

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071052.D
 Acq On : 24 Feb 2022 13:56
 Operator : JC\MD
 Sample : VN0224WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 02:42:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	571249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	903439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	812649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	327293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	359320	55.064	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.120%			
35) Dibromofluoromethane	8.016	113	278679	51.860	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.720%			
50) Toluene-d8	10.439	98	1090557	50.535	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.727	95	358122	46.427	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	102660	17.303	ug/l	96
3) Chloromethane	2.298	50	142422	19.097	ug/l	99
4) Vinyl Chloride	2.446	62	132223	17.711	ug/l	100
5) Bromomethane	2.845	94	78452	18.499	ug/l	98
6) Chloroethane	3.016	64	81889	16.720	ug/l	96
7) Trichlorofluoromethane	3.375	101	181268	19.375	ug/l	91
8) Diethyl Ether	3.822	74	77735	19.113	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	107030	18.646	ug/l	96
10) Methyl Iodide	4.422	142	145218	18.267	ug/l	98
11) Tert butyl alcohol	5.357	59	124351	104.564	ug/l	98
12) 1,1-Dichloroethene	4.187	96	98208	17.560	ug/l	93
13) Acrolein	4.040	56	108413	102.020	ug/l	98
14) Allyl chloride	4.845	41	208750	19.572	ug/l #	86
15) Acrylonitrile	5.551	53	398828	113.856	ug/l	98
16) Acetone	4.281	43	319283	88.845	ug/l	96
17) Carbon Disulfide	4.534	76	244709	15.258	ug/l	98
18) Methyl Acetate	4.851	43	184918	23.177	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	402112	20.497	ug/l	94
20) Methylene Chloride	5.098	84	127677	19.549	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	109210	18.194	ug/l	98
22) Diisopropyl ether	6.492	45	457549	22.367	ug/l	92
23) Vinyl Acetate	6.428	43	1900921	109.774	ug/l	98
24) 1,1-Dichloroethane	6.381	63	233075	20.325	ug/l	99
25) 2-Butanone	7.328	43	527565	110.353	ug/l	97
26) 2,2-Dichloropropane	7.316	77	178742	18.755	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	134990	19.567	ug/l	92
28) Bromochloromethane	7.651	49	111474	24.018	ug/l	84
29) Tetrahydrofuran	7.680	42	360447	116.385	ug/l	93
30) Chloroform	7.816	83	227426	20.164	ug/l	99
31) Cyclohexane	8.092	56	218258	19.340	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	189496	19.455	ug/l	97
36) 1,1-Dichloropropene	8.222	75	159104	18.072	ug/l	97
37) Ethyl Acetate	7.404	43	218874	23.181	ug/l	97
38) Carbon Tetrachloride	8.204	117	158379	18.258	ug/l	99
39) Methylcyclohexane	9.457	83	195025	17.216	ug/l	92
40) Benzene	8.457	78	515497	19.795	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	116196	23.366	ug/l #	84
42) 1,2-Dichloroethane	8.527	62	183911	20.736	ug/l	97
43) Isopropyl Acetate	8.557	43	320547	21.539	ug/l	98
44) Trichloroethene	9.216	130	122444	17.855	ug/l	91
45) 1,2-Dichloropropane	9.486	63	142647	21.384	ug/l	98
46) Dibromomethane	9.574	93	87154	19.853	ug/l	99
47) Bromodichloromethane	9.757	83	173315	19.534	ug/l	100
48) Methyl methacrylate	9.551	41	154154	21.883	ug/l #	84
49) 1,4-Dioxane	9.563	88	52994	423.558	ug/l #	82
51) 4-Methyl-2-Pentanone	10.327	43	1043807	115.276	ug/l	99
52) Toluene	10.498	92	318050	19.436	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	184752	19.150	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	204237	19.277	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	130493	20.373	ug/l	97
56) Ethyl methacrylate	10.757	69	203981	21.136	ug/l	91
57) 1,3-Dichloropropane	11.039	76	230283	20.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	165948	99.271	ug/l	95
59) 2-Hexanone	11.080	43	711974	114.328	ug/l	99
60) Dibromochloromethane	11.233	129	128875	19.038	ug/l	100
61) 1,2-Dibromoethane	11.339	107	128625	19.743	ug/l	99
64) Tetrachloroethene	10.974	164	114200	18.044	ug/l	95
65) Chlorobenzene	11.763	112	324749	18.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	123446	19.339	ug/l	99
67) Ethyl Benzene	11.839	91	581153	18.962	ug/l	97
68) m/p-Xylenes	11.951	106	443271	37.443	ug/l	100
69) o-Xylene	12.274	106	218751	18.915	ug/l	96
70) Styrene	12.292	104	342658	18.634	ug/l	97
71) Bromoform	12.451	173	92798	18.254	ug/l #	98
73) Isopropylbenzene	12.574	105	563733	21.399	ug/l	99
74) N-amyl acetate	12.386	43	188411	22.374	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	198089	23.662	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	146516m	19.013	ug/l	
77) Bromobenzene	12.857	156	131257	20.353	ug/l	84
78) n-propylbenzene	12.915	91	604803	20.433	ug/l	99
79) 2-Chlorotoluene	13.004	91	381879	21.245	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	448455	21.012	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	49018	20.612	ug/l	92
82) 4-Chlorotoluene	13.104	91	359410	20.598	ug/l	95
83) tert-Butylbenzene	13.321	119	400500	19.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	437265	20.813	ug/l	100
85) sec-Butylbenzene	13.498	105	533195	19.992	ug/l	99
86) p-Isopropyltoluene	13.610	119	431801	19.722	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	219797	19.253	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	211693	18.926	ug/l	98
89) n-Butylbenzene	13.939	91	295946	16.567	ug/l	97
90) Hexachloroethane	14.204	117	78688	20.124	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	216814	20.225	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30489	22.479	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	87492	15.938	ug/l	99
94) Hexachlorobutadiene	15.362	225	63558	16.258	ug/l	98
95) Naphthalene	15.504	128	182802	16.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	82250	16.577	ug/l	100

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Manual Integrations
APPROVED

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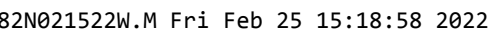
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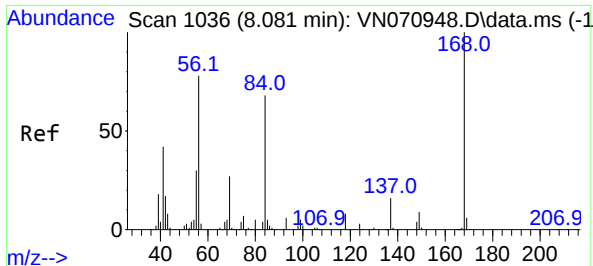
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

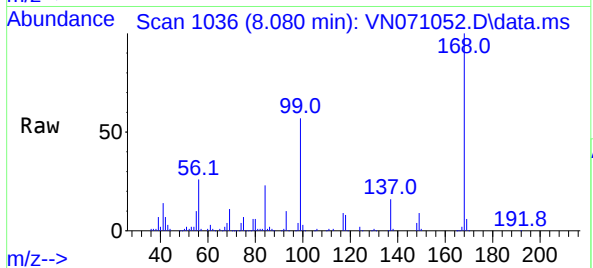
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Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.080 min Scan# 1036
 Delta R.T. -0.001 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56

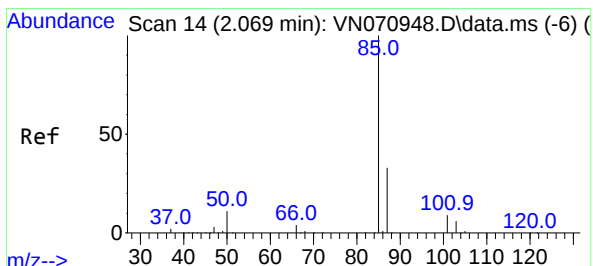
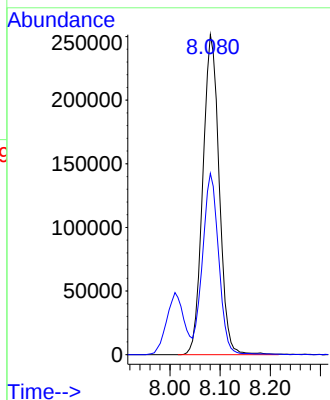
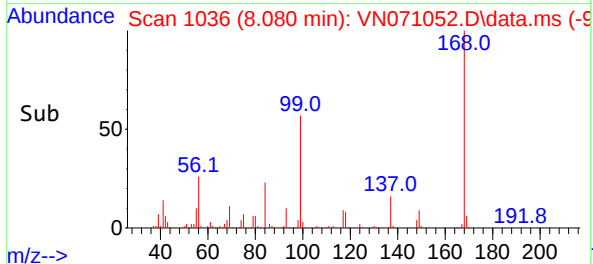
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Tgt Ion:168 Resp: 571249
 Ion Ratio Lower Upper
 168 100
 99 56.5 41.3 61.9

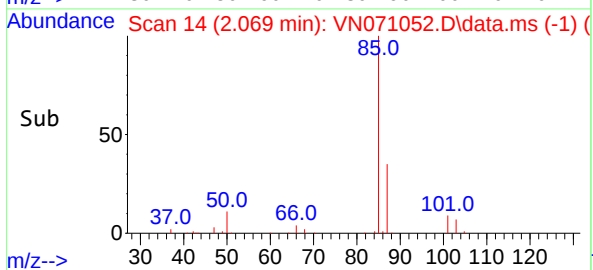
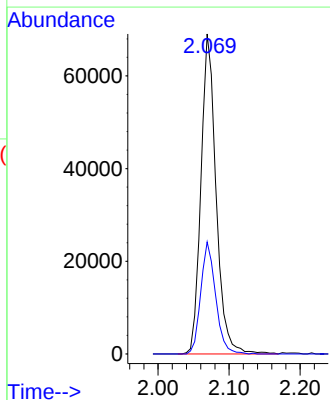
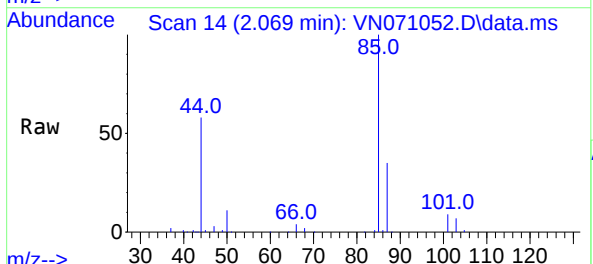
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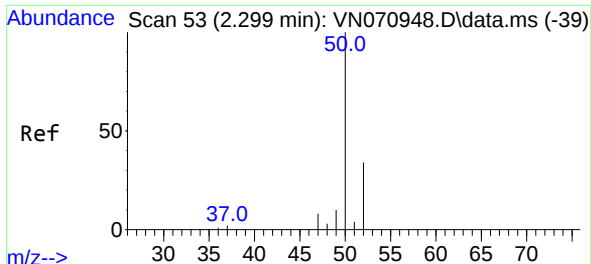
Reviewed By :John Carlone 02/25/2022
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Dichlorodifluoromethane
 Concen: 17.303 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56

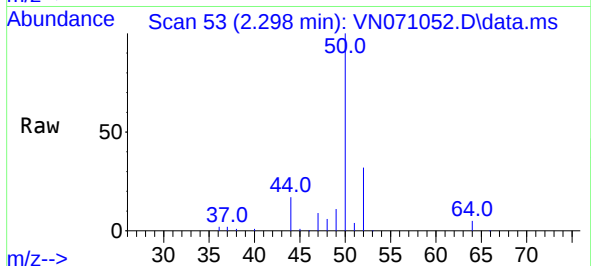
Tgt Ion: 85 Resp: 102660
 Ion Ratio Lower Upper
 85 100
 87 35.0 16.3 48.9





#3
Chloromethane
Concen: 19.097 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

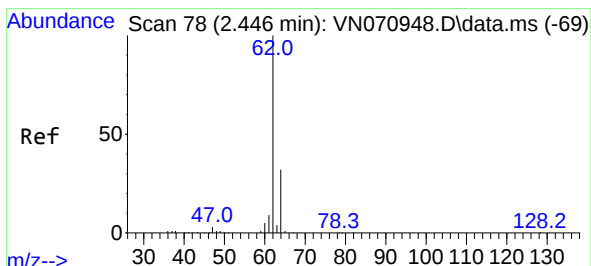
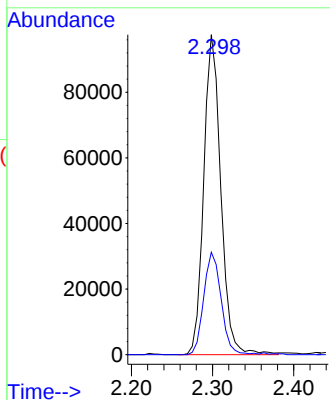
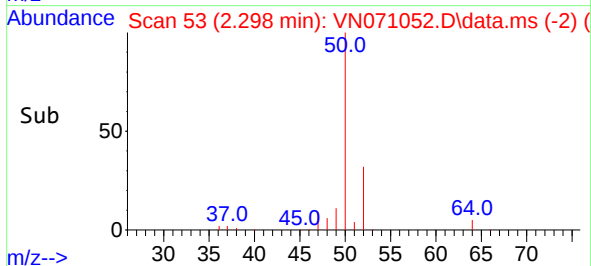
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Tgt Ion: 50 Resp: 14242
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

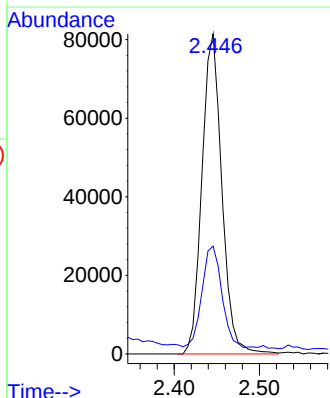
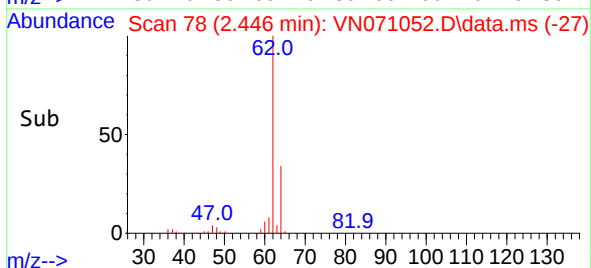
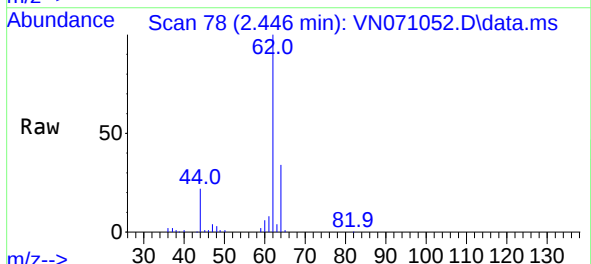
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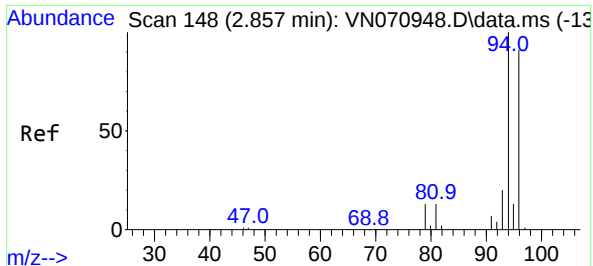
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#4
Vinyl Chloride
Concen: 17.711 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

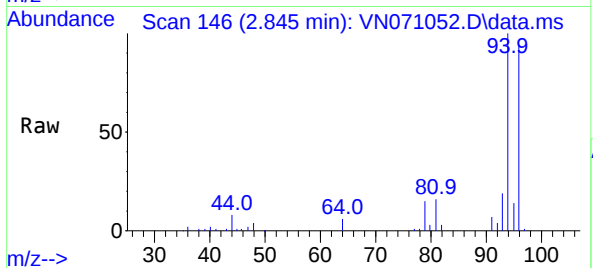
Tgt Ion: 62 Resp: 132223
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 18.499 ug/l
RT: 2.845 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN071052.D
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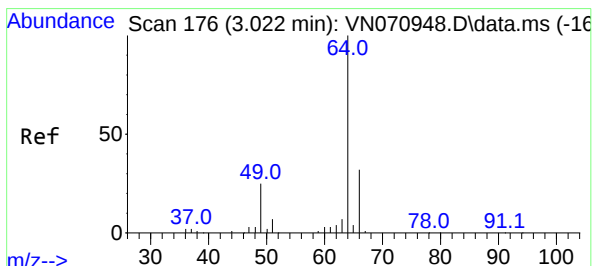
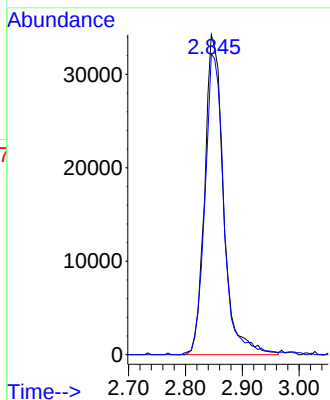
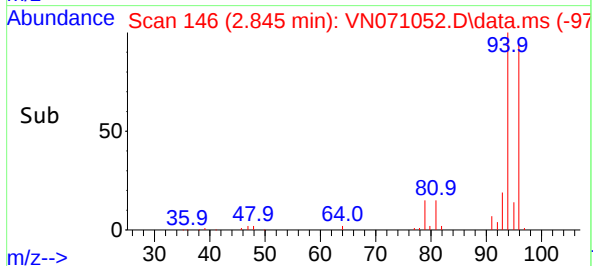
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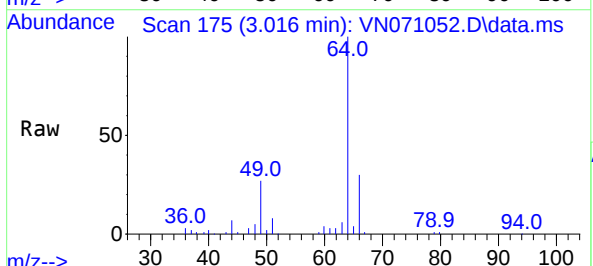
Tgt Ion: 94 Resp: 78452
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8

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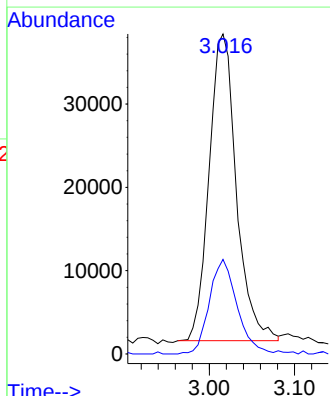
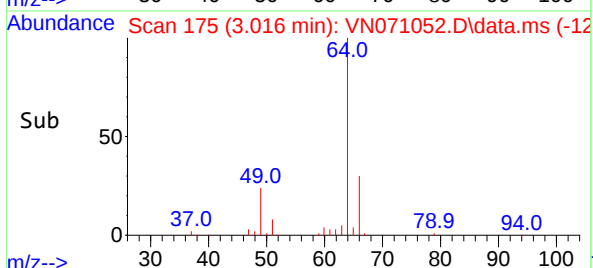
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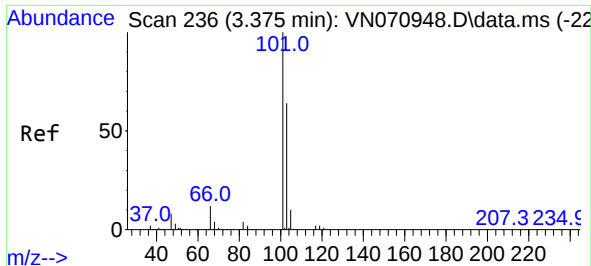


#6
Chloroethane
Concen: 16.720 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



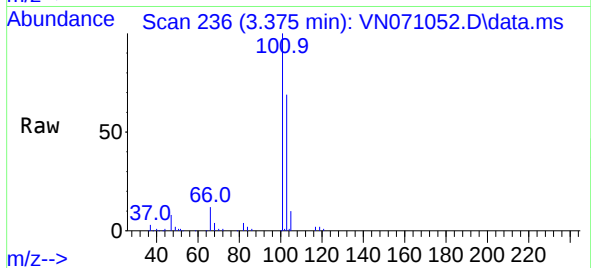
Tgt Ion: 64 Resp: 81889
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.375 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071052.D
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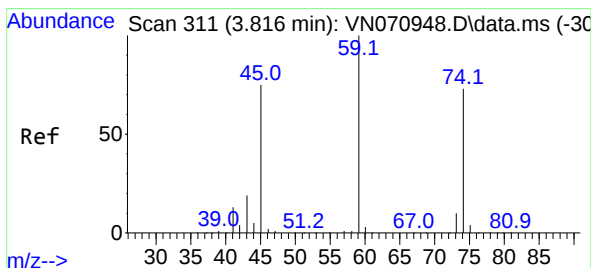
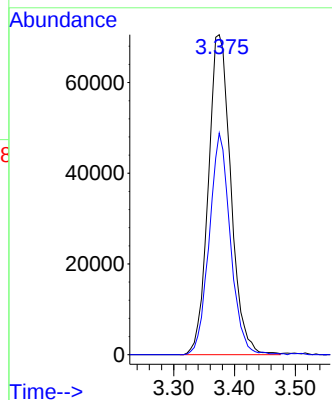
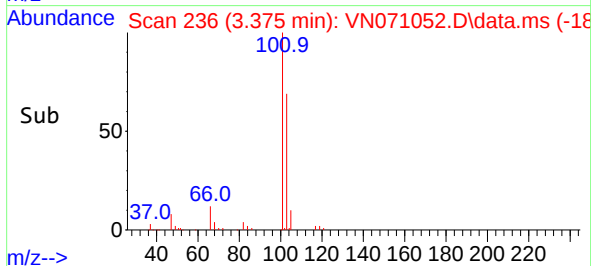
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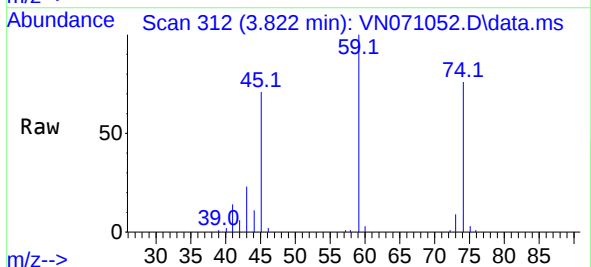
Tgt Ion:101 Resp: 181268
Ion Ratio Lower Upper
101 100
103 69.2 50.1 75.1

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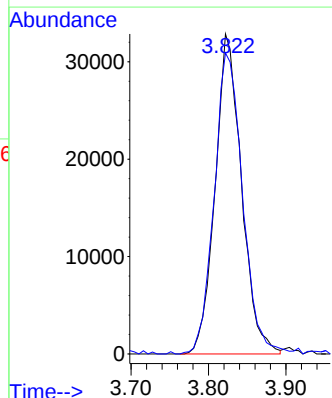
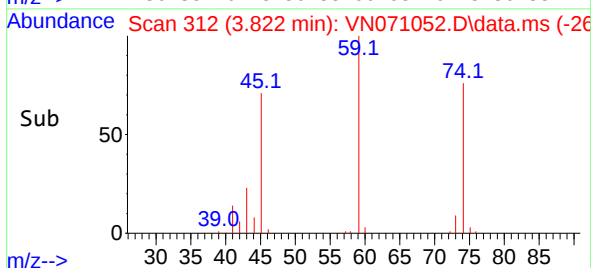
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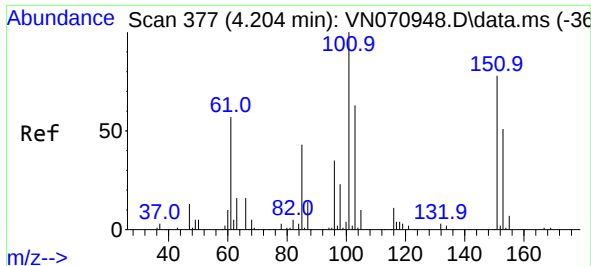


#8
Diethyl Ether
Concen: 19.113 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
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Acq: 24 Feb 2022 13:56



Tgt Ion: 74 Resp: 77735
Ion Ratio Lower Upper
74 100
45 101.7 47.0 141.2





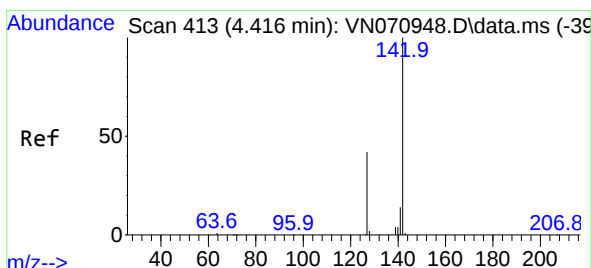
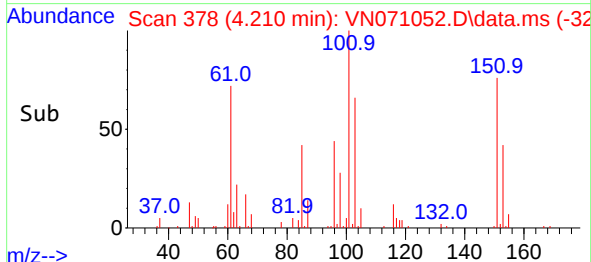
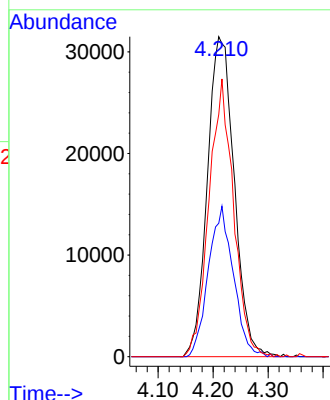
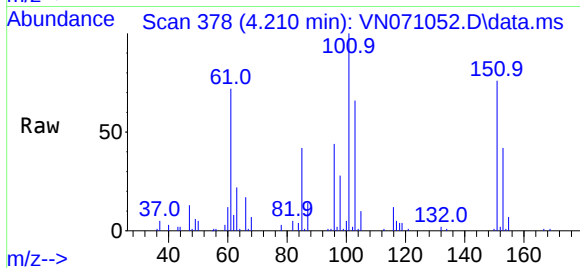
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.646 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:101 Resp: 107030
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 79.5 65.9 98.9

