

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070332.D
 Acq On : 28 Dec 2021 18:19
 Operator : JC/MD
 Sample : VN1228WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 28 19:10:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1067490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1760550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1620445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	669529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	777969	50.687	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.380%			
35) Dibromofluoromethane	8.024	113	559773	52.550	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.100%			
50) Toluene-d8	10.440	98	2225360	51.140	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.280%			
62) 4-Bromofluorobenzene	12.731	95	765433	48.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.072	85	228782	18.898	ug/l	100
3) Chloromethane	2.303	50	315583	19.164	ug/l	100
4) Vinyl Chloride	2.445	62	288531	19.244	ug/l	99
5) Bromomethane	2.853	94	158152	20.437	ug/l	100
6) Chloroethane	3.019	64	168069	18.614	ug/l	100
7) Trichlorofluoromethane	3.376	101	325047	18.012	ug/l	100
8) Diethyl Ether	3.824	74	153171	19.254	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	207322	18.783	ug/l	97
10) Methyl Iodide	4.419	142	293413	19.643	ug/l	99
11) Tert butyl alcohol	5.382	59	259410	101.507	ug/l	99
12) 1,1-Dichloroethene	4.178	96	203479	18.716	ug/l	94
13) Acrolein	4.041	56	219110	105.668	ug/l	99
14) Allyl chloride	4.840	41	462803	18.776	ug/l	86
15) Acrylonitrile	5.556	53	837458	105.013	ug/l	99
16) Acetone	4.288	43	952966	95.645	ug/l	100
17) Carbon Disulfide	4.529	76	556436	18.750	ug/l	99
18) Methyl Acetate	4.856	43	600850	20.847	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	778153	19.273	ug/l	95
20) Methylene Chloride	5.095	84	257259	18.662	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	218855	19.012	ug/l	85
22) Diisopropyl ether	6.498	45	949125	19.769	ug/l #	93
23) Vinyl Acetate	6.436	43	3381974	90.792	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	469514	18.860	ug/l	98
25) 2-Butanone	7.337	43	1254129	99.968	ug/l	90
26) 2,2-Dichloropropane	7.326	77	357458	18.202	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	261301	19.024	ug/l	87
28) Bromochloromethane	7.659	49	217919	17.900	ug/l #	76
29) Tetrahydrofuran	7.688	42	818551	109.359	ug/l	86
30) Chloroform	7.820	83	458074	19.074	ug/l	99
31) Cyclohexane	8.096	56	462773	19.107	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	385112	19.018	ug/l	97
36) 1,1-Dichloropropene	8.222	75	326905	18.551	ug/l	96
37) Ethyl Acetate	7.415	43	489234	21.419	ug/l	96
38) Carbon Tetrachloride	8.206	117	324193	19.267	ug/l	99
39) Methylcyclohexane	9.461	83	388589	18.215	ug/l	88
40) Benzene	8.461	78	1042582	19.299	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	243232	21.290	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	382981	18.860	ug/l	98
43) Isopropyl Acetate	8.563	43	731914	20.324	ug/l #	94
44) Trichloroethene	9.217	130	234192	18.244	ug/l	93
45) 1,2-Dichloropropane	9.491	63	286705	19.711	ug/l	100
46) Dibromomethane	9.577	93	176294	19.491	ug/l	94
47) Bromodichloromethane	9.762	83	358375	19.955	ug/l	99
48) Methyl methacrylate	9.560	41	360528	20.989	ug/l #	80
49) 1,4-Dioxane	9.569	88	106941	425.304	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2414067	106.682	ug/l	96
52) Toluene	10.505	92	633677	19.378	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	377651	19.424	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	416485	19.802	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	248721	19.224	ug/l	98
56) Ethyl methacrylate	10.762	69	425515	19.904	ug/l	90
57) 1,3-Dichloropropane	11.044	76	445471	19.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	626418	124.733	ug/l	90
59) 2-Hexanone	11.084	43	1844557	111.779	ug/l	92
60) Dibromochloromethane	11.237	129	257172	20.372	ug/l	99
61) 1,2-Dibromoethane	11.347	107	254991	19.410	ug/l	100
64) Tetrachloroethene	10.979	164	199926	17.038	ug/l	95
65) Chlorobenzene	11.770	112	645887	18.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	240104	19.561	ug/l	99
67) Ethyl Benzene	11.846	91	1199415	19.039	ug/l	97
68) m/p-Xylenes	11.953	106	883423	38.525	ug/l	94
69) o-Xylene	12.280	106	435753	19.105	ug/l	93
70) Styrene	12.293	104	701864	19.443	ug/l	97
71) Bromoform	12.457	173	191907	21.067	ug/l #	99
73) Isopropylbenzene	12.578	105	1106713	17.800	ug/l	98
74) N-amyl acetate	12.387	43	534156	20.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	399827	18.636	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	370532m	20.405	ug/l	
77) Bromobenzene	12.859	156	257841	18.063	ug/l	76
78) n-propylbenzene	12.921	91	1266474	18.384	ug/l	96
79) 2-Chlorotoluene	13.007	91	783077	17.716	ug/l	93
80) 1,3,5-Trimethylbenzene	13.060	105	910519	18.274	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	115709	21.115	ug/l	98
82) 4-Chlorotoluene	13.106	91	747789	18.061	ug/l	92
83) tert-Butylbenzene	13.323	119	789488	17.995	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	889681	18.544	ug/l	97
85) sec-Butylbenzene	13.500	105	1077737	18.094	ug/l	97
86) p-Isopropyltoluene	13.616	119	853290	18.237	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	432975	18.119	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	422258	17.914	ug/l	96
89) n-Butylbenzene	13.943	91	712398	18.254	ug/l	97
90) Hexachloroethane	14.211	117	167101	20.557	ug/l	91
91) 1,2-Dichlorobenzene	13.988	146	422168	18.021	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	76399	21.211	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	202196	18.318	ug/l	98
94) Hexachlorobutadiene	15.370	225	125122	19.505	ug/l	100
95) Naphthalene	15.506	128	593771	20.562	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	202662	19.704	ug/l	97

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ClientSampleId :
VN1228WBS01

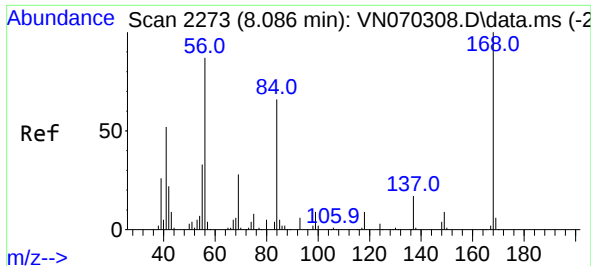
Manual Integrations
APPROVED

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



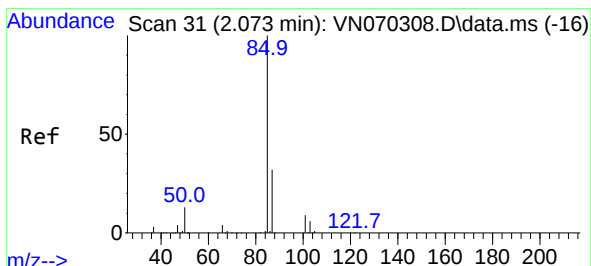
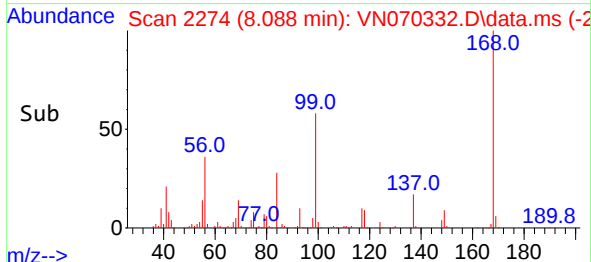
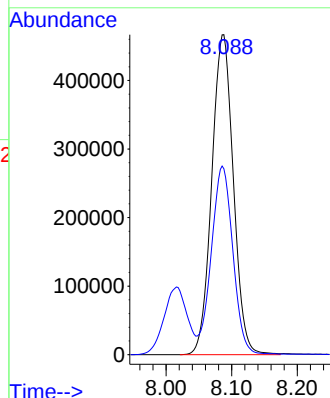
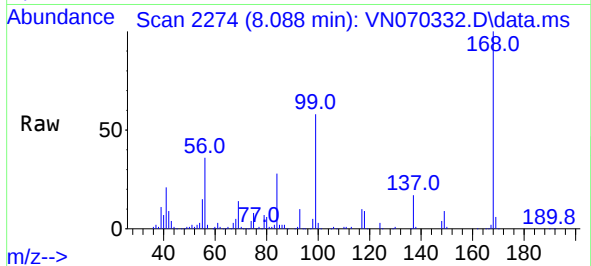
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:168 Resp: 1067490
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9

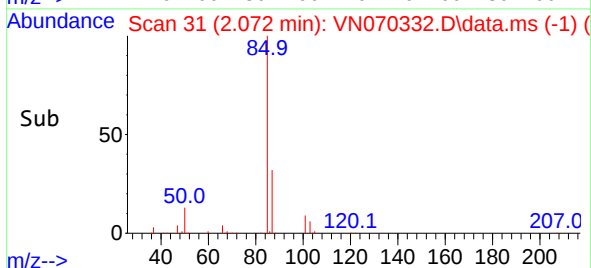
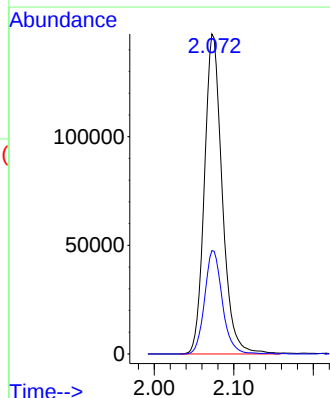
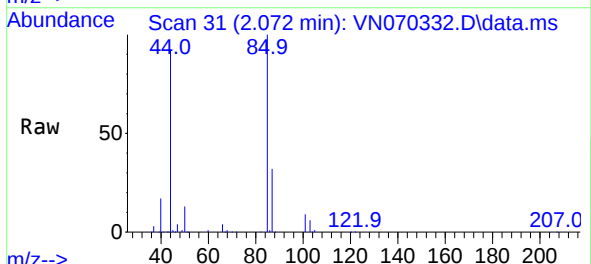
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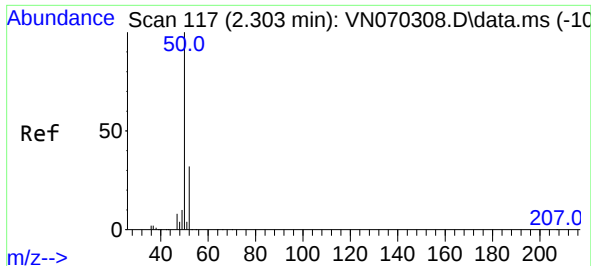
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#2
Dichlorodifluoromethane
Concen: 18.898 ug/l
RT: 2.072 min Scan# 31
Delta R.T. -0.001 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

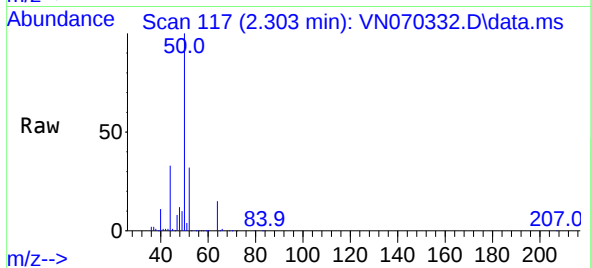
Tgt Ion: 85 Resp: 228782
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 19.164 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

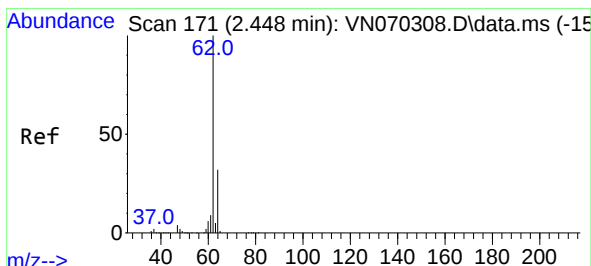
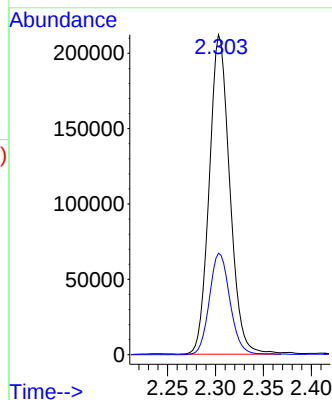
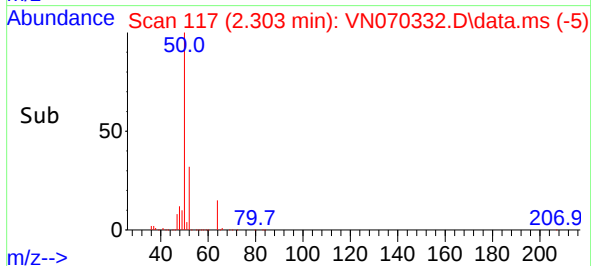
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 31558
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

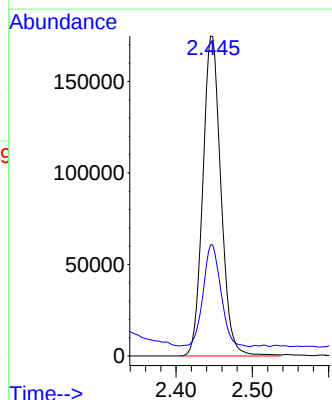
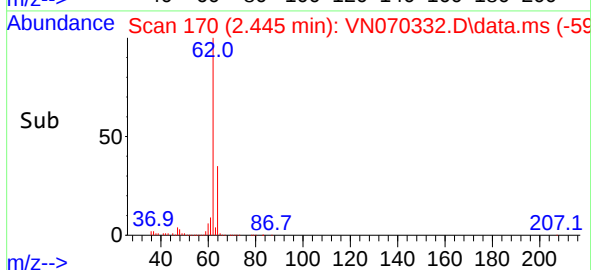
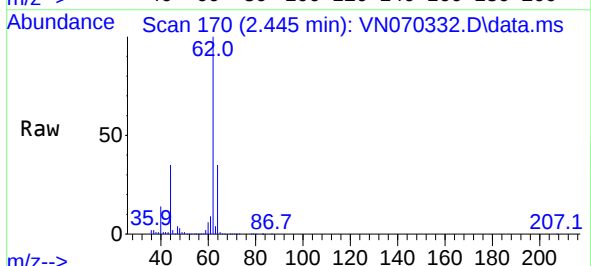
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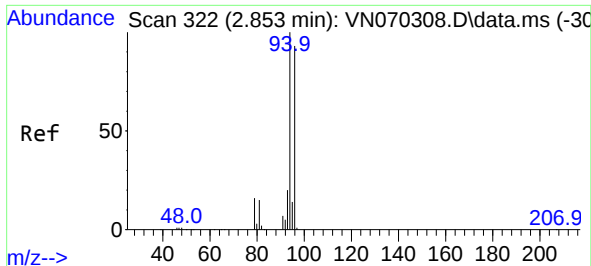
Reviewed By :John Carlone 12/29/2021
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#4
Vinyl Chloride
Concen: 19.244 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

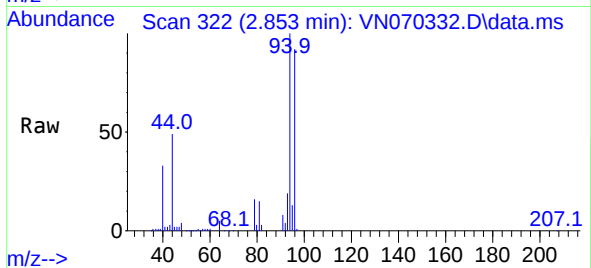
Tgt Ion: 62 Resp: 288531
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 20.437 ug/l
RT: 2.853 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

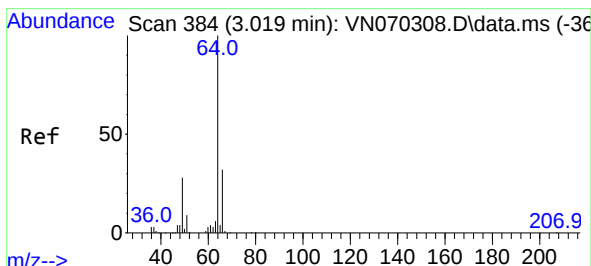
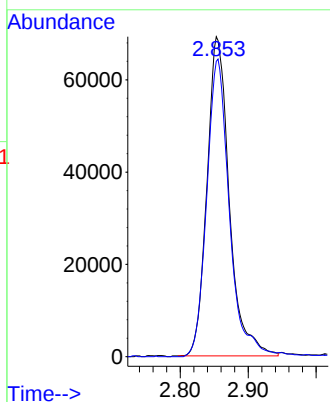
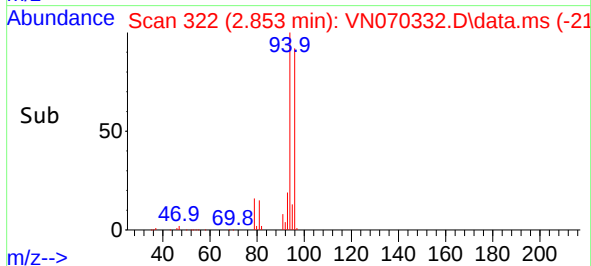
Instrument :
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Tgt Ion: 94 Resp: 158152
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

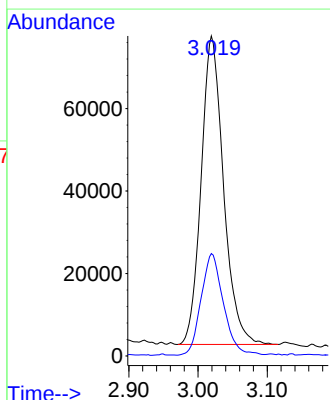
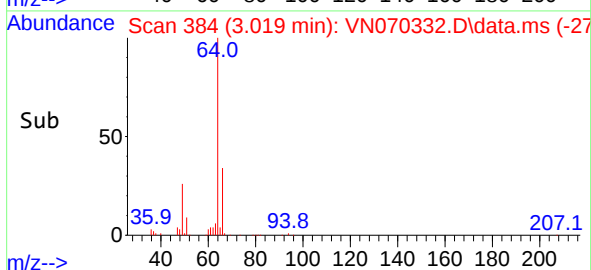
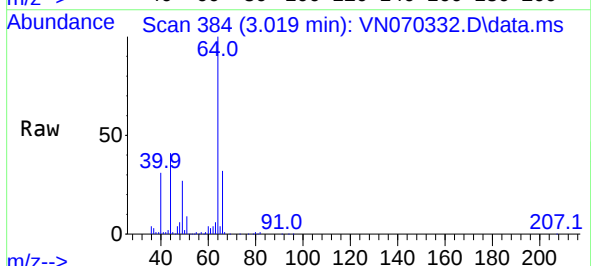
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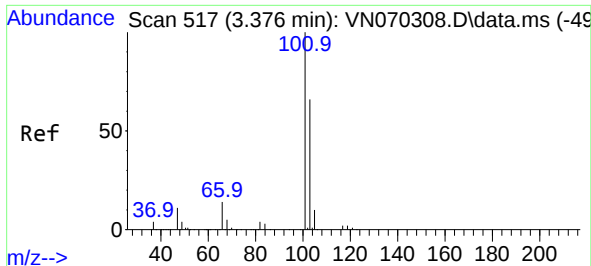
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#6
Chloroethane
Concen: 18.614 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Tgt Ion: 64 Resp: 168069
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





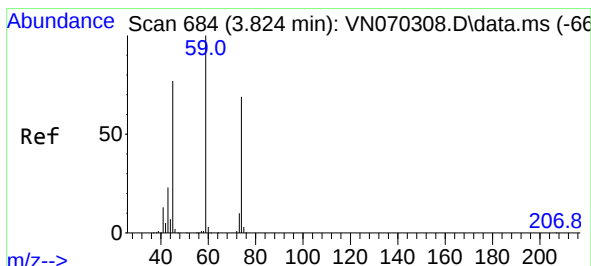
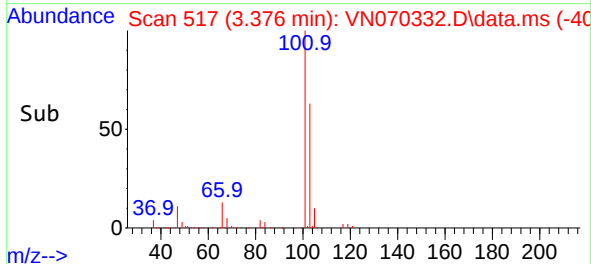
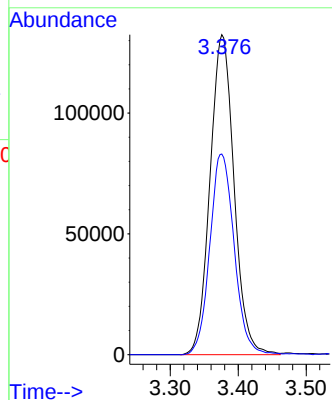
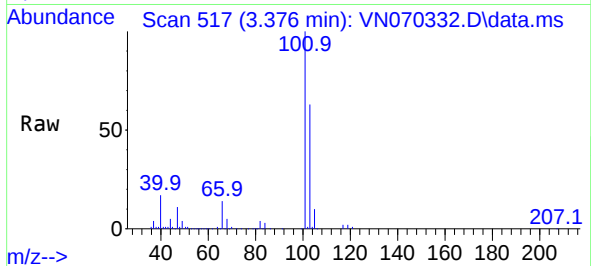
#7
Trichlorofluoromethane
Concen: 18.012 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 32504
Ion Ratio Lower Upper
101 100
103 62.7 50.1 75.1

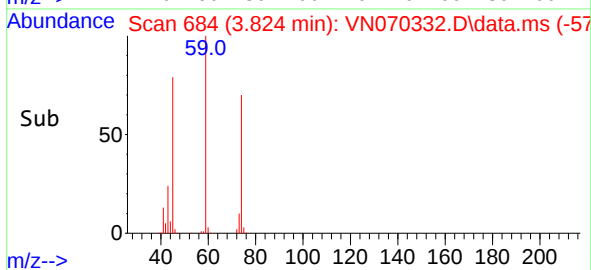
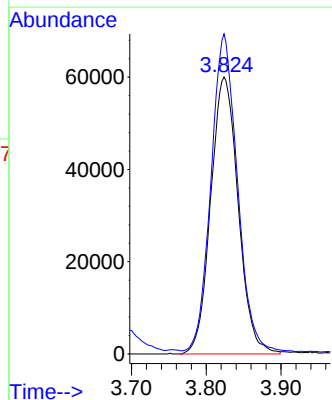
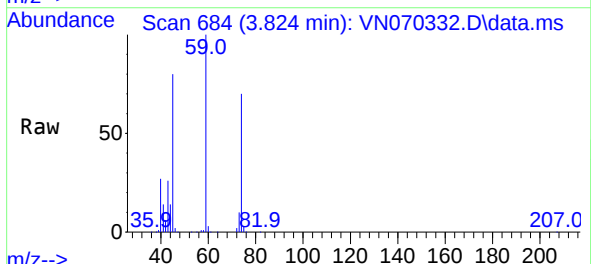
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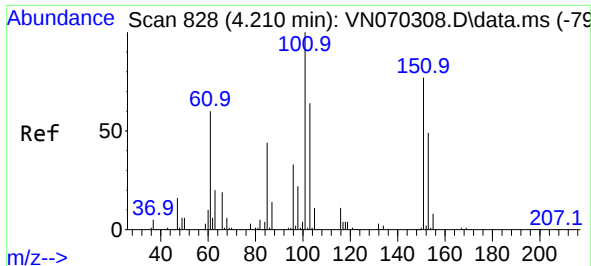
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#8
Diethyl Ether
Concen: 19.254 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070332.D
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Tgt Ion: 74 Resp: 153171
Ion Ratio Lower Upper
74 100
45 109.8 47.0 141.2





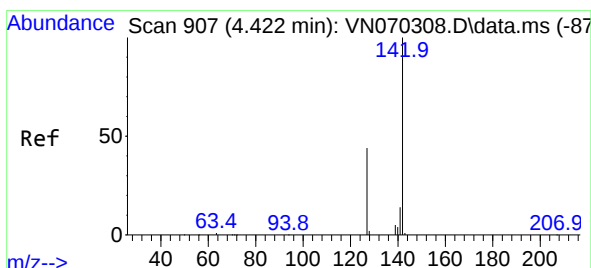
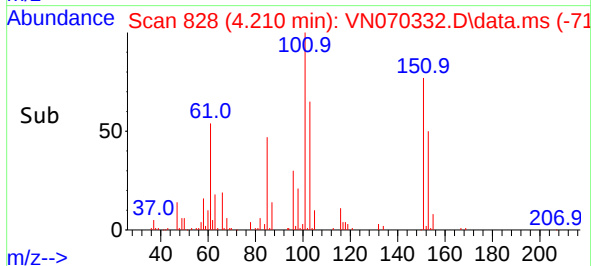
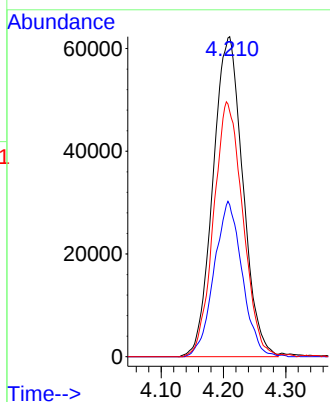
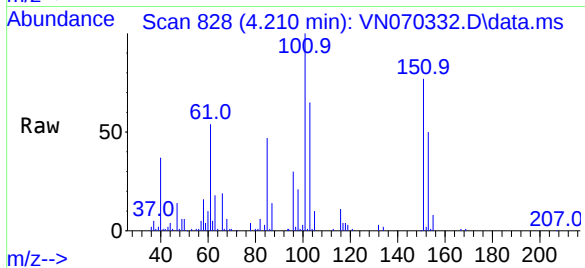
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.783 ug/l
RT: 4.210 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:101 Resp: 20732
Ion Ratio Lower Upper
101 100
85 45.7 37.2 55.8
151 78.2 65.9 98.9

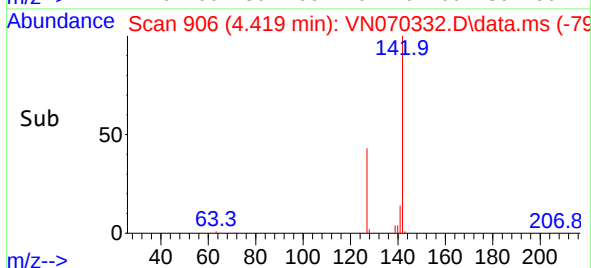
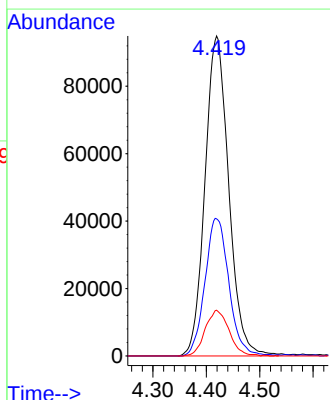
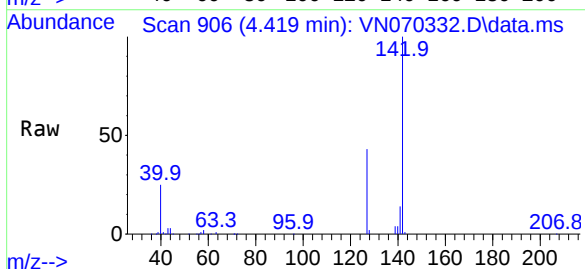
Manual Integrations
APPROVED

