

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070234.D
 Acq On : 20 Dec 2021 12:30
 Operator : JC/MD
 Sample : VN1220WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 20 15:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	960222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1559001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1422204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	587655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	718209	48.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.88%		
35) Dibromofluoromethane	8.021	113	487249	49.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.80%		
50) Toluene-d8	10.440	98	1874983	47.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.64%		
62) 4-Bromofluorobenzene	12.731	95	682214	48.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.06%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	182001	16.25	ug/l	97
3) Chloromethane	2.303	50	230283	16.41	ug/l	97
4) Vinyl Chloride	2.448	62	216982	16.82	ug/l	99
5) Bromomethane	2.861	94	129225	18.44	ug/l	100
6) Chloroethane	3.025	64	138869	17.57	ug/l	96
7) Trichlorofluoromethane	3.379	101	296871	17.53	ug/l	99
8) Diethyl Ether	3.827	74	137031	21.01	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	190501	20.07	ug/l	96
10) Methyl Iodide	4.422	142	236090	18.21	ug/l #	94
11) Tert butyl alcohol	5.374	59	230047	82.09	ug/l #	83
12) 1,1-Dichloroethene	4.181	96	169739	18.56	ug/l	87
13) Acrolein	4.044	56	236990	99.30	ug/l	99
14) Allyl chloride	4.843	41	405679	19.68	ug/l	90
15) Acrylonitrile	5.554	53	709717	93.98	ug/l	98
16) Acetone	4.285	43	809992	90.82	ug/l	97
17) Carbon Disulfide	4.529	76	371292	15.71	ug/l	99
18) Methyl Acetate	4.856	43	502066	18.65	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	750921	21.11	ug/l	95
20) Methylene Chloride	5.095	84	229548	19.36	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	182374	18.36	ug/l	85
22) Diisopropyl ether	6.495	45	892259	22.15	ug/l	94
23) Vinyl Acetate	6.434	43	3410596	104.07	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	428878	20.55	ug/l	98
25) 2-Butanone	7.335	43	1088497	89.83	ug/l	91
26) 2,2-Dichloropropane	7.324	77	333432	20.55	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	233265	19.43	ug/l	85
28) Bromochloromethane	7.656	49	192023	17.70	ug/l #	78
29) Tetrahydrofuran	7.686	42	678535	92.22	ug/l	87
30) Chloroform	7.817	83	435557	20.67	ug/l	97
31) Cyclohexane	8.094	56	390849	18.94	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	350209	19.51	ug/l	97
36) 1,1-Dichloropropene	8.220	75	293375	19.77	ug/l	96
37) Ethyl Acetate	7.410	43	425081	19.24	ug/l	95
38) Carbon Tetrachloride	8.206	117	278251	19.12	ug/l	98
39) Methylcyclohexane	9.459	83	339133	19.21	ug/l	88
40) Benzene	8.458	78	920091	20.28	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	212151	20.46	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	375896	20.53	ug/l	98
43) Isopropyl Acetate	8.560	43	651402	19.93	ug/l	95
44) Trichloroethene	9.215	130	210640	19.45	ug/l	87
45) 1,2-Dichloropropane	9.488	63	259823	21.33	ug/l	100
46) Dibromomethane	9.574	93	161666	20.24	ug/l	94
47) Bromodichloromethane	9.762	83	325418	21.51	ug/l	98
48) Methyl methacrylate	9.558	41	299670	19.64	ug/l	85
49) 1,4-Dioxane	9.569	88	95373	348.43	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2107386	99.38	ug/l	96
52) Toluene	10.505	92	559498	20.20	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	330832	19.96	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	370762	20.64	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	234168	20.96	ug/l	97
56) Ethyl methacrylate	10.760	69	382278	19.58	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	419608	21.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	410216	85.14	ug/l	91
59) 2-Hexanone	11.084	43	1501565	93.60	ug/l	94
60) Dibromochloromethane	11.237	129	222385	20.07	ug/l	100
61) 1,2-Dibromoethane	11.344	107	229415	19.82	ug/l	99
64) Tetrachloroethene	10.977	164	196574	20.38	ug/l	96
65) Chlorobenzene	11.768	112	593973	20.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	215691	21.24	ug/l	98
67) Ethyl Benzene	11.843	91	1092039	20.84	ug/l	96
68) m/p-Xylenes	11.950	106	806932	42.29	ug/l	93
69) o-Xylene	12.278	106	397823	20.70	ug/l	90
70) Styrene	12.294	104	635622	20.85	ug/l	95
71) Bromoform	12.457	173	154206	19.52	ug/l #	100
73) Isopropylbenzene	12.578	105	1051221	20.11	ug/l	98
74) N-amyl acetate	12.387	43	435762	18.85	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	363146	20.09	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	327667m	19.44	ug/l	
77) Bromobenzene	12.860	156	240306	19.57	ug/l	77
78) n-propylbenzene	12.919	91	1185742	20.38	ug/l	96
79) 2-Chlorotoluene	13.007	91	748171	20.35	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	861675	20.48	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	86407	19.48	ug/l	93
82) 4-Chlorotoluene	13.104	91	709705	20.53	ug/l	91
83) tert-Butylbenzene	13.321	119	743017	19.94	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	846058	21.11	ug/l	96
85) sec-Butylbenzene	13.500	105	1020126	20.18	ug/l	97
86) p-Isopropyltoluene	13.616	119	809715	20.49	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	410016	20.32	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	391870	19.76	ug/l	96
89) n-Butylbenzene	13.940	91	631179	19.69	ug/l	97
90) Hexachloroethane	14.209	117	131017	18.89	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	399541	20.32	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58147	17.80	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	177941	20.27	ug/l	99
94) Hexachlorobutadiene	15.367	225	110075	21.13	ug/l	99
95) Naphthalene	15.504	128	448774	18.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	174500	20.10	ug/l	98

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ClientSampleId :
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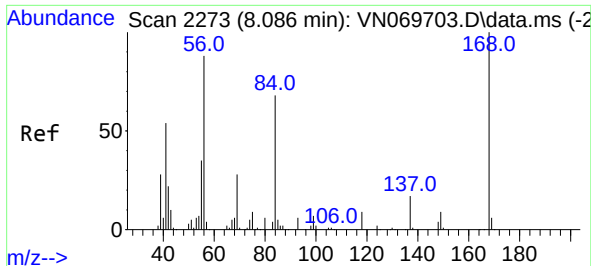
Manual Integrations
APPROVED

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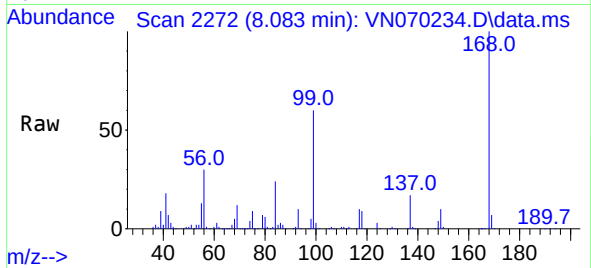
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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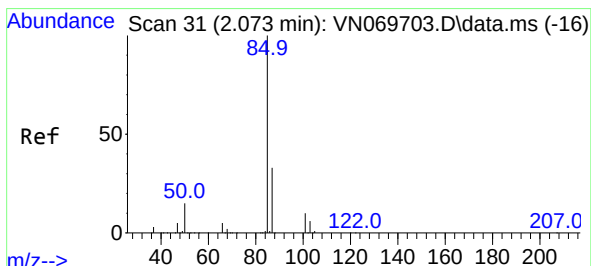
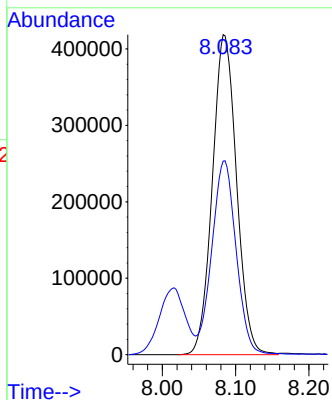
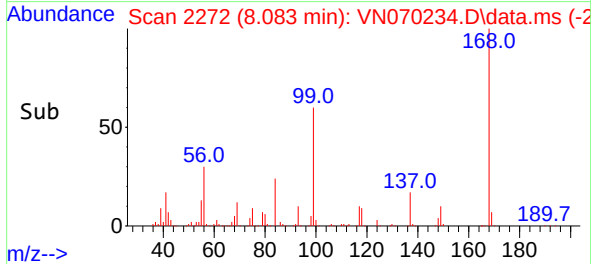
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 96022
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

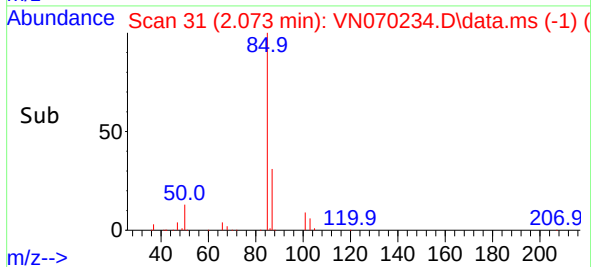
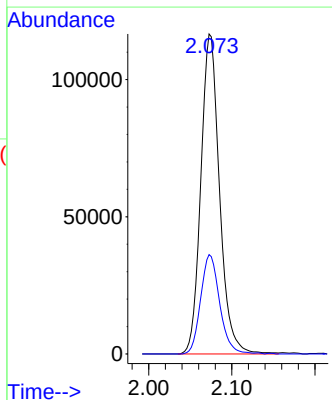
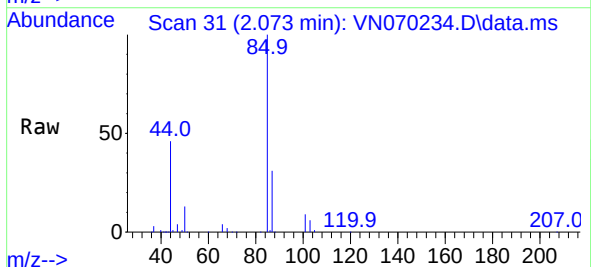
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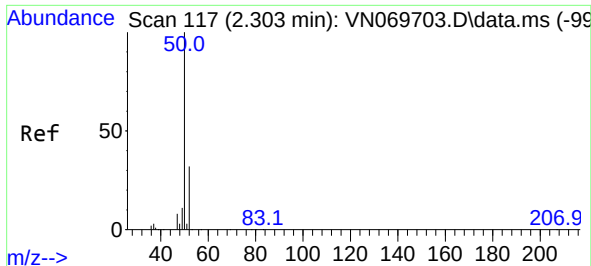
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#2
Dichlorodifluoromethane
Concen: 16.25 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

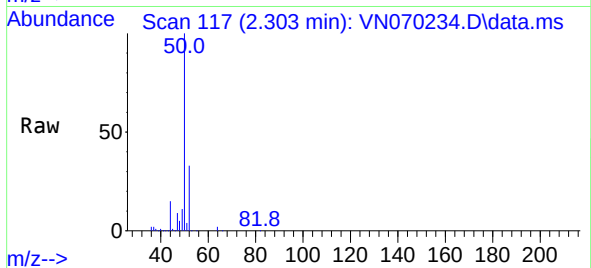
Tgt Ion: 85 Resp: 182001
Ion Ratio Lower Upper
85 100
87 31.1 16.3 48.9





#3
Chloromethane
Concen: 16.41 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

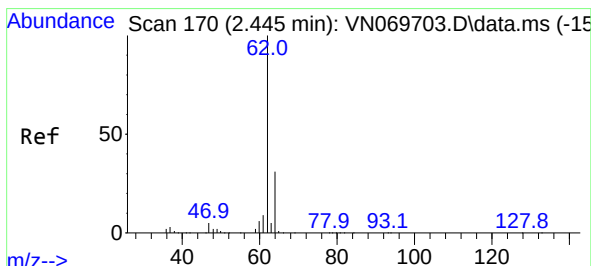
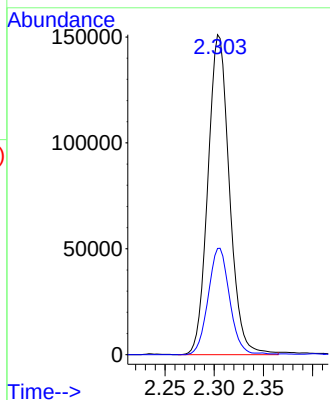
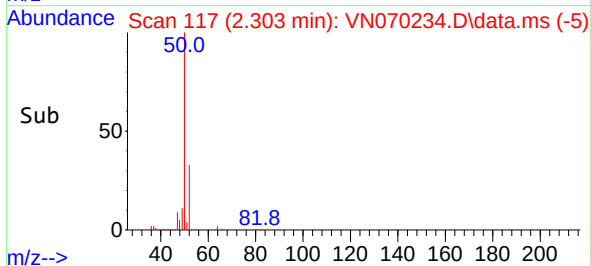
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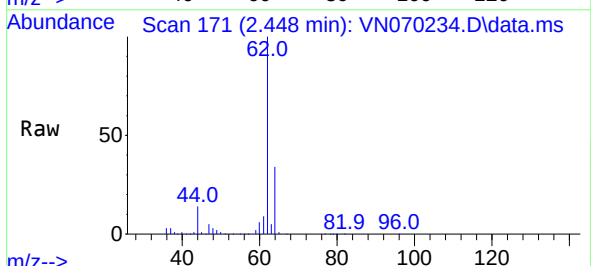
Tgt Ion: 50 Resp: 230283
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0

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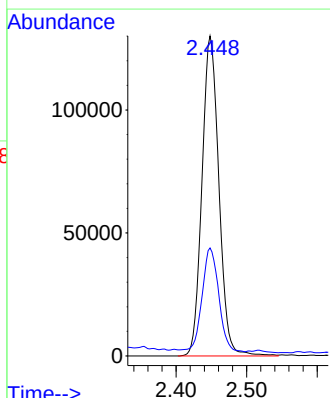
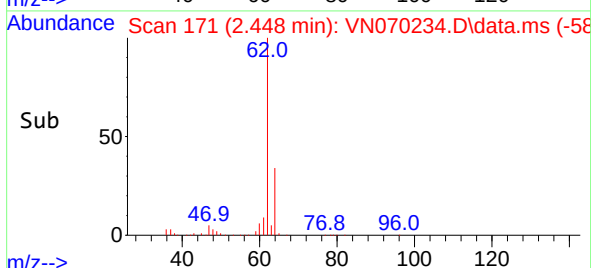
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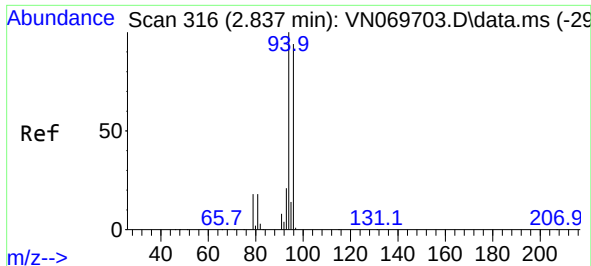


#4
Vinyl Chloride
Concen: 16.82 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



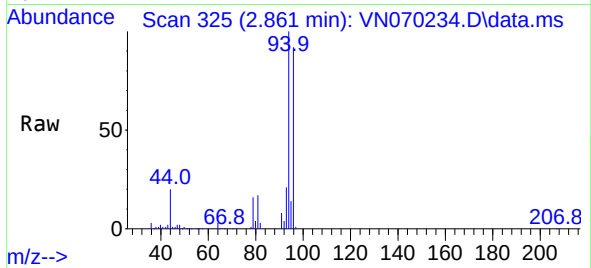
Tgt Ion: 62 Resp: 216982
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6





#5
Bromomethane
Concen: 18.44 ug/l
RT: 2.861 min Scan# 316
Delta R.T. 0.024 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

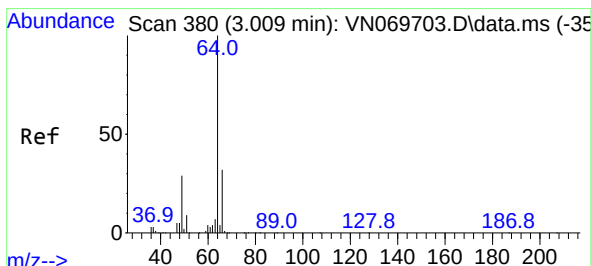
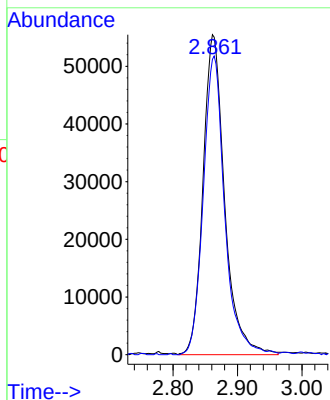
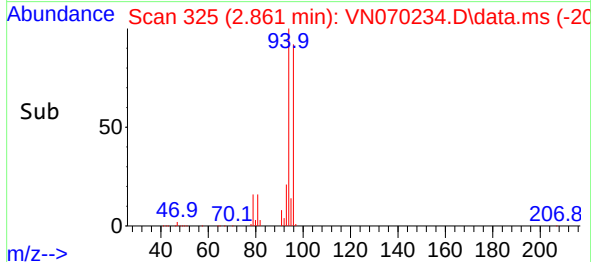
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Tgt Ion: 94 Resp: 129225
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.8

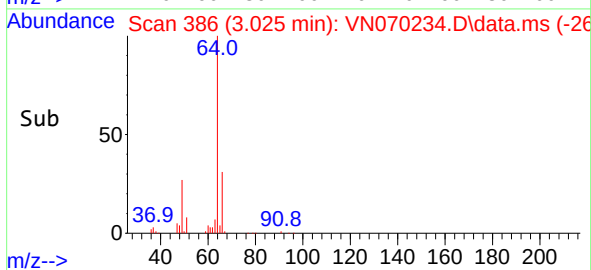
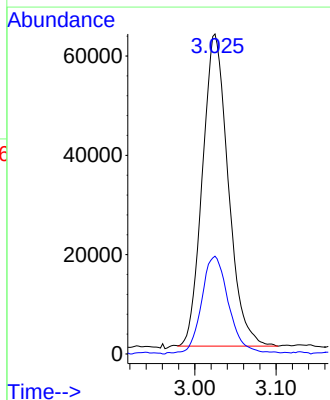
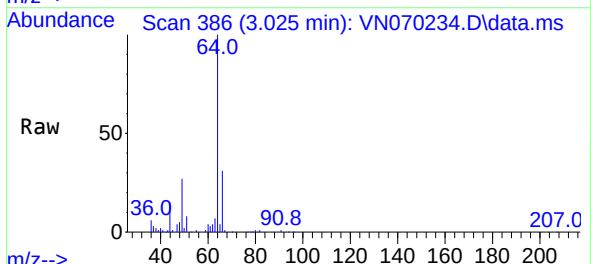
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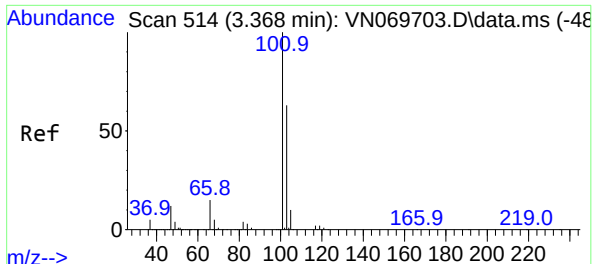
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#6
Chloroethane
Concen: 17.57 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.016 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion: 64 Resp: 138869
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





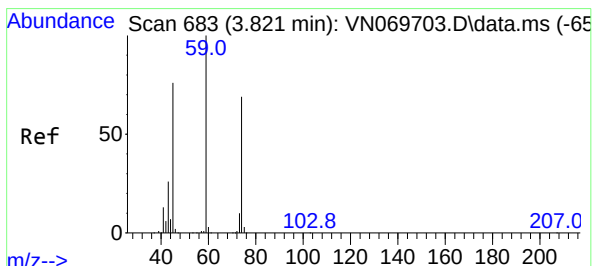
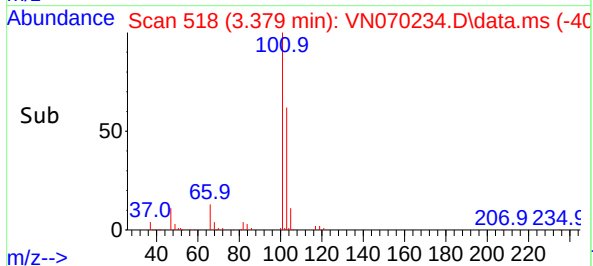
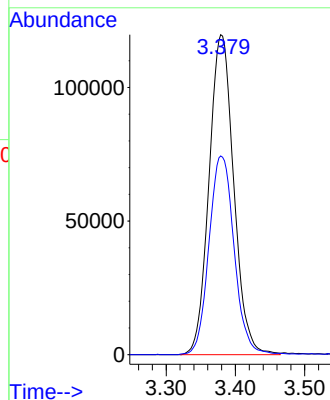
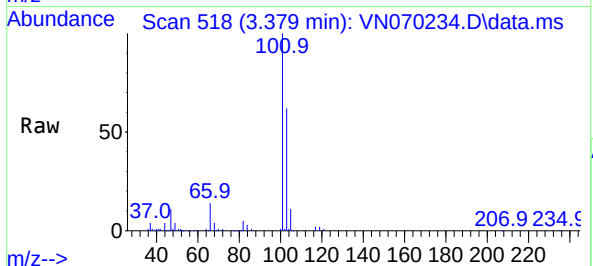
#7
Trichlorofluoromethane
Concen: 17.53 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
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Tgt Ion:101 Resp: 29687
Ion Ratio Lower Upper
101 100
103 62.0 50.1 75.1

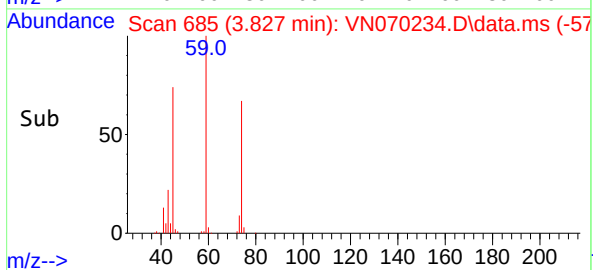
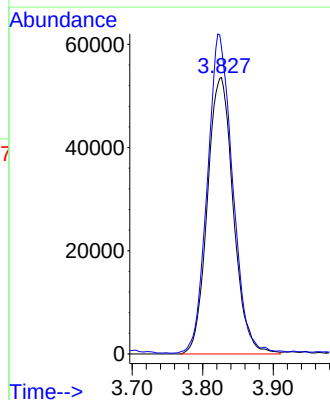
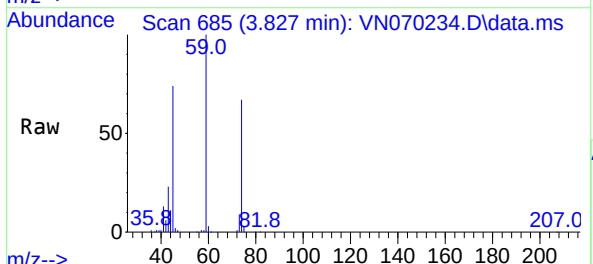
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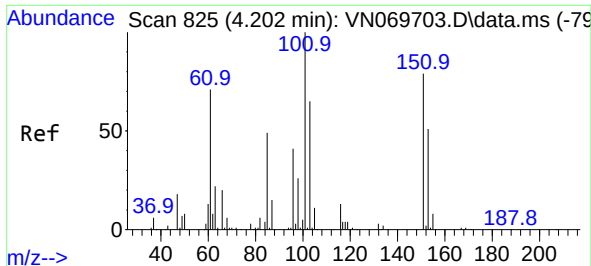
Reviewed By :John Carlone 12/21/2021
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#8
Diethyl Ether
Concen: 21.01 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.005 min
Lab File: VN070234.D
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Tgt Ion: 74 Resp: 137031
Ion Ratio Lower Upper
74 100
45 111.2 47.0 141.2





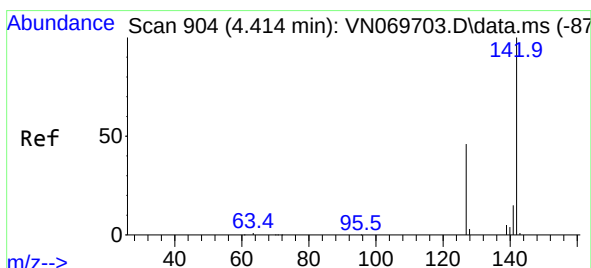
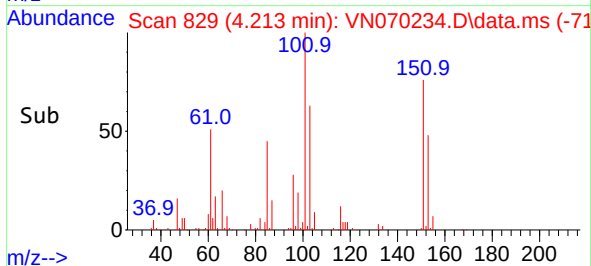
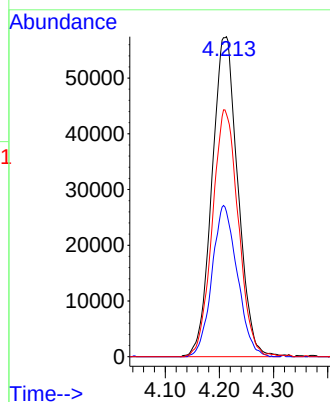
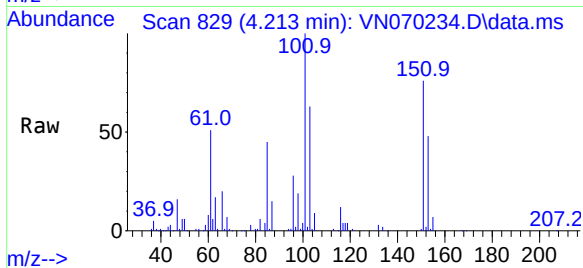
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.07 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.011 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion:101 Resp: 19050
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 77.2 65.9 98.9

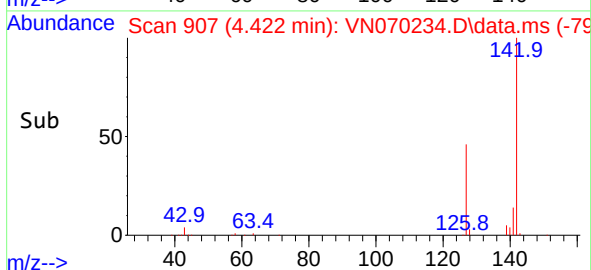
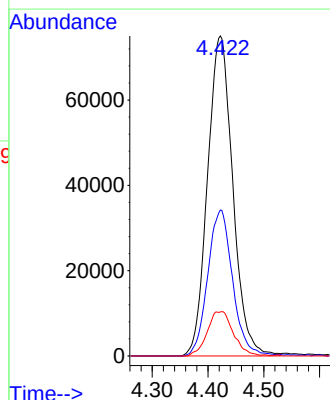
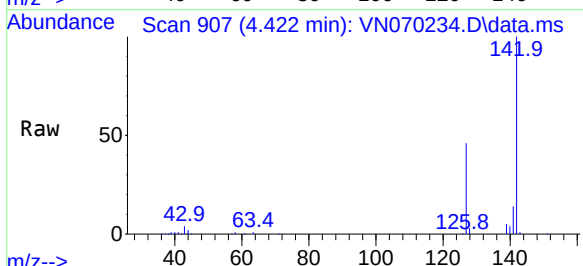
Manual Integrations
APPROVED

