

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071515.D
 Acq On : 24 Mar 2022 11:41
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 24 12:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 11:41:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

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

Internal Standards						
1) Bromochloromethane	7.651	128	110495	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	599571	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	576299	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	227975	26.544	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	88.467%#
60) 4-Bromofluorobenzene	12.727	95	266516	30.146	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.500%
63) Toluene-d8	10.439	98	747591	28.192	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.967%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	1018650	143.115	ug/l	98
3) Chloromethane	2.298	50	1155989	125.321	ug/l	98
4) Vinyl Chloride	2.440	62	1370162	155.469	ug/l	99
5) Bromomethane	2.816	94	479947	103.236	ug/l	97
6) Chloroethane	2.981	64	853006	157.757	ug/l	97
7) Trichlorofluoromethane	3.357	101	1569596	142.975	ug/l	98
8) Diethyl Ether	3.822	74	680823	142.871	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	929423	147.892	ug/l #	65
10) 1,1-Dichloroethene	4.175	96	953259	150.530	ug/l	100
11) Methyl Iodide	4.416	142	1445751	163.259	ug/l	88
12) Methyl Acetate	4.845	43	1309251	113.910	ug/l	98
13) Acrolein	4.034	56	732024	504.617	ug/l	95
14) Acrylonitrile	5.545	53	3090763	637.676	ug/l	98
15) Acetone	4.275	58	816368	623.982	ug/l	90
16) Carbon Disulfide	4.528	76	2528608	148.506	ug/l	97
17) Allyl chloride	4.834	41	1589248	127.428	ug/l	86
18) Methylene Chloride	5.087	84	1097450	142.700	ug/l	99
19) trans-1,2-Dichloroethene	5.592	96	1016095	152.167	ug/l	96
20) Diisopropyl ether	6.492	45	3215560	126.056	ug/l	92
21) 1,1-Dichloroethane	6.381	63	1921922	140.054	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	1243569	153.382	ug/l	97
23) tert-Butyl Alcohol	5.369	59	1207504	678.123	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	3463924	144.627	ug/l	92
25) Chloroform	7.810	83	1922655	144.234	ug/l	98
26) Cyclohexane	8.092	56	1683624	136.095	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	1492813	154.886	ug/l	98
30) 2-Butanone	7.328	43	4098997	626.060	ug/l	99
31) 2,2-Dichloropropane	7.322	77	1682050	179.224	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	1703072	151.894	ug/l	99
33) Carbon Tetrachloride	8.204	117	1466290	153.658	ug/l	99
34) Benzene	8.457	78	4458732	149.298	ug/l	96
35) Methacrylonitrile	7.633	41	791069	124.541	ug/l	97
36) 1,2-Dichloroethane	8.527	62	1538038	145.079	ug/l	96
37) Trichloroethene	9.210	130	1185470	163.786	ug/l	99
38) Methylcyclohexane	9.457	83	1900870	162.240	ug/l	98
39) 1,2-Dichloropropane	9.486	63	1124423	143.769	ug/l	97
40) Dibromomethane	9.569	93	763011	152.095	ug/l	88
41) Bromodichloromethane	9.757	83	1566705	155.344	ug/l	95
42) Vinyl Acetate	6.428	43	14404729	670.517	ug/l	95