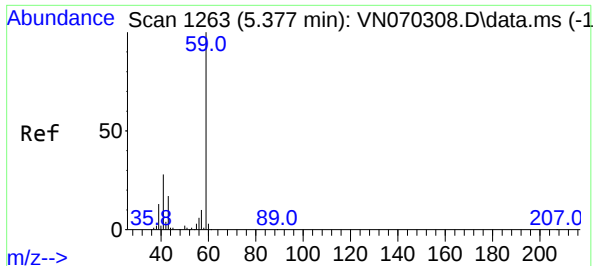
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#10
Methyl Iodide
Concen: 19.643 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

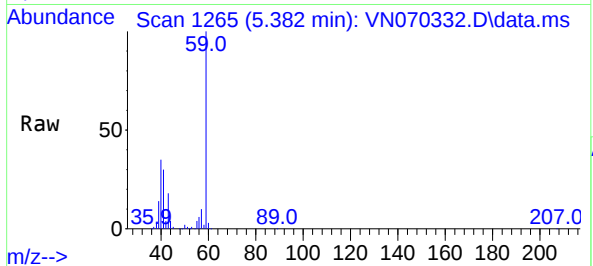
Tgt Ion:142 Resp: 293413
Ion Ratio Lower Upper
142 100
127 43.2 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 101.507 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

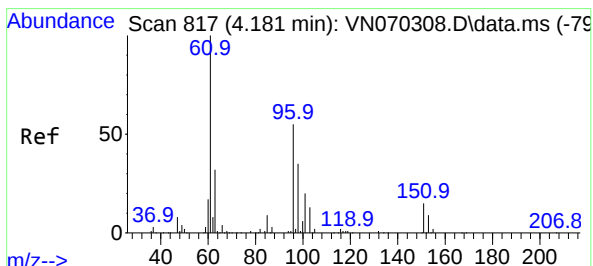
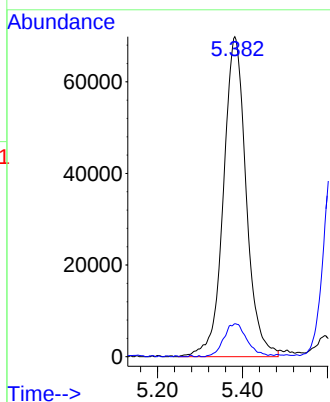
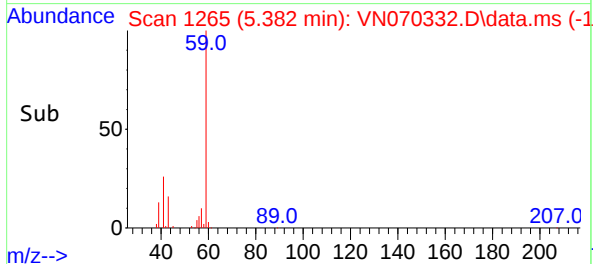
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 59 Resp: 259410
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

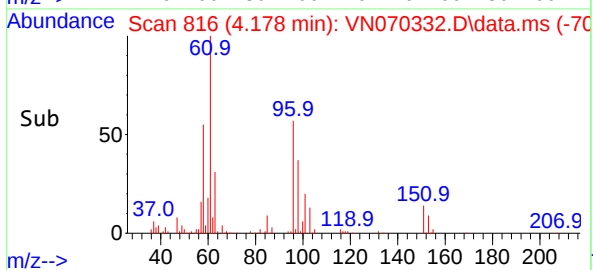
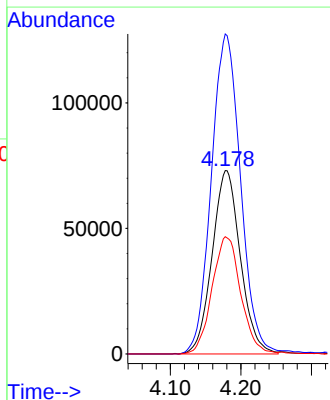
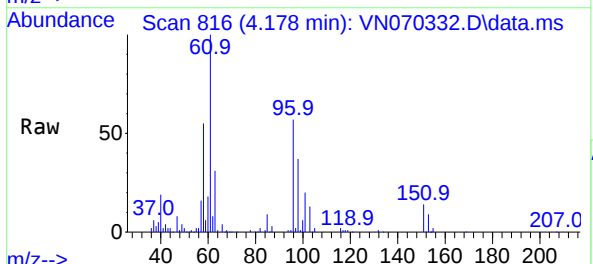
Manual Integrations
APPROVED

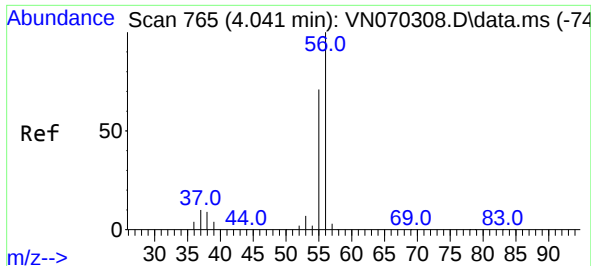
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#12
1,1-Dichloroethene
Concen: 18.716 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

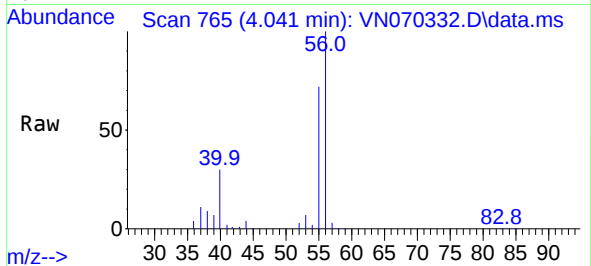
Tgt Ion: 96 Resp: 203479
Ion Ratio Lower Upper
96 100
61 174.6 131.0 196.6
98 64.0 52.4 78.6





#13
Acrolein
Concen: 105.668 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

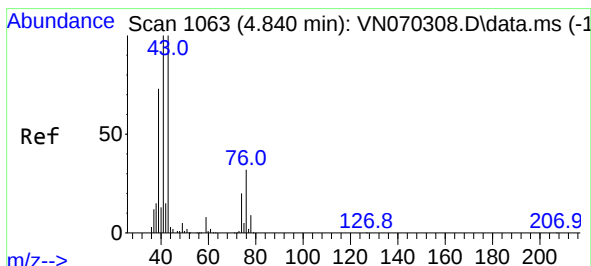
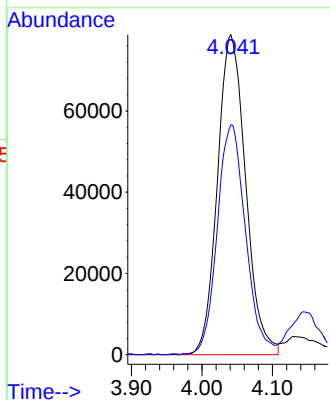
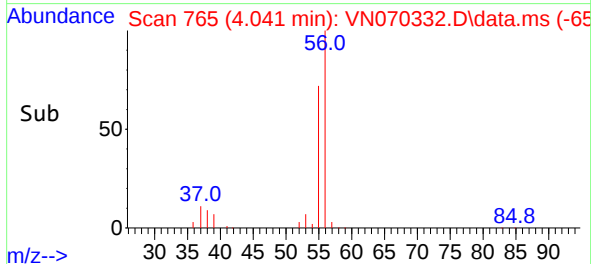
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



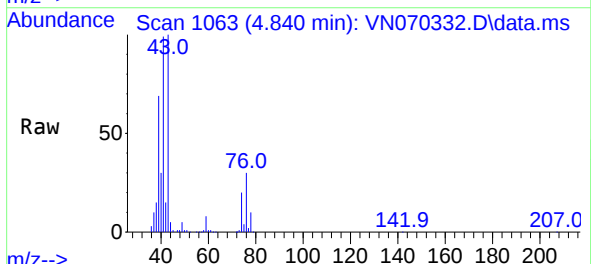
Tgt Ion: 56 Resp: 219110
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0

Manual Integrations
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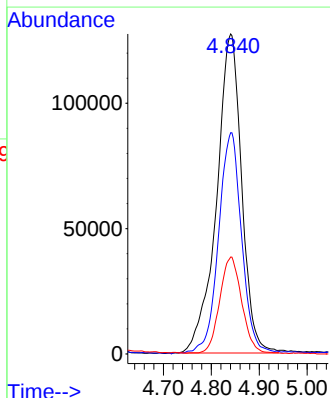
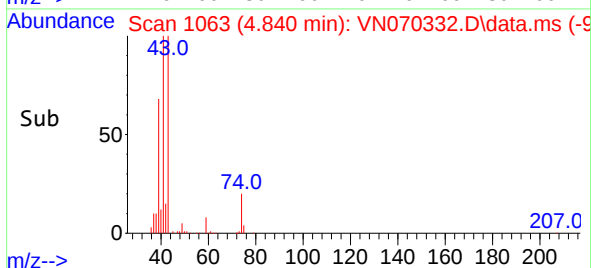
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

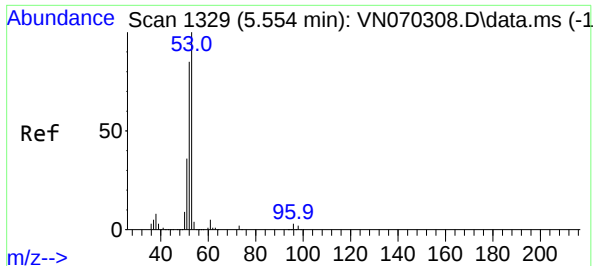


#14
Allyl chloride
Concen: 18.776 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



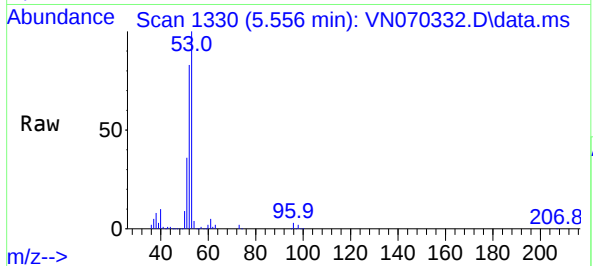
Tgt Ion: 41 Resp: 462803
Ion Ratio Lower Upper
41 100
39 63.0 61.2 91.8
76 26.6 26.0 39.0





#15
Acrylonitrile
Concen: 105.013 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

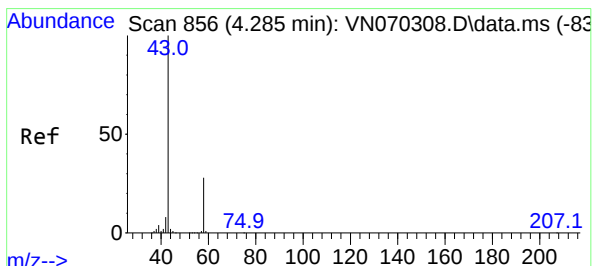
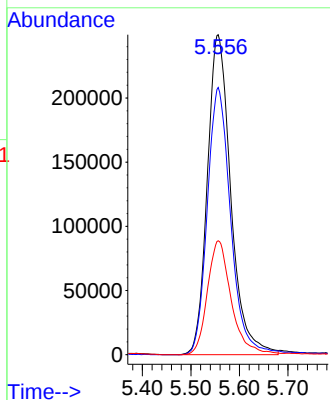
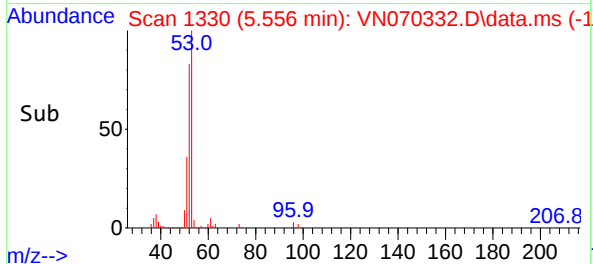
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 53 Resp: 837458
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 35.8 29.6 44.4

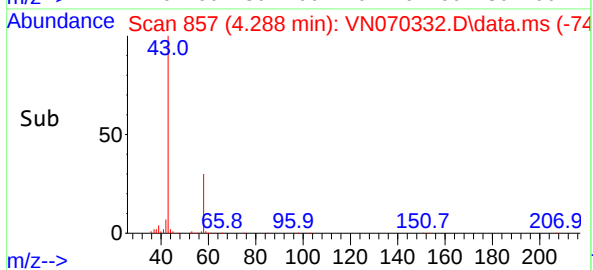
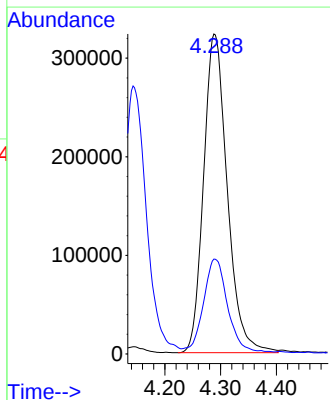
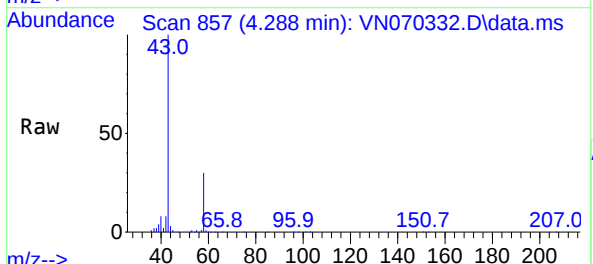
Manual Integrations
APPROVED

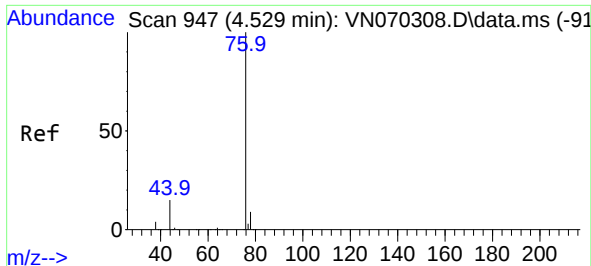
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#16
Acetone
Concen: 95.645 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

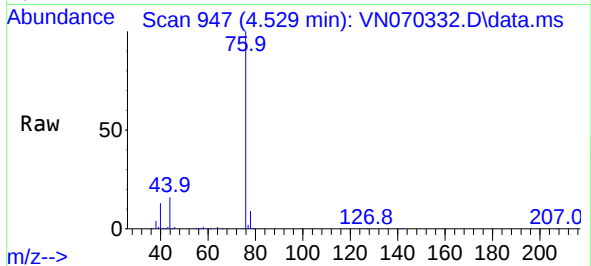
Tgt Ion: 43 Resp: 952966
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7





#17
Carbon Disulfide
Concen: 18.750 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

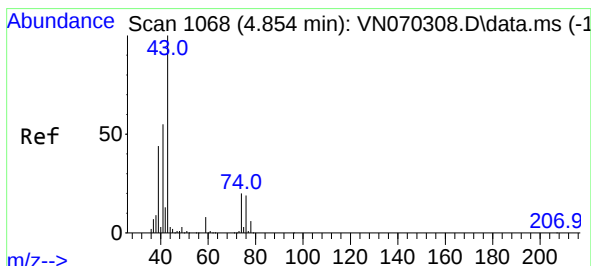
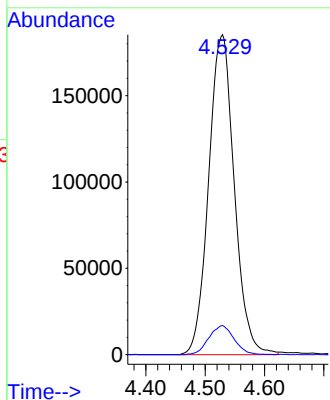
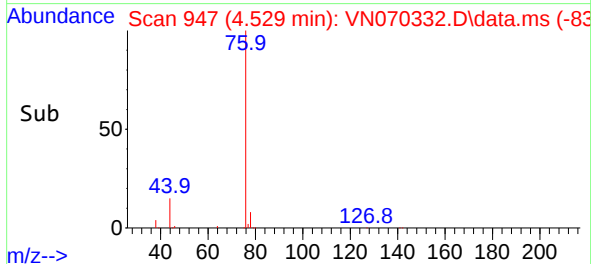
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



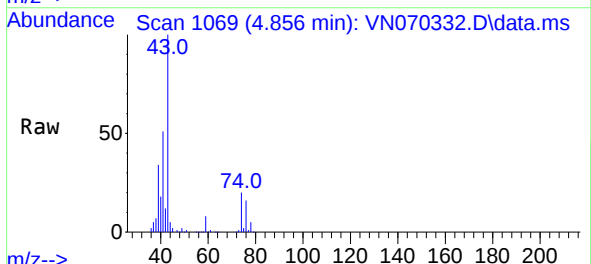
Tgt Ion: 76 Resp: 556430
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
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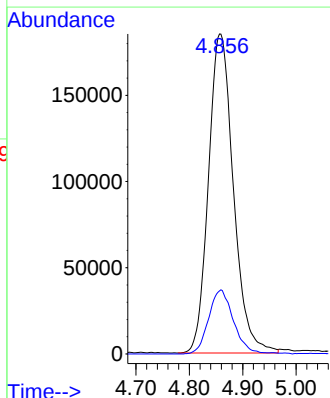
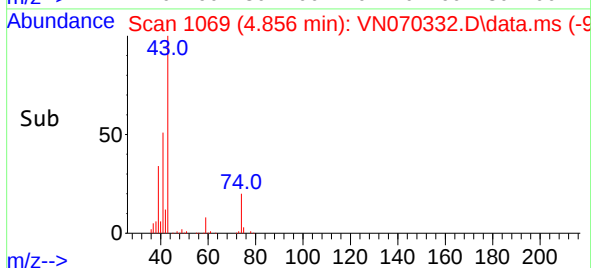
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

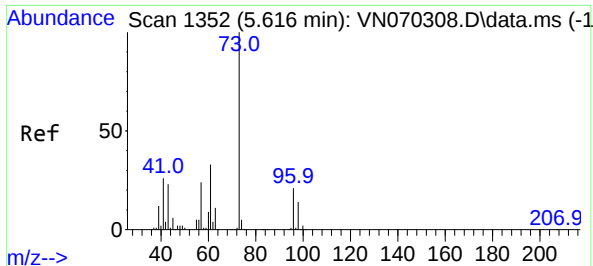


#18
Methyl Acetate
Concen: 20.847 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



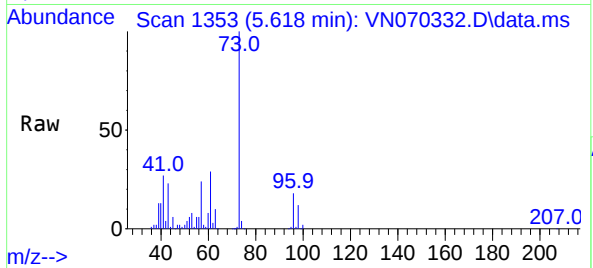
Tgt Ion: 43 Resp: 600850
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.273 ug/l
RT: 5.618 min Scan# 1135
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

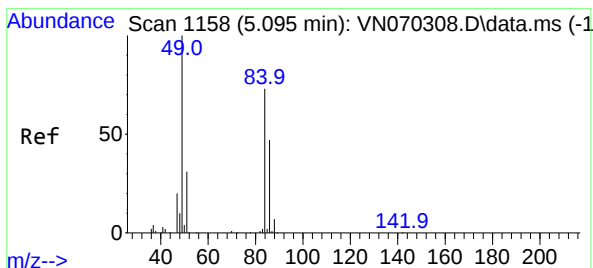
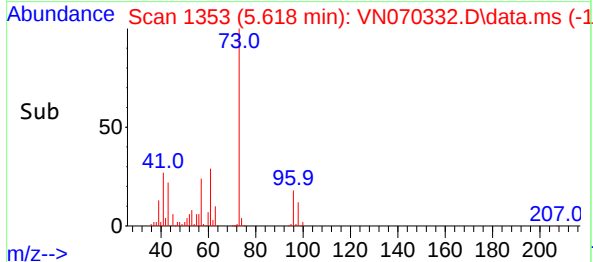
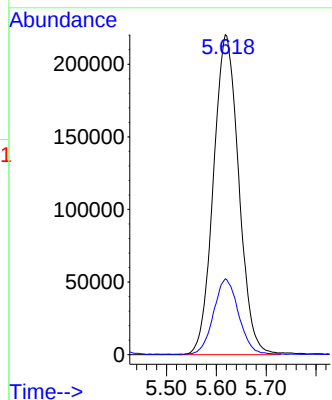
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 73 Resp: 77815
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

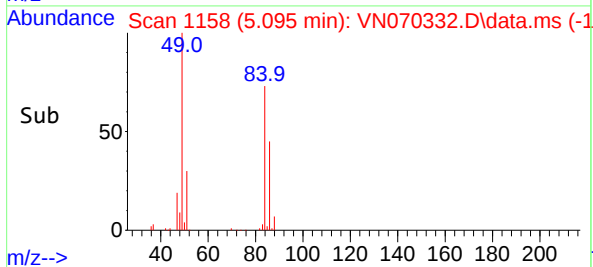
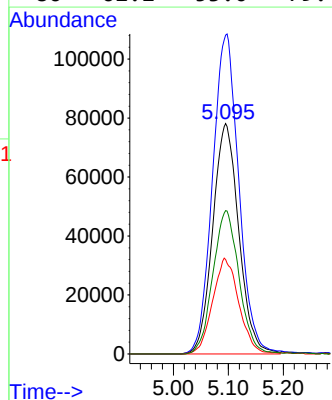
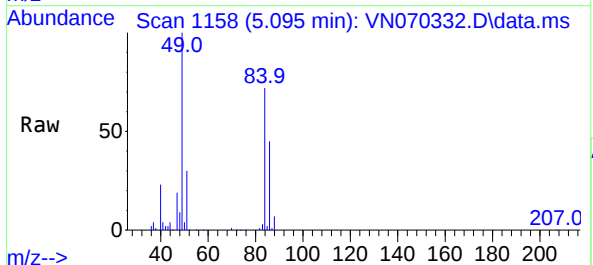
Manual Integrations
APPROVED

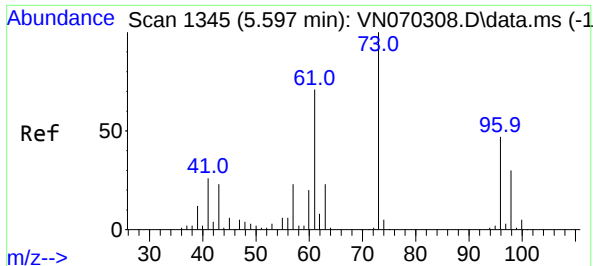
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#20
Methylene Chloride
Concen: 18.662 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

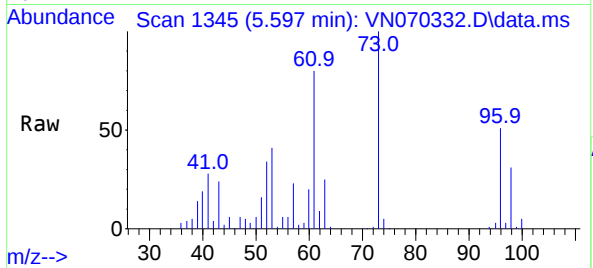
Tgt Ion: 84 Resp: 257259
Ion Ratio Lower Upper
84 100
49 138.5 93.5 140.3
51 41.0 29.4 44.2
86 62.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.012 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

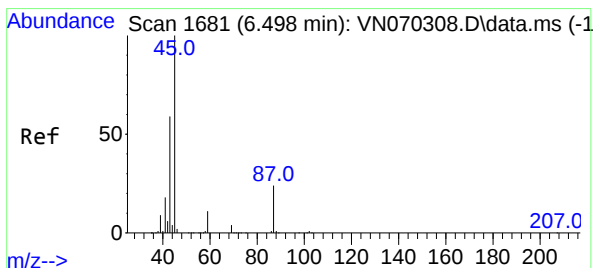
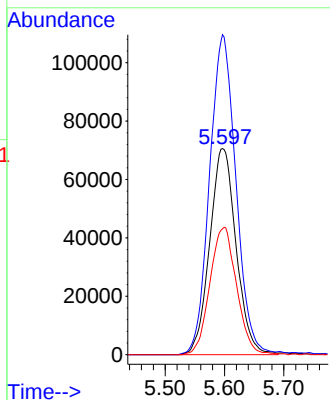
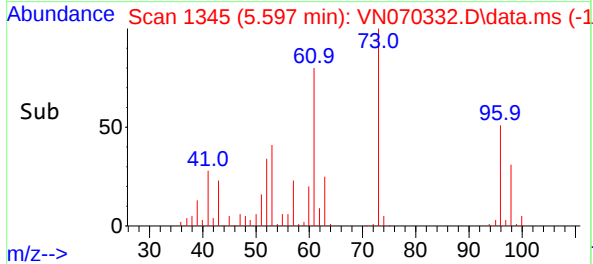
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



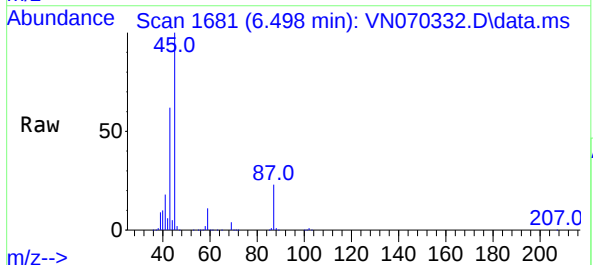
Tgt Ion: 96 Resp: 21885
Ion Ratio Lower Upper
96 100
61 155.3 105.8 158.6
98 61.1 52.0 78.0

Manual Integrations
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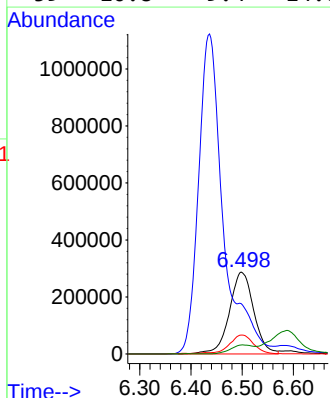
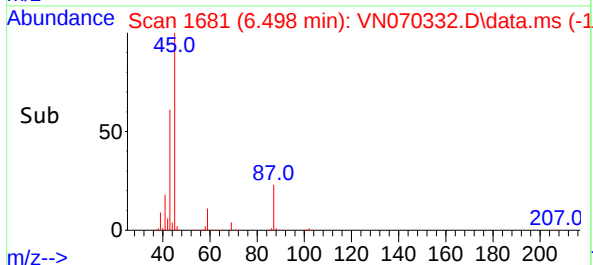
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