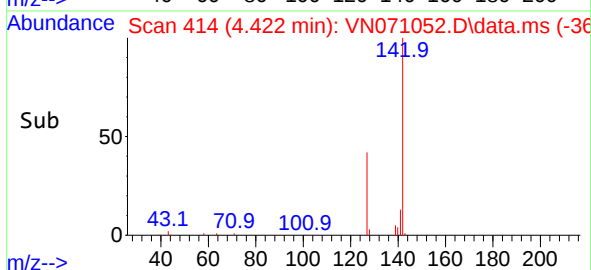
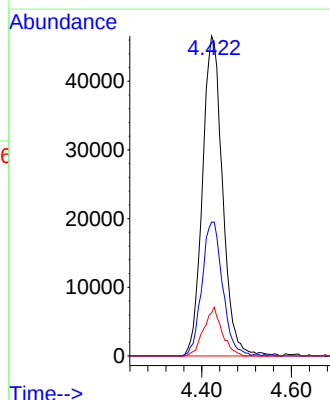
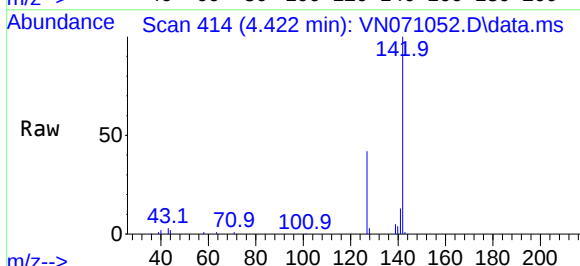
Manual Integrations
APPROVED

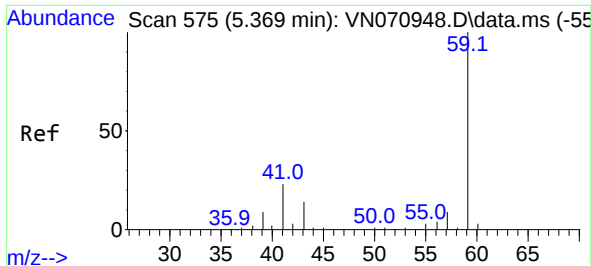
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#10
Methyl Iodide
Concen: 18.267 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Tgt Ion:142 Resp: 145218
Ion Ratio Lower Upper
142 100
127 43.0 35.4 53.0
141 13.9 11.6 17.4





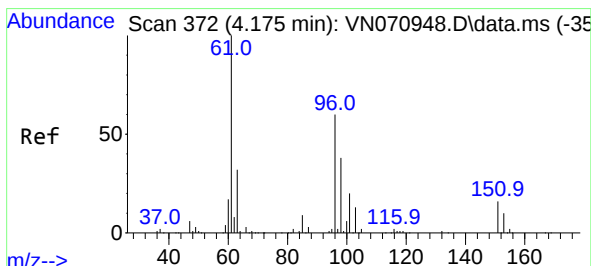
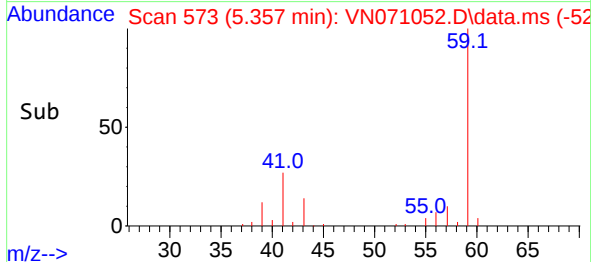
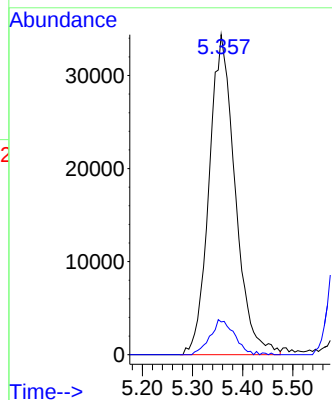
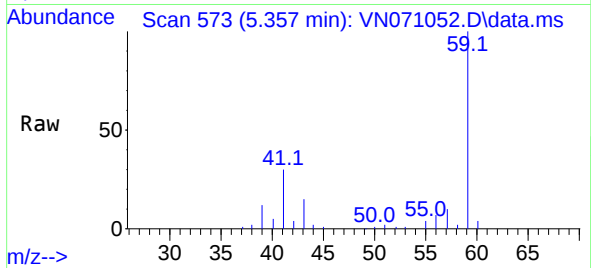
#11
Tert butyl alcohol
Concen: 104.564 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 59 Resp: 12435
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

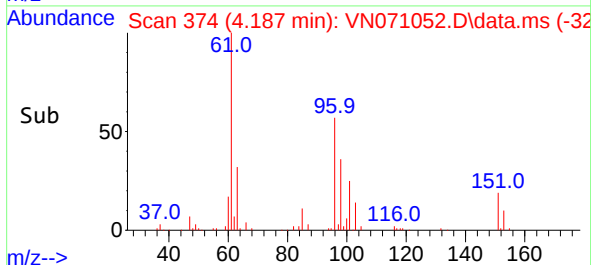
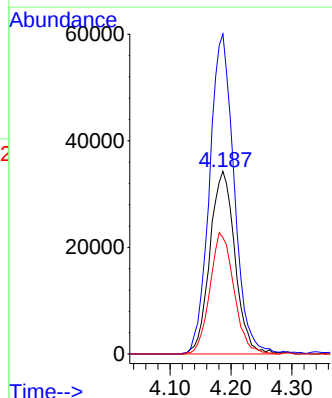
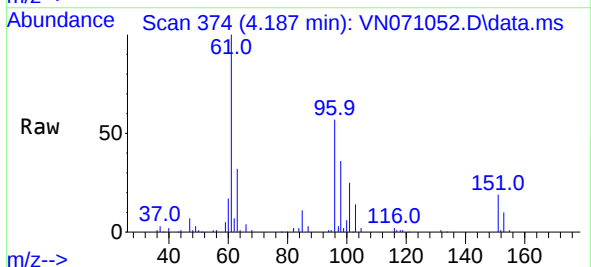
Manual Integrations
APPROVED

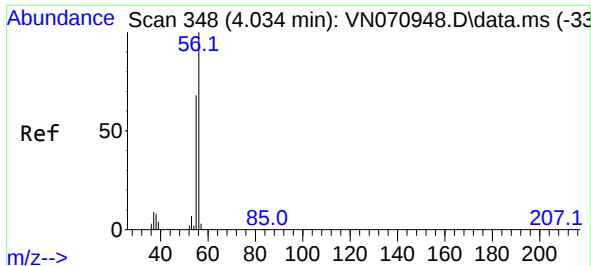
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#12
1,1-Dichloroethene
Concen: 17.560 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

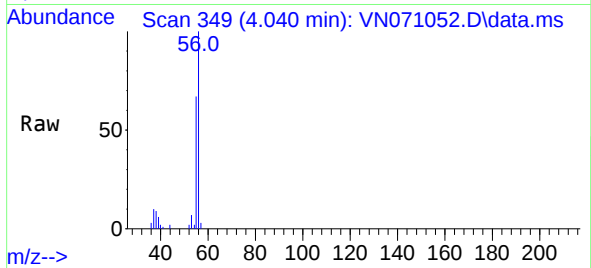
Tgt Ion: 96 Resp: 98208
Ion Ratio Lower Upper
96 100
61 175.3 131.0 196.6
98 63.7 52.4 78.6





#13
Acrolein
Concen: 102.020 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

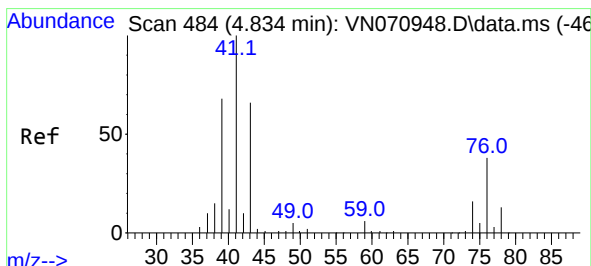
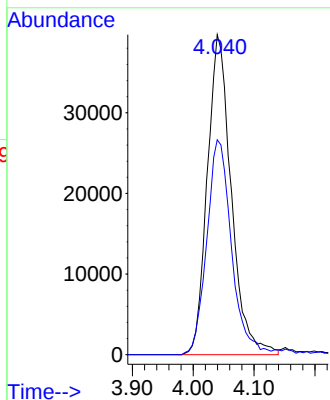
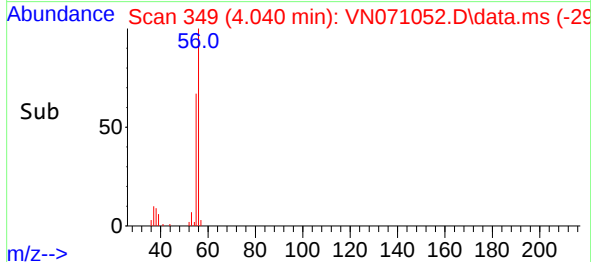
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



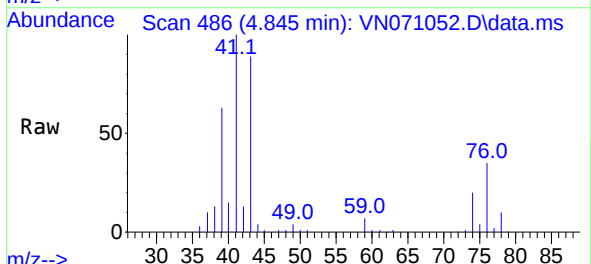
Tgt Ion: 56 Resp: 10841
Ion Ratio Lower Upper
56 100
55 69.2 56.6 85.0

Manual Integrations
APPROVED

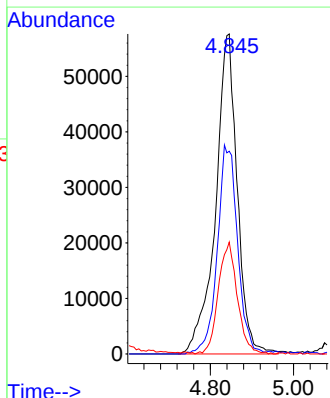
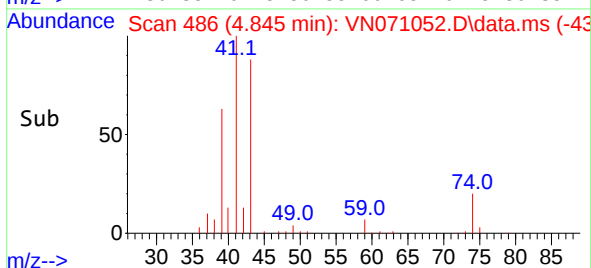
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

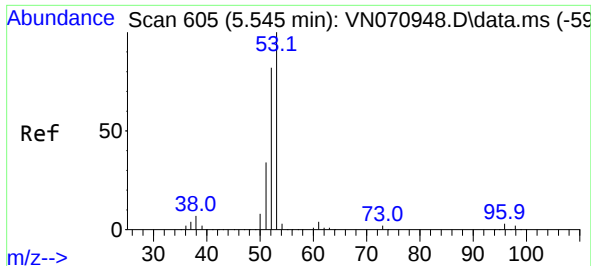


#14
Allyl chloride
Concen: 19.572 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



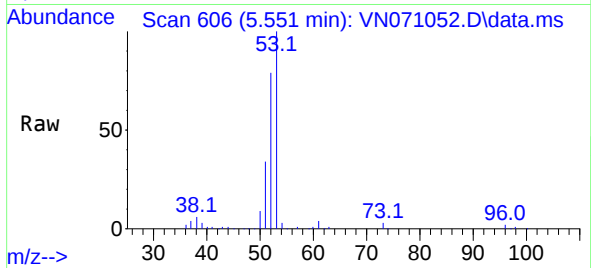
Tgt Ion: 41 Resp: 208750
Ion Ratio Lower Upper
41 100
39 60.9 61.2 91.8#
76 30.6 26.0 39.0





#15
Acrylonitrile
Concen: 113.856 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

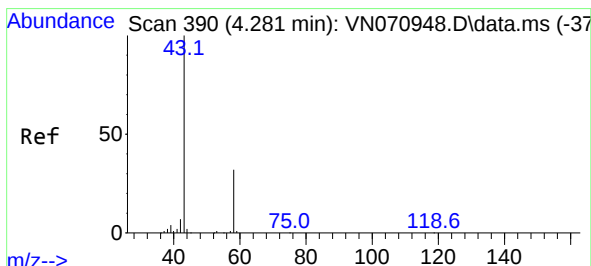
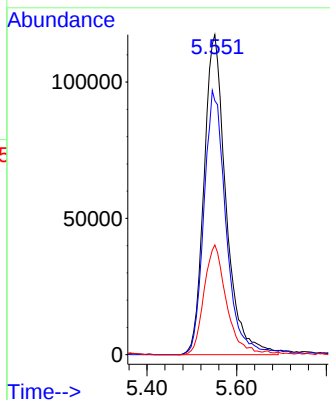
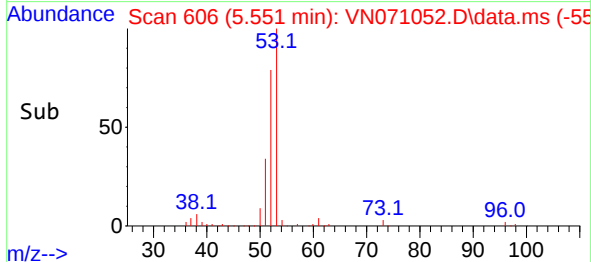
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 53 Resp: 398828
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 34.9 29.6 44.4

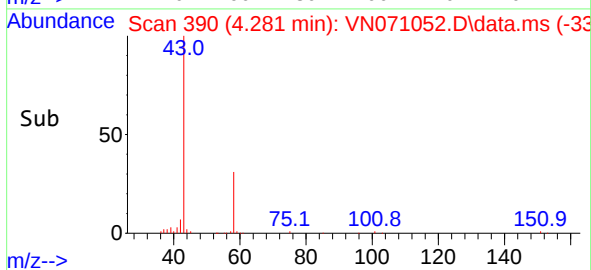
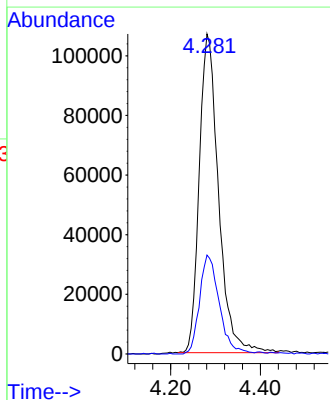
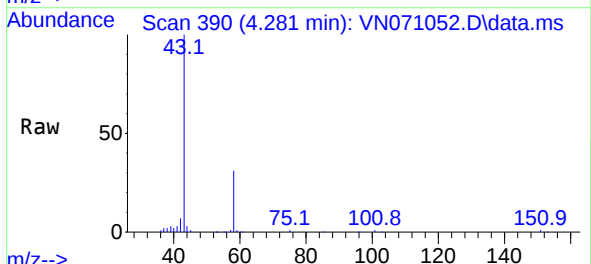
Manual Integrations
APPROVED

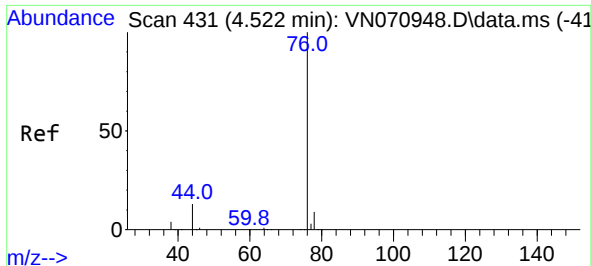
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#16
Acetone
Concen: 88.845 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

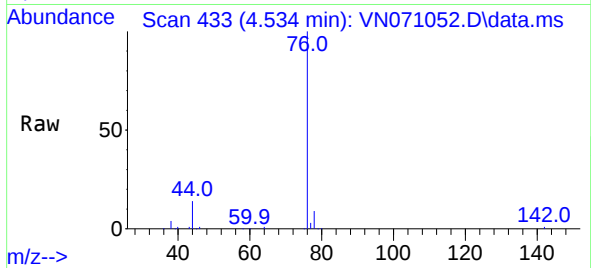
Tgt Ion: 43 Resp: 319283
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7





#17
Carbon Disulfide
Concen: 15.258 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

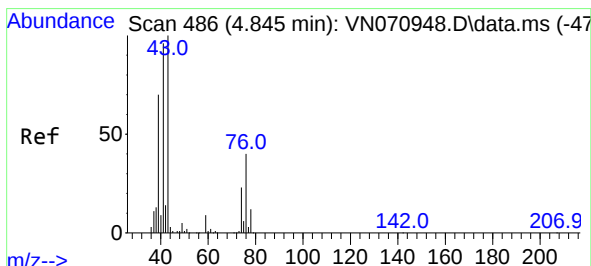
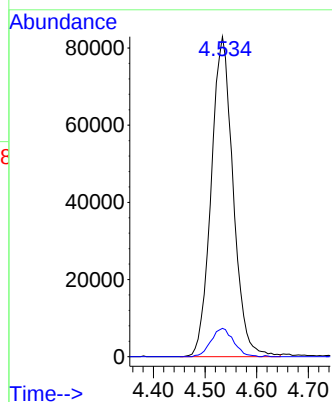
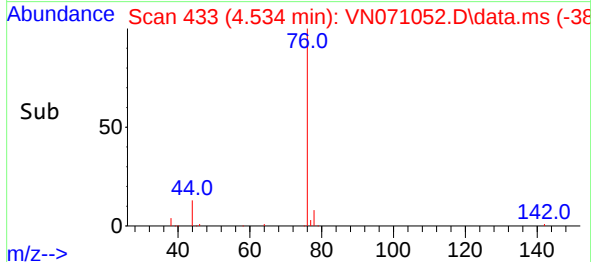
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



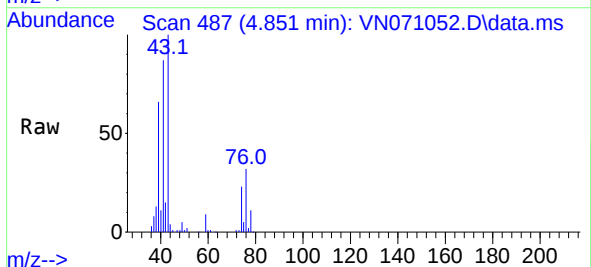
Tgt Ion: 76 Resp: 244709
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

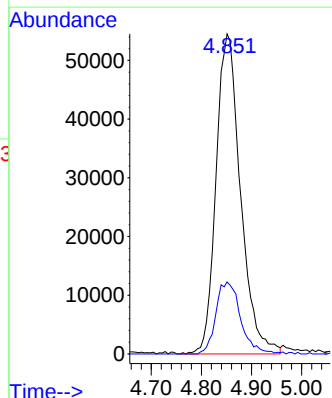
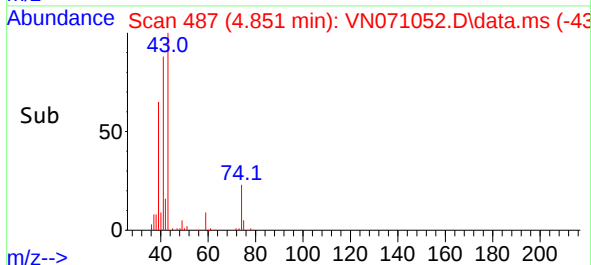
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

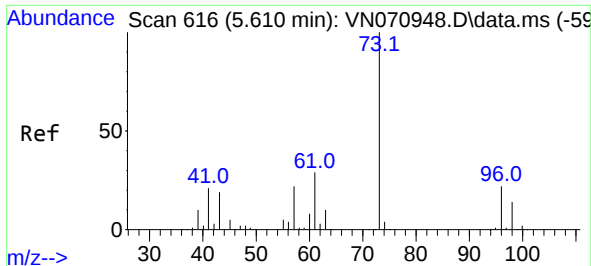


#18
Methyl Acetate
Concen: 23.177 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion: 43 Resp: 184918
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2





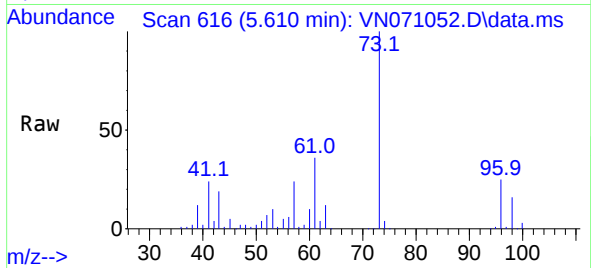
#19
Methyl tert-butyl Ether
Concen: 20.497 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

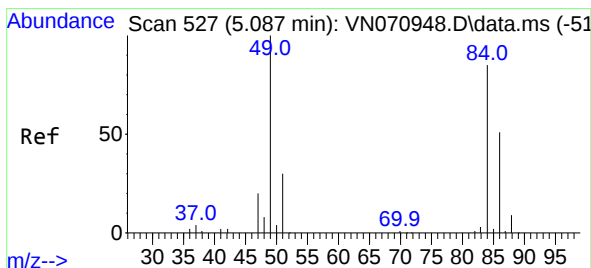
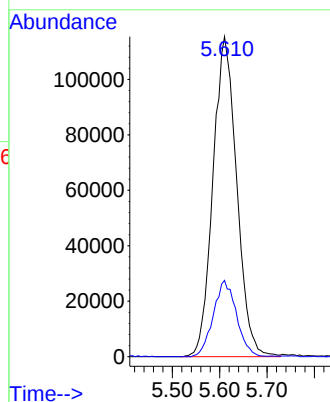


Tgt Ion: 73 Resp: 40211
Ion Ratio Lower Upper
73 100
57 23.8 16.8 25.2

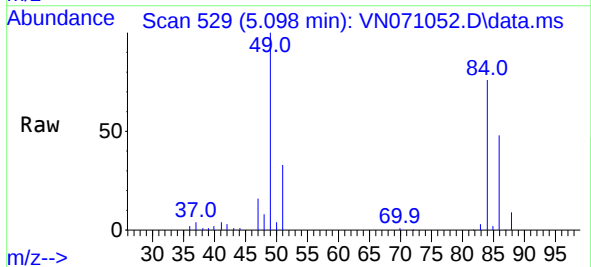
Manual Integrations

APPROVED

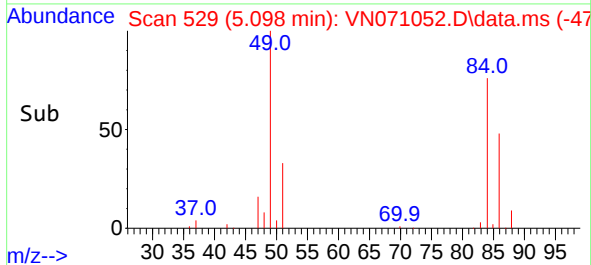
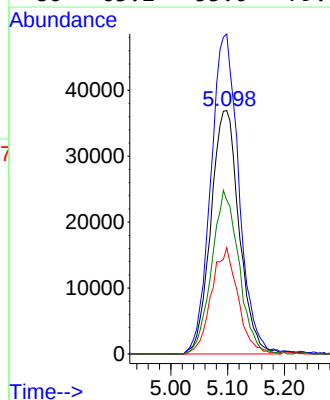
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

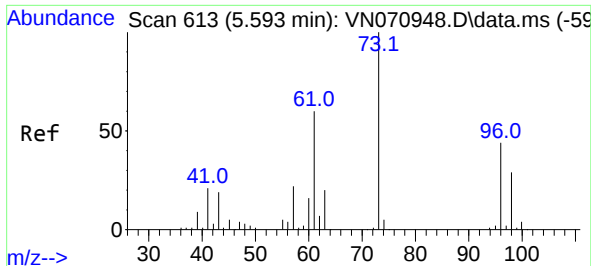


#20
Methylene Chloride
Concen: 19.549 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



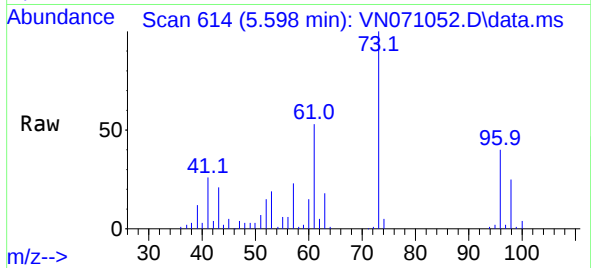
Tgt Ion: 84 Resp: 127677
Ion Ratio Lower Upper
84 100
49 131.4 93.5 140.3
51 43.6 29.4 44.2
86 63.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.194 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

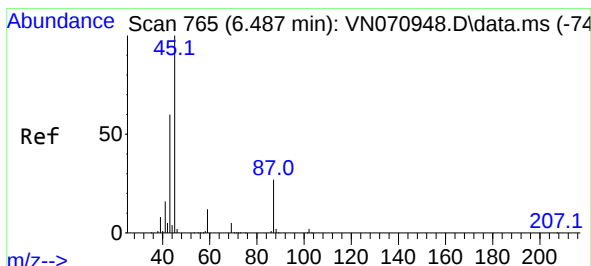
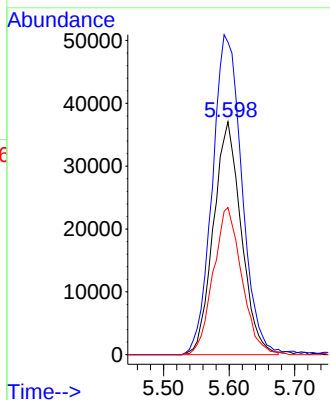
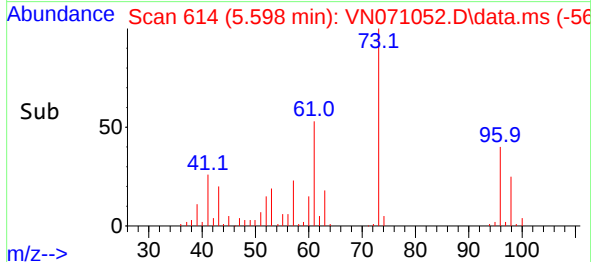
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



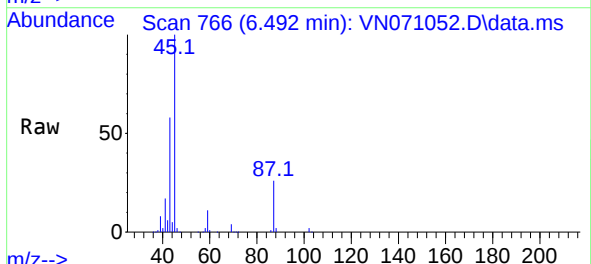
Tgt Ion: 96 Resp: 109210
Ion Ratio Lower Upper
96 100
61 134.2 105.8 158.6
98 63.1 52.0 78.0

Manual Integrations
APPROVED

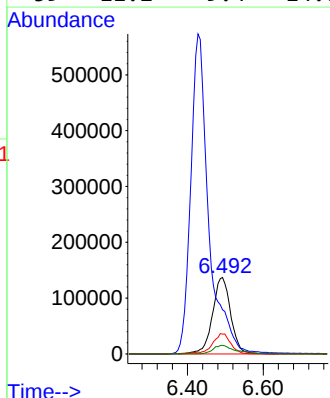
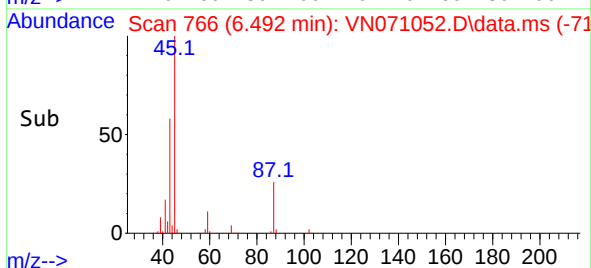
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