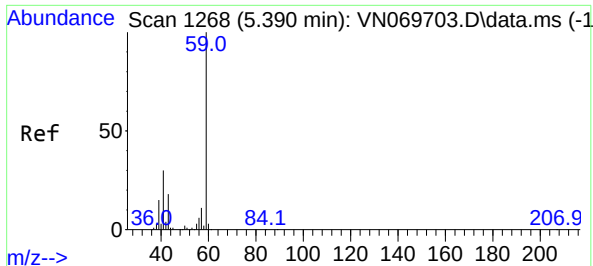
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 18.21 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

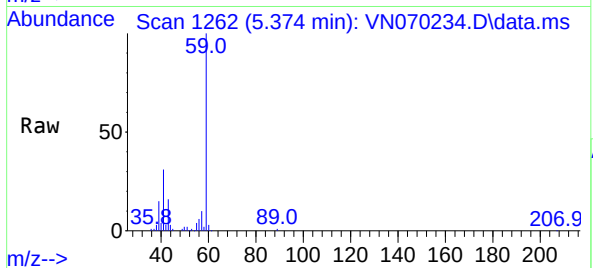
Tgt Ion:142 Resp: 236090
Ion Ratio Lower Upper
142 100
127 45.0 35.4 53.0
141 6.7 11.6 17.4#





#11
Tert butyl alcohol
Concen: 82.09 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

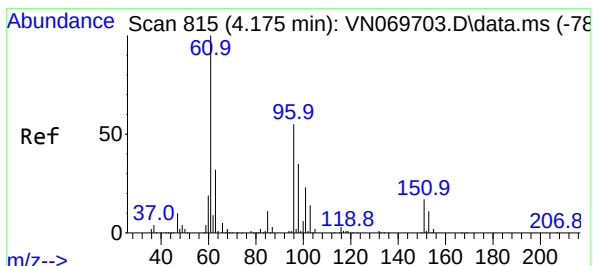
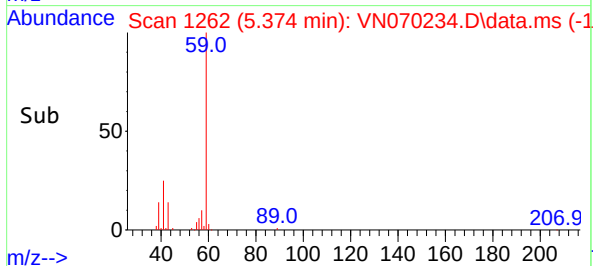
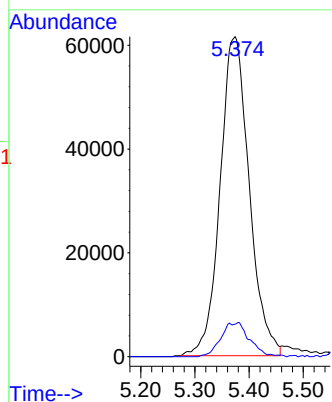
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 59 Resp: 23004
Ion Ratio Lower Upper
59 100
57 4.5 8.7 13.1

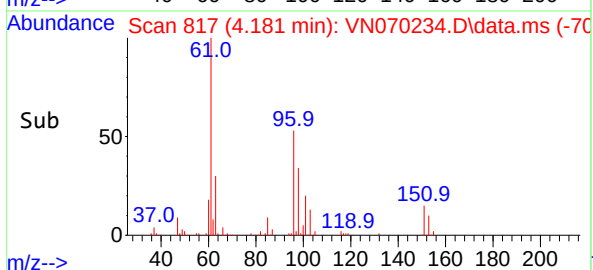
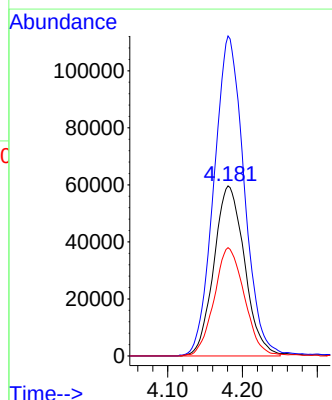
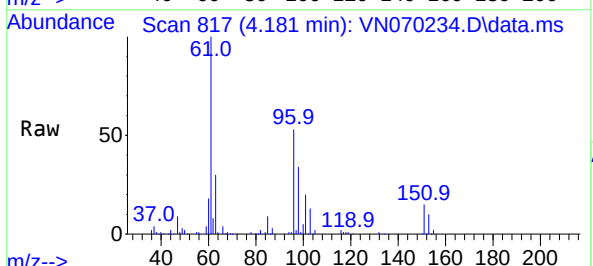
Manual Integrations
APPROVED

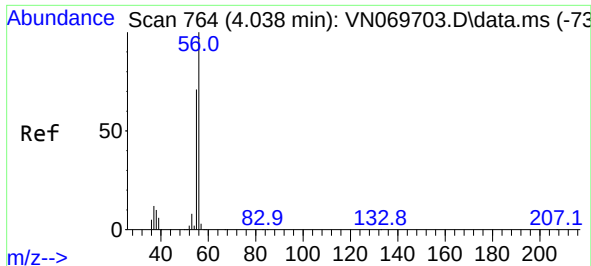
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 18.56 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

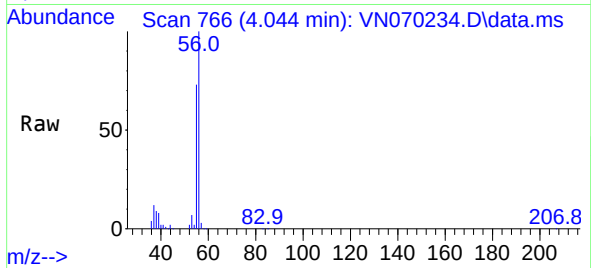
Tgt Ion: 96 Resp: 169739
Ion Ratio Lower Upper
96 100
61 187.6 131.0 196.6
98 63.7 52.4 78.6





#13
Acrolein
Concen: 99.30 ug/l
RT: 4.044 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

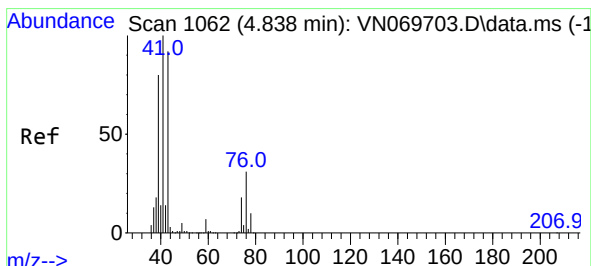
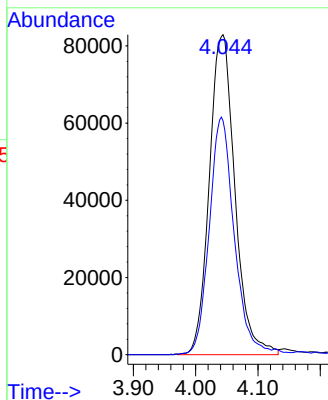
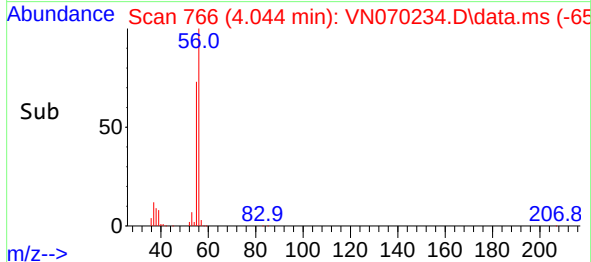
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



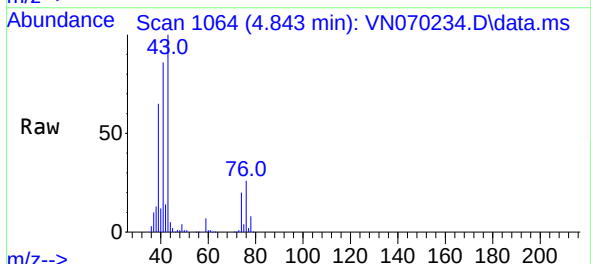
Tgt Ion: 56 Resp: 236990
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

Manual Integrations
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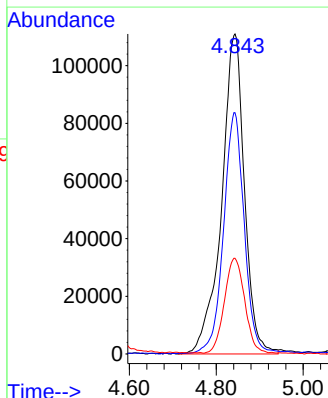
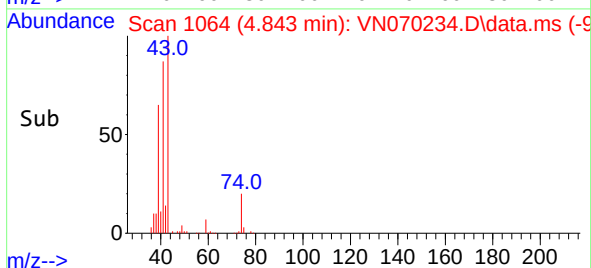
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

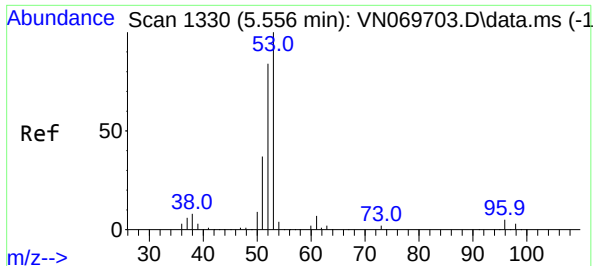


#14
Allyl chloride
Concen: 19.68 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



Tgt Ion: 41 Resp: 405679
Ion Ratio Lower Upper
41 100
39 67.9 61.2 91.8
76 26.2 26.0 39.0





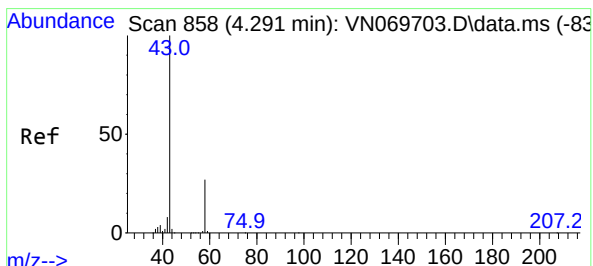
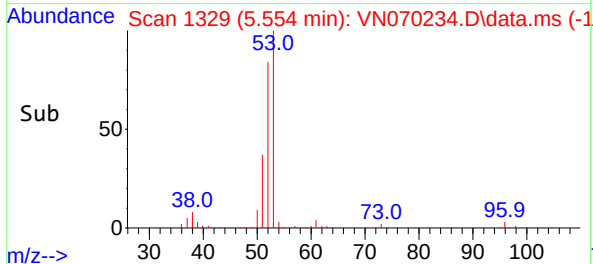
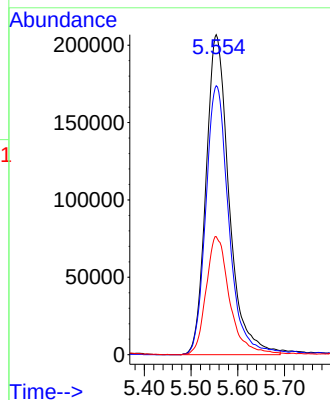
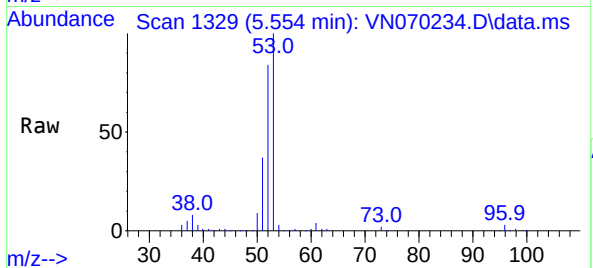
#15
Acrylonitrile
Concen: 93.98 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion: 53 Resp: 70971
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.9 29.6 44.4

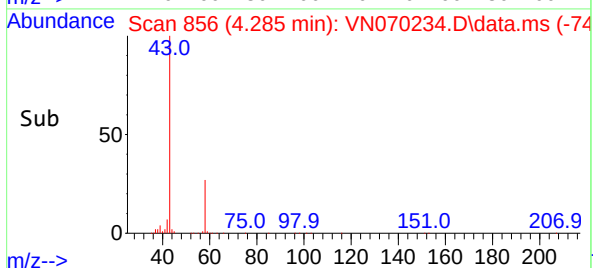
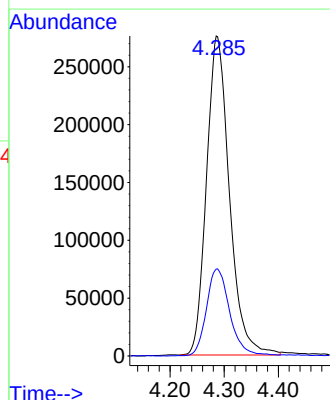
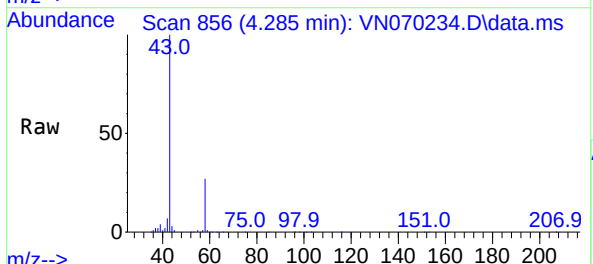
Manual Integrations
APPROVED

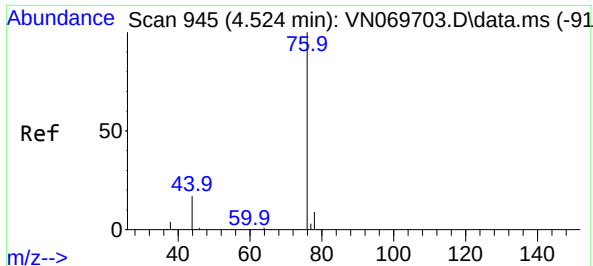
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 90.82 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion: 43 Resp: 809992
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





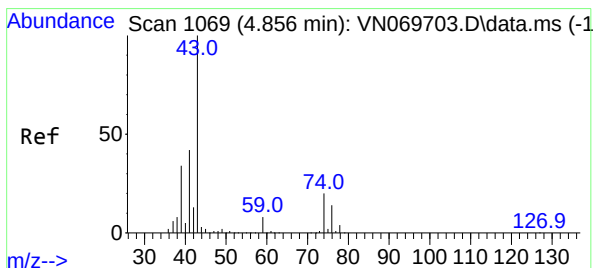
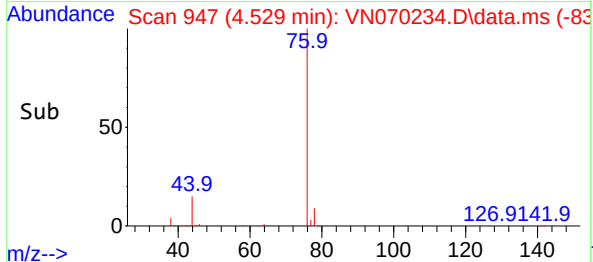
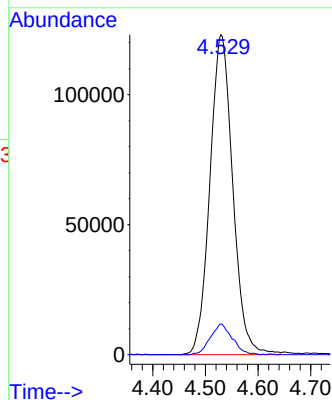
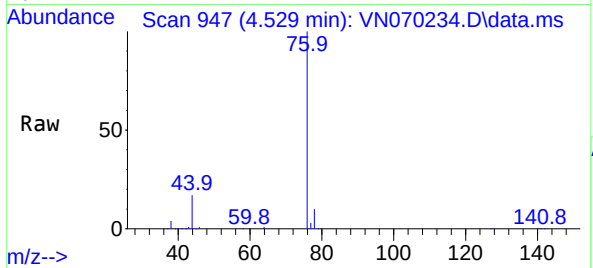
#17
Carbon Disulfide
Concen: 15.71 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion: 76 Resp: 371292
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

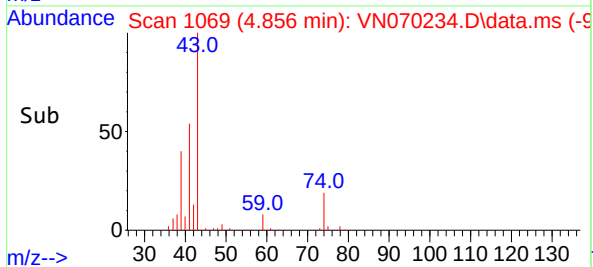
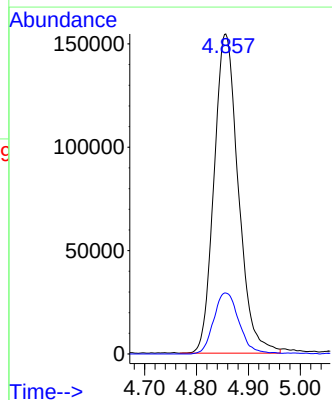
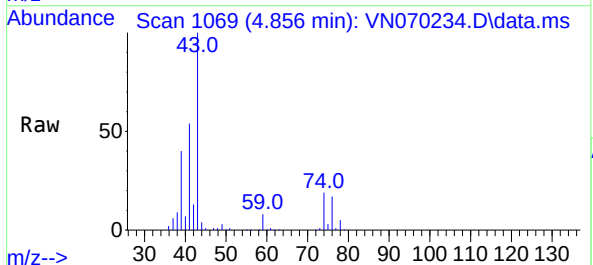
Manual Integrations
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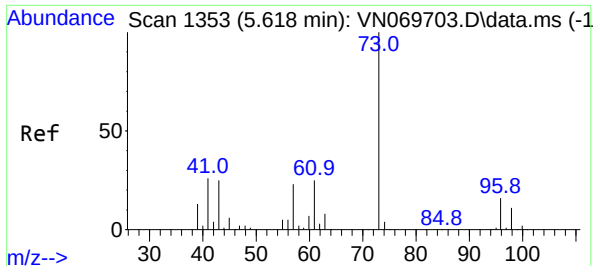
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#18
Methyl Acetate
Concen: 18.65 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion: 43 Resp: 502066
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 21.11 ug/l

RT: 5.615 min Scan# 1152

Delta R.T. -0.003 min

Lab File: VN070234.D

Acq: 20 Dec 2021 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 73 Resp: 75092

Ion Ratio Lower Upper

73 100

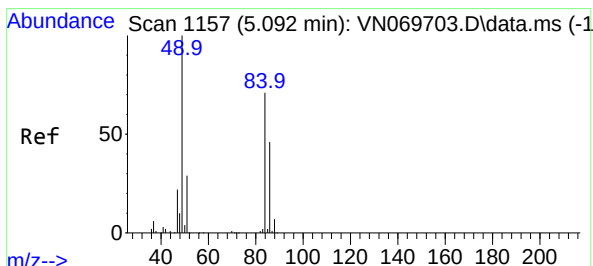
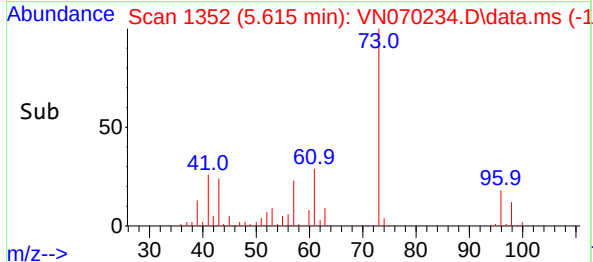
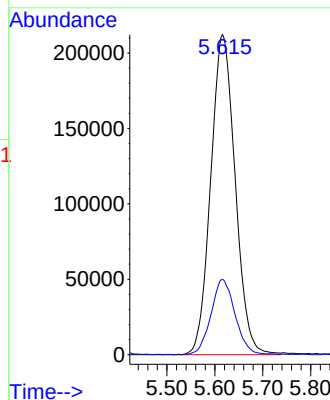
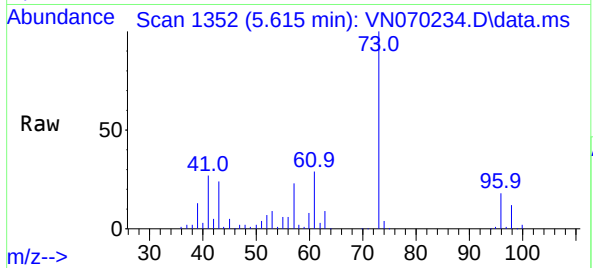
57 23.4 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#20

Methylene Chloride

Concen: 19.36 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN070234.D

Acq: 20 Dec 2021 12:30

Tgt Ion: 84 Resp: 229548

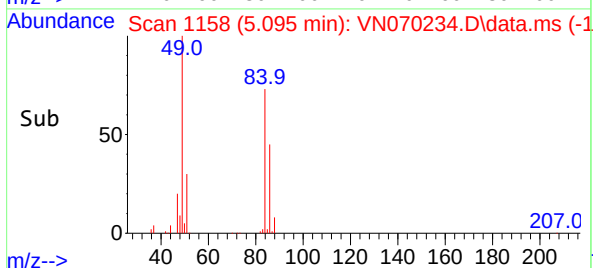
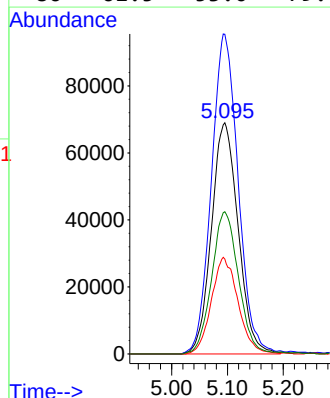
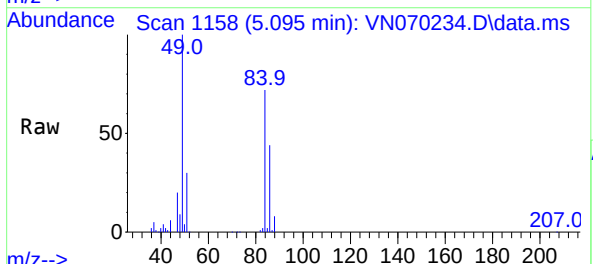
Ion Ratio Lower Upper

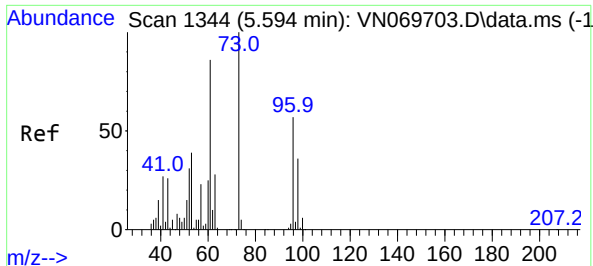
84 100

49 138.3 93.5 140.3

51 41.0 29.4 44.2

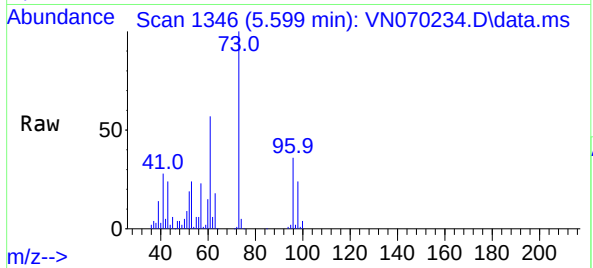
86 61.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.36 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

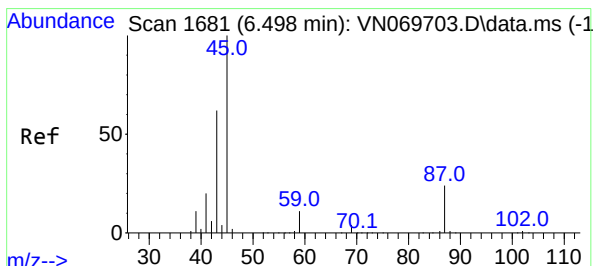
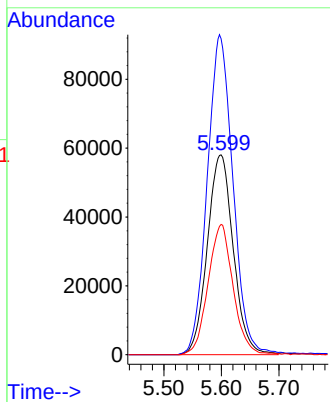
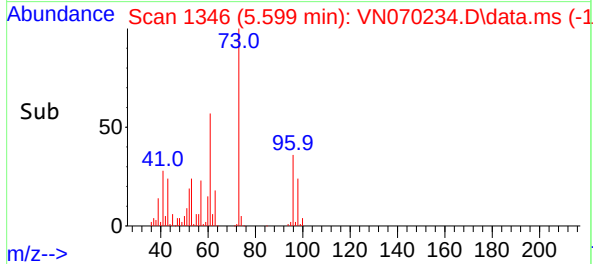
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



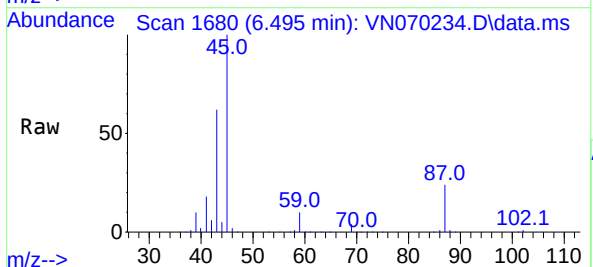
Tgt Ion: 96 Resp: 182374
Ion Ratio Lower Upper
96 100
61 158.1 105.8 158.6
98 65.2 52.0 78.0

Manual Integrations
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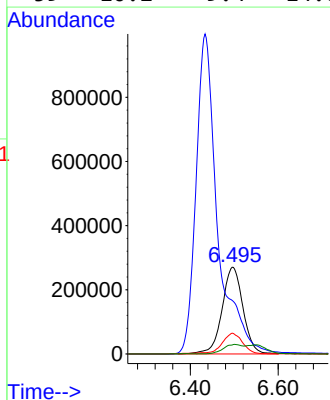
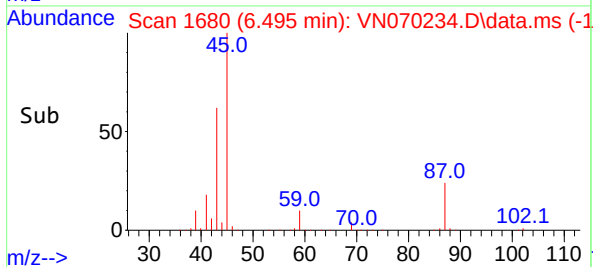
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