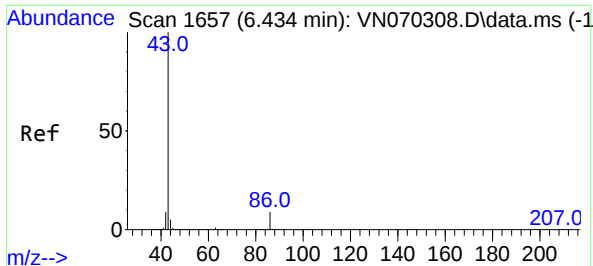


#22
Diisopropyl ether
Concen: 19.769 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



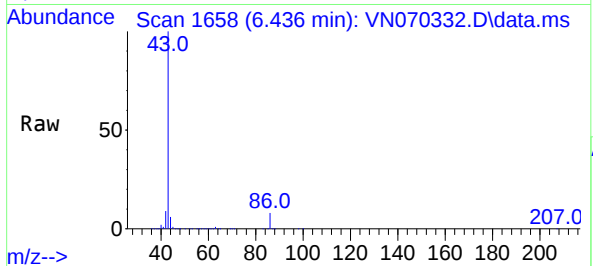
Tgt Ion: 45 Resp: 949125
Ion Ratio Lower Upper
45 100
43 59.8 51.7 77.5
87 22.8 23.2 34.8#
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 90.792 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN070332.D
 Acq: 28 Dec 2021 18:19

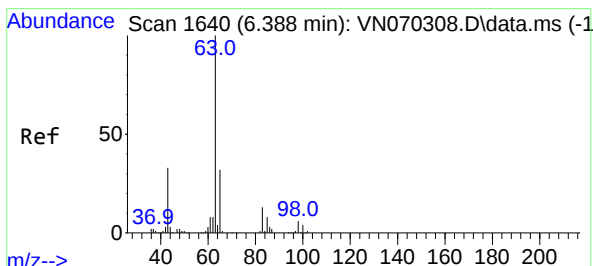
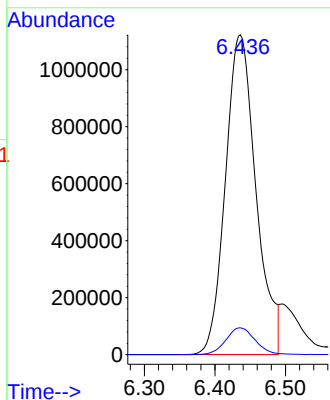
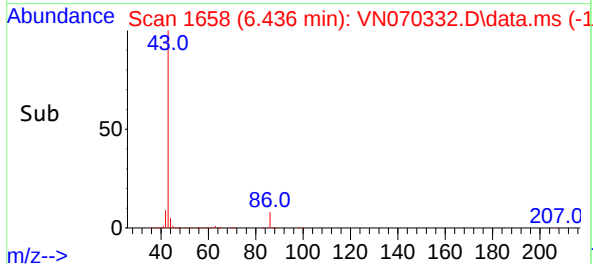
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01



Tgt Ion: 43 Resp: 3381974
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

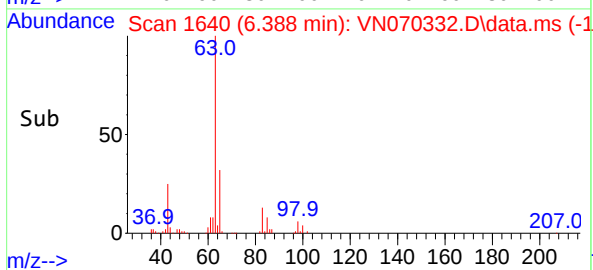
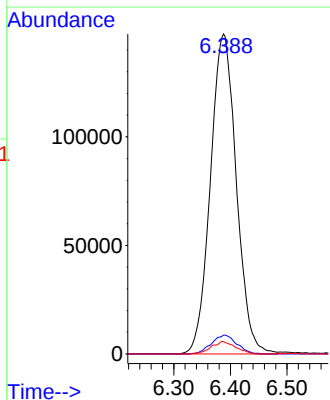
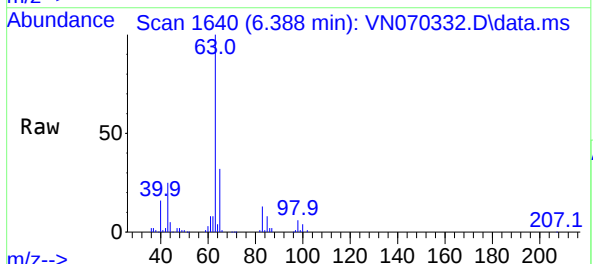
Manual Integrations
 APPROVED

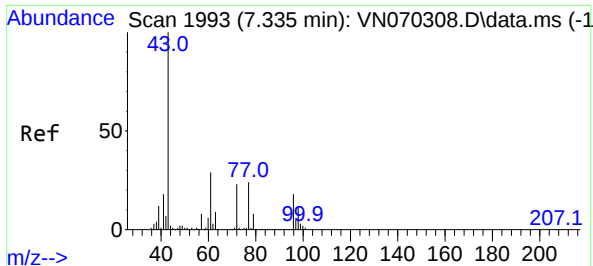
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021



#24
 1,1-Dichloroethane
 Concen: 18.860 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN070332.D
 Acq: 28 Dec 2021 18:19

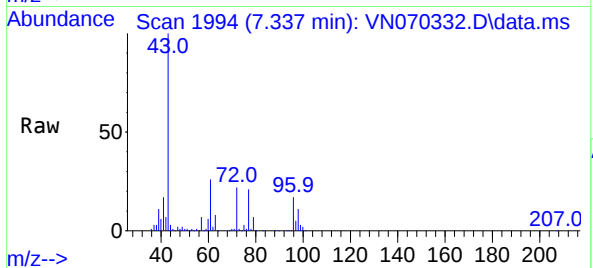
Tgt Ion: 63 Resp: 469514
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 99.968 ug/l
RT: 7.337 min Scan# 1993
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

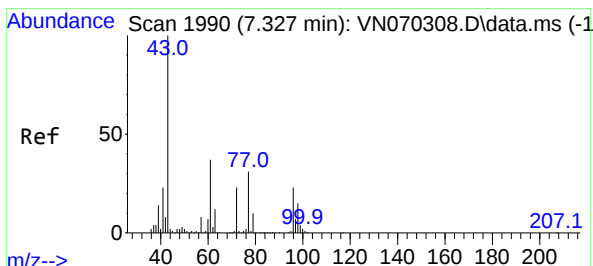
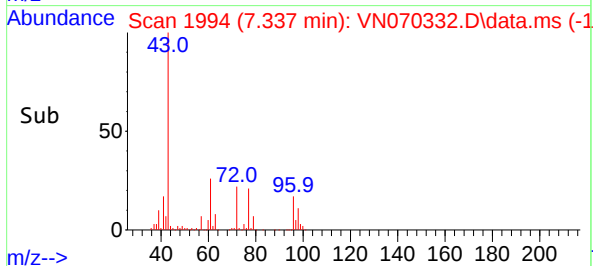
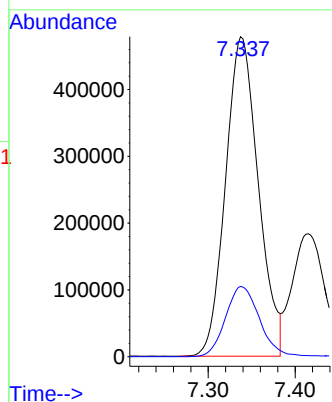
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 43 Resp: 1254129
Ion Ratio Lower Upper
43 100
72 22.0 21.7 32.5

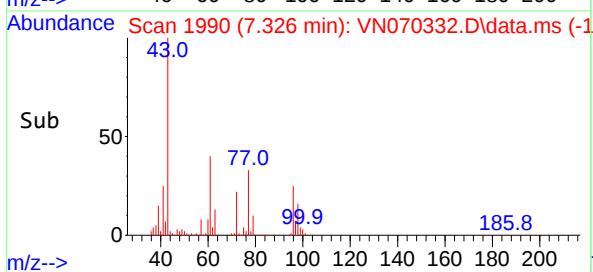
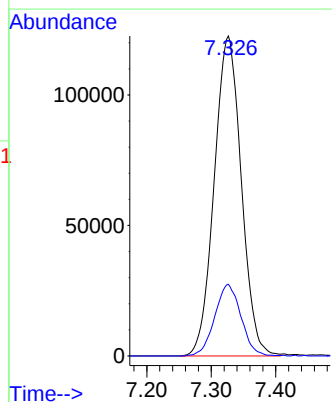
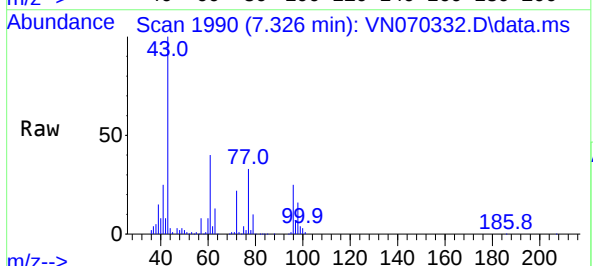
Manual Integrations
APPROVED

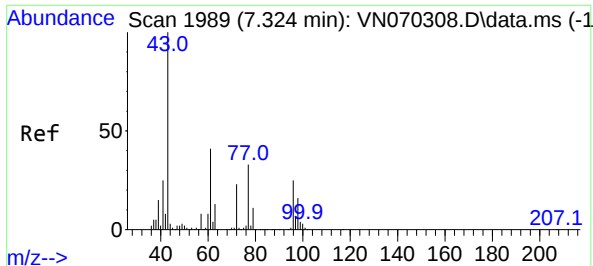
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#26
2,2-Dichloropropane
Concen: 18.202 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.001 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

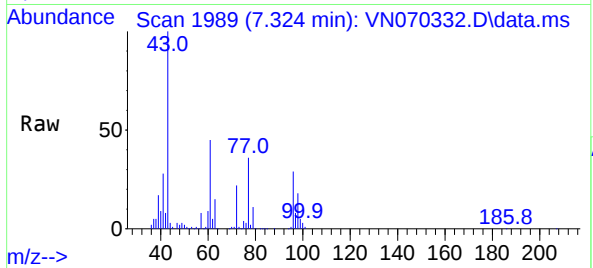
Tgt Ion: 77 Resp: 357458
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.024 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.000 min
 Lab File: VN070332.D
 Acq: 28 Dec 2021 18:19

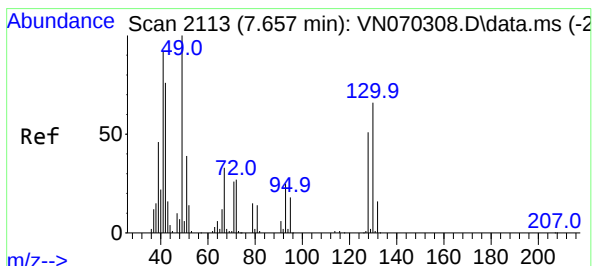
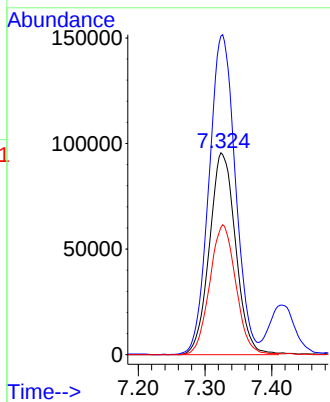
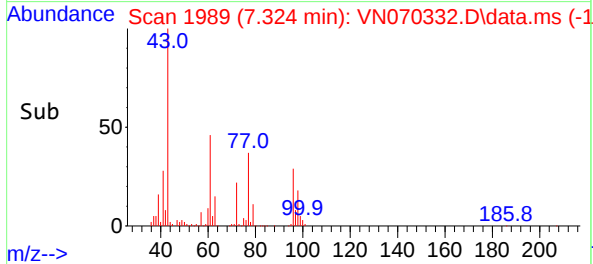
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01



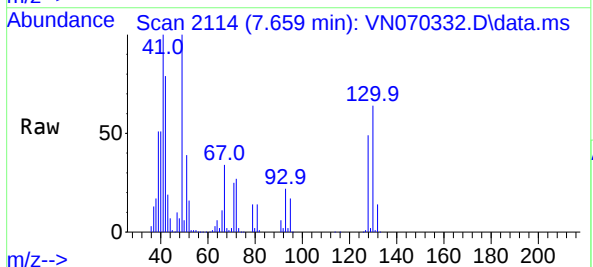
Tgt Ion: 96 Resp: 26130
 Ion Ratio Lower Upper
 96 100
 61 159.5 0.0 275.0
 98 64.1 0.0 129.6

Manual Integrations
 APPROVED

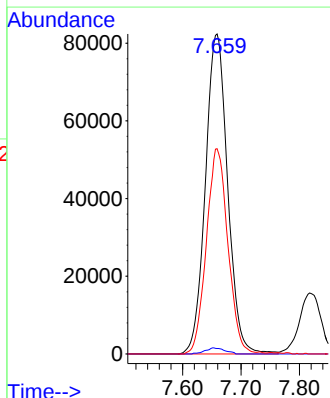
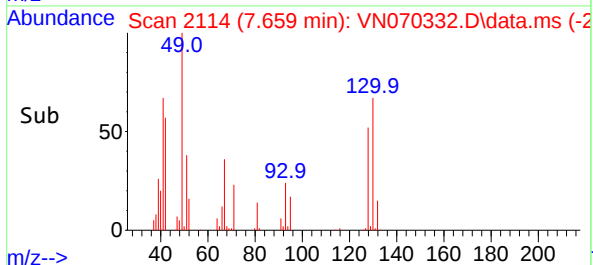
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021

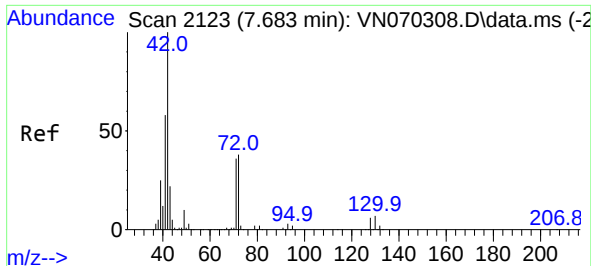


#28
 Bromochloromethane
 Concen: 17.900 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN070332.D
 Acq: 28 Dec 2021 18:19



Tgt Ion: 49 Resp: 217919
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 62.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 109.359 ug/l

RT: 7.688 min Scan# 2123

Delta R.T. 0.005 min

Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 42 Resp: 81855

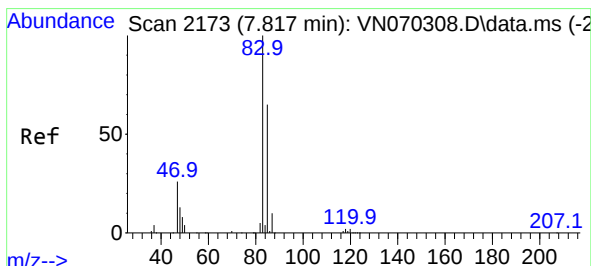
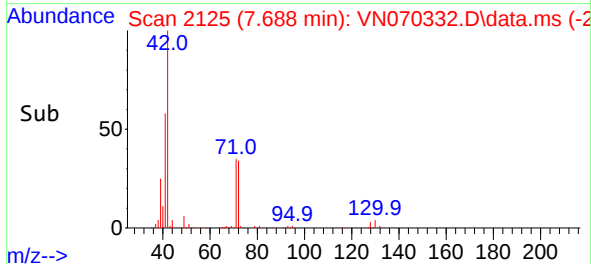
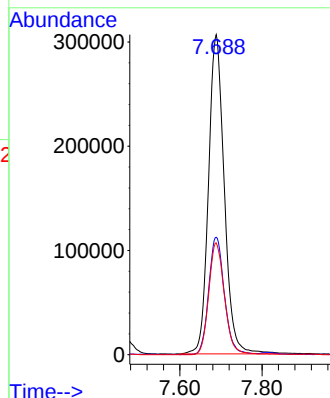
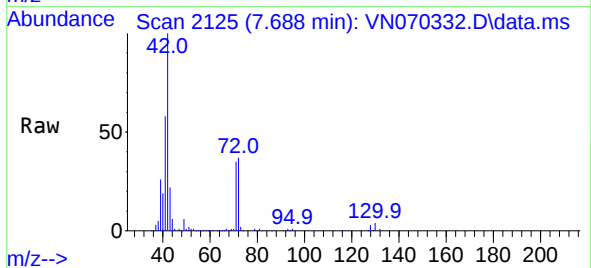
Ion	Ratio	Lower	Upper
42	100		
72	36.4	36.3	54.5
71	34.8	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#30

Chloroform

Concen: 19.074 ug/l

RT: 7.820 min Scan# 2174

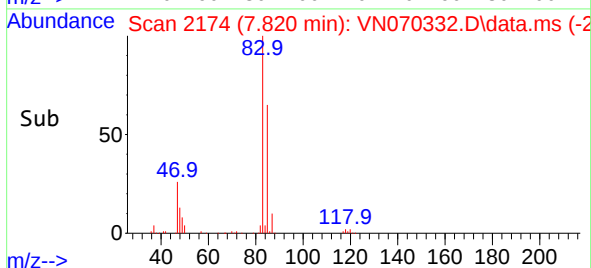
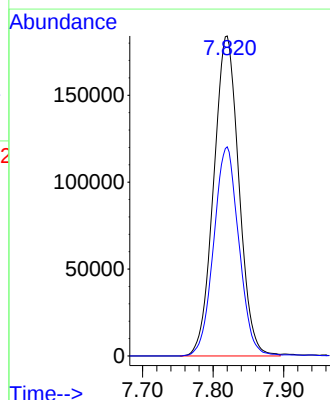
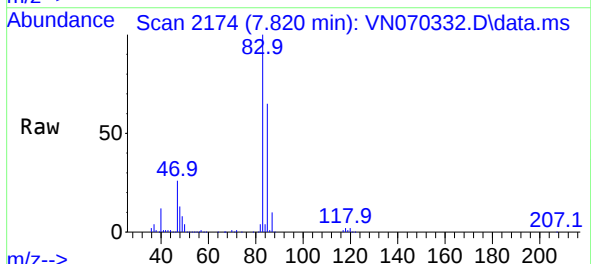
Delta R.T. 0.003 min

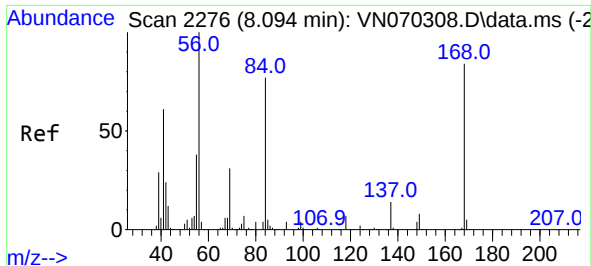
Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

Tgt Ion: 83 Resp: 458074

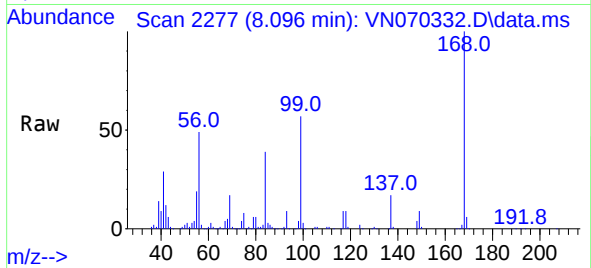
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.9	77.9





#31
Cyclohexane
Concen: 19.107 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

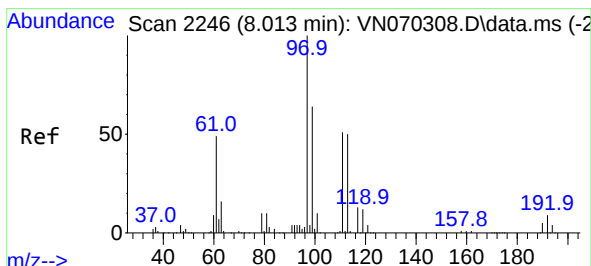
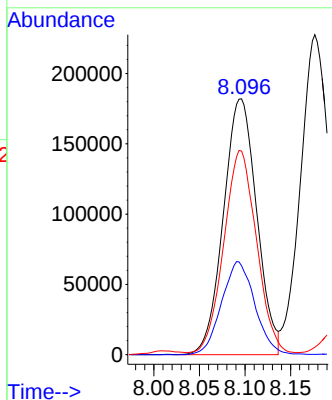
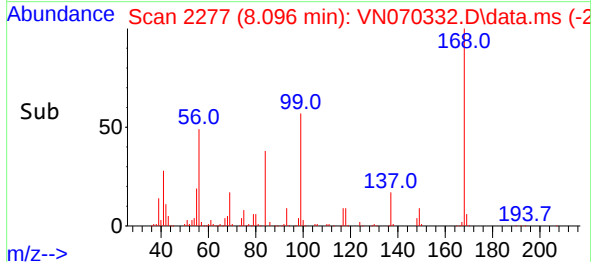
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



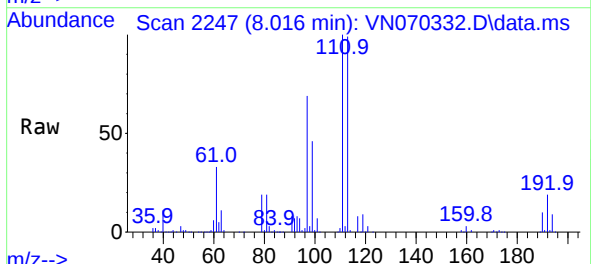
Tgt Ion: 56 Resp: 46277
Ion Ratio Lower Upper
56 100
69 34.8 27.1 40.7
84 78.6 73.4 110.0

Manual Integrations
APPROVED

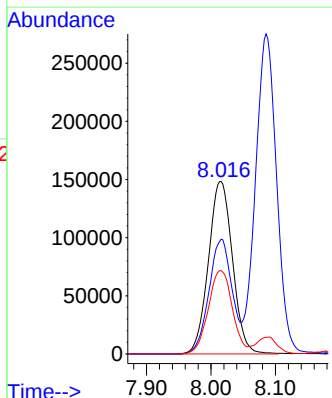
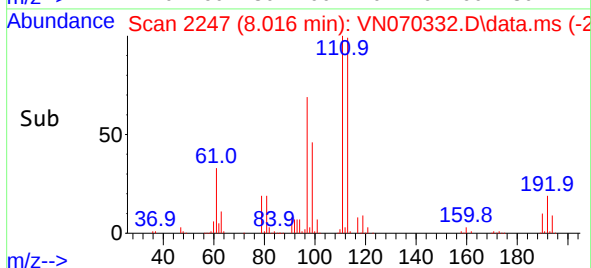
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

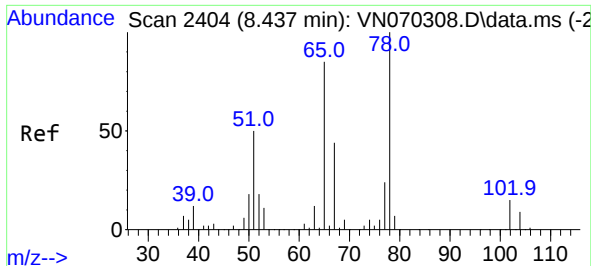


#32
1,1,1-Trichloroethane
Concen: 19.018 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion: 97 Resp: 385112
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 48.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.687 ug/l

RT: 8.439 min Scan# 2404

Delta R.T. 0.002 min

Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 65 Resp: 777969

Ion Ratio Lower Upper

65 100

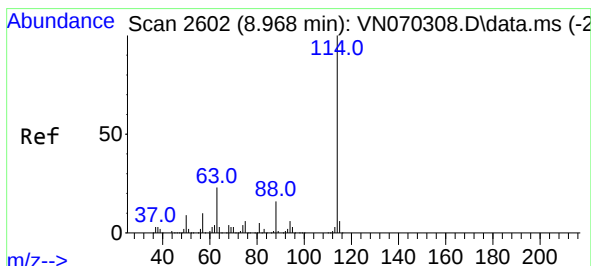
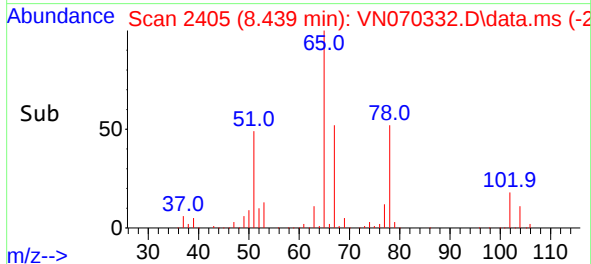
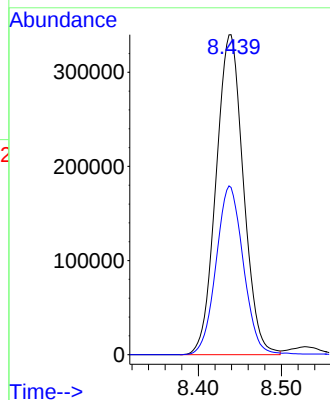
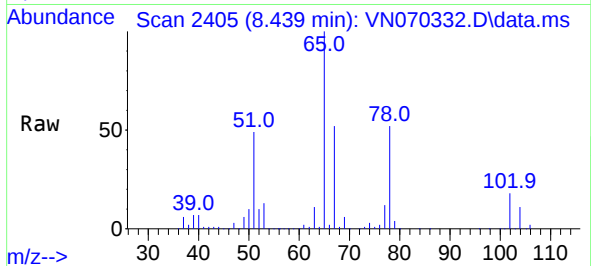
67 52.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

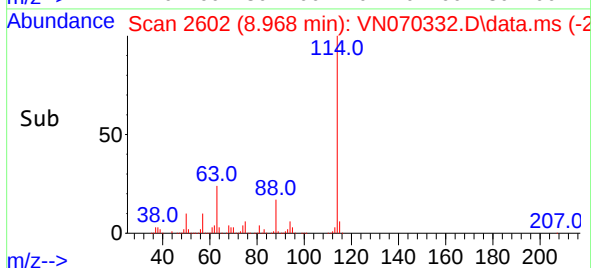
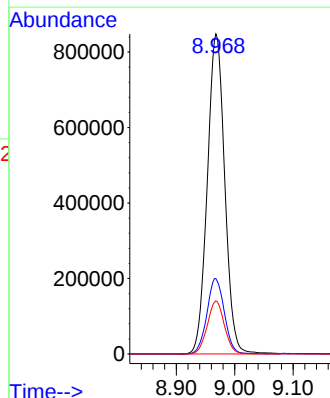
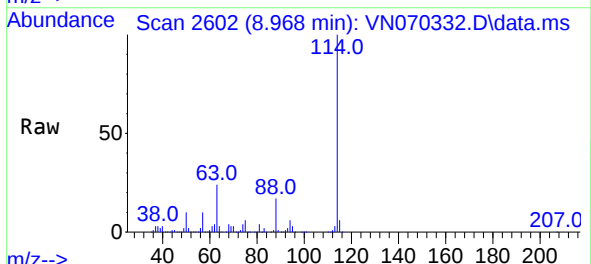
Tgt Ion:114 Resp: 1760550