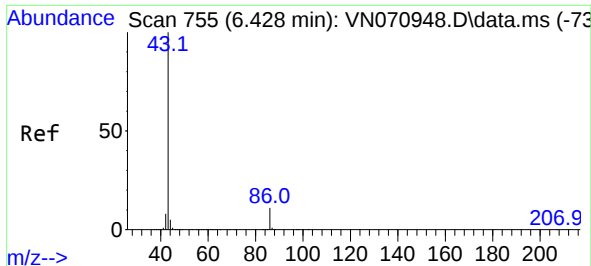


#22
Diisopropyl ether
Concen: 22.367 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



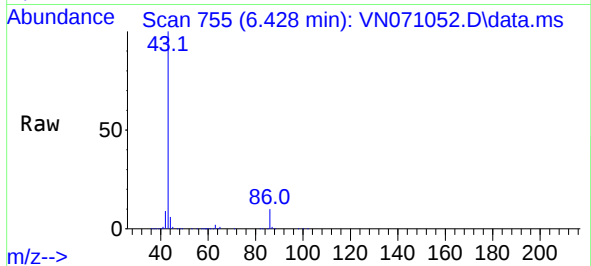
Tgt Ion: 45 Resp: 457549
Ion Ratio Lower Upper
45 100
43 56.3 51.7 77.5
87 25.9 23.2 34.8
59 11.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 109.774 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56

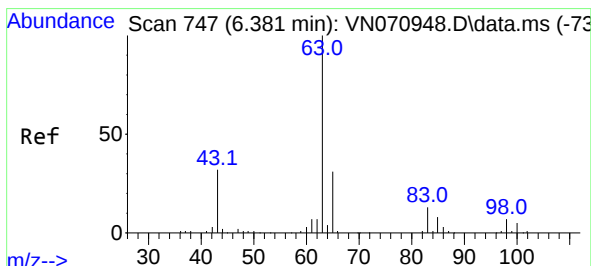
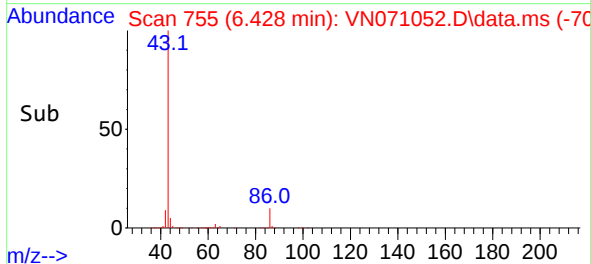
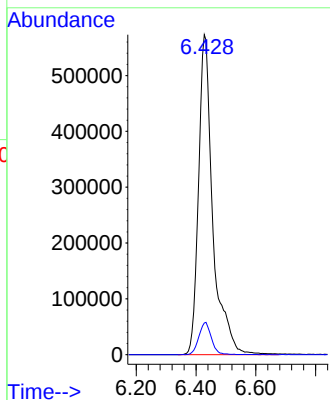
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01



Tgt Ion: 43 Resp: 190092
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

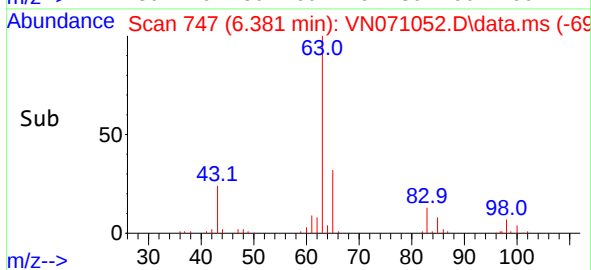
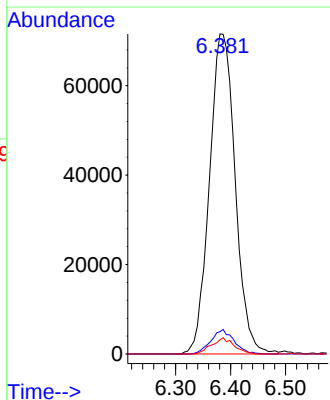
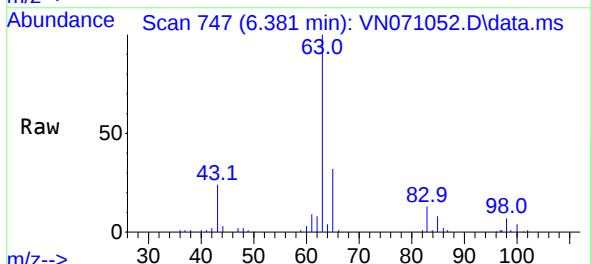
Manual Integrations
 APPROVED

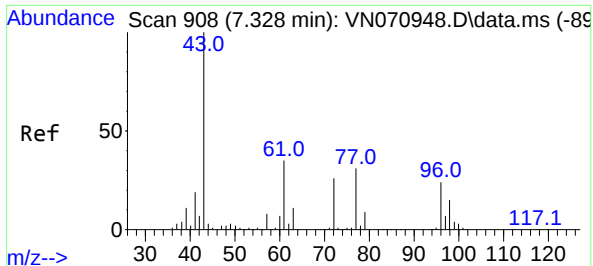
Reviewed By :John Carlone 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#24
 1,1-Dichloroethane
 Concen: 20.325 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56

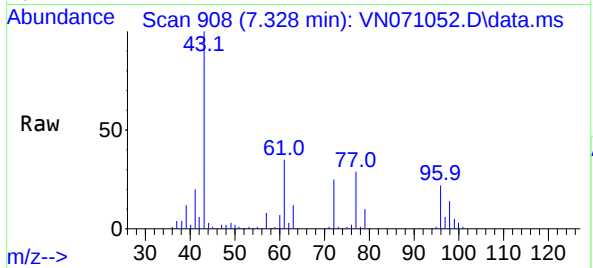
Tgt Ion: 63 Resp: 233075
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 110.353 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

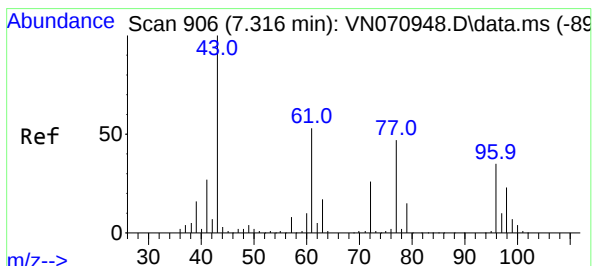
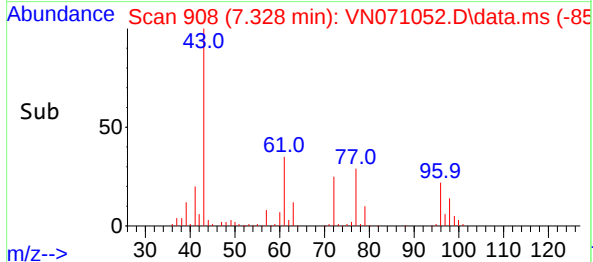
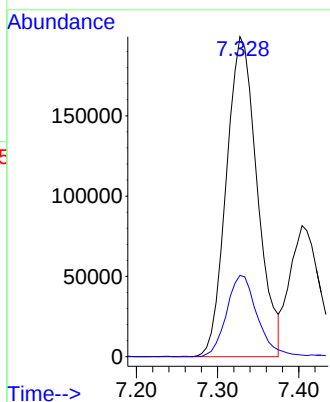
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 43 Resp: 52756
Ion Ratio Lower Upper
43 100
72 25.4 21.7 32.5

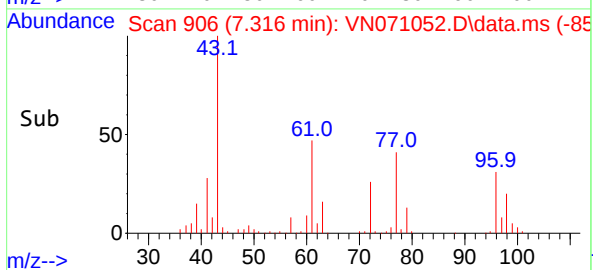
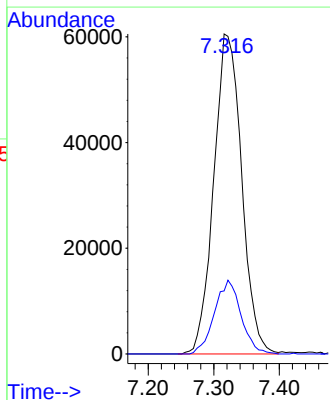
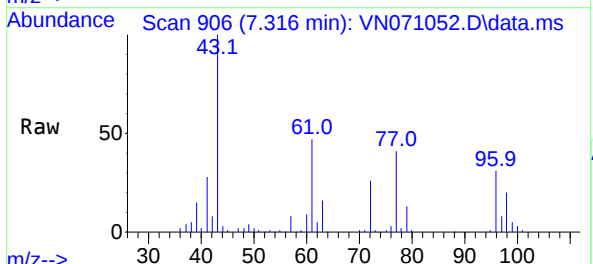
Manual Integrations
APPROVED

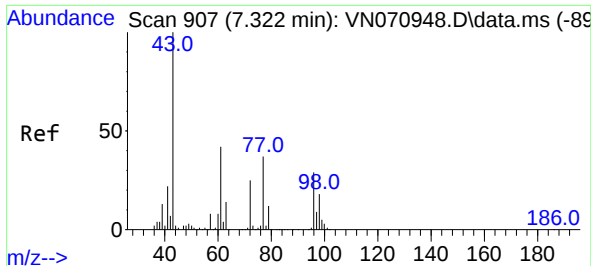
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#26
2,2-Dichloropropane
Concen: 18.755 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Tgt Ion: 77 Resp: 178742
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.567 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071052.D

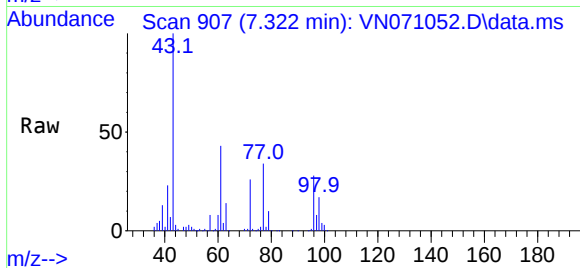
Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01



Tgt Ion: 96 Resp: 134990

Ion Ratio Lower Upper

96 100

61 150.9 0.0 275.0

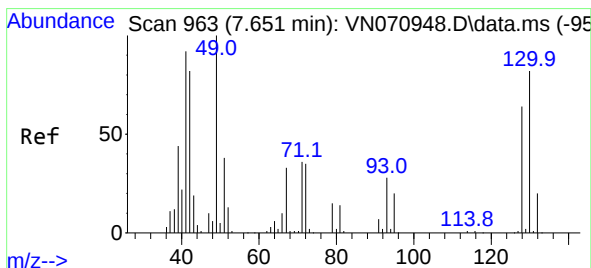
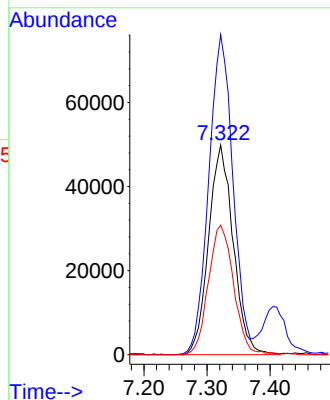
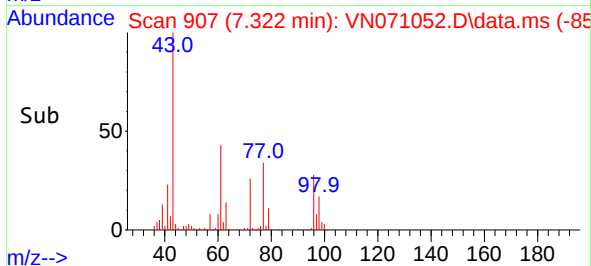
98 63.4 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#28

Bromochloromethane

Concen: 24.018 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.000 min

Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

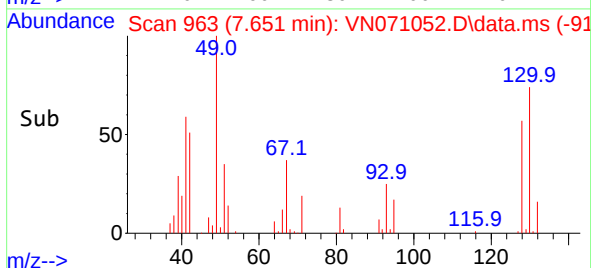
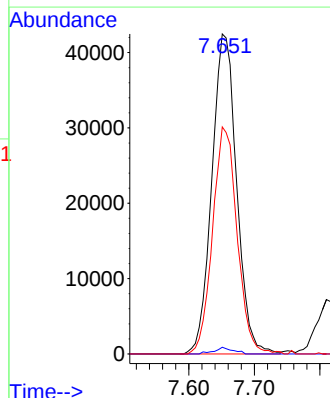
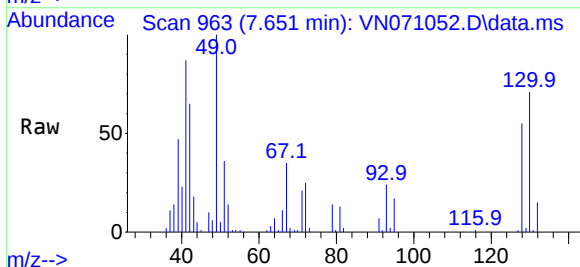
Tgt Ion: 49 Resp: 111474

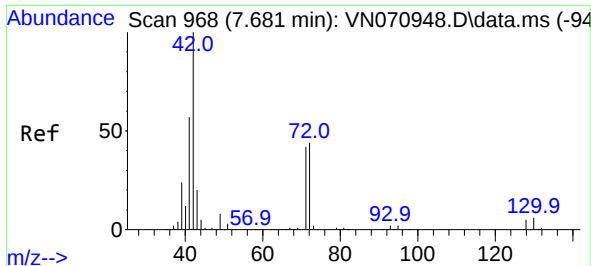
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

130 70.3 67.8 101.8





#29

Tetrahydrofuran

Concen: 116.385 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071052.D

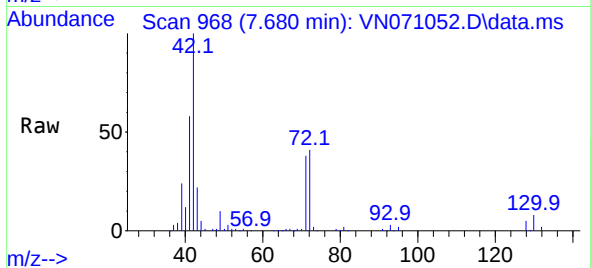
Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01



Tgt Ion: 42 Resp: 36044

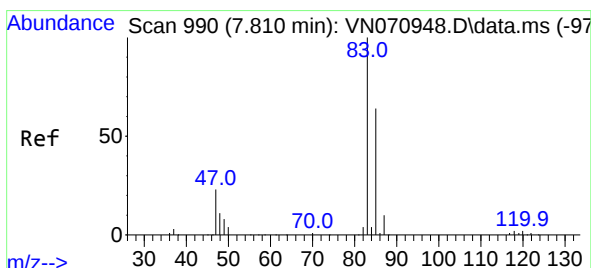
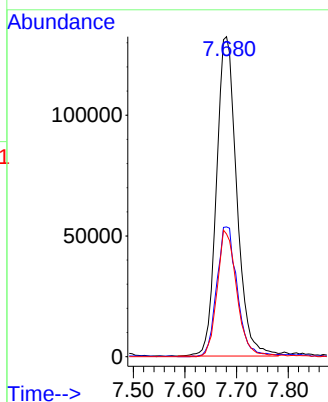
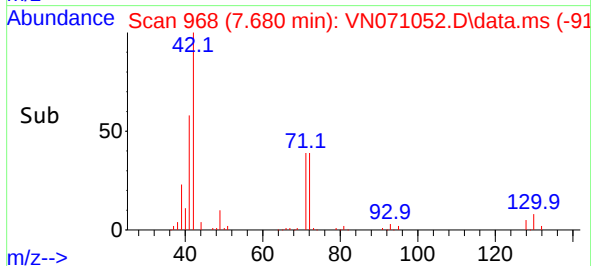
Ion	Ratio	Lower	Upper
42	100		
72	41.1	36.3	54.5
71	38.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#30

Chloroform

Concen: 20.164 ug/l

RT: 7.816 min Scan# 991

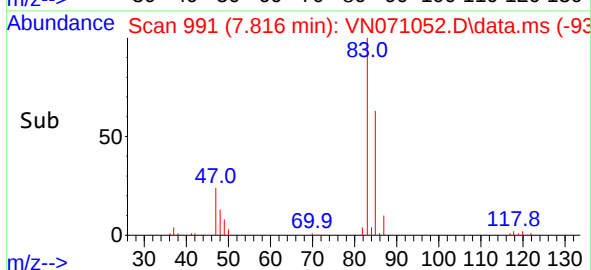
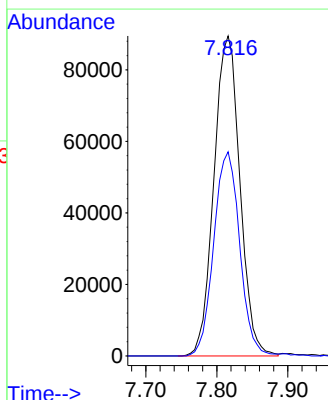
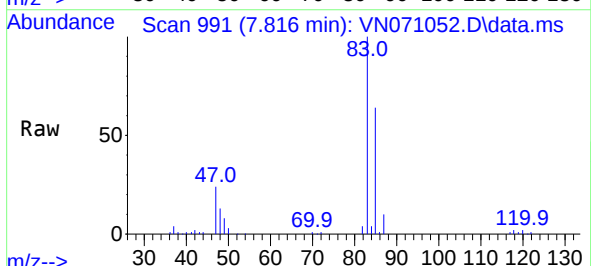
Delta R.T. 0.006 min

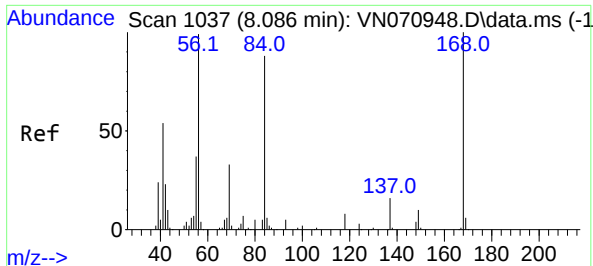
Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Tgt Ion: 83 Resp: 227426

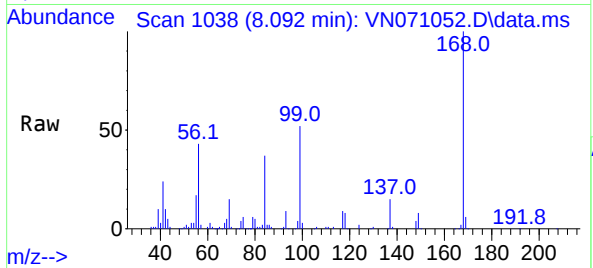
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9





#31
Cyclohexane
Concen: 19.340 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

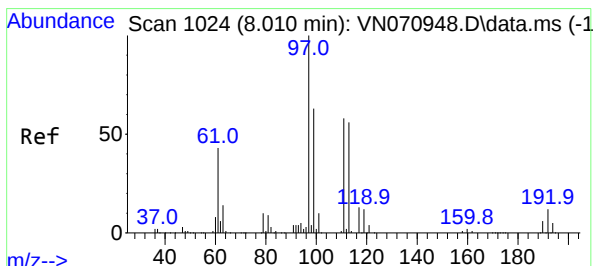
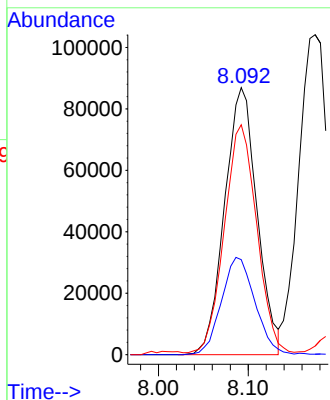
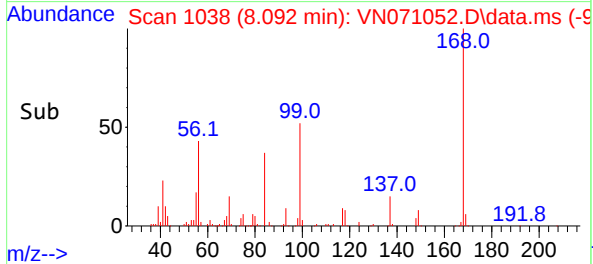
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



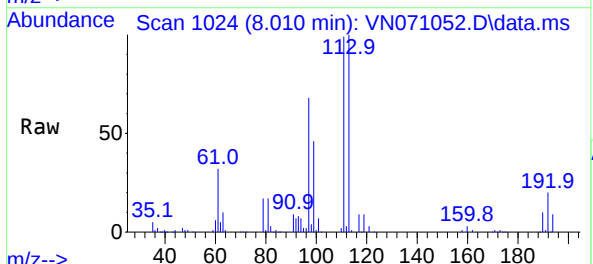
Tgt Ion: 56 Resp: 21825
Ion Ratio Lower Upper
56 100
69 35.6 27.1 40.7
84 85.0 73.4 110.0

Manual Integrations
APPROVED

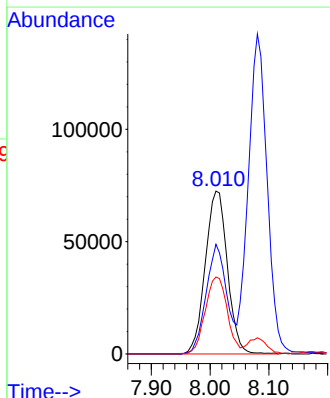
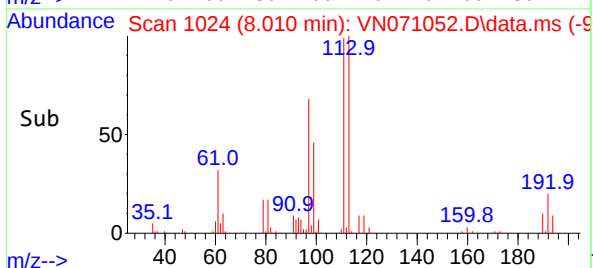
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

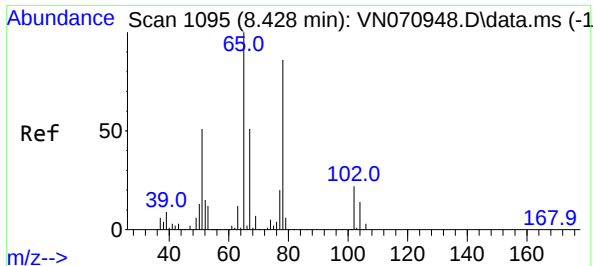


#32
1,1,1-Trichloroethane
Concen: 19.455 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



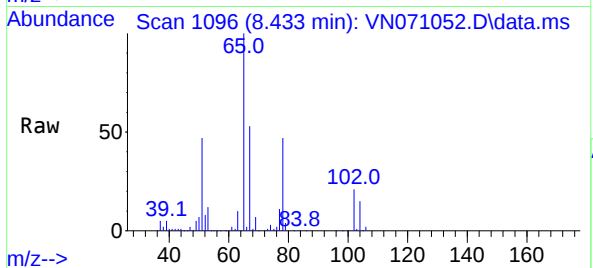
Tgt Ion: 97 Resp: 189496
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 47.0 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 55.064 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

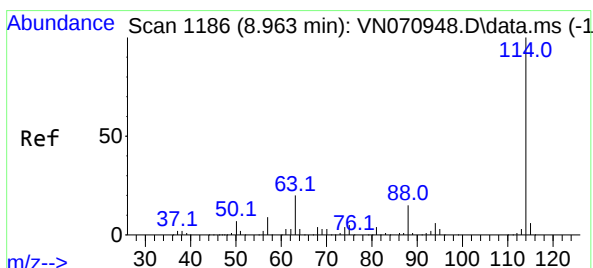
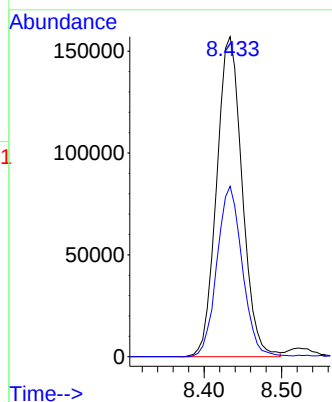
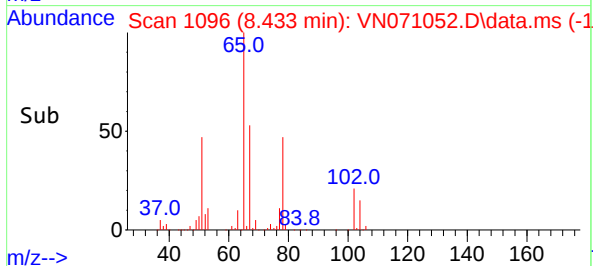
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



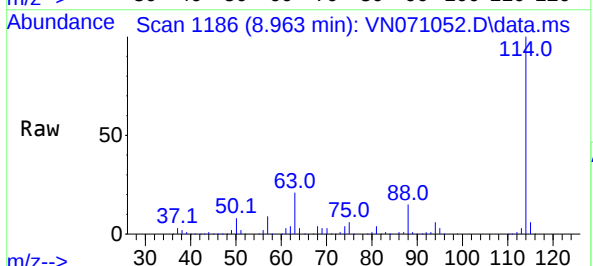
Tgt Ion: 65 Resp: 359320
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0

Manual Integrations
APPROVED

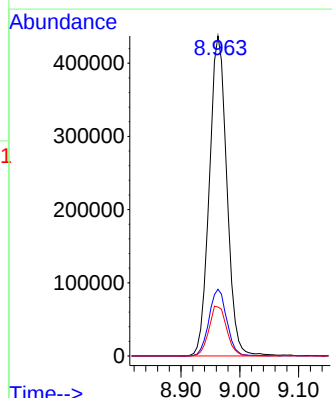
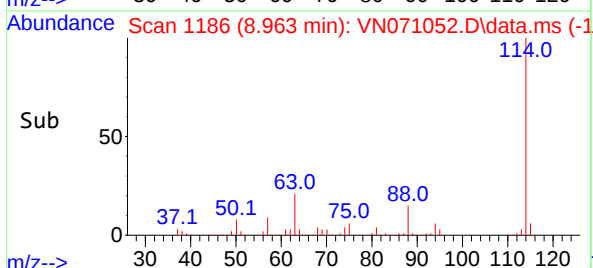
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