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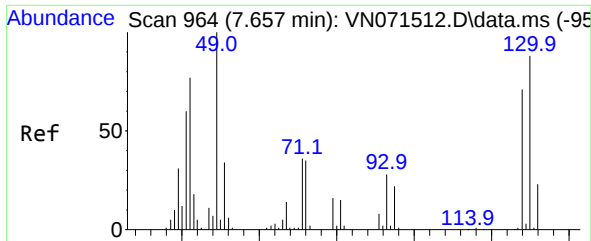
Manual Integrations
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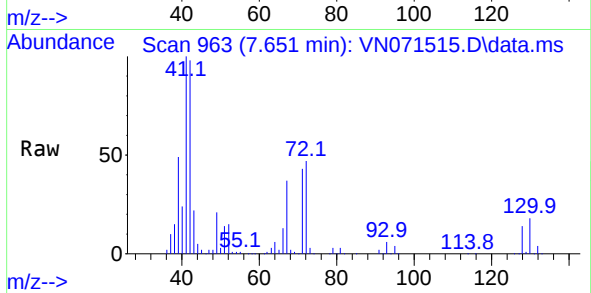
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	1567788	123.036	ug/l	95
44) Isopropyl Acetate	8.557	43	2567202	125.852	ug/l	96
45) 1,4-Dioxane	9.563	88	534557	2871.378	ug/l	94
46) Methyl methacrylate	9.557	41	1172268	129.513	ug/l	85
47) n-amyl Acetate	12.380	43	1925628	142.533	ug/l	96
48) t-1,3-Dichloropropene	10.716	75	1805038	164.599	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	1921208	161.345	ug/l #	87
50) 1,1,2-Trichloroethane	10.892	97	1145834	155.544	ug/l	99
51) Ethyl methacrylate	10.757	69	1957332	158.542	ug/l	84
52) 1,3-Dichloropropane	11.039	76	1961516	149.503	ug/l	99
53) Dibromochloromethane	11.233	129	1248904	163.636	ug/l	100
54) 1,2-Dibromoethane	11.339	107	1207966	158.831	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	3034721	810.927	ug/l	98
56) Bromoform	12.451	173	1004429	170.026	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	8298116	629.027	ug/l	92
59) 2-Hexanone	11.080	43	6104066	623.016	ug/l	91
61) Tetrachloroethene	10.974	164	994459	154.001	ug/l	91
62) Toluene	10.504	91	4974973	149.532	ug/l	96
64) Chlorobenzene	11.763	112	3190446	157.781	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	1182533	157.660	ug/l	99
66) Ethyl Benzene	11.839	91	5775137	158.347	ug/l	97
67) m/p-Xylenes	11.951	106	4482870	323.236	ug/l	96
68) o-Xylene	12.274	106	2261434	163.235	ug/l	96
69) Styrene	12.286	104	3730764	170.835	ug/l	97
70) Isopropylbenzene	12.574	105	5665489	161.348	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	1700790	141.369	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	1342166m	121.420	ug/l	
73) Bromobenzene	12.857	156	1382190	167.236	ug/l	96
74) n-propylbenzene	12.915	91	6390398	165.899	ug/l	97
75) 2-Chlorotoluene	13.004	91	3827652	158.237	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	4545561	162.606	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	603131	167.944	ug/l	90
78) 4-Chlorotoluene	13.098	91	3703044	164.922	ug/l	99
79) tert-butylbenzene	13.321	119	4118237	161.953	ug/l	94
80) 1,2,4-Trimethylbenzene	13.362	105	4447716m	165.123	ug/l	
81) sec-Butylbenzene	13.498	105	5646377	166.276	ug/l	97
82) p-Isopropyltoluene	13.609	119	4638569	170.173	ug/l	97
83) 1,3-Dichlorobenzene	13.609	146	2310595	171.713	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	2205797	171.664	ug/l	98
85) n-Butylbenzene	13.939	91	3685255	181.885	ug/l	95
86) Hexachloroethane	14.204	117	848674	162.985	ug/l	80
87) 1,2-Dichlorobenzene	13.986	146	2138110	163.225	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	346490	153.194	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.256	180	1201734	199.567	ug/l	97
90) Hexachlorobutadiene	15.362	225	556470	160.931	ug/l	98
91) Naphthalene	15.498	128	3635170	197.563	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	1178396	192.363	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071515.D
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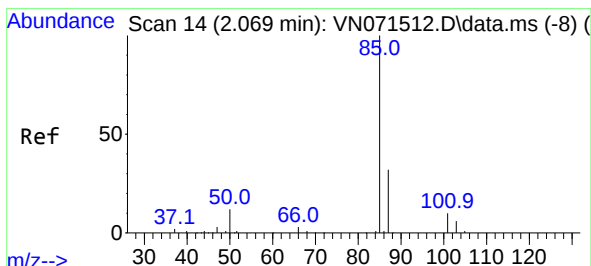
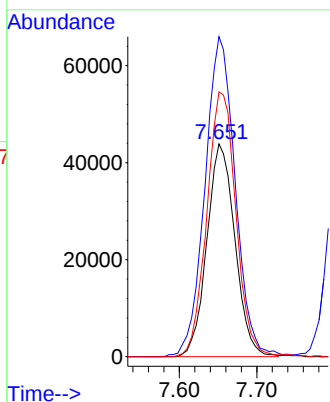
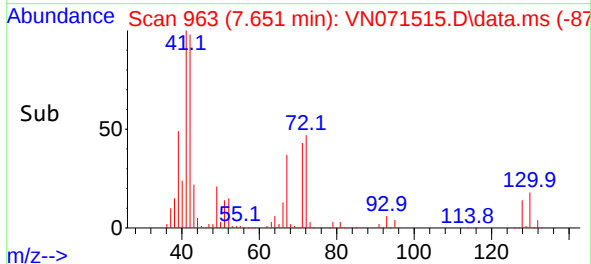
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