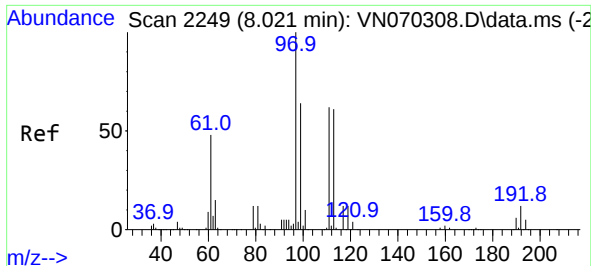
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

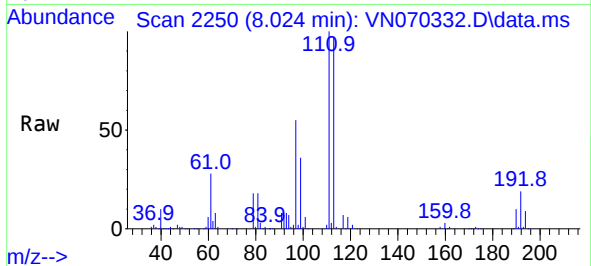
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.550 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

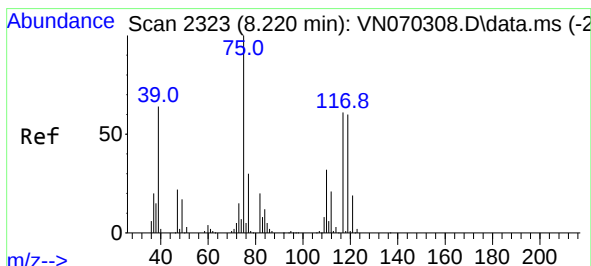
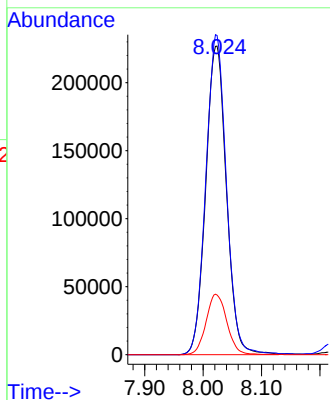
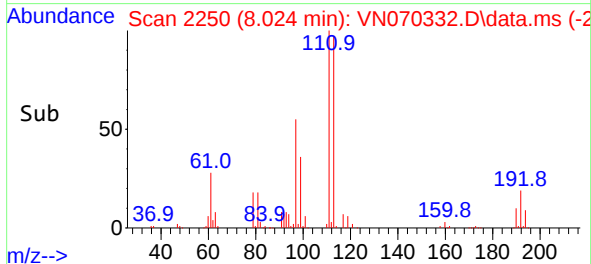
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



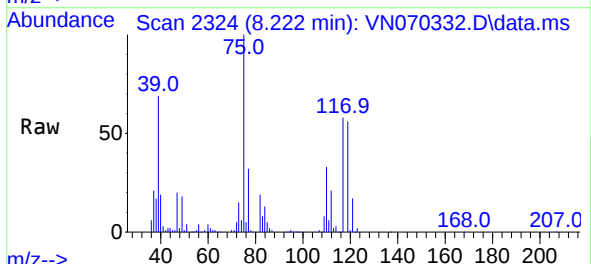
Tgt Ion: 113 Resp: 55977
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.6 16.9 25.3

Manual Integrations
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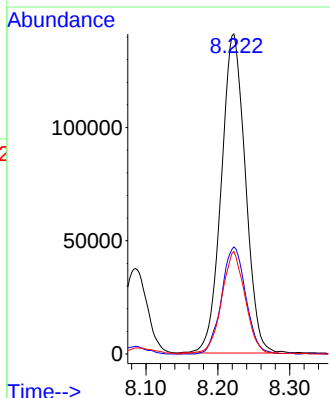
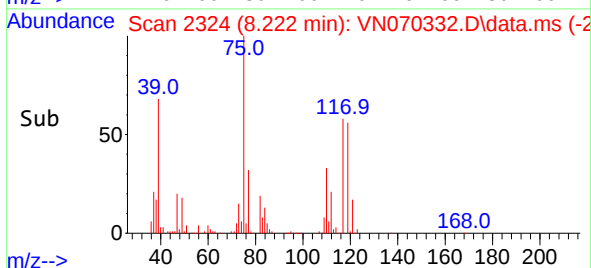
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

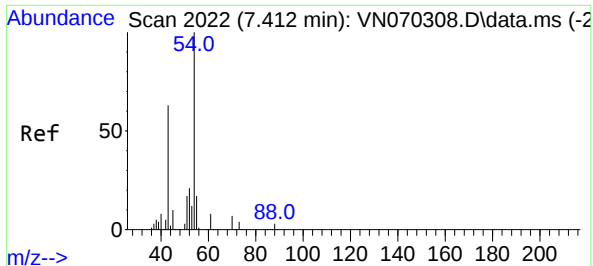


#36
1,1-Dichloropropene
Concen: 18.551 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion: 75 Resp: 326905
Ion Ratio Lower Upper
75 100
110 33.9 18.4 55.2
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 21.419 ug/l

RT: 7.415 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 43 Resp: 489234

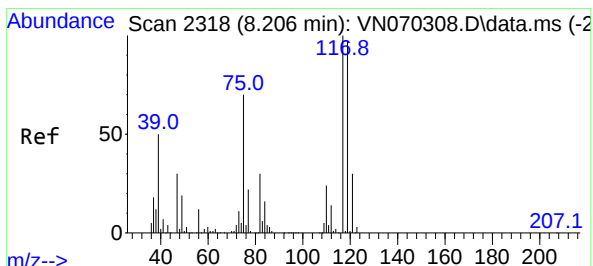
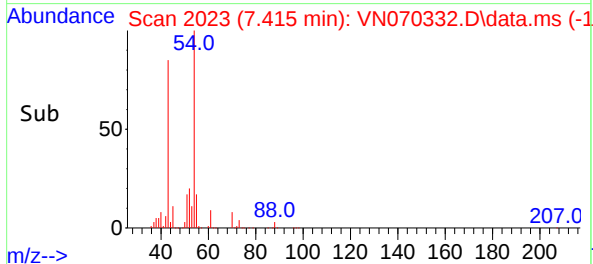
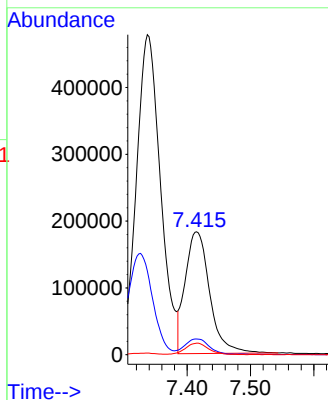
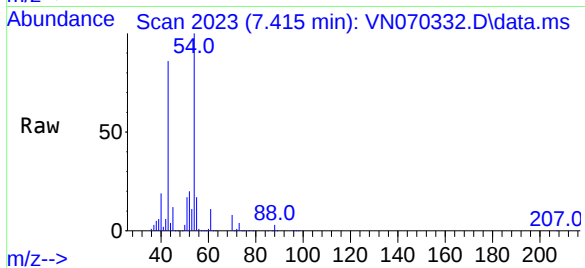
Ion	Ratio	Lower	Upper
43	100		
61	12.2	11.5	17.3
70	9.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#38

Carbon Tetrachloride

Concen: 19.267 ug/l

RT: 8.206 min Scan# 2318

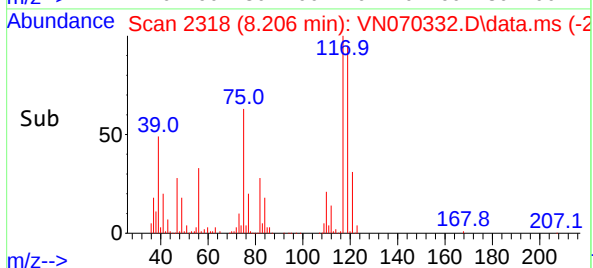
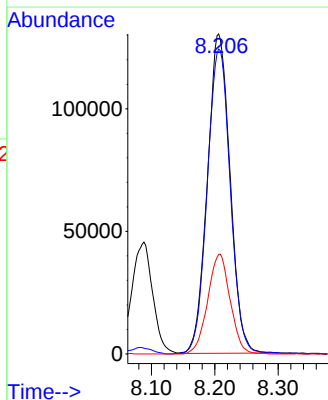
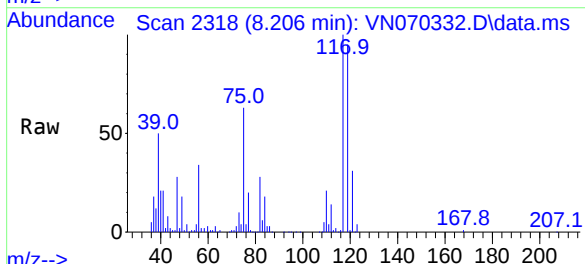
Delta R.T. 0.000 min

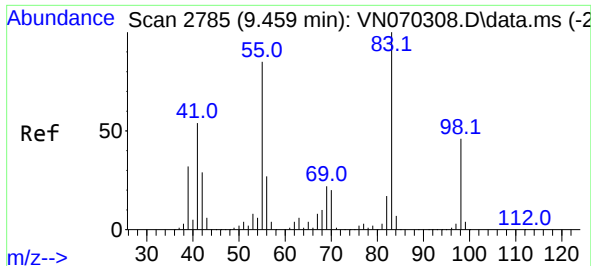
Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

Tgt Ion:117 Resp: 324193

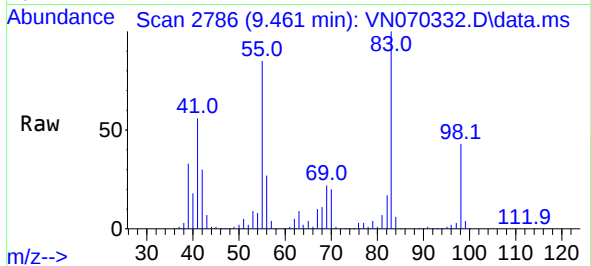
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
121	31.2	24.2	36.2





#39
Methylcyclohexane
Concen: 18.215 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

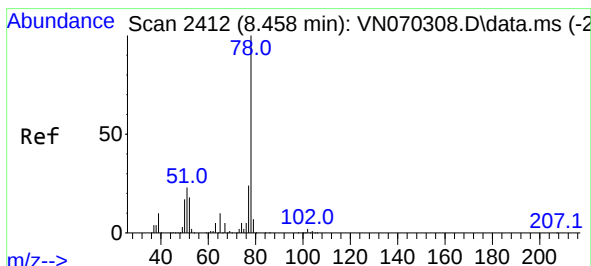
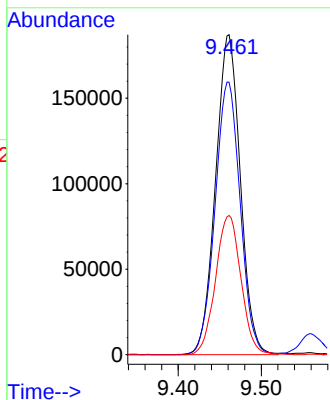
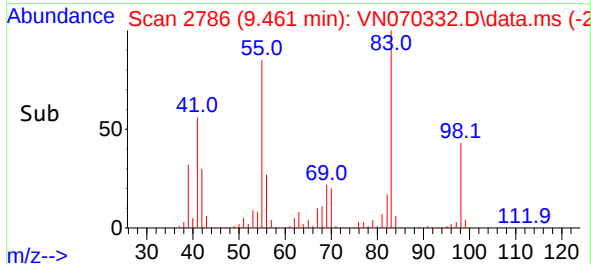
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



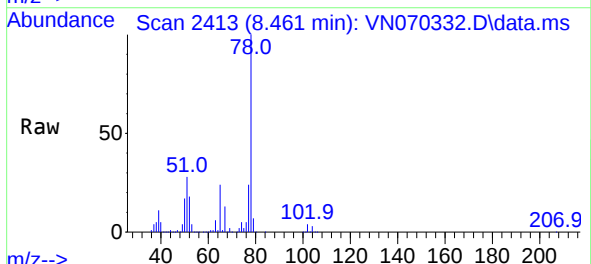
Tgt Ion: 83 Resp: 388589
Ion Ratio Lower Upper
83 100
55 85.1 58.1 87.1
98 43.5 38.4 57.6

Manual Integrations
APPROVED

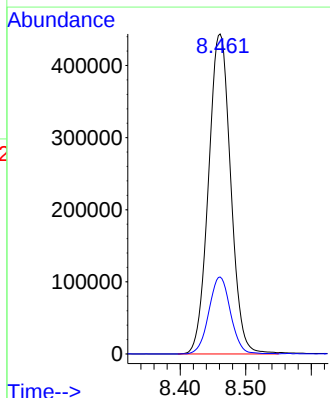
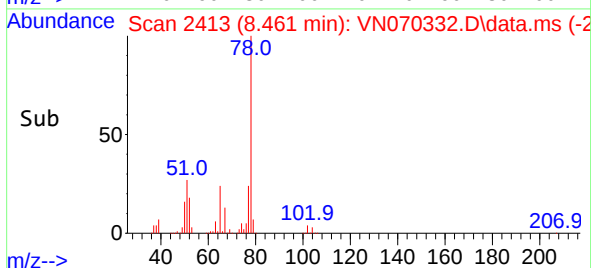
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

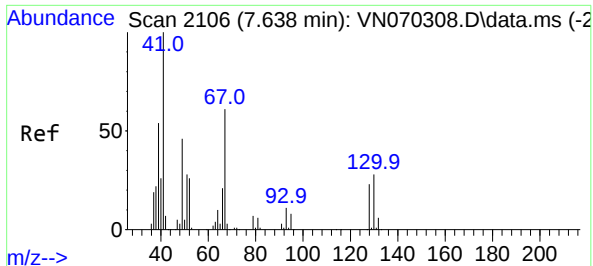


#40
Benzene
Concen: 19.299 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



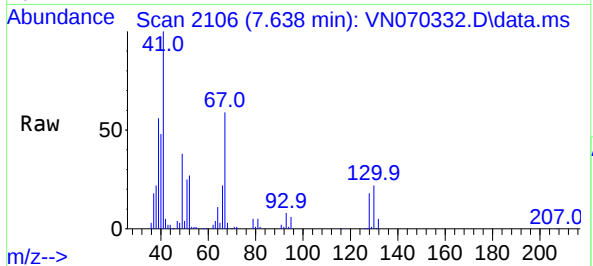
Tgt Ion: 78 Resp: 1042582
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 21.290 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

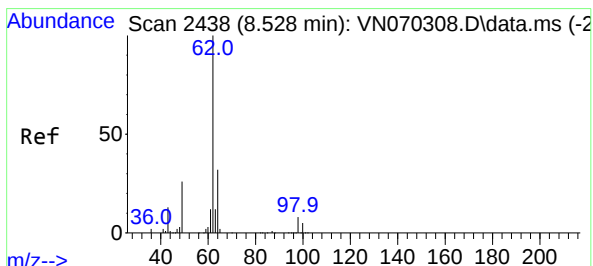
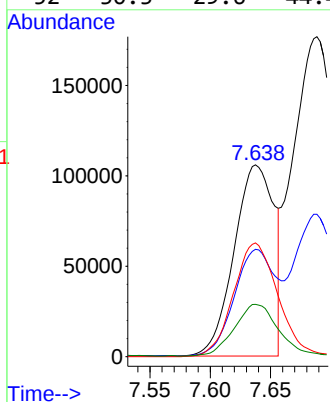
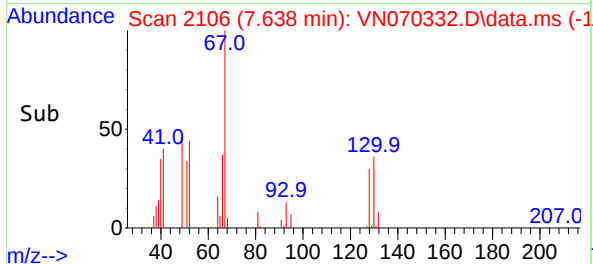
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 41 Resp: 24323
Ion Ratio Lower Upper
41 100
39 57.8 48.1 72.1
67 67.1 68.3 102.5
52 30.3 29.6 44.4

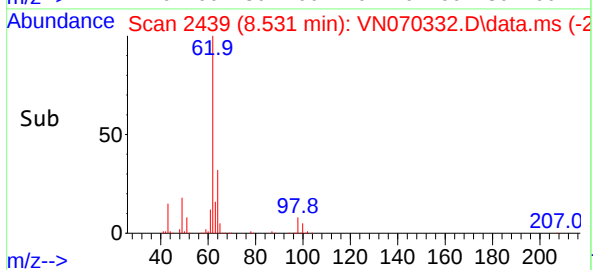
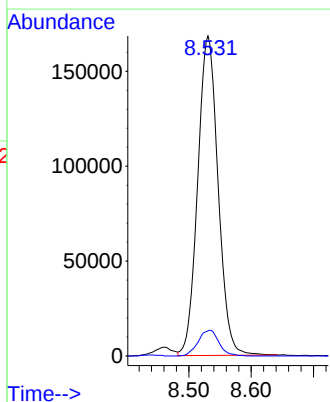
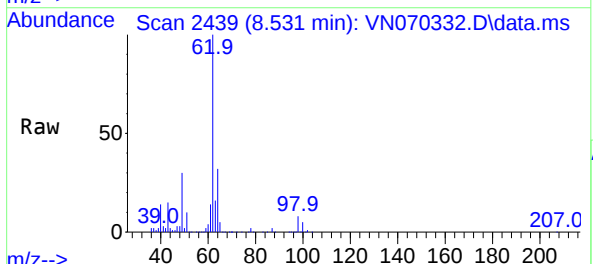
Manual Integrations
APPROVED

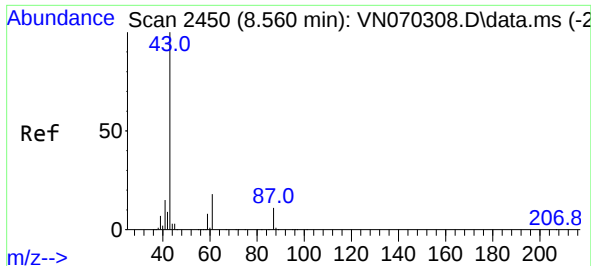
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#42
1,2-Dichloroethane
Concen: 18.860 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

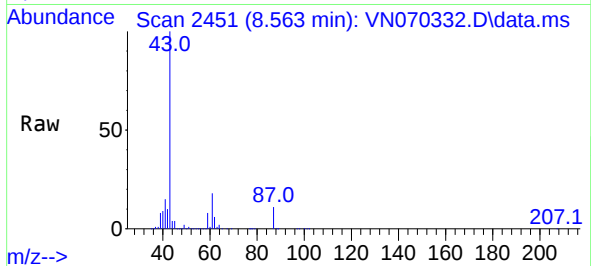
Tgt Ion: 62 Resp: 382981
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.324 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

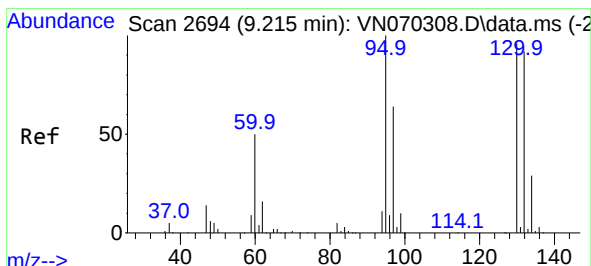
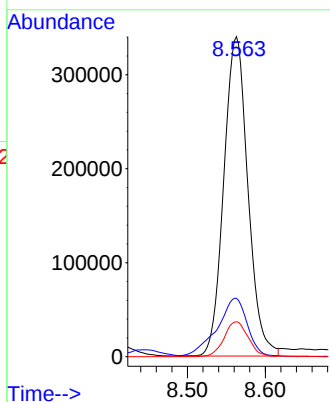
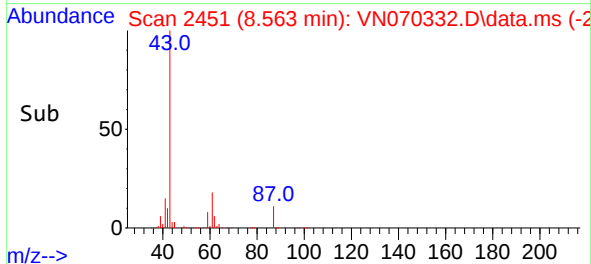
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 43 Resp: 731914
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 11.0 11.2 16.8

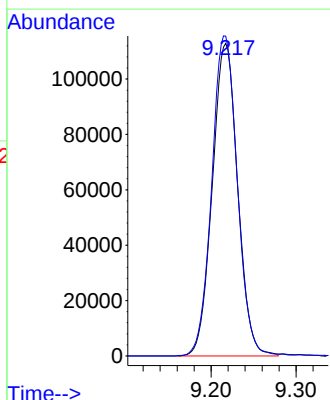
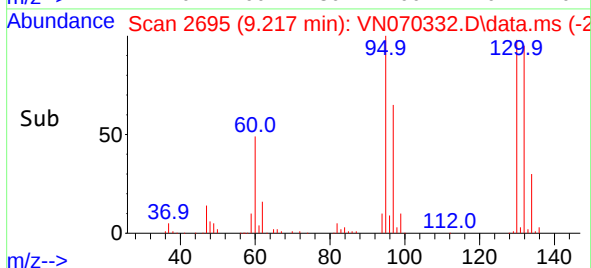
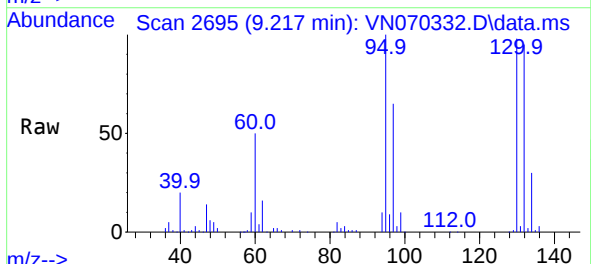
Manual Integrations
APPROVED

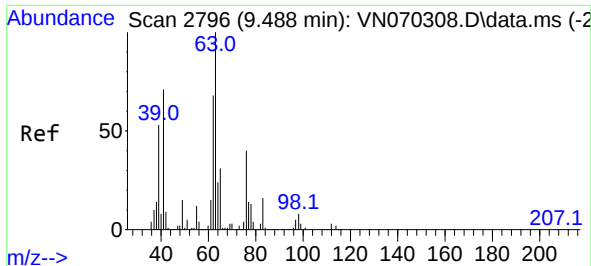
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#44
Trichloroethene
Concen: 18.244 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Tgt Ion:130 Resp: 234192
Ion Ratio Lower Upper
130 100
95 102.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.711 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 63 Resp: 28670

Ion Ratio Lower Upper

63 100

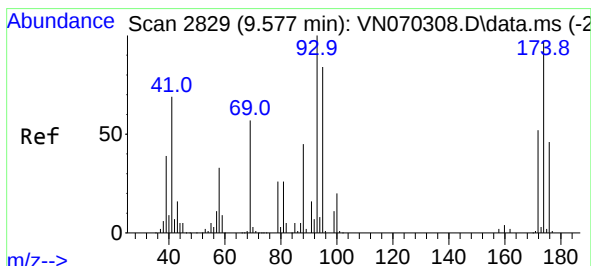
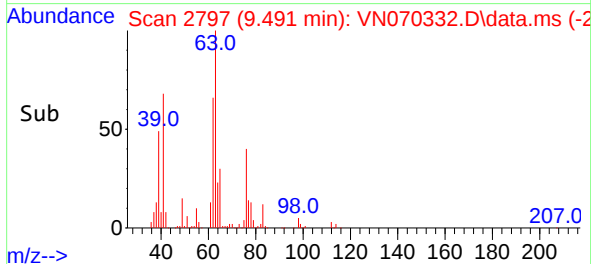
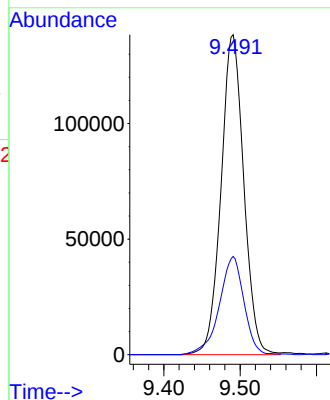
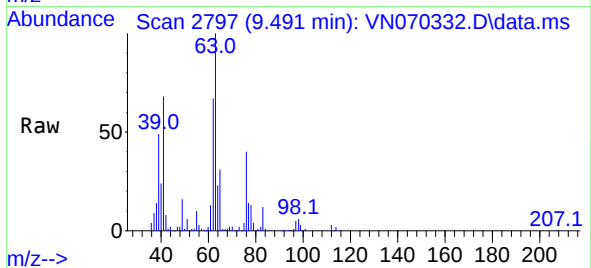
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#46

Dibromomethane

Concen: 19.491 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

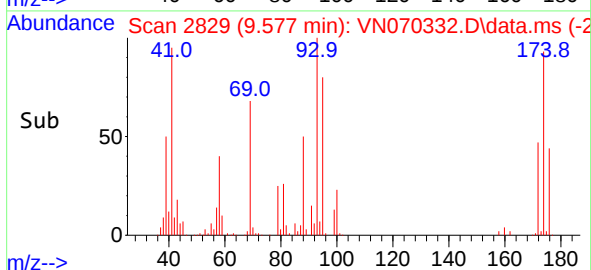
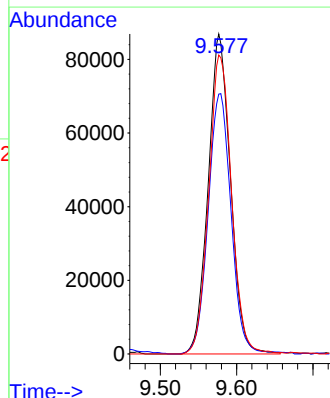
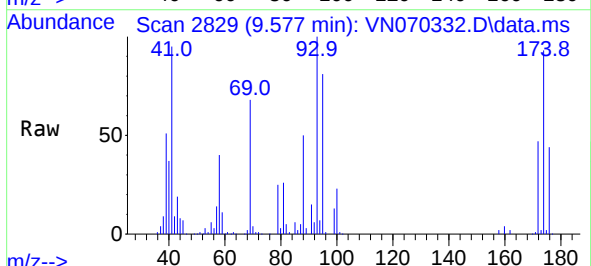
Tgt Ion: 93 Resp: 176294

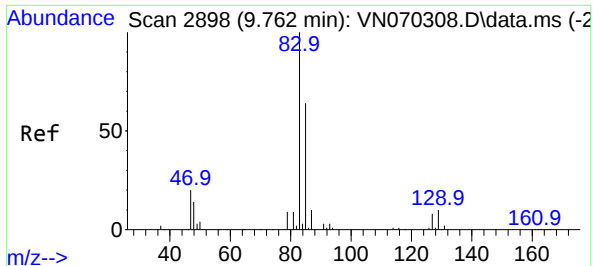
Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

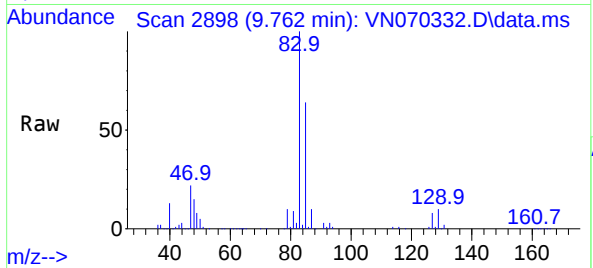
174 95.8 84.6 127.0





#47
Bromodichloromethane
Concen: 19.955 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

