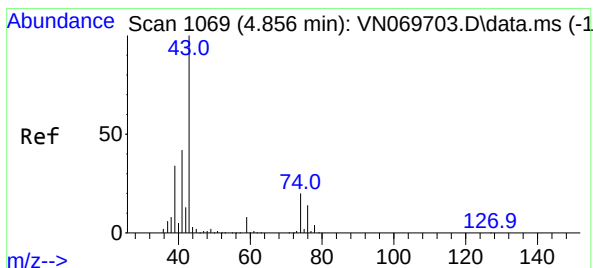
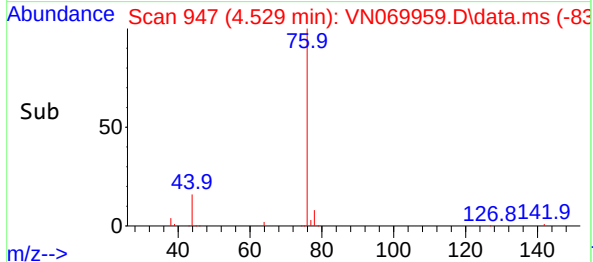
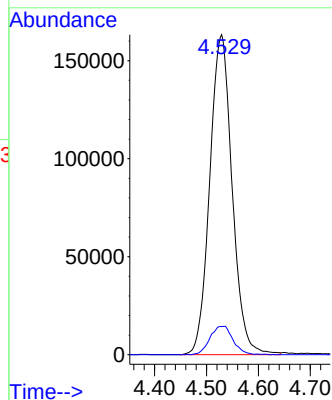
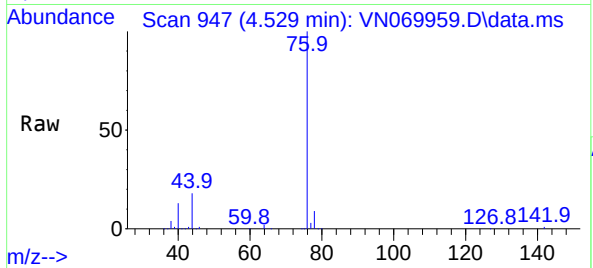
#17
Carbon Disulfide
Concen: 20.476 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion: 76 Resp: 489069
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

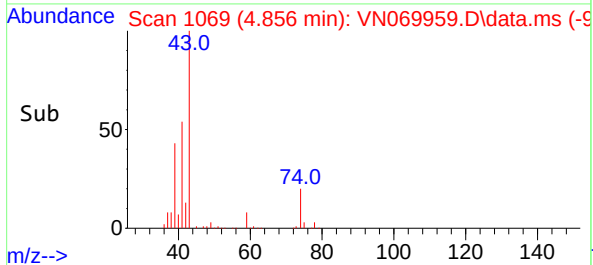
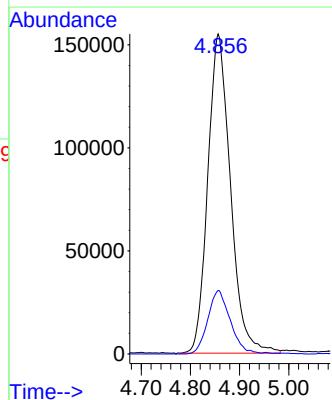
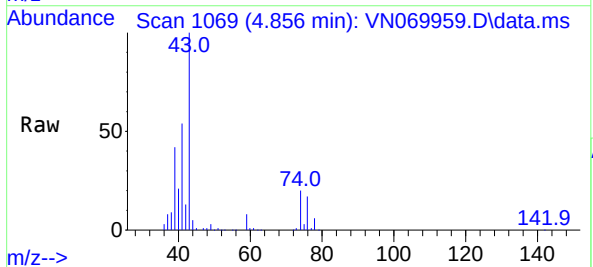
Manual Integrations
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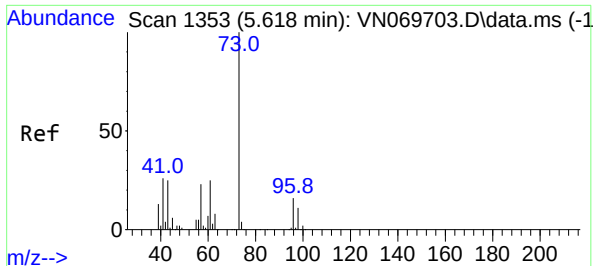
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#18
Methyl Acetate
Concen: 18.222 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Tgt Ion: 43 Resp: 495837
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





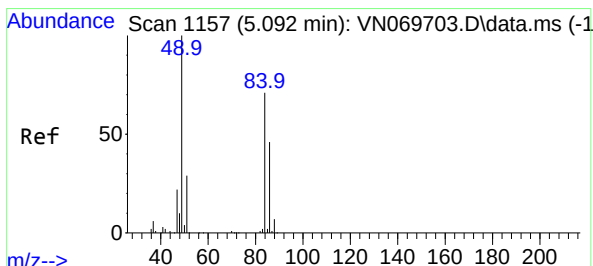
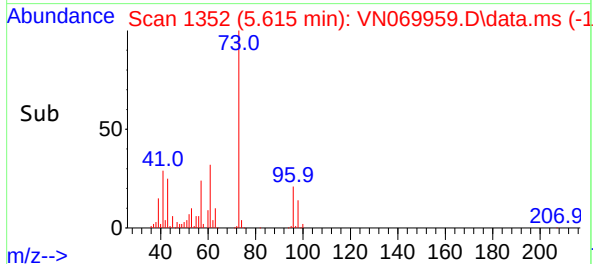
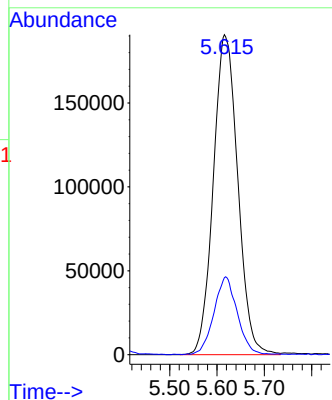
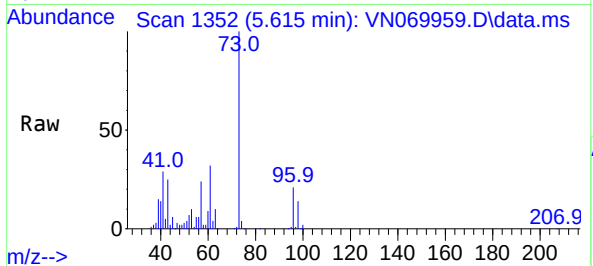
#19
Methyl tert-butyl Ether
Concen: 19.048 ug/l
RT: 5.615 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion: 73 Resp: 68472
Ion Ratio Lower Upper
73 100
57 23.9 16.8 25.2

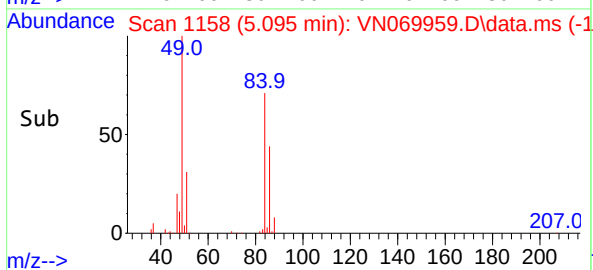
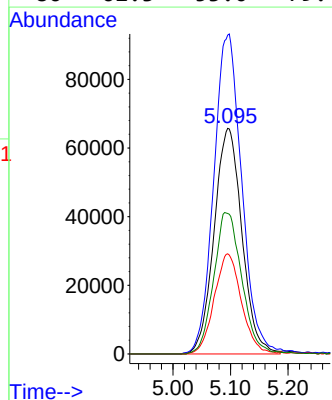
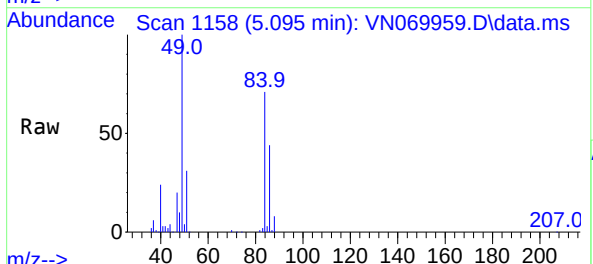
Manual Integrations
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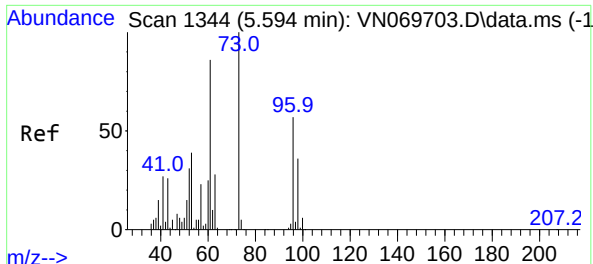
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 18.455 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

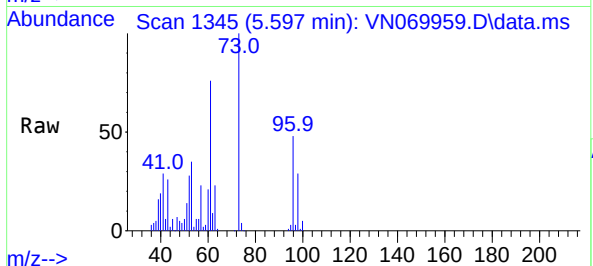
Tgt Ion: 84 Resp: 221171
Ion Ratio Lower Upper
84 100
49 141.3 93.5 140.3#
51 44.4 29.4 44.2#
86 62.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.756 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

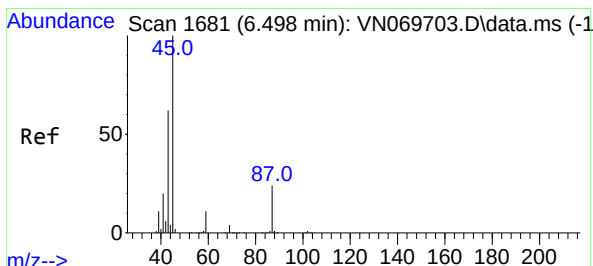
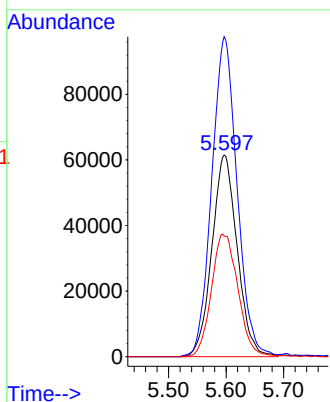
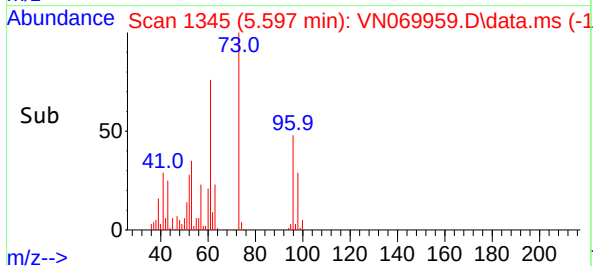
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



Tgt Ion: 96 Resp: 188349
Ion Ratio Lower Upper
96 100
61 158.7 105.8 158.6
98 59.9 52.0 78.0

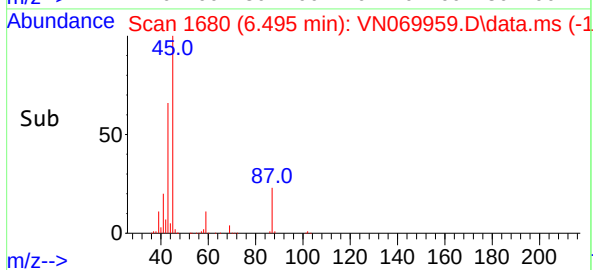
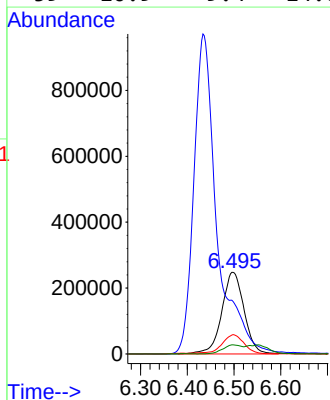
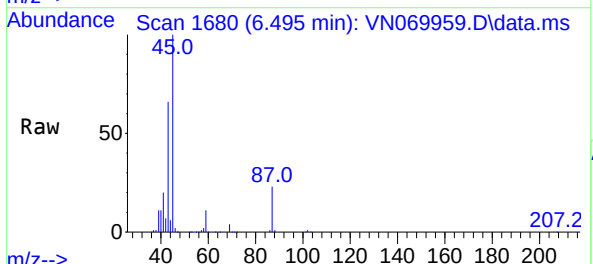
Manual Integrations
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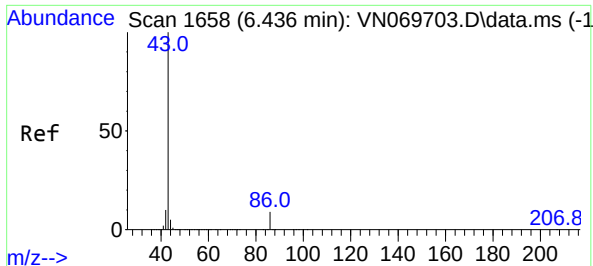
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 20.118 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

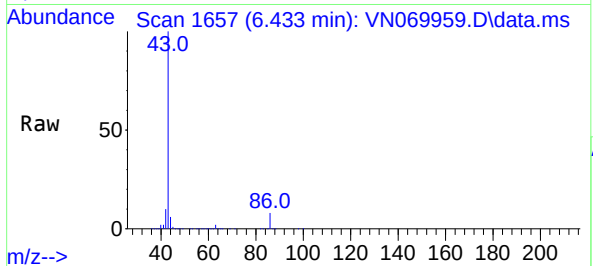
Tgt Ion: 45 Resp: 819194
Ion Ratio Lower Upper
45 100
43 63.3 51.7 77.5
87 23.0 23.2 34.8#
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 100.161 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069959.D
 Acq: 10 Dec 2021 15:25

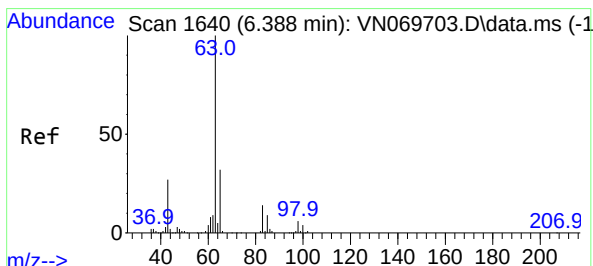
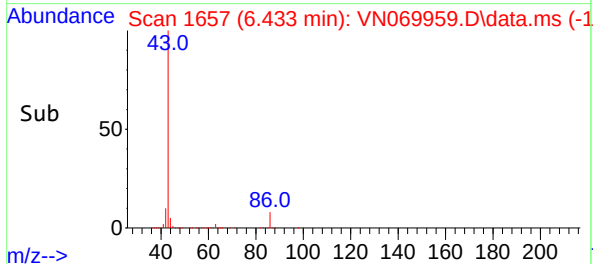
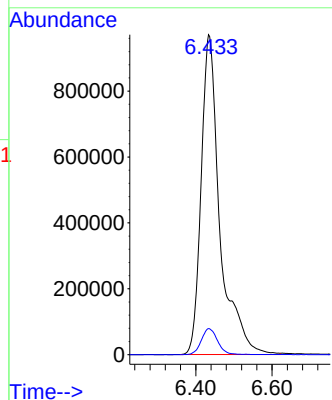
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01



Tgt Ion: 43 Resp: 331808
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

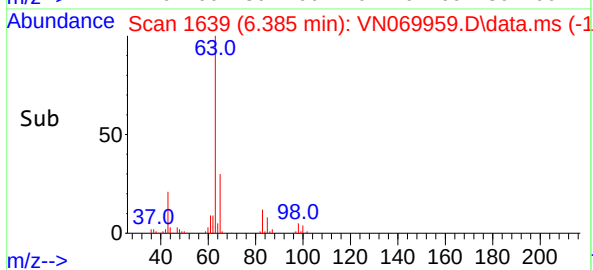
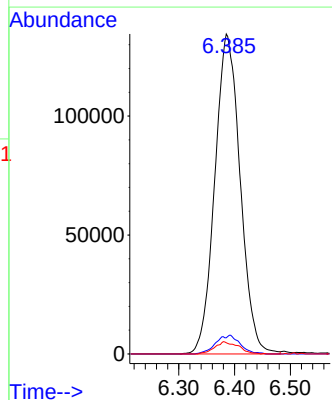
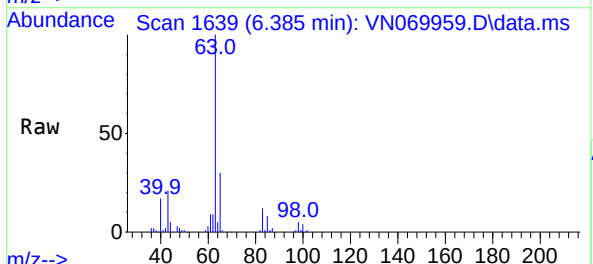
Manual Integrations
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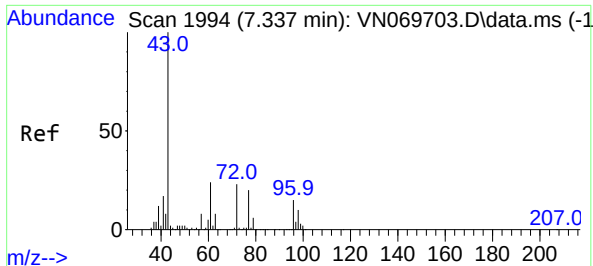
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 20.124 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069959.D
 Acq: 10 Dec 2021 15:25

Tgt Ion: 63 Resp: 424467
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 87.351 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN069959.D

Acq: 10 Dec 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 43 Resp: 106991

Ion Ratio Lower Upper

43 100

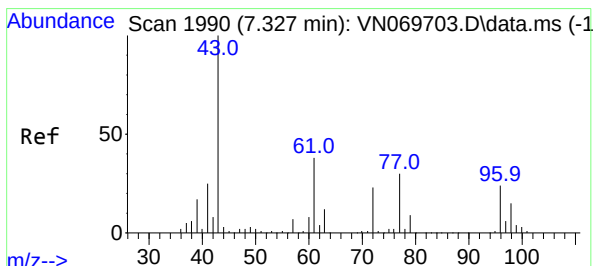
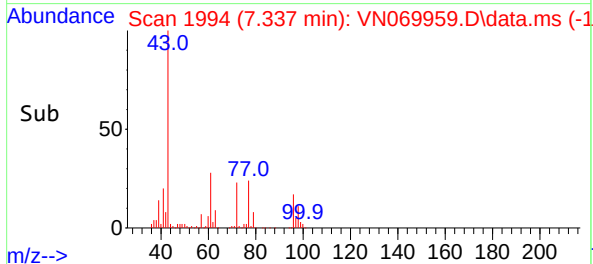
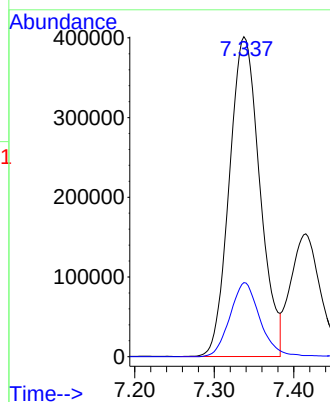
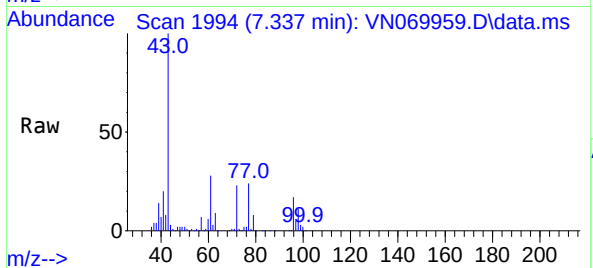
72 23.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#26

2,2-Dichloropropane

Concen: 20.650 ug/l

RT: 7.326 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069959.D

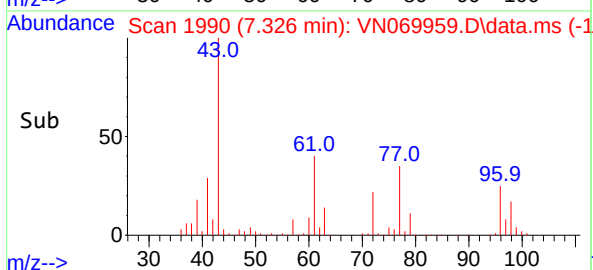
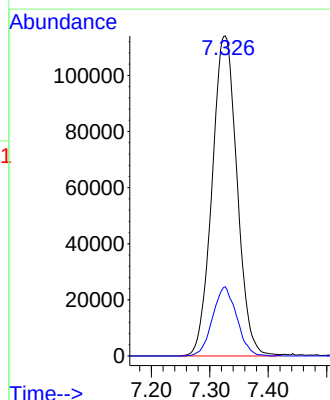
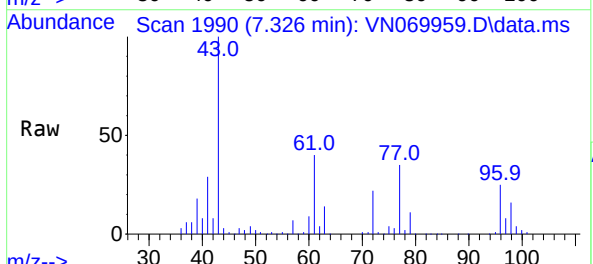
Acq: 10 Dec 2021 15:25