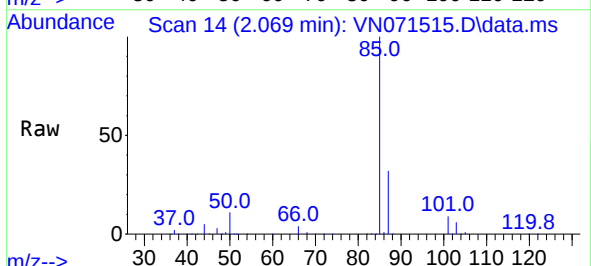
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Ion Ratio Lower Upper
128 100
49 162.2 0.0 392.3
130 129.0 0.0 320.2

Manual Integrations
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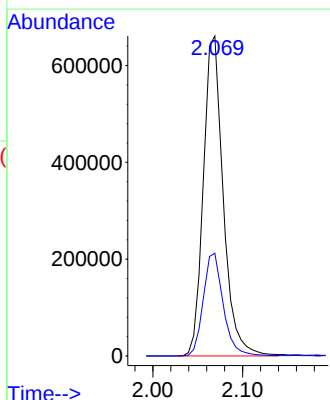
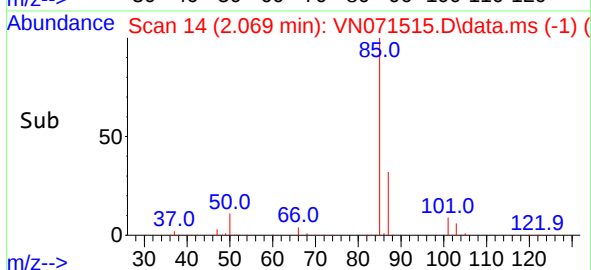
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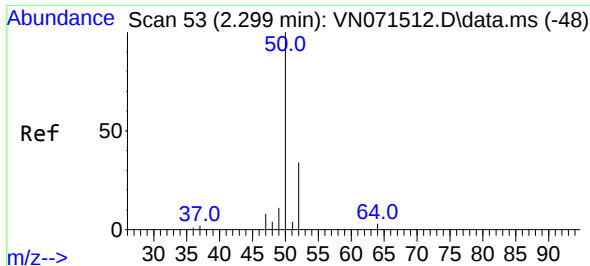


#2
Dichlorodifluoromethane
Concen: 143.115 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



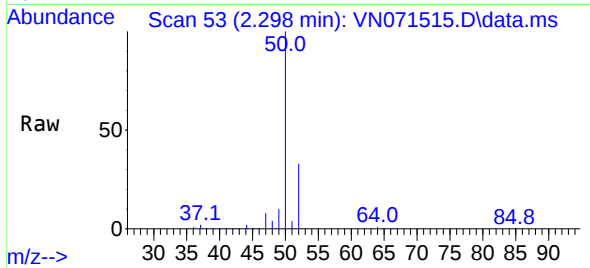
Tgt Ion: 85 Resp: 1018650
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





#3
Chloromethane
Concen: 125.321 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

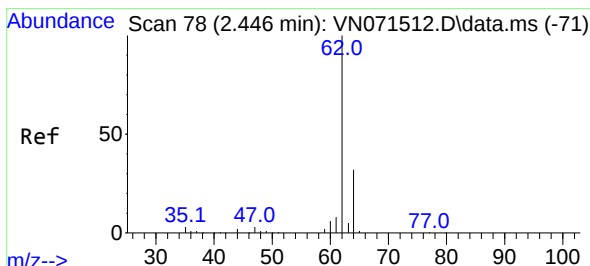
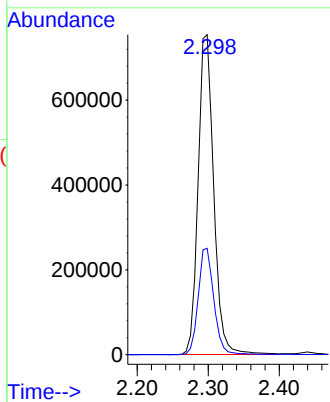
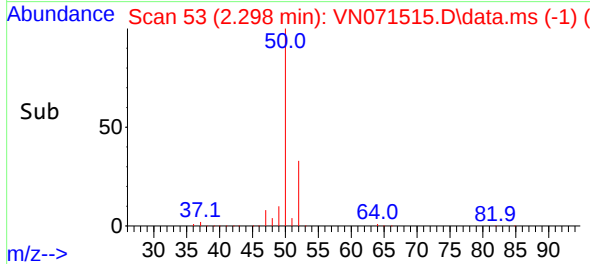
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