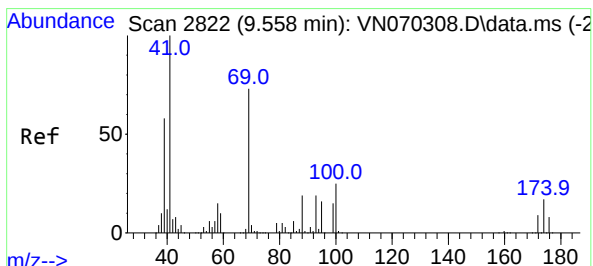
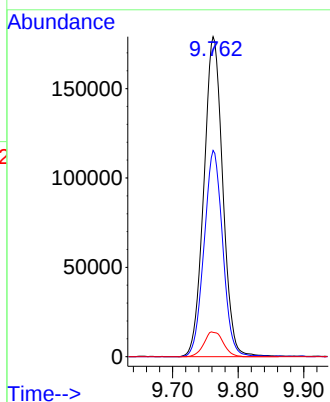
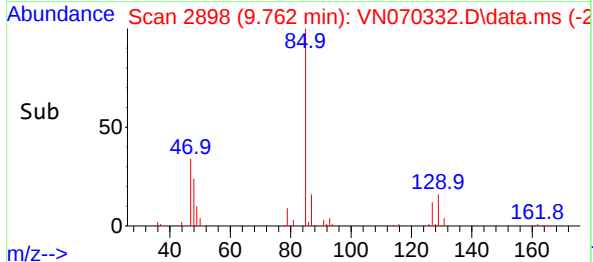
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



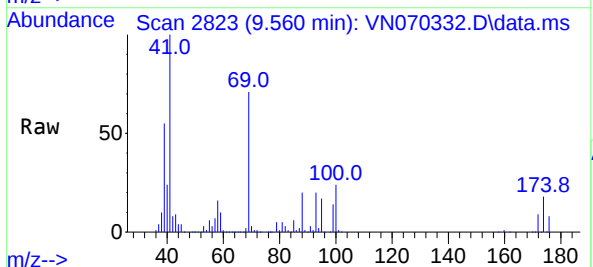
Tgt Ion: 83 Resp: 358375
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 7.6 7.1 10.7

Manual Integrations
APPROVED

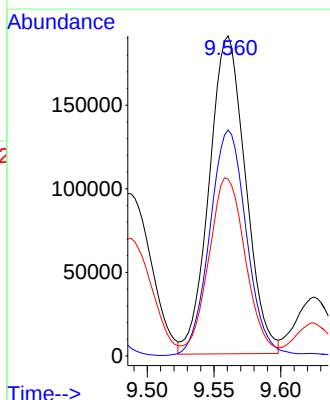
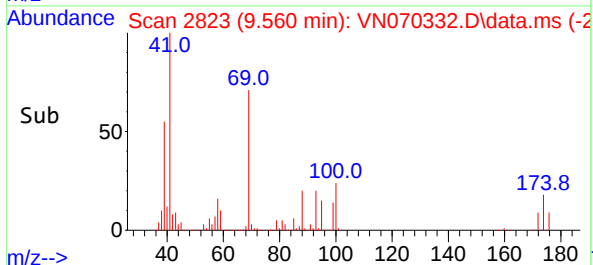
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

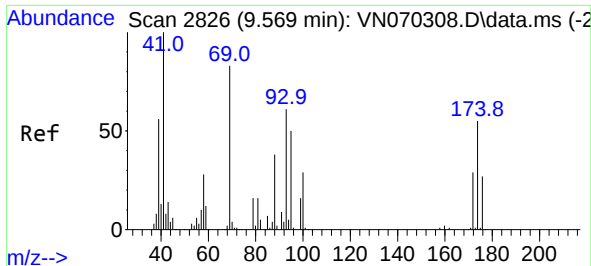


#48
Methyl methacrylate
Concen: 20.989 ug/l
RT: 9.560 min Scan# 2823
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



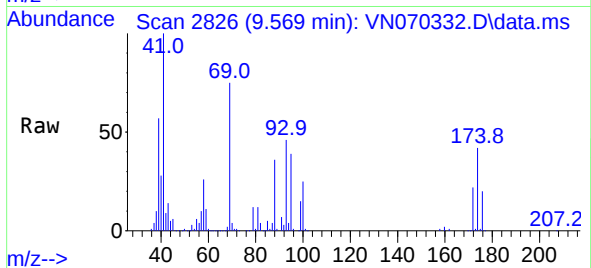
Tgt Ion: 41 Resp: 360528
Ion Ratio Lower Upper
41 100
69 71.8 72.4 108.6#
39 56.3 58.4 87.6#





#49
1,4-Dioxane
Concen: 425.304 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

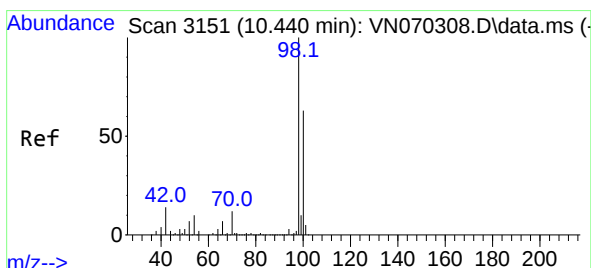
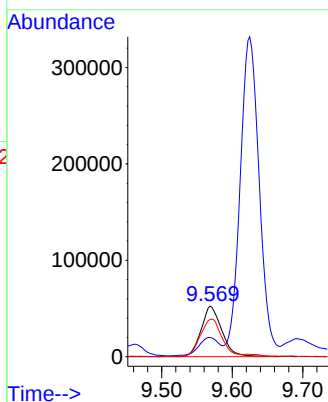
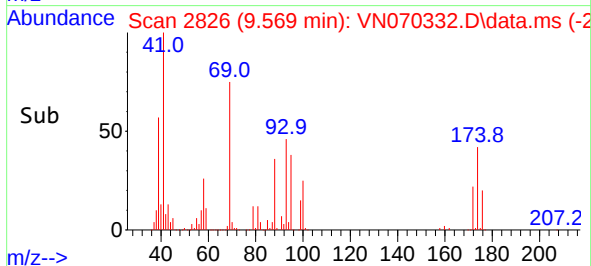
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 88 Resp: 10694
Ion Ratio Lower Upper
88 100
43 36.1 23.4 35.2
58 76.4 50.6 75.8

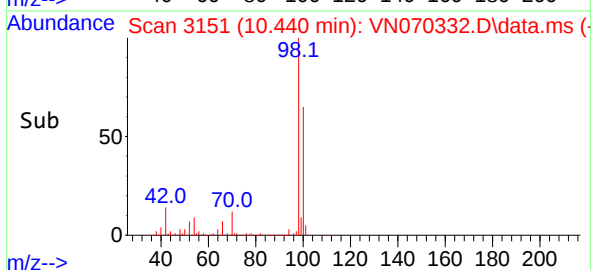
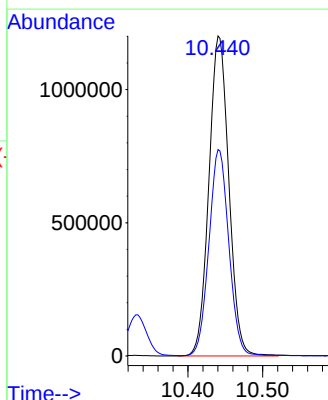
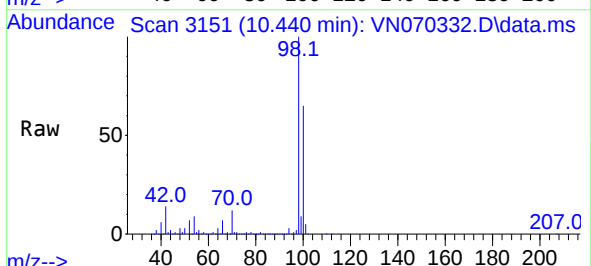
Manual Integrations
APPROVED

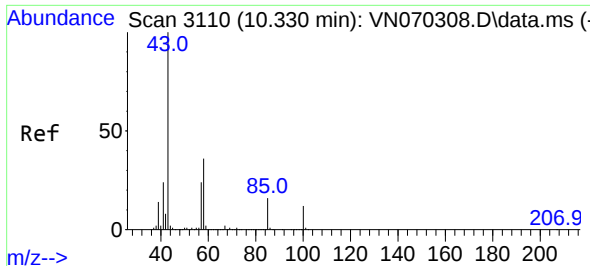
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#50
Toluene-d8
Concen: 51.140 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

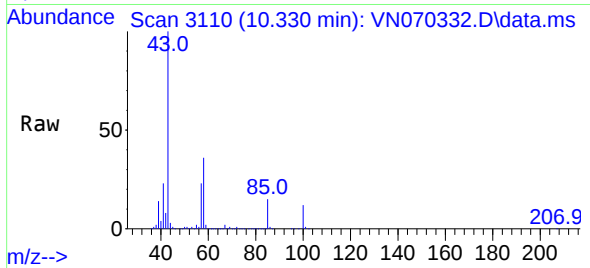
Tgt Ion: 98 Resp: 2225360
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 106.682 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

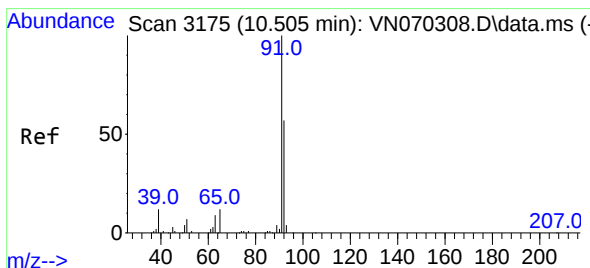
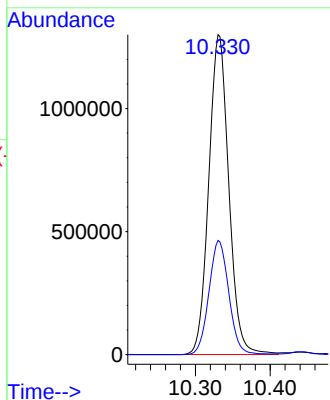
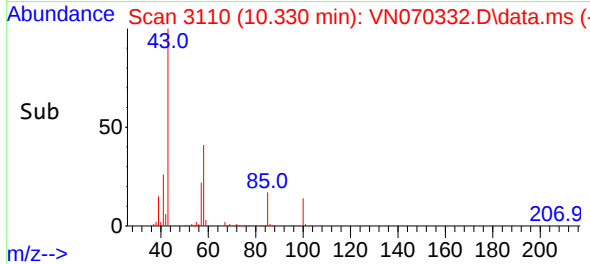
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



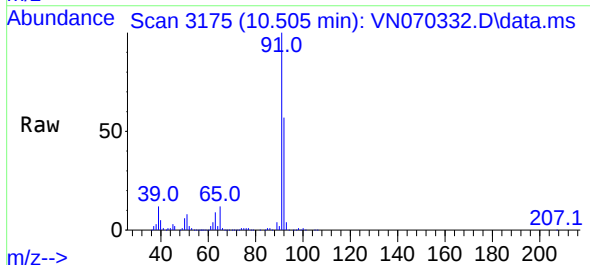
Tgt Ion: 43 Resp: 241406
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

Manual Integrations
APPROVED

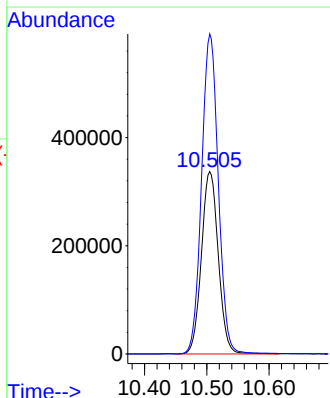
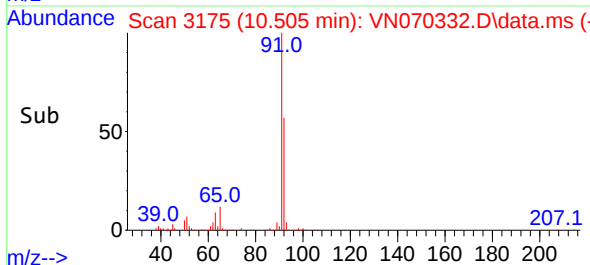
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

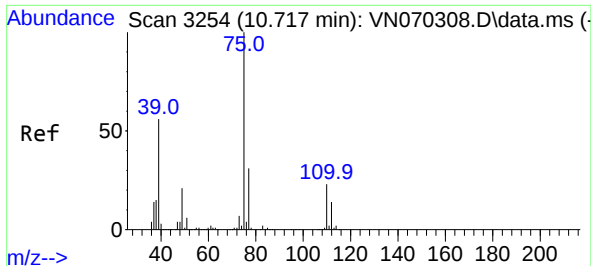


#52
Toluene
Concen: 19.378 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion: 92 Resp: 633677
Ion Ratio Lower Upper
92 100
91 173.8 142.0 213.0





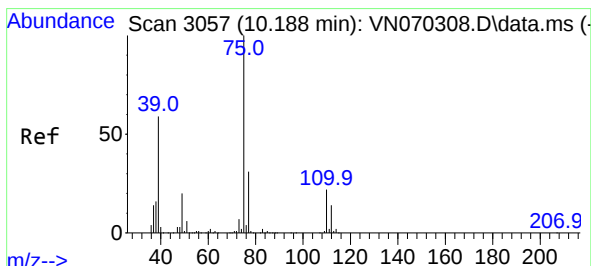
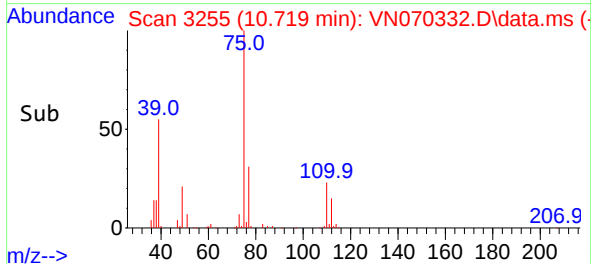
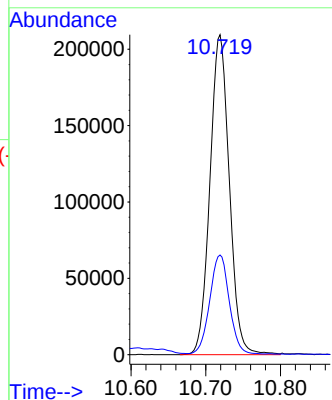
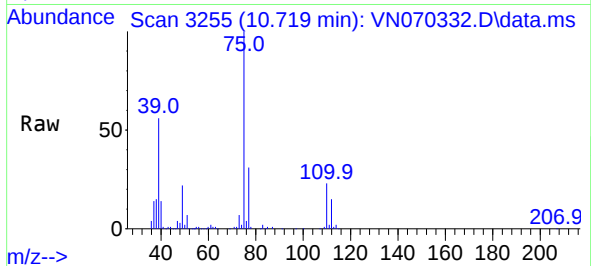
#53
t-1,3-Dichloropropene
Concen: 19.424 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 75 Resp: 37765
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

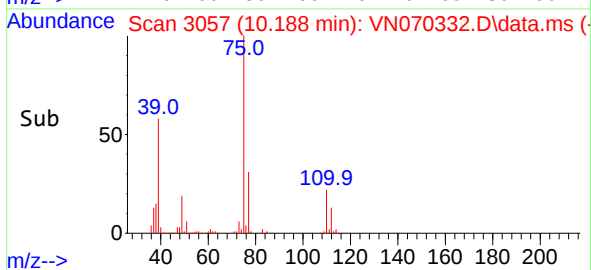
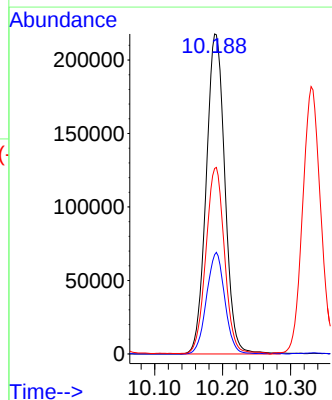
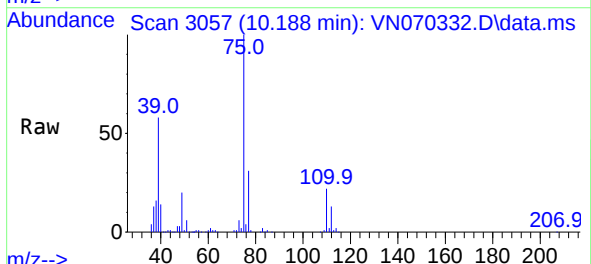
Manual Integrations
APPROVED

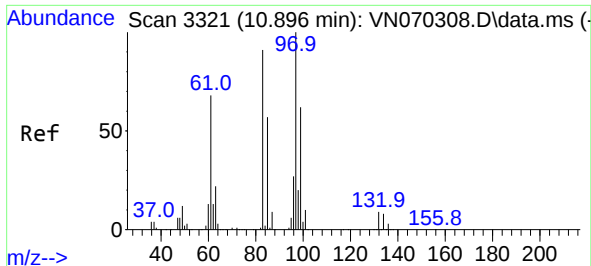
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#54
cis-1,3-Dichloropropene
Concen: 19.802 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Tgt Ion: 75 Resp: 416485
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 57.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.224 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

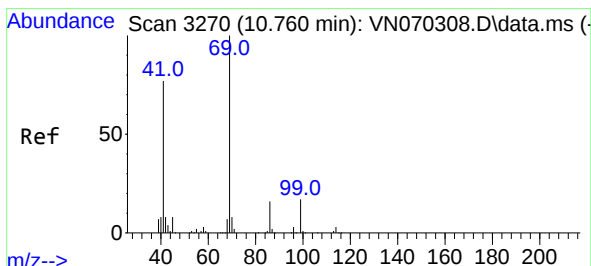
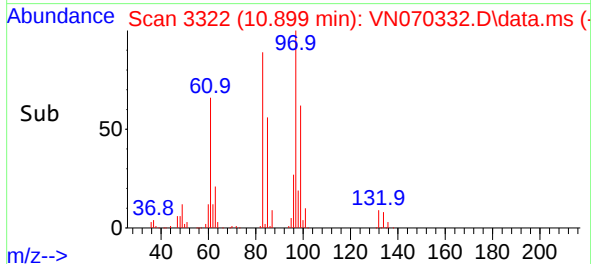
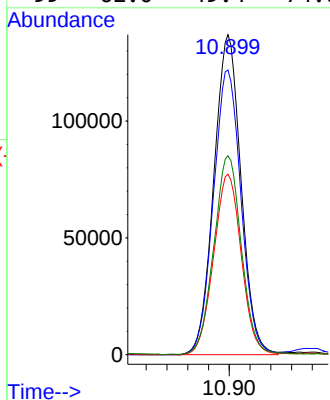
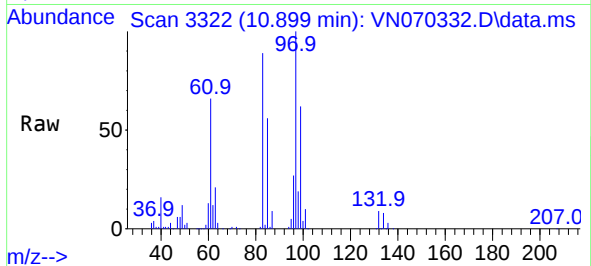
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 97 Resp: 24872

Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.8	101.6
85	56.4	45.4	68.2
99	62.0	49.4	74.0

Manual Integrations
APPROVED

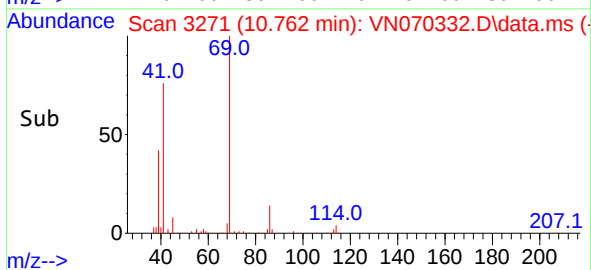
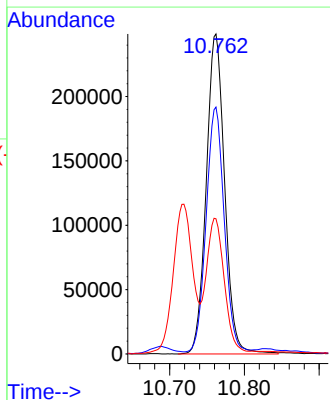
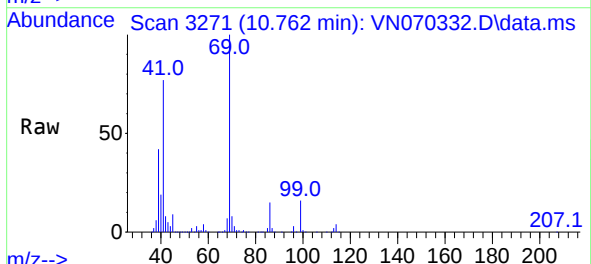
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

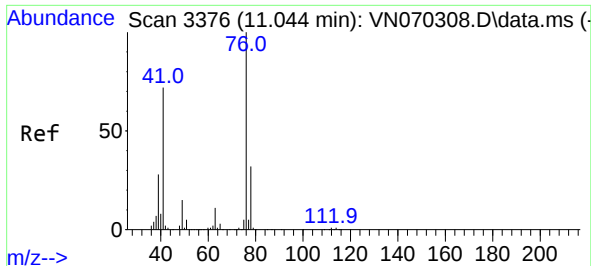


#56
Ethyl methacrylate
Concen: 19.904 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Tgt Ion: 69 Resp: 425515

Ion	Ratio	Lower	Upper
69	100		
41	75.0	51.4	77.0
39	40.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.466 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070332.D

Acq: 28 Dec 2021 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBS01

Tgt Ion: 76 Resp: 44547

Ion Ratio Lower Upper

76 100

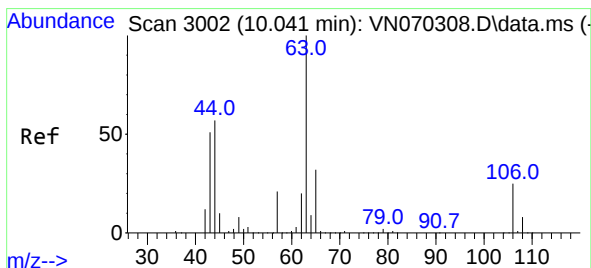
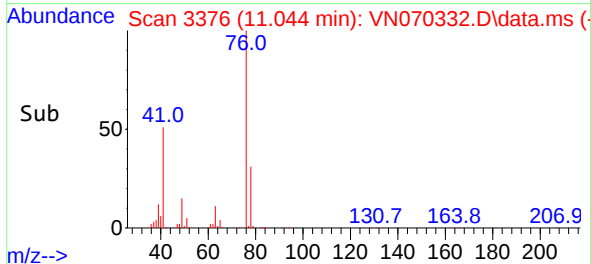
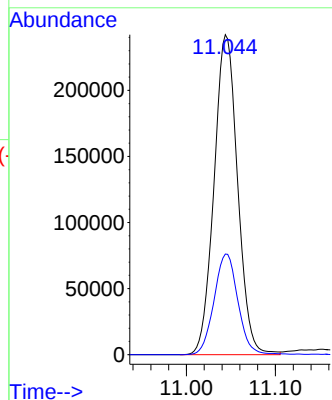
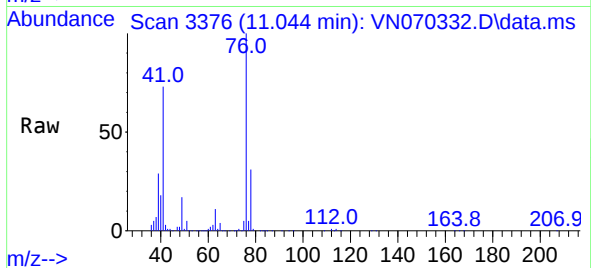
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 124.733 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070332.D

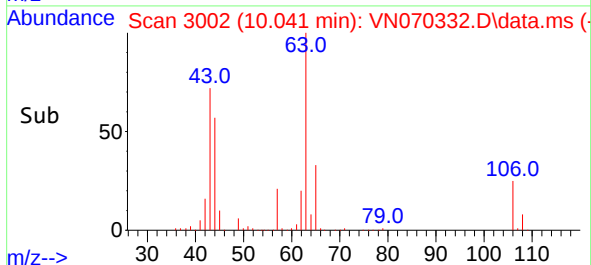
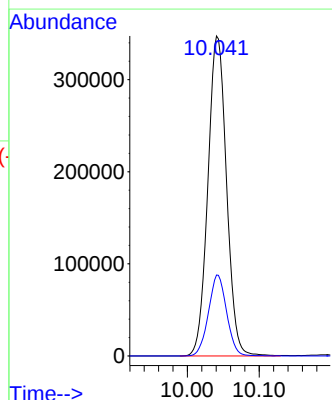
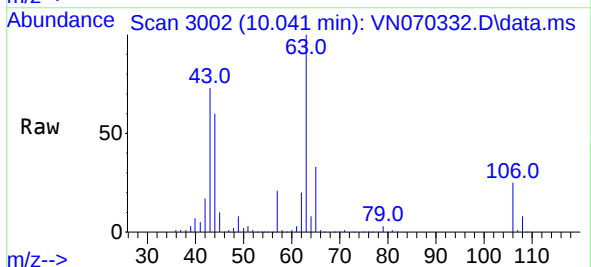
Acq: 28 Dec 2021 18:19

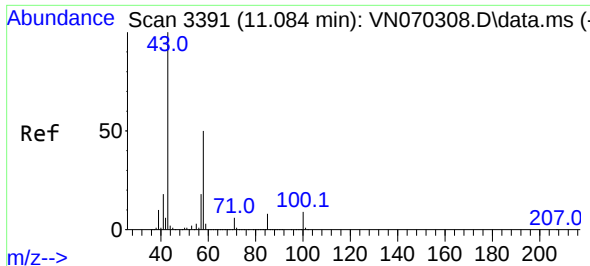
Tgt Ion: 63 Resp: 626418

Ion Ratio Lower Upper

63 100

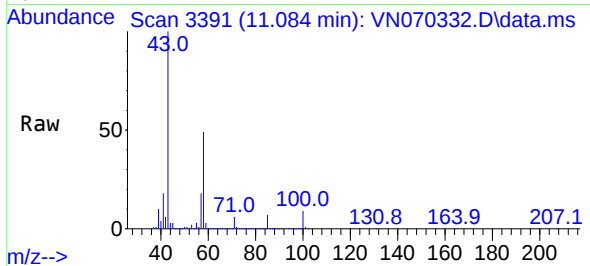
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 111.779 ug/l
RT: 11.084 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