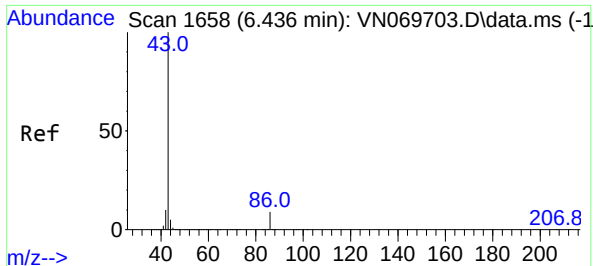


#22
Diisopropyl ether
Concen: 22.15 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



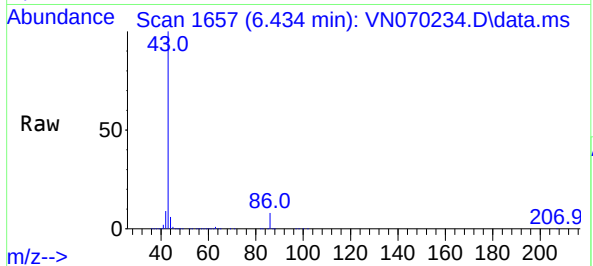
Tgt Ion: 45 Resp: 892259
Ion Ratio Lower Upper
45 100
43 60.6 51.7 77.5
87 23.8 23.2 34.8
59 10.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 104.07 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070234.D
 Acq: 20 Dec 2021 12:30

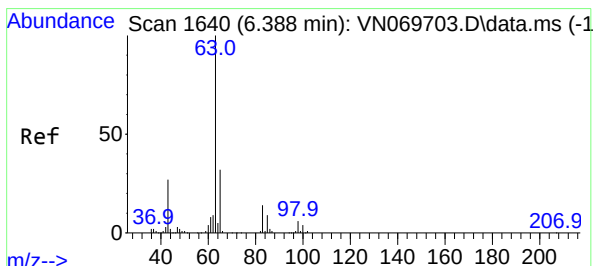
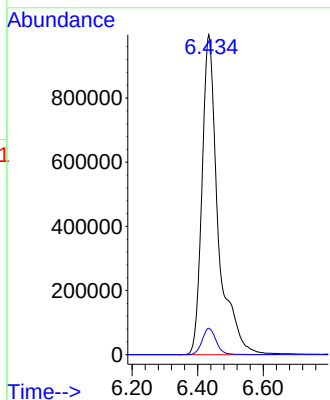
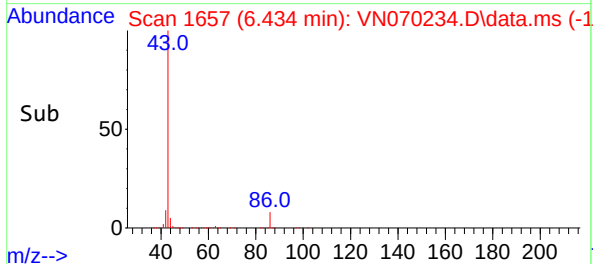
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBS01



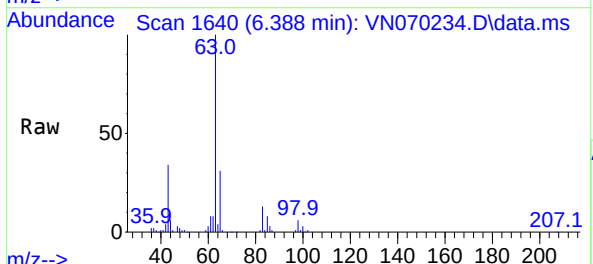
Tgt Ion: 43 Resp: 3410590
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
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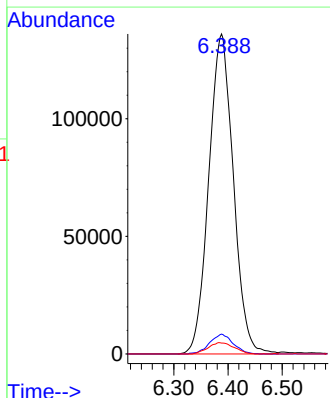
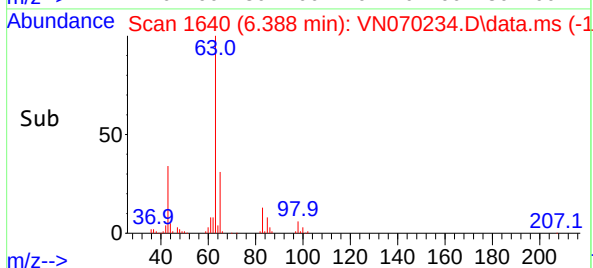
Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021

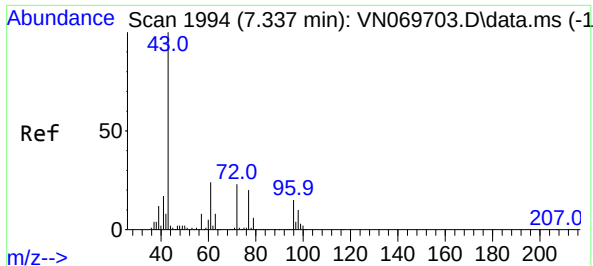


#24
 1,1-Dichloroethane
 Concen: 20.55 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070234.D
 Acq: 20 Dec 2021 12:30



Tgt Ion: 63 Resp: 428878
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.4 2.1 6.5





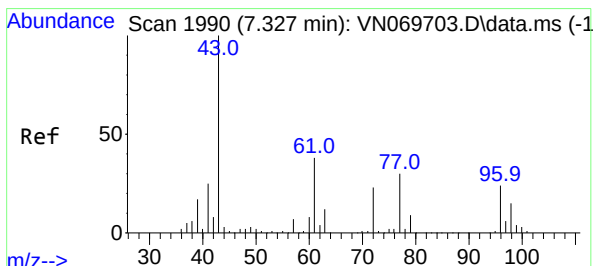
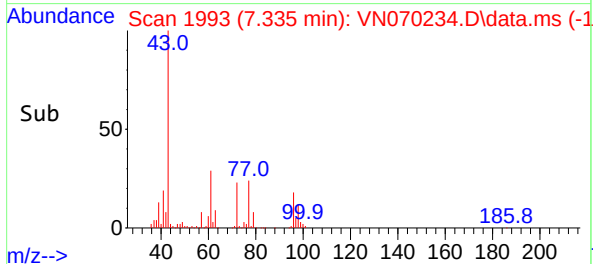
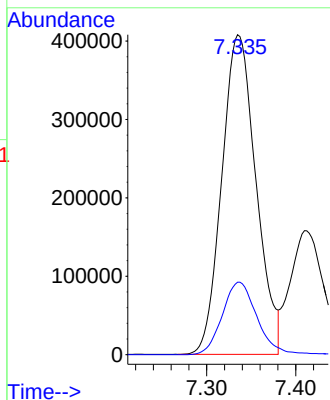
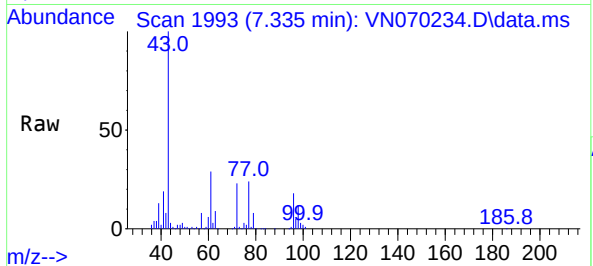
#25
2-Butanone
Concen: 89.83 ug/l
RT: 7.335 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion: 43 Resp: 108849
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

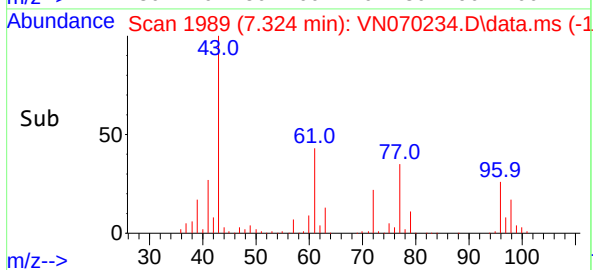
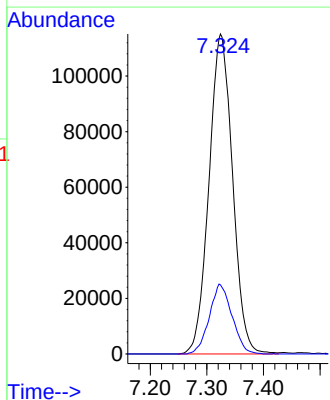
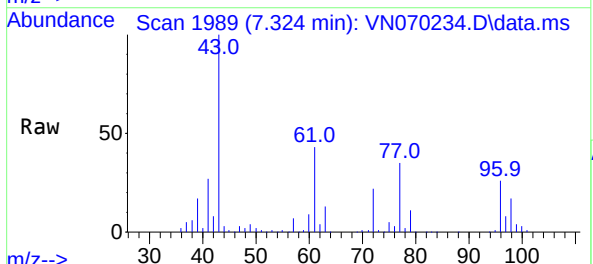
Manual Integrations
APPROVED

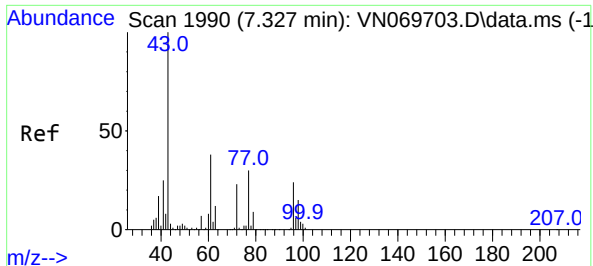
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#26
2,2-Dichloropropane
Concen: 20.55 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

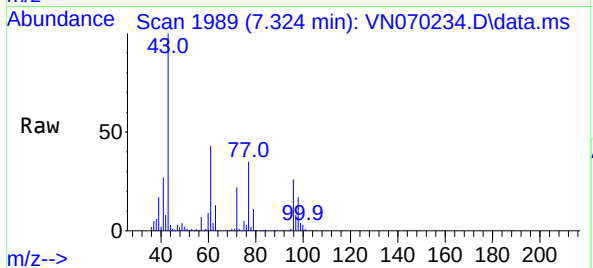
Tgt Ion: 77 Resp: 333432
Ion Ratio Lower Upper
77 100
97 21.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.43 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

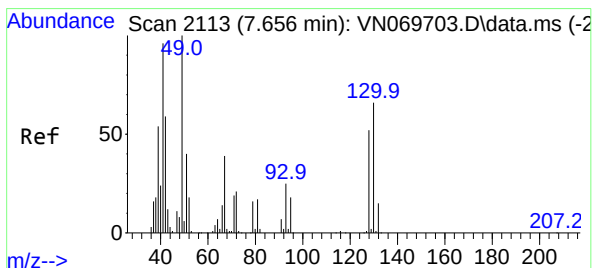
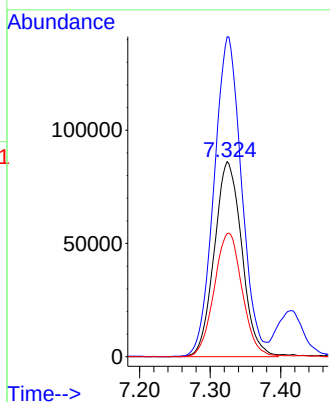
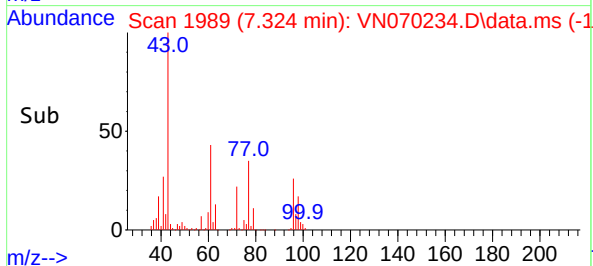
Instrument :
MSVOA_N
Client Sample Id :
VN1220WBS01



Tgt Ion: 96 Resp: 23326
Ion Ratio Lower Upper
96 100
61 164.3 0.0 275.0
98 64.6 0.0 129.6

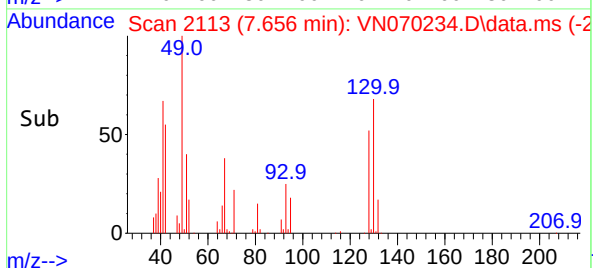
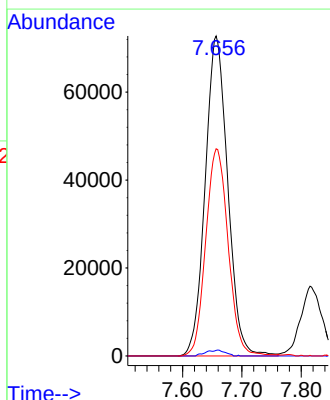
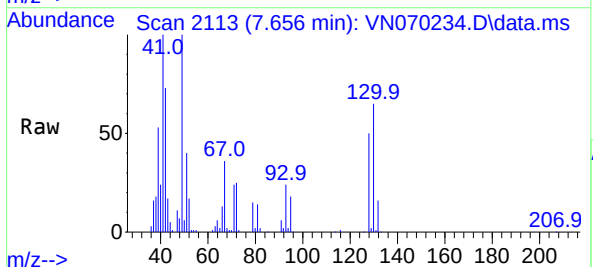
Manual Integrations
APPROVED

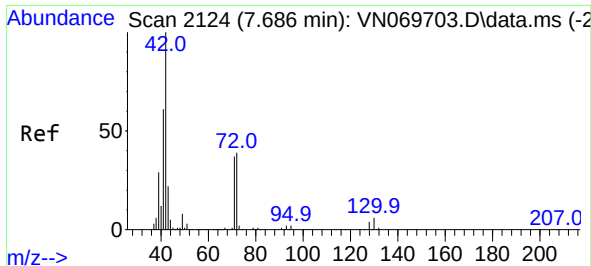
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#28
Bromochloromethane
Concen: 17.70 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

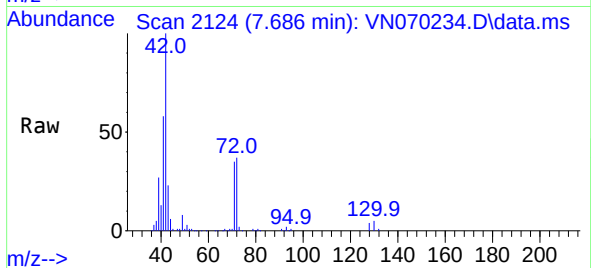
Tgt Ion: 49 Resp: 192023
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.0
130 64.4 67.8 101.8#





#29
Tetrahydrofuran
Concen: 92.22 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

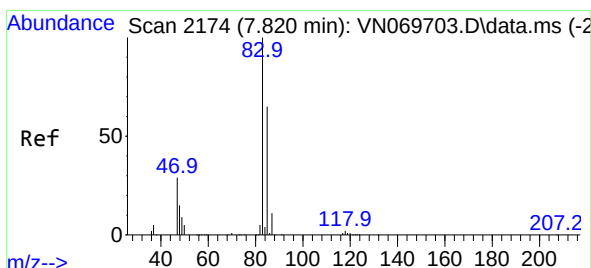
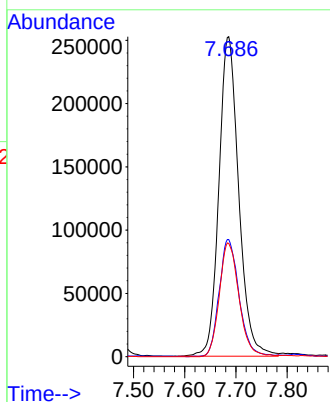
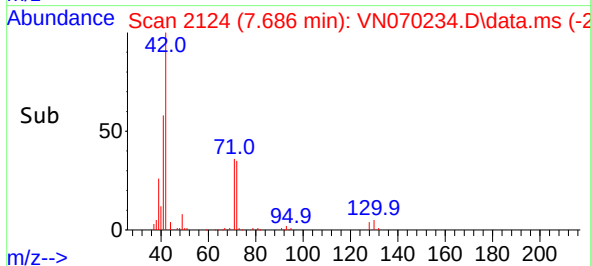
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



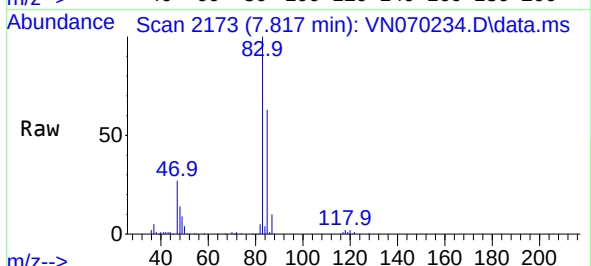
Tgt Ion: 42 Resp: 67853
Ion Ratio Lower Upper
42 100
72 36.6 36.3 54.5
71 35.2 34.7 52.1

Manual Integrations
APPROVED

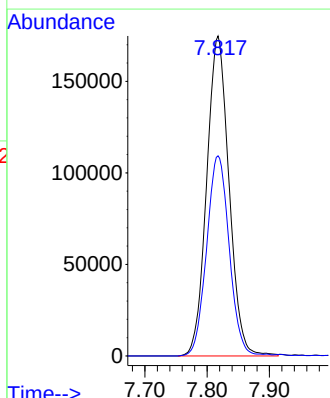
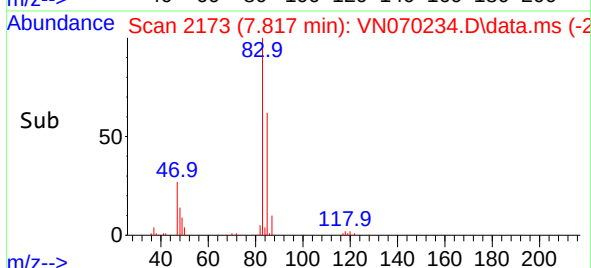
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

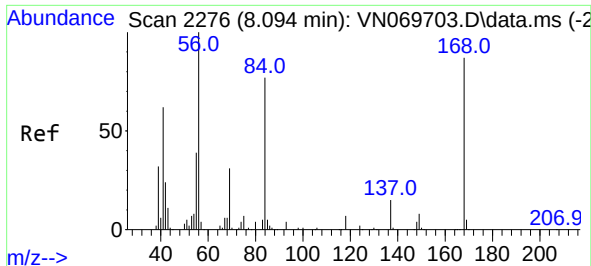


#30
Chloroform
Concen: 20.67 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



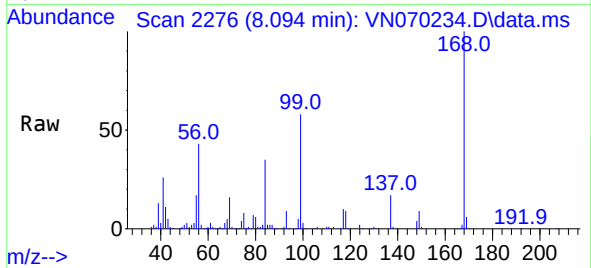
Tgt Ion: 83 Resp: 435557
Ion Ratio Lower Upper
83 100
85 62.5 51.9 77.9





#31
Cyclohexane
Concen: 18.94 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

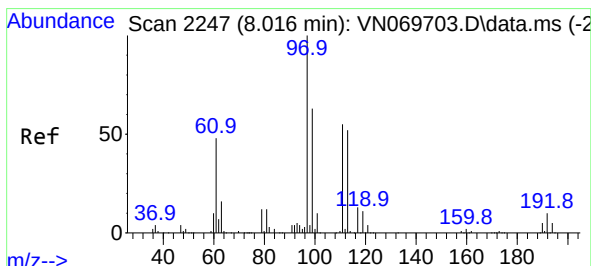
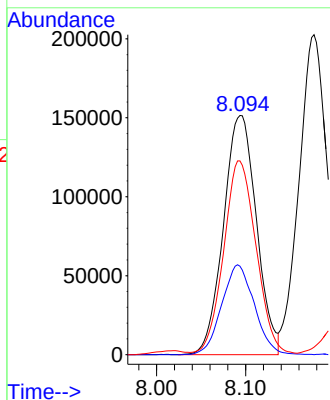
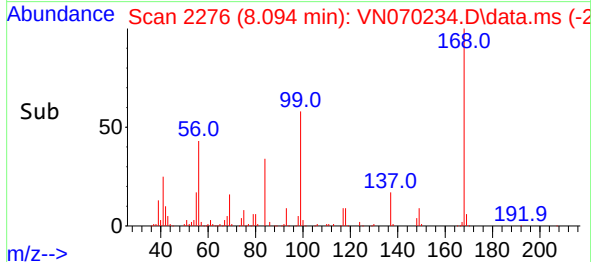
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



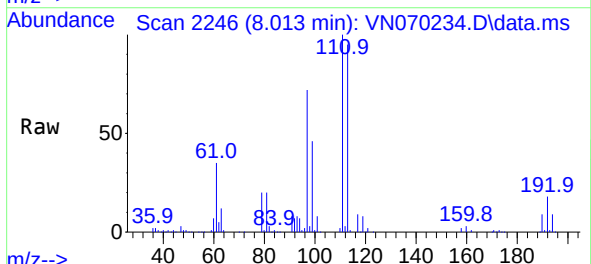
Tgt Ion: 56 Resp: 390849
Ion Ratio Lower Upper
56 100
69 37.0 27.1 40.7
84 79.5 73.4 110.0

Manual Integrations
APPROVED

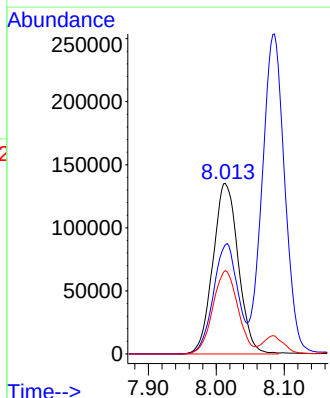
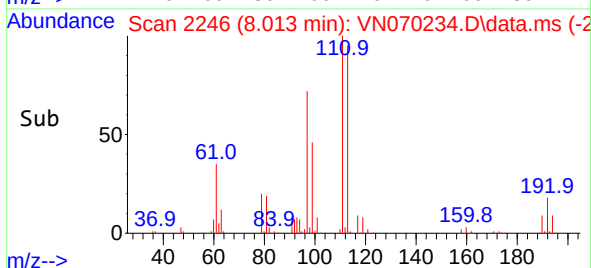
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

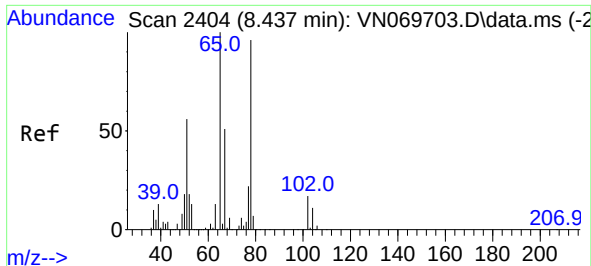


#32
1,1,1-Trichloroethane
Concen: 19.51 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



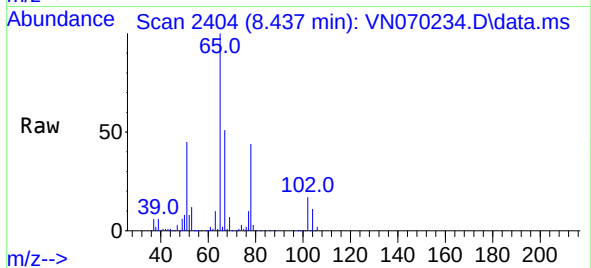
Tgt Ion: 97 Resp: 350209
Ion Ratio Lower Upper
97 100
99 62.4 50.1 75.1
61 48.5 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 48.44 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

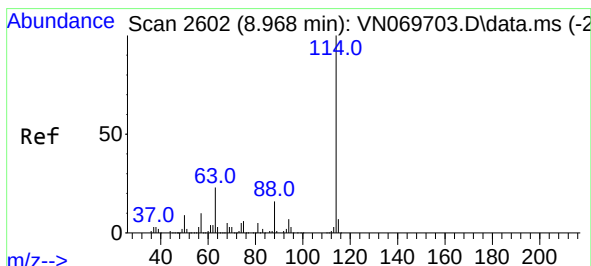
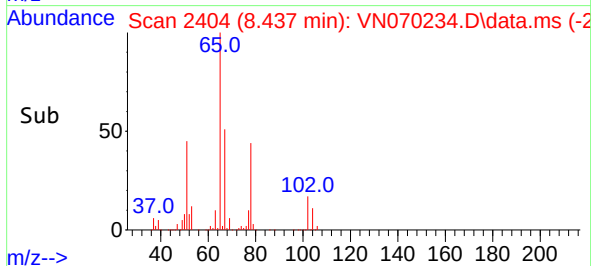
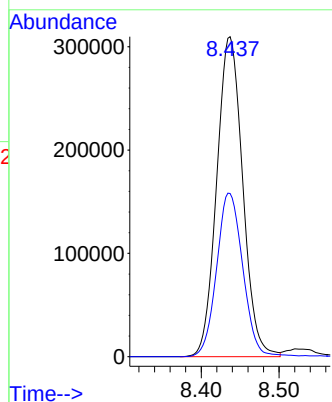
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 65 Resp: 718209
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

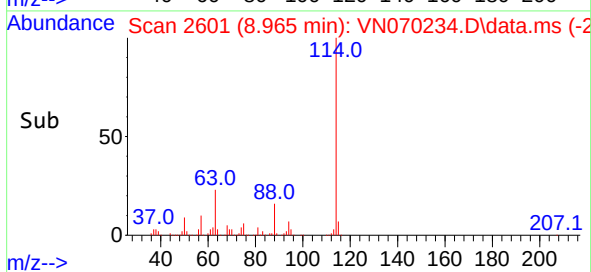
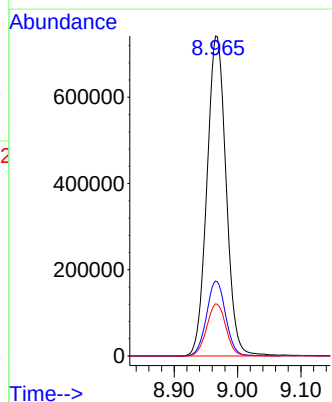
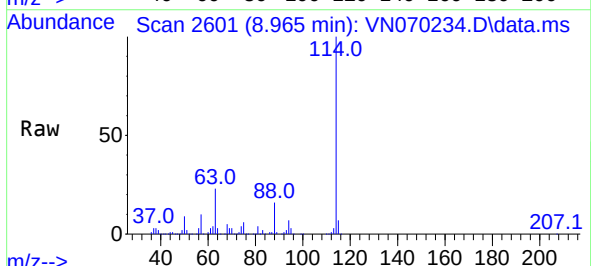
Manual Integrations
APPROVED