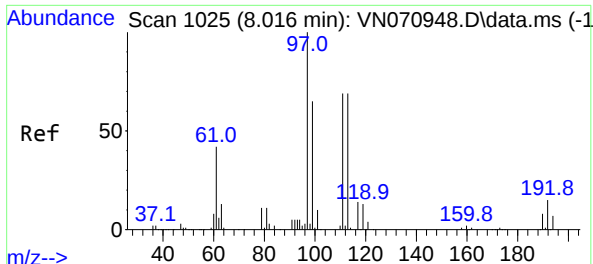


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



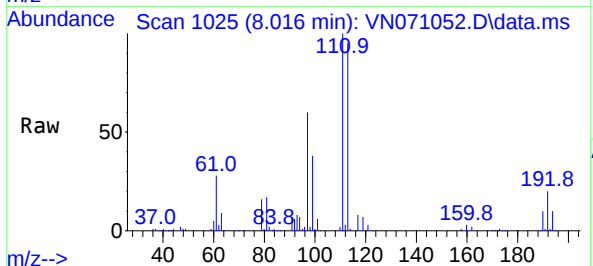
Tgt Ion:114 Resp: 903439
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.8
88 15.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.860 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

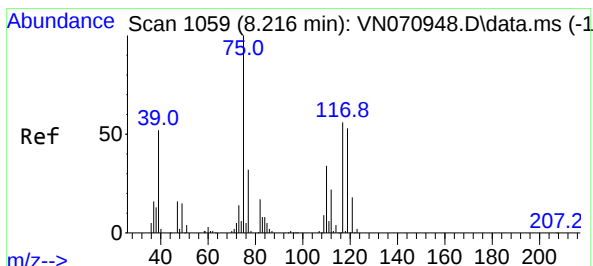
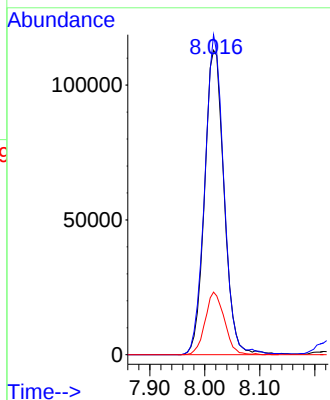
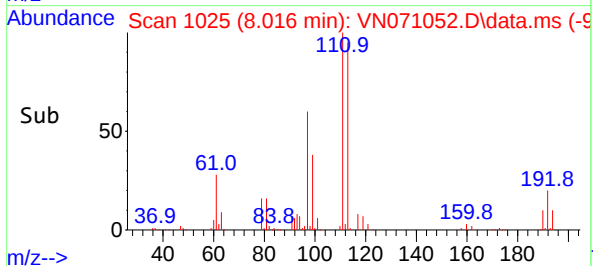
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



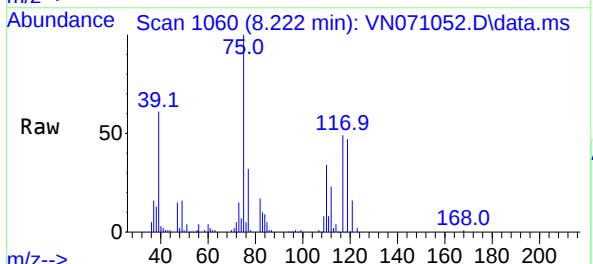
Tgt Ion: 113 Resp: 278679
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.2 16.9 25.3

Manual Integrations
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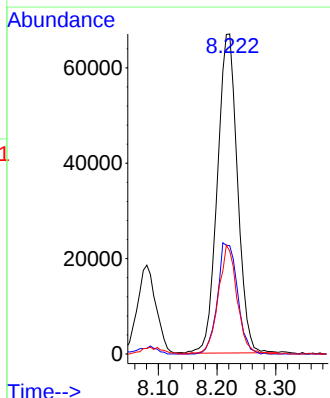
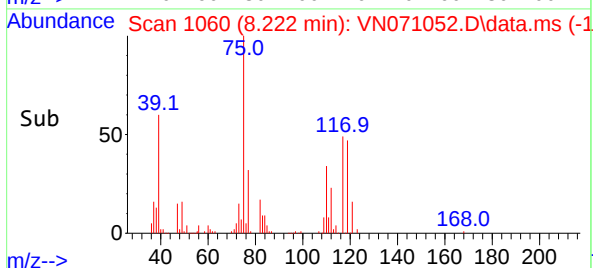
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

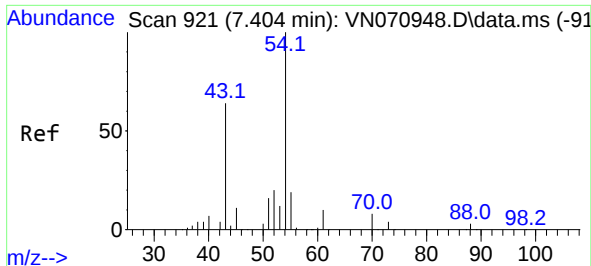


#36
1,1-Dichloropropene
Concen: 18.072 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



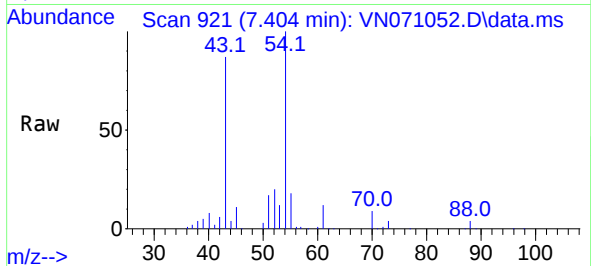
Tgt Ion: 75 Resp: 159104
Ion Ratio Lower Upper
75 100
110 34.5 18.4 55.2
77 31.7 24.4 36.6





#37
Ethyl Acetate
Concen: 23.181 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

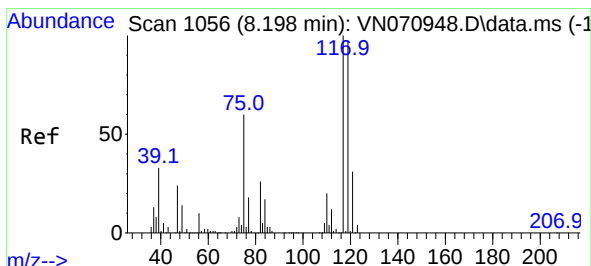
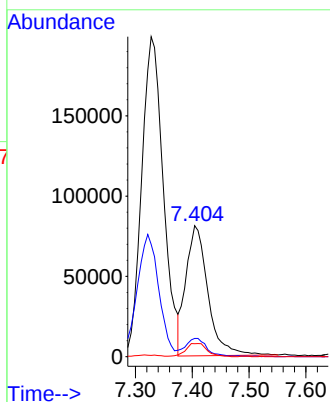
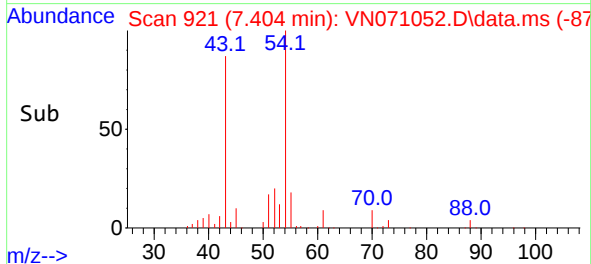
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



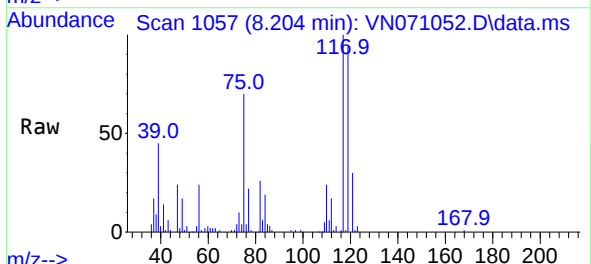
Tgt Ion: 43 Resp: 218874
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 9.8 7.9 11.9

Manual Integrations
APPROVED

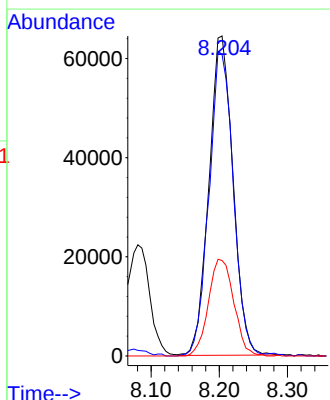
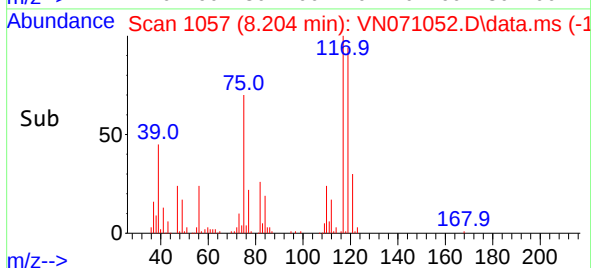
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

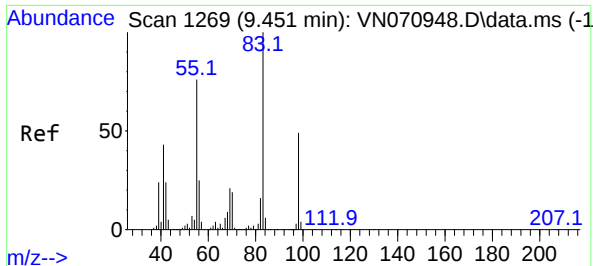


#38
Carbon Tetrachloride
Concen: 18.258 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion:117 Resp: 158379
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1
121 29.9 24.2 36.2





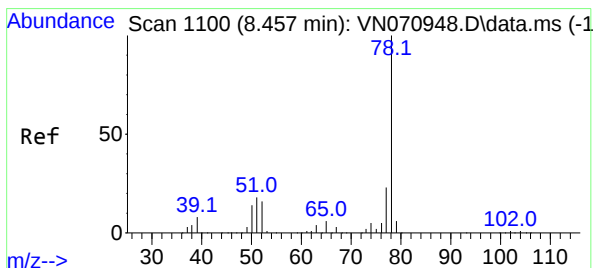
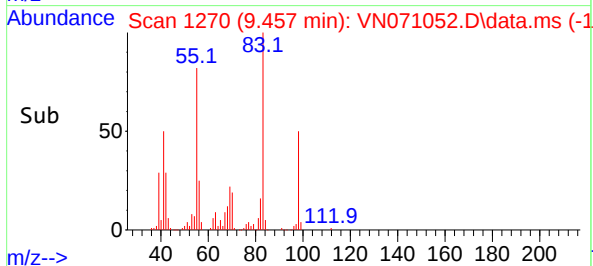
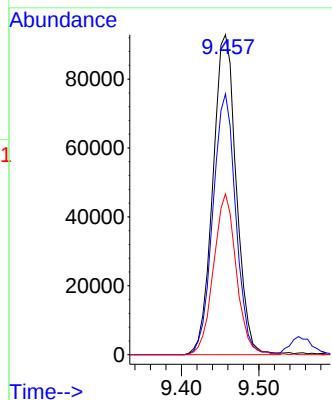
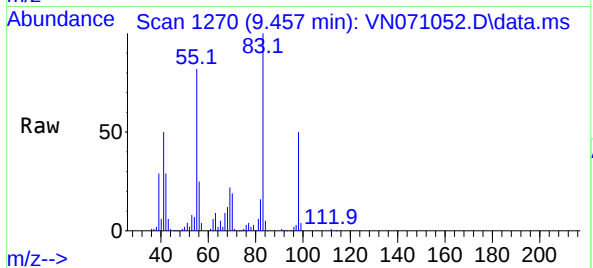
#39
Methylcyclohexane
Concen: 17.216 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 83 Resp: 19502
Ion Ratio Lower Upper
83 100
55 81.5 58.1 87.1
98 50.3 38.4 57.6

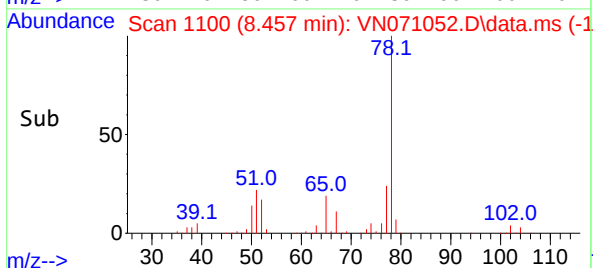
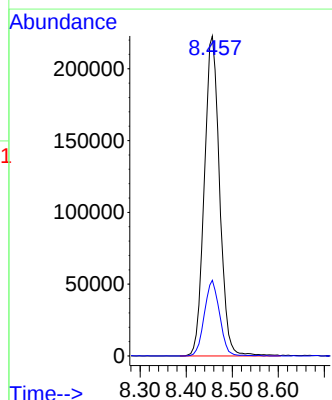
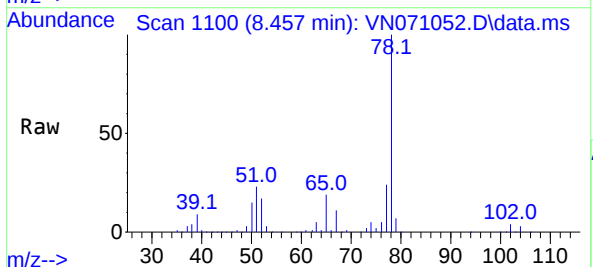
Manual Integrations
APPROVED

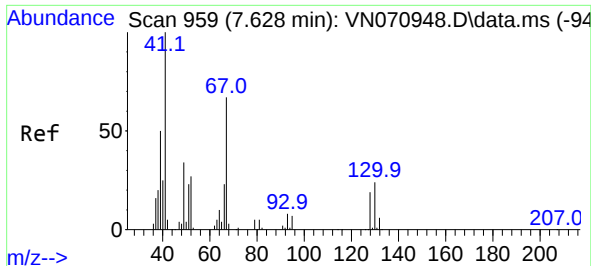
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#40
Benzene
Concen: 19.795 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

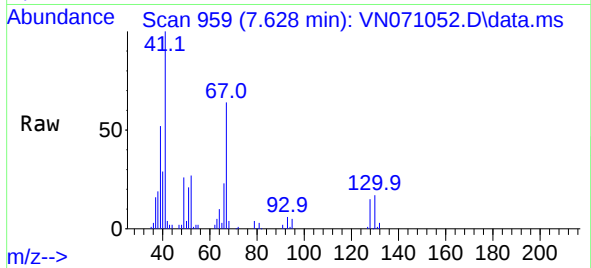
Tgt Ion: 78 Resp: 515497
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 23.366 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

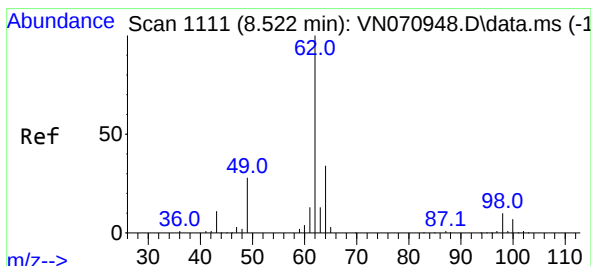
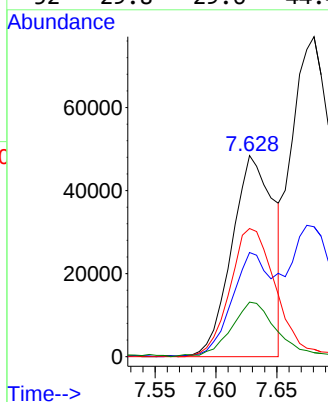
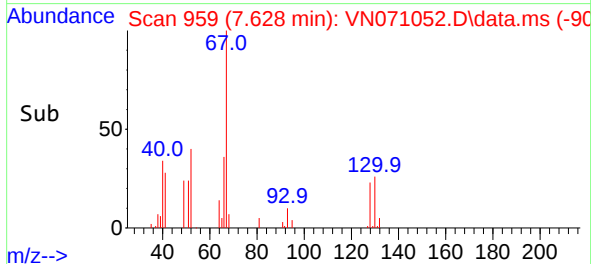
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



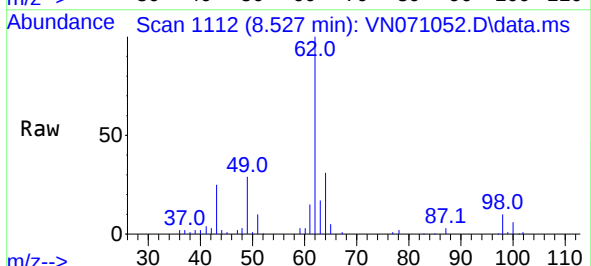
Tgt Ion: 41 Resp: 116190
Ion Ratio Lower Upper
41 100
39 45.6 48.1 72.1
67 70.7 68.3 102.5
52 29.8 29.6 44.4

Manual Integrations
APPROVED

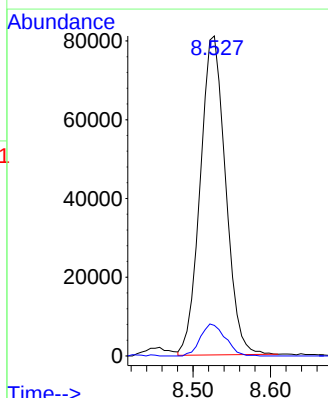
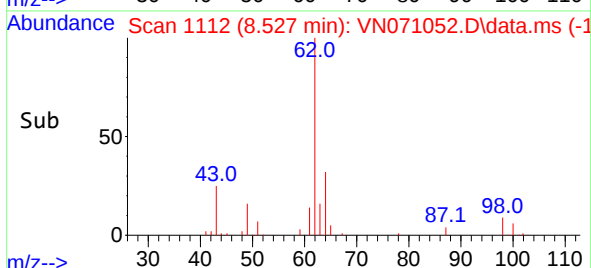
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

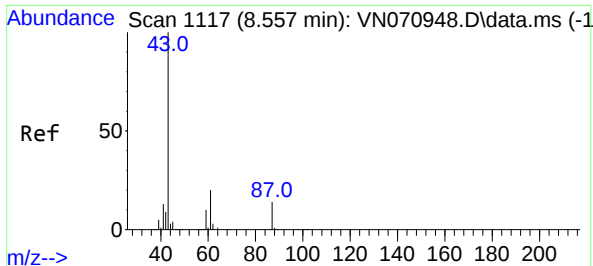


#42
1,2-Dichloroethane
Concen: 20.736 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion: 62 Resp: 183911
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6





#43

Isopropyl Acetate

Concen: 21.539 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 43 Resp: 32054

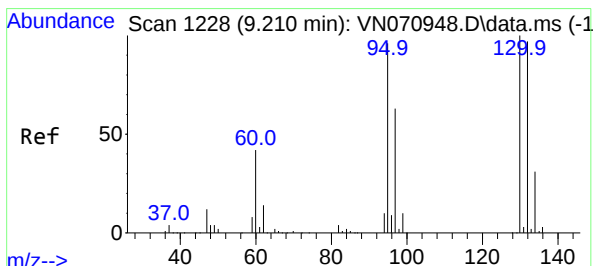
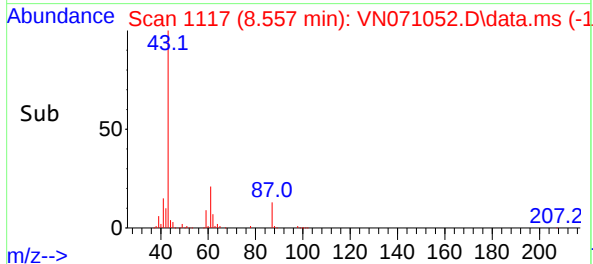
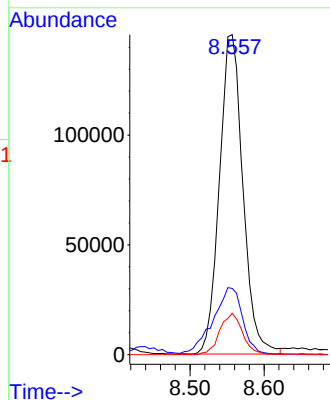
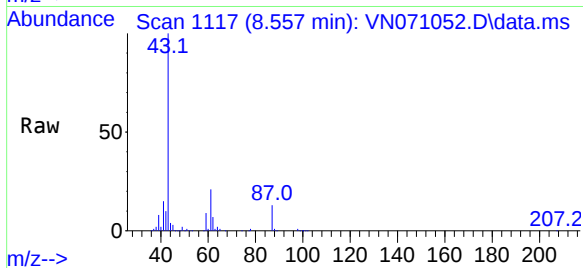
Ion	Ratio	Lower	Upper
43	100		
61	26.3	20.4	30.6
87	12.5	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#44

Trichloroethene

Concen: 17.855 ug/l

RT: 9.216 min Scan# 1229

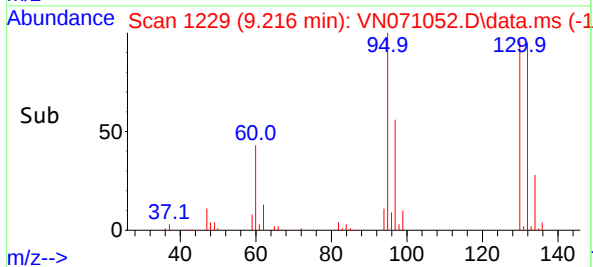
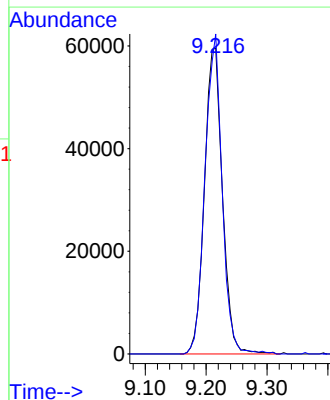
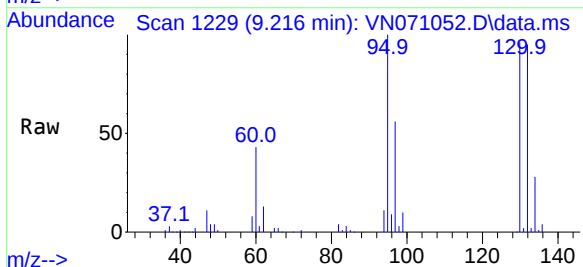
Delta R.T. 0.006 min

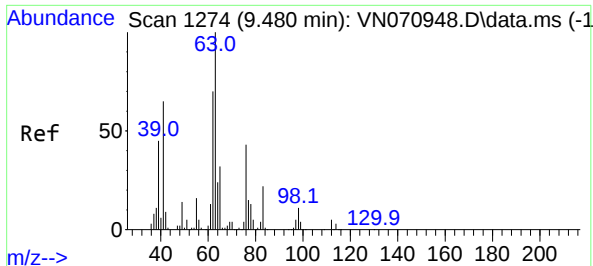
Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Tgt Ion:130 Resp: 122444

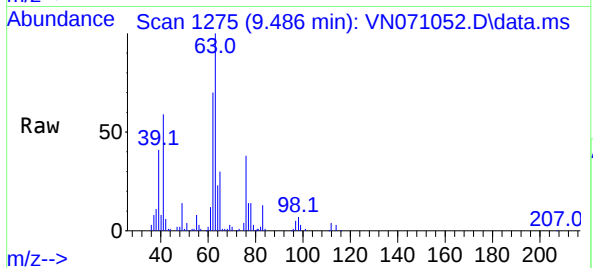
Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	191.2





#45
1,2-Dichloropropane
Concen: 21.384 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

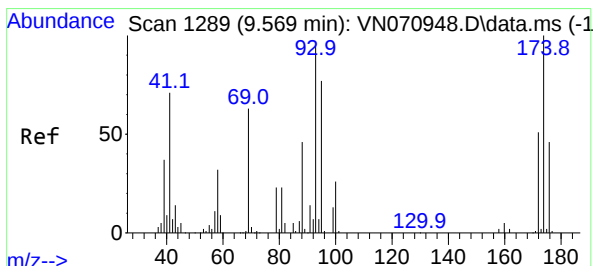
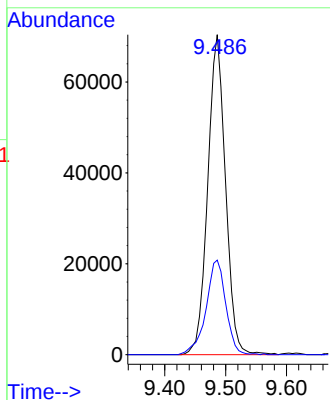
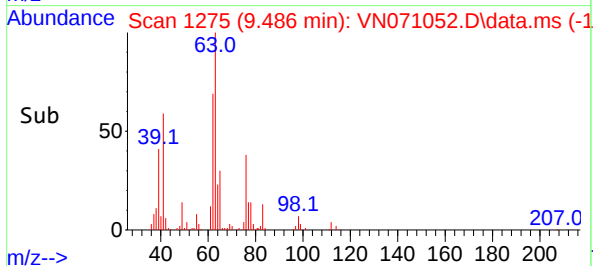
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



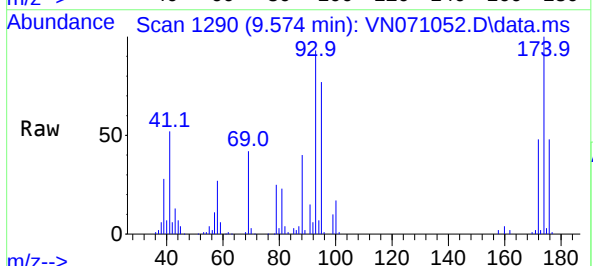
Tgt Ion: 63 Resp: 14264
Ion Ratio Lower Upper
63 100
65 29.5 24.7 37.1

Manual Integrations
APPROVED

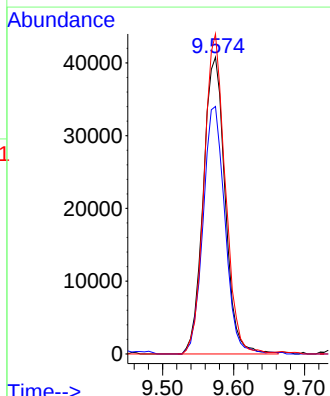
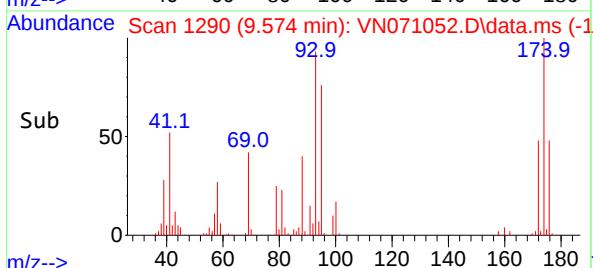
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

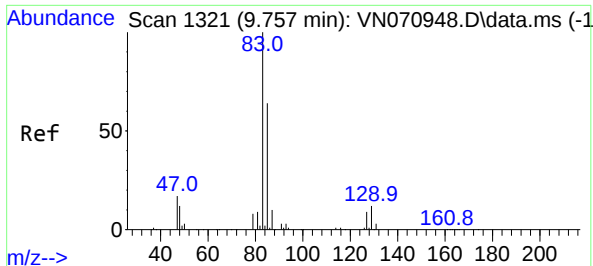


#46
Dibromomethane
Concen: 19.853 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion: 93 Resp: 87154
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 104.4 84.6 127.0