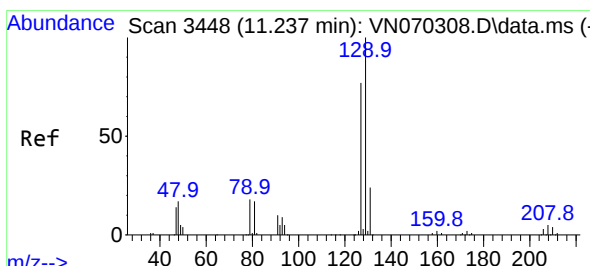
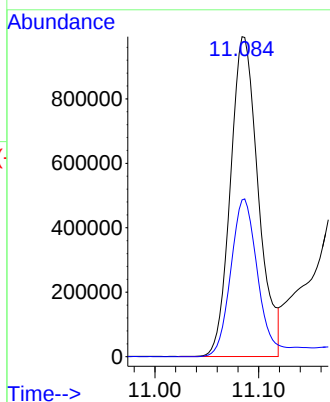
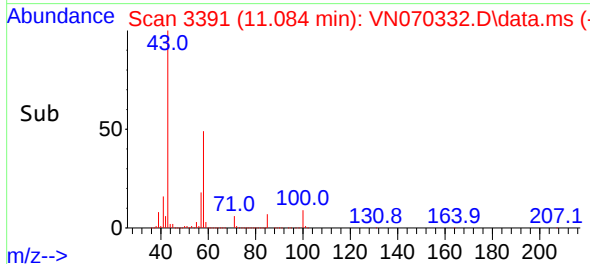
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 43 Resp: 184455
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

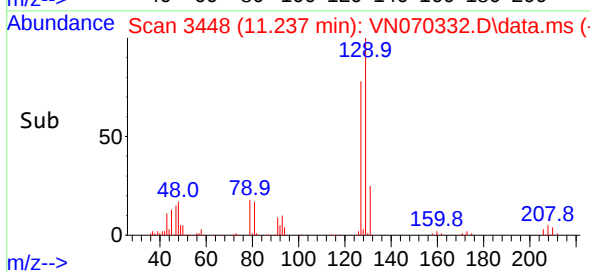
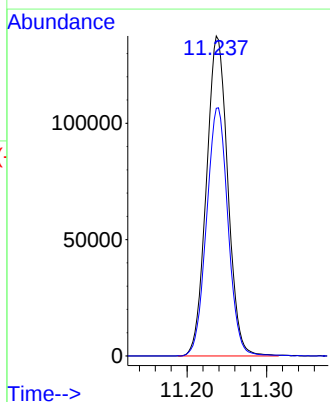
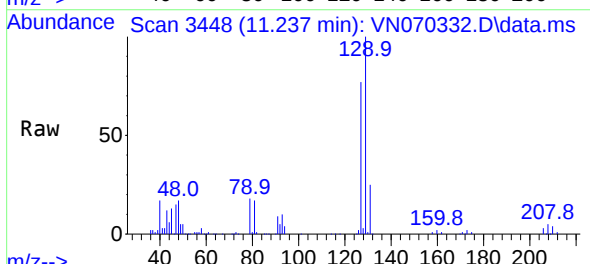
Manual Integrations
APPROVED

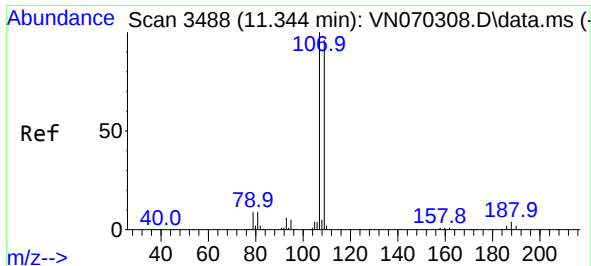
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#60
Dibromochloromethane
Concen: 20.372 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

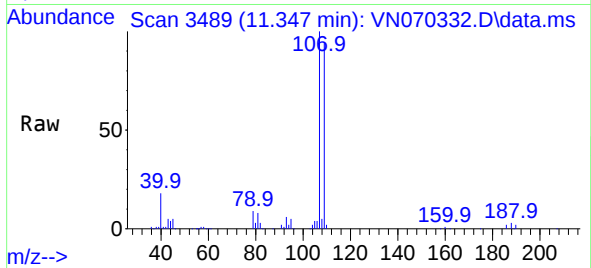
Tgt Ion:129 Resp: 257172
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.410 ug/l
RT: 11.347 min Scan# 3488
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

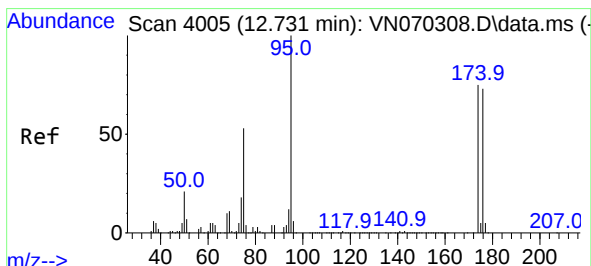
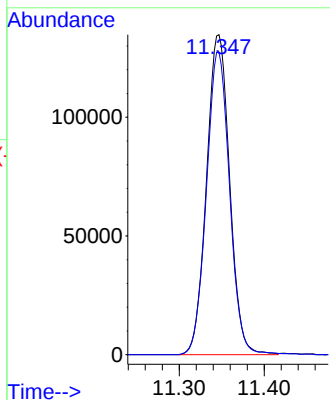
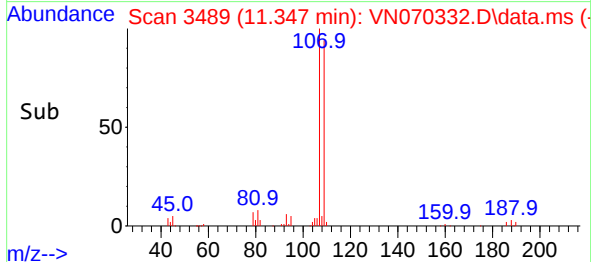
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



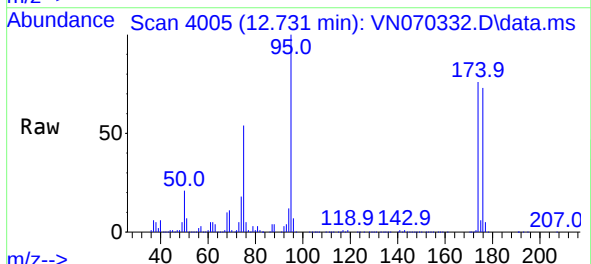
Tgt Ion:107 Resp: 25499
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5

Manual Integrations
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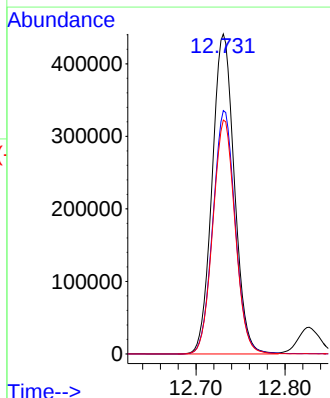
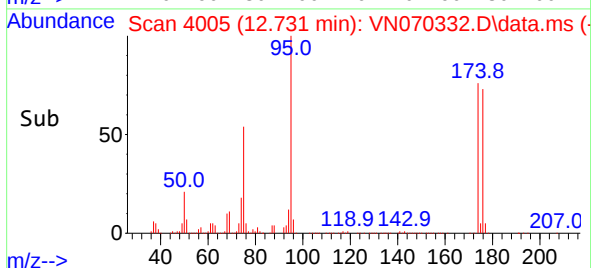
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

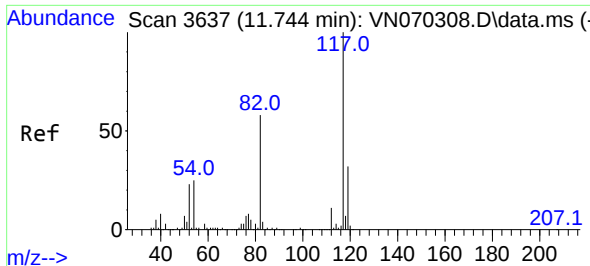


#62
4-Bromofluorobenzene
Concen: 48.701 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



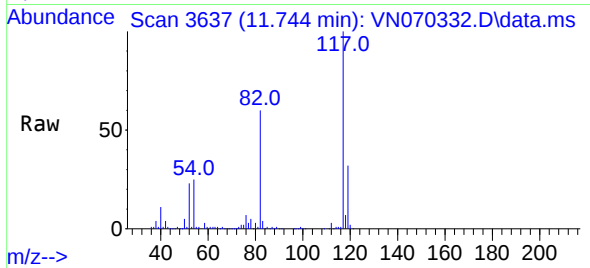
Tgt Ion: 95 Resp: 765433
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

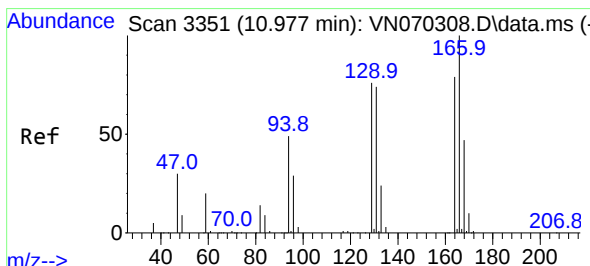
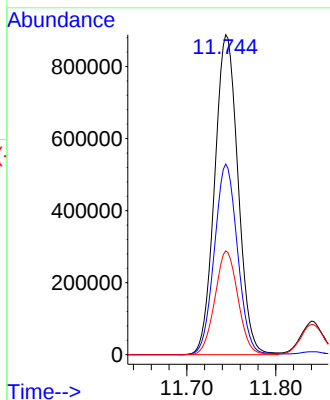
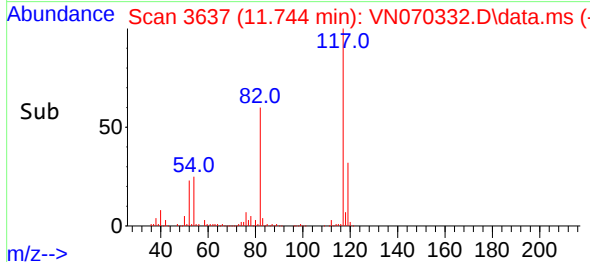
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



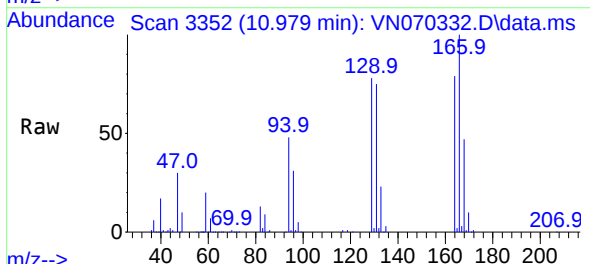
Tgt Ion:117 Resp: 162044
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
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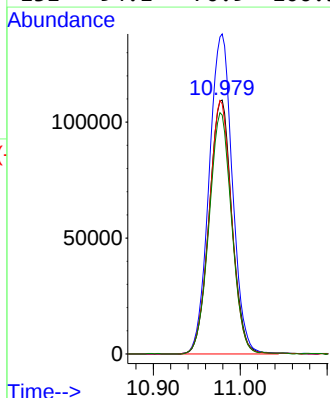
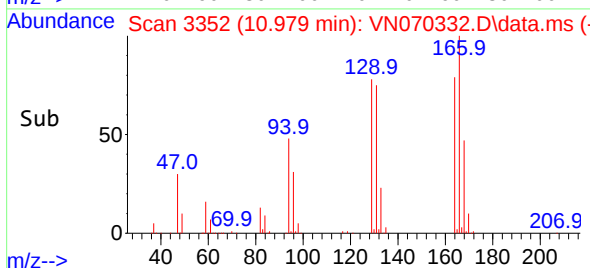
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

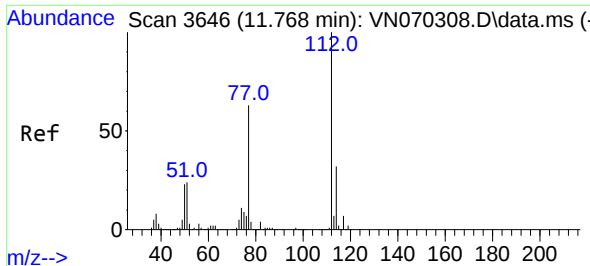


#64
Tetrachloroethene
Concen: 17.038 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion:164 Resp: 199926
Ion Ratio Lower Upper
164 100
166 126.1 101.9 152.9
129 98.5 72.0 108.0
131 94.1 70.9 106.3





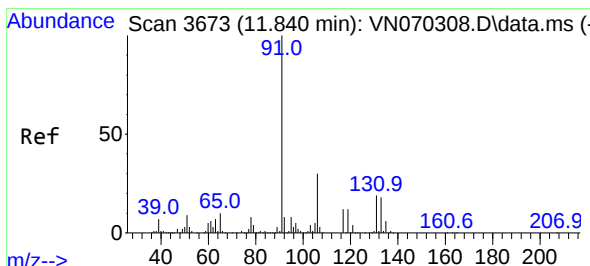
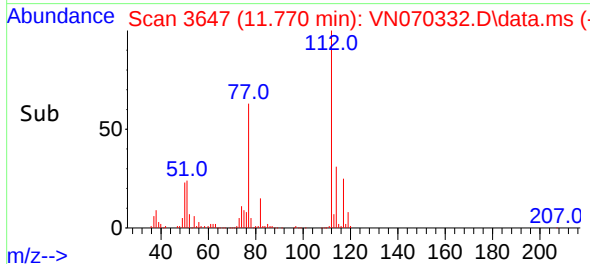
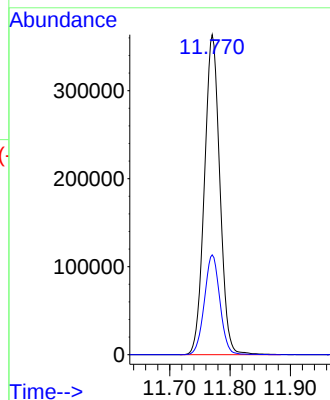
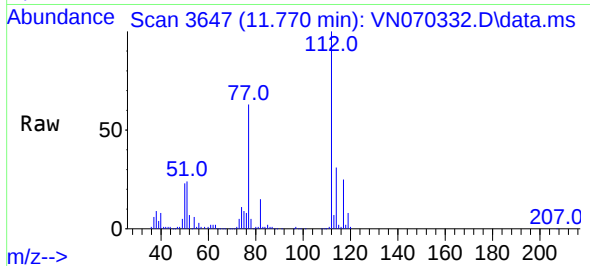
#65
Chlorobenzene
Concen: 18.785 ug/l
RT: 11.770 min Scan# 3646
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:112 Resp: 64588
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

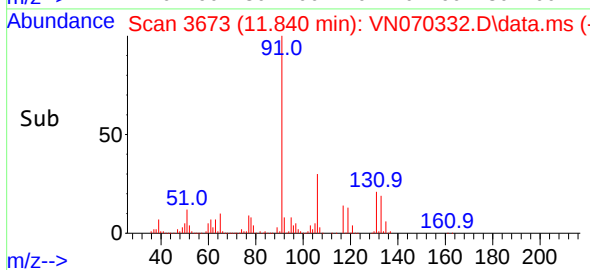
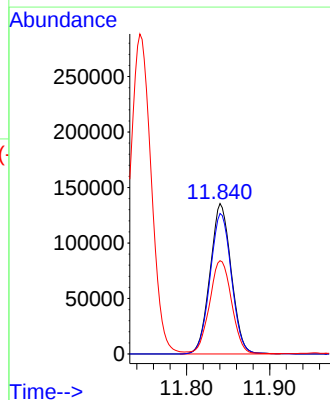
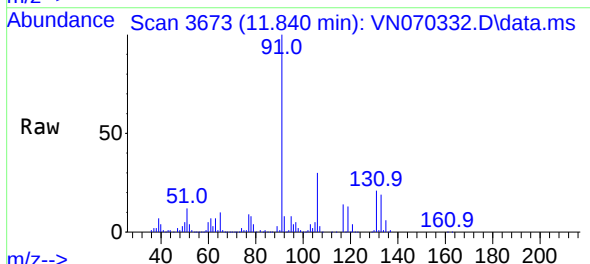
Manual Integrations
APPROVED

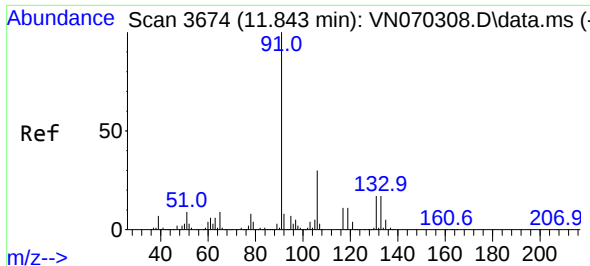
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.561 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

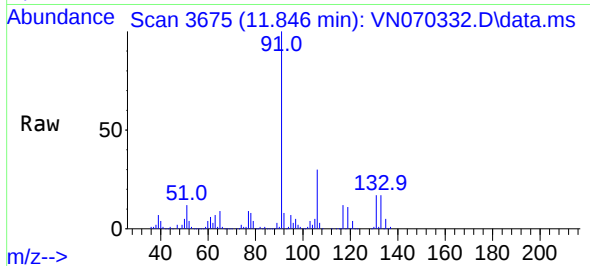
Tgt Ion:131 Resp: 240104
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 19.039 ug/l
RT: 11.846 min Scan# 3674
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

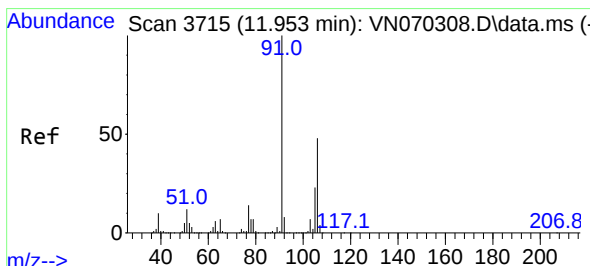
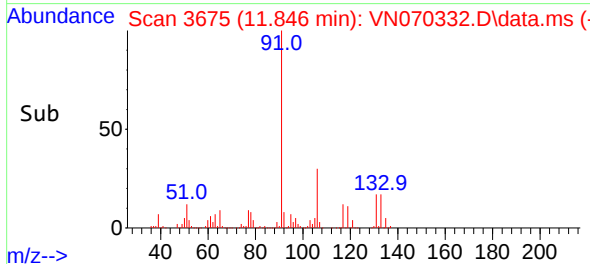
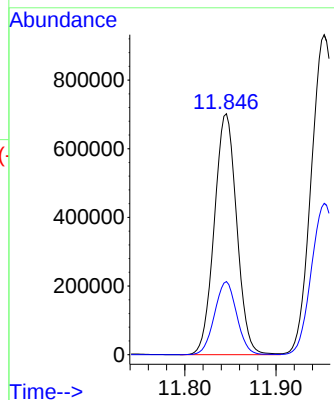
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



Tgt Ion: 91 Resp: 119941
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

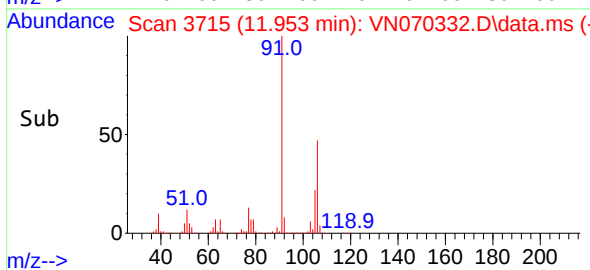
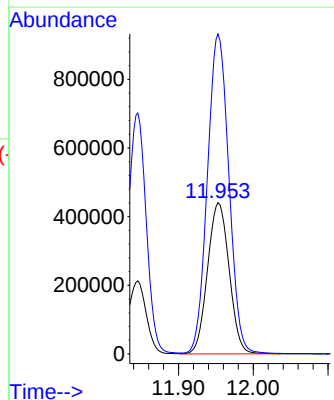
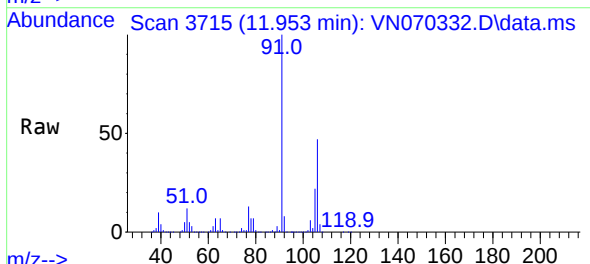
Manual Integrations
APPROVED

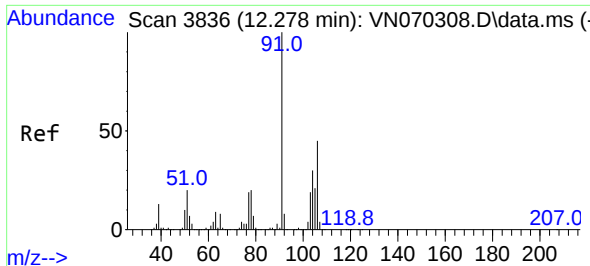
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#68
m/p-Xylenes
Concen: 38.525 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Tgt Ion:106 Resp: 883423
Ion Ratio Lower Upper
106 100
91 210.4 160.6 240.8





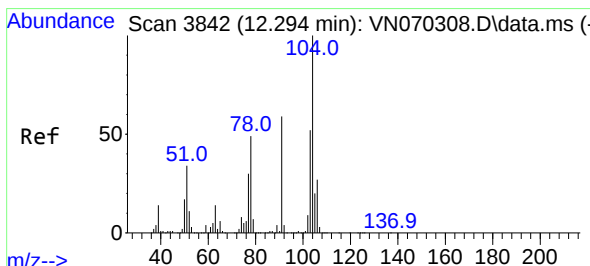
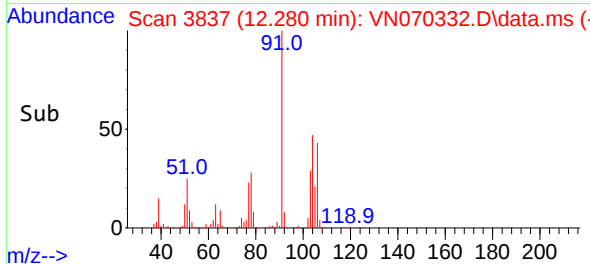
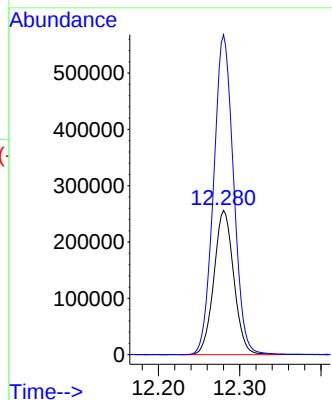
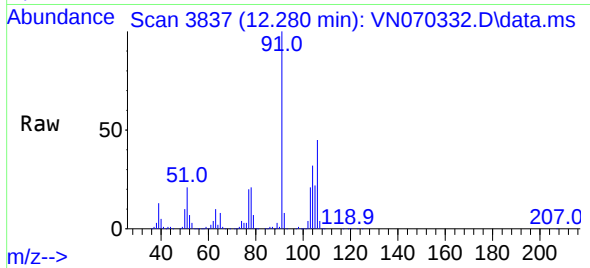
#69
o-Xylene
Concen: 19.105 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:106 Resp: 43575
Ion Ratio Lower Upper
106 100
91 222.6 105.8 317.3

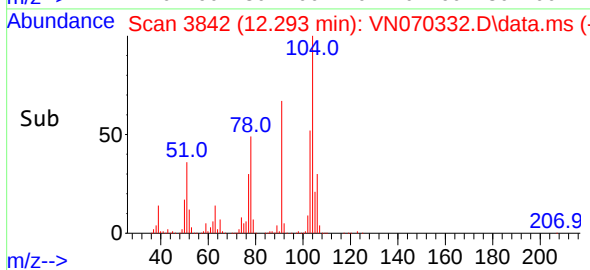
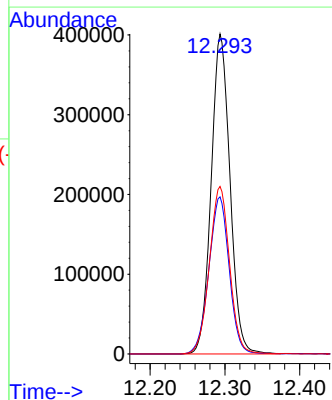
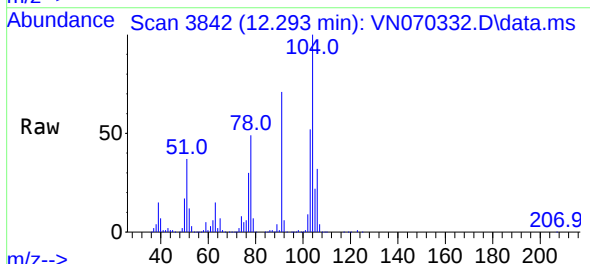
Manual Integrations
APPROVED

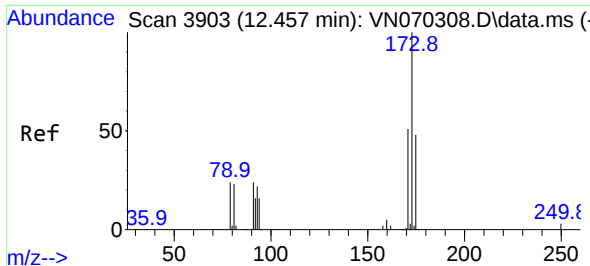
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#70
Styrene
Concen: 19.443 ug/l
RT: 12.293 min Scan# 3842
Delta R.T. -0.001 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Tgt Ion:104 Resp: 701864
Ion Ratio Lower Upper
104 100
78 53.0 38.7 58.1
103 56.1 45.0 67.6





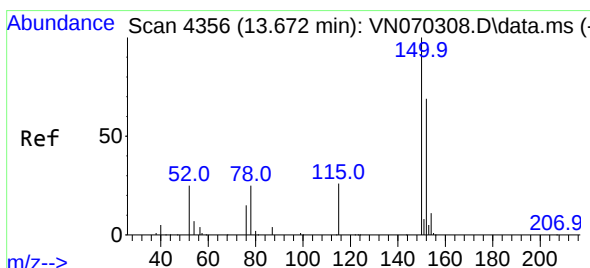
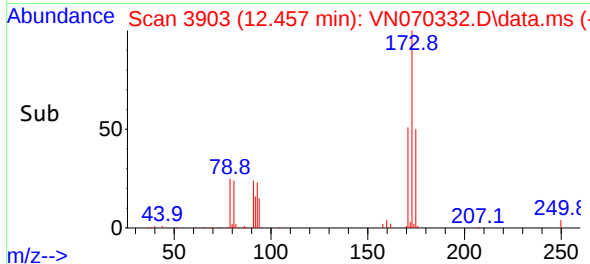
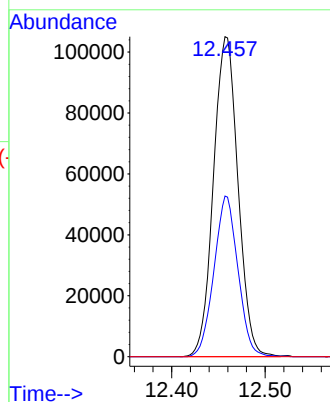
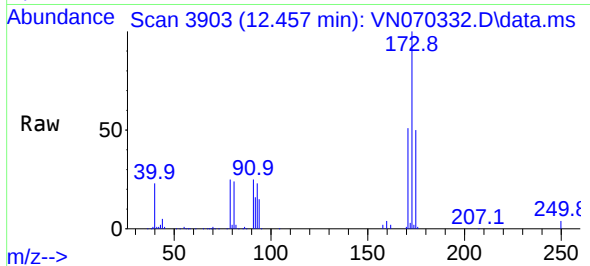
#71
Bromoform
Concen: 21.067 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:173 Resp: 19190
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