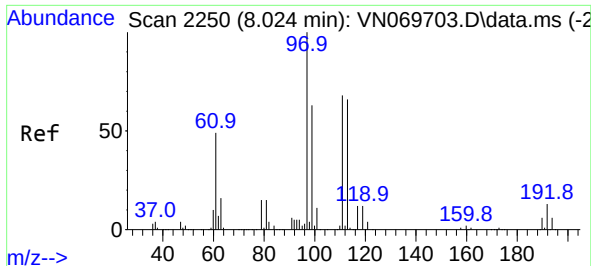
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

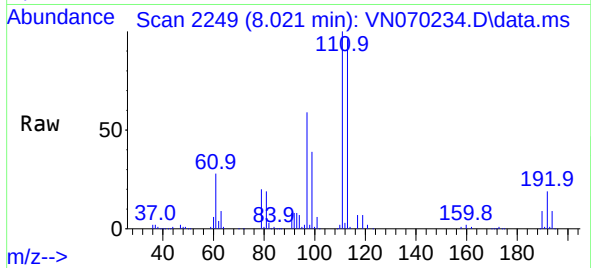
Tgt Ion:114 Resp: 1559001
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.90 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

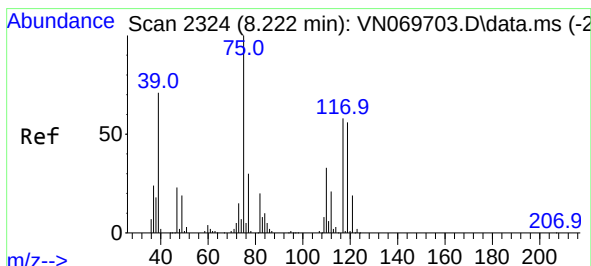
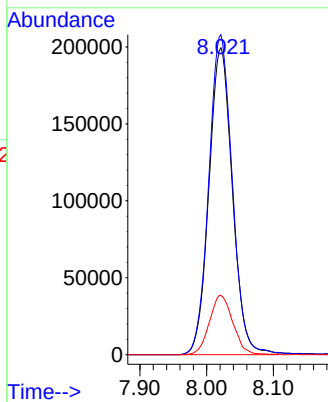
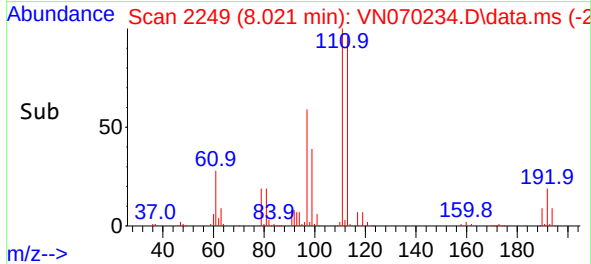
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



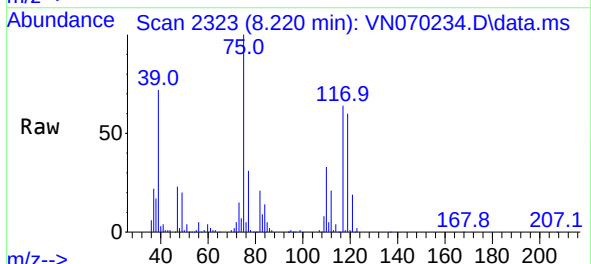
Tgt Ion:113 Resp: 487249
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 19.4 16.9 25.3

Manual Integrations
APPROVED

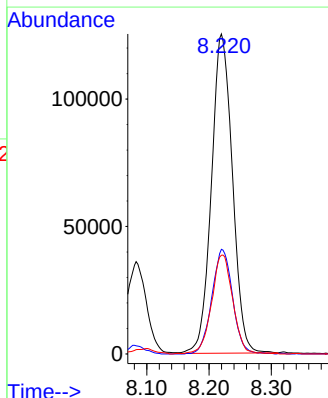
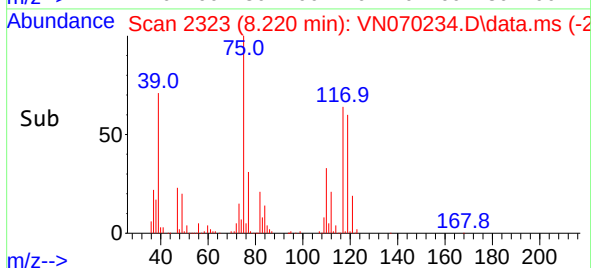
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

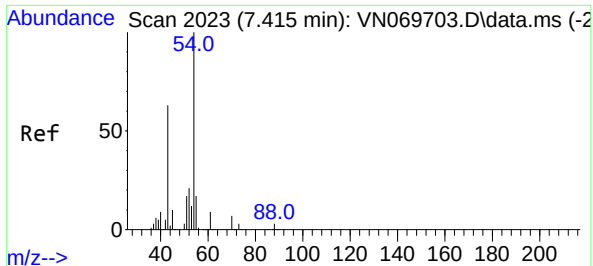


#36
1,1-Dichloropropene
Concen: 19.77 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



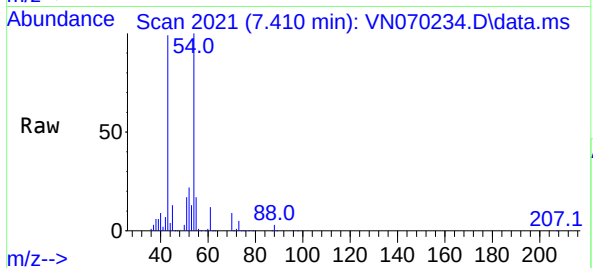
Tgt Ion: 75 Resp: 293375
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 19.24 ug/l
RT: 7.410 min Scan# 2023
Delta R.T. -0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

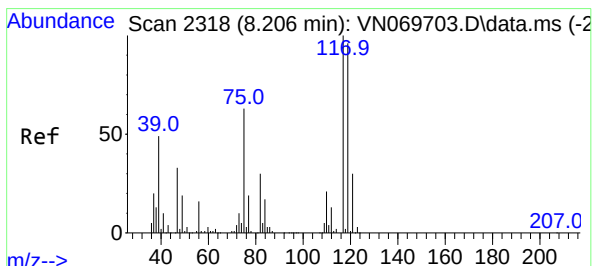
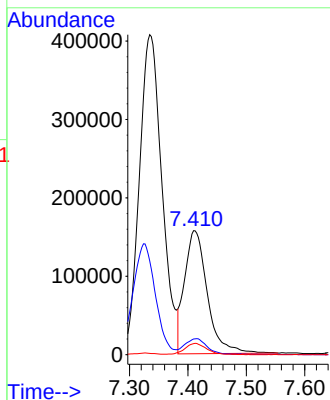
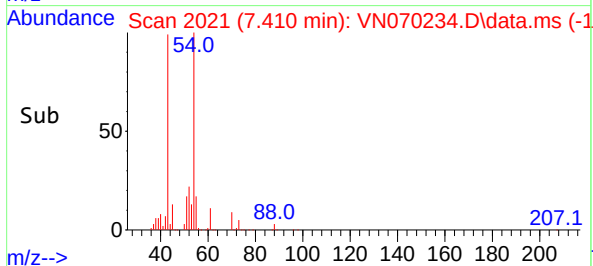
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 43 Resp: 42508
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.1 7.9 11.9

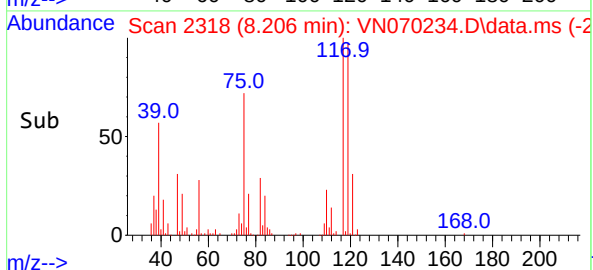
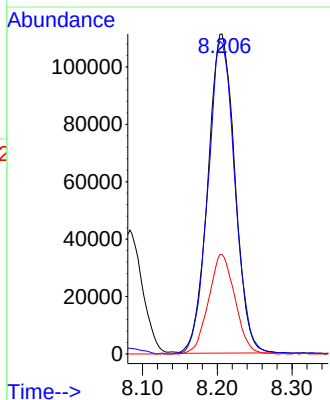
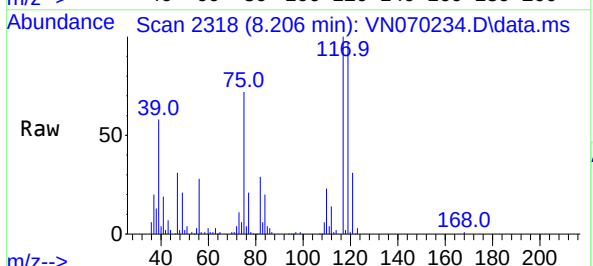
Manual Integrations
APPROVED

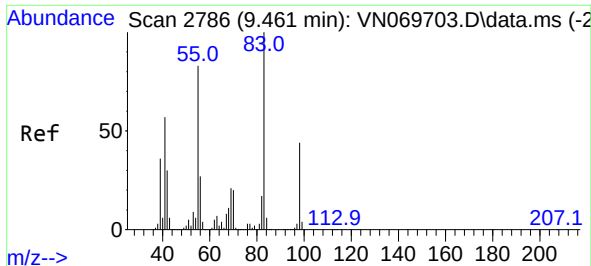
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 19.12 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

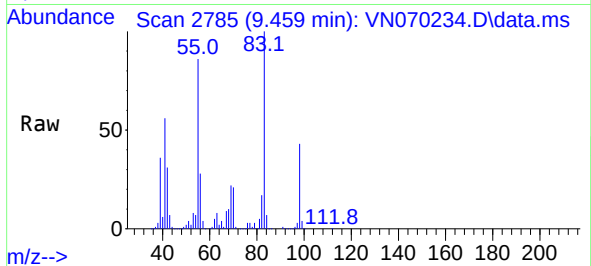
Tgt Ion:117 Resp: 278251
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1
121 31.2 24.2 36.2





#39
Methylcyclohexane
Concen: 19.21 ug/l
RT: 9.459 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

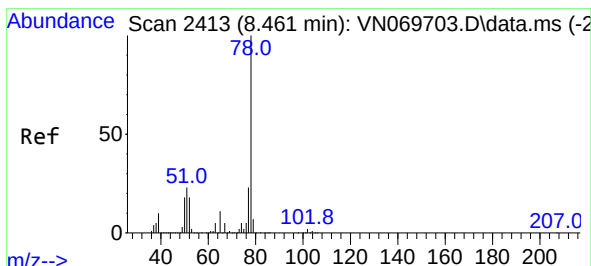
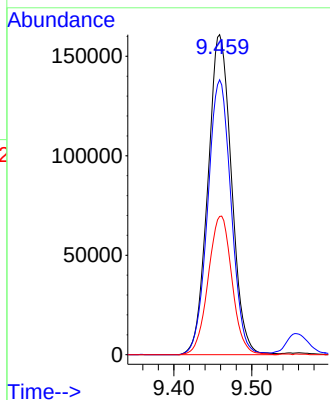
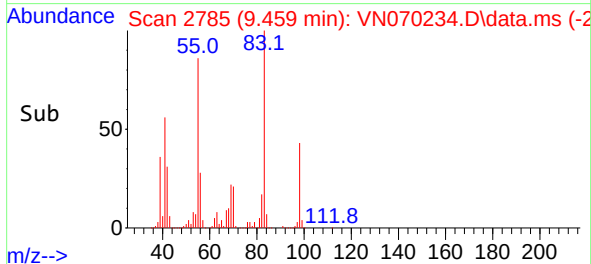
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



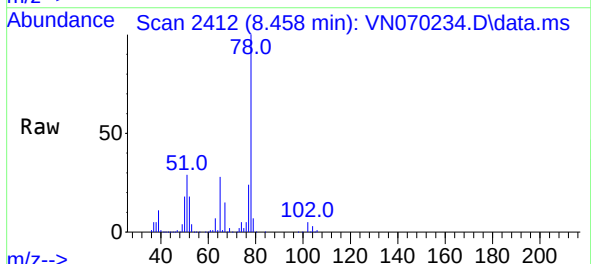
Tgt Ion: 83 Resp: 33913
Ion Ratio Lower Upper
83 100
55 85.9 58.1 87.1
98 43.2 38.4 57.6

Manual Integrations
APPROVED

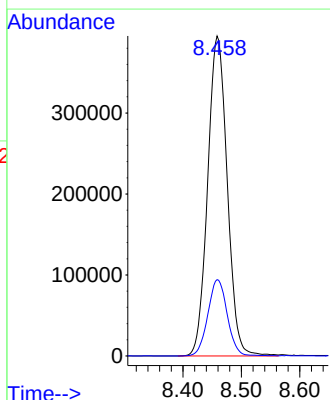
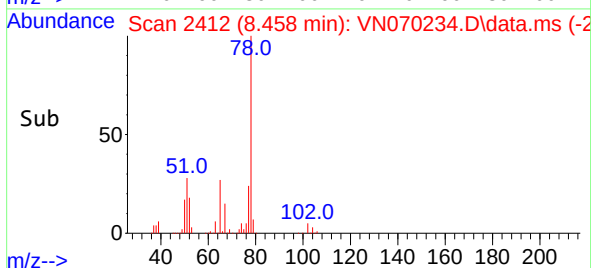
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

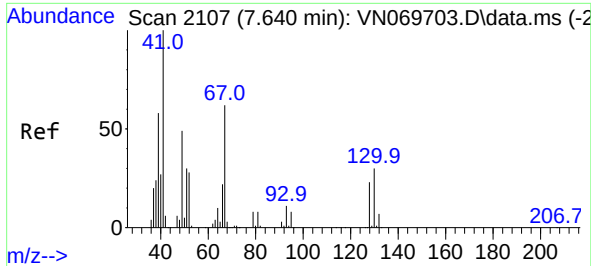


#40
Benzene
Concen: 20.28 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



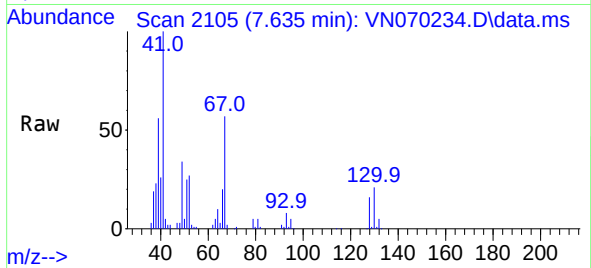
Tgt Ion: 78 Resp: 920091
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 20.46 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

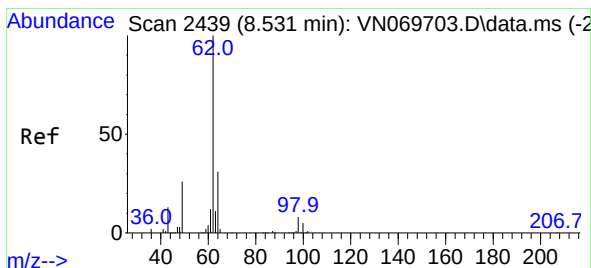
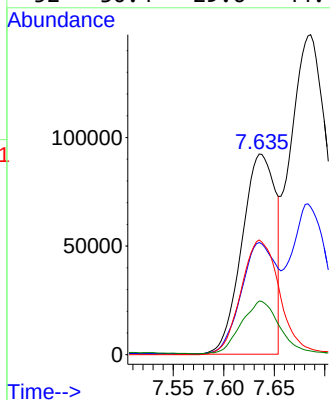
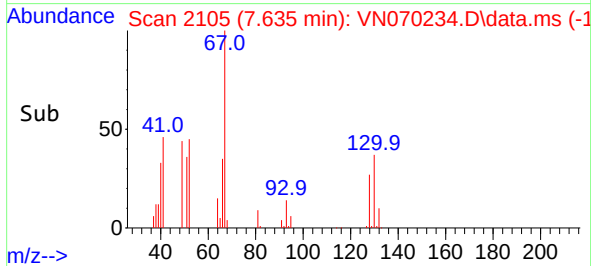
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 41 Resp: 21215
Ion Ratio Lower Upper
41 100
39 59.0 48.1 72.1
67 67.2 68.3 102.5
52 30.4 29.6 44.4

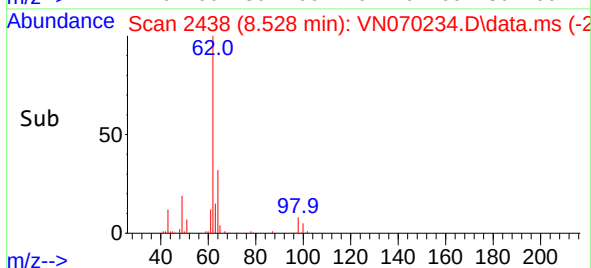
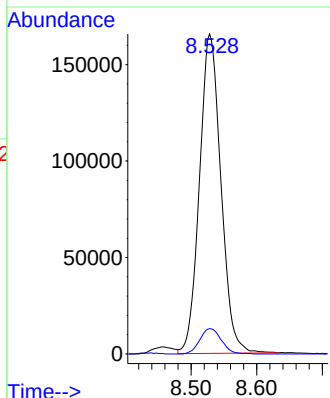
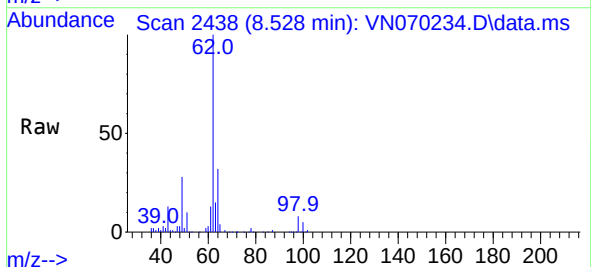
Manual Integrations
APPROVED

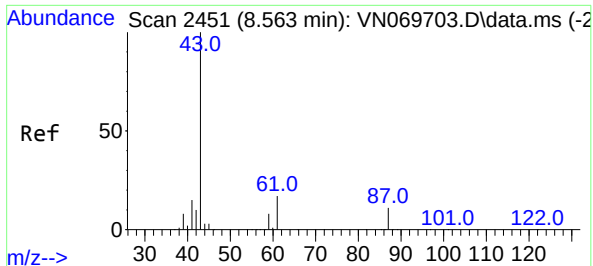
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 20.53 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion: 62 Resp: 375896
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





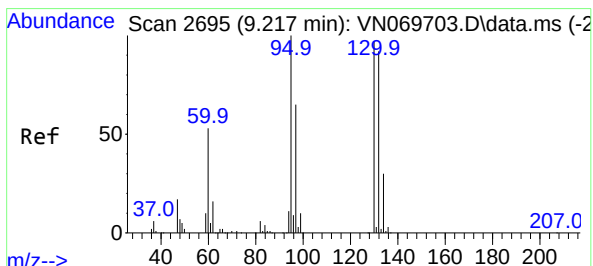
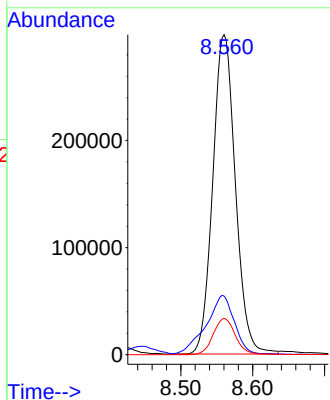
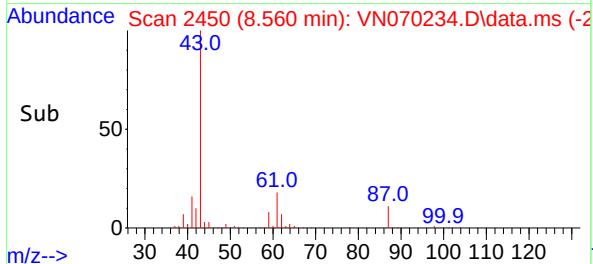
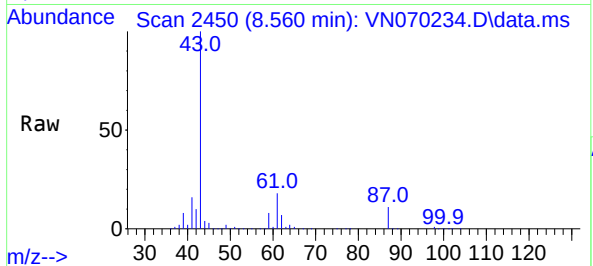
#43
Isopropyl Acetate
Concen: 19.93 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion: 43 Resp: 65140
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.2 11.2 16.8

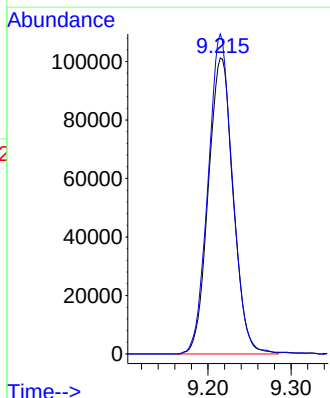
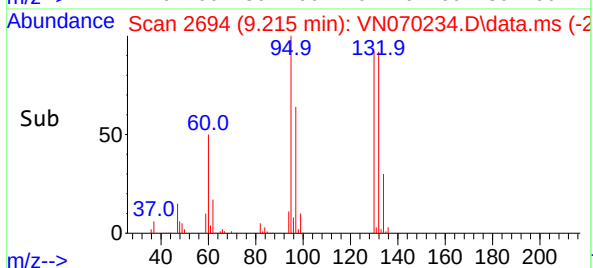
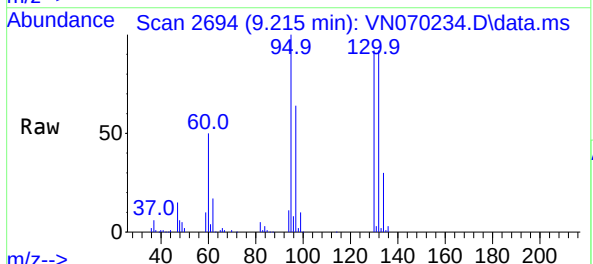
Manual Integrations
APPROVED

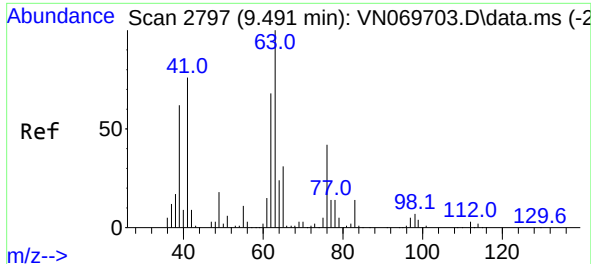
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 19.45 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

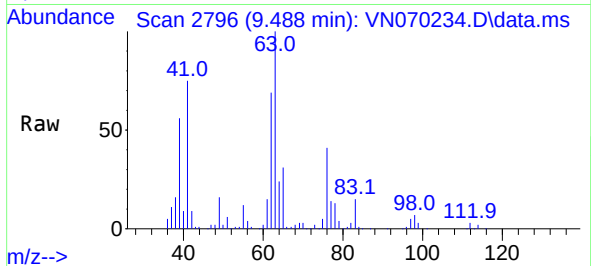
Tgt Ion:130 Resp: 210640
Ion Ratio Lower Upper
130 100
95 108.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 21.33 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

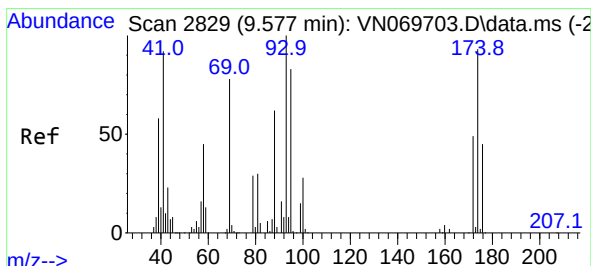
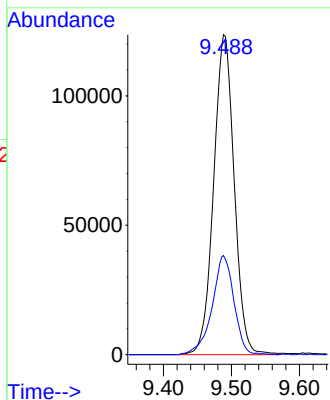
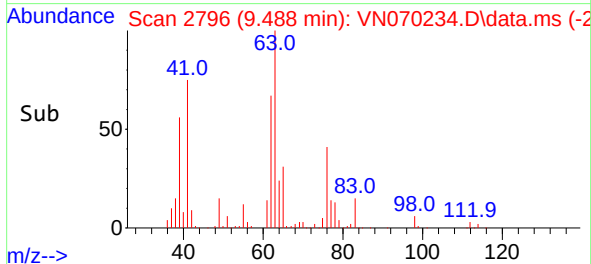
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



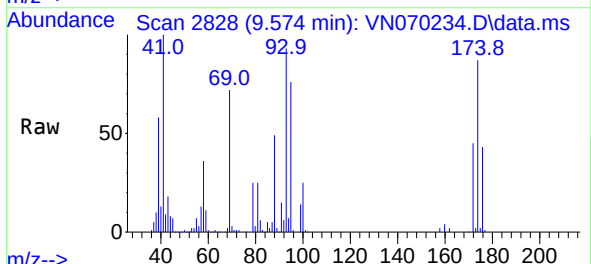
Tgt Ion: 63 Resp: 25982
Ion Ratio Lower Upper
63 100
65 31.0 24.7 37.1

Manual Integrations
APPROVED

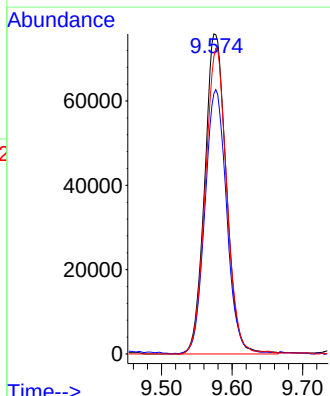
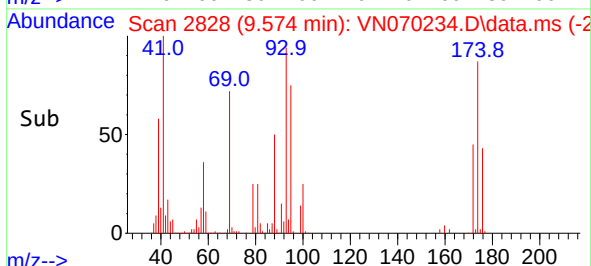
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

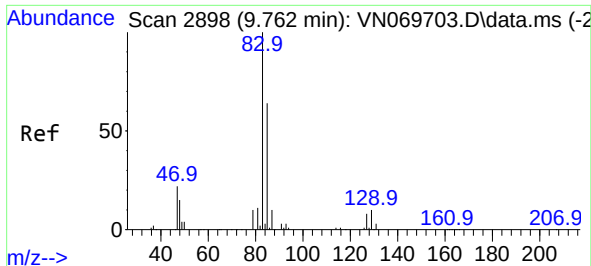


#46
Dibromomethane
Concen: 20.24 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