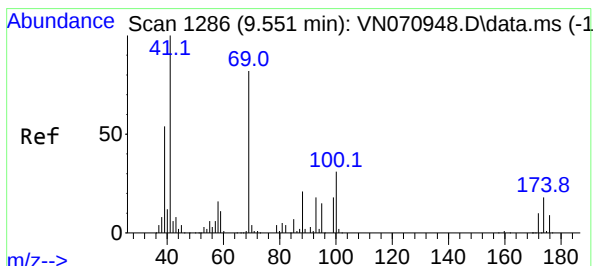
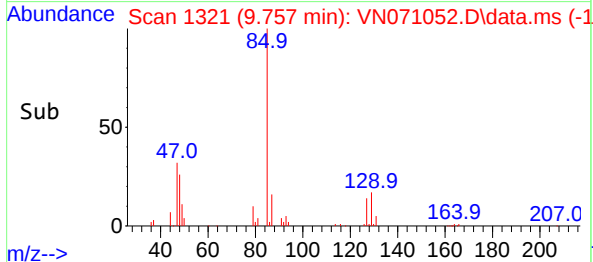
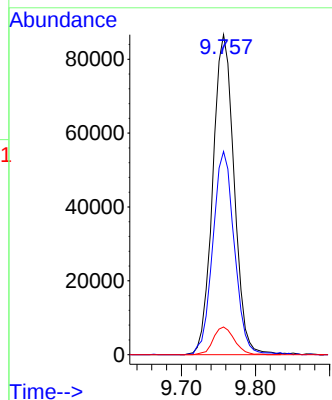
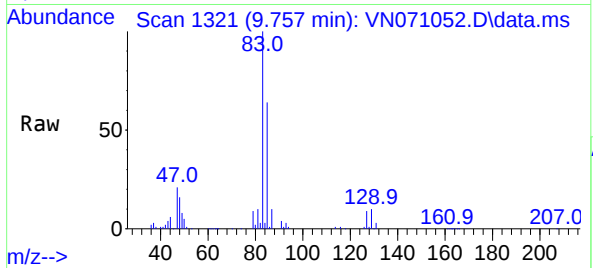
#47
Bromodichloromethane
Concen: 19.534 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 83 Resp: 17331
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.6 7.1 10.7

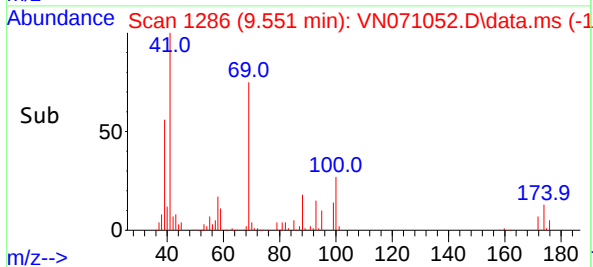
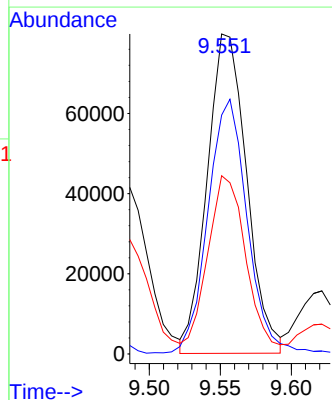
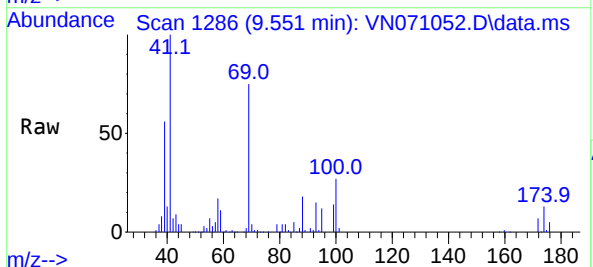
Manual Integrations
APPROVED

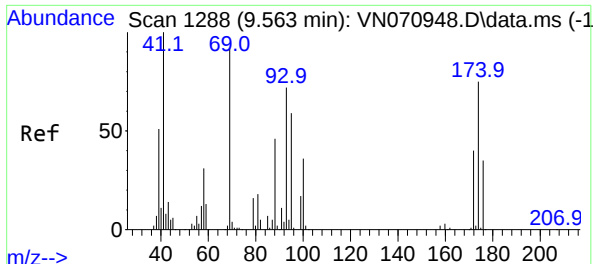
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#48
Methyl methacrylate
Concen: 21.883 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Tgt Ion: 41 Resp: 154154
Ion Ratio Lower Upper
41 100
69 80.6 72.4 108.6
39 54.0 58.4 87.6#





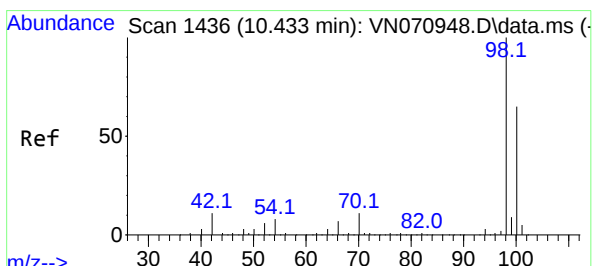
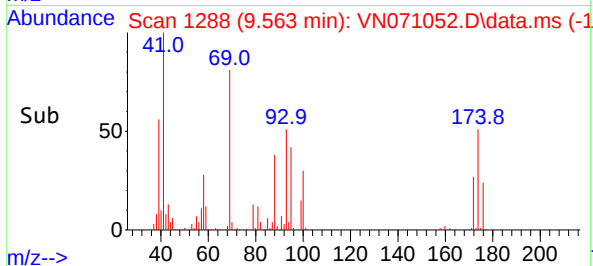
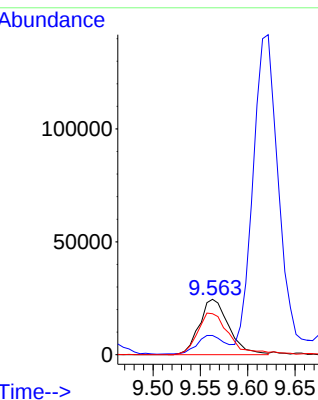
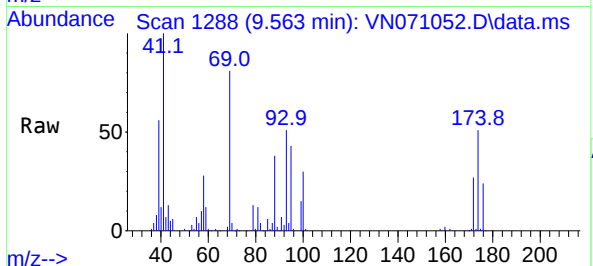
#49
1,4-Dioxane
Concen: 423.558 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 88 Resp: 52994
Ion Ratio Lower Upper
88 100
43 31.9 23.4 35.2
58 81.6 50.6 75.8

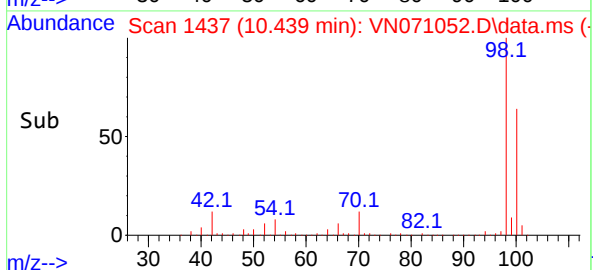
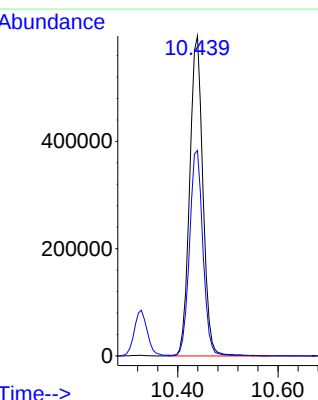
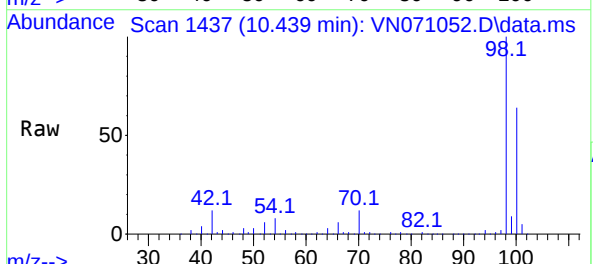
Manual Integrations
APPROVED

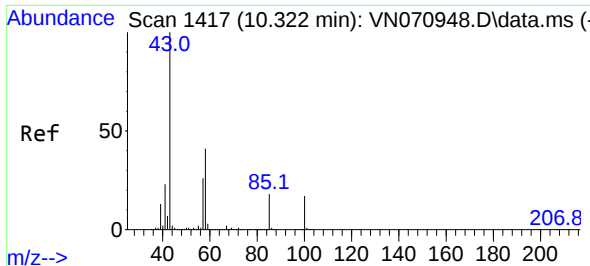
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#50
Toluene-d8
Concen: 50.535 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

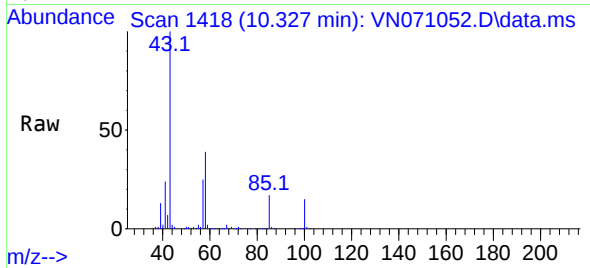
Tgt Ion: 98 Resp: 1090557
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 115.276 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

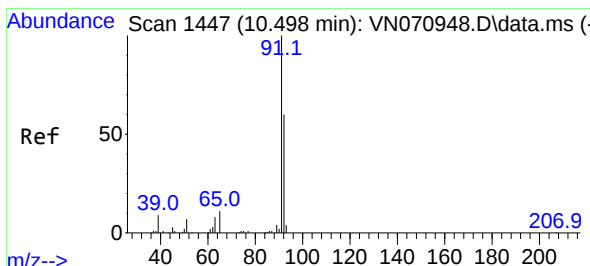
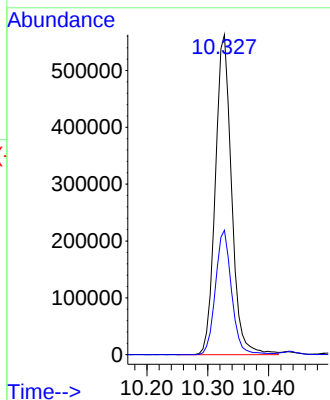
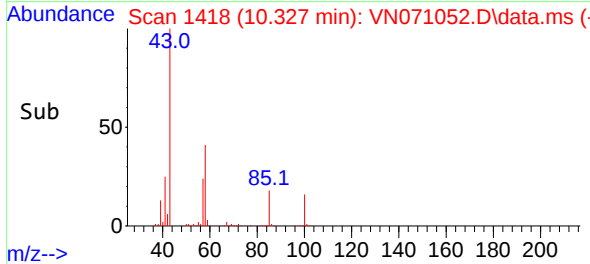
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 43 Resp: 104380
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

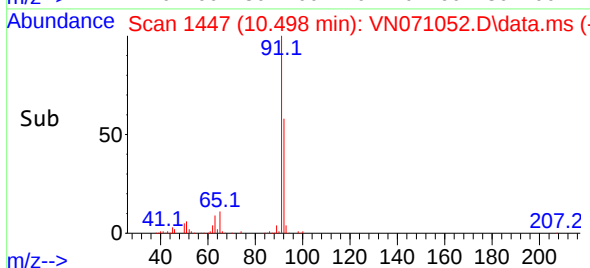
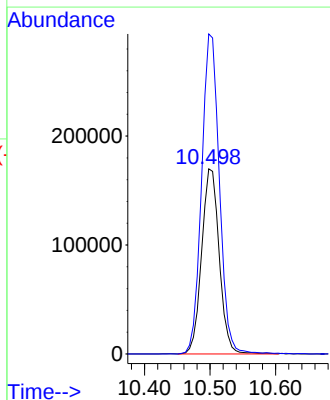
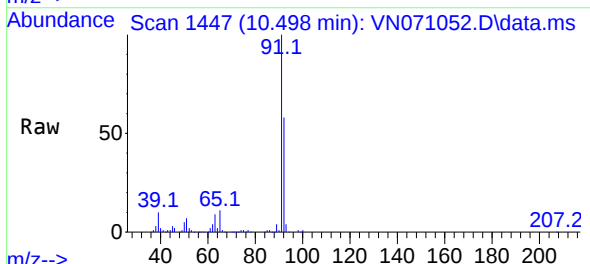
Manual Integrations
APPROVED

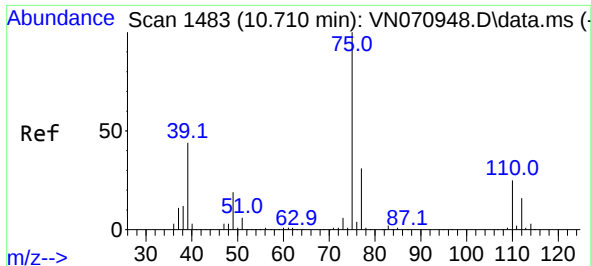
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#52
Toluene
Concen: 19.436 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

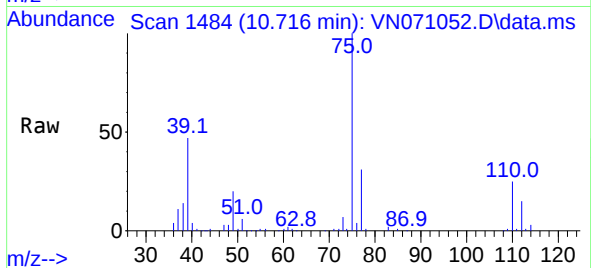
Tgt Ion: 92 Resp: 318050
Ion Ratio Lower Upper
92 100
91 174.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.150 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

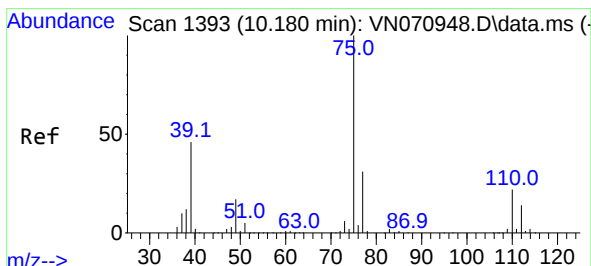
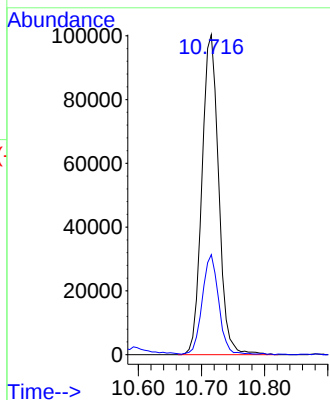
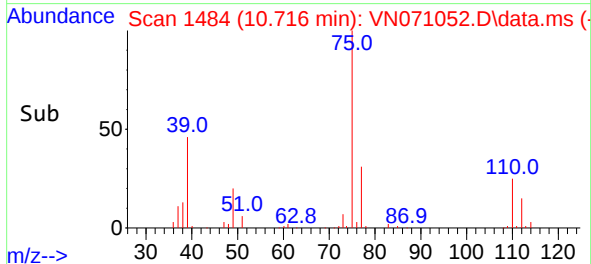
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



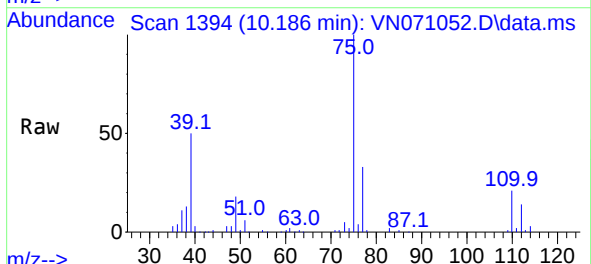
Tgt Ion: 75 Resp: 184752
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

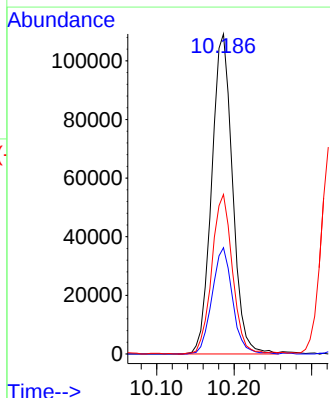
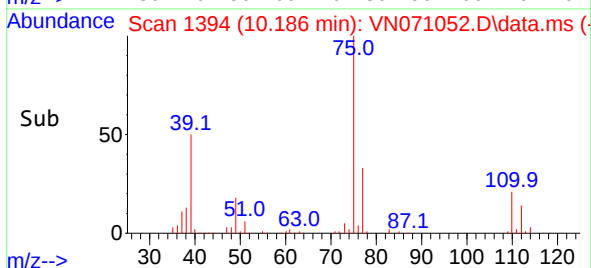
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

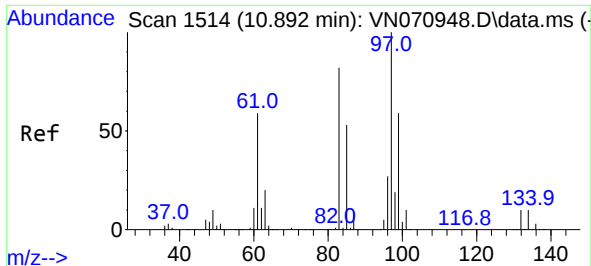


#54
cis-1,3-Dichloropropene
Concen: 19.277 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



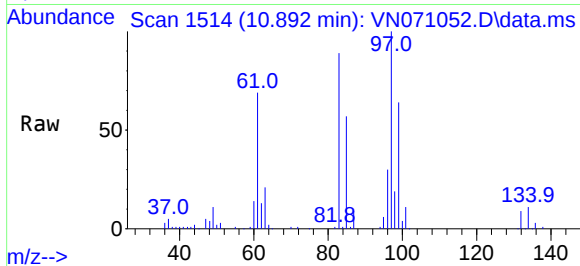
Tgt Ion: 75 Resp: 204237
Ion Ratio Lower Upper
75 100
77 33.2 26.4 39.6
39 49.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.373 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

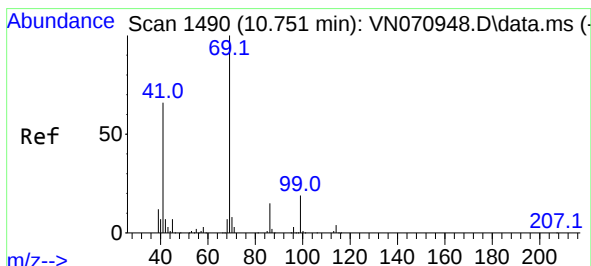
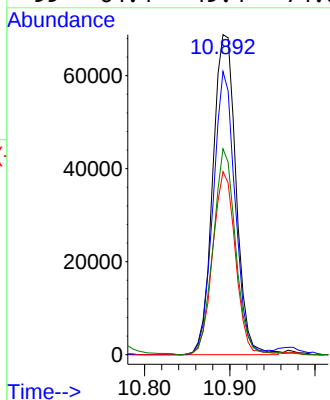
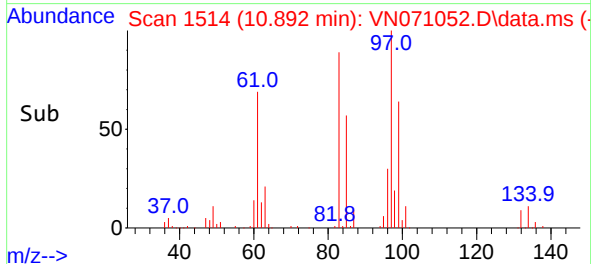


Tgt Ion: 97 Resp: 13049

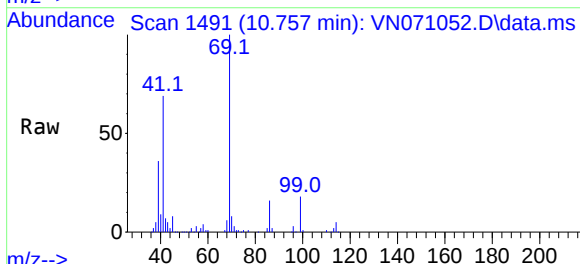
Ion	Ratio	Lower	Upper
97	100		
83	88.5	67.8	101.6
85	57.2	45.4	68.2
99	64.4	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

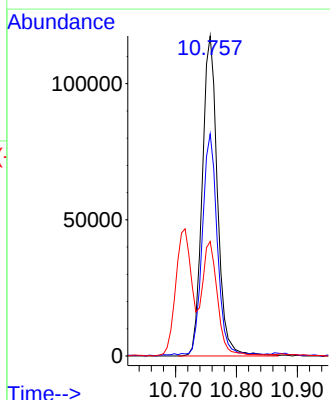
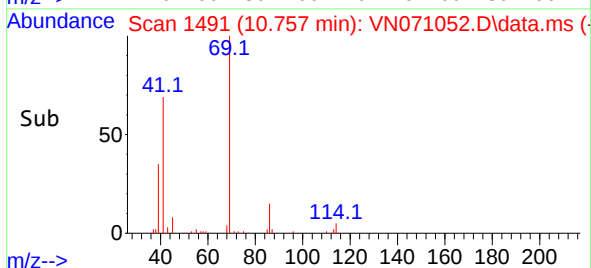


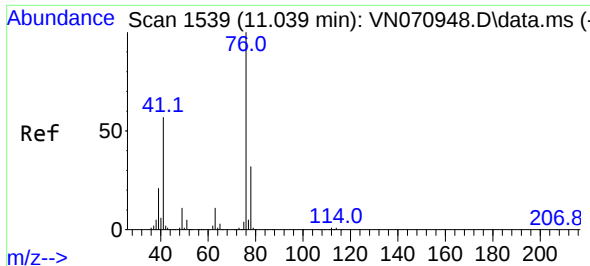
#56
Ethyl methacrylate
Concen: 21.136 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion: 69 Resp: 203981

Ion	Ratio	Lower	Upper
69	100		
41	70.2	51.4	77.0
39	36.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 20.785 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 76 Resp: 23028

Ion Ratio Lower Upper

76 100

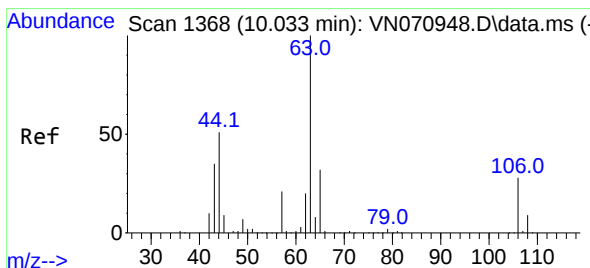
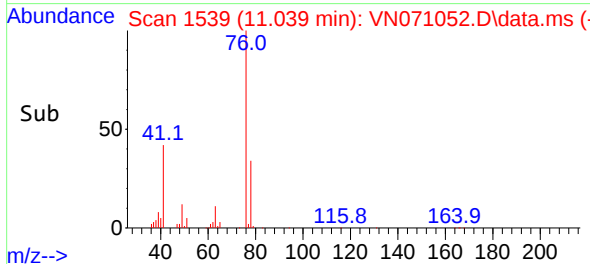
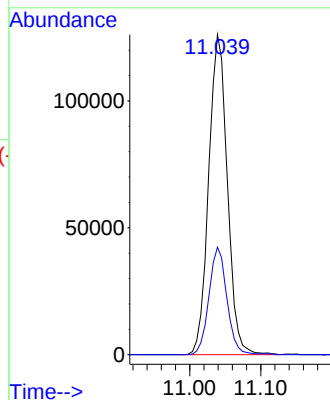
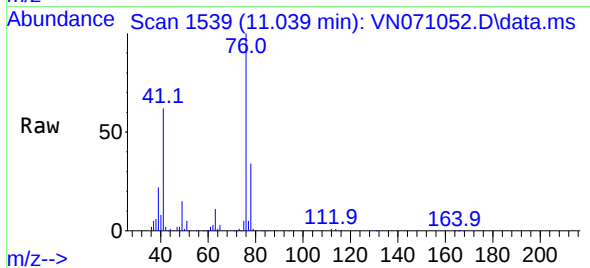
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 99.271 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071052.D

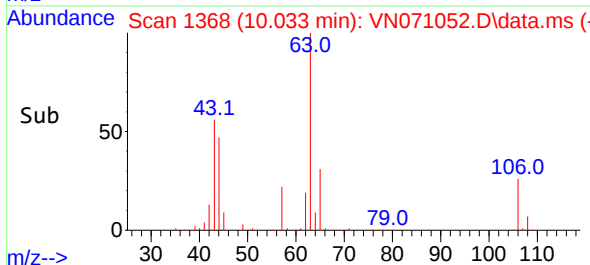
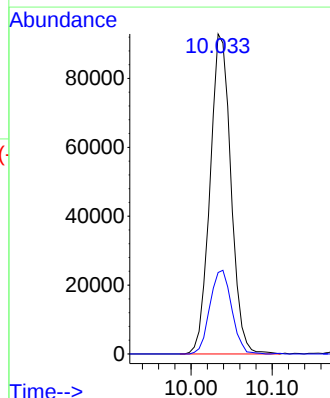
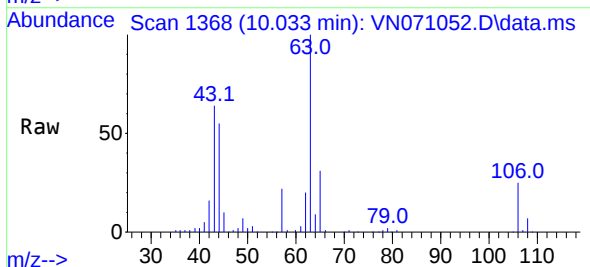
Acq: 24 Feb 2022 13:56

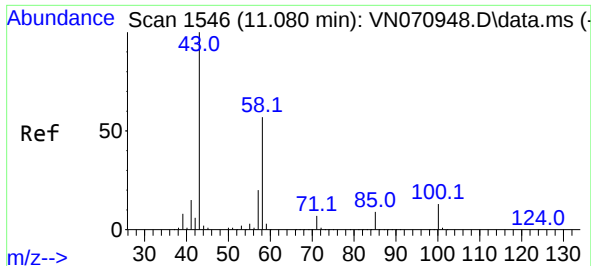
Tgt Ion: 63 Resp: 165948

Ion Ratio Lower Upper

63 100

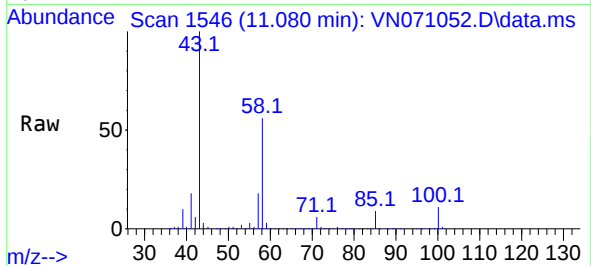
106 27.3 23.9 35.9





#59
2-Hexanone
Concen: 114.328 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