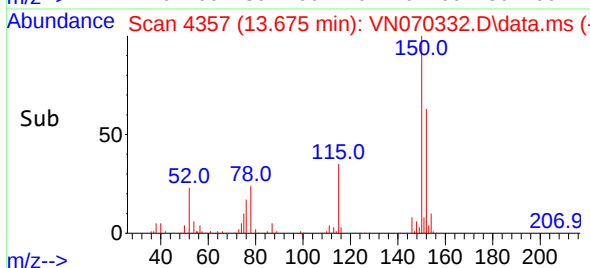
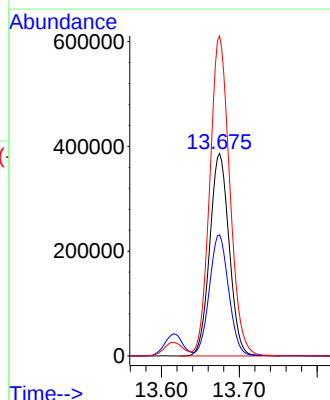
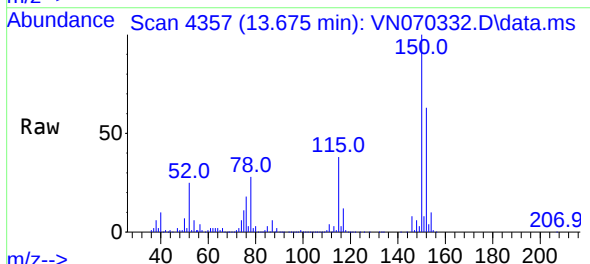
Manual Integrations
APPROVED

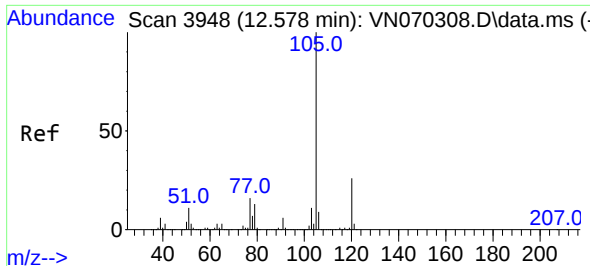
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

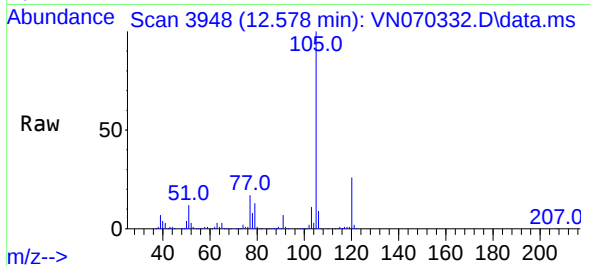
Tgt Ion:152 Resp: 669529
Ion Ratio Lower Upper
152 100
115 59.5 27.5 82.5
150 162.4 0.0 344.4





#73
Isopropylbenzene
Concen: 17.800 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

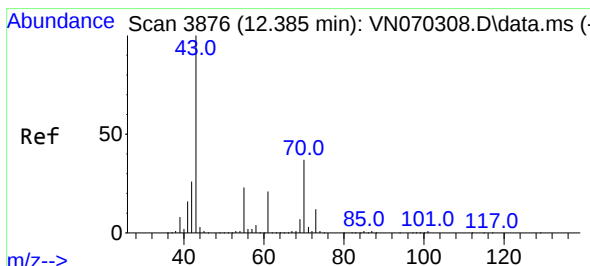
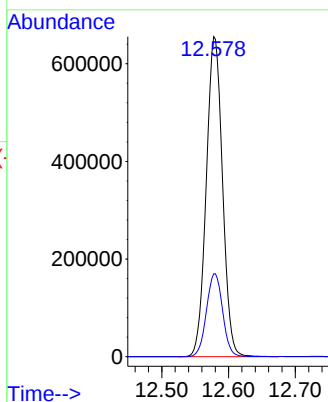
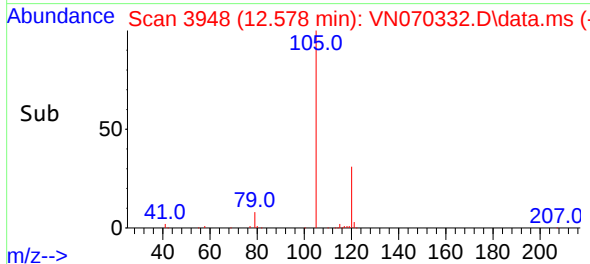
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



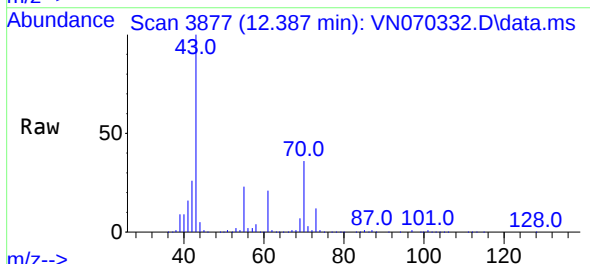
Tgt Ion:105 Resp: 110671
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

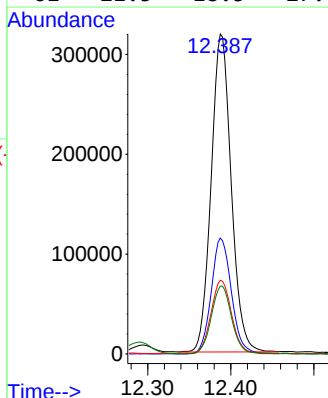
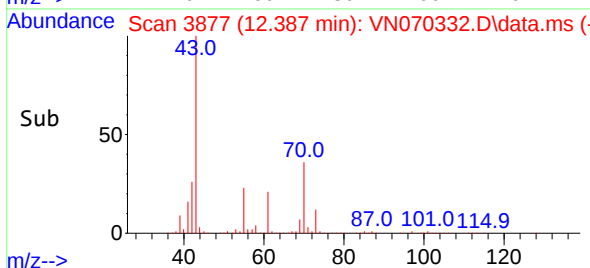
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

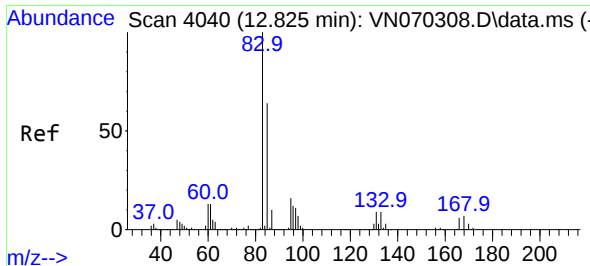


#74
N-ethyl acetate
Concen: 20.432 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



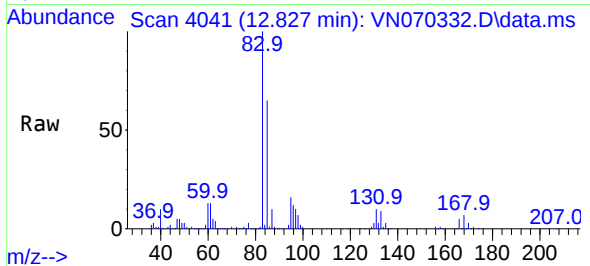
Tgt Ion: 43 Resp: 534156
Ion Ratio Lower Upper
43 100
70 36.5 33.4 50.0
55 23.4 19.3 28.9
61 21.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.636 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

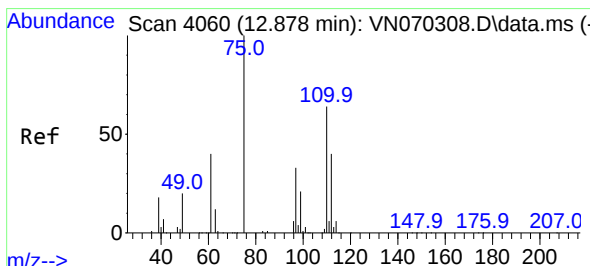
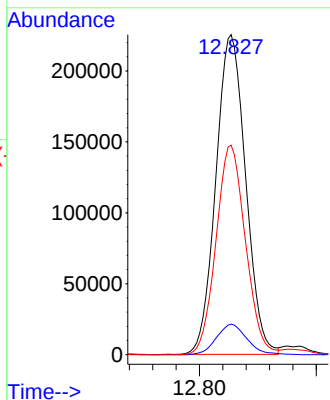
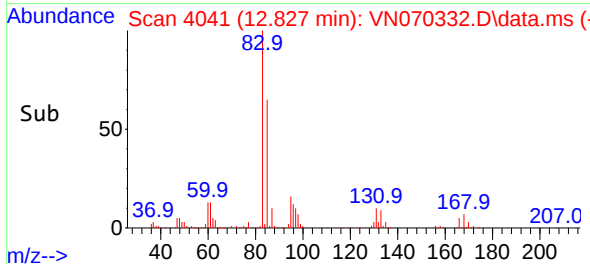
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



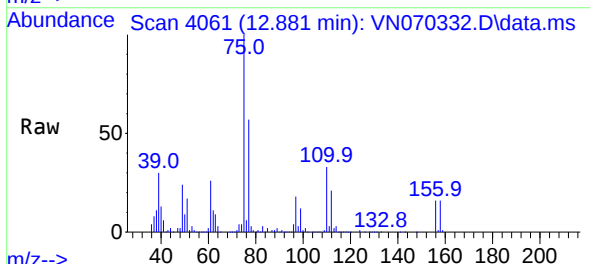
Tgt Ion: 83 Resp: 399827
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.5 32.4 97.2

Manual Integrations
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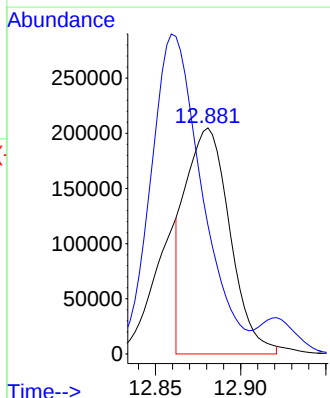
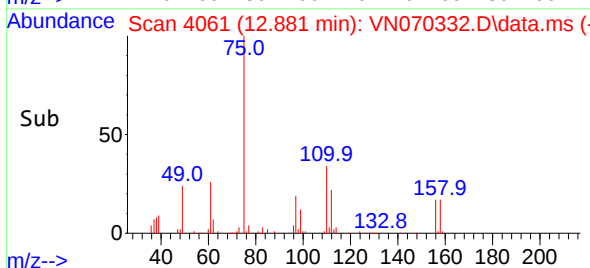
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

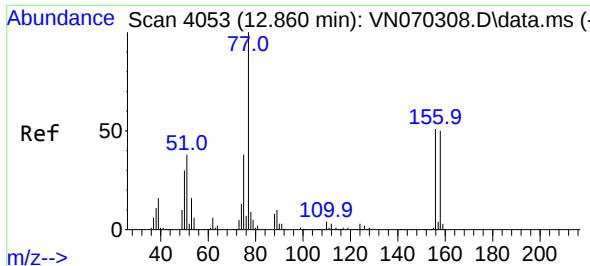


#76
1,2,3-Trichloropropane
Concen: 20.405 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion: 75 Resp: 370532
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





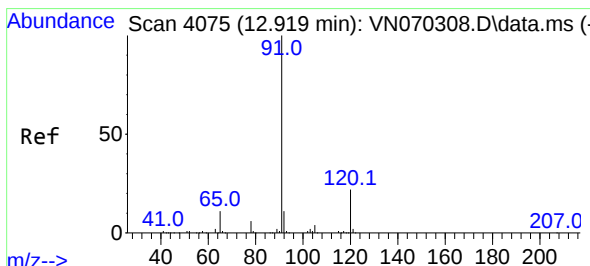
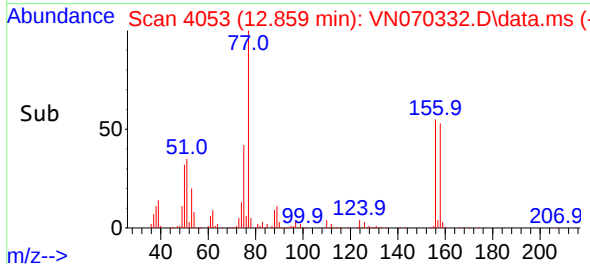
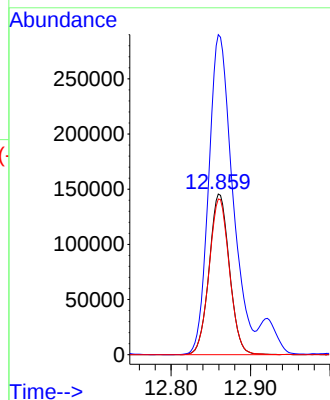
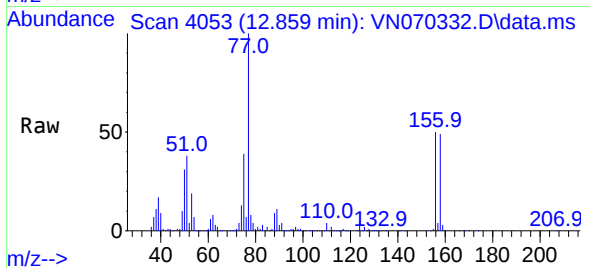
#77
Bromobenzene
Concen: 18.063 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion:156 Resp: 25784
Ion Ratio Lower Upper
156 100
77 234.6 90.6 271.8
158 97.7 48.9 146.7

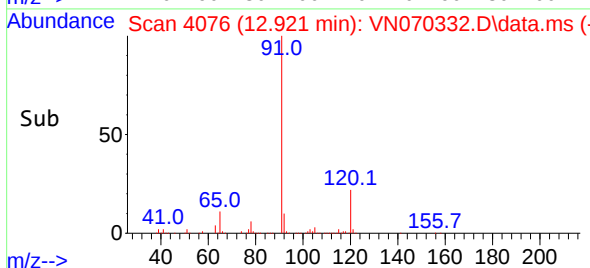
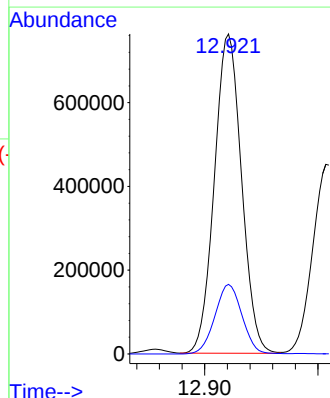
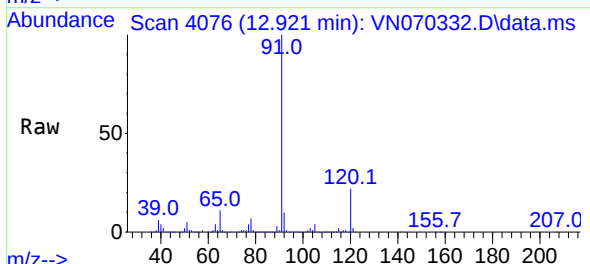
Manual Integrations
APPROVED

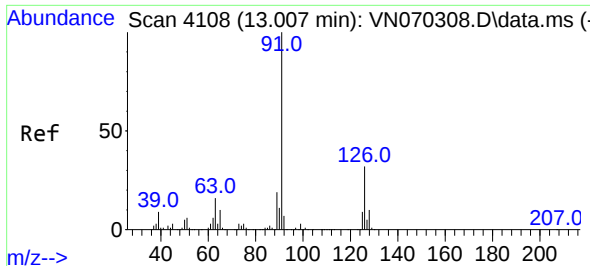
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#78
n-propylbenzene
Concen: 18.384 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Tgt Ion: 91 Resp: 1266474
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





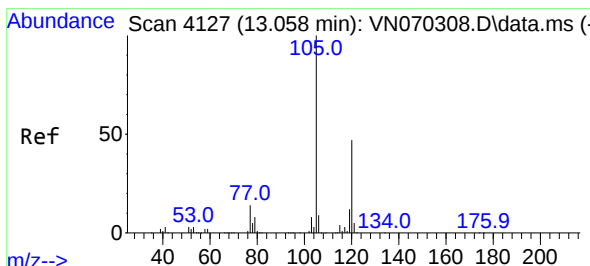
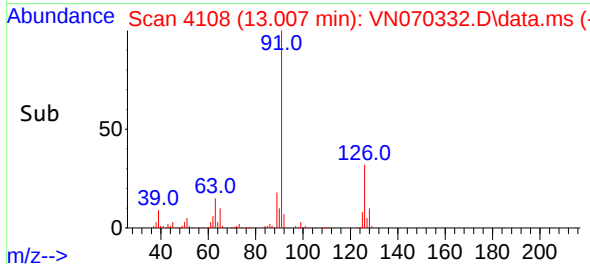
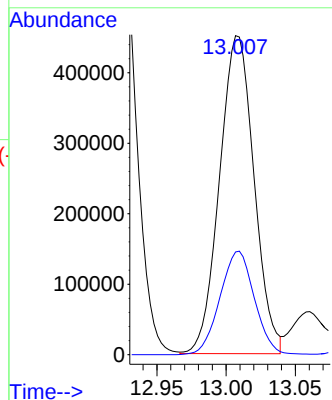
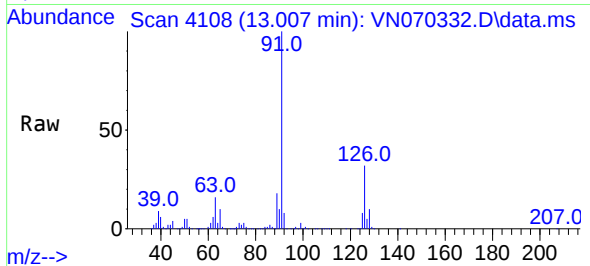
#79
2-Chlorotoluene
Concen: 17.716 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.000 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 91 Resp: 78307
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

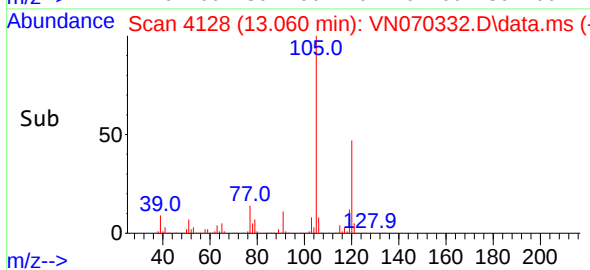
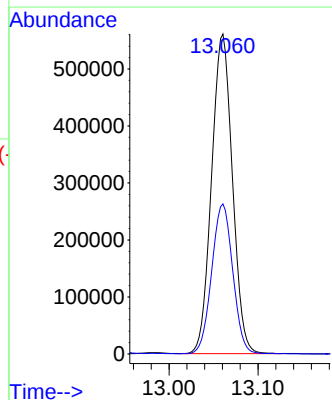
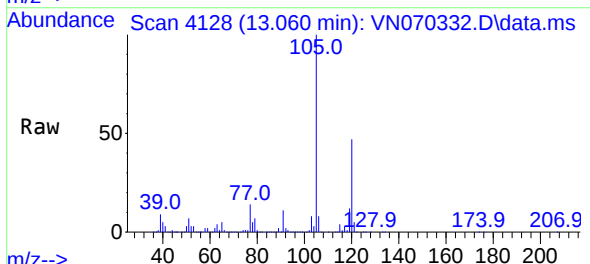
Manual Integrations
APPROVED

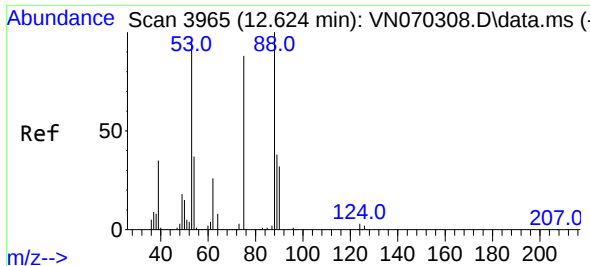
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.274 ug/l
RT: 13.060 min Scan# 4128
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

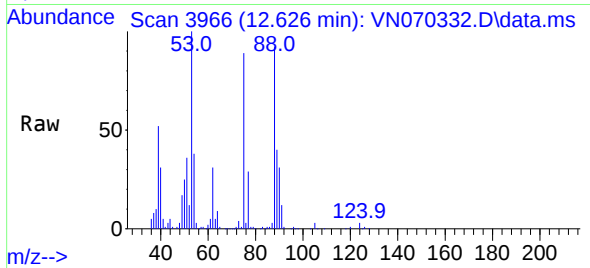
Tgt Ion:105 Resp: 910519
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.115 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

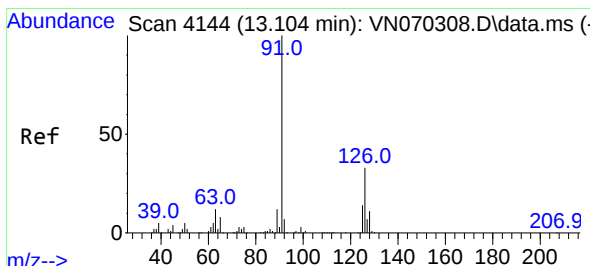
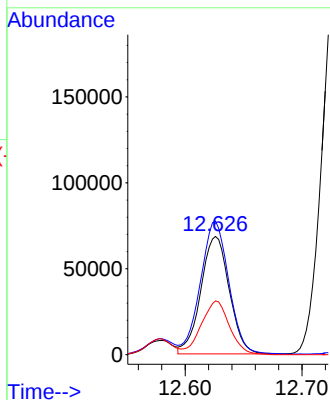
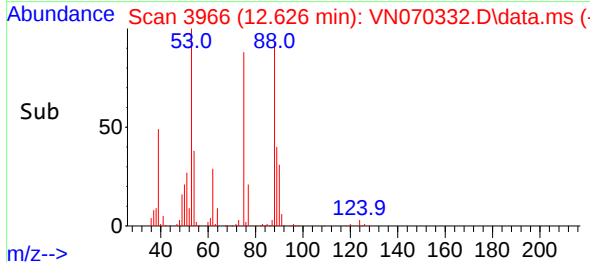
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



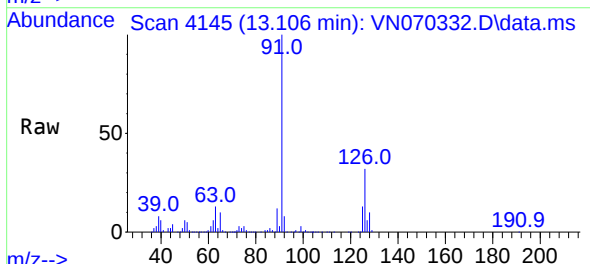
Tgt Ion: 75 Resp: 115709
Ion Ratio Lower Upper
75 100
53 113.9 90.5 135.7
89 45.5 38.2 57.4

Manual Integrations
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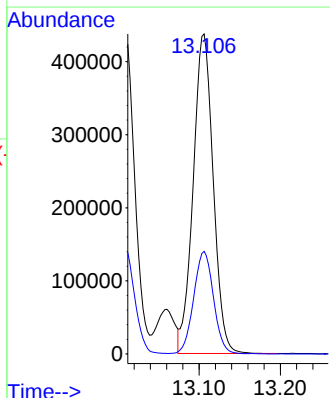
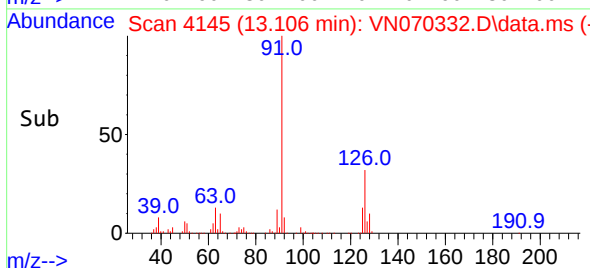
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

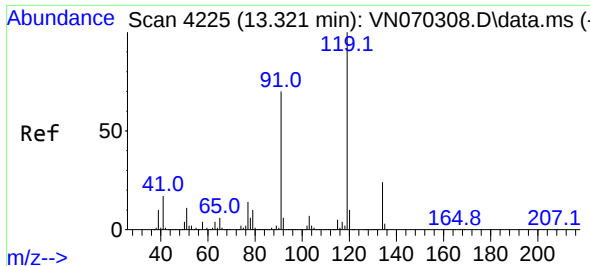


#82
4-Chlorotoluene
Concen: 18.061 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



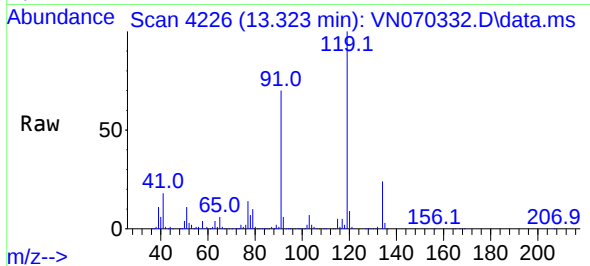
Tgt Ion: 91 Resp: 747789
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.995 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

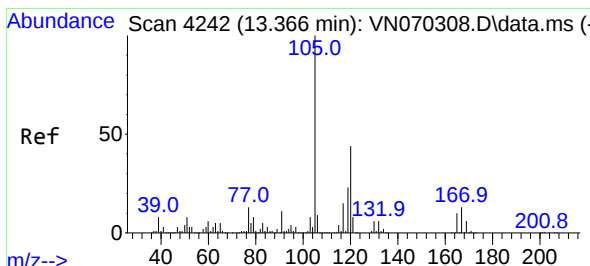
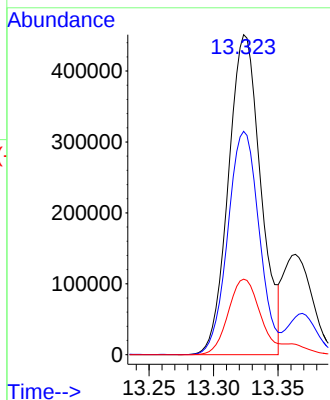
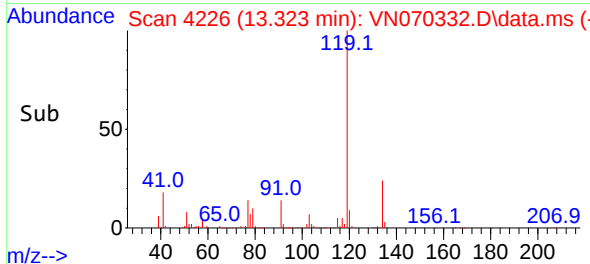
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