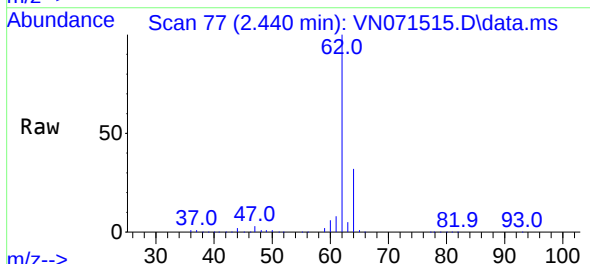
Tgt Ion: 50 Resp: 1155989
Ion Ratio Lower Upper
50 100
52 33.3 27.8 41.6

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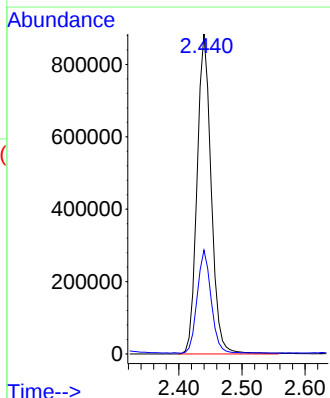
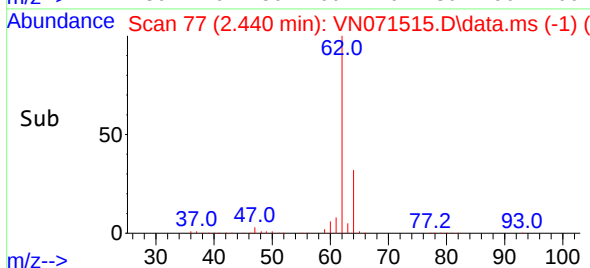
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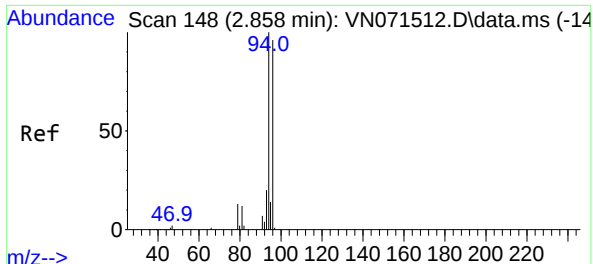


#4
Vinyl Chloride
Concen: 155.469 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



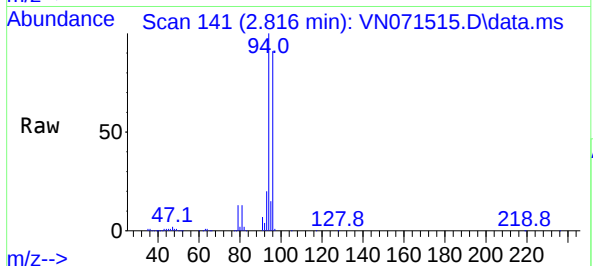
Tgt Ion: 62 Resp: 1370162
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 103.236 ug/l
RT: 2.816 min Scan# 148
Delta R.T. -0.041 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

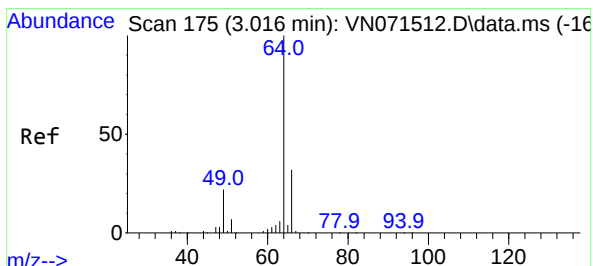
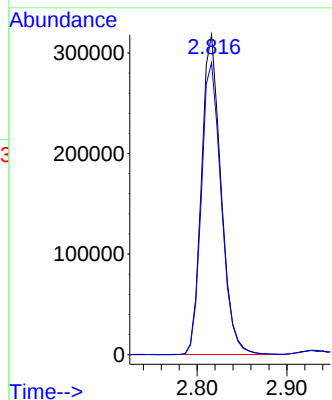
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 47994
Ion Ratio Lower Upper
94 100
96 91.2 75.2 112.8