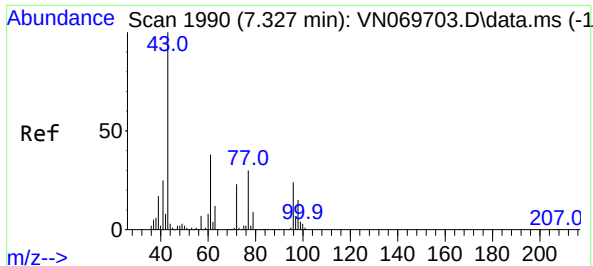
Tgt Ion: 77 Resp: 338669

Ion Ratio Lower Upper

77 100

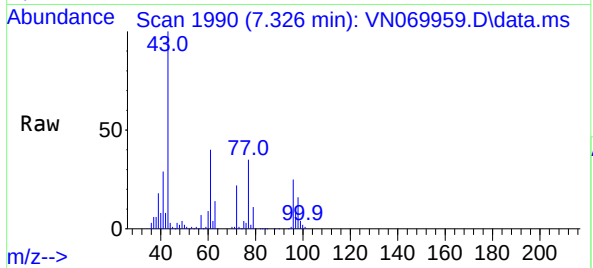
97 20.9 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.023 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

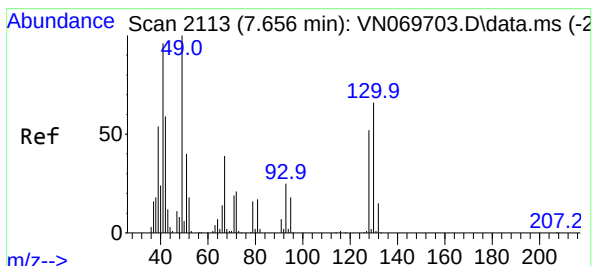
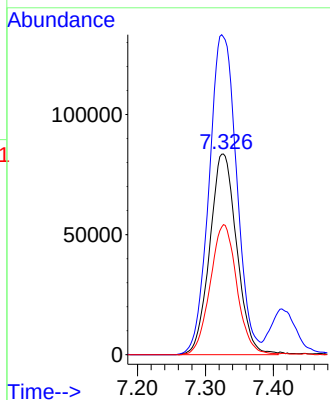
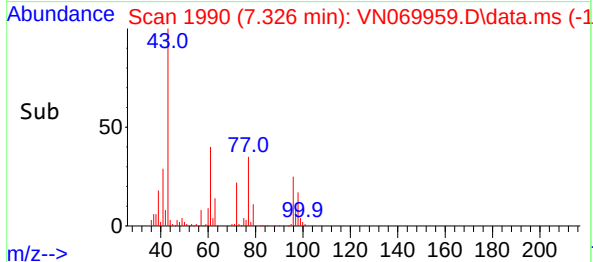
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



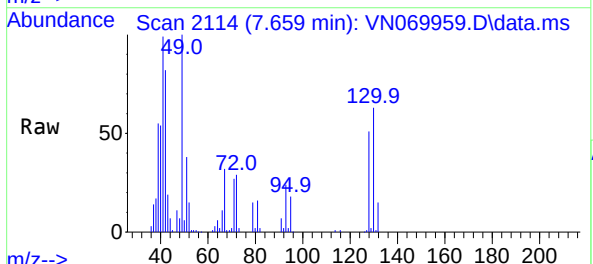
Tgt Ion: 96 Resp: 230798
Ion Ratio Lower Upper
96 100
61 163.0 0.0 275.0
98 64.1 0.0 129.6

Manual Integrations
APPROVED

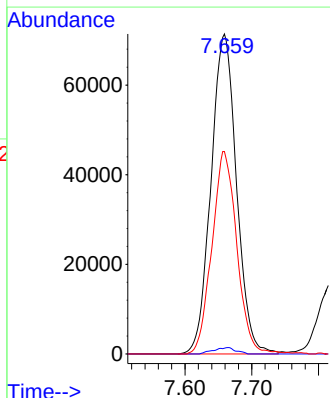
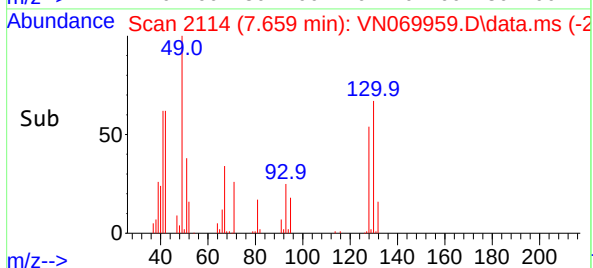
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

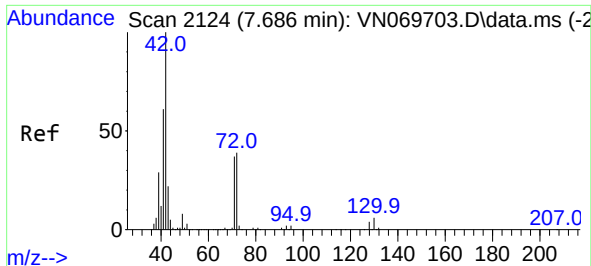


#28
Bromochloromethane
Concen: 17.291 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion: 49 Resp: 189657
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 61.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 88.211 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069959.D

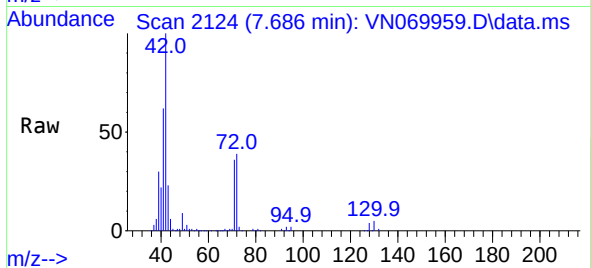
Acq: 10 Dec 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01



Tgt Ion: 42 Resp: 65607

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

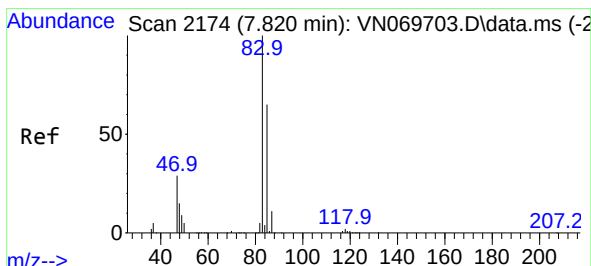
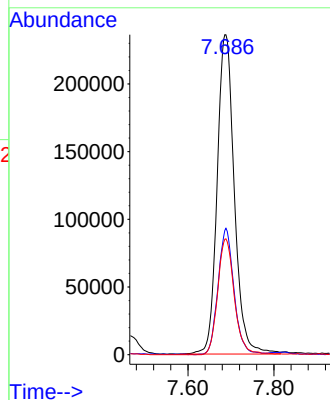
71 34.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 19.868 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069959.D

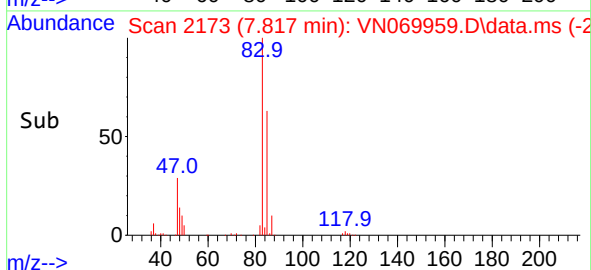
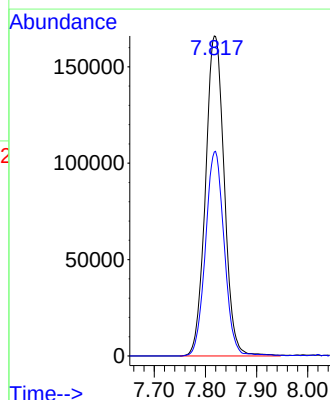
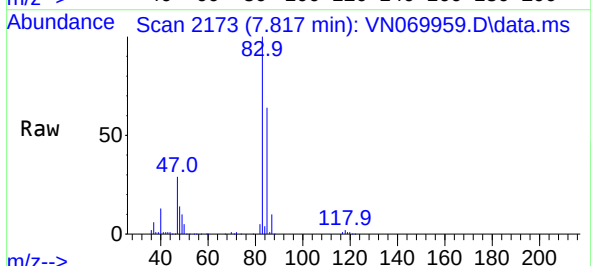
Acq: 10 Dec 2021 15:25

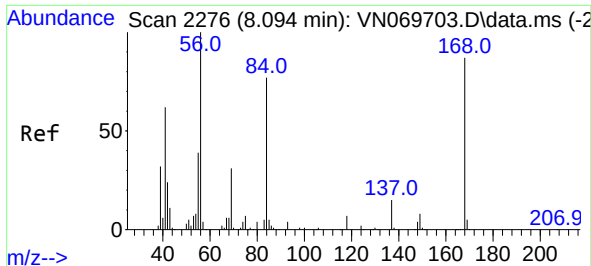
Tgt Ion: 83 Resp: 423236

Ion Ratio Lower Upper

83 100

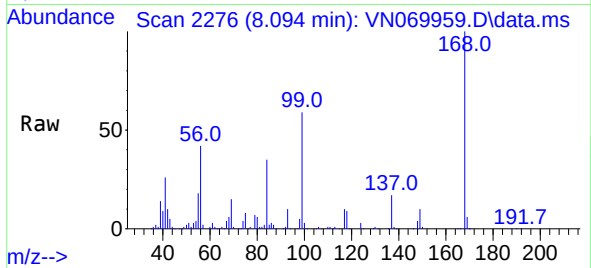
85 63.7 51.9 77.9





#31
Cyclohexane
Concen: 19.024 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

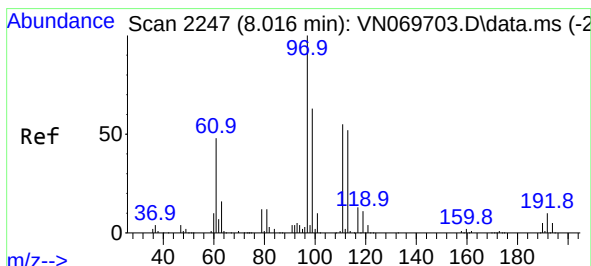
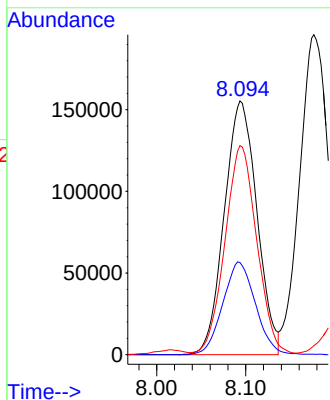
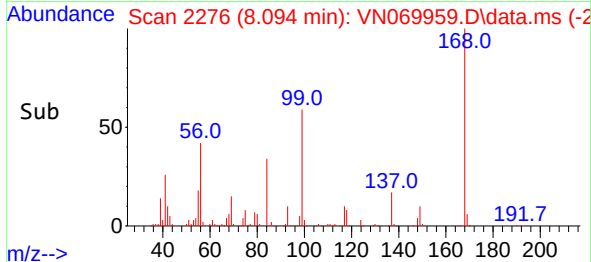
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



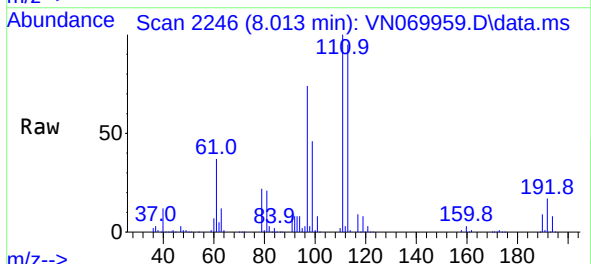
Tgt Ion: 56 Resp: 396750
Ion Ratio Lower Upper
56 100
69 36.3 27.1 40.7
84 80.7 73.4 110.0

Manual Integrations
APPROVED

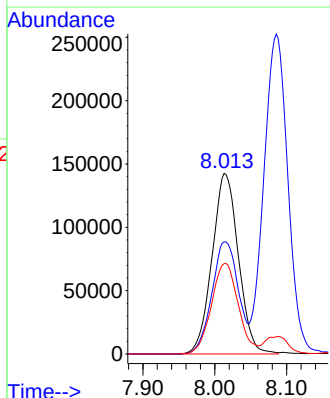
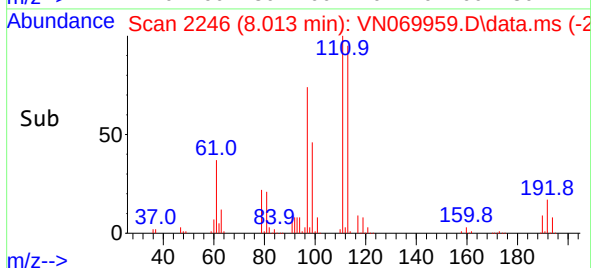
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

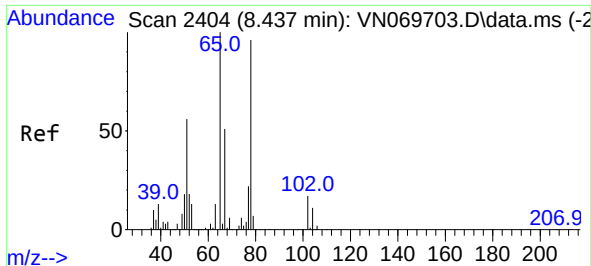


#32
1,1,1-Trichloroethane
Concen: 19.947 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion: 97 Resp: 361951
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 51.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.926 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN069959.D

Acq: 10 Dec 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 65 Resp: 748180

Ion Ratio Lower Upper

65 100

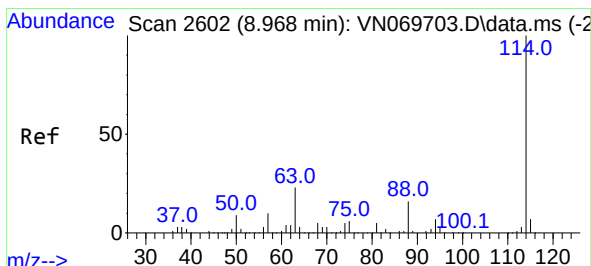
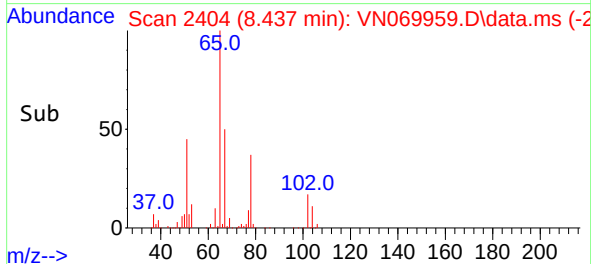
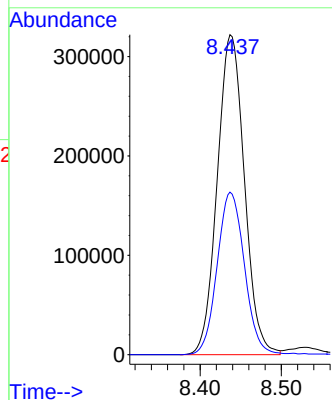
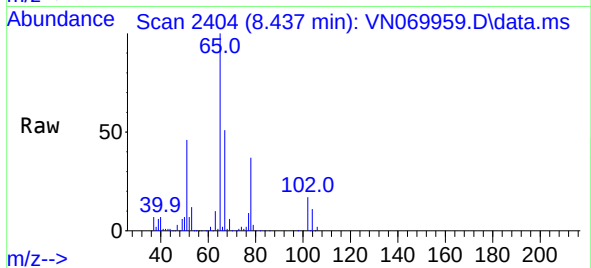
67 50.9 0.0 103.0

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: VN069959.D

Acq: 10 Dec 2021 15:25

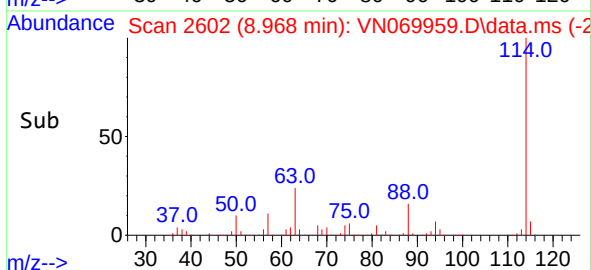
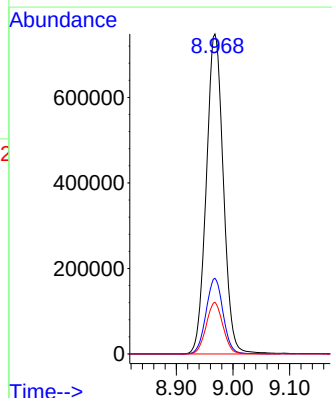
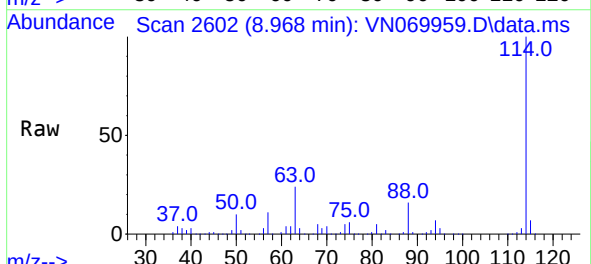
Tgt Ion:114 Resp: 1564997

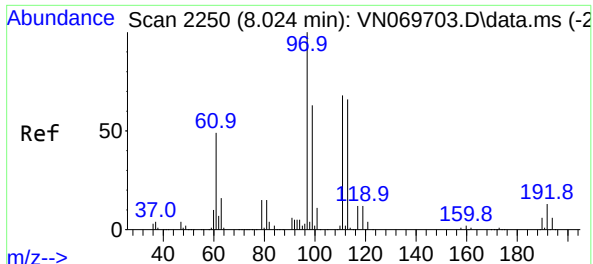
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

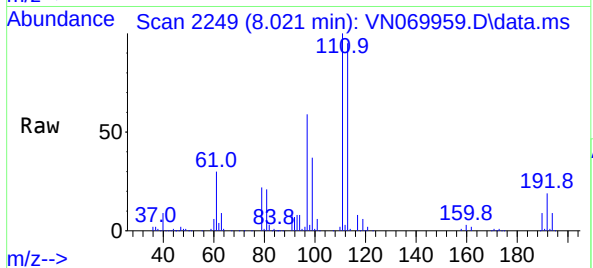
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.940 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

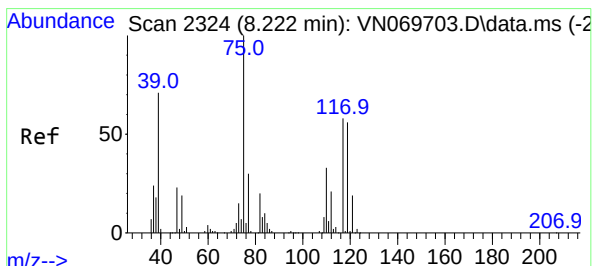
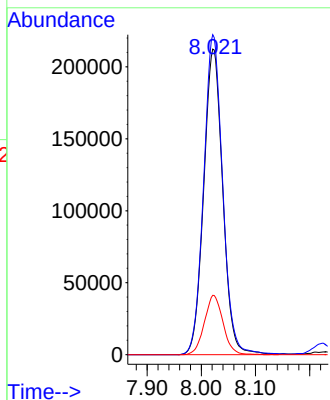
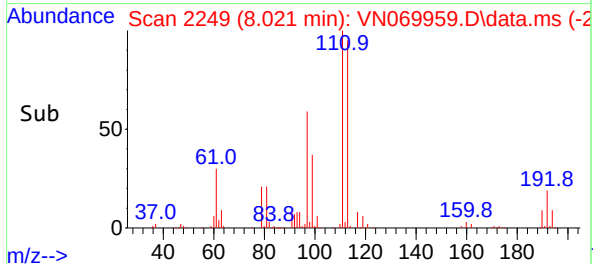
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



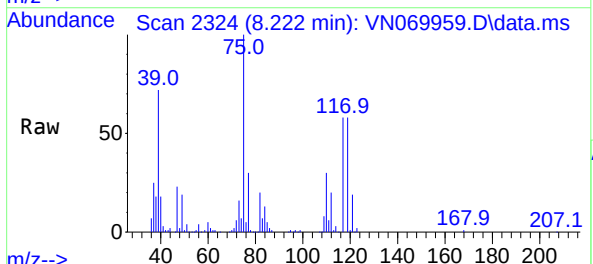
Tgt Ion: 113 Resp: 51896
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 19.0 16.9 25.3

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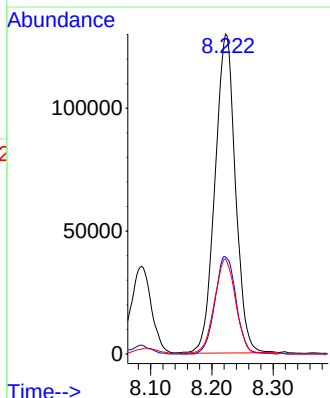
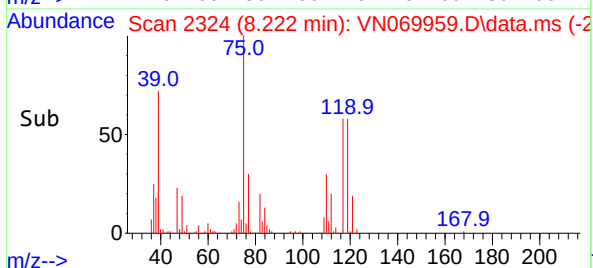
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

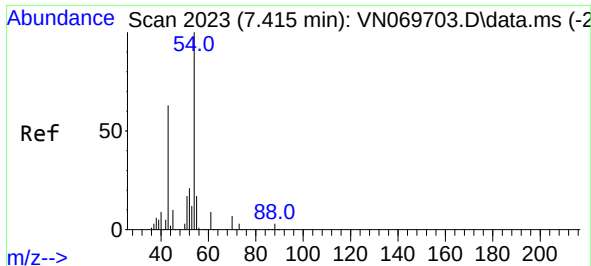


#36
1,1-Dichloropropene
Concen: 20.169 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