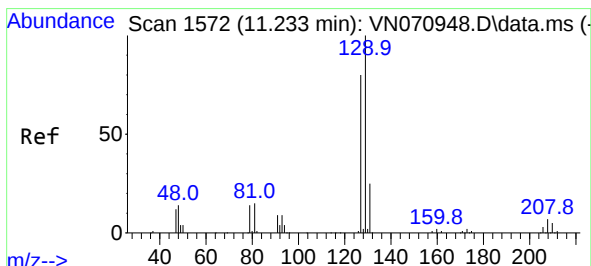
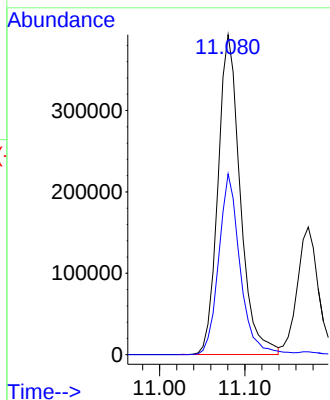
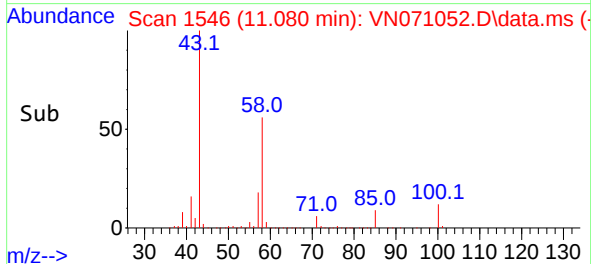
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



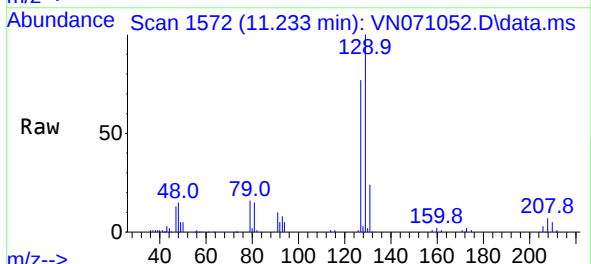
Tgt Ion: 43 Resp: 711974
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7

Manual Integrations
APPROVED

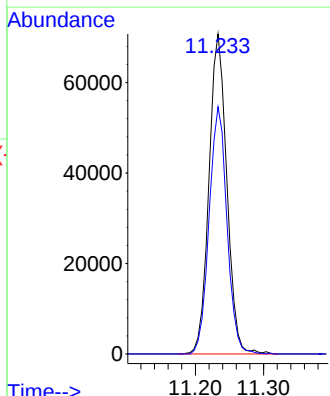
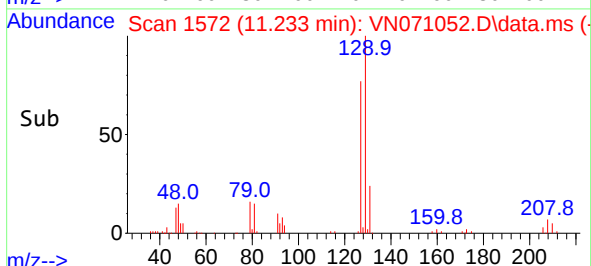
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

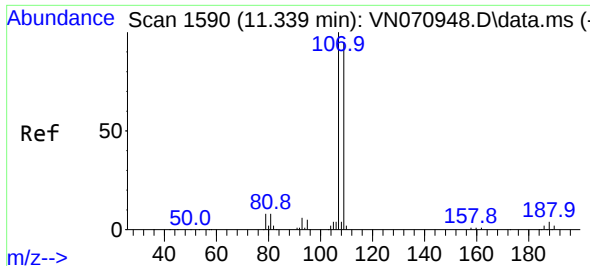


#60
Dibromochloromethane
Concen: 19.038 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



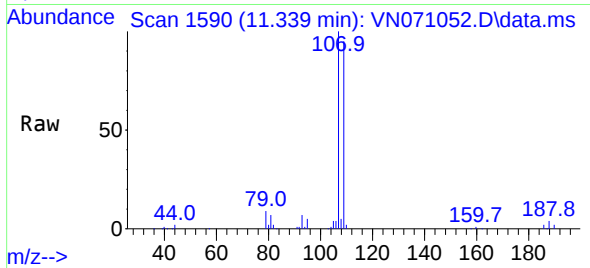
Tgt Ion:129 Resp: 128875
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.743 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

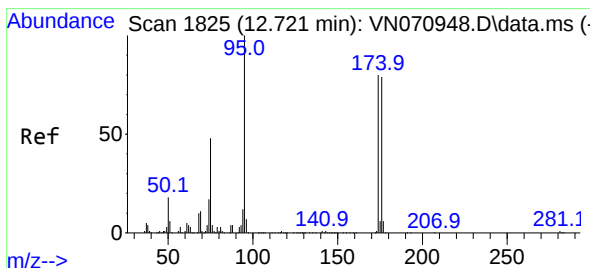
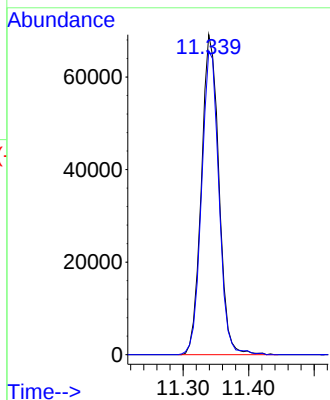
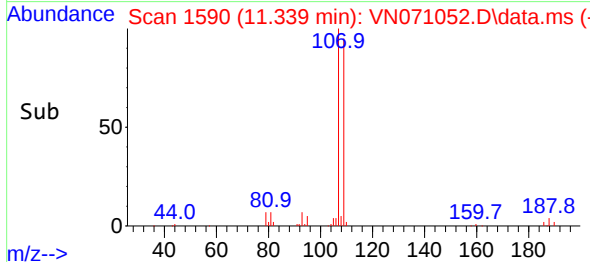
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



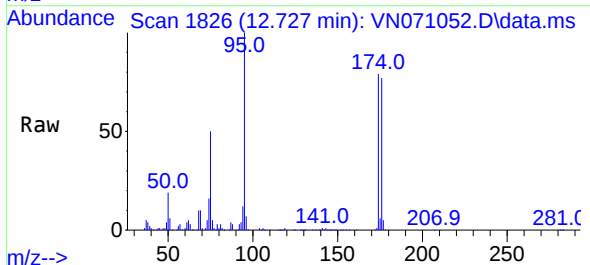
Tgt Ion:107 Resp: 12862
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

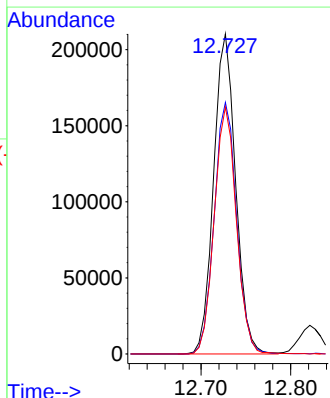
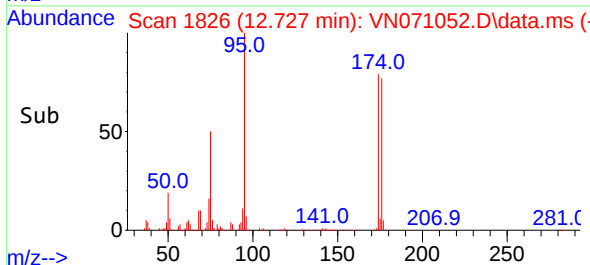
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

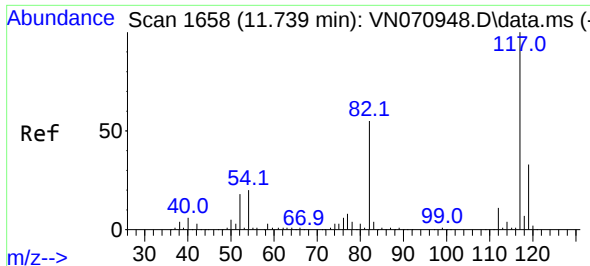


#62
4-Bromofluorobenzene
Concen: 46.427 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



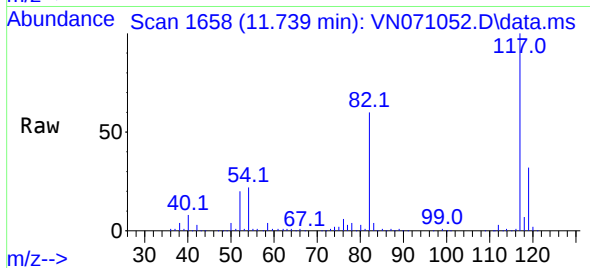
Tgt Ion: 95 Resp: 358122
Ion Ratio Lower Upper
95 100
174 80.0 0.0 187.2
176 77.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

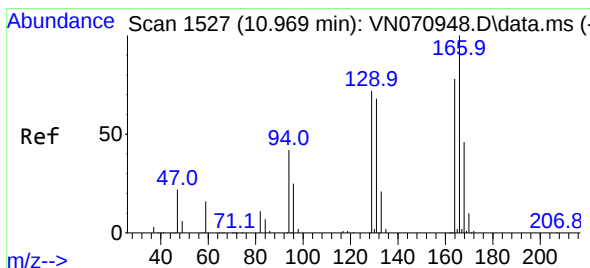
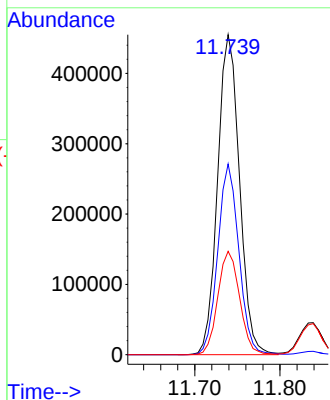
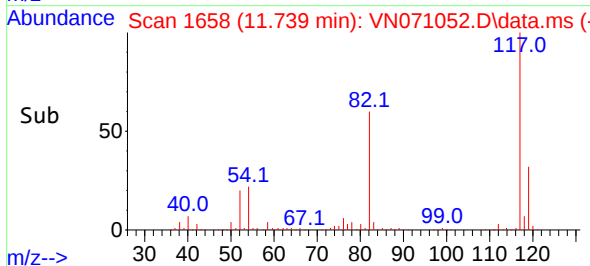
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



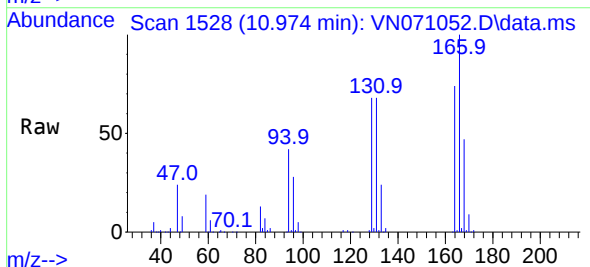
Tgt Ion:117 Resp: 812649
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

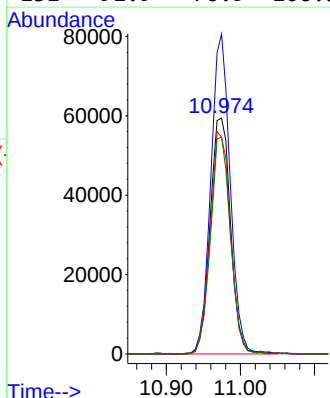
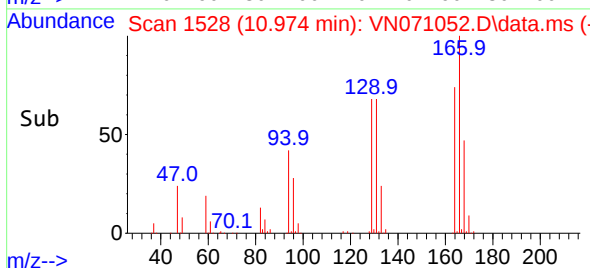
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

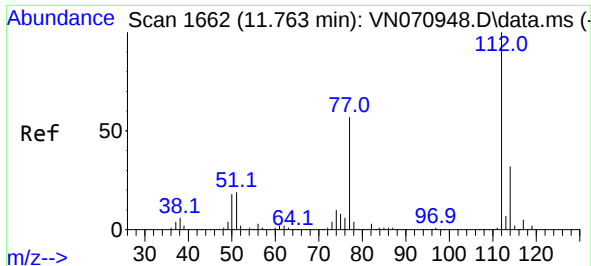


#64
Tetrachloroethene
Concen: 18.044 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



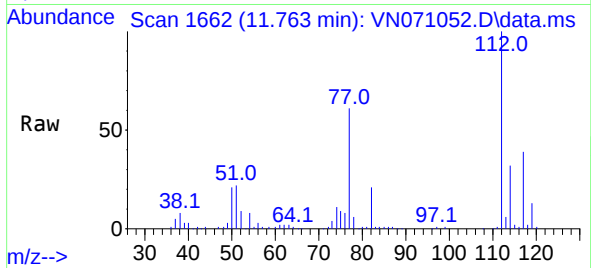
Tgt Ion:164 Resp: 114200
Ion Ratio Lower Upper
164 100
166 135.7 101.9 152.9
129 91.9 72.0 108.0
131 91.9 70.9 106.3





#65
Chlorobenzene
Concen: 18.545 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

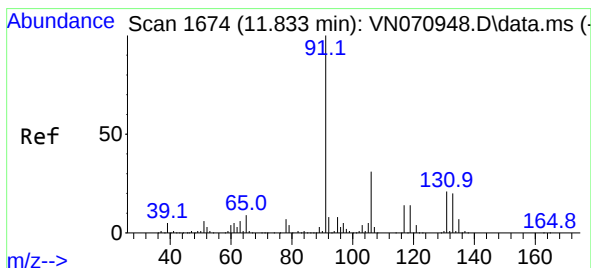
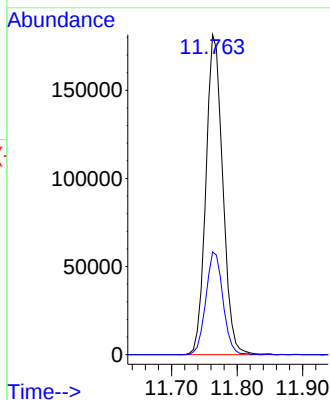
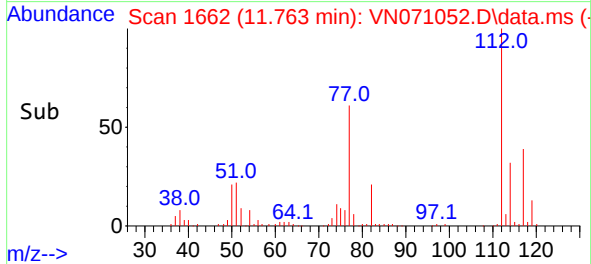
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



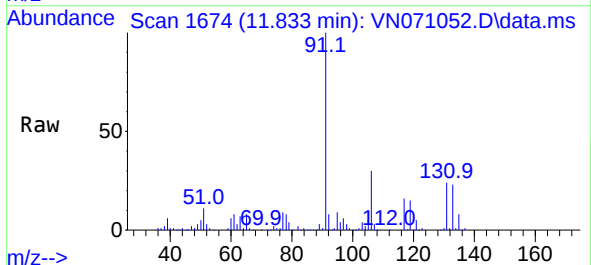
Tgt Ion:112 Resp: 324749
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

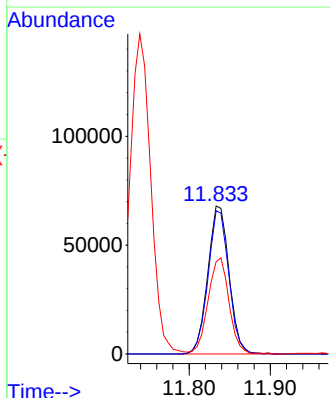
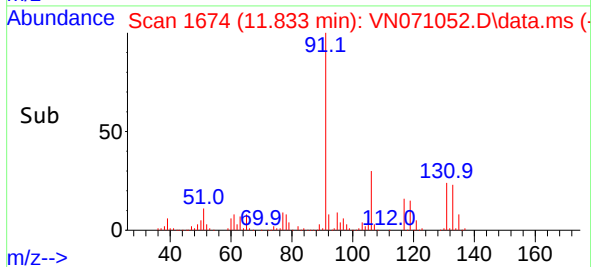
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

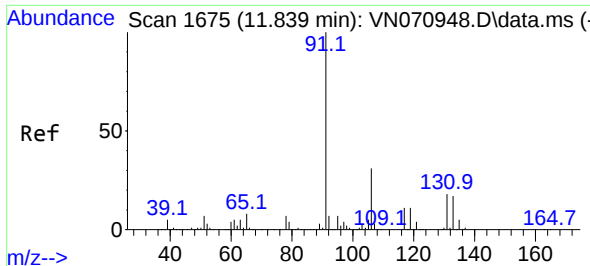


#66
1,1,1,2-Tetrachloroethane
Concen: 19.339 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion:131 Resp: 123446
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 63.2 32.1 96.5





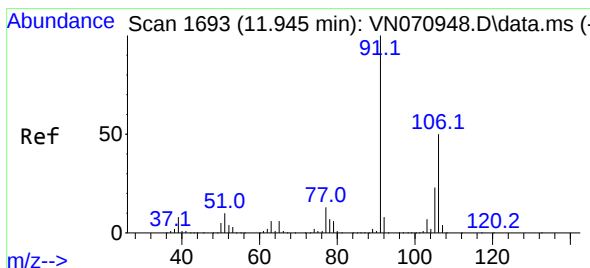
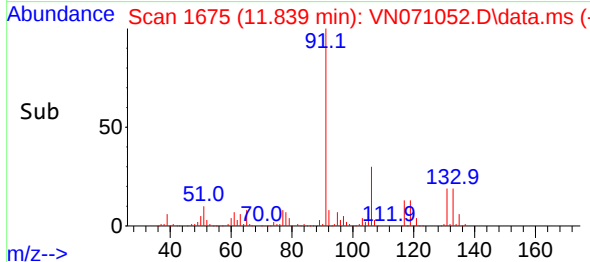
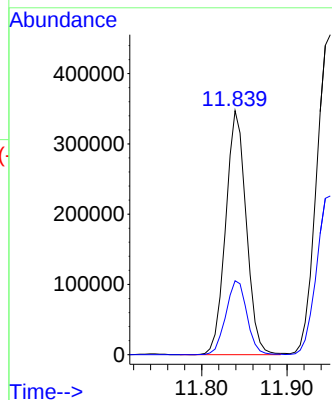
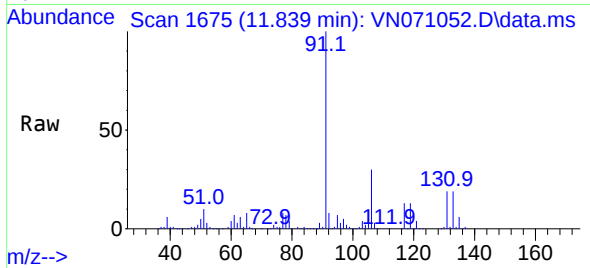
#67
Ethyl Benzene
Concen: 18.962 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 91 Resp: 58115
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

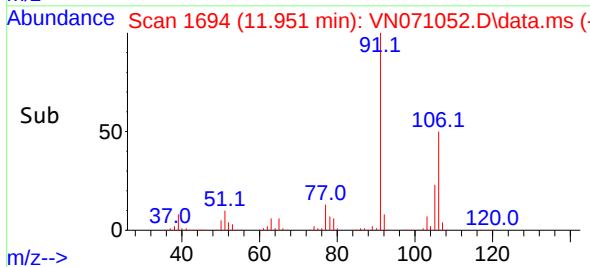
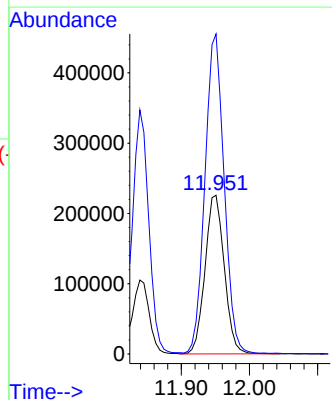
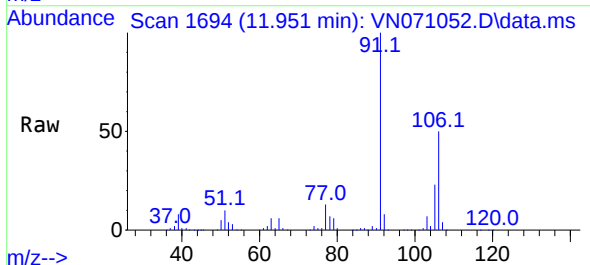
Manual Integrations
APPROVED

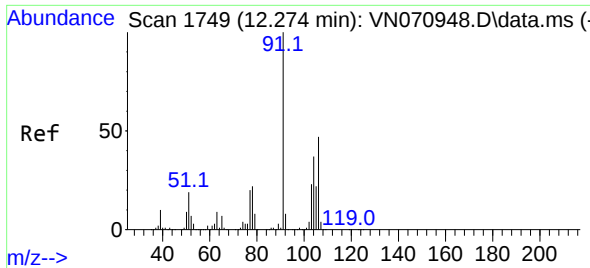
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#68
m/p-Xylenes
Concen: 37.443 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Tgt Ion:106 Resp: 443271
Ion Ratio Lower Upper
106 100
91 200.2 160.6 240.8





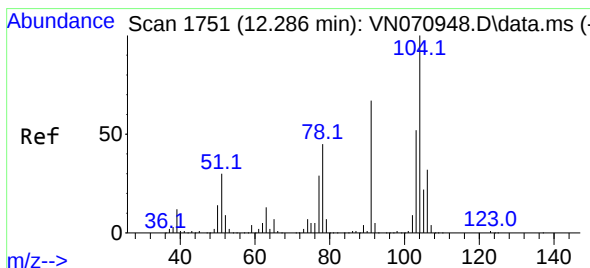
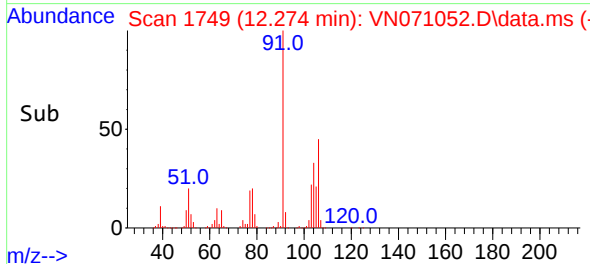
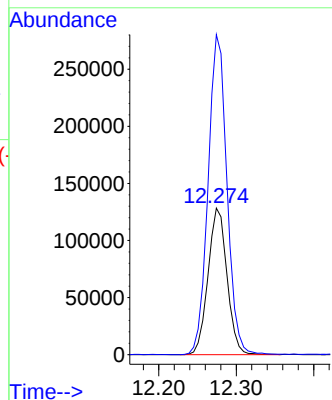
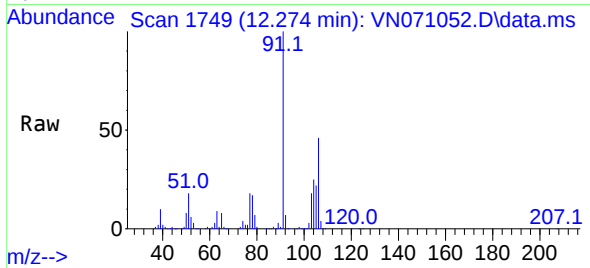
#69
o-Xylene
Concen: 18.915 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:106 Resp: 21875
Ion Ratio Lower Upper
106 100
91 217.4 105.8 317.3

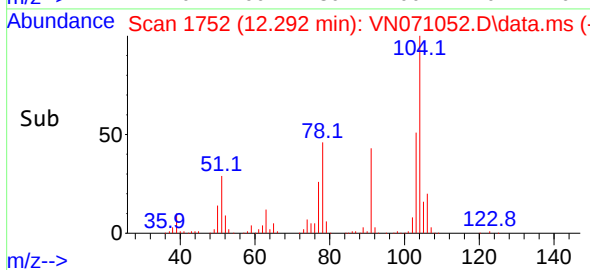
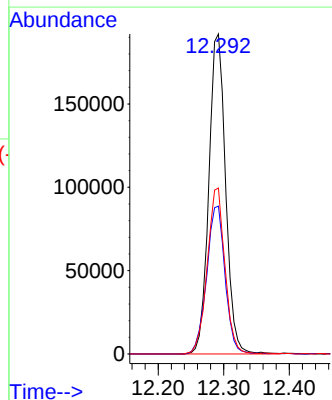
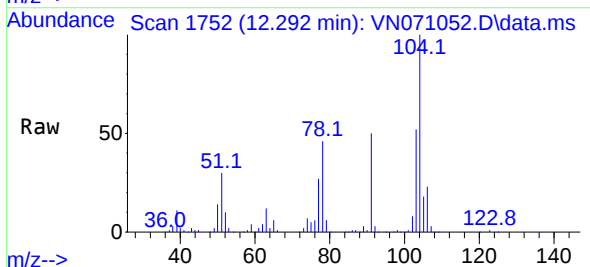
Manual Integrations
APPROVED

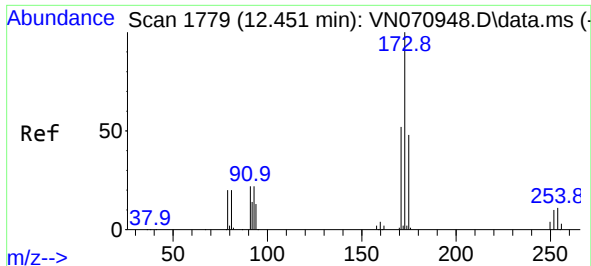
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#70
Styrene
Concen: 18.634 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

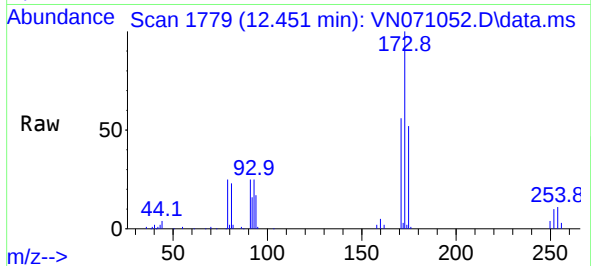
Tgt Ion:104 Resp: 342658
Ion Ratio Lower Upper
104 100
78 50.6 38.7 58.1
103 54.6 45.0 67.6





#71
Bromoform
Concen: 18.254 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

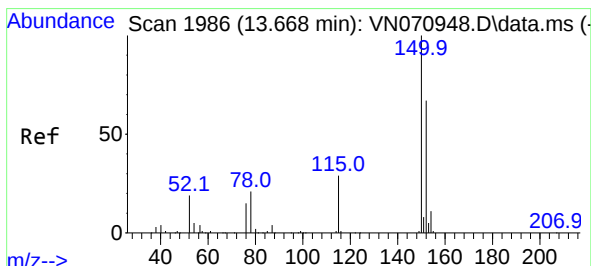
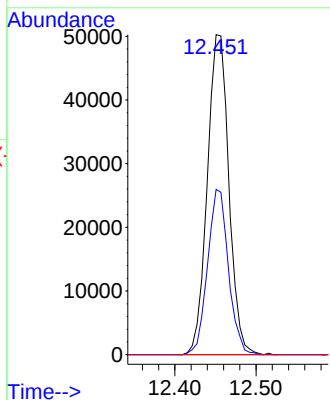
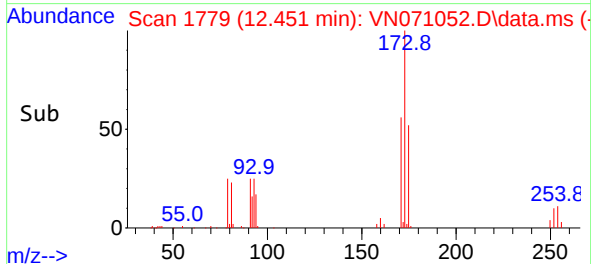
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