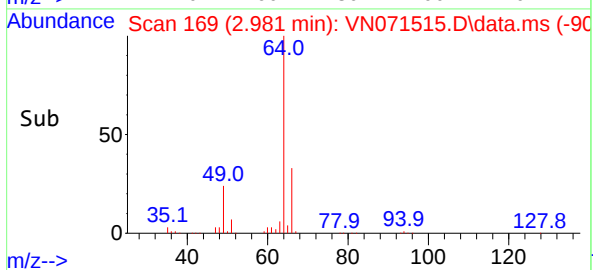
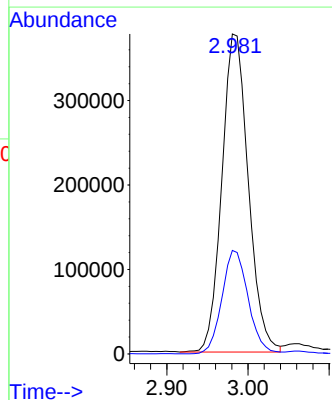
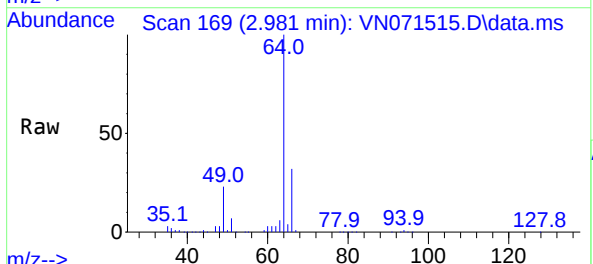
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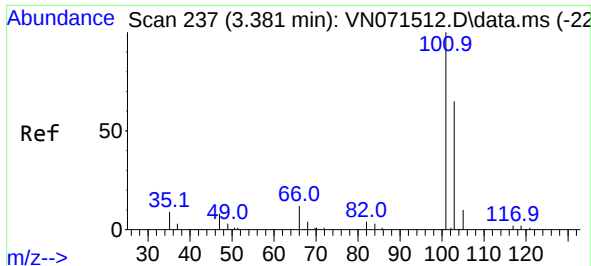
Reviewed By :John Carlone 03/25/2022
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#6
Chloroethane
Concen: 157.757 ug/l
RT: 2.981 min Scan# 169
Delta R.T. -0.036 min
Lab File: VN071515.D
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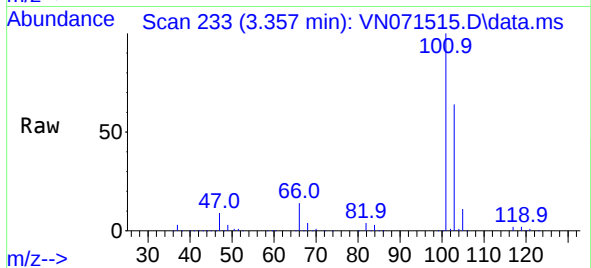
Tgt Ion: 64 Resp: 853006
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 142.975 ug/l
RT: 3.357 min Scan# 211
Delta R.T. -0.024 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