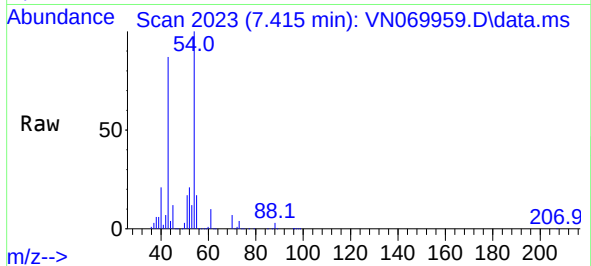
Tgt Ion: 75 Resp: 300483
Ion Ratio Lower Upper
75 100
110 31.6 18.4 55.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 18.117 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

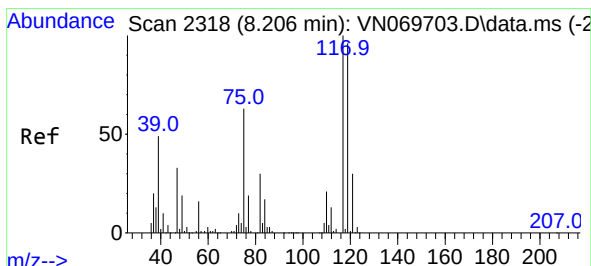
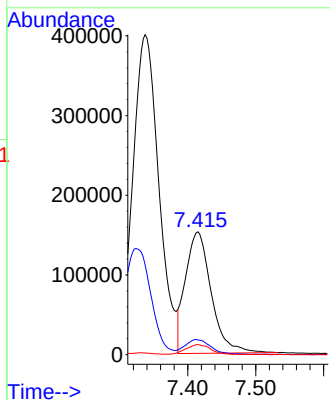
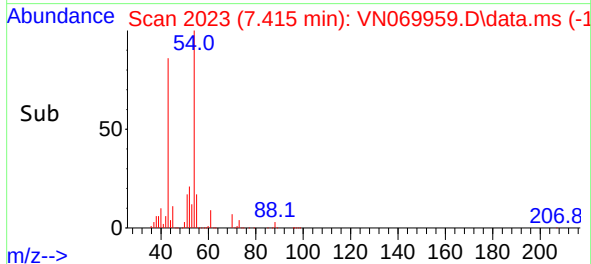
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



Tgt Ion: 43 Resp: 401730
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 7.5 7.9 11.9

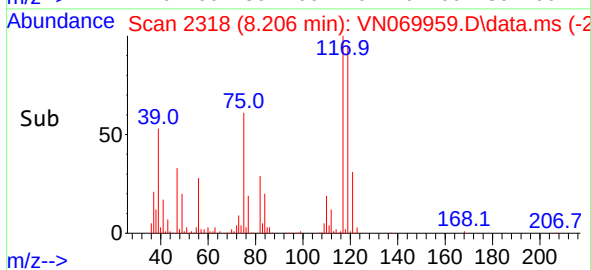
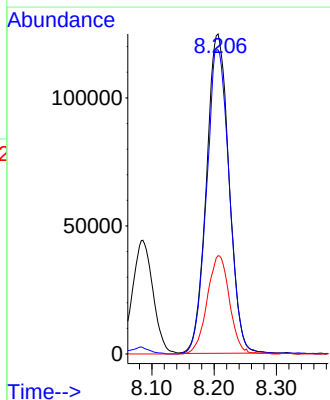
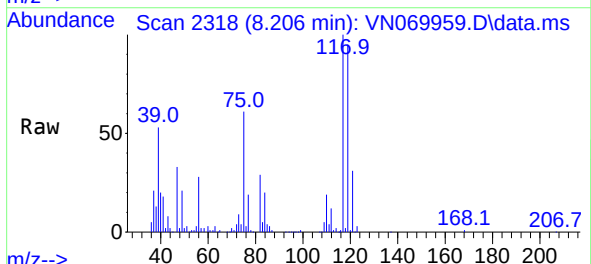
Manual Integrations
APPROVED

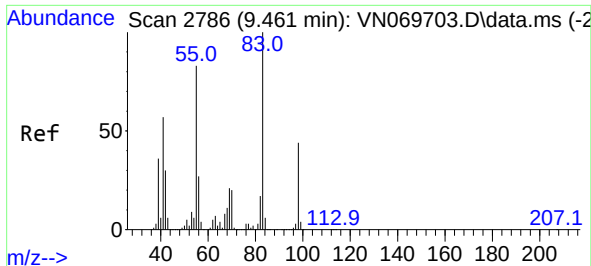
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 21.474 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

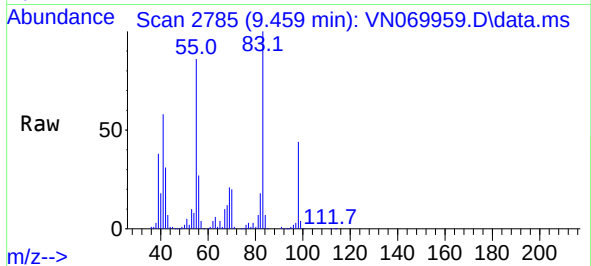
Tgt Ion:117 Resp: 313722
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 19.766 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

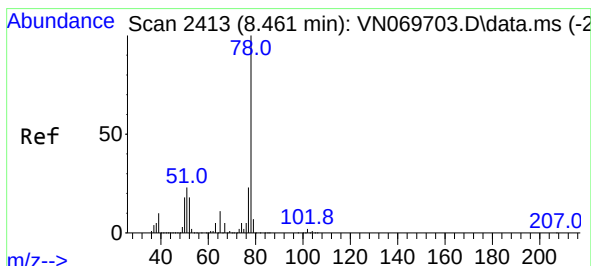
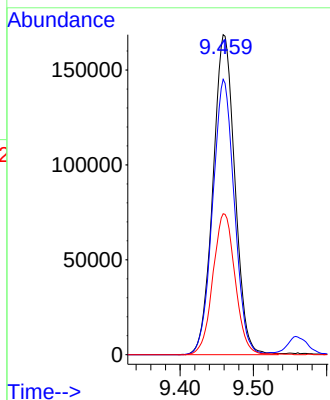
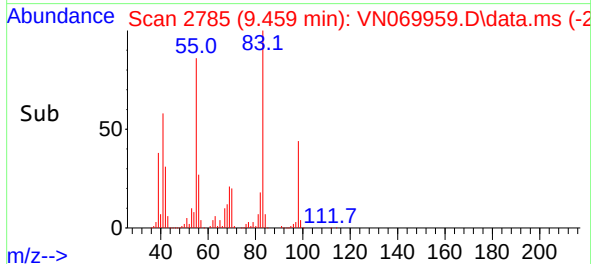
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



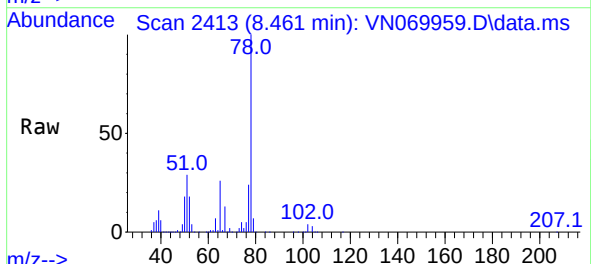
Tgt Ion: 83 Resp: 35027
Ion Ratio Lower Upper
83 100
55 86.0 58.1 87.1
98 44.1 38.4 57.6

Manual Integrations
APPROVED

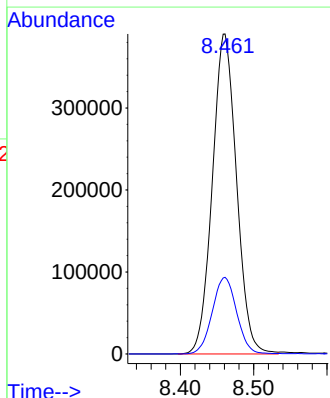
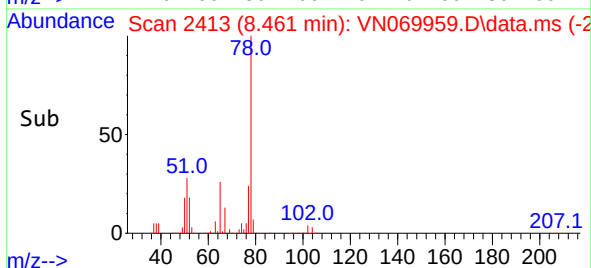
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

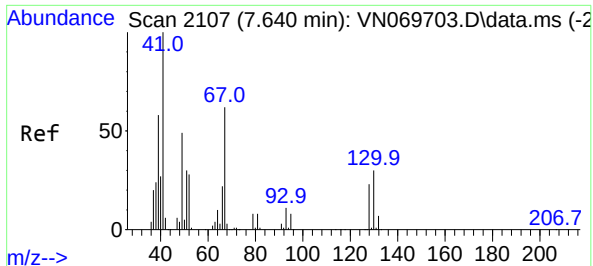


#40
Benzene
Concen: 19.642 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



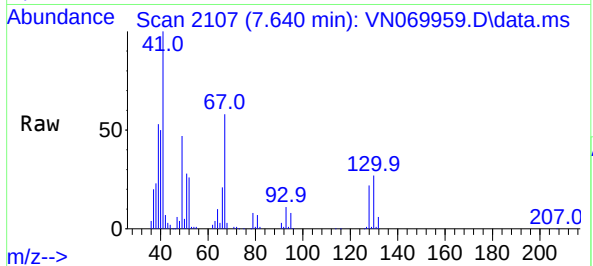
Tgt Ion: 78 Resp: 894463
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 20.137 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

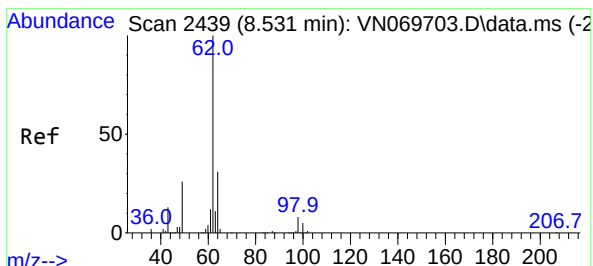
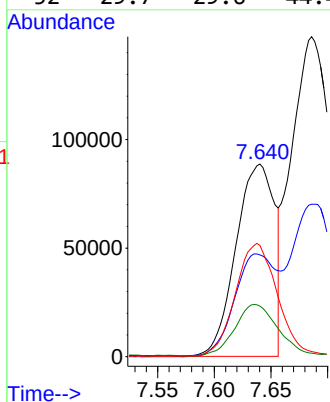
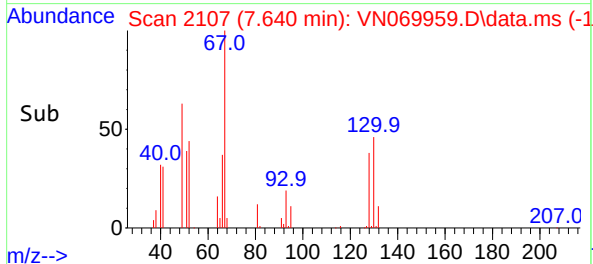
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



Tgt Ion: 41 Resp: 209612
Ion Ratio Lower Upper
41 100
39 0.0 48.1 72.1
67 65.1 68.3 102.5
52 29.7 29.6 44.4

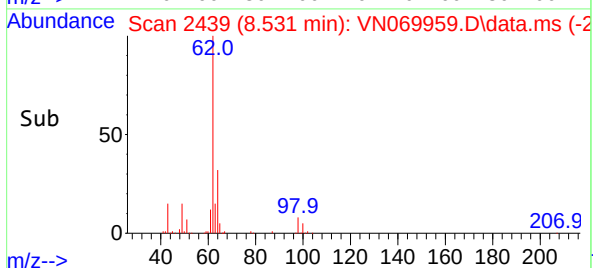
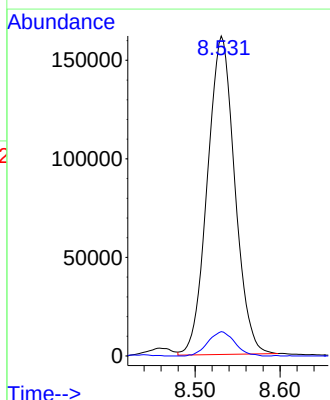
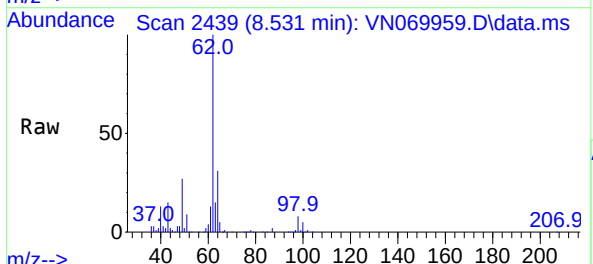
Manual Integrations
APPROVED

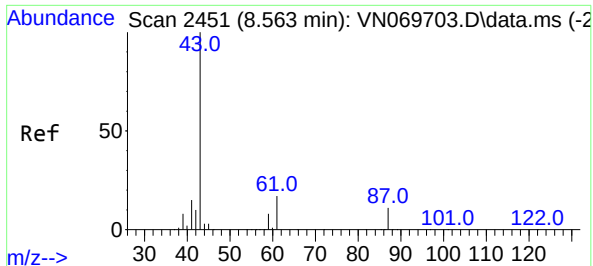
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 19.703 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Tgt Ion: 62 Resp: 362202
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





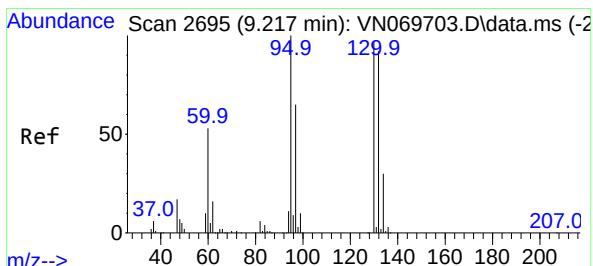
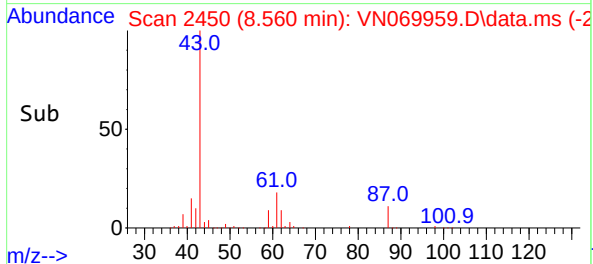
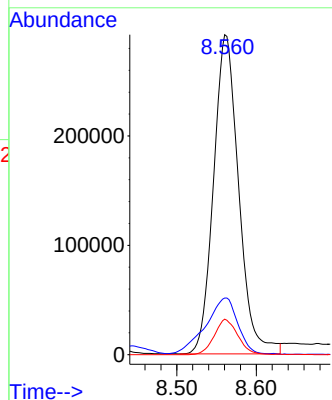
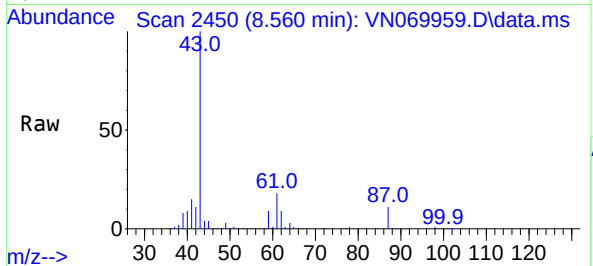
#43
Isopropyl Acetate
Concen: 19.592 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion: 43 Resp: 642890
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 10.4 11.2 16.8

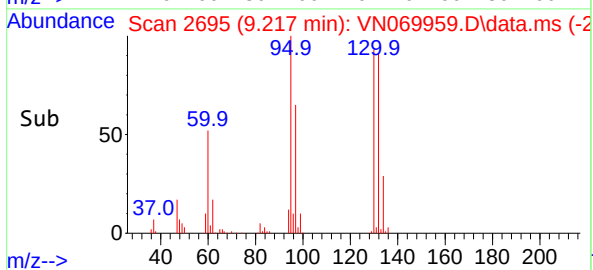
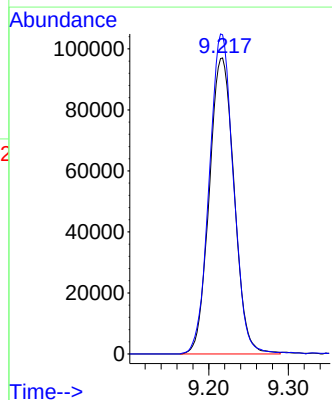
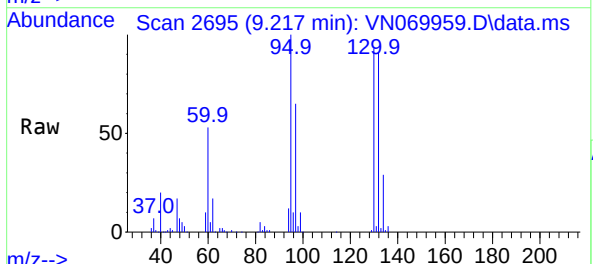
Manual Integrations
APPROVED

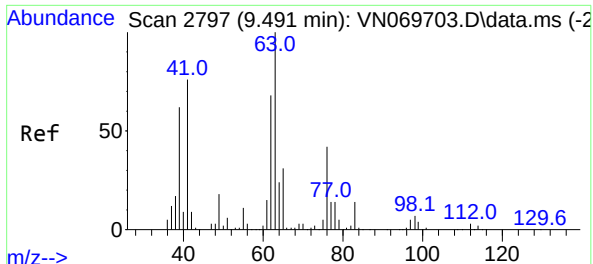
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 19.377 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Tgt Ion:130 Resp: 210604
Ion Ratio Lower Upper
130 100
95 107.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.326 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VN069959.D

Acq: 10 Dec 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 63 Resp: 24855

Ion Ratio Lower Upper

63 100

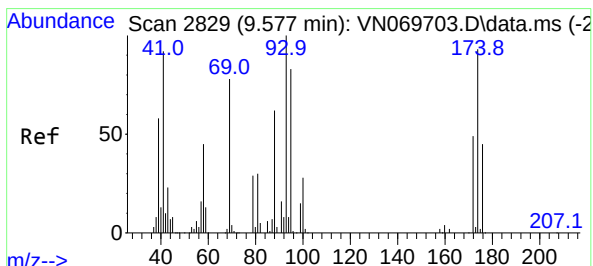
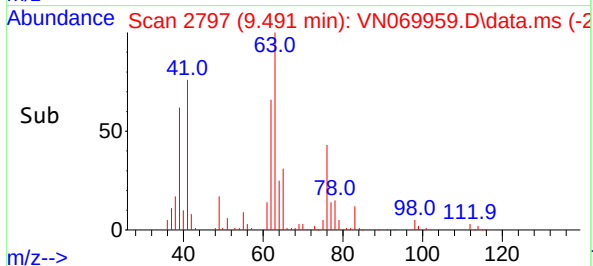
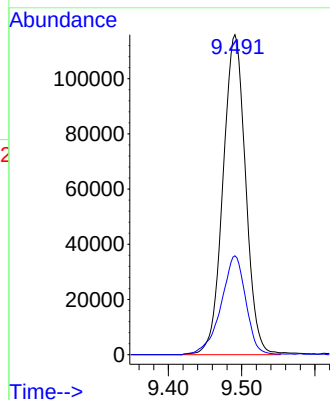
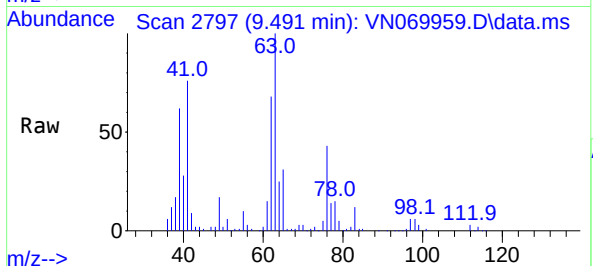
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#46

Dibromomethane

Concen: 20.171 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069959.D

Acq: 10 Dec 2021 15:25

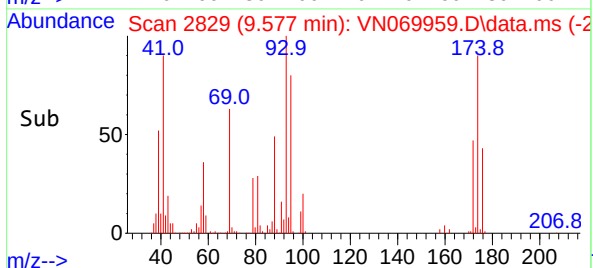
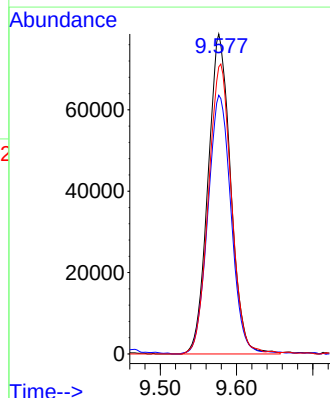
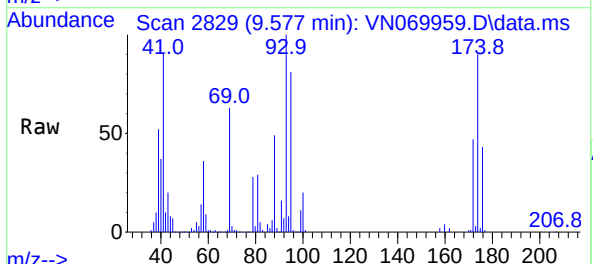
Tgt Ion: 93 Resp: 161770