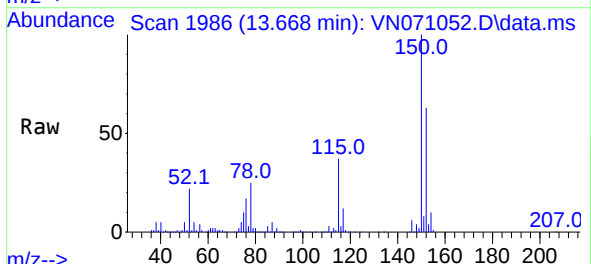
Tgt Ion:173 Resp: 92798
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

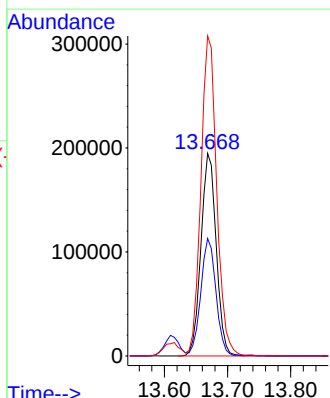
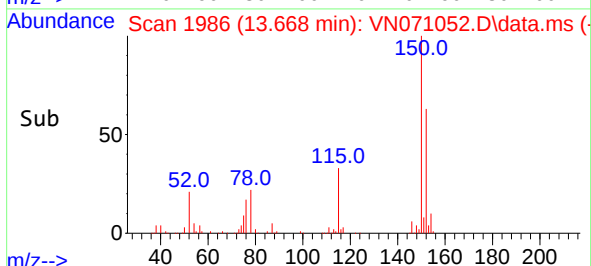
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

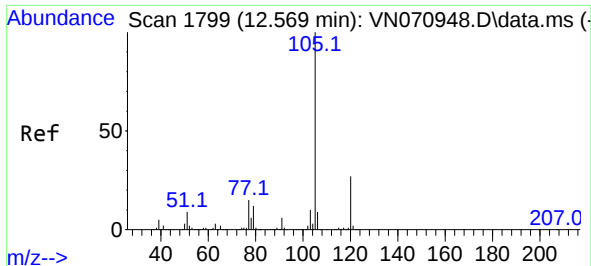


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion:152 Resp: 327293
Ion Ratio Lower Upper
152 100
115 57.4 27.5 82.5
150 163.2 0.0 344.4





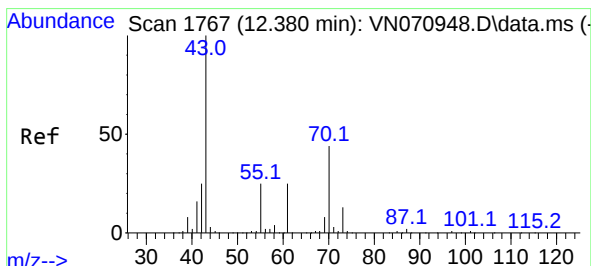
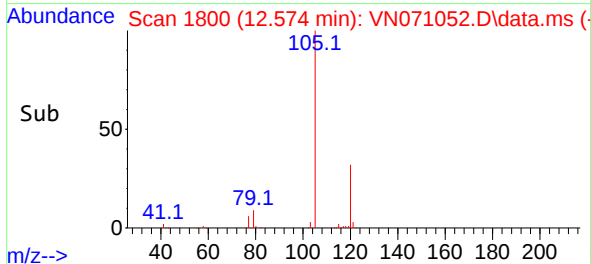
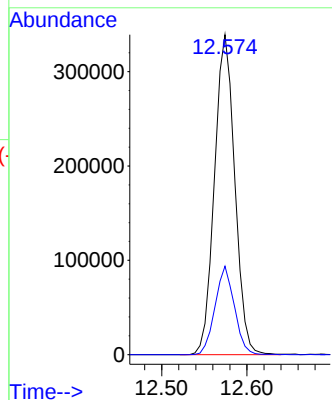
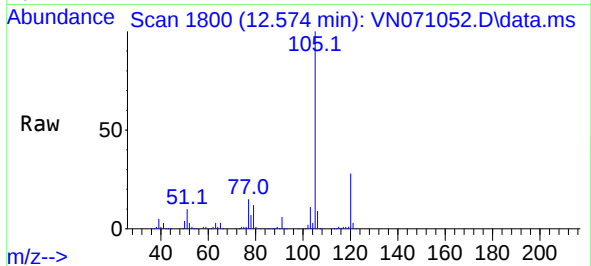
#73
Isopropylbenzene
Concen: 21.399 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:105 Resp: 56373
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

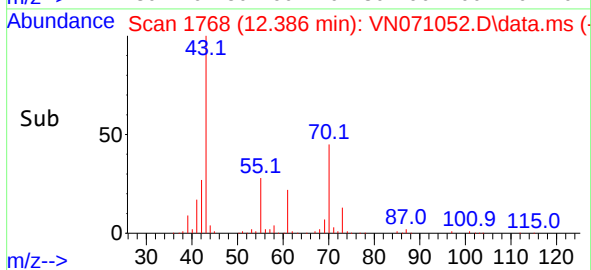
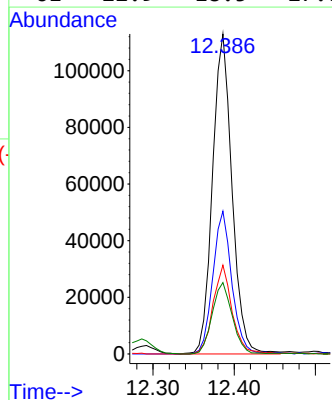
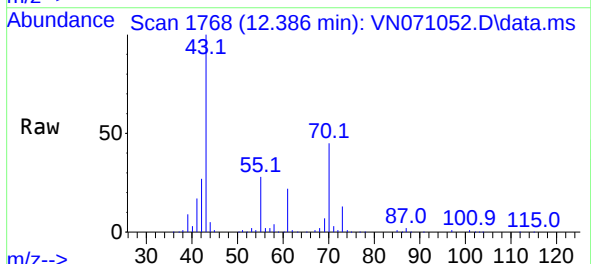
Manual Integrations
APPROVED

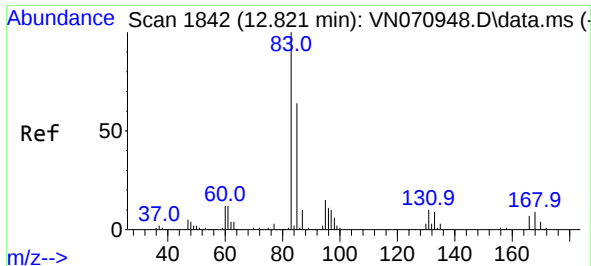
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#74
N-ethyl acetate
Concen: 22.374 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

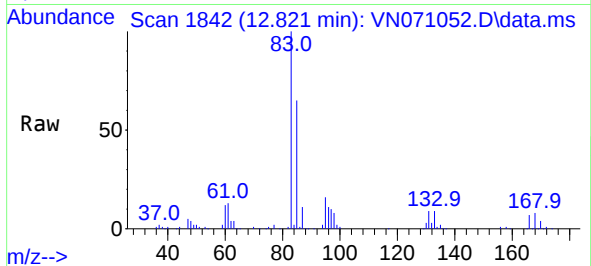
Tgt Ion: 43 Resp: 188411
Ion Ratio Lower Upper
43 100
70 43.9 33.4 50.0
55 27.1 19.3 28.9
61 22.9 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.662 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56

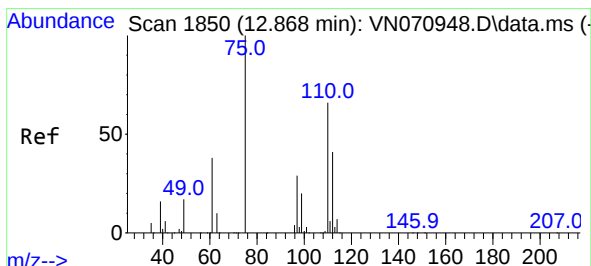
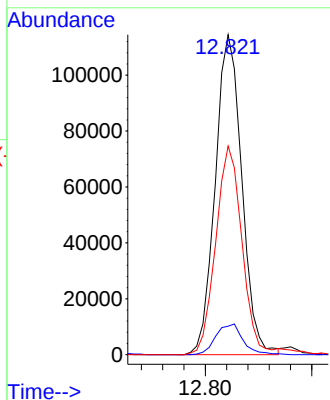
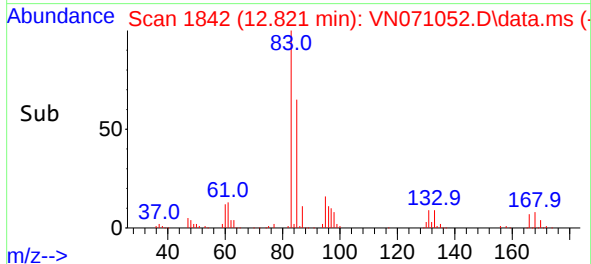
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01



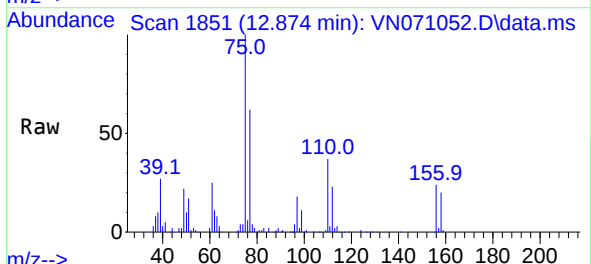
Tgt Ion: 83 Resp: 198089
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.5 16.5
 85 64.0 32.4 97.2

Manual Integrations
 APPROVED

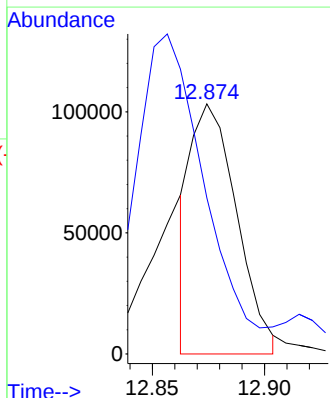
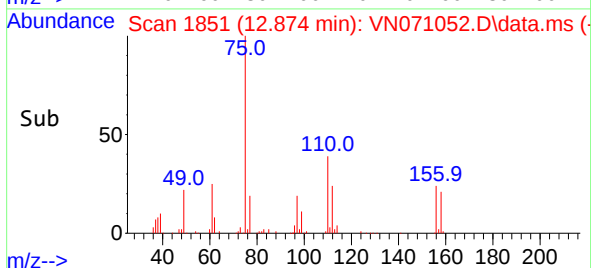
Reviewed By :John Carlone 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022

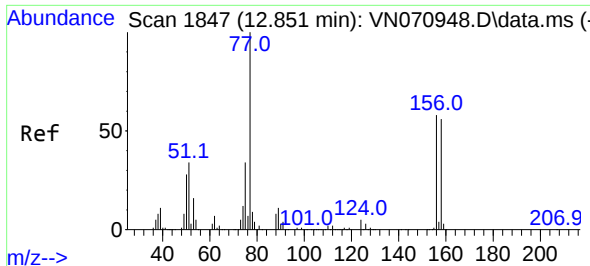


#76
 1,2,3-Trichloropropane
 Concen: 19.013 ug/l m
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56



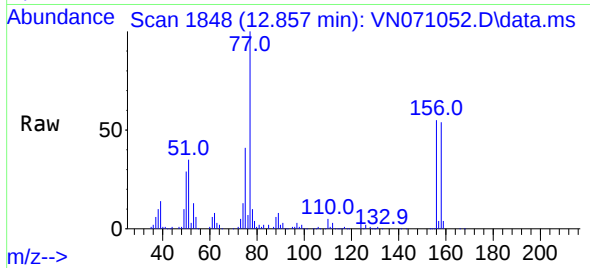
Tgt Ion: 75 Resp: 146516
 Ion Ratio Lower Upper
 75 100
 77 193.4 82.6 247.8





#77
Bromobenzene
Concen: 20.353 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

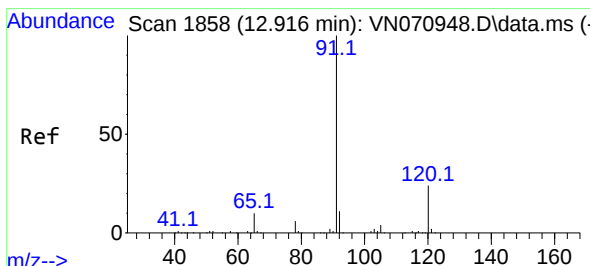
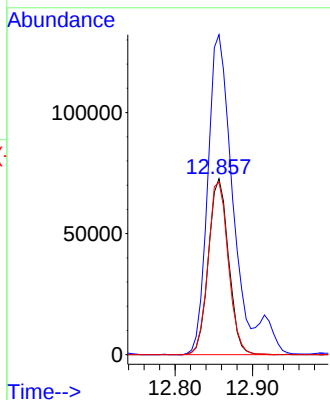
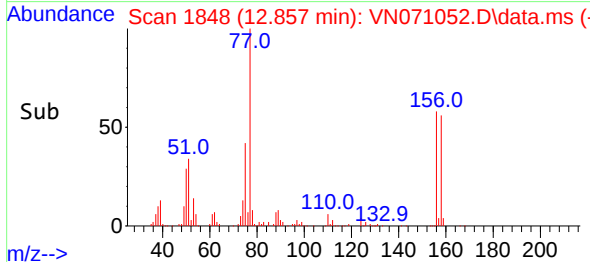
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



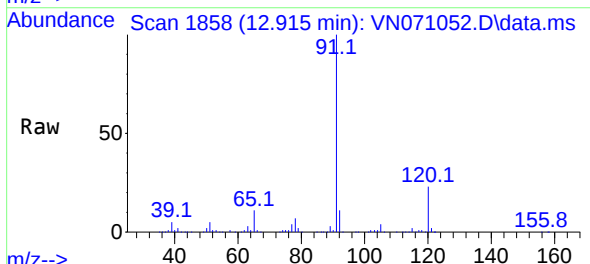
Tgt Ion:156 Resp: 13125
Ion Ratio Lower Upper
156 100
77 215.9 90.6 271.8
158 98.8 48.9 146.7

Manual Integrations
APPROVED

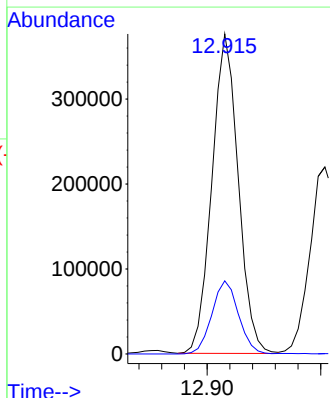
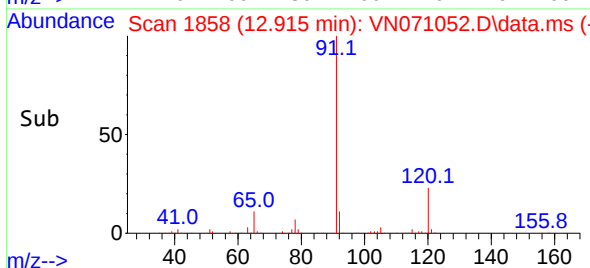
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

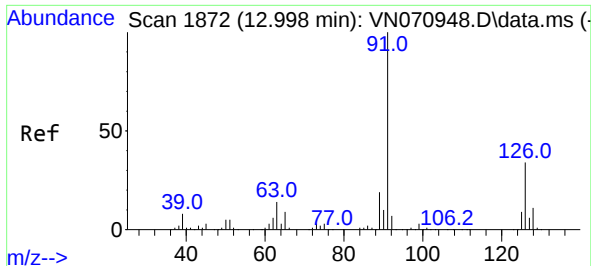


#78
n-propylbenzene
Concen: 20.433 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion: 91 Resp: 604803
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.9





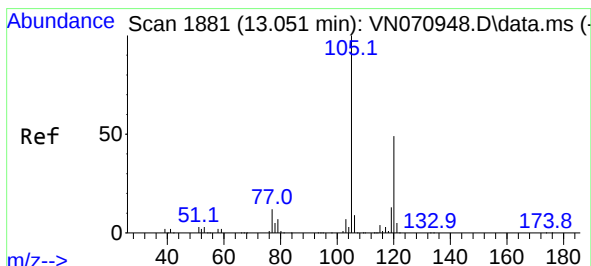
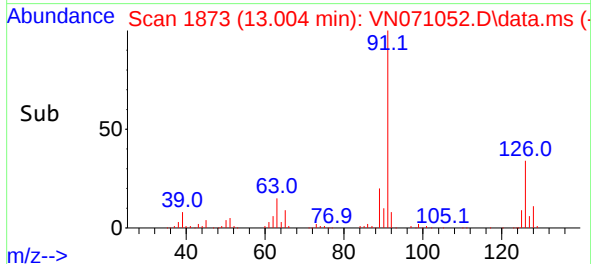
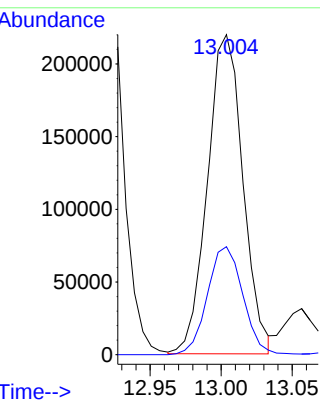
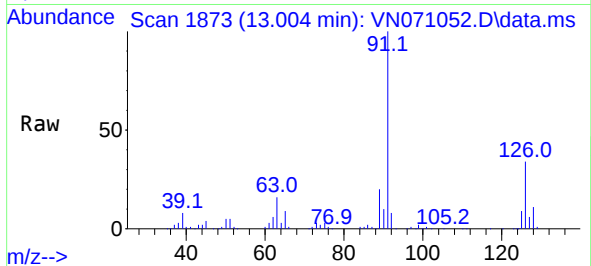
#79
2-Chlorotoluene
Concen: 21.245 ug/l
RT: 13.004 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 91 Resp: 381879
Ion Ratio Lower Upper
91 100
126 33.8 18.3 54.8

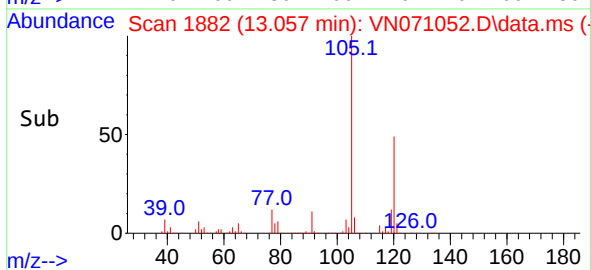
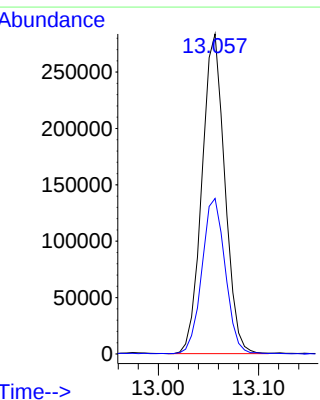
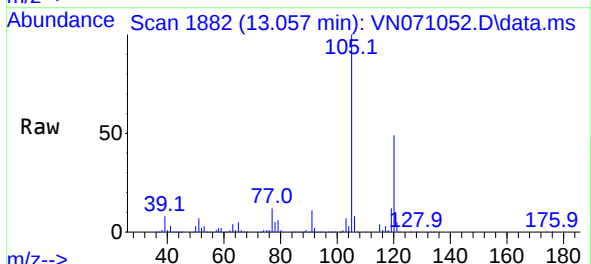
Manual Integrations
APPROVED

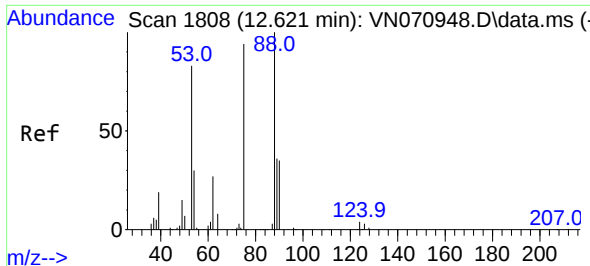
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.012 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

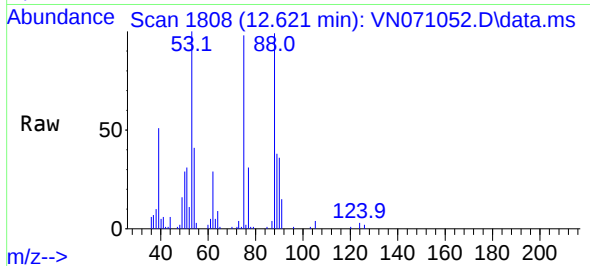
Tgt Ion:105 Resp: 448455
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.612 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

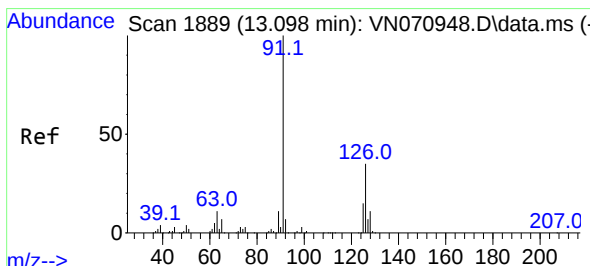
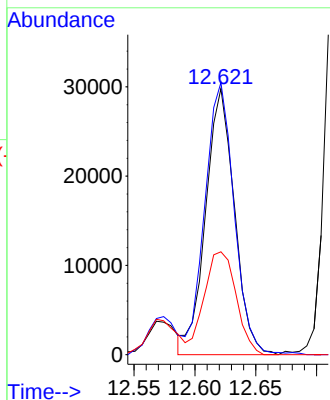
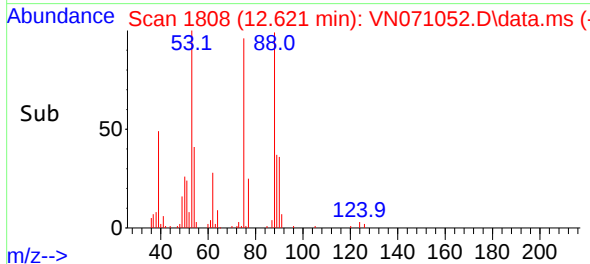
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



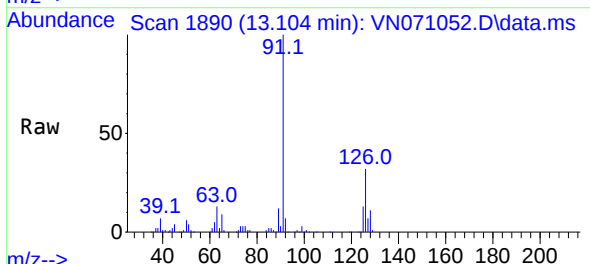
Tgt Ion: 75 Resp: 49018
Ion Ratio Lower Upper
75 100
53 103.4 90.5 135.7
89 43.1 38.2 57.4

Manual Integrations
APPROVED

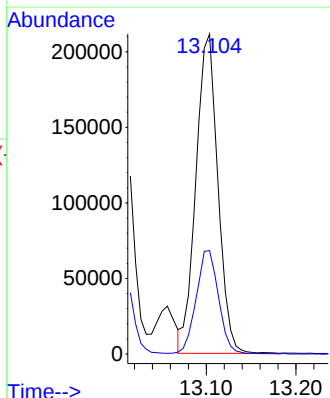
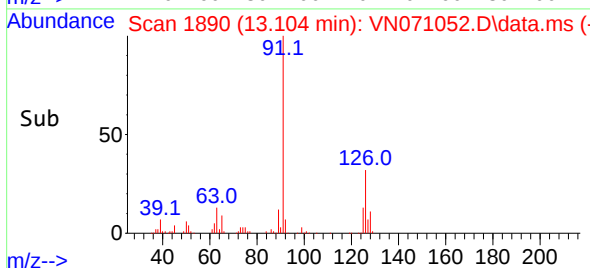
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

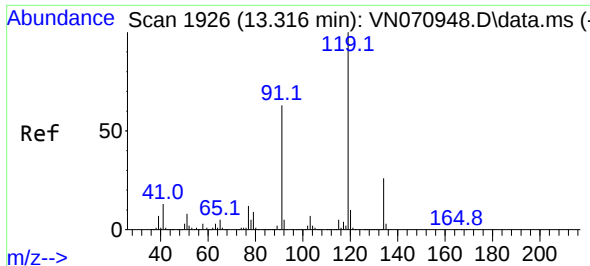


#82
4-Chlorotoluene
Concen: 20.598 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion: 91 Resp: 359410
Ion Ratio Lower Upper
91 100
126 33.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.787 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

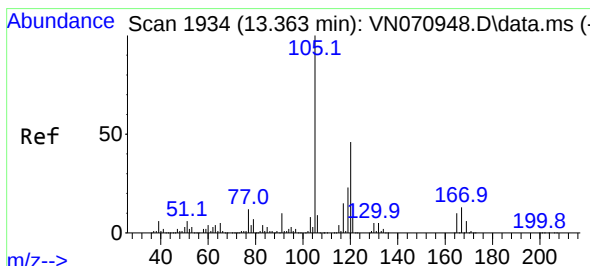
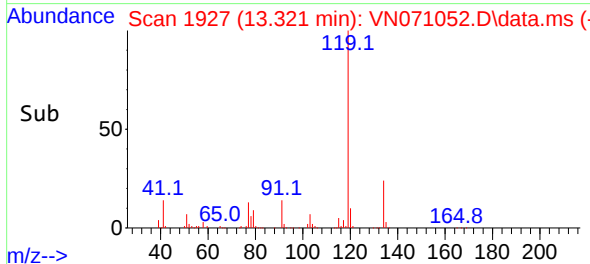
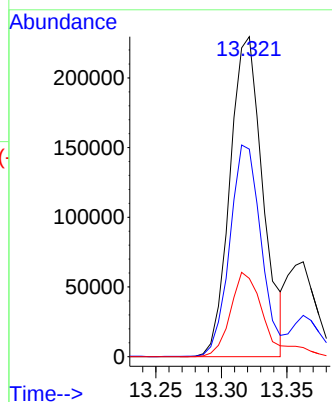
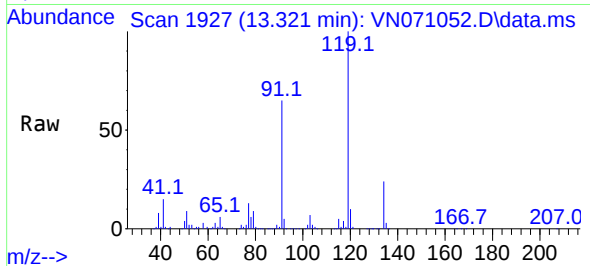
VN0224WBSD01