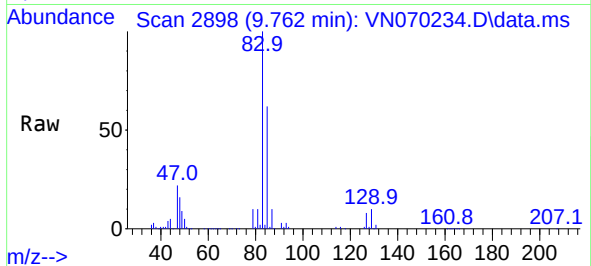
Tgt Ion: 93 Resp: 161666
Ion Ratio Lower Upper
93 100
95 82.9 65.9 98.9
174 94.7 84.6 127.0





#47
Bromodichloromethane
Concen: 21.51 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

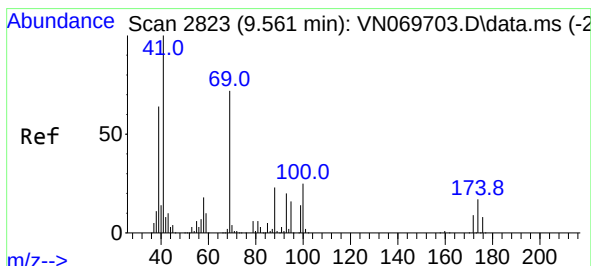
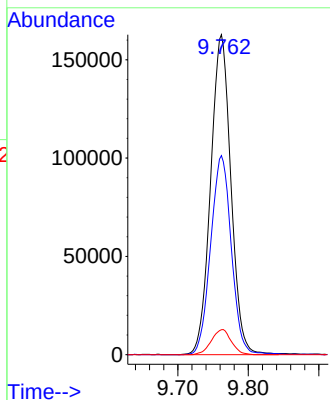
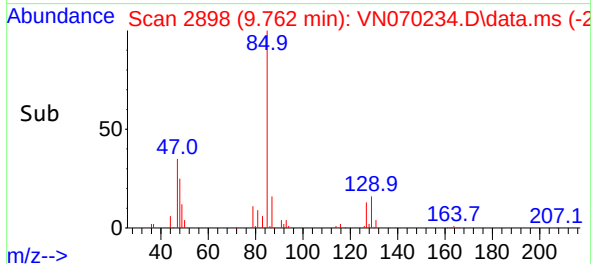
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 83 Resp: 325418
Ion Ratio Lower Upper
83 100
85 62.2 50.9 76.3
127 7.8 7.1 10.7

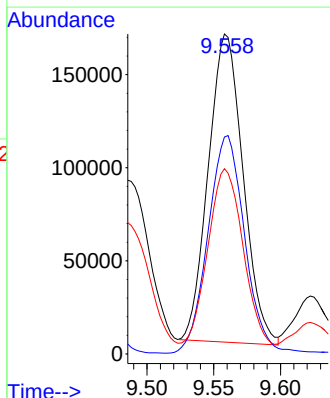
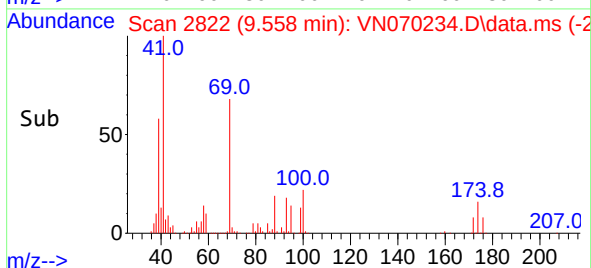
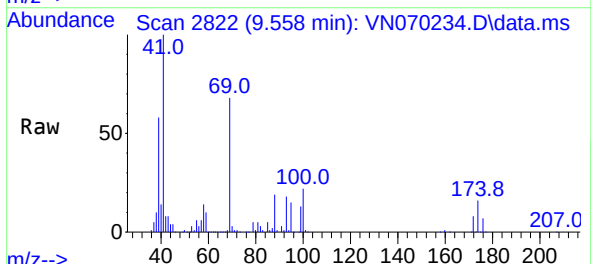
Manual Integrations
APPROVED

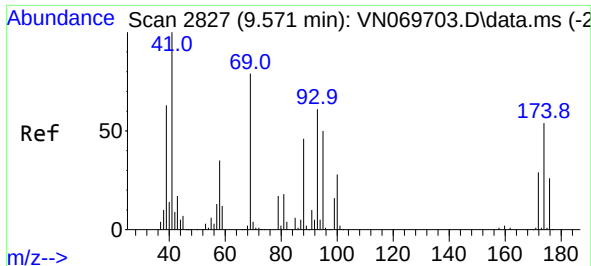
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 19.64 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

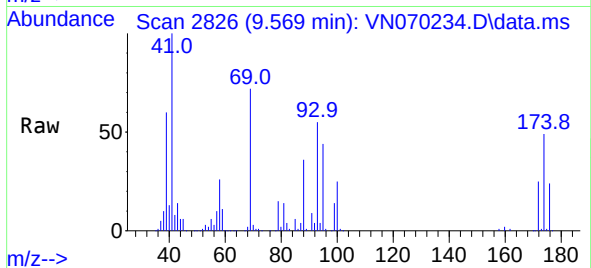
Tgt Ion: 41 Resp: 299670
Ion Ratio Lower Upper
41 100
69 74.7 72.4 108.6
39 63.0 58.4 87.6





#49
1,4-Dioxane
Concen: 348.43 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

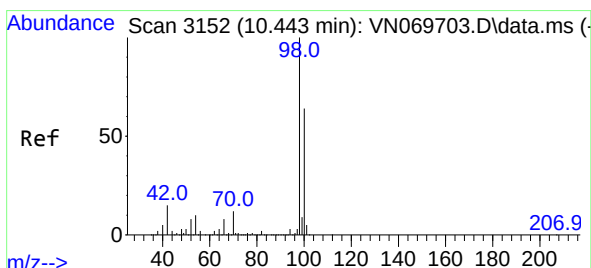
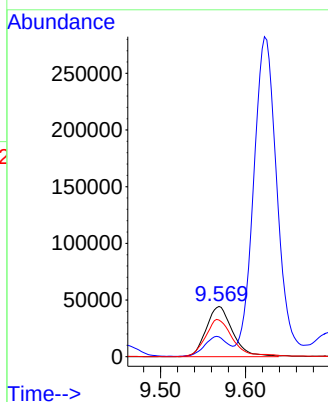
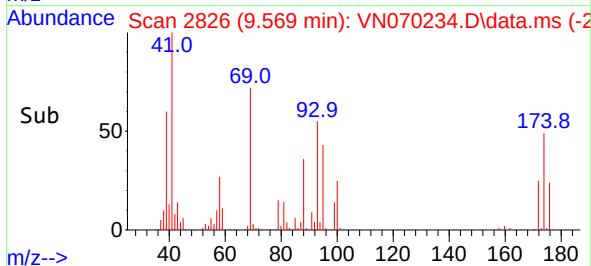
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 88 Resp: 9537
Ion Ratio Lower Upper
88 100
43 34.5 23.4 35.2
58 77.9 50.6 75.8

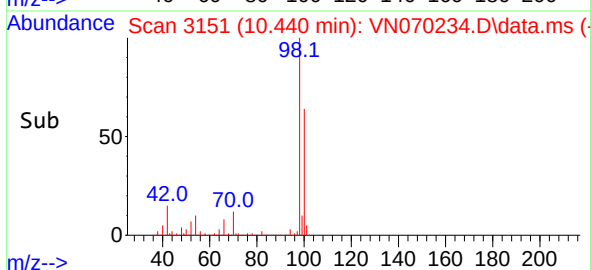
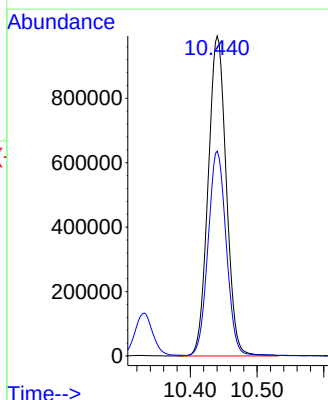
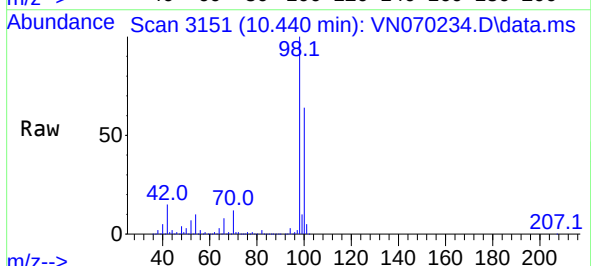
Manual Integrations
APPROVED

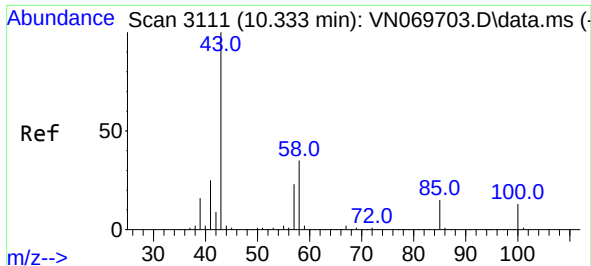
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 47.82 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion: 98 Resp: 1874983
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6





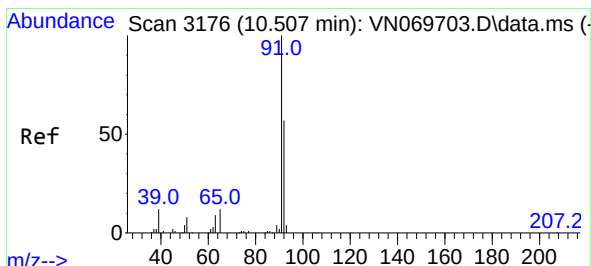
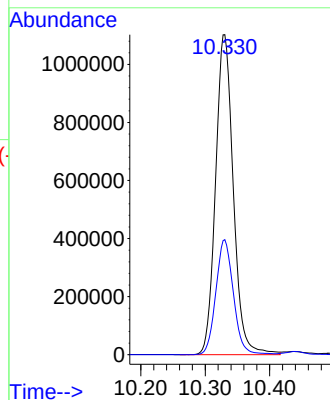
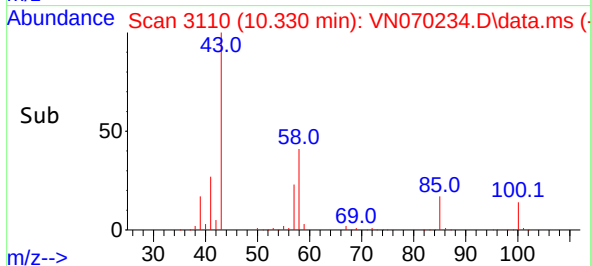
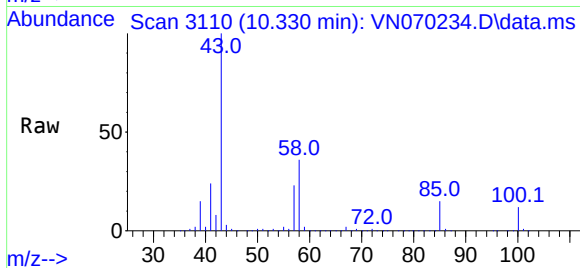
#51
4-Methyl-2-Pentanone
Concen: 99.38 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion: 43 Resp: 2107380
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

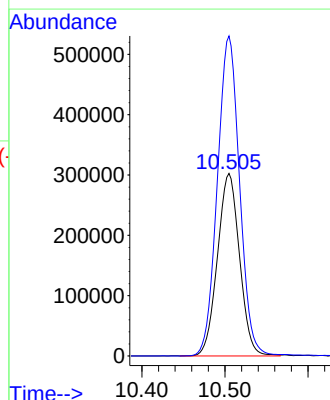
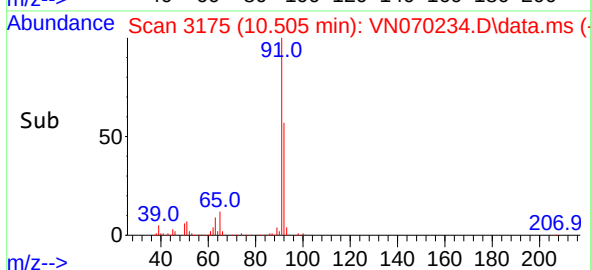
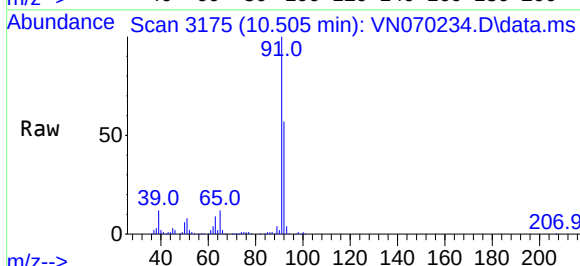
Manual Integrations
APPROVED

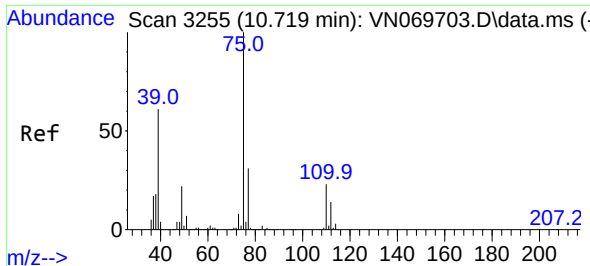
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 20.20 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion: 92 Resp: 559498
Ion Ratio Lower Upper
92 100
91 176.7 142.0 213.0





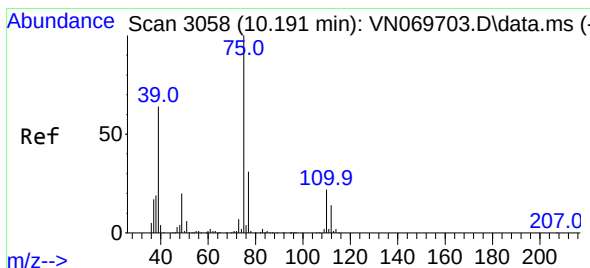
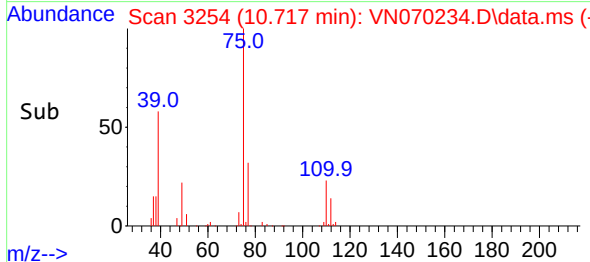
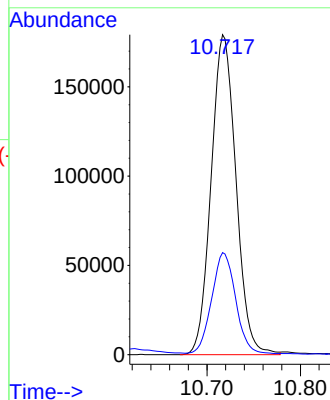
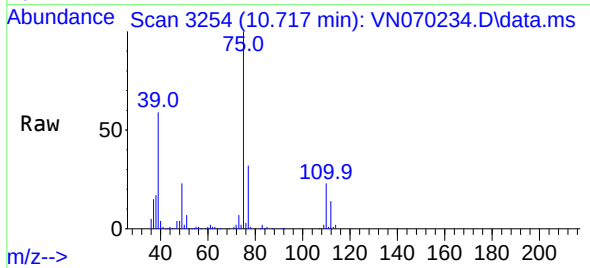
#53
t-1,3-Dichloropropene
Concen: 19.96 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion: 75 Resp: 330832
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

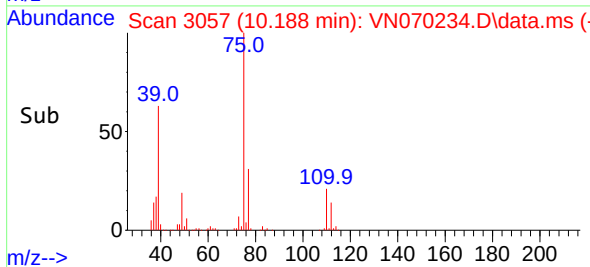
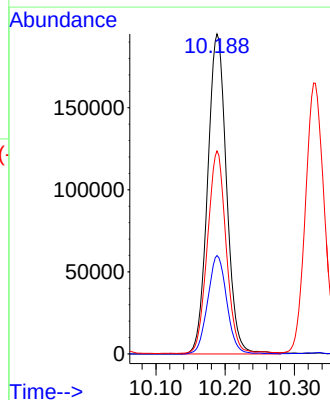
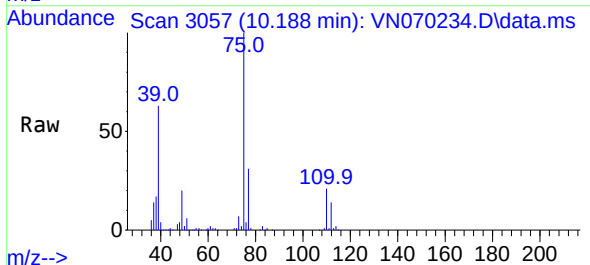
Manual Integrations
APPROVED

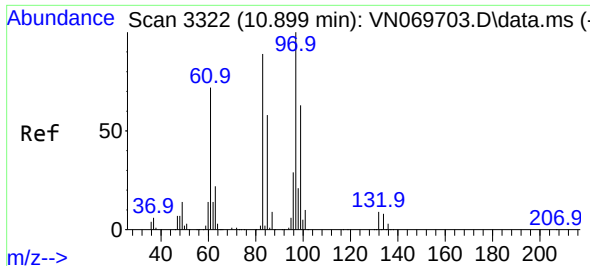
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#54
cis-1,3-Dichloropropene
Concen: 20.64 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

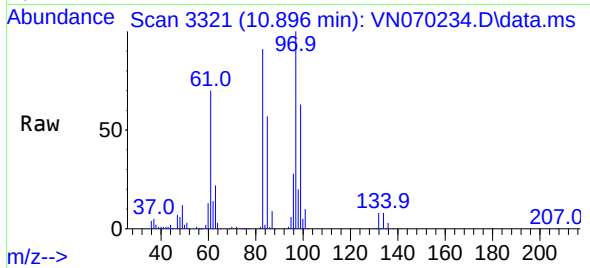
Tgt Ion: 75 Resp: 370762
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
39 63.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.96 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

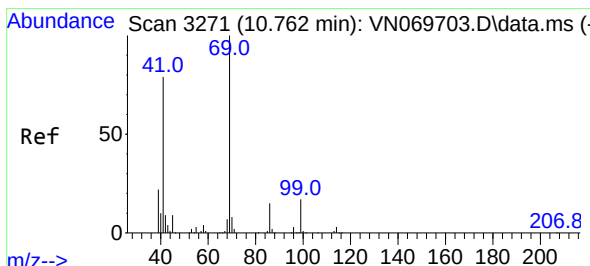
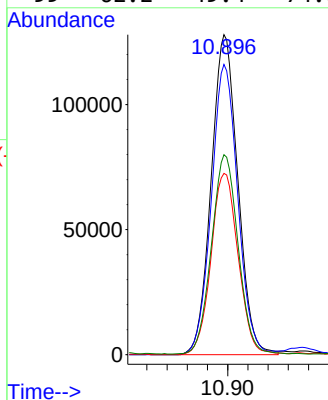
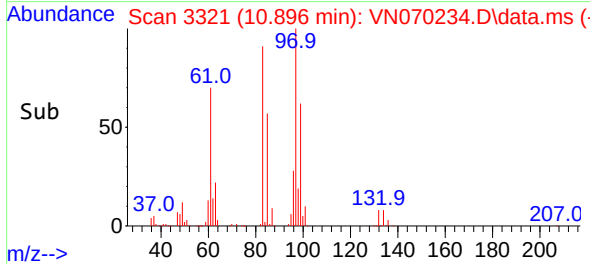
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



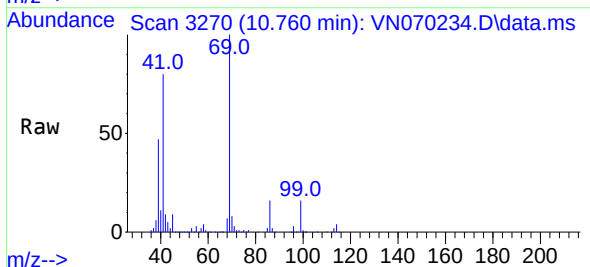
Tgt Ion: 97 Resp: 234168
Ion Ratio Lower Upper
97 100
83 90.7 67.8 101.6
85 56.7 45.4 68.2
99 62.2 49.4 74.0

Manual Integrations
APPROVED

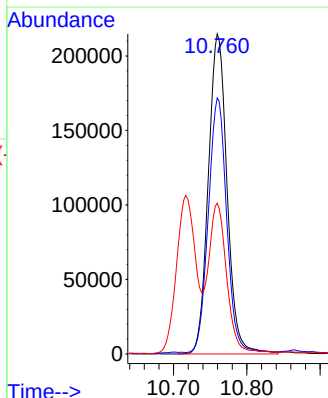
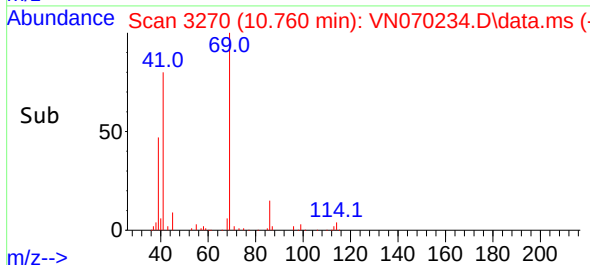
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

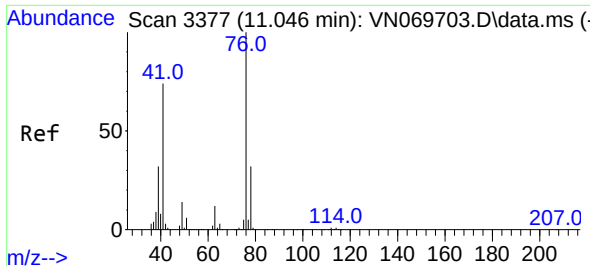


#56
Ethyl methacrylate
Concen: 19.58 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



Tgt Ion: 69 Resp: 382278
Ion Ratio Lower Upper
69 100
41 77.7 51.4 77.0#
39 43.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.33 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070234.D

Acq: 20 Dec 2021 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 76 Resp: 419608

Ion Ratio Lower Upper

76 100

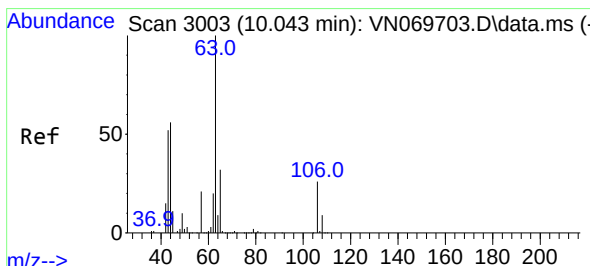
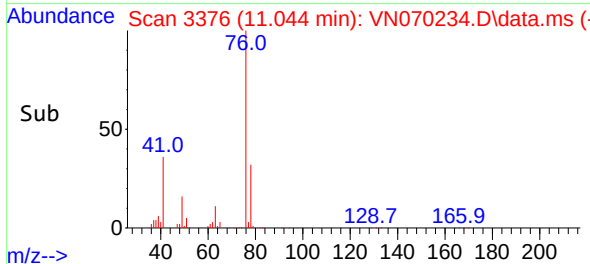
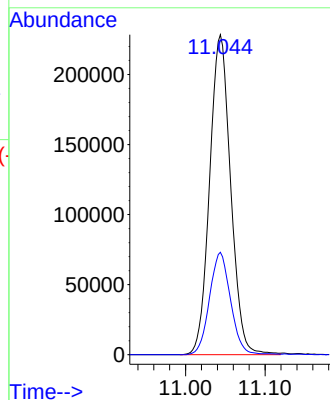
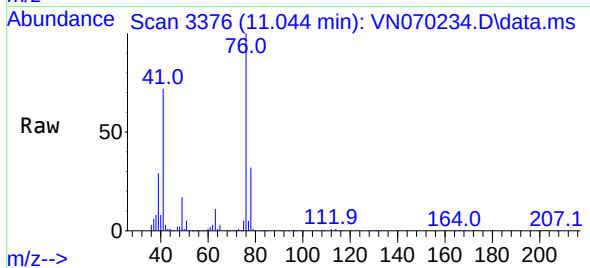
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 85.14 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070234.D

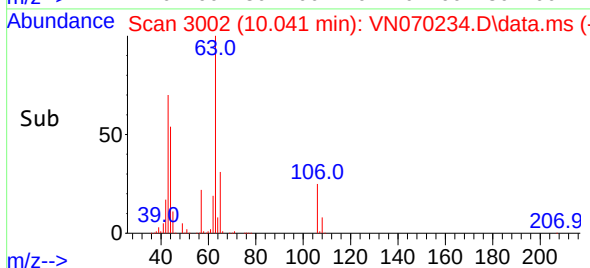
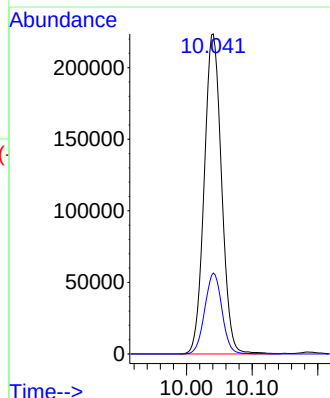
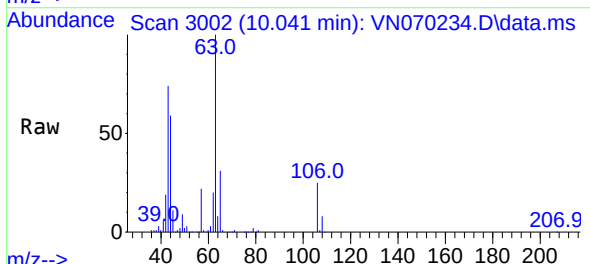
Acq: 20 Dec 2021 12:30

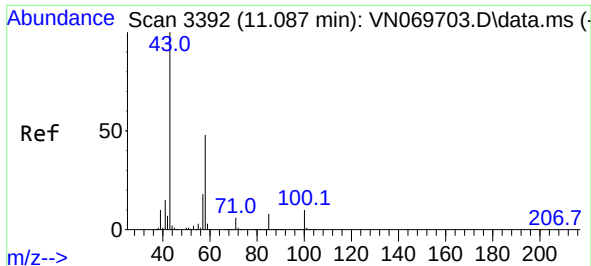
Tgt Ion: 63 Resp: 410216

Ion Ratio Lower Upper

63 100

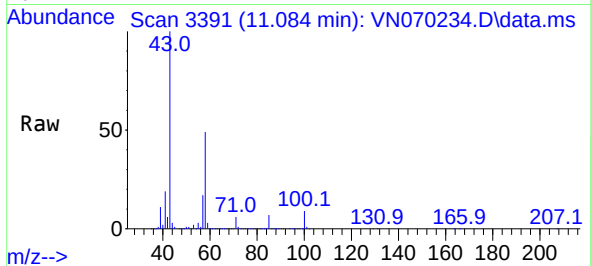
106 25.0 23.9 35.9





#59
2-Hexanone
Concen: 93.60 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