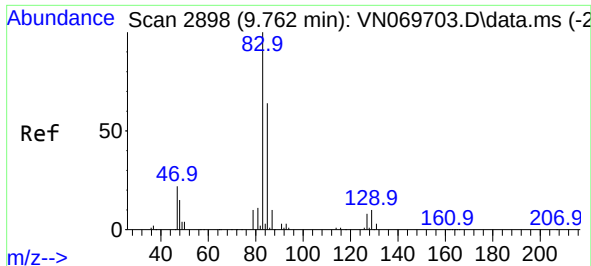
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

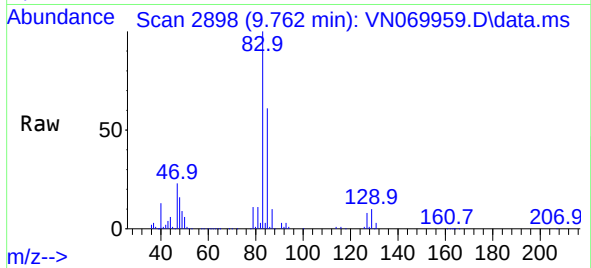
174 91.8 84.6 127.0





#47
Bromodichloromethane
Concen: 22.687 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

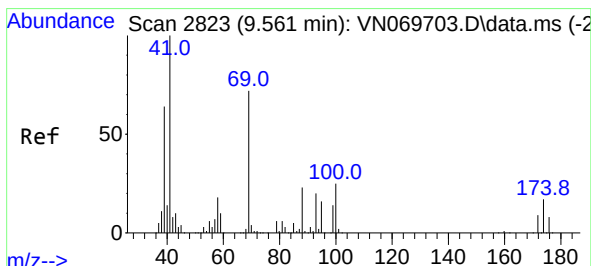
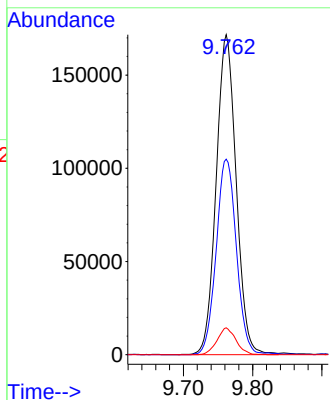
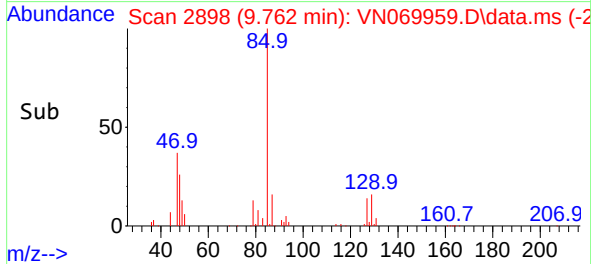
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



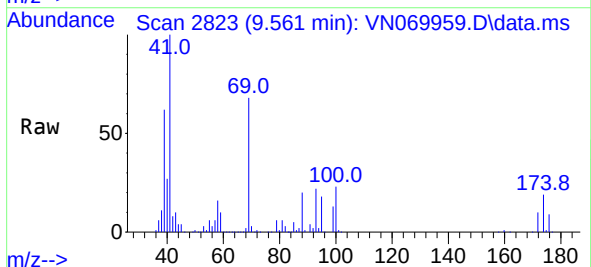
Tgt Ion: 83 Resp: 344488
Ion Ratio Lower Upper
83 100
85 61.1 50.9 76.3
127 8.4 7.1 10.7

Manual Integrations
APPROVED

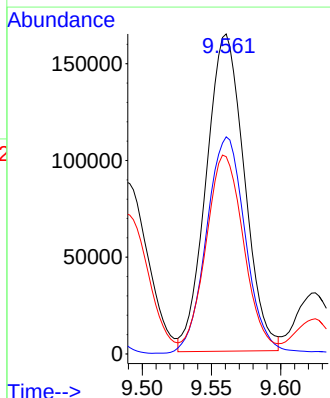
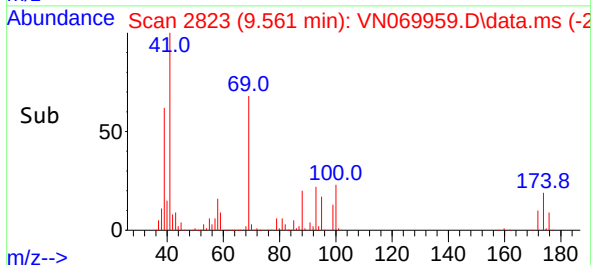
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

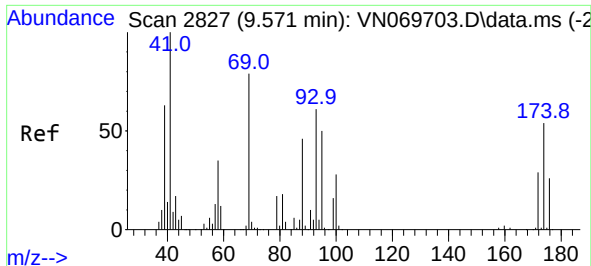


#48
Methyl methacrylate
Concen: 20.476 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



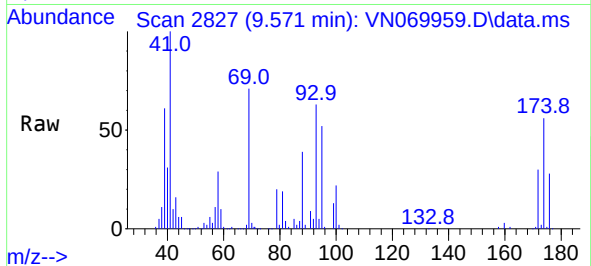
Tgt Ion: 41 Resp: 313556
Ion Ratio Lower Upper
41 100
69 70.1 72.4 108.6#
39 57.2 58.4 87.6#





#49
1,4-Dioxane
Concen: 342.090 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

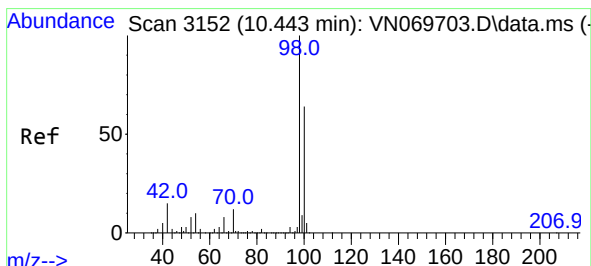
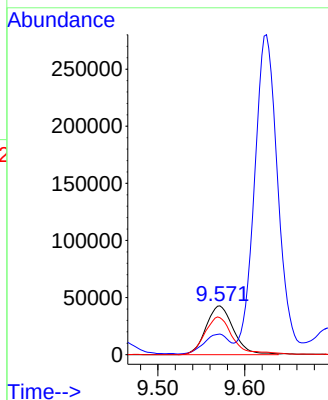
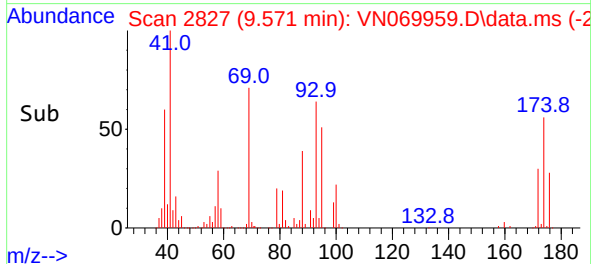
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



Tgt Ion: 88 Resp: 93997
Ion Ratio Lower Upper
88 100
43 37.2 23.4 35.2
58 79.8 50.6 75.8

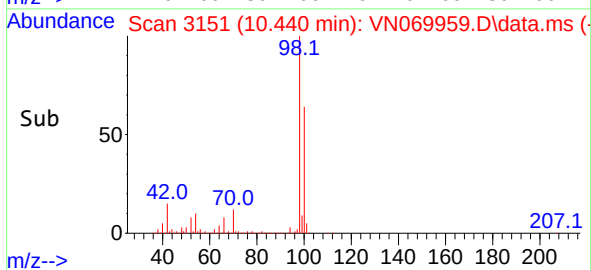
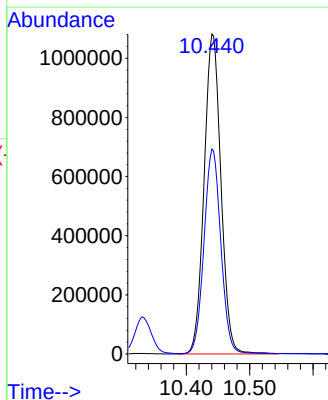
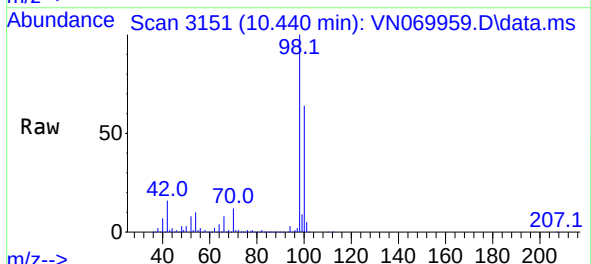
Manual Integrations
APPROVED

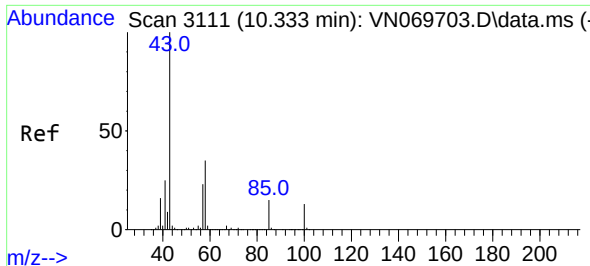
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 50.760 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

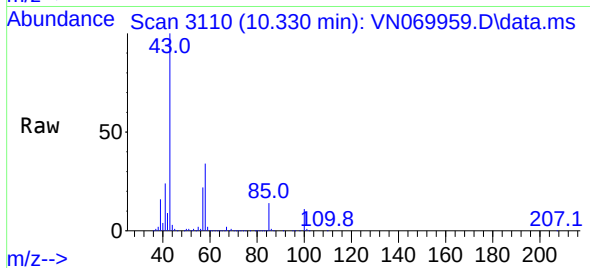
Tgt Ion: 98 Resp: 1997983
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 95.676 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

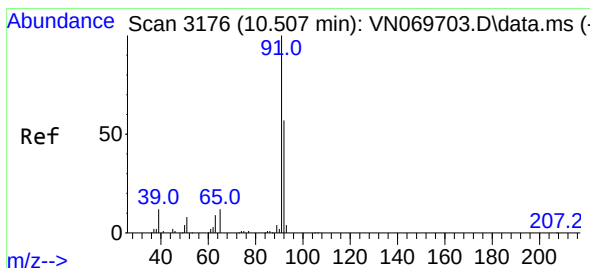
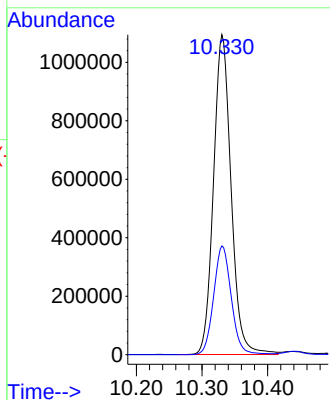
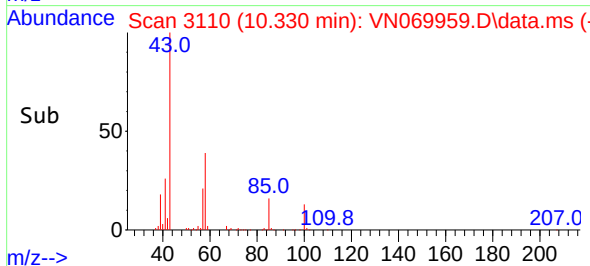
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



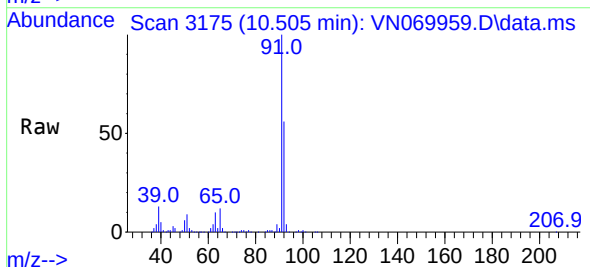
Tgt Ion: 43 Resp: 2036700
Ion Ratio Lower Upper
43 100
58 34.1 30.4 45.6

Manual Integrations
APPROVED

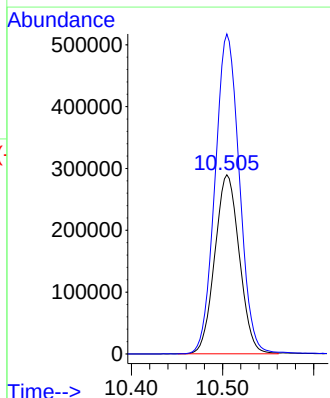
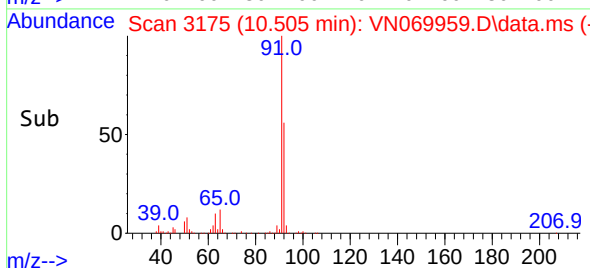
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

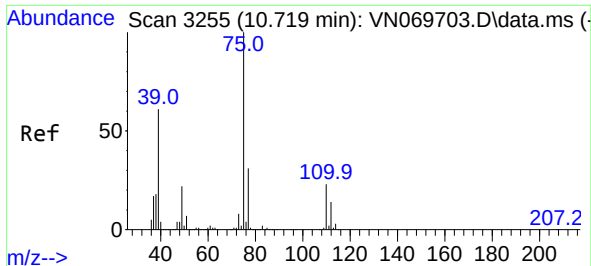


#52
Toluene
Concen: 19.502 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion: 92 Resp: 542189
Ion Ratio Lower Upper
92 100
91 178.3 142.0 213.0





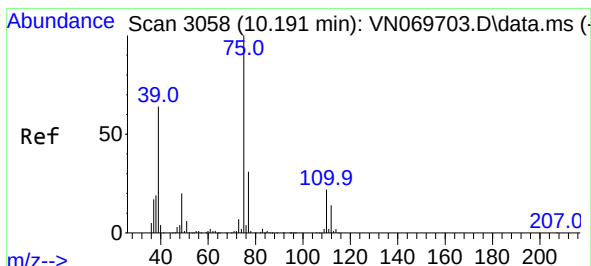
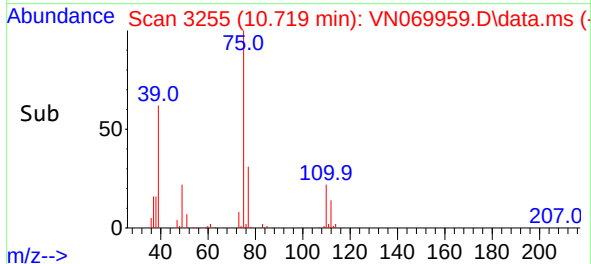
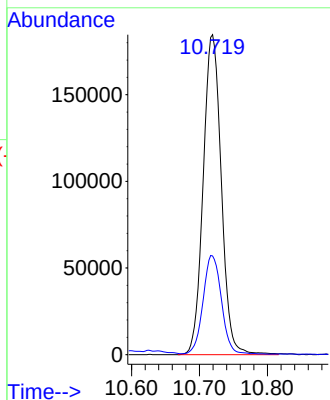
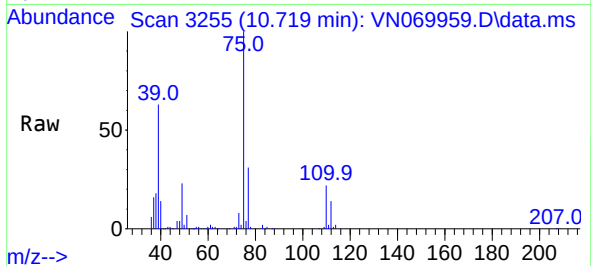
#53
t-1,3-Dichloropropene
Concen: 20.503 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion: 75 Resp: 342610
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

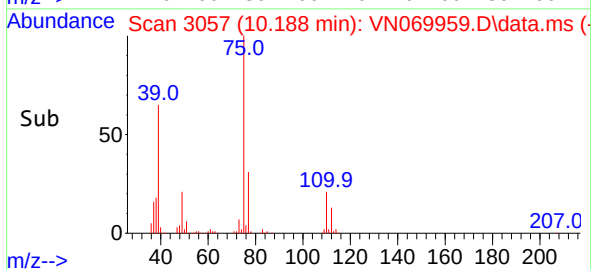
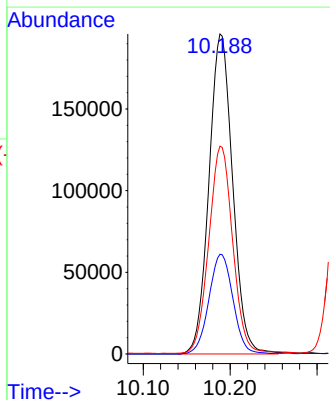
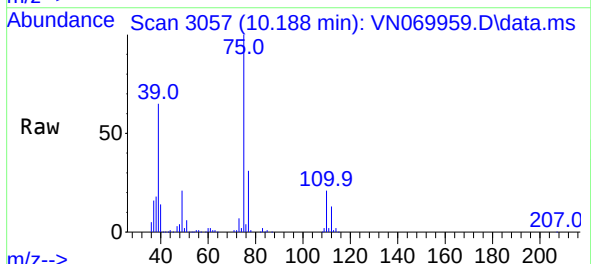
Manual Integrations
APPROVED

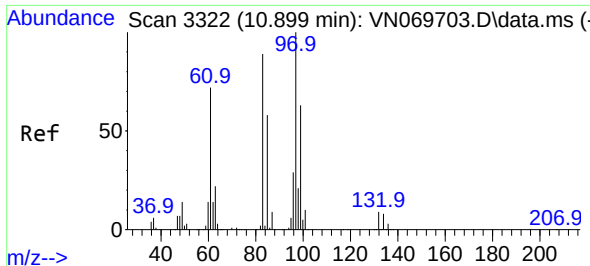
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#54
cis-1,3-Dichloropropene
Concen: 20.544 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

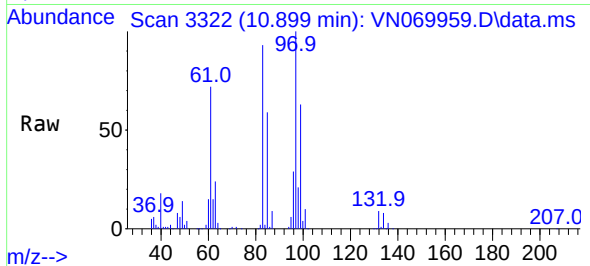
Tgt Ion: 75 Resp: 370328
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 64.7 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.816 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

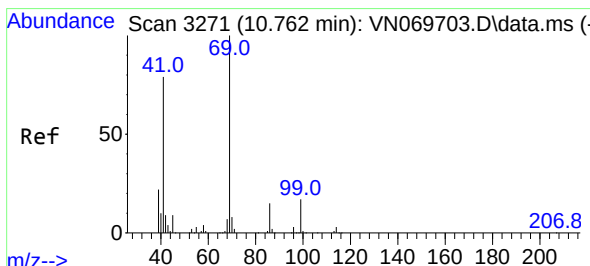
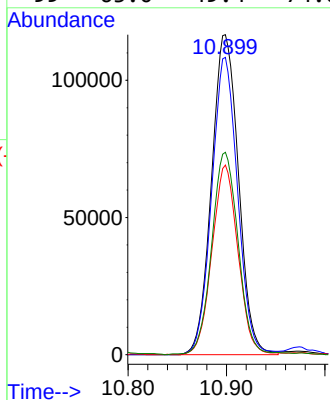
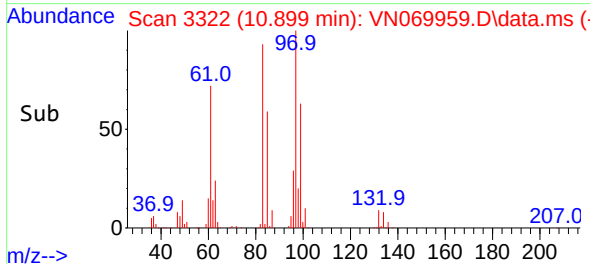


Tgt Ion: 97 Resp: 222290

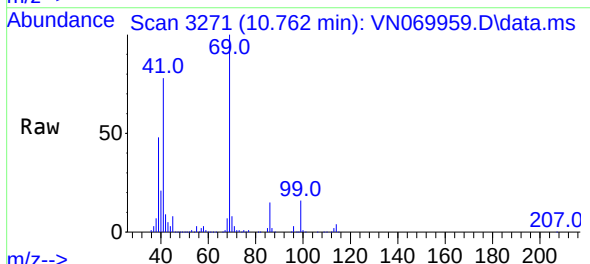
Ion	Ratio	Lower	Upper
97	100		
83	92.9	67.8	101.6
85	59.2	45.4	68.2
99	63.0	49.4	74.0