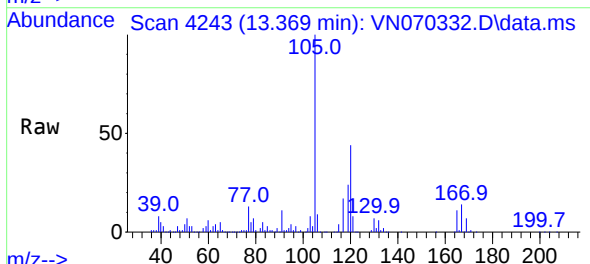
Tgt Ion:119 Resp: 789488
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 25.9 12.4 37.4

Manual Integrations
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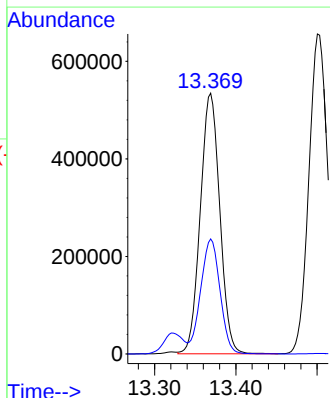
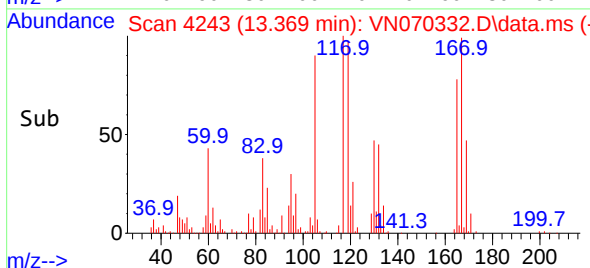
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

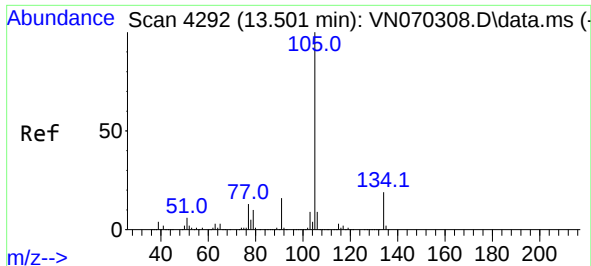


#84
1,2,4-Trimethylbenzene
Concen: 18.544 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion:105 Resp: 889681
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





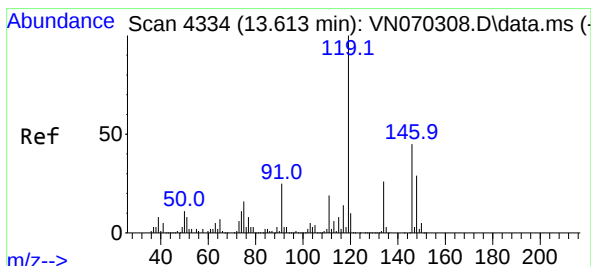
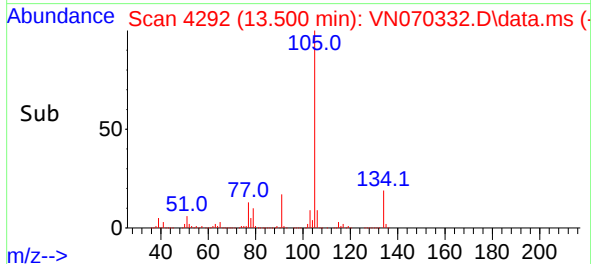
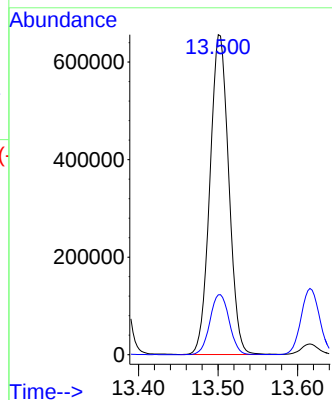
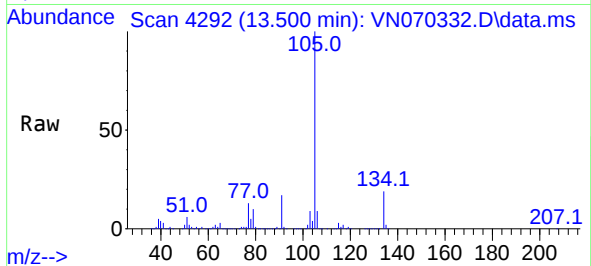
#85
 sec-Butylbenzene
 Concen: 18.094 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VN070332.D
 Acq: 28 Dec 2021 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01

Tgt Ion:105 Resp: 107773
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

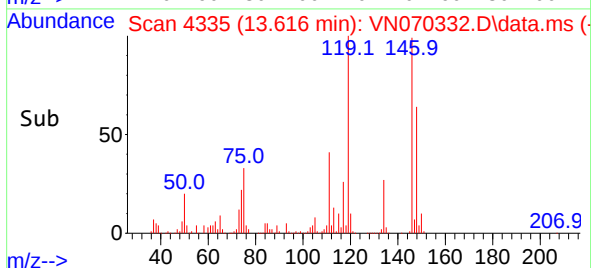
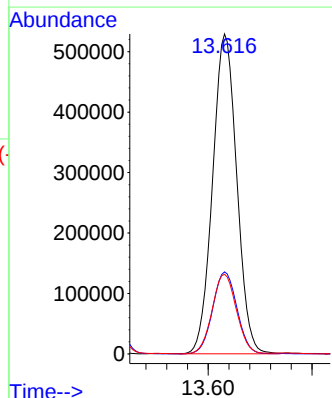
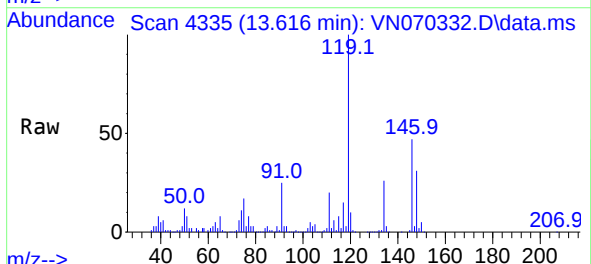
Manual Integrations
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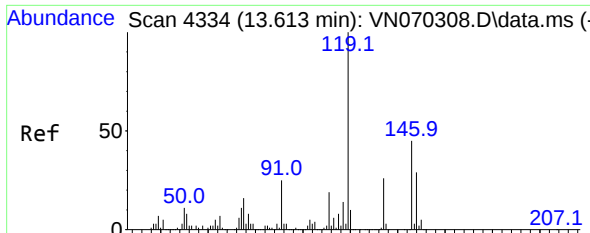
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021



#86
 p-Isopropyltoluene
 Concen: 18.237 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070332.D
 Acq: 28 Dec 2021 18:19

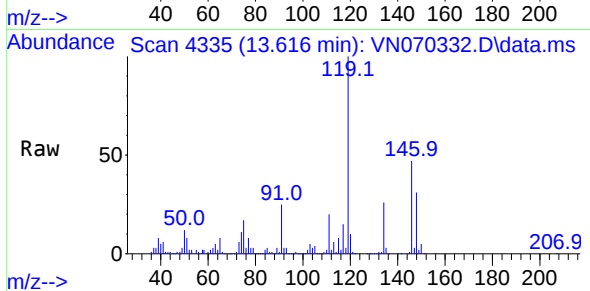
Tgt Ion:119 Resp: 853290
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.119 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

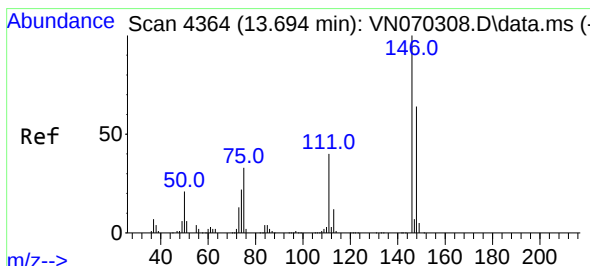
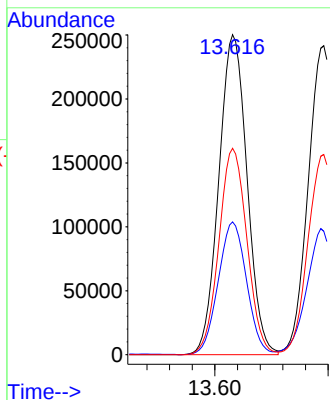
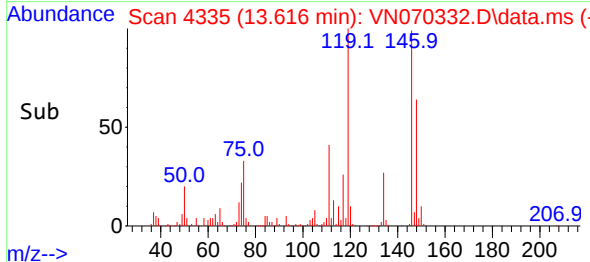
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



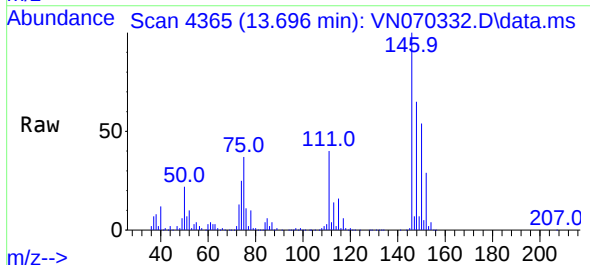
Tgt Ion:146 Resp: 432975
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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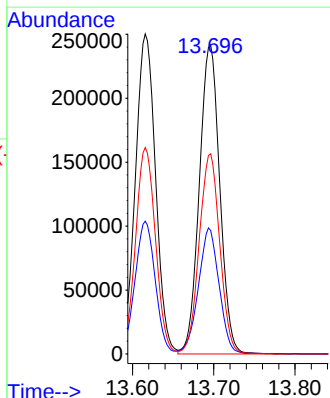
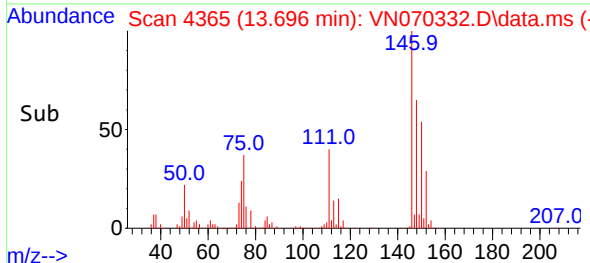
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

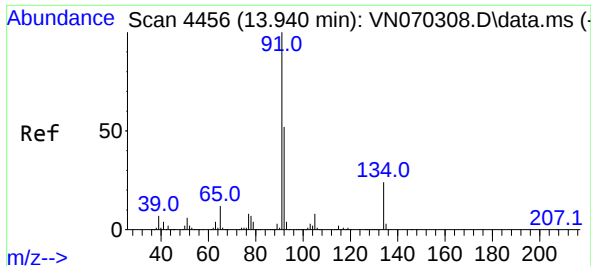


#88
1,4-Dichlorobenzene
Concen: 17.914 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion:146 Resp: 422258
Ion Ratio Lower Upper
146 100
111 41.0 18.3 54.8
148 64.8 31.8 95.4





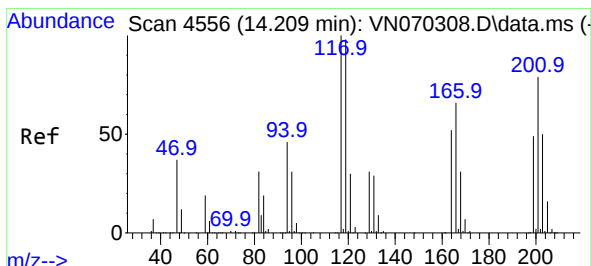
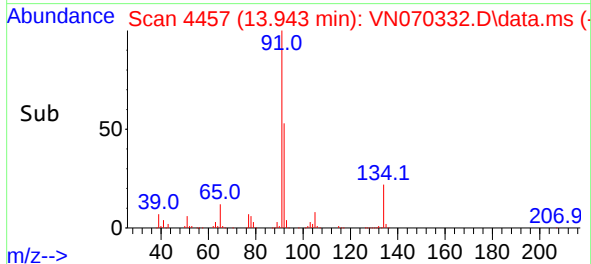
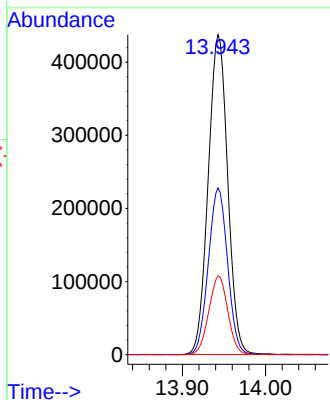
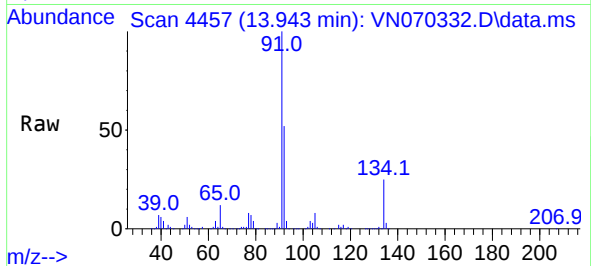
#89
n-Butylbenzene
Concen: 18.254 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01

Tgt Ion: 91 Resp: 712398
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.1 13.6 40.8

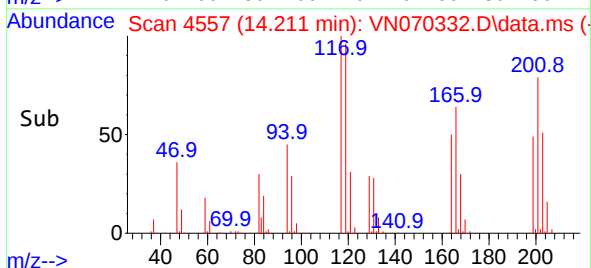
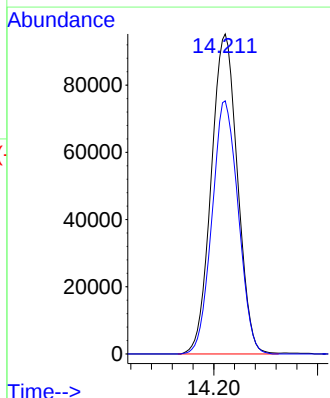
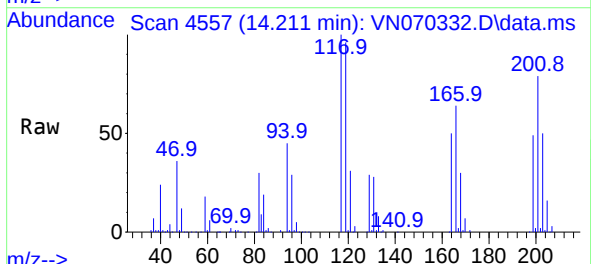
Manual Integrations
APPROVED

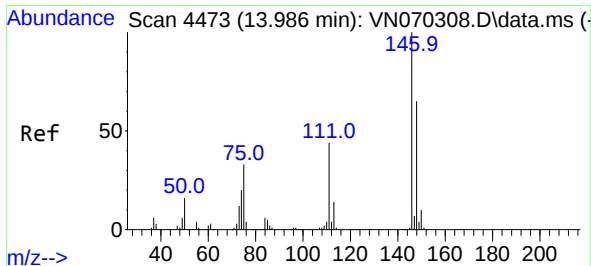
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#90
Hexachloroethane
Concen: 20.557 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

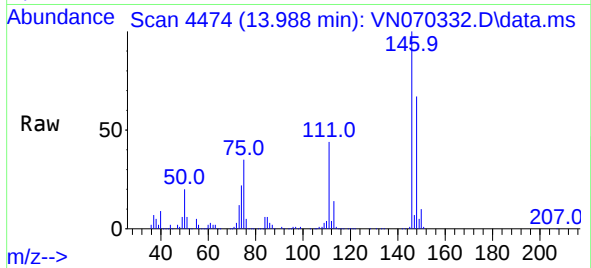
Tgt Ion:117 Resp: 167101
Ion Ratio Lower Upper
117 100
201 79.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.021 ug/l
RT: 13.988 min Scan# 4473
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

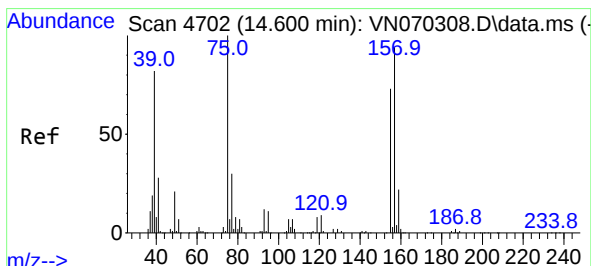
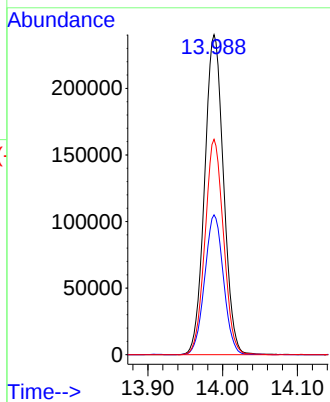
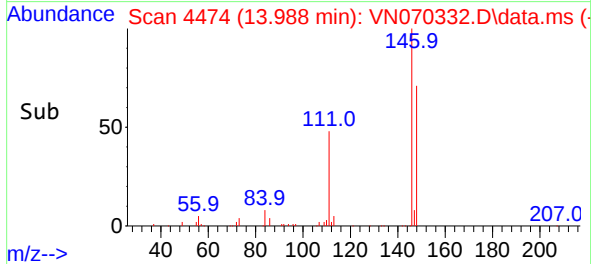
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



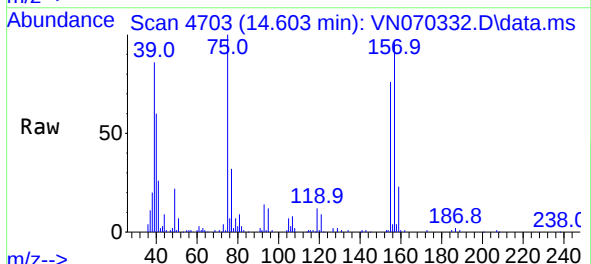
Tgt Ion:146 Resp: 422168
Ion Ratio Lower Upper
146 100
111 43.5 19.1 57.3
148 66.1 32.1 96.3

Manual Integrations
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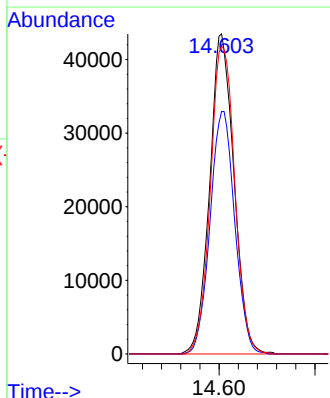
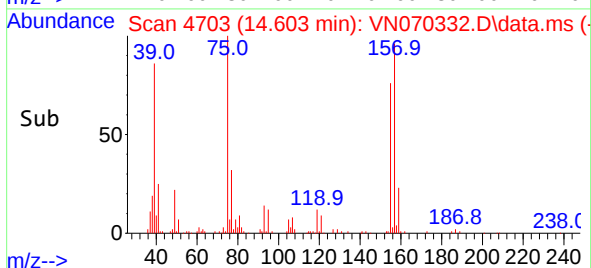
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

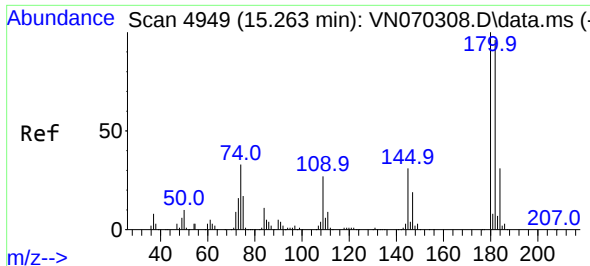


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.211 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



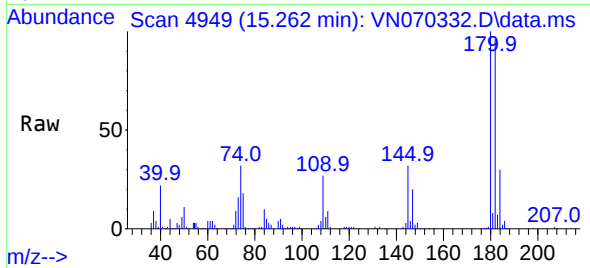
Tgt Ion: 75 Resp: 76399
Ion Ratio Lower Upper
75 100
155 77.0 46.9 140.7
157 96.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.318 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

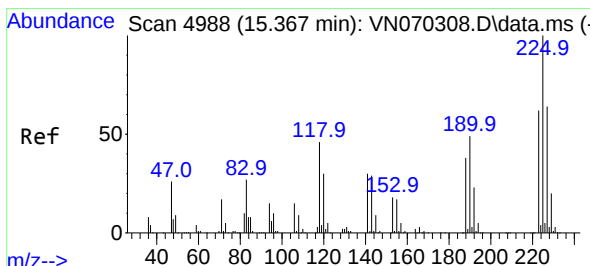
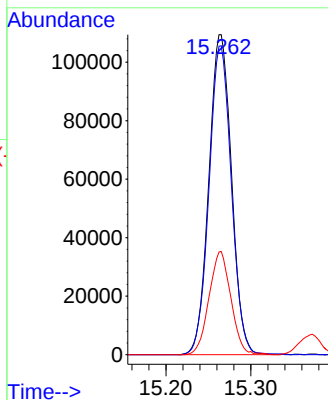
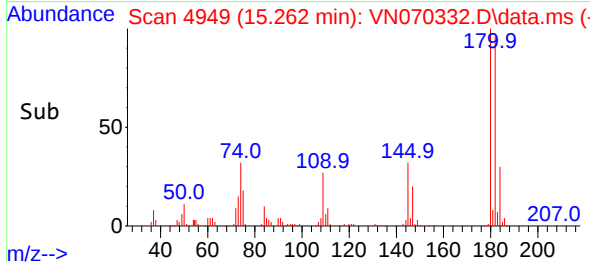
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



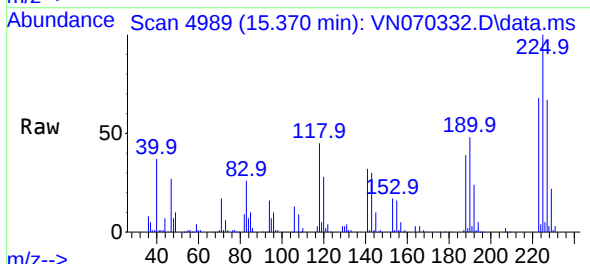
Tgt Ion:180 Resp: 202190
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 31.1 14.5 43.5

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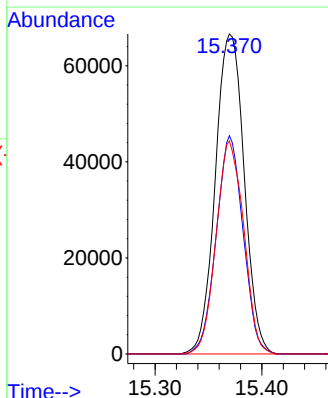
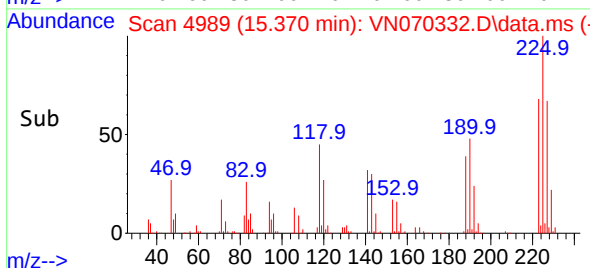
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

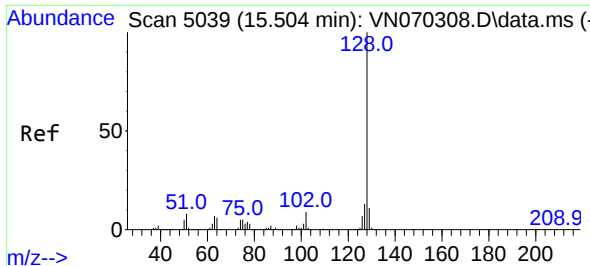


#94
Hexachlorobutadiene
Concen: 19.505 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



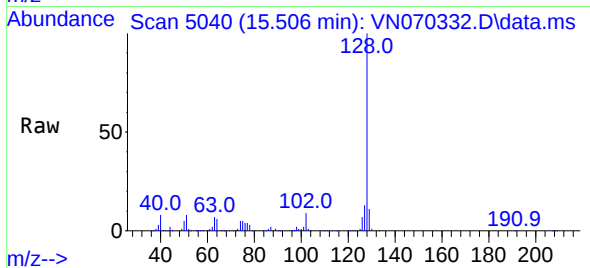
Tgt Ion:225 Resp: 125122
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 20.562 ug/l
RT: 15.506 min Scan# 5039
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19

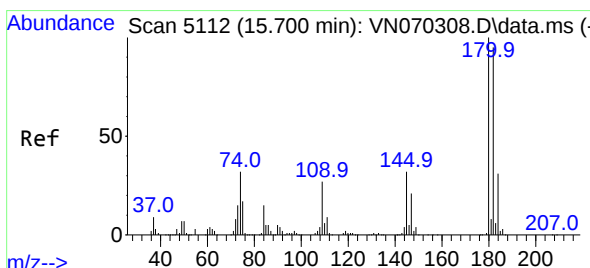
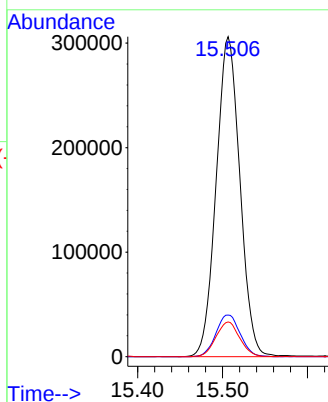
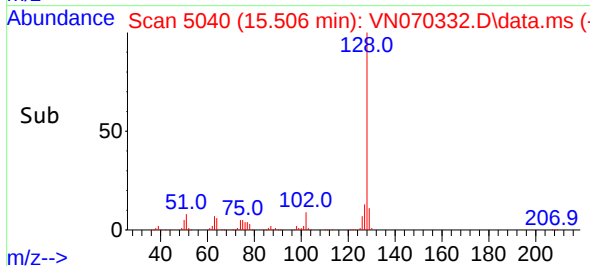
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBS01



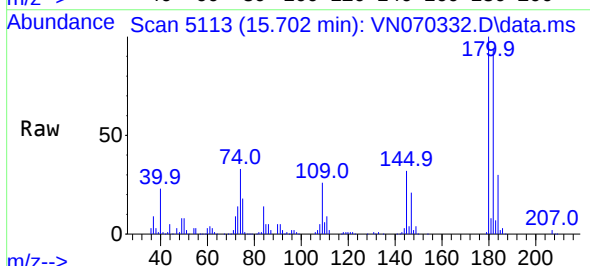
Tgt Ion:128 Resp: 59377
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.704 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070332.D
Acq: 28 Dec 2021 18:19



Tgt Ion:180 Resp: 202662
Ion Ratio Lower Upper
180 100
182 96.6 47.4 142.2
145 32.8 15.0 45.1