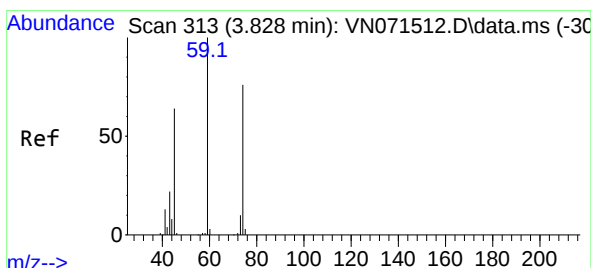
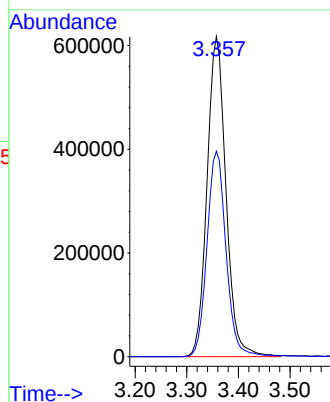
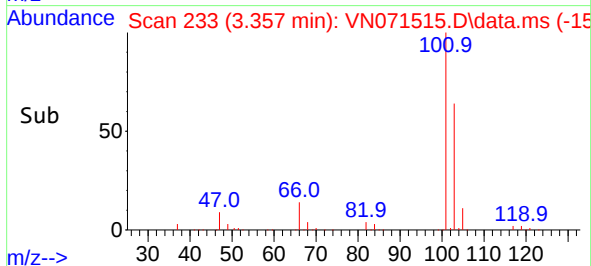
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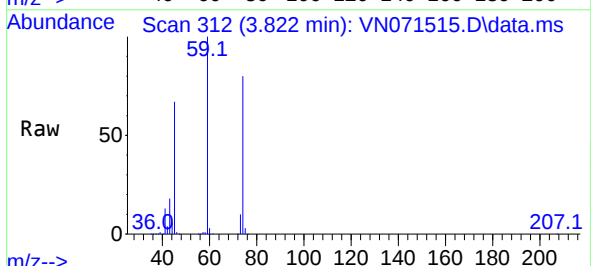
Tgt Ion:101 Resp: 1569590
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

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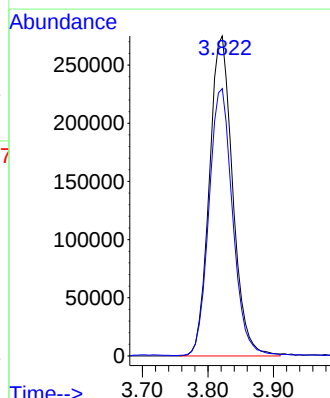
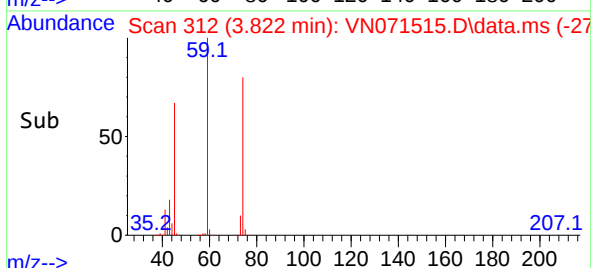
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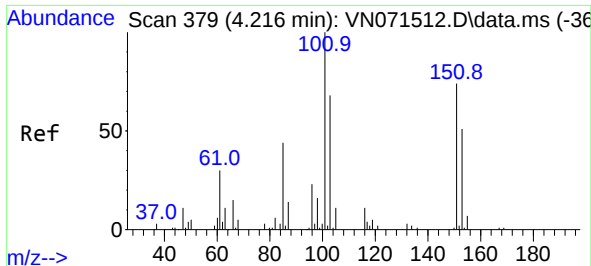


#8
Diethyl Ether
Concen: 142.871 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



Tgt Ion: 74 Resp: 680823
Ion Ratio Lower Upper
74 100
45 84.7 17.6 158.8





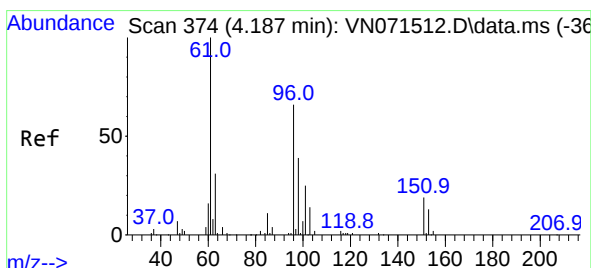
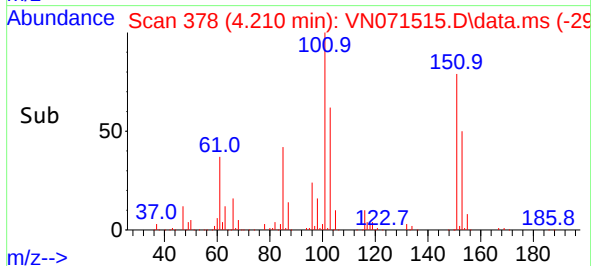
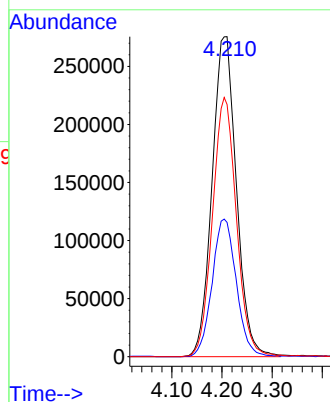
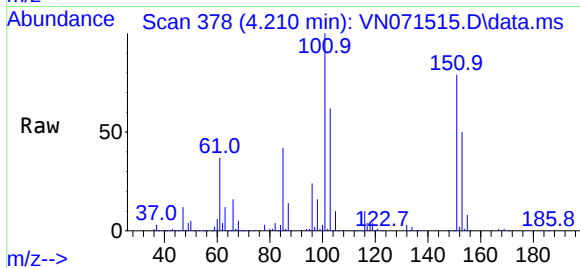
#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.892 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071515.D
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Instrument :
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ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 92942
Ion Ratio Lower Upper
101 100
85 42.8 0.0 94.0
151 79.7 0.0 74.6