Manual Integrations
APPROVED

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

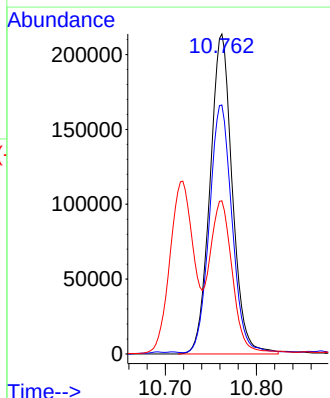
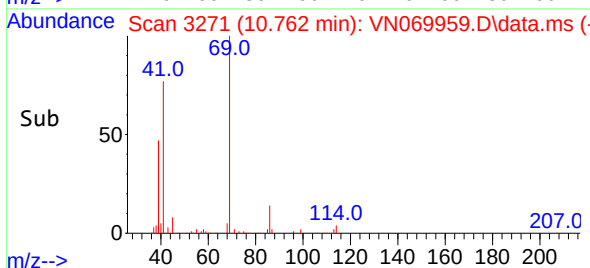


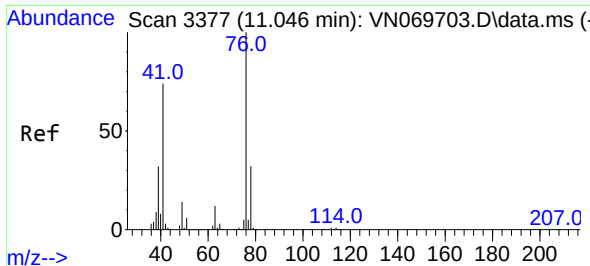
#56
Ethyl methacrylate
Concen: 18.656 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion: 69 Resp: 363183

Ion	Ratio	Lower	Upper
69	100		
41	78.5	51.4	77.0#
39	47.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.782 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069959.D

Acq: 10 Dec 2021 15:25

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 76 Resp: 390724

Ion Ratio Lower Upper

76 100

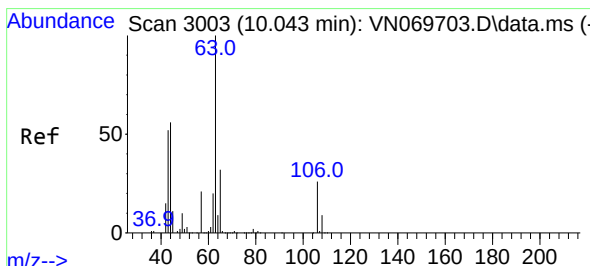
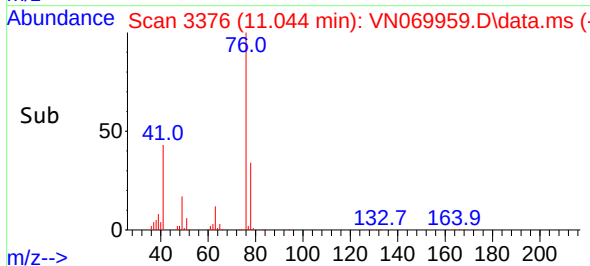
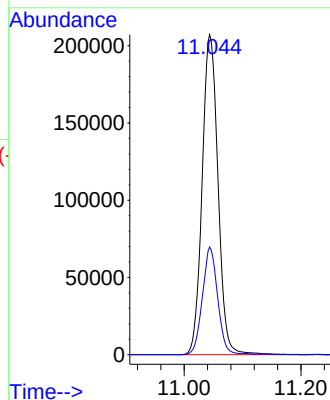
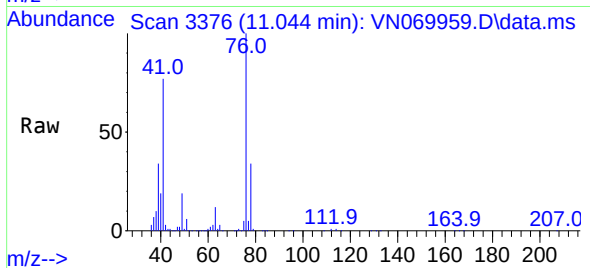
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 87.888 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069959.D

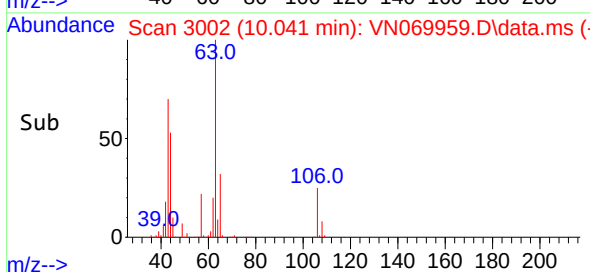
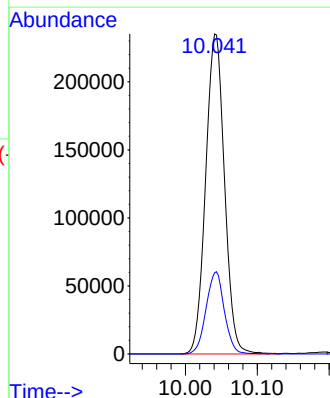
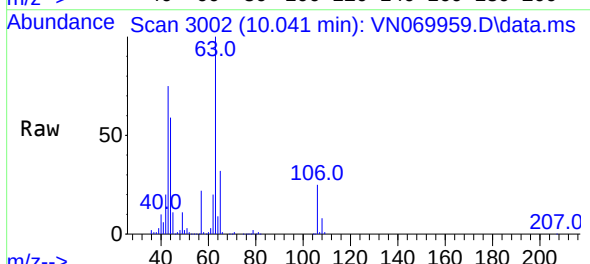
Acq: 10 Dec 2021 15:25

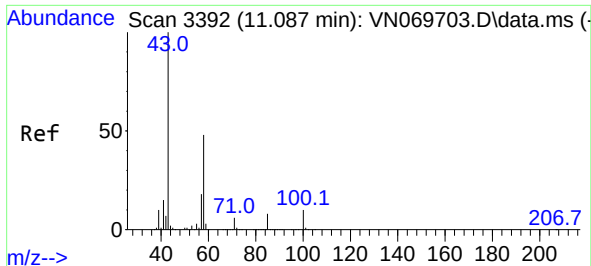
Tgt Ion: 63 Resp: 428778

Ion Ratio Lower Upper

63 100

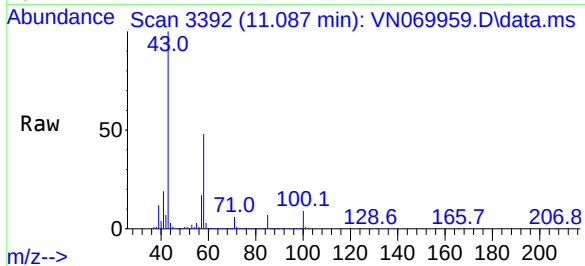
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 92.094 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

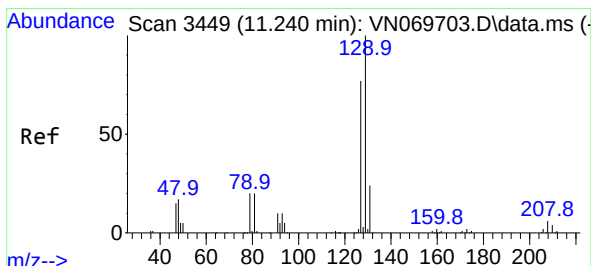
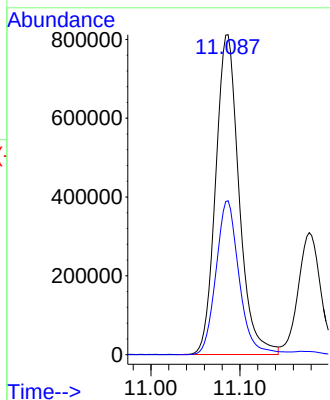
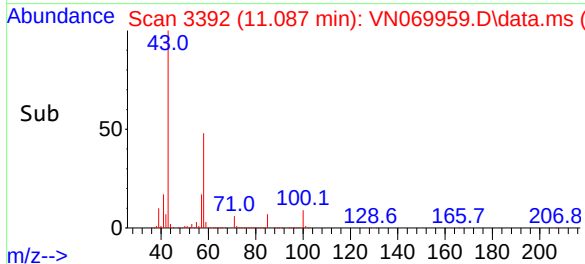
Instrument : MSVOA_N
ClientSampleId : VN1210WBS01



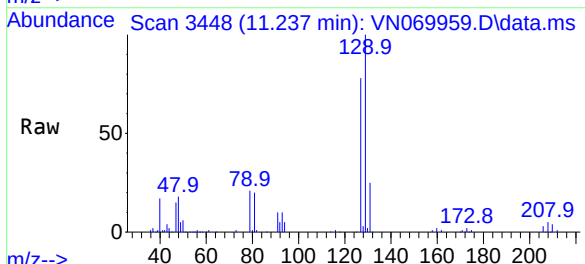
Tgt Ion: 43 Resp: 1483010
Ion Ratio Lower Upper
43 100
58 47.9 26.9 80.7

Manual Integrations
APPROVED

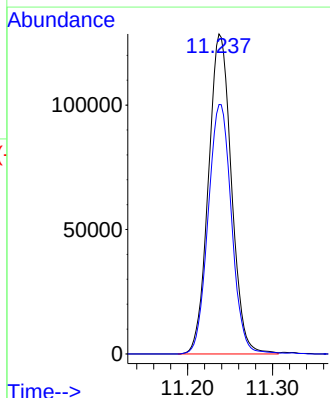
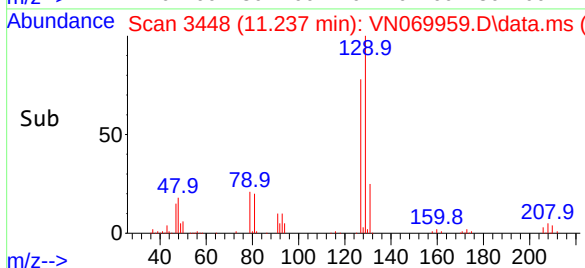
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

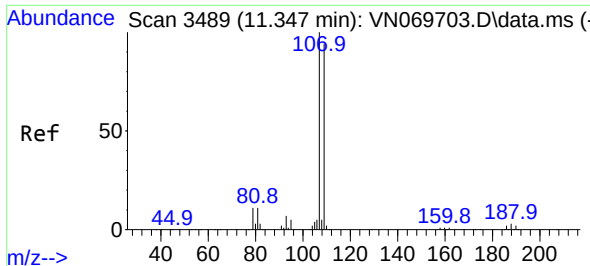


#60
Dibromochloromethane
Concen: 21.549 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



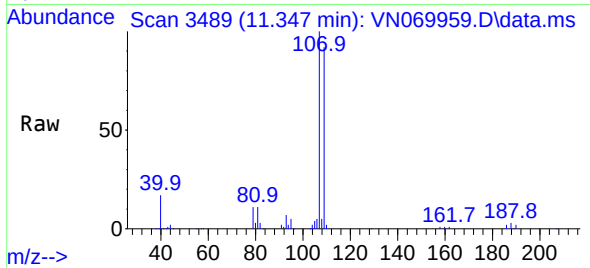
Tgt Ion:129 Resp: 241931
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.312 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

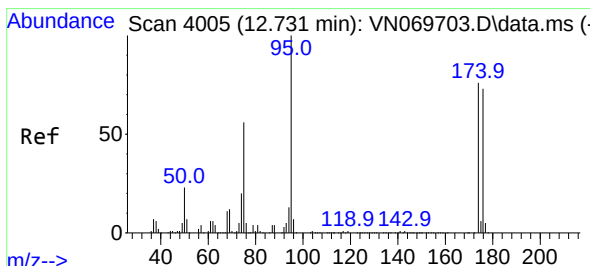
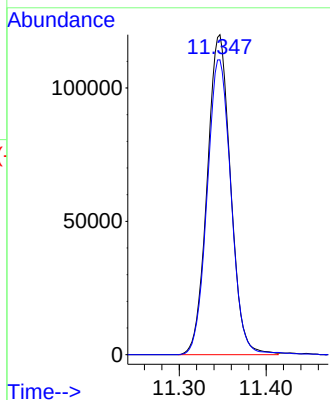
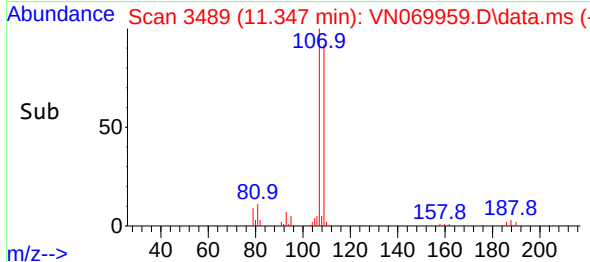
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



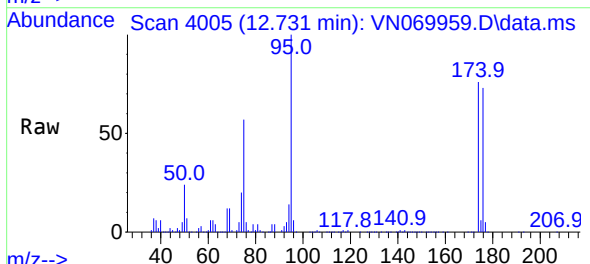
Tgt Ion:107 Resp: 224379
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

Manual Integrations
APPROVED

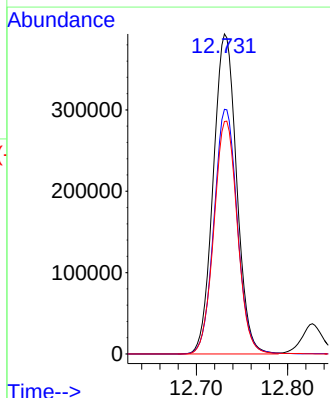
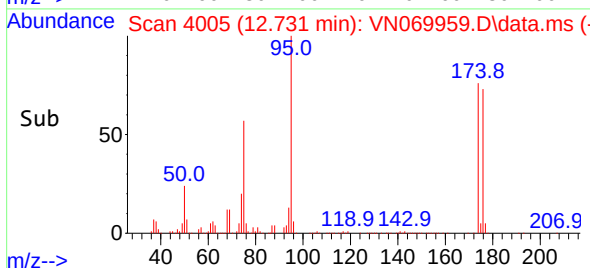
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

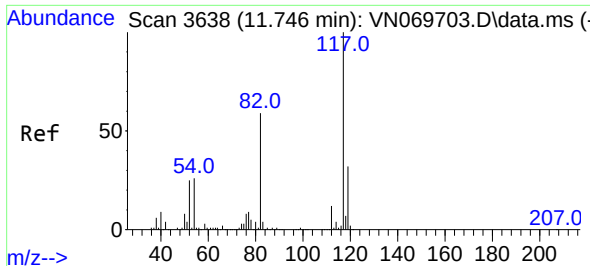


#62
4-Bromofluorobenzene
Concen: 49.136 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



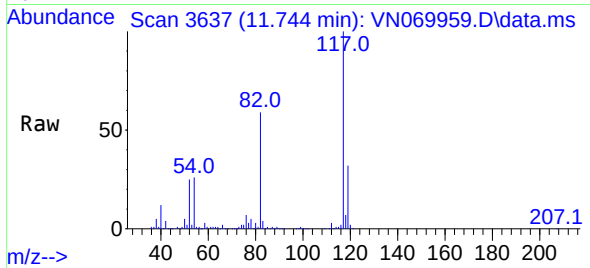
Tgt Ion: 95 Resp: 700677
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

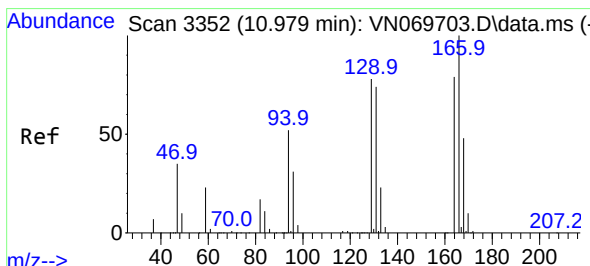
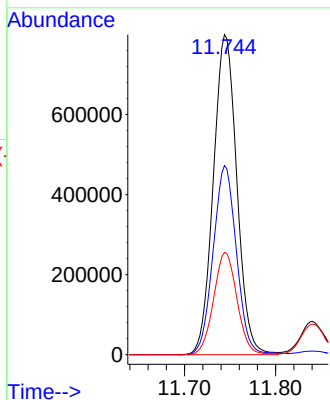
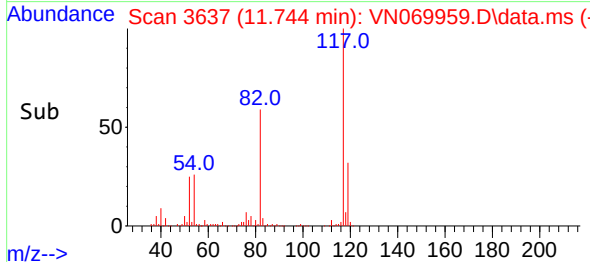
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



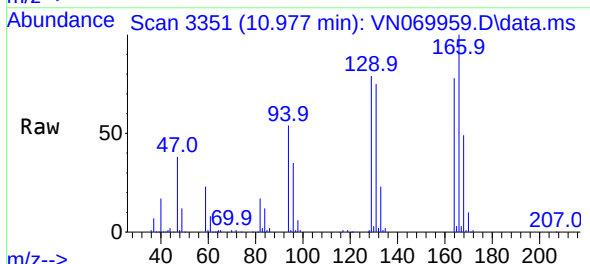
Tgt Ion:117 Resp: 143213
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

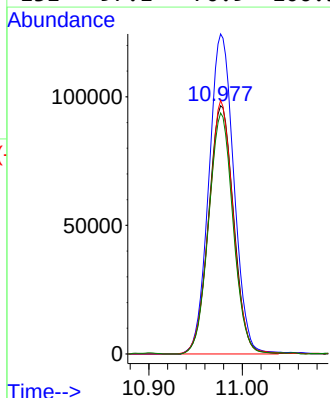
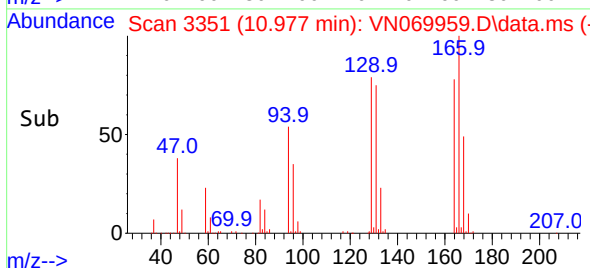
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

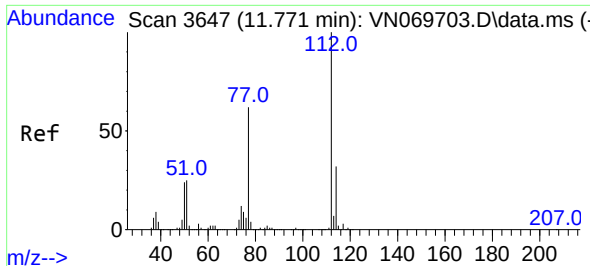


#64
Tetrachloroethene
Concen: 18.527 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



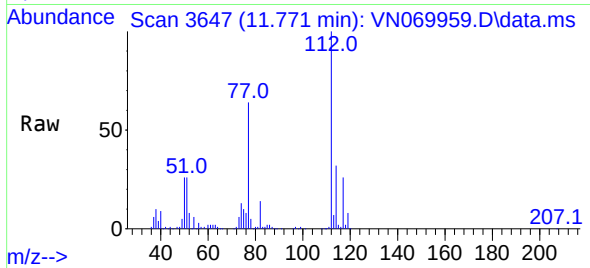
Tgt Ion:164 Resp: 179911
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 102.2 72.0 108.0
131 97.1 70.9 106.3





#65
Chlorobenzene
Concen: 19.756 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

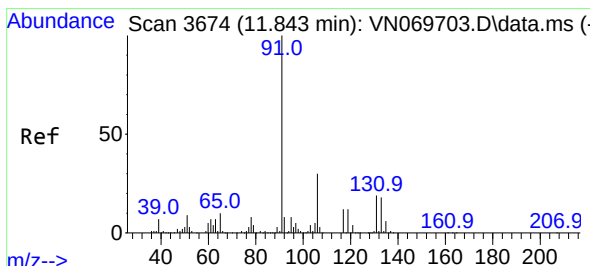
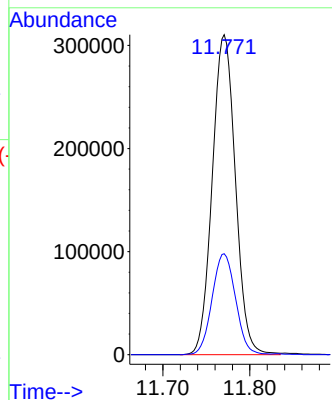
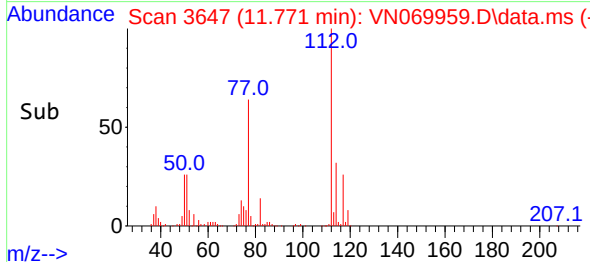
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



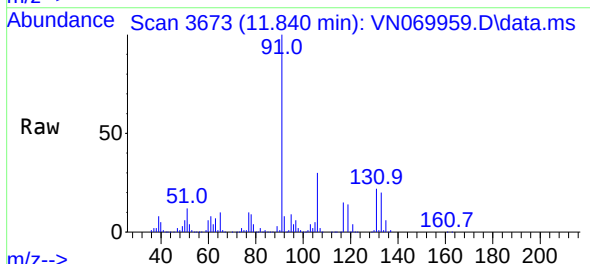
Tgt Ion:112 Resp: 57398
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