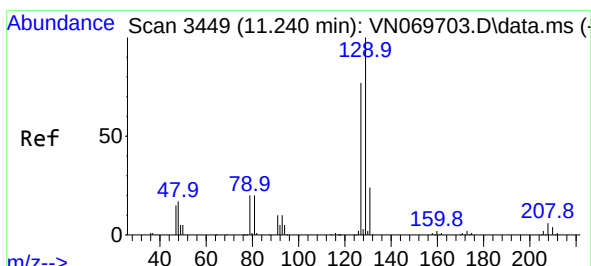
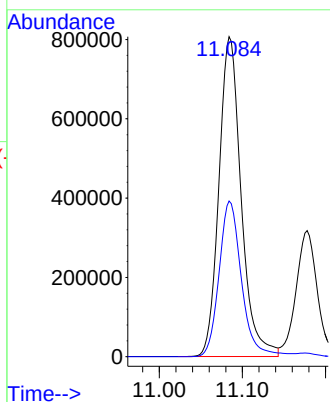
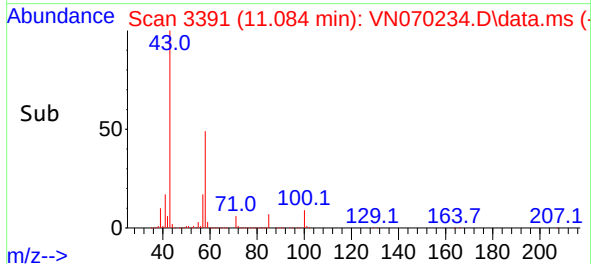
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 43 Resp: 150156
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

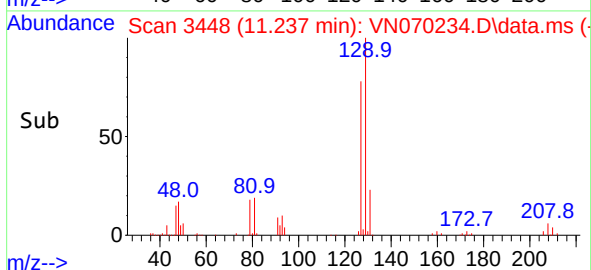
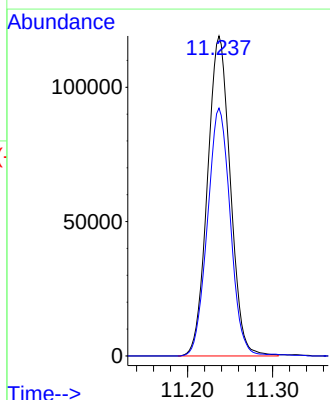
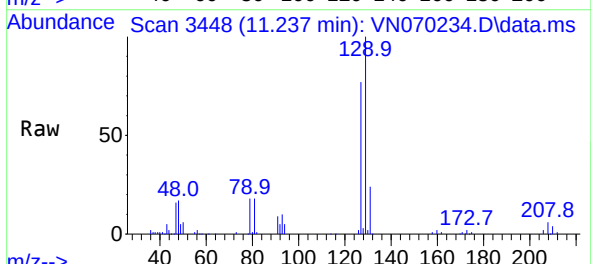
Manual Integrations
APPROVED

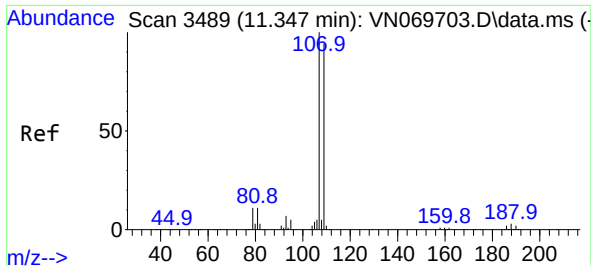
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 20.07 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

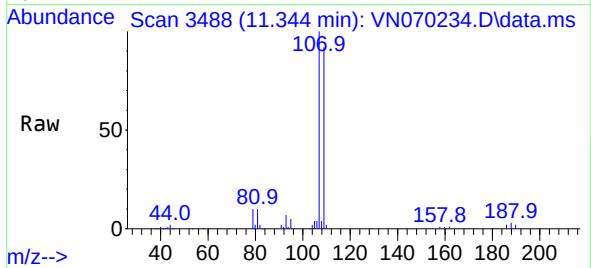
Tgt Ion:129 Resp: 222385
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.82 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

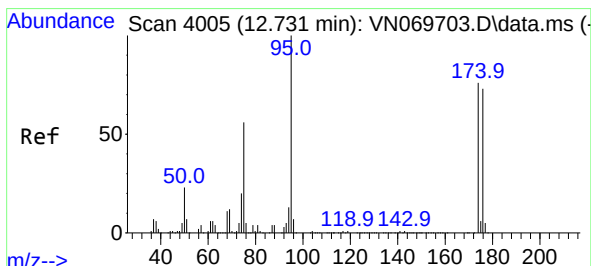
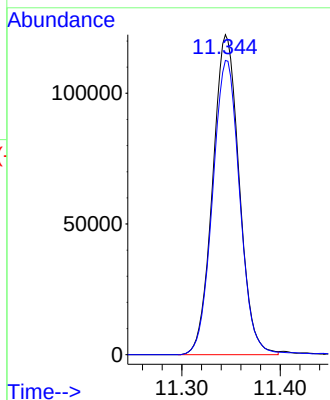
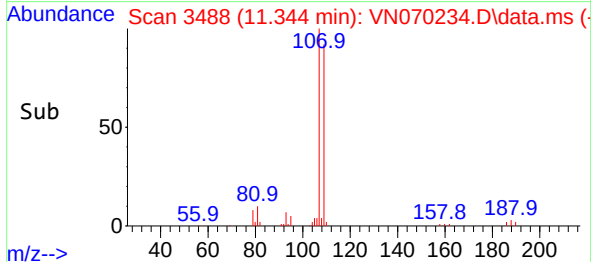
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



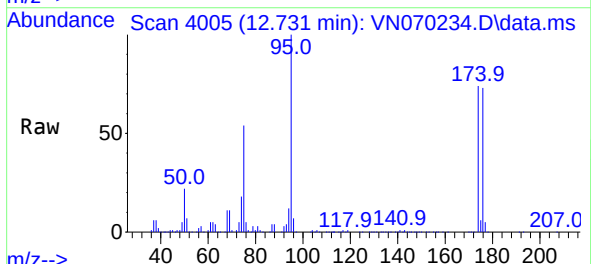
Tgt Ion:107 Resp: 229415
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

Manual Integrations
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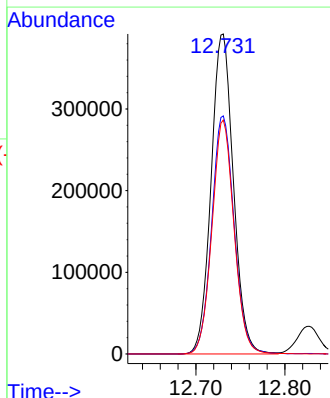
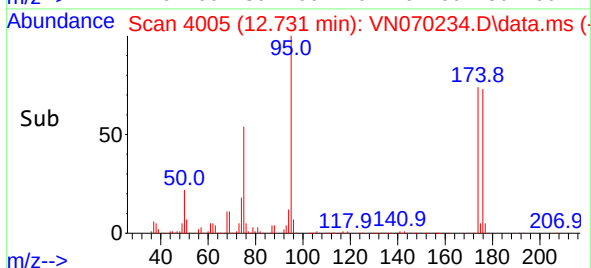
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

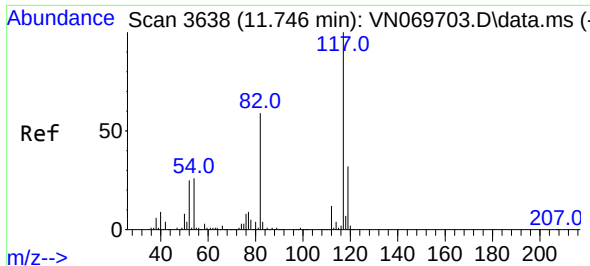


#62
4-Bromofluorobenzene
Concen: 48.03 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



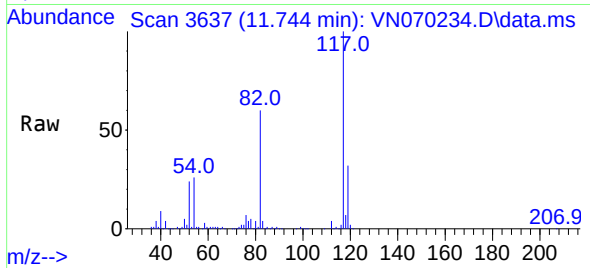
Tgt Ion: 95 Resp: 682214
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

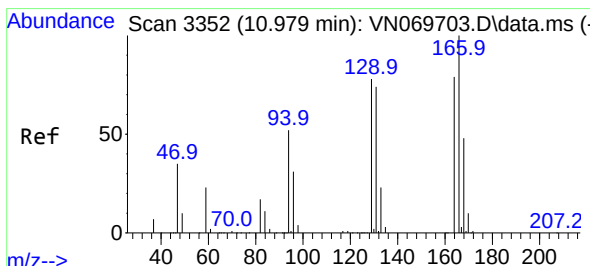
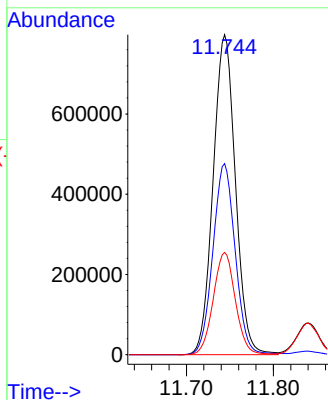
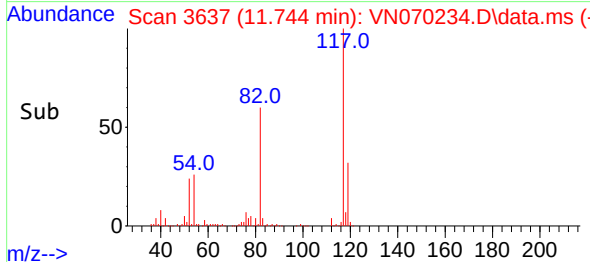
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



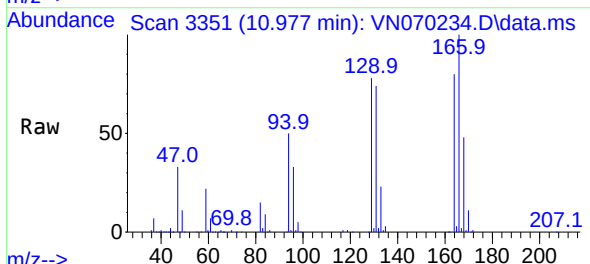
Tgt Ion:117 Resp: 1422204
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

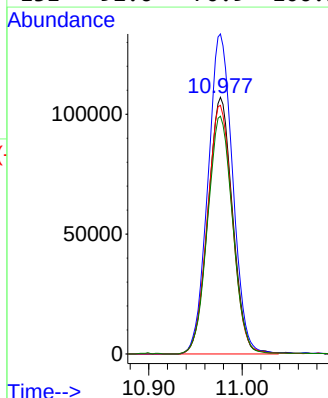
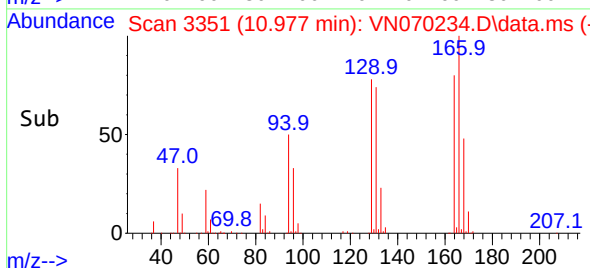
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

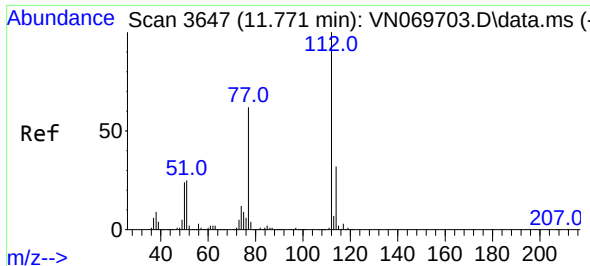


#64
Tetrachloroethene
Concen: 20.38 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



Tgt Ion:164 Resp: 196574
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 96.9 72.0 108.0
131 92.6 70.9 106.3





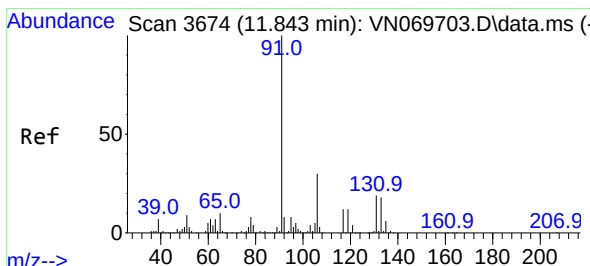
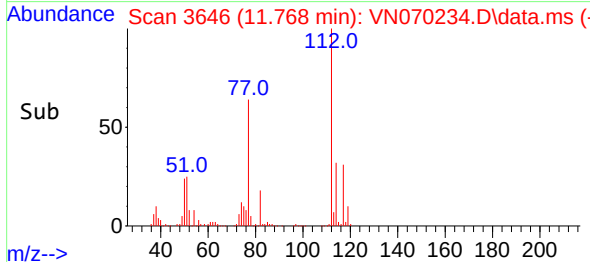
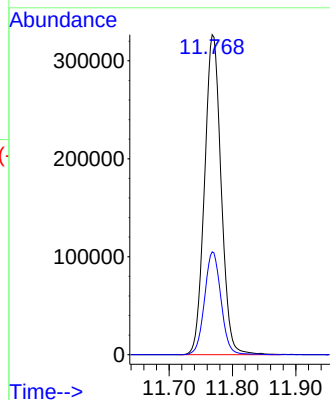
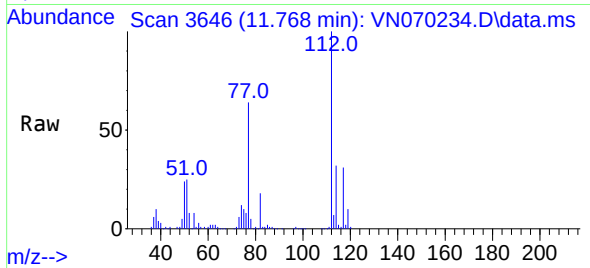
#65
Chlorobenzene
Concen: 20.59 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion:112 Resp: 59397
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

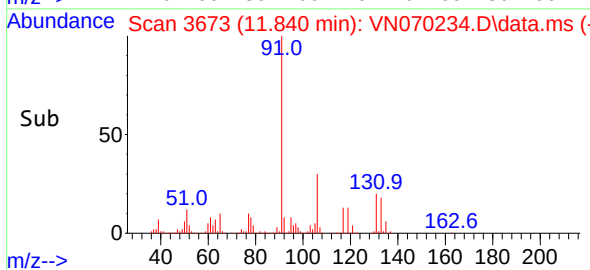
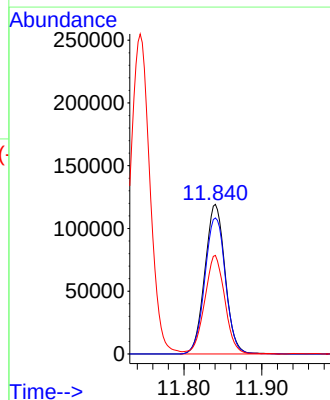
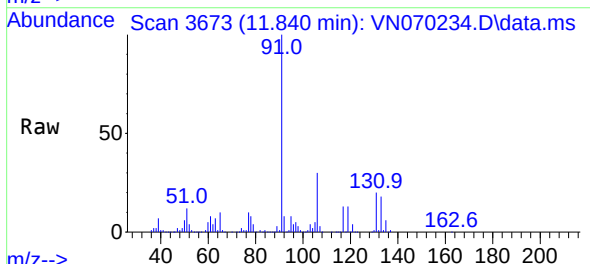
Manual Integrations
APPROVED

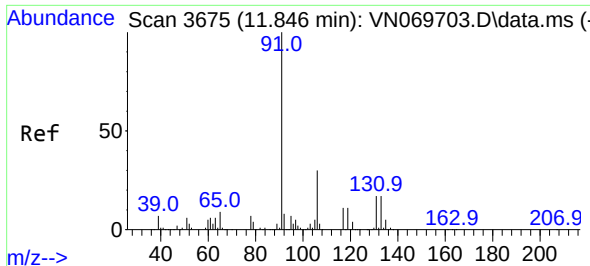
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.24 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

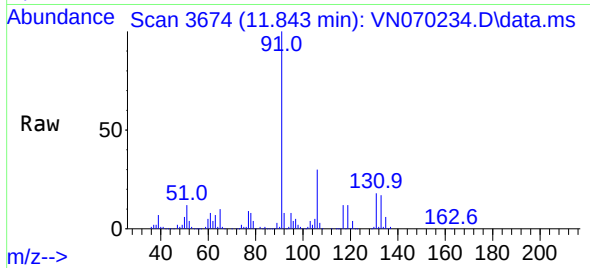
Tgt Ion:131 Resp: 215691
Ion Ratio Lower Upper
131 100
133 93.1 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 20.84 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

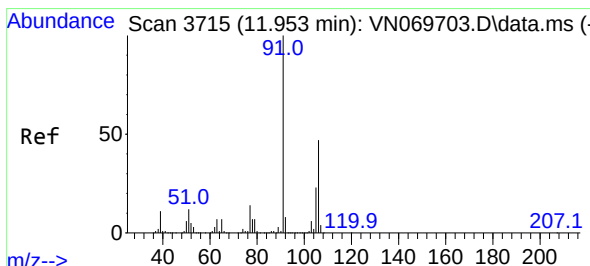
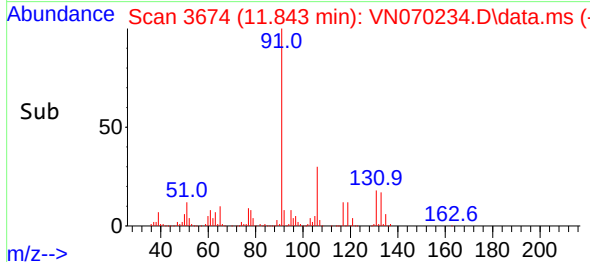
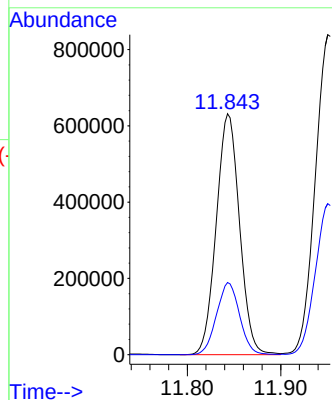
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 91 Resp: 1092039
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

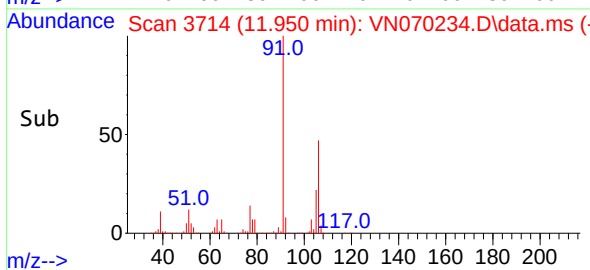
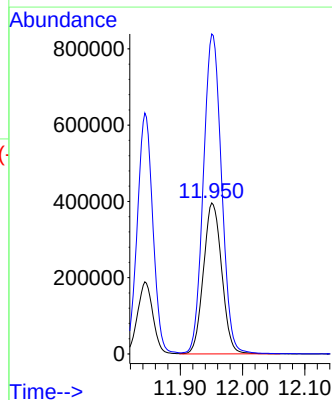
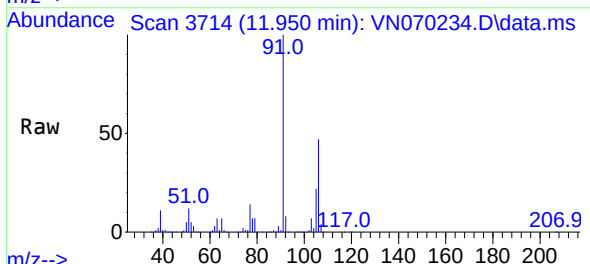
Manual Integrations
APPROVED

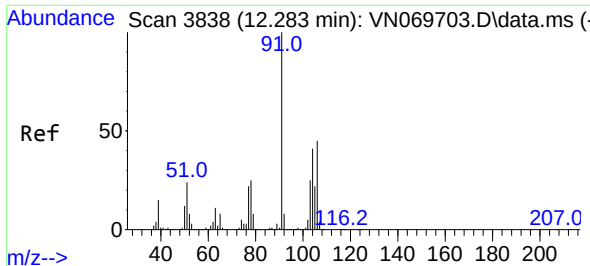
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 42.29 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

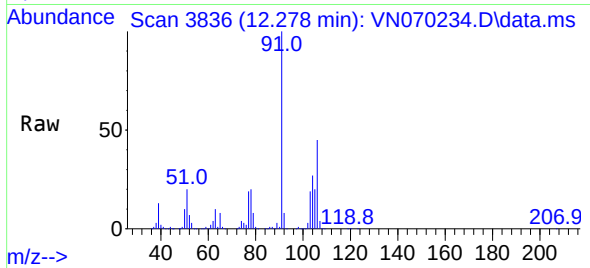
Tgt Ion:106 Resp: 806932
Ion Ratio Lower Upper
106 100
91 210.8 160.6 240.8





#69
o-Xylene
Concen: 20.70 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

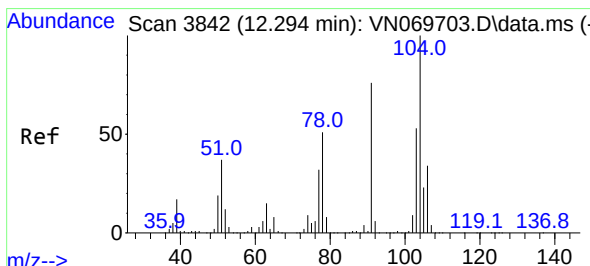
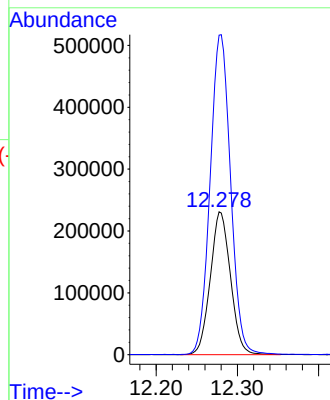
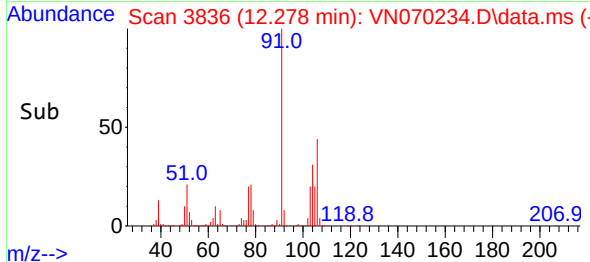
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion:106 Resp: 397823
Ion Ratio Lower Upper
106 100
91 227.6 105.8 317.3

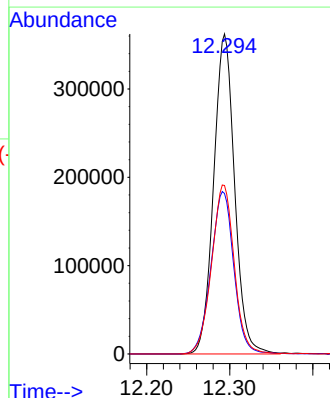
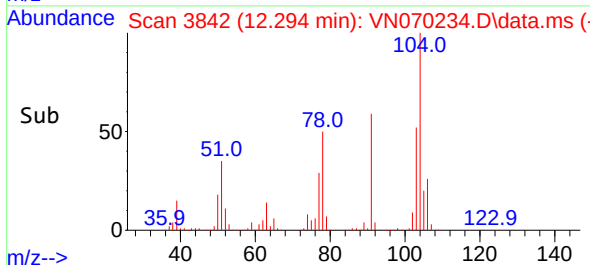
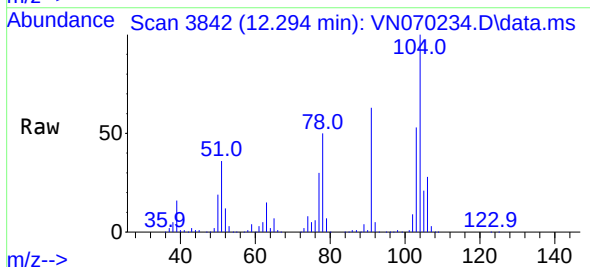
Manual Integrations
APPROVED

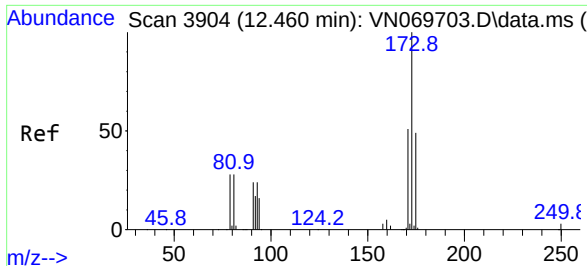
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 20.85 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion:104 Resp: 635622
Ion Ratio Lower Upper
104 100
78 55.5 38.7 58.1
103 57.1 45.0 67.6