Tgt Ion:119 Resp: 400500
Ion Ratio Lower Upper
119 100
91 63.2 31.5 94.5
134 27.3 12.4 37.4

Manual Integrations

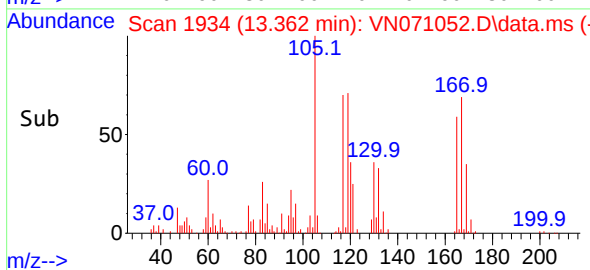
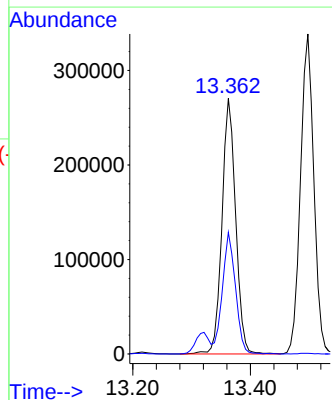
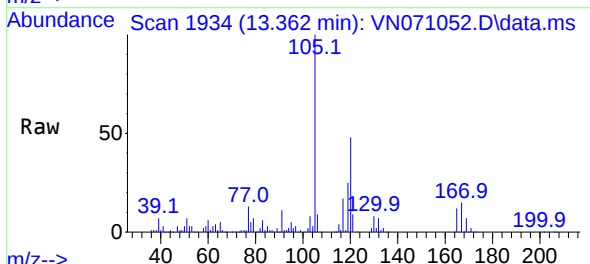
APPROVED

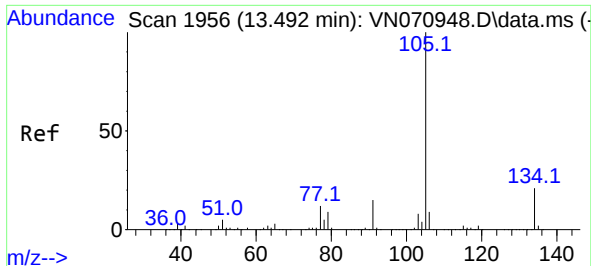
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.813 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Tgt Ion:105 Resp: 437265
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





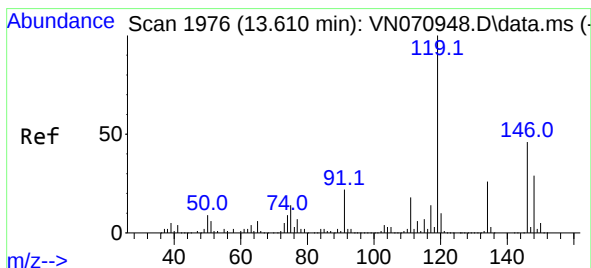
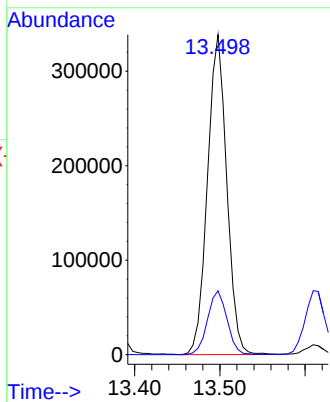
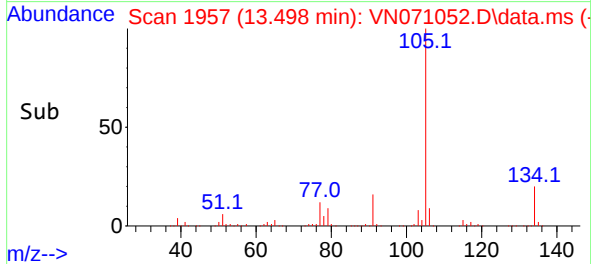
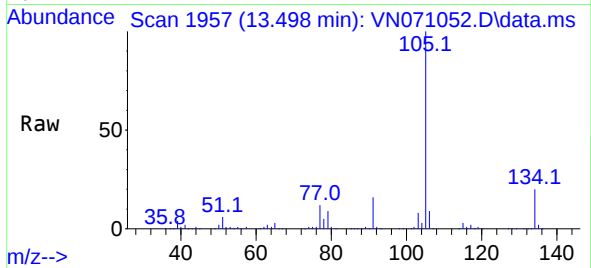
#85
 sec-Butylbenzene
 Concen: 19.992 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Tgt Ion:105 Resp: 53319
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

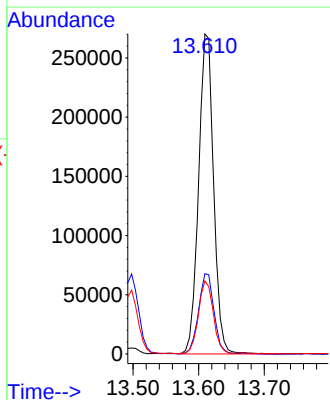
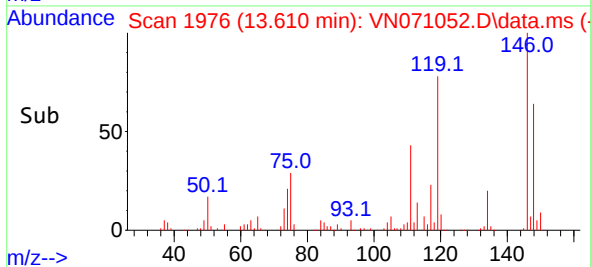
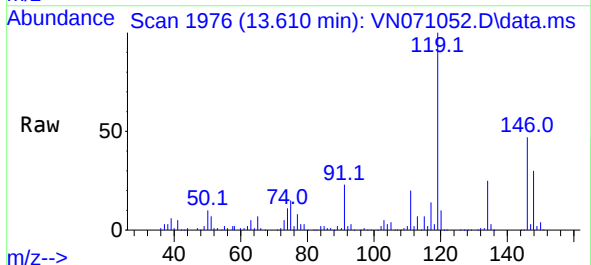
Manual Integrations
 APPROVED

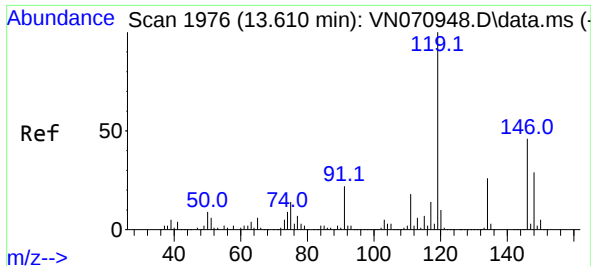
Reviewed By :John Carlone 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#86
 p-Isopropyltoluene
 Concen: 19.722 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071052.D
 Acq: 24 Feb 2022 13:56

Tgt Ion:119 Resp: 431801
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 22.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.253 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion:146 Resp: 21979

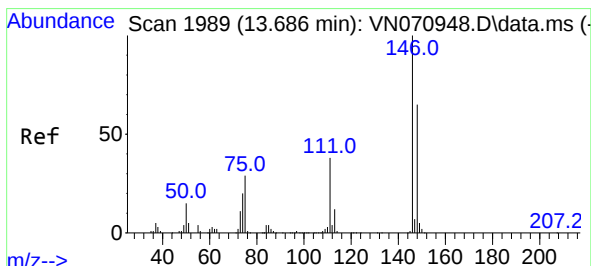
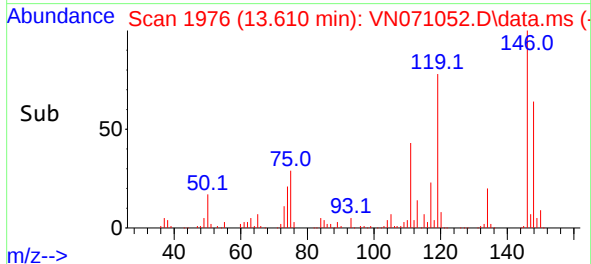
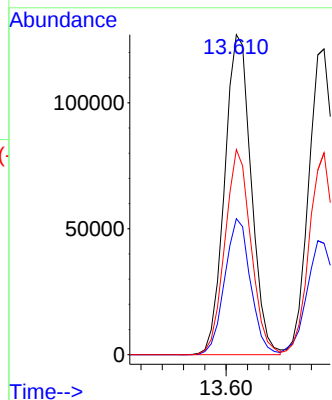
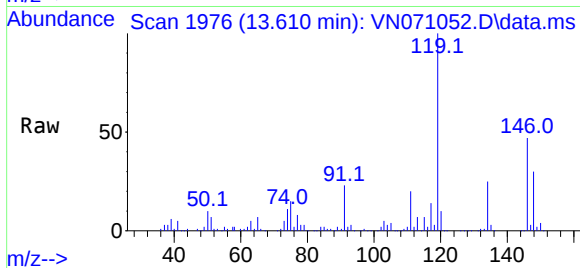
Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.6	55.6
148	62.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#88

1,4-Dichlorobenzene

Concen: 18.926 ug/l

RT: 13.692 min Scan# 1990

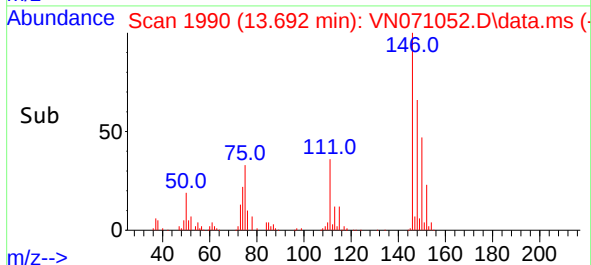
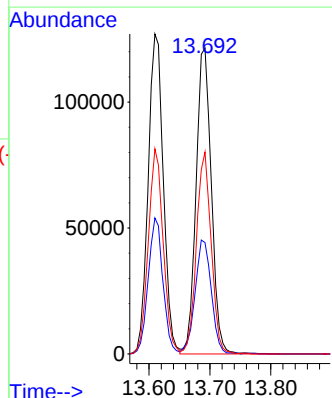
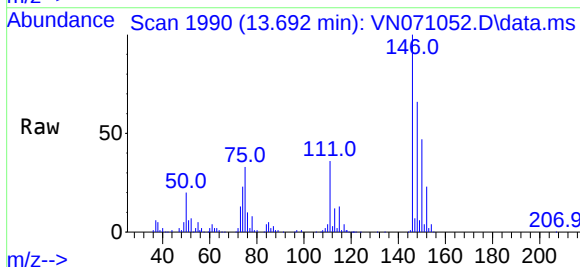
Delta R.T. 0.006 min

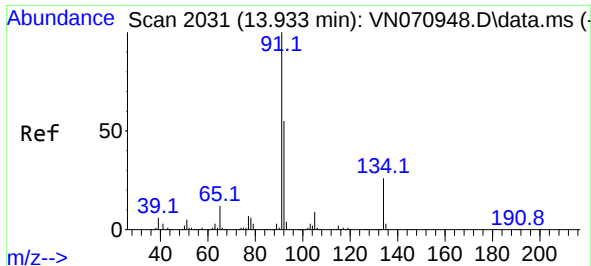
Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Tgt Ion:146 Resp: 211693

Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.3	54.8
148	63.3	31.8	95.4





#89

n-Butylbenzene

Concen: 16.567 ug/l

RT: 13.939 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 91 Resp: 295940

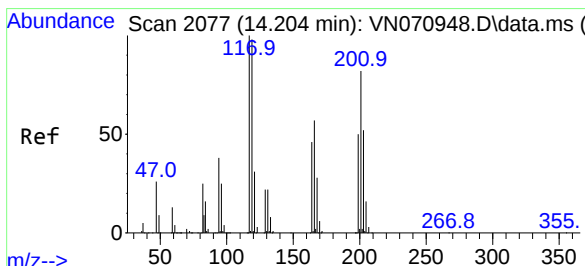
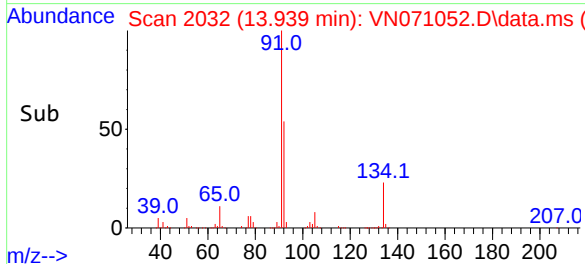
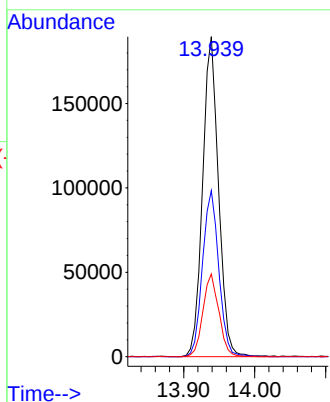
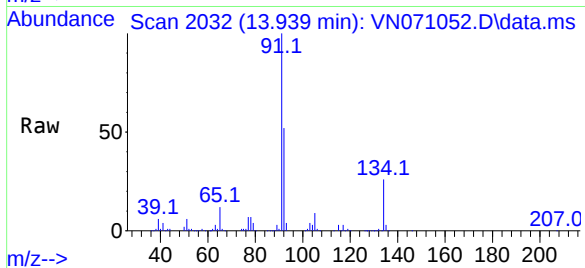
Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.4	76.0
134	25.9	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/25/2022

Supervised By :Mahesh Dadoda 02/25/2022



#90

Hexachloroethane

Concen: 20.124 ug/l

RT: 14.204 min Scan# 2077

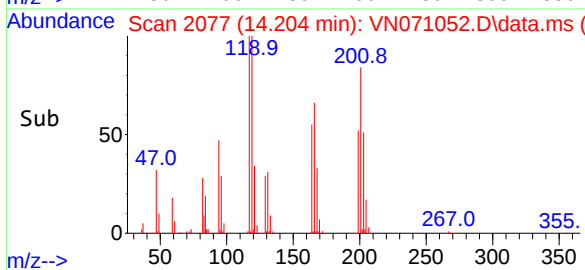
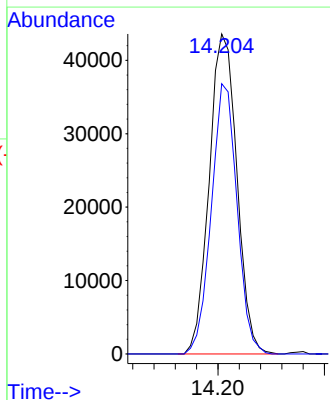
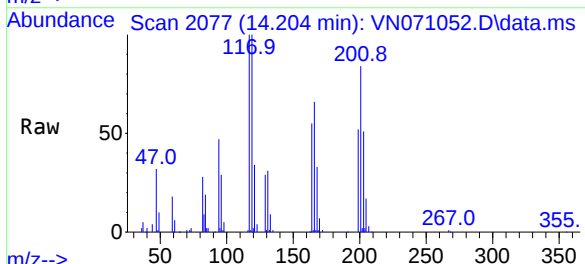
Delta R.T. -0.000 min

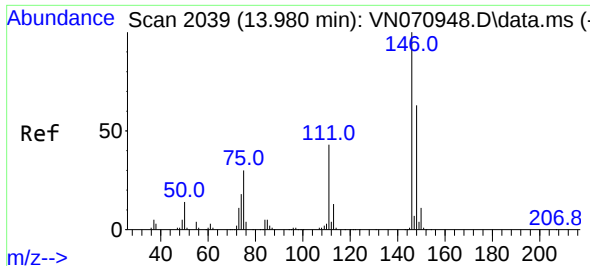
Lab File: VN071052.D

Acq: 24 Feb 2022 13:56

Tgt Ion:117 Resp: 78688

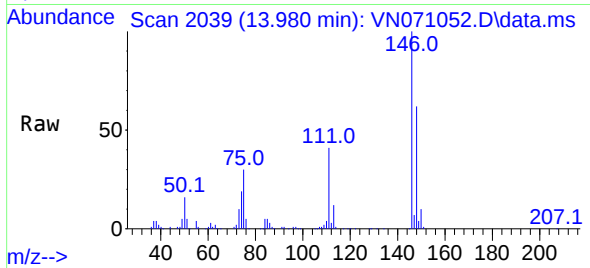
Ion	Ratio	Lower	Upper
117	100		
201	78.3	43.9	131.6





#91
1,2-Dichlorobenzene
Concen: 20.225 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

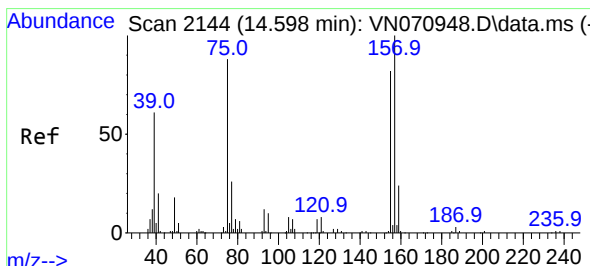
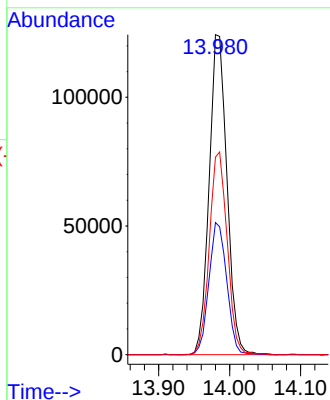
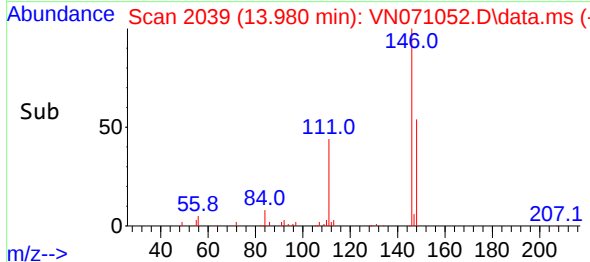
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



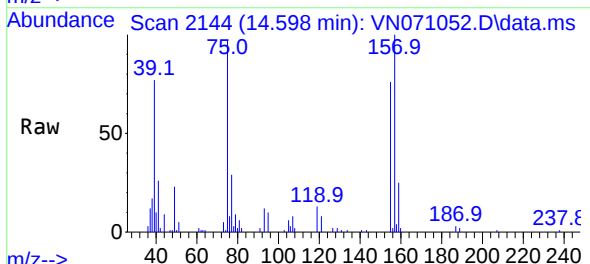
Tgt Ion:146 Resp: 216814
Ion Ratio Lower Upper
146 100
111 41.4 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
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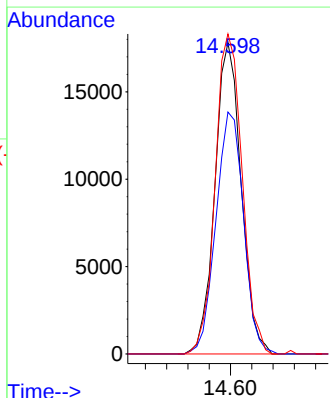
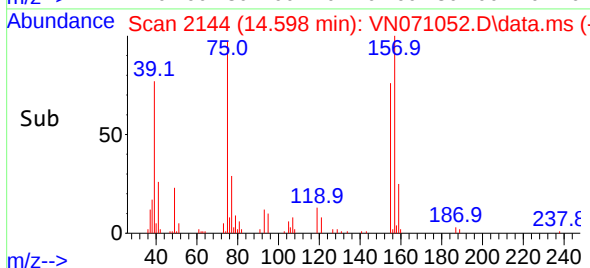
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

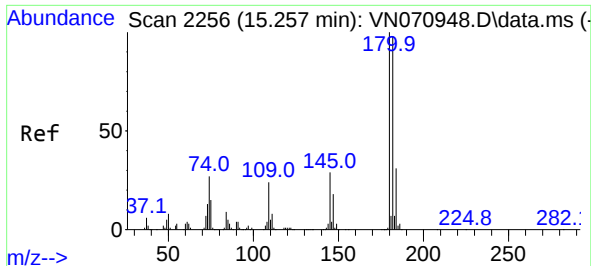


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.479 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56



Tgt Ion: 75 Resp: 30489
Ion Ratio Lower Upper
75 100
155 81.7 46.9 140.7
157 105.1 60.6 181.7





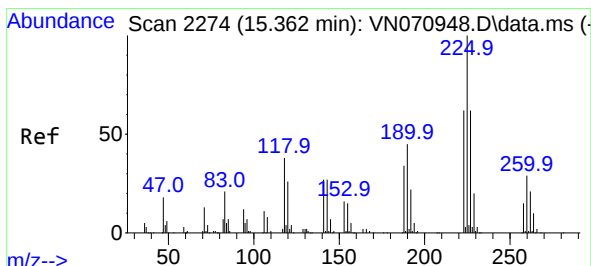
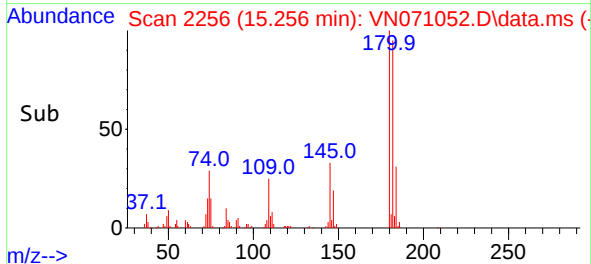
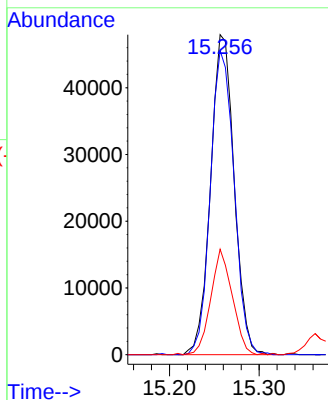
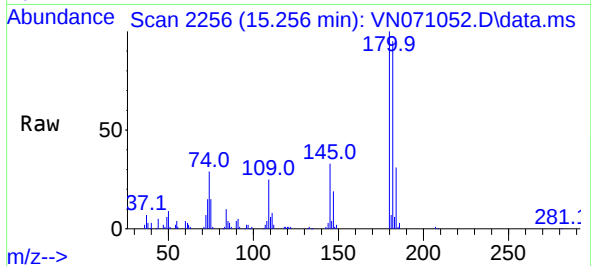
#93
1,2,4-Trichlorobenzene
Concen: 15.938 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:180 Resp: 87492
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 30.3 14.5 43.5

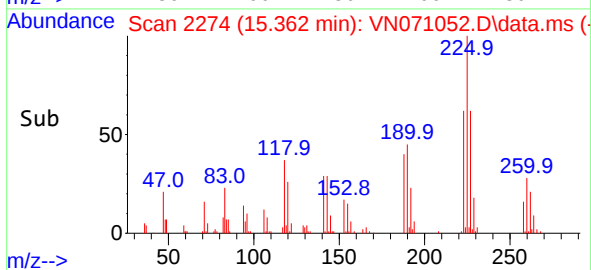
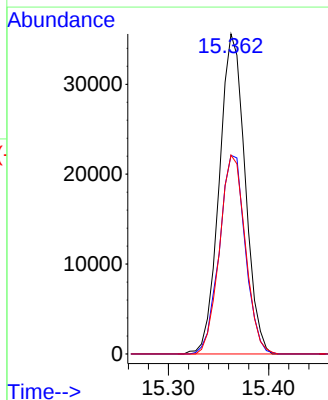
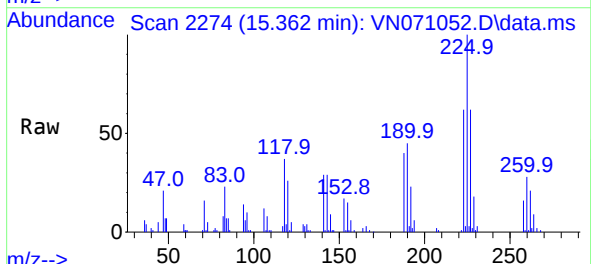
Manual Integrations
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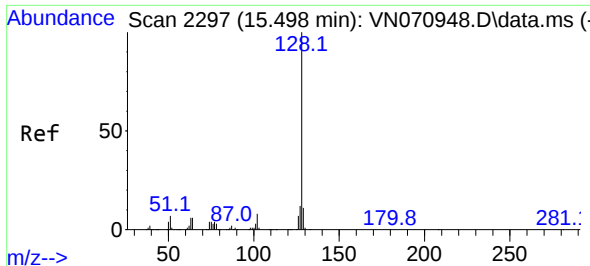
Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#94
Hexachlorobutadiene
Concen: 16.258 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Tgt Ion:225 Resp: 63558
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.7
227 62.0 32.1 96.3





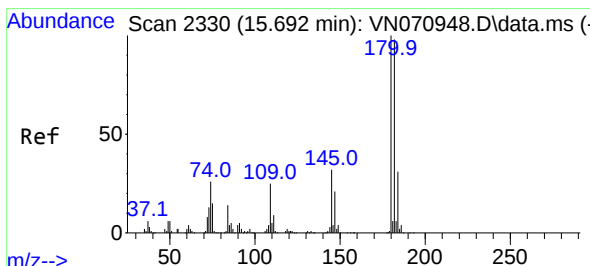
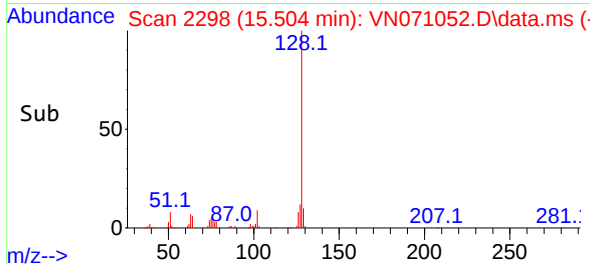
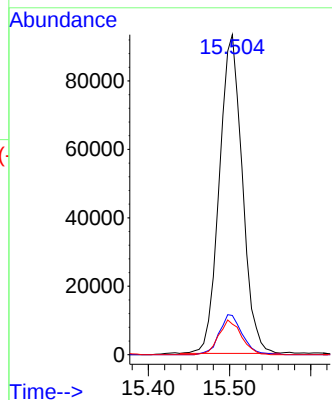
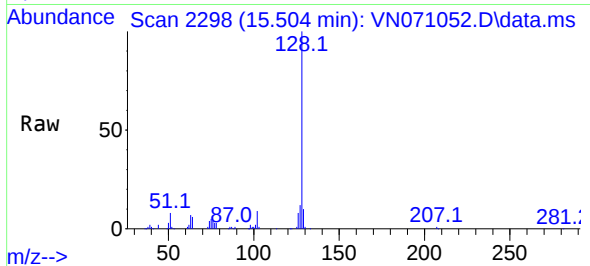
#95
Naphthalene
Concen: 16.236 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:128 Resp: 18280
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.577 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071052.D
Acq: 24 Feb 2022 13:56

Tgt Ion:180 Resp: 82250
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 30.3 15.0 45.1