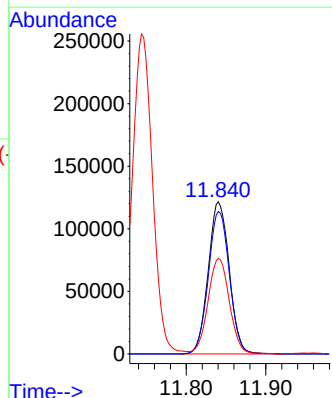
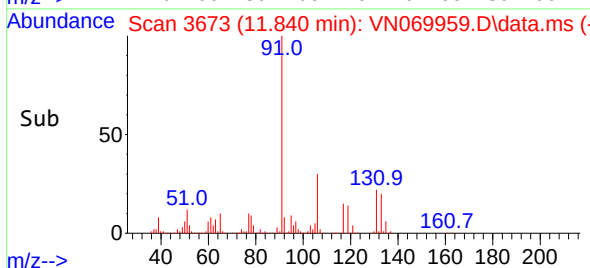
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

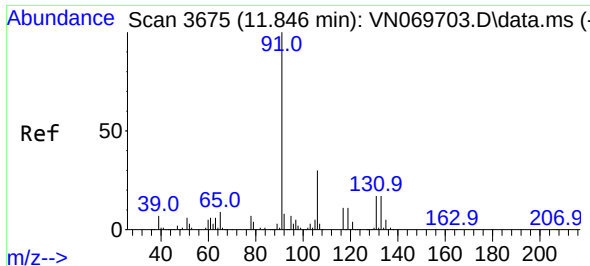


#66
1,1,1,2-Tetrachloroethane
Concen: 21.783 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



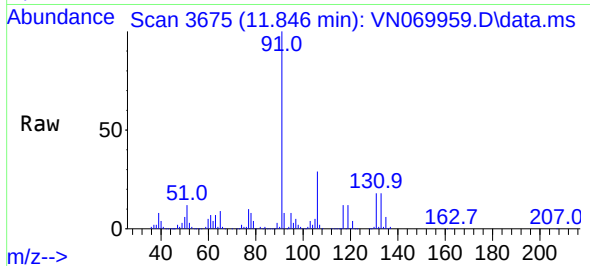
Tgt Ion:131 Resp: 222758
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 64.3 32.1 96.5





#67
Ethyl Benzene
Concen: 20.185 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

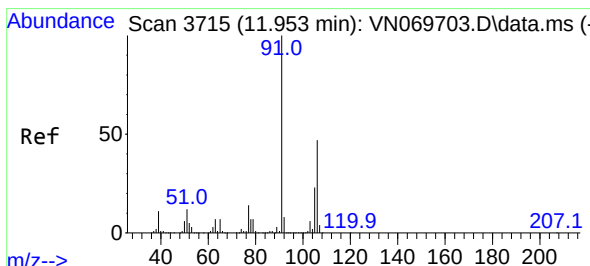
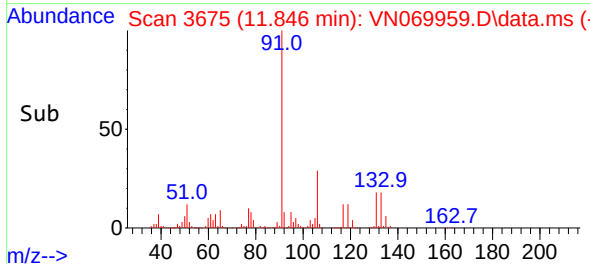
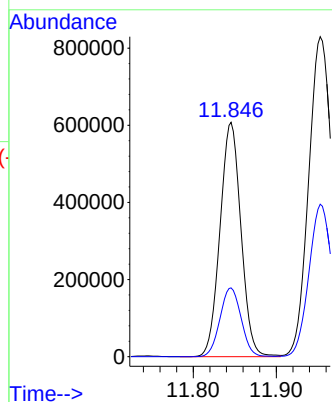
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



Tgt Ion: 91 Resp: 106529
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

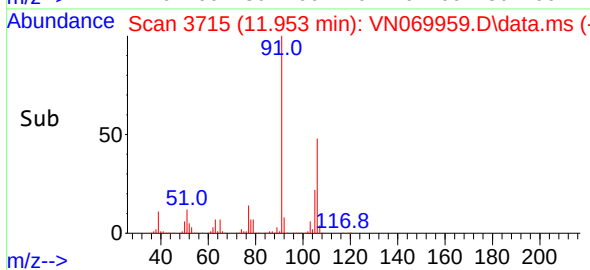
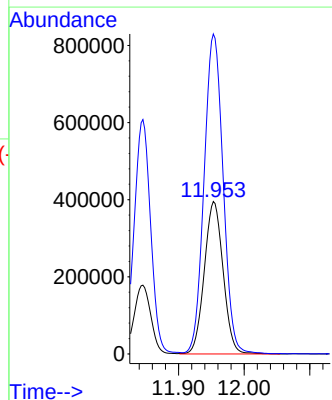
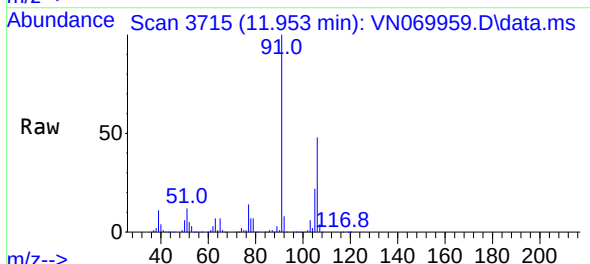
Manual Integrations
APPROVED

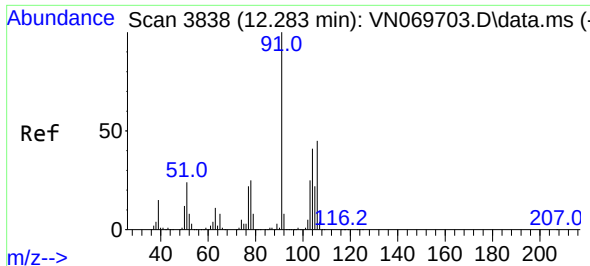
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#68
m/p-Xylenes
Concen: 40.859 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Tgt Ion:106 Resp: 785155
Ion Ratio Lower Upper
106 100
91 212.0 160.6 240.8





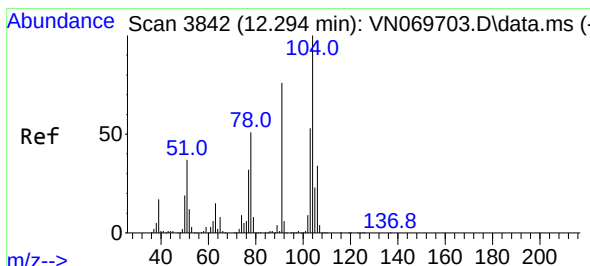
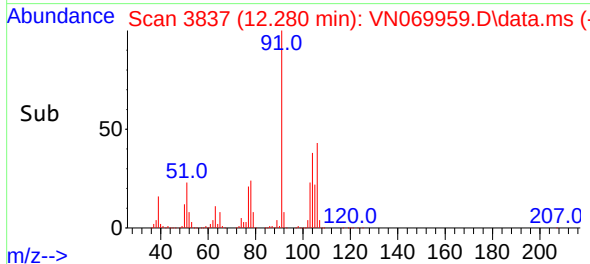
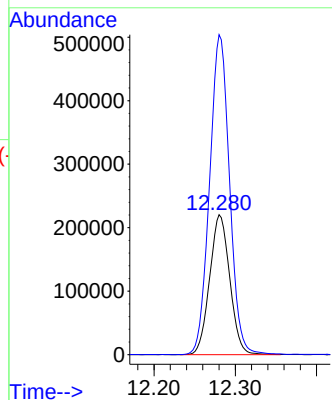
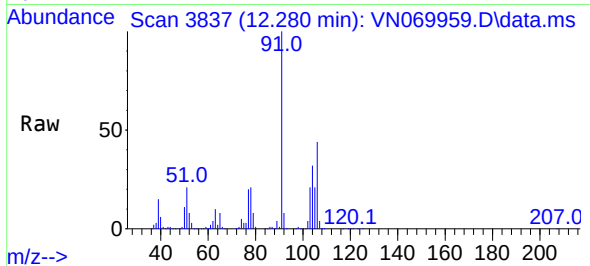
#69
o-Xylene
Concen: 19.580 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:106 Resp: 37898
Ion Ratio Lower Upper
106 100
91 227.1 105.8 317.3

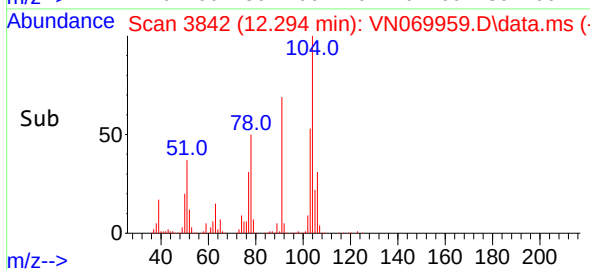
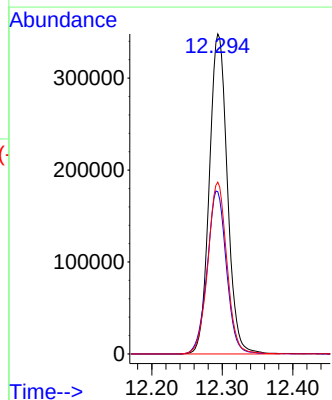
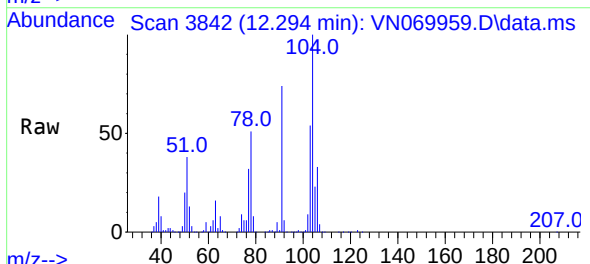
Manual Integrations
APPROVED

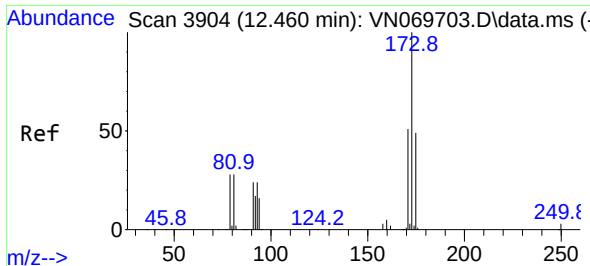
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 20.187 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.001 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

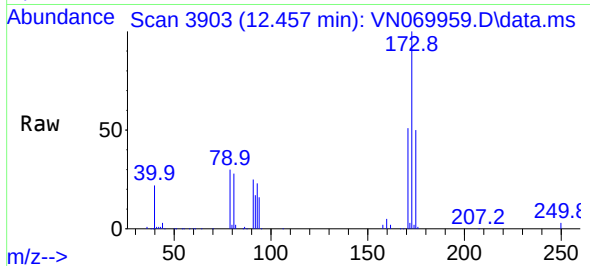
Tgt Ion:104 Resp: 619574
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 56.7 45.0 67.6





#71
Bromoform
Concen: 22.090 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

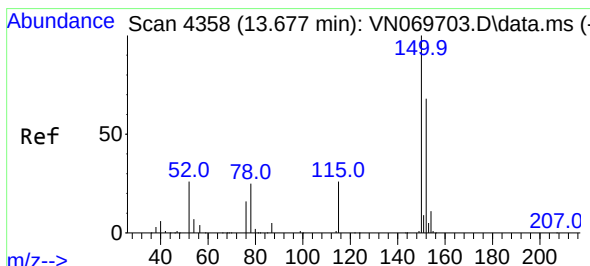
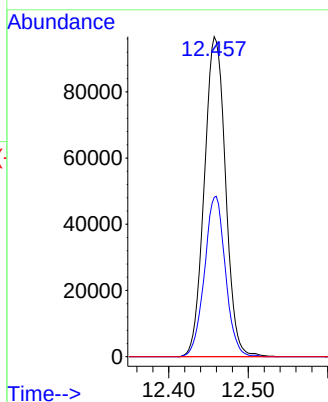
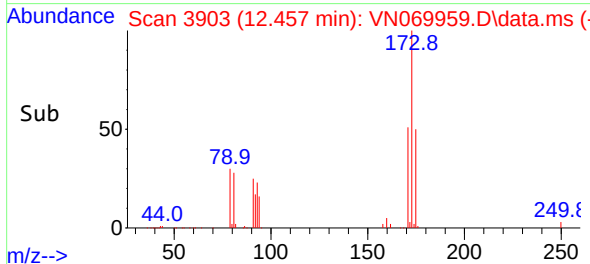
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



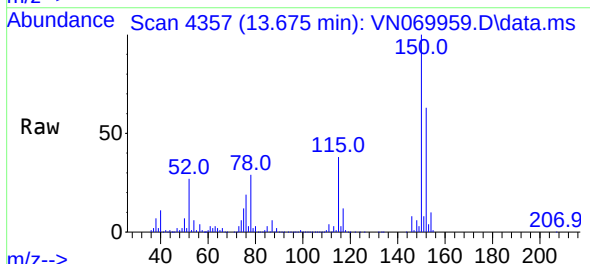
Tgt Ion:173 Resp: 179099
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

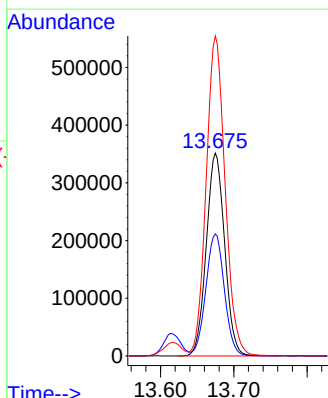
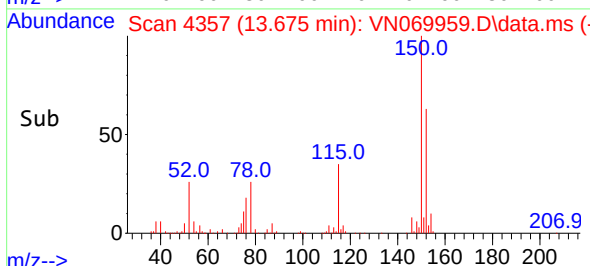
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

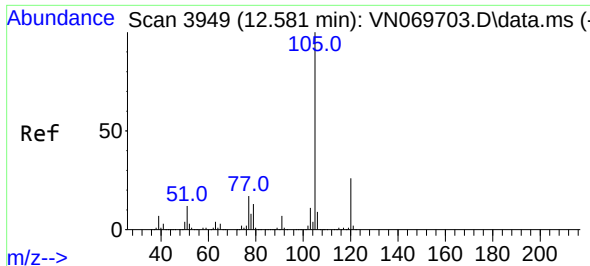


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



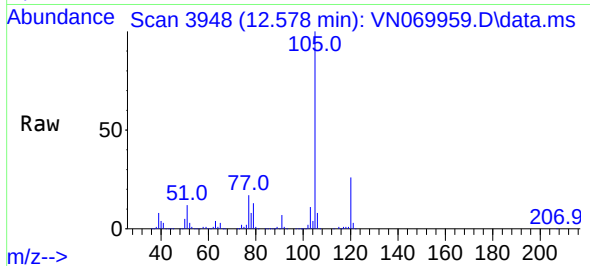
Tgt Ion:152 Resp: 612122
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 162.4 0.0 344.4





#73
Isopropylbenzene
Concen: 18.610 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

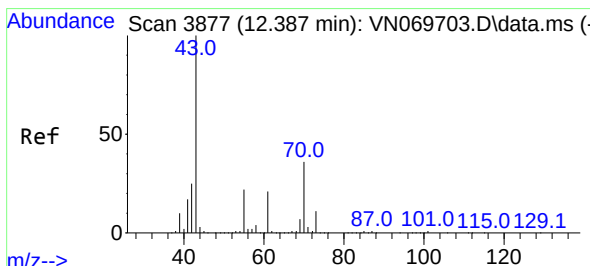
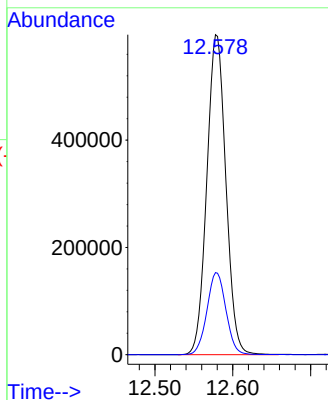
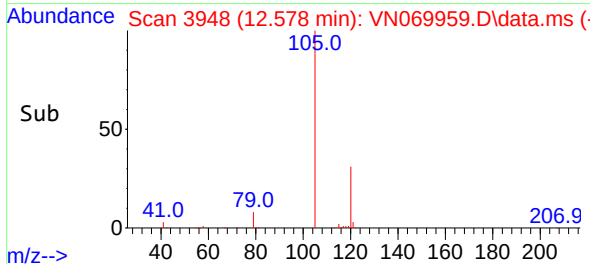
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



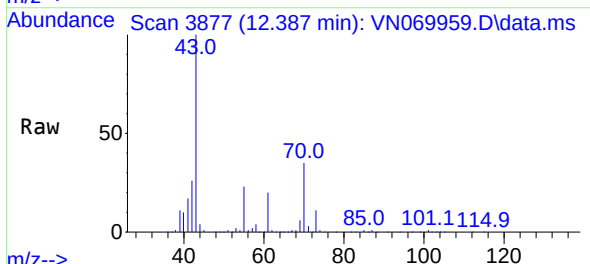
Tgt Ion:105 Resp: 1013529
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

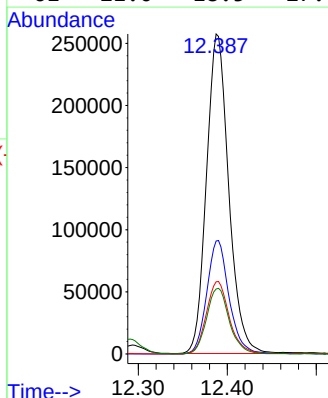
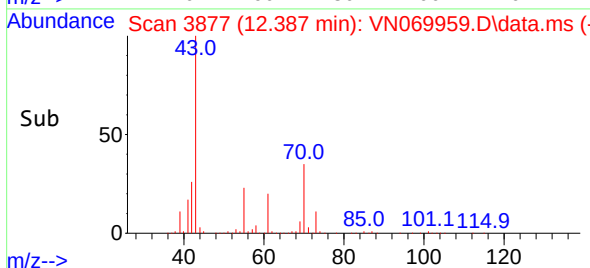
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

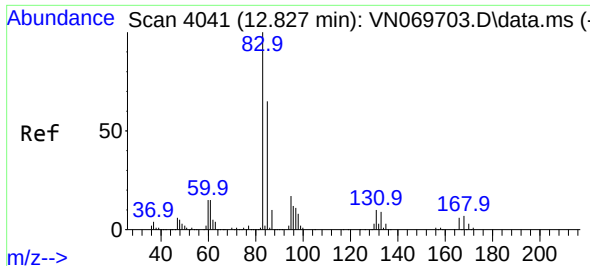


#74
N-ethyl acetate
Concen: 18.550 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



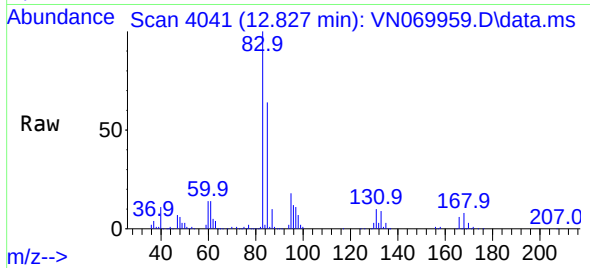
Tgt Ion: 43 Resp: 446786
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 23.5 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.513 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

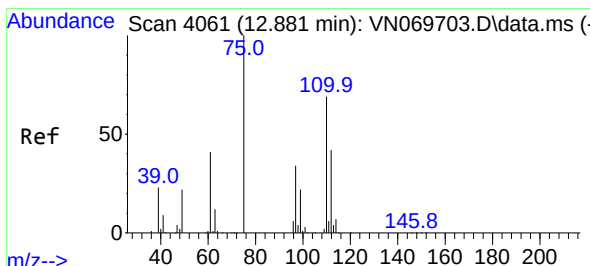
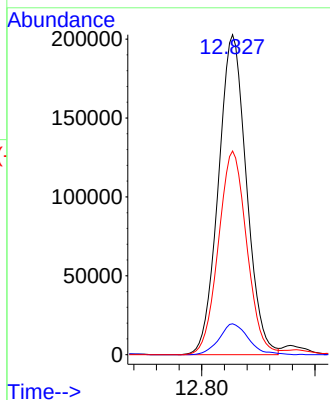
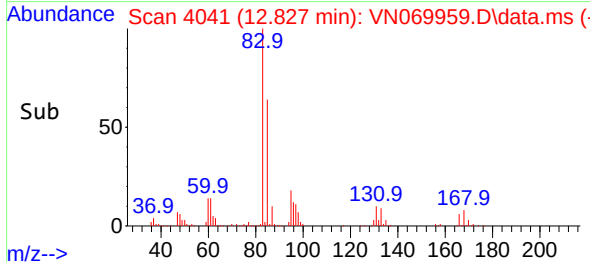
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



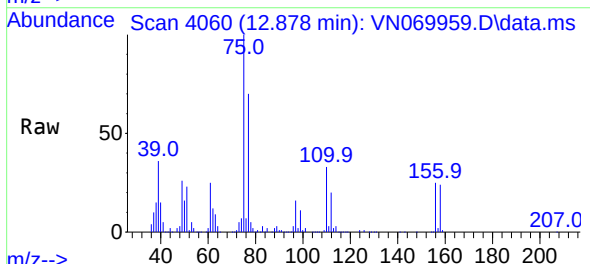
Tgt Ion: 83 Resp: 34866
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.5 32.4 97.2