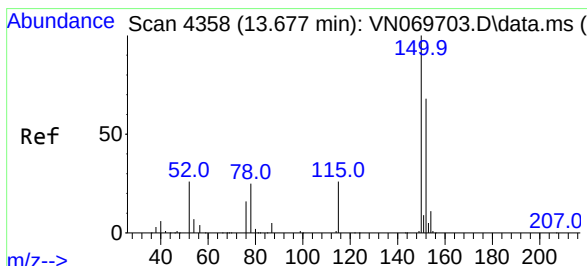
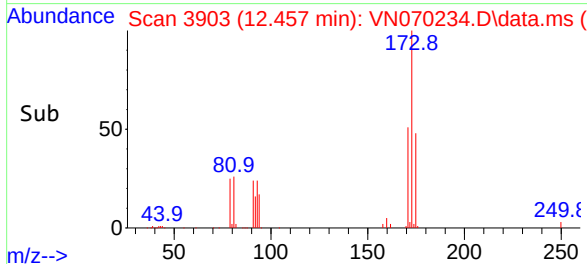
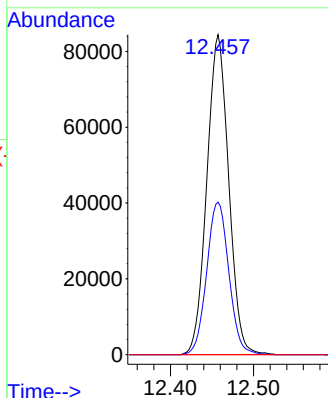
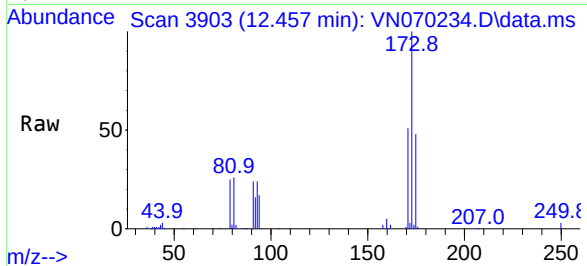
#71
Bromoform
Concen: 19.52 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion:173 Resp: 154200
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

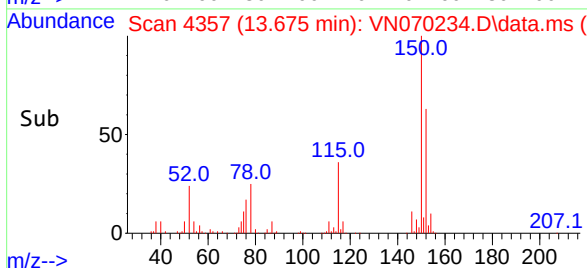
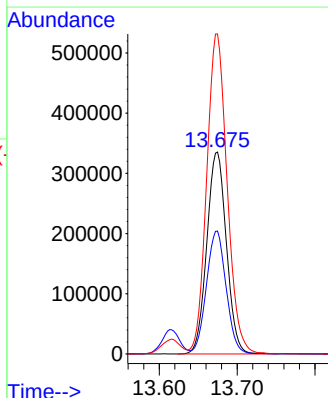
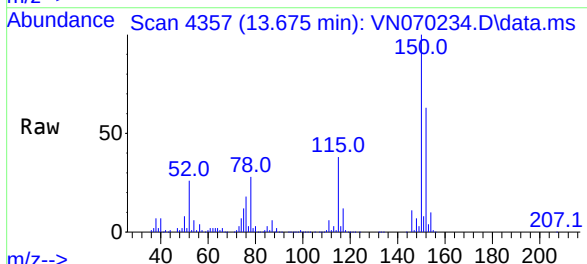
Manual Integrations
APPROVED

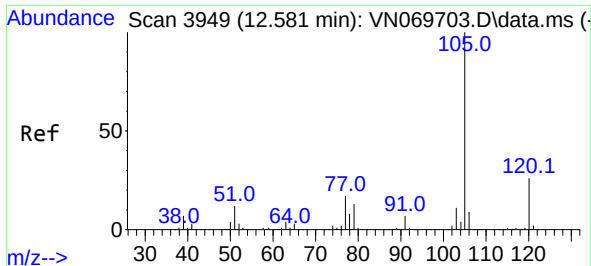
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion:152 Resp: 587655
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 164.8 0.0 344.4





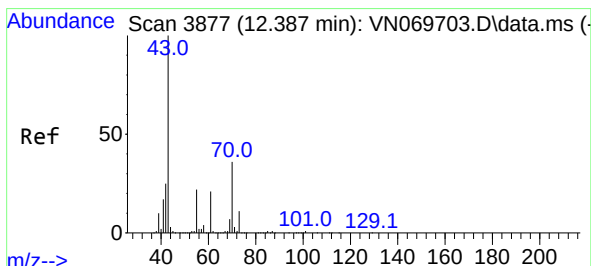
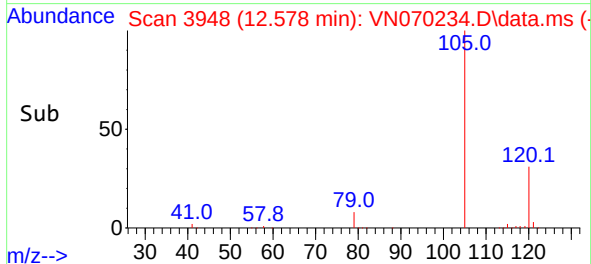
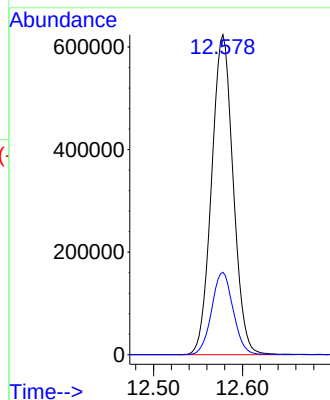
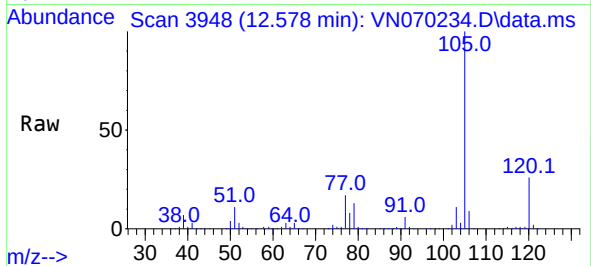
#73
Isopropylbenzene
Concen: 20.11 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion:105 Resp: 105122
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

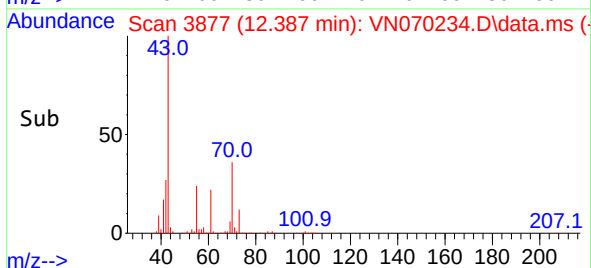
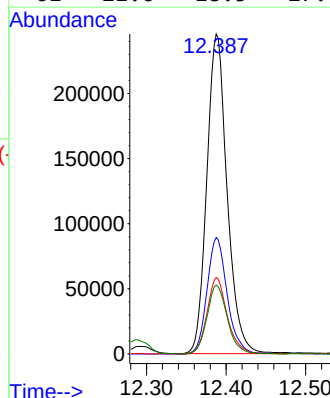
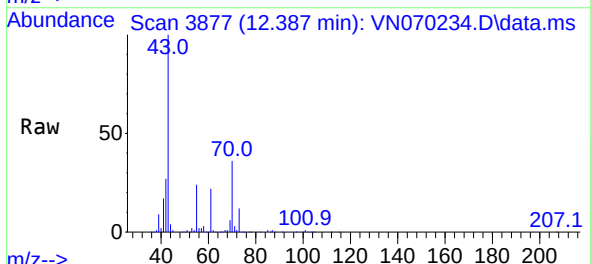
Manual Integrations
APPROVED

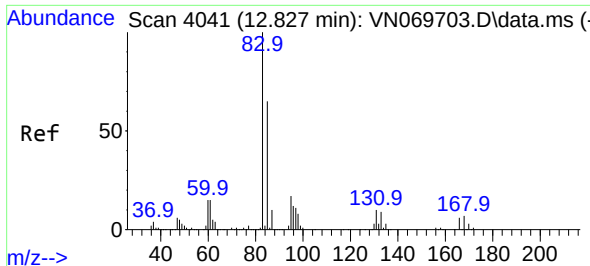
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 18.85 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

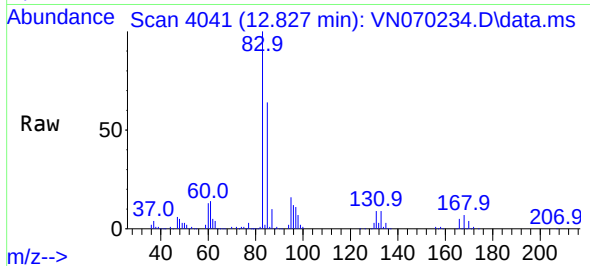
Tgt Ion: 43 Resp: 435762
Ion Ratio Lower Upper
43 100
70 36.3 33.4 50.0
55 23.9 19.3 28.9
61 21.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.09 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

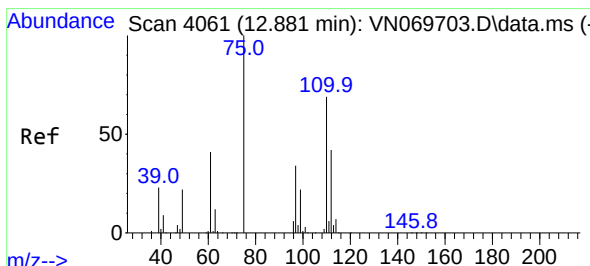
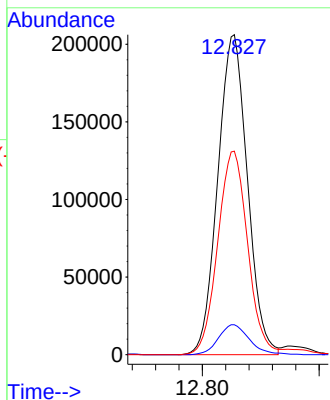
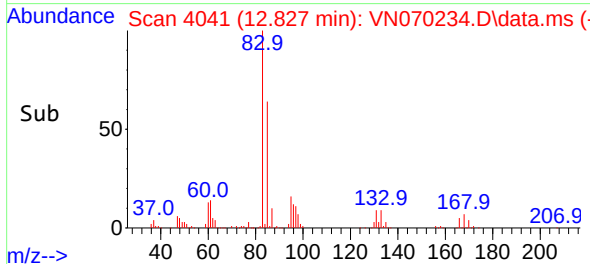
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



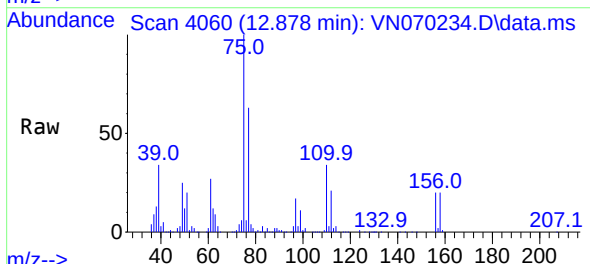
Tgt Ion: 83 Resp: 363140
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

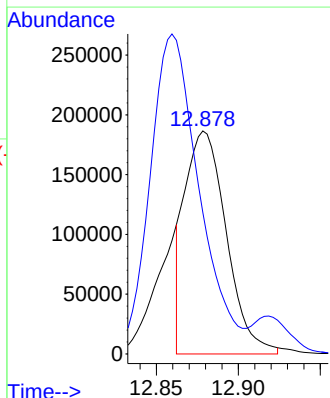
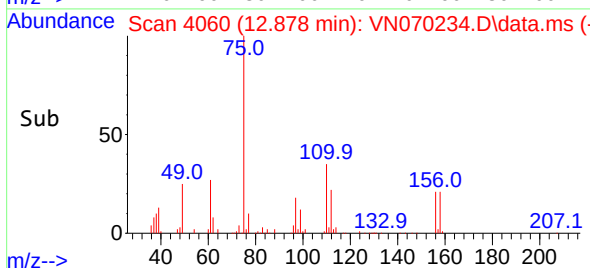
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

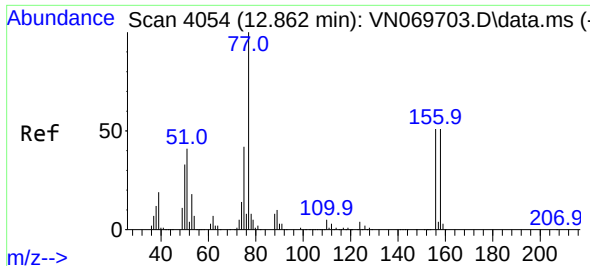


#76
1,2,3-Trichloropropane
Concen: 19.44 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



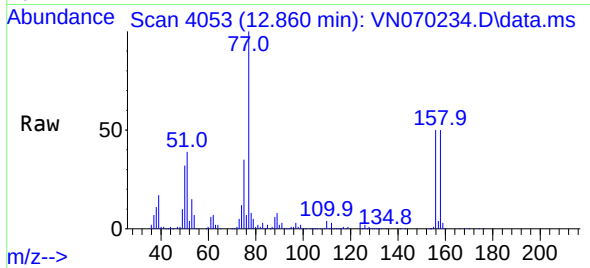
Tgt Ion: 75 Resp: 327667
Ion Ratio Lower Upper
75 100
77 169.9 82.6 247.8





#77
Bromobenzene
Concen: 19.57 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

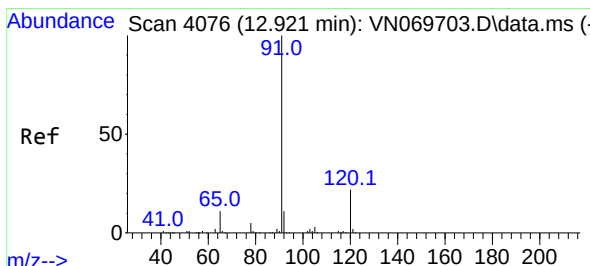
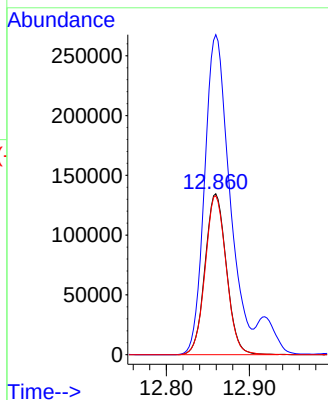
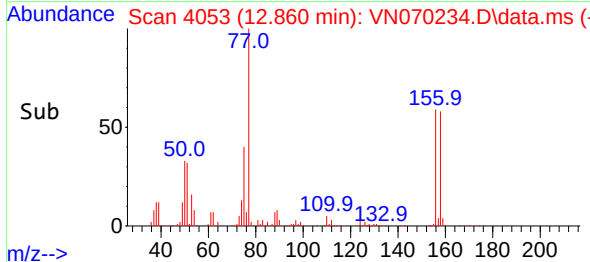
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



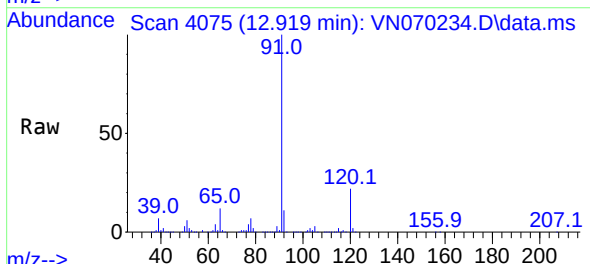
Tgt Ion:156 Resp: 240300
Ion Ratio Lower Upper
156 100
77 231.6 90.6 271.8
158 97.9 48.9 146.7

Manual Integrations
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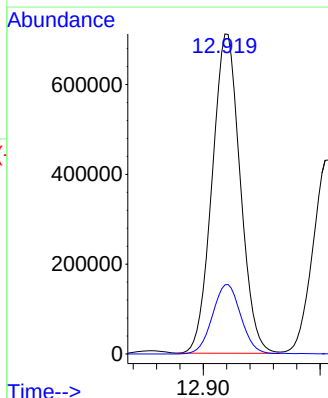
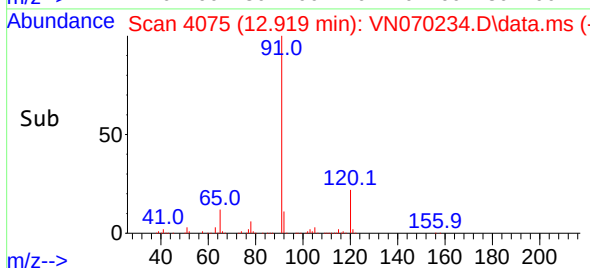
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

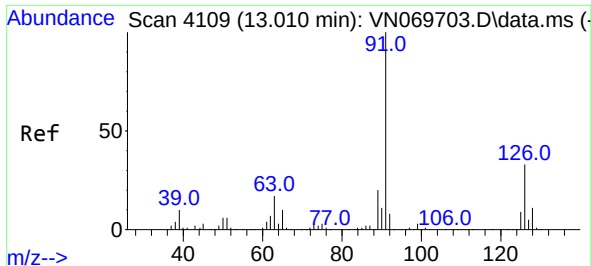


#78
n-propylbenzene
Concen: 20.38 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



Tgt Ion: 91 Resp: 1185742
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





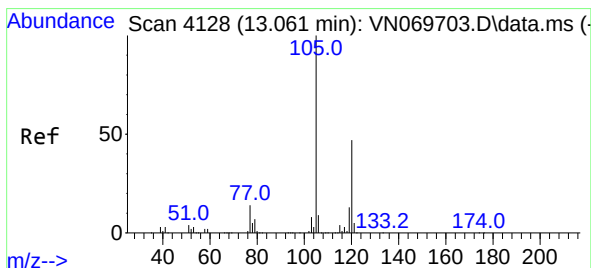
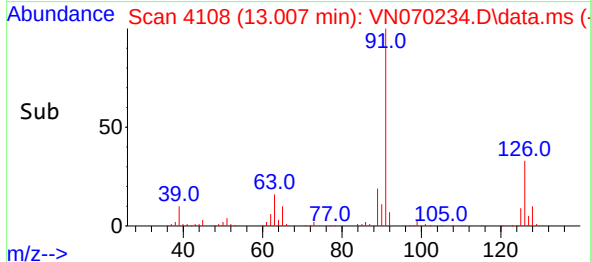
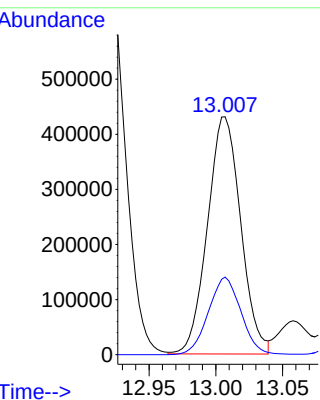
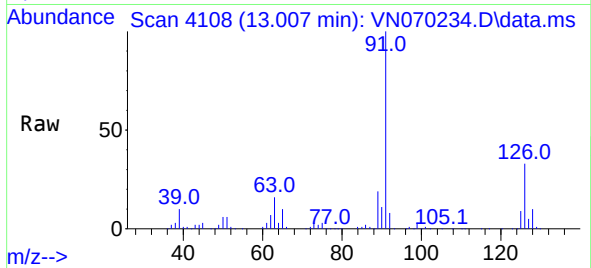
#79
2-Chlorotoluene
Concen: 20.35 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion: 91 Resp: 74817
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

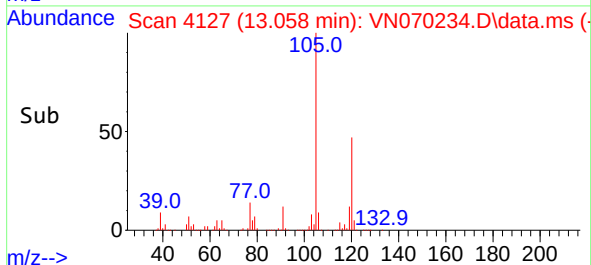
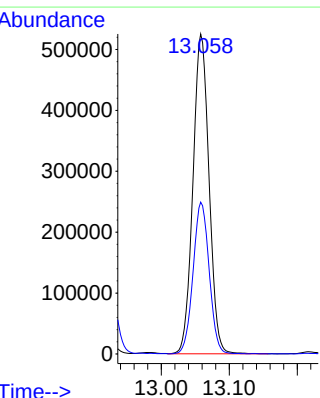
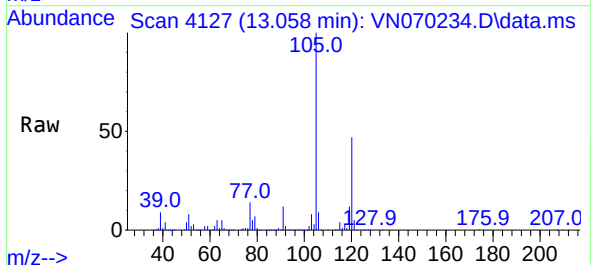
Manual Integrations
APPROVED

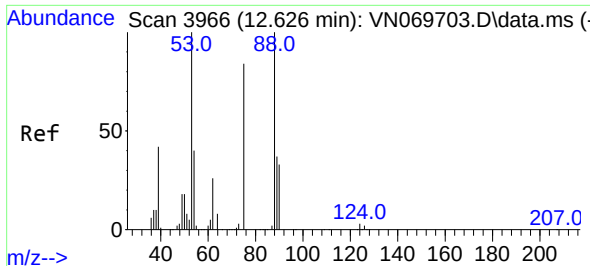
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.48 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

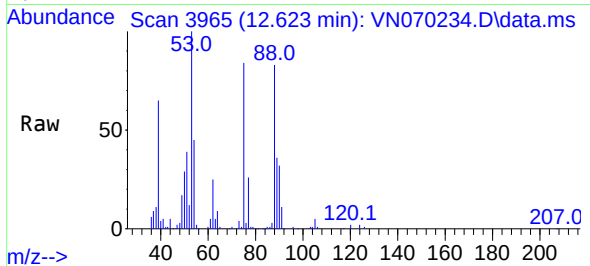
Tgt Ion:105 Resp: 861675
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.48 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

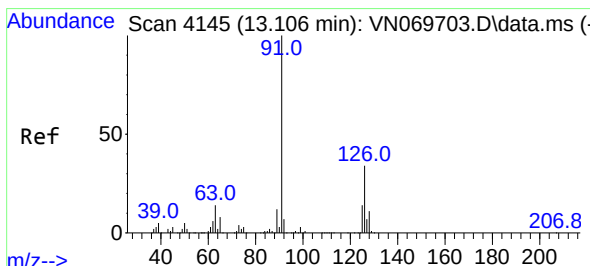
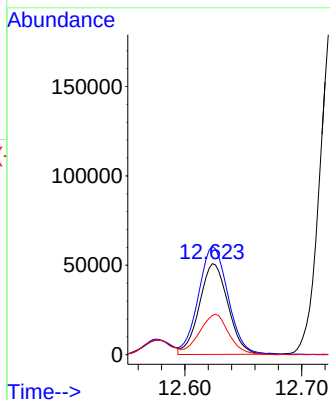
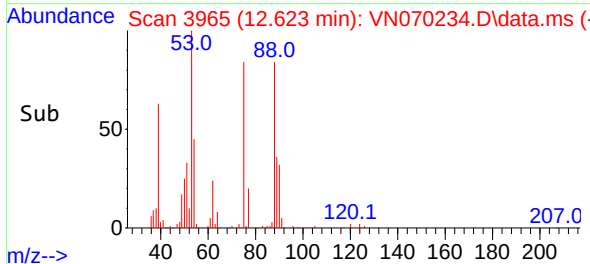
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



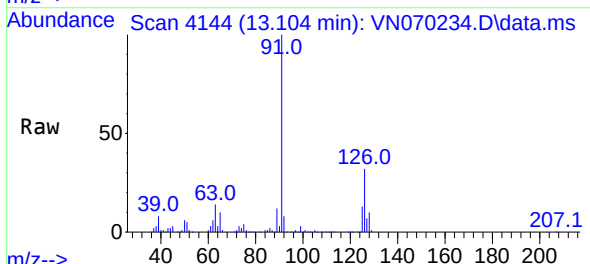
Tgt Ion: 75 Resp: 8640
Ion Ratio Lower Upper
75 100
53 122.8 90.5 135.7
89 45.9 38.2 57.4

Manual Integrations
APPROVED

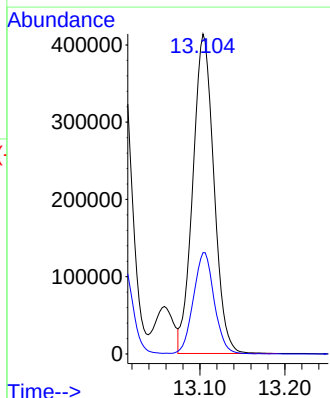
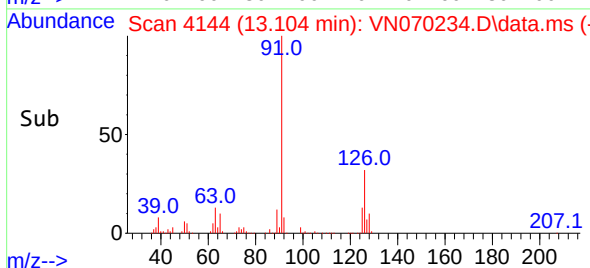
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

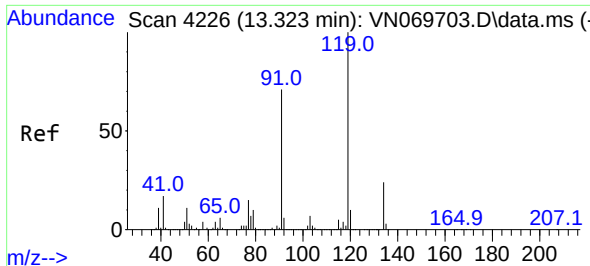


#82
4-Chlorotoluene
Concen: 20.53 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



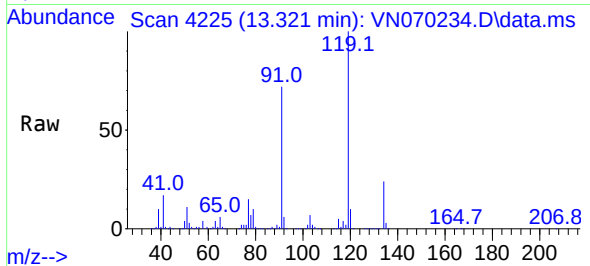
Tgt Ion: 91 Resp: 709705
Ion Ratio Lower Upper
91 100
126 31.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.94 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

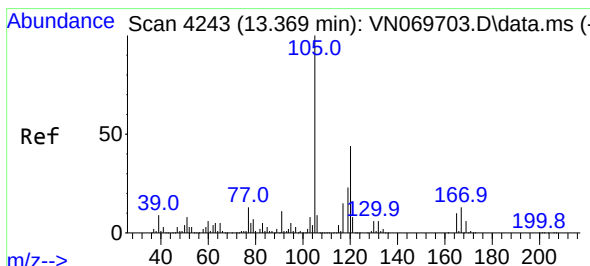
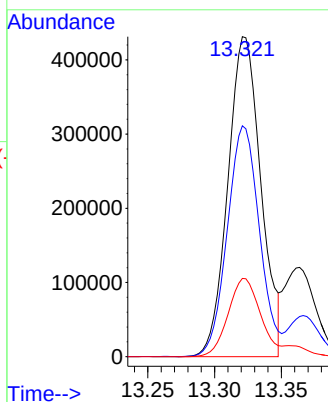
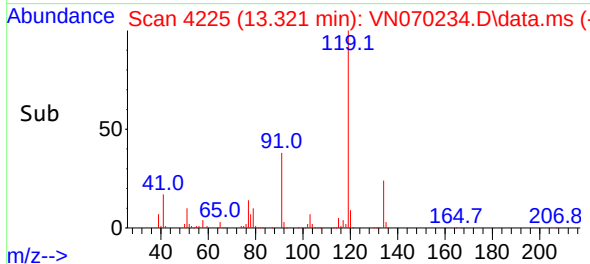
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