Manual Integrations
APPROVED

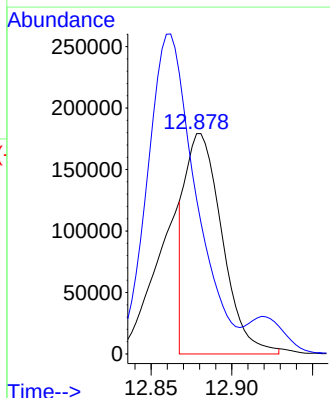
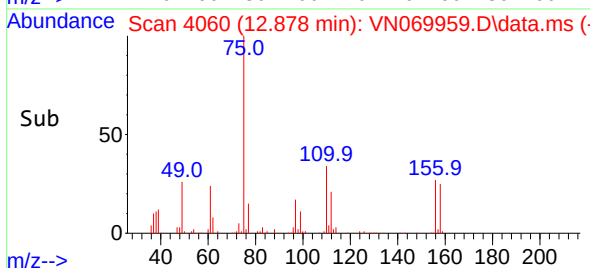
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

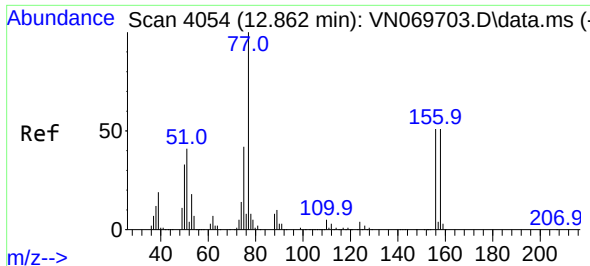


#76
1,2,3-Trichloropropane
Concen: 16.221 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



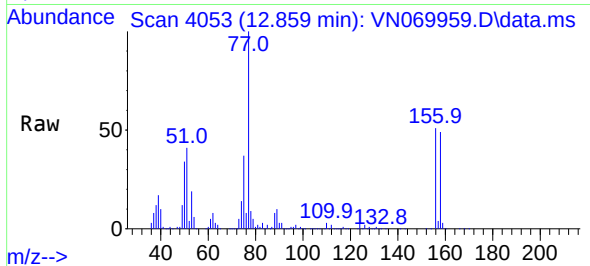
Tgt Ion: 75 Resp: 284752
Ion Ratio Lower Upper
75 100
77 190.8 82.6 247.8





#77
Bromobenzene
Concen: 18.379 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

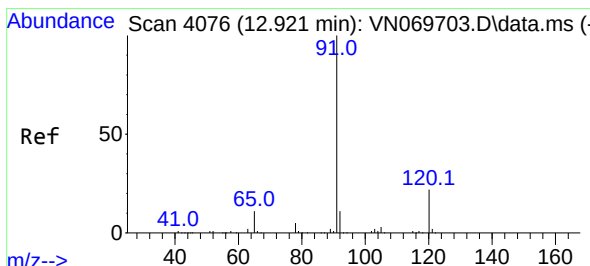
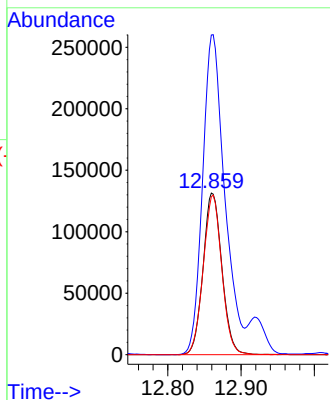
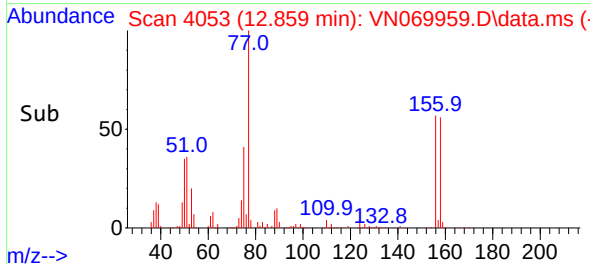
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



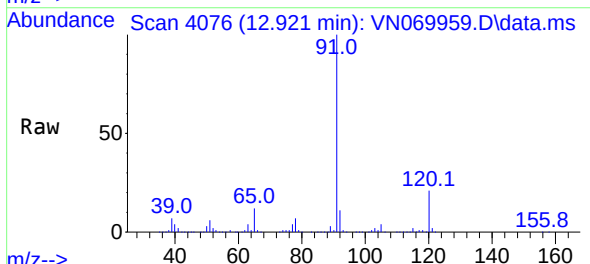
Tgt Ion:156 Resp: 235100
Ion Ratio Lower Upper
156 100
77 231.1 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
APPROVED

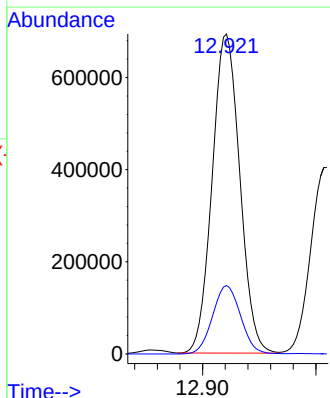
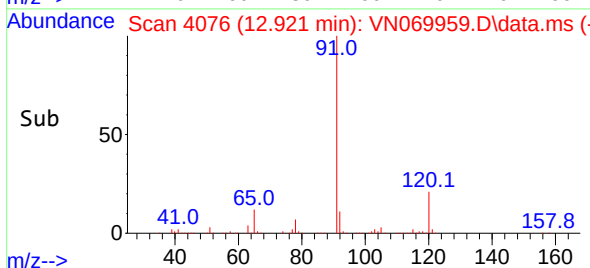
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

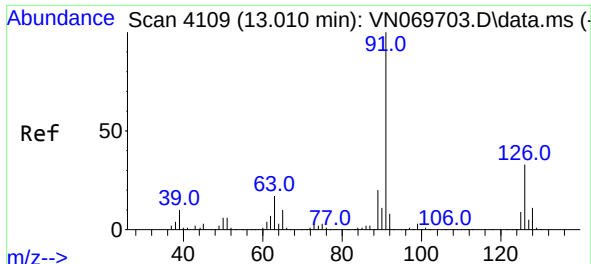


#78
n-propylbenzene
Concen: 19.352 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion: 91 Resp: 1172795
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





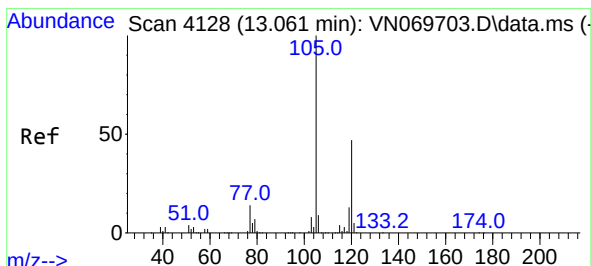
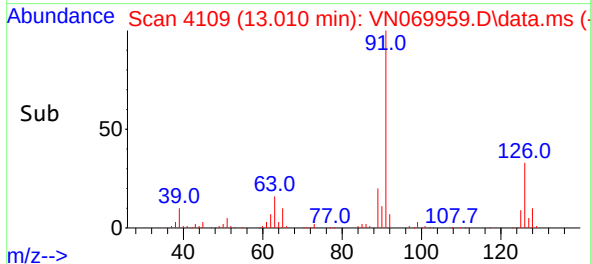
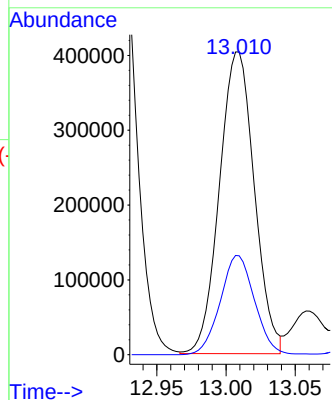
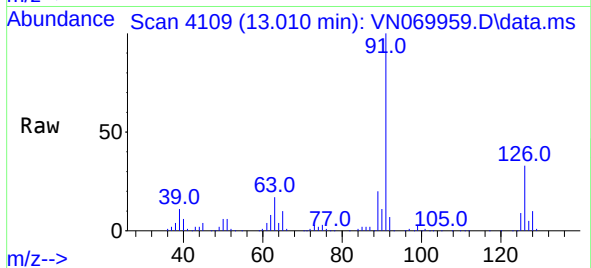
#79
2-Chlorotoluene
Concen: 18.471 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion: 91 Resp: 70731
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

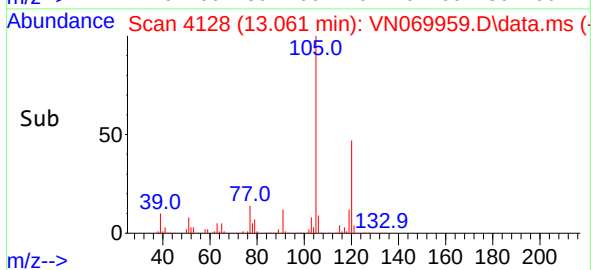
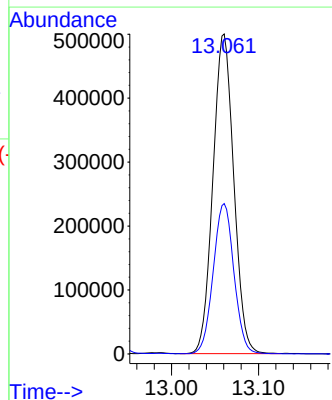
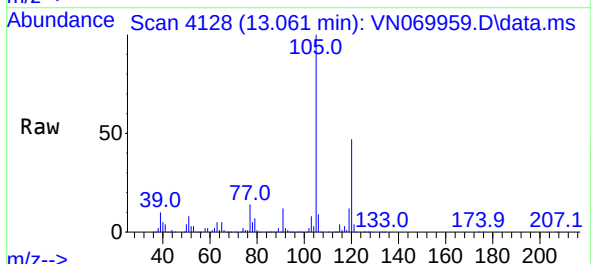
Manual Integrations
APPROVED

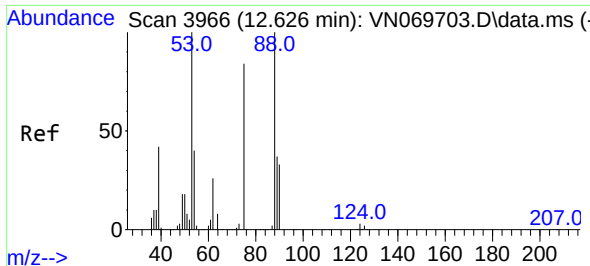
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.986 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

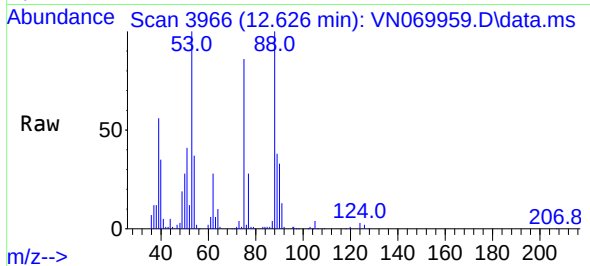
Tgt Ion:105 Resp: 832260
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.569 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

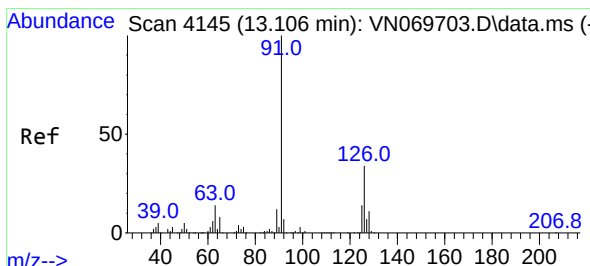
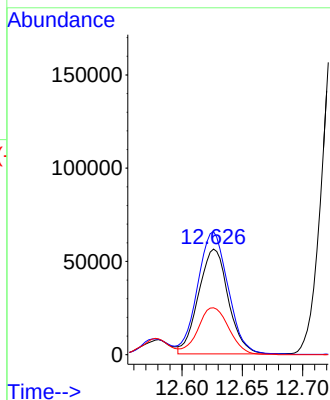
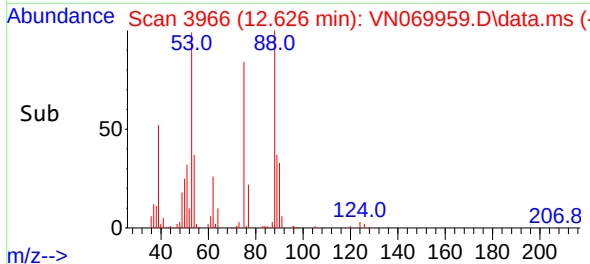
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



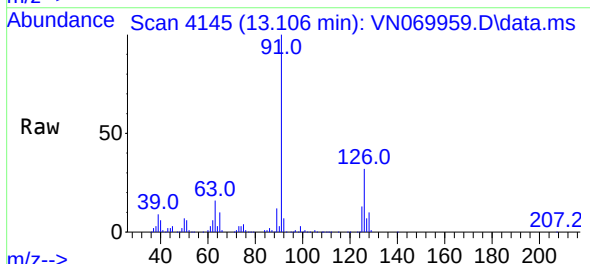
Tgt Ion: 75 Resp: 96369
Ion Ratio Lower Upper
75 100
53 120.2 90.5 135.7
89 46.4 38.2 57.4

Manual Integrations
APPROVED

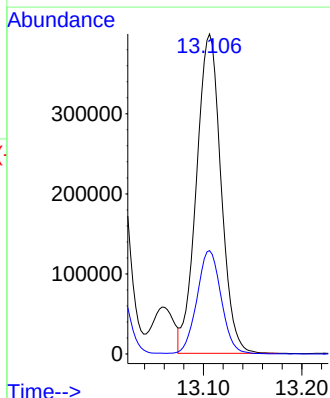
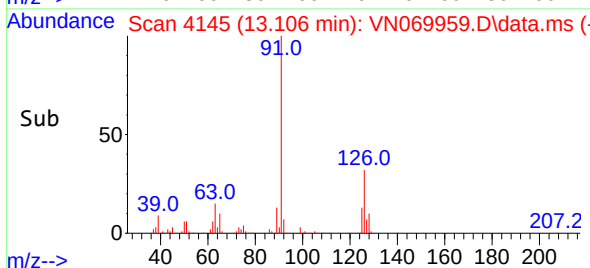
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

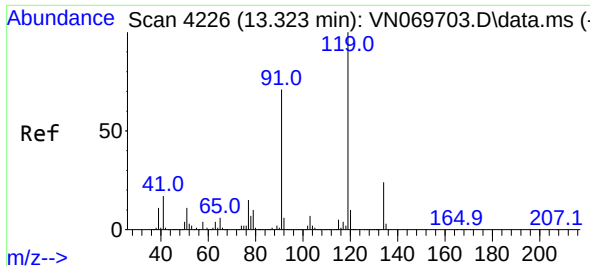


#82
4-Chlorotoluene
Concen: 19.188 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion: 91 Resp: 691009
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





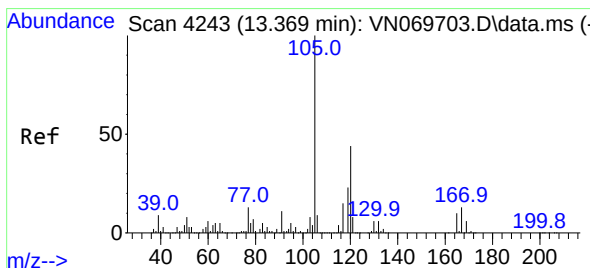
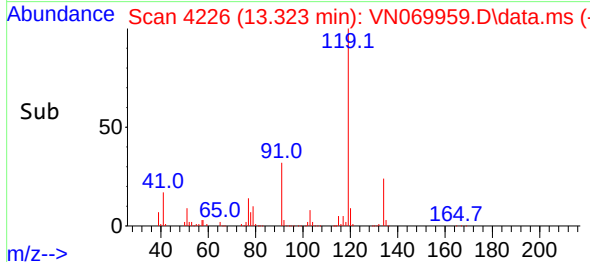
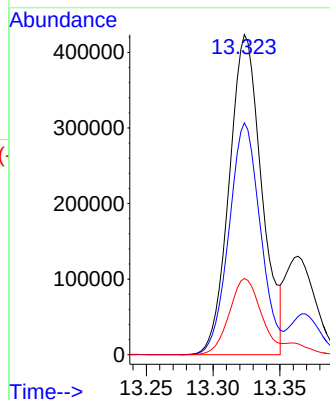
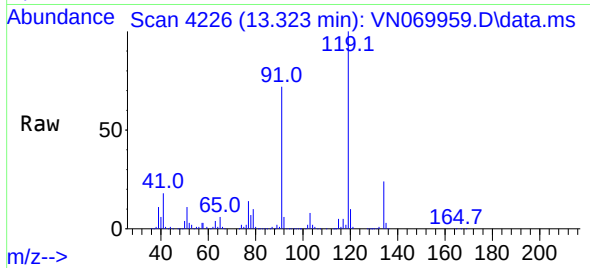
#83
tert-Butylbenzene
Concen: 18.473 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:119 Resp: 717008
Ion Ratio Lower Upper
119 100
91 70.5 31.5 94.5
134 23.7 12.4 37.4

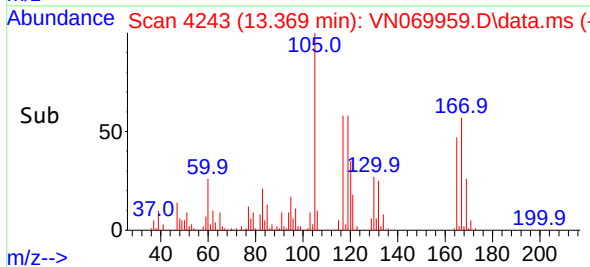
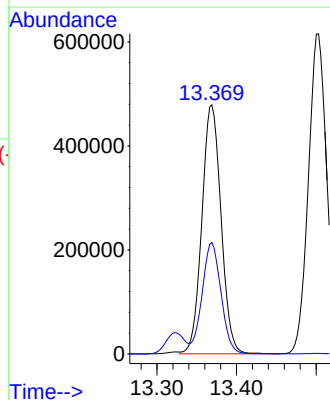
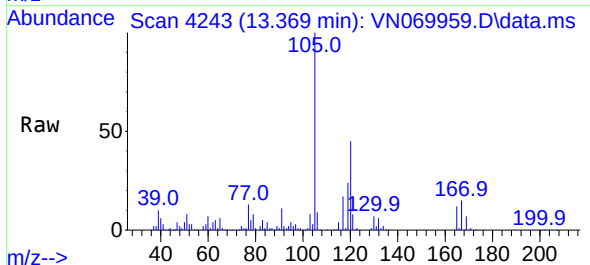
Manual Integrations
APPROVED

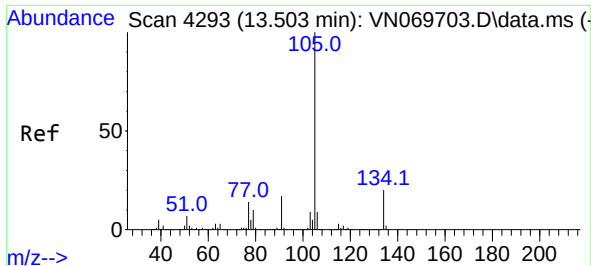
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#84
1,2,4-Trimethylbenzene
Concen: 19.186 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Tgt Ion:105 Resp: 800953
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





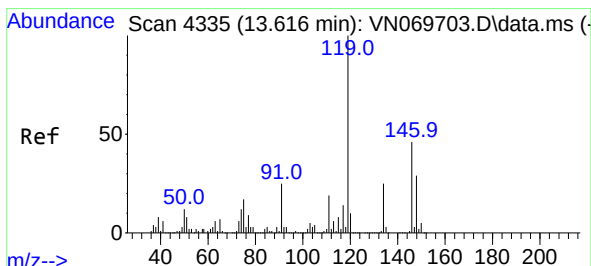
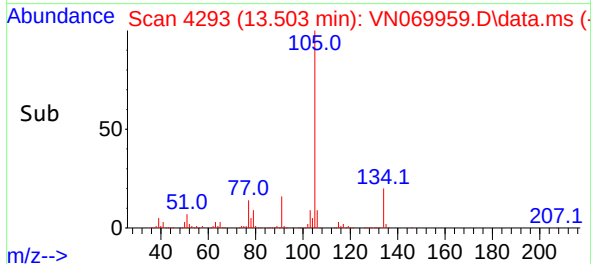
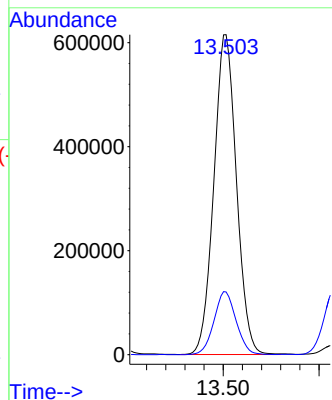
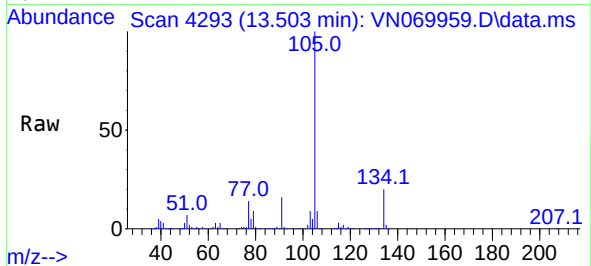
#85
 sec-Butylbenzene
 Concen: 19.065 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN069959.D
 Acq: 10 Dec 2021 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Tgt Ion:105 Resp: 1003770
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