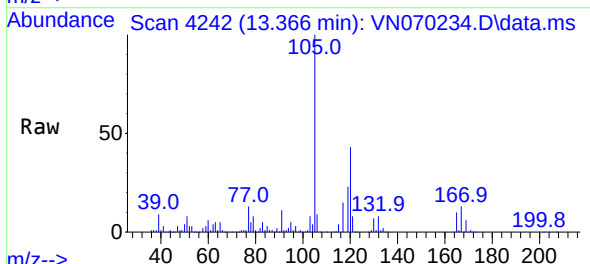
Tgt Ion:119 Resp: 74301
Ion Ratio Lower Upper
119 100
91 70.7 31.5 94.5
134 24.1 12.4 37.4

Manual Integrations
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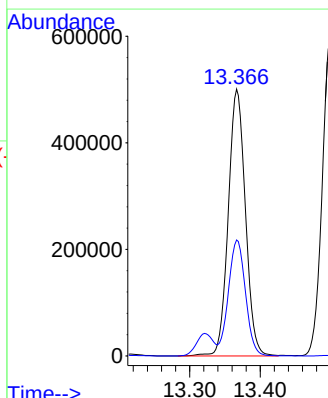
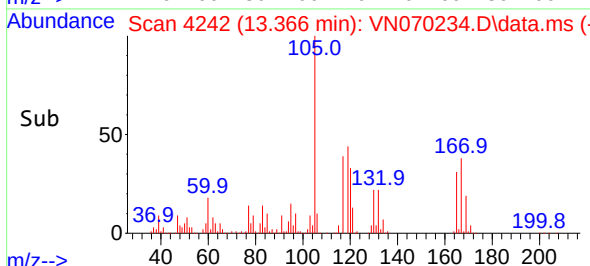
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

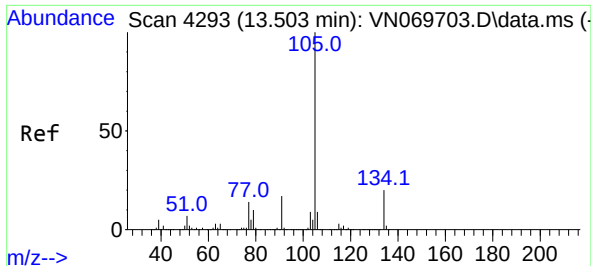


#84
1,2,4-Trimethylbenzene
Concen: 21.11 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



Tgt Ion:105 Resp: 846058
Ion Ratio Lower Upper
105 100
120 43.2 22.8 68.4





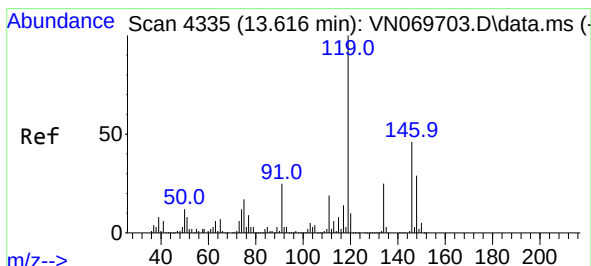
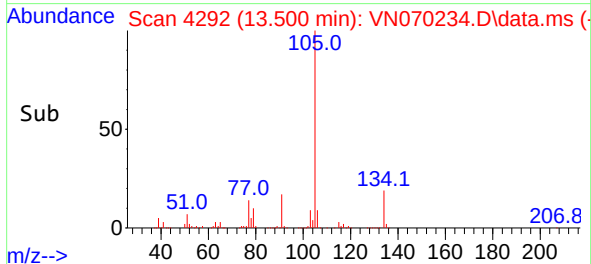
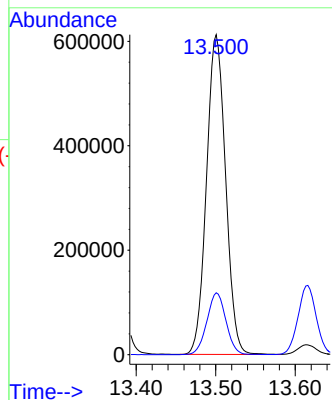
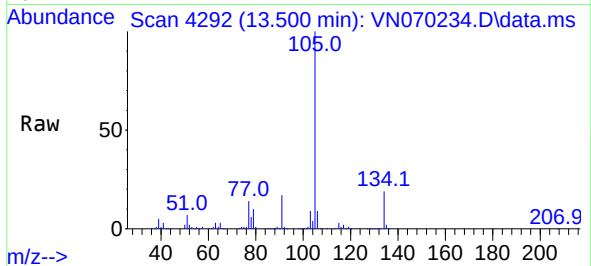
#85
 sec-Butylbenzene
 Concen: 20.18 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN070234.D
 Acq: 20 Dec 2021 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBS01

Tgt Ion:105 Resp: 1020120
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

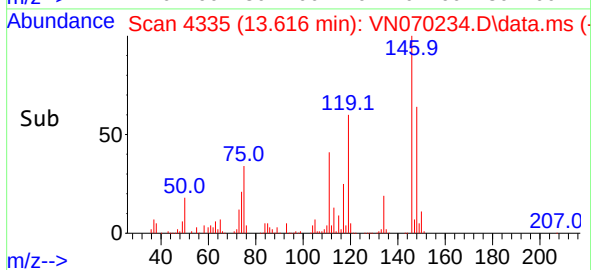
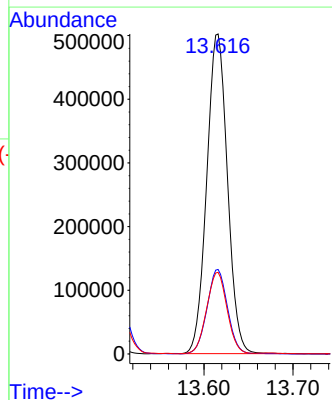
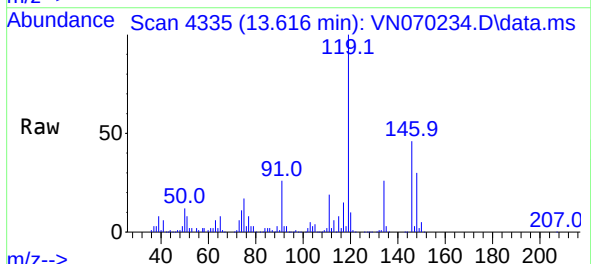
Manual Integrations
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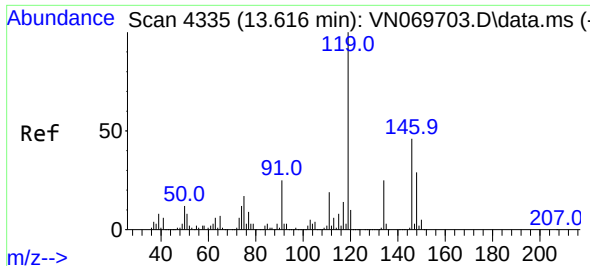
Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 20.49 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070234.D
 Acq: 20 Dec 2021 12:30

Tgt Ion:119 Resp: 809715
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.7
 91 25.2 11.4 34.1





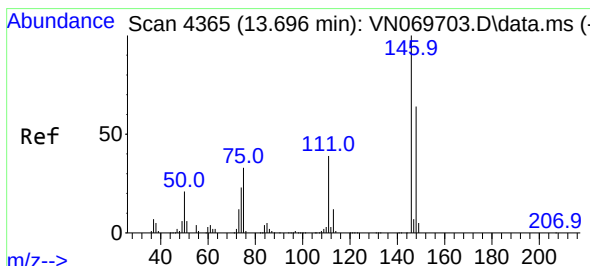
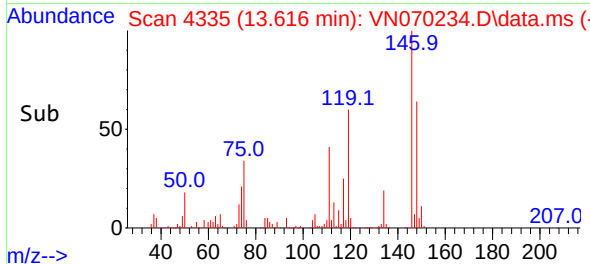
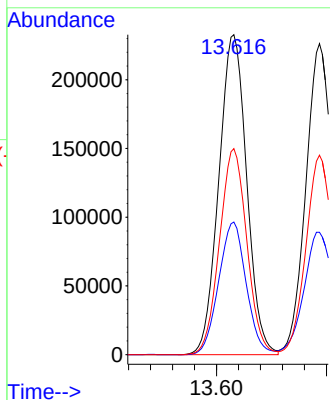
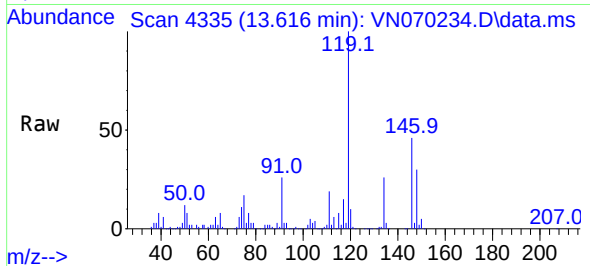
#87
1,3-Dichlorobenzene
Concen: 20.32 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion:146 Resp: 410010
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 63.3 31.6 95.0

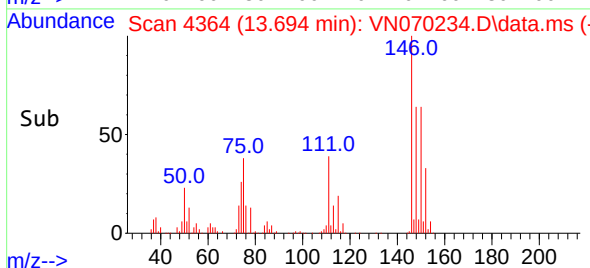
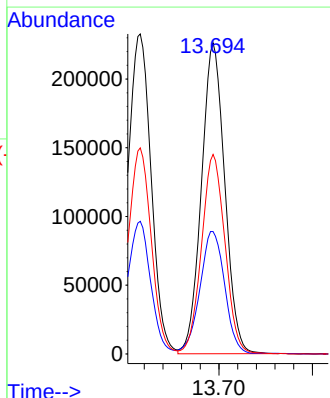
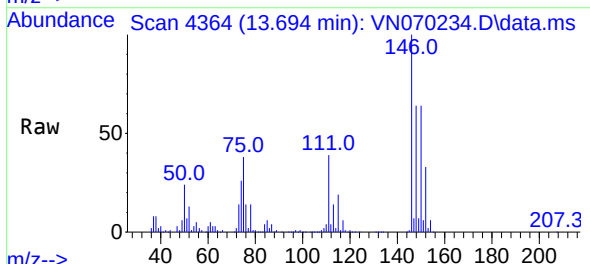
Manual Integrations
APPROVED

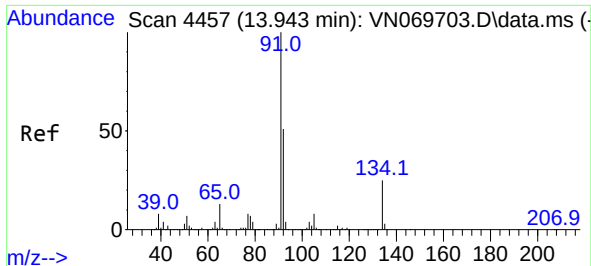
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#88
1,4-Dichlorobenzene
Concen: 19.76 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

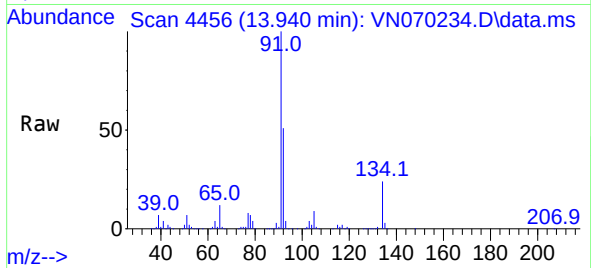
Tgt Ion:146 Resp: 391870
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 19.69 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

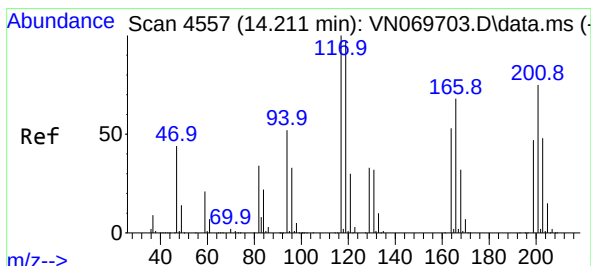
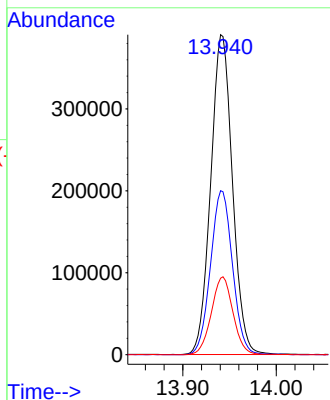
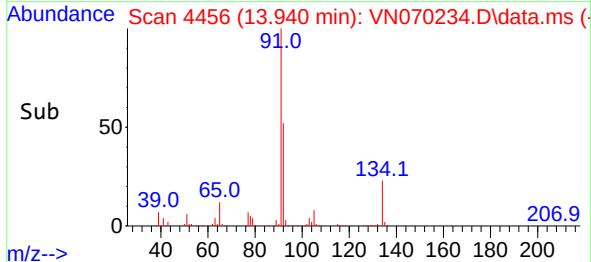
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



Tgt Ion: 91 Resp: 631179
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 24.3 13.6 40.8

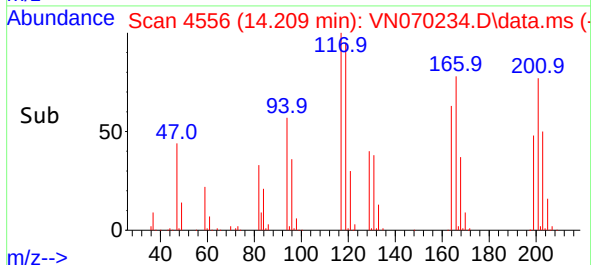
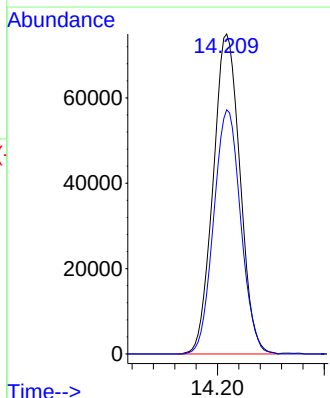
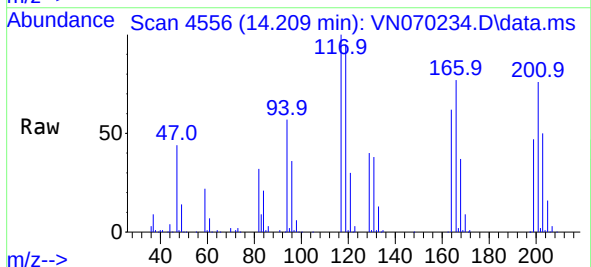
Manual Integrations
APPROVED

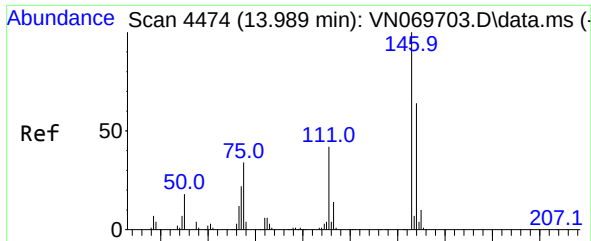
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 18.89 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

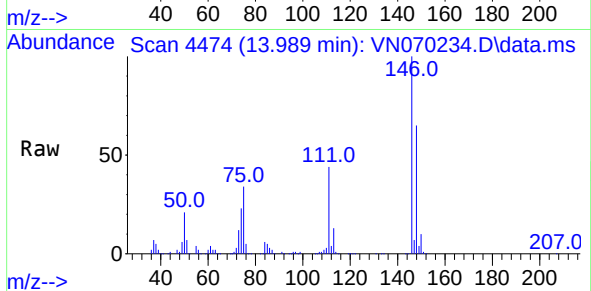
Tgt Ion:117 Resp: 131017
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.32 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

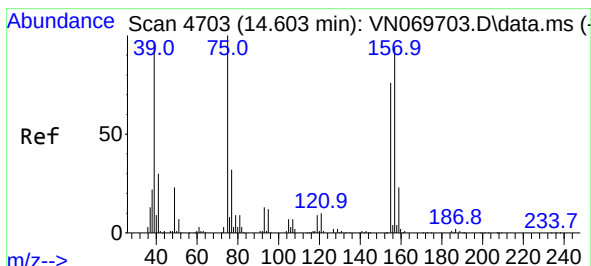
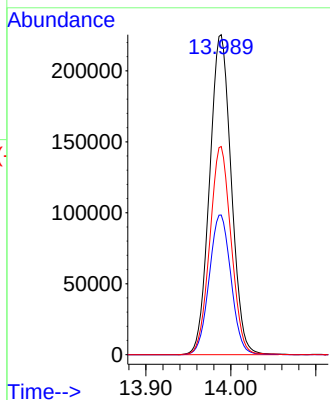
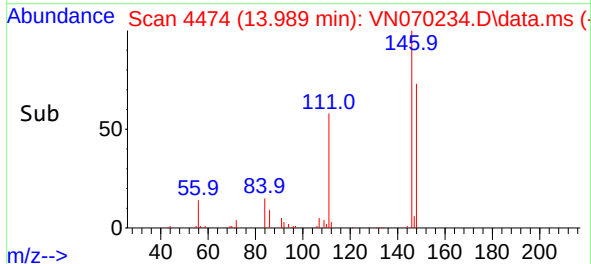
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



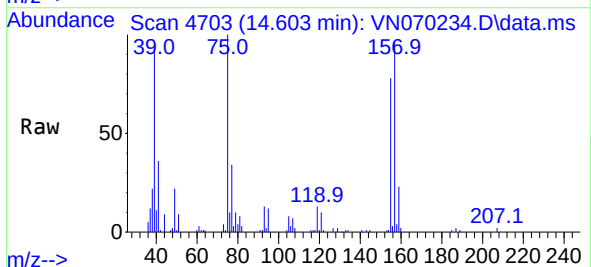
Tgt Ion:146 Resp: 39954
Ion Ratio Lower Upper
146 100
111 43.9 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
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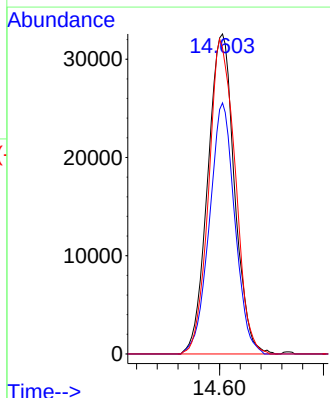
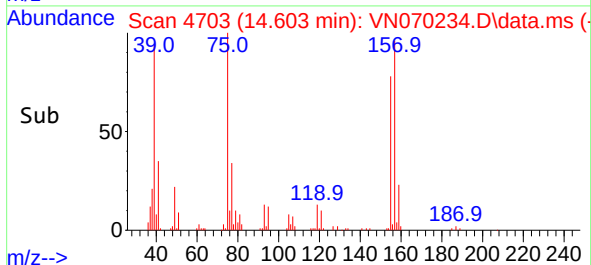
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

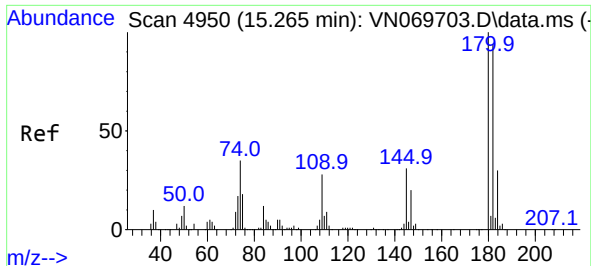


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.80 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



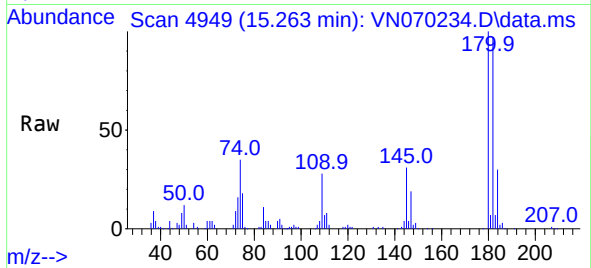
Tgt Ion: 75 Resp: 58147
Ion Ratio Lower Upper
75 100
155 74.5 46.9 140.7
157 97.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.27 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

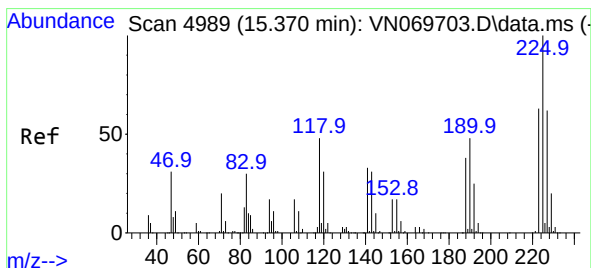
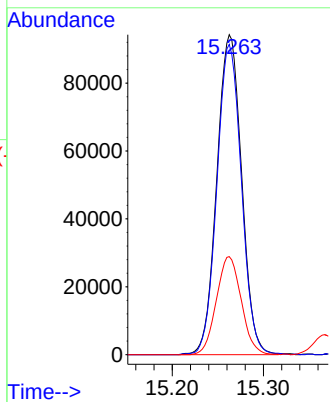
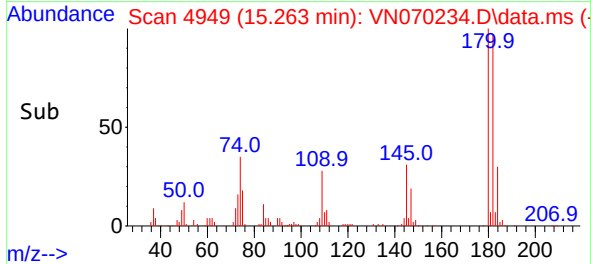
Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01



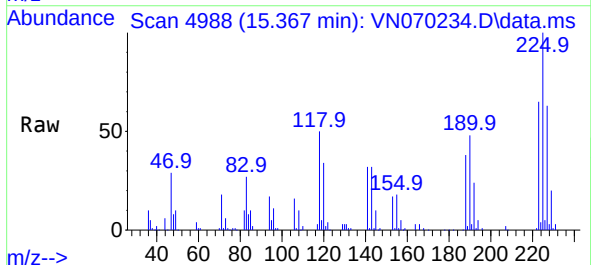
Tgt Ion:180 Resp: 17794
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
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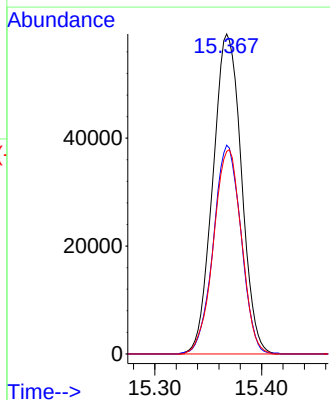
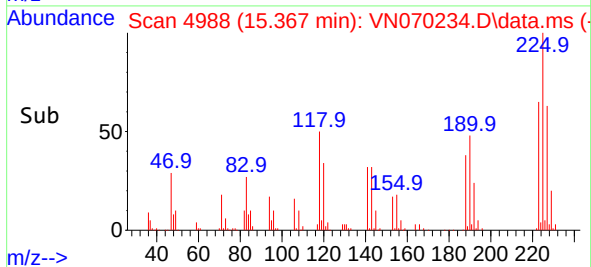
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

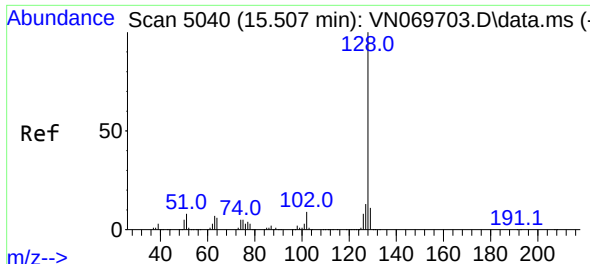


#94
Hexachlorobutadiene
Concen: 21.13 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30



Tgt Ion:225 Resp: 110075
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 62.7 32.1 96.3





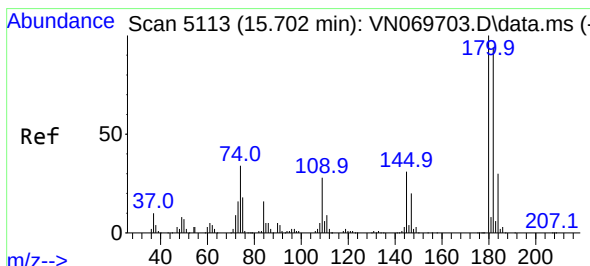
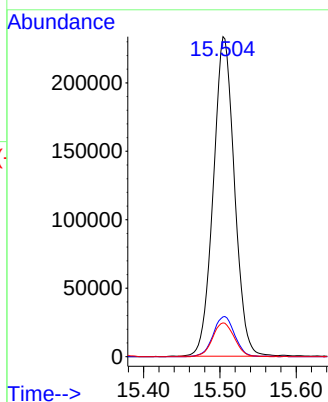
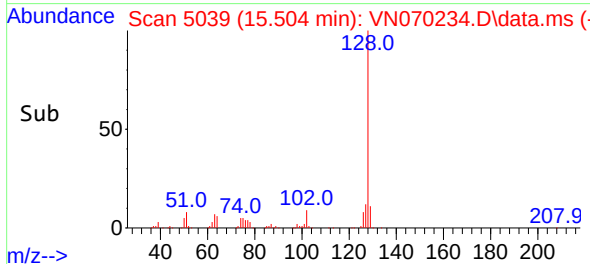
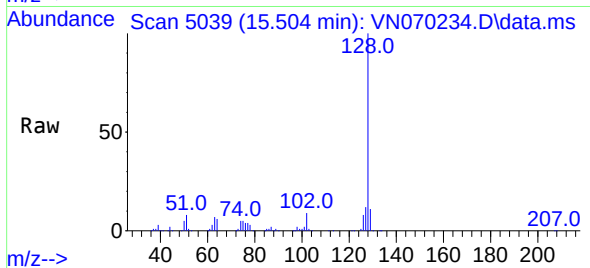
#95
Naphthalene
Concen: 18.37 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBS01

Tgt Ion:128 Resp: 448774
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.10 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070234.D
Acq: 20 Dec 2021 12:30

Tgt Ion:180 Resp: 174500
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 32.5 15.0 45.1