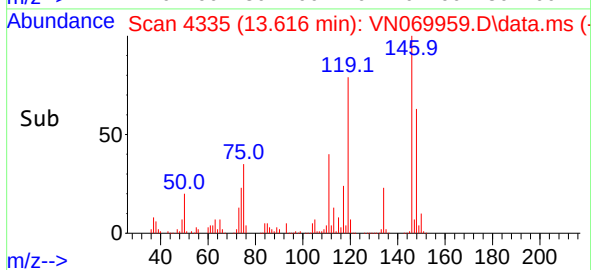
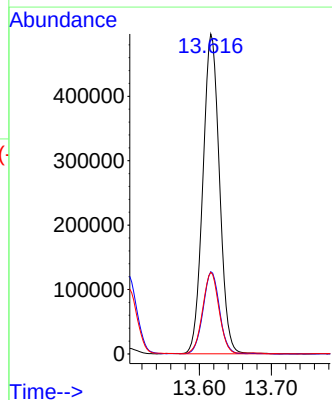
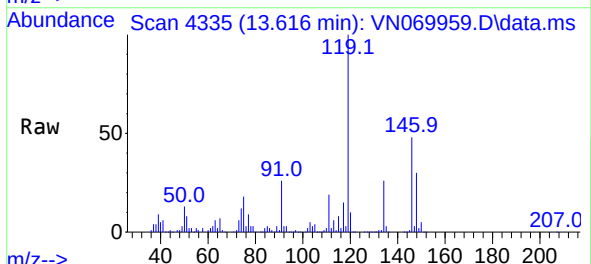
Manual Integrations
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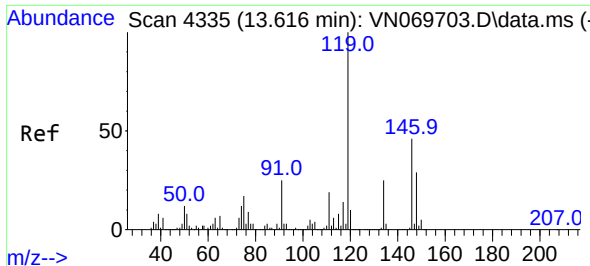
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 19.374 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069959.D
 Acq: 10 Dec 2021 15:25

Tgt Ion:119 Resp: 797298
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 25.1 11.4 34.1





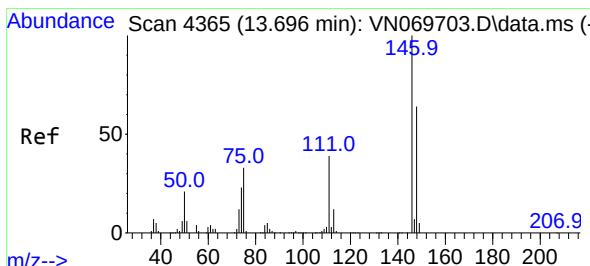
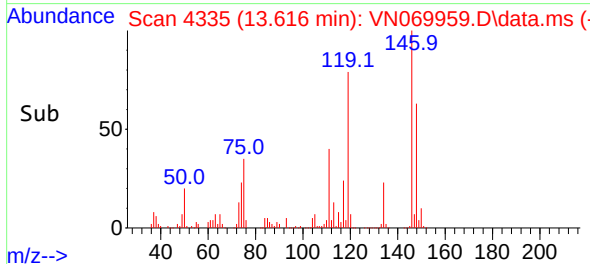
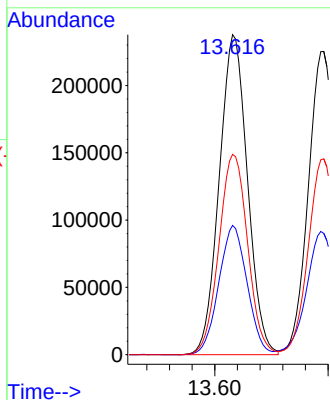
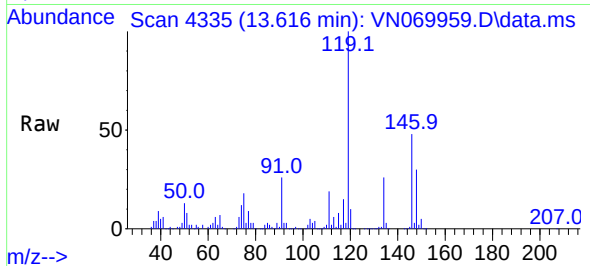
#87
1,3-Dichlorobenzene
Concen: 19.594 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:146 Resp: 41178
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 63.7 31.6 95.0

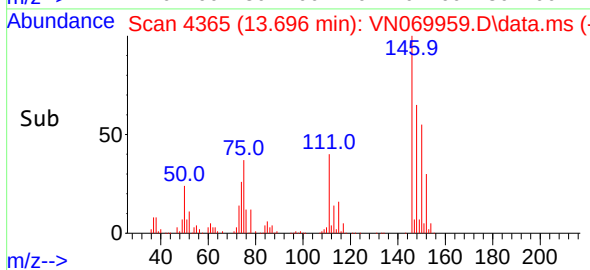
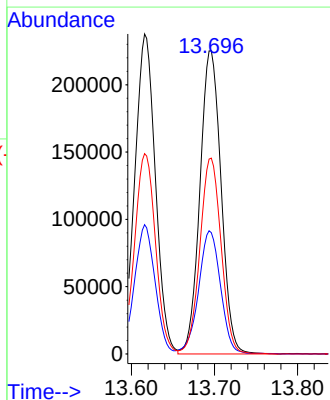
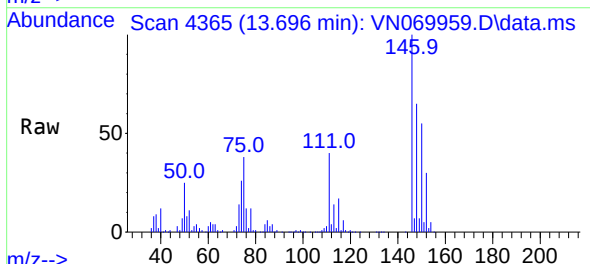
Manual Integrations
APPROVED

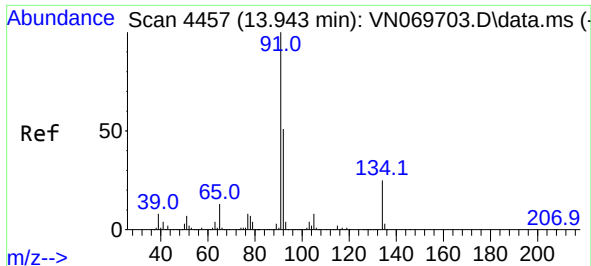
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#88
1,4-Dichlorobenzene
Concen: 19.327 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

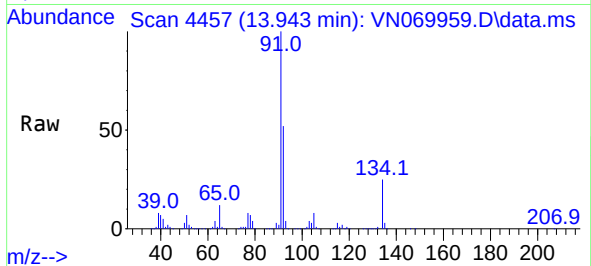
Tgt Ion:146 Resp: 399145
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 19.548 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

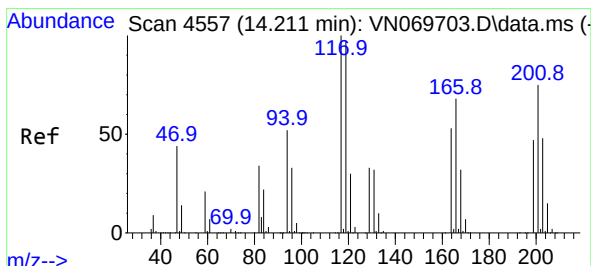
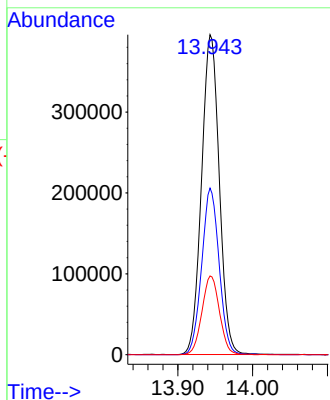
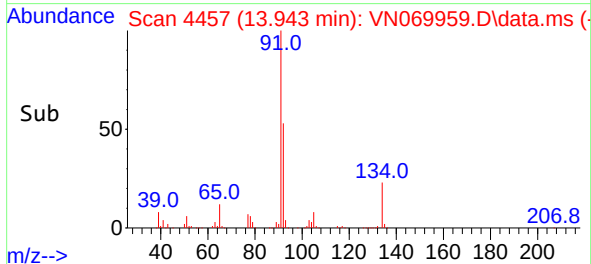
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



Tgt Ion: 91 Resp: 652559
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.3 13.6 40.8

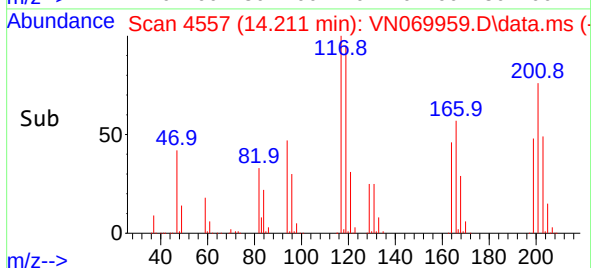
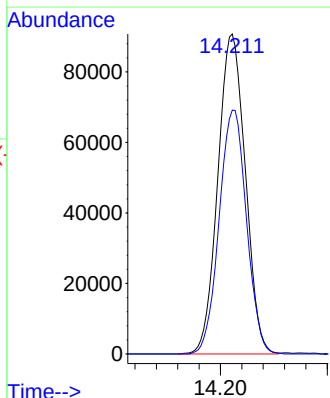
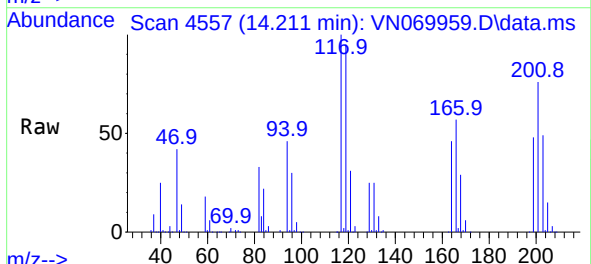
Manual Integrations
APPROVED

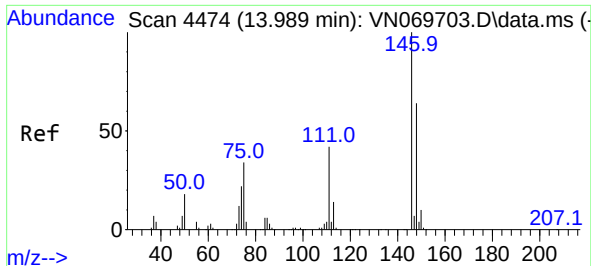
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 22.445 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

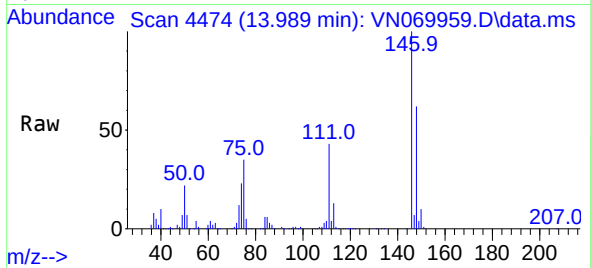
Tgt Ion:117 Resp: 162175
Ion Ratio Lower Upper
117 100
201 75.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.336 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

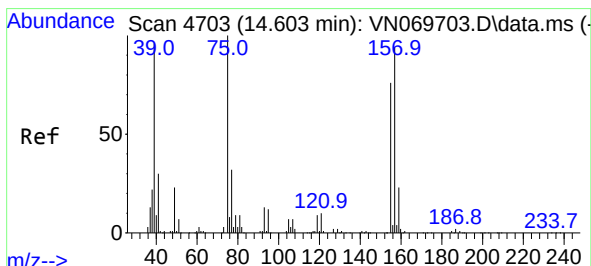
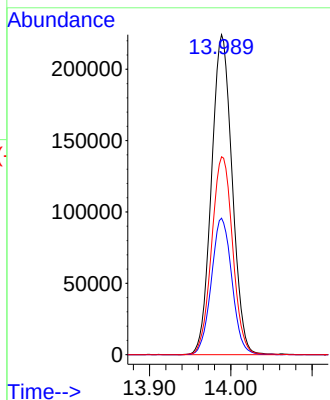
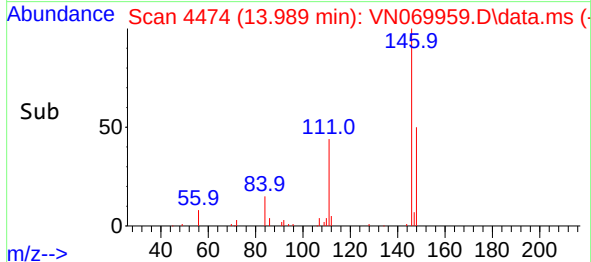
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



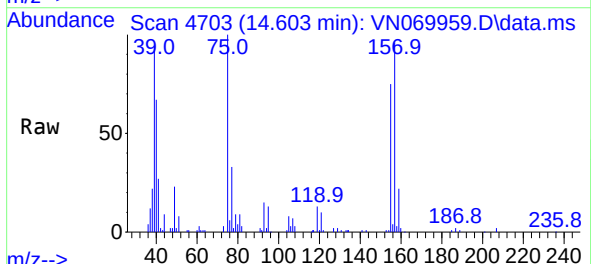
Tgt Ion:146 Resp: 395940
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 63.1 32.1 96.3

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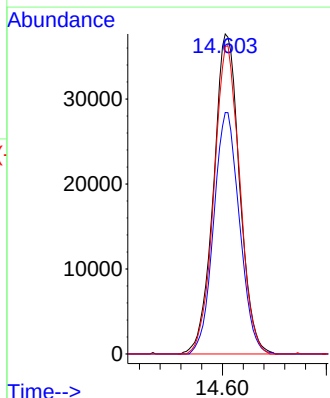
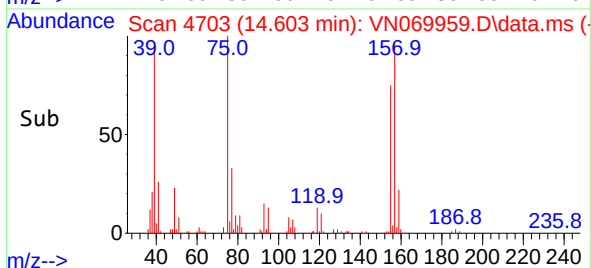
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

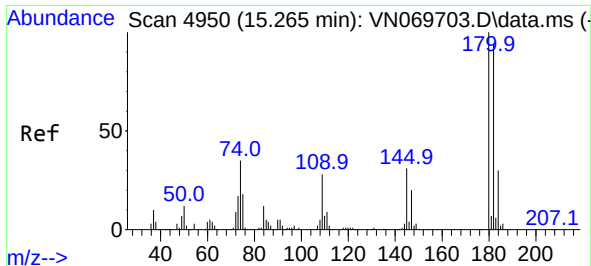


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.258 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



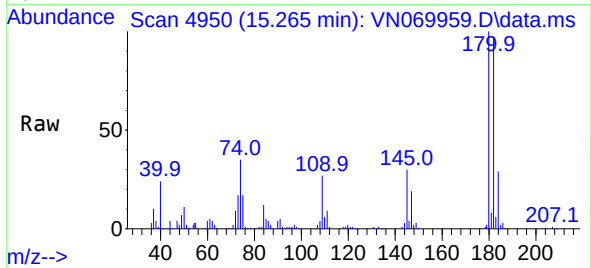
Tgt Ion: 75 Resp: 65537
Ion Ratio Lower Upper
75 100
155 74.9 46.9 140.7
157 95.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.686 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

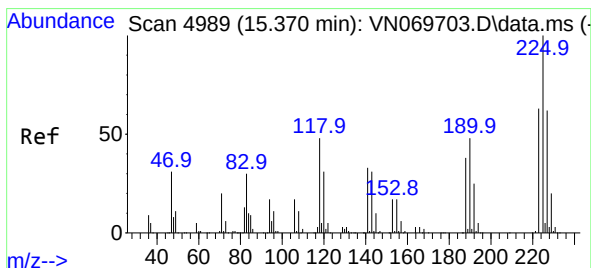
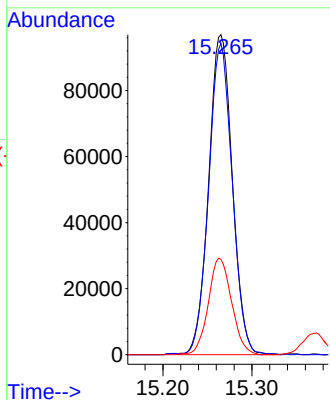
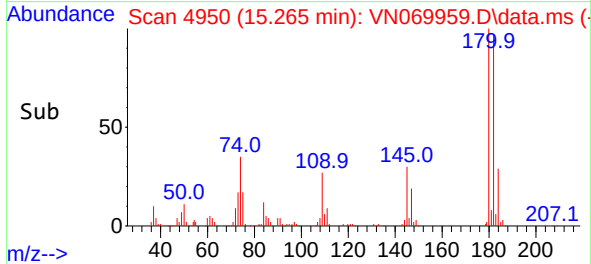
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01



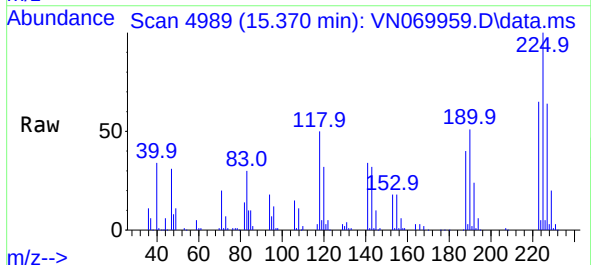
Tgt Ion:180 Resp: 17911
Ion Ratio Lower Upper
180 100
182 96.7 48.3 144.9
145 29.7 14.5 43.5

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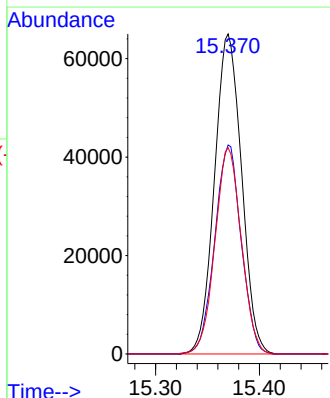
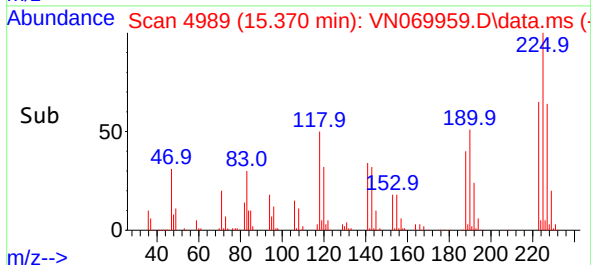
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

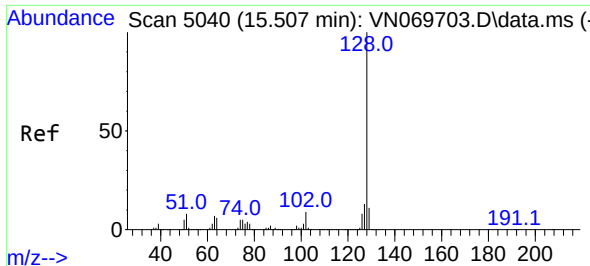


#94
Hexachlorobutadiene
Concen: 21.690 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25



Tgt Ion:225 Resp: 117705
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 62.7 32.1 96.3





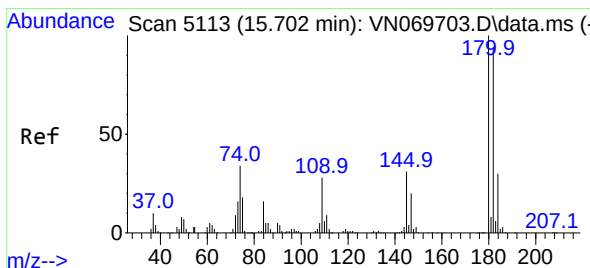
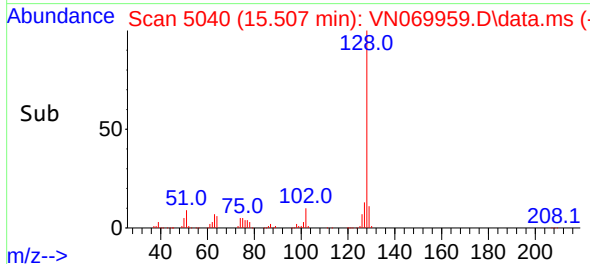
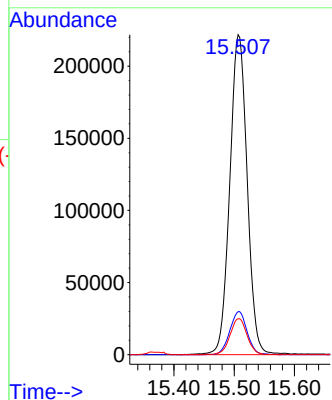
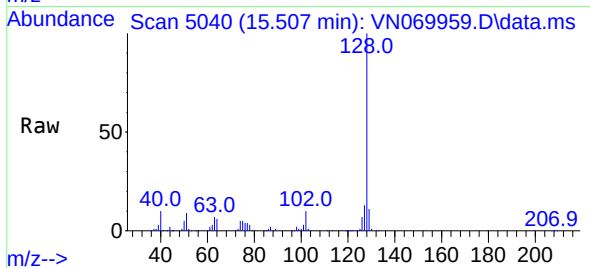
#95
Naphthalene
Concen: 17.637 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion:128 Resp: 443764
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 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: 19.237 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069959.D
Acq: 10 Dec 2021 15:25

Tgt Ion:180 Resp: 172873
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 32.2 15.0 45.1