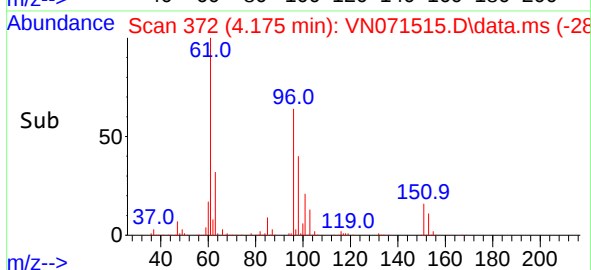
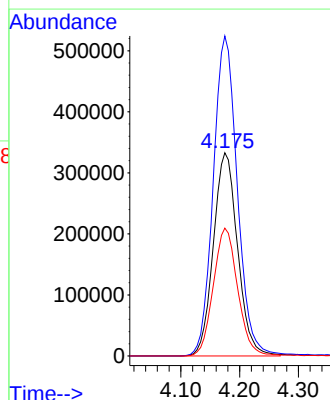
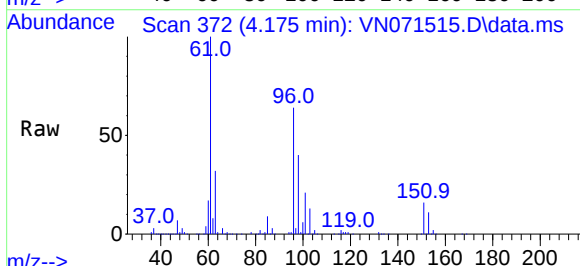
Manual Integrations
APPROVED

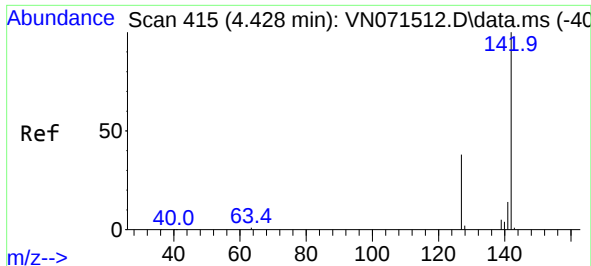
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 150.530 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

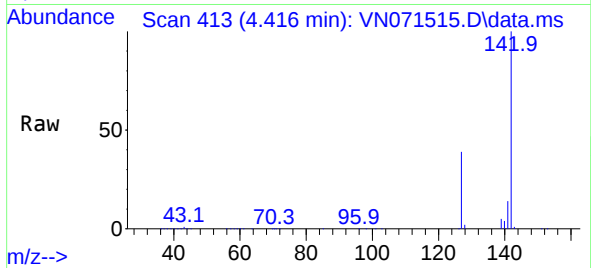
Tgt Ion: 96 Resp: 953259
Ion Ratio Lower Upper
96 100
61 157.4 126.2 189.4
98 62.9 50.9 76.3





#11
Methyl Iodide
Concen: 163.259 ug/l
RT: 4.416 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

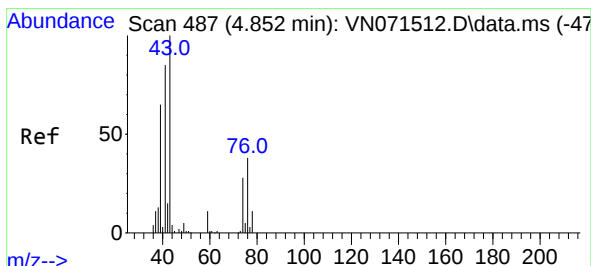
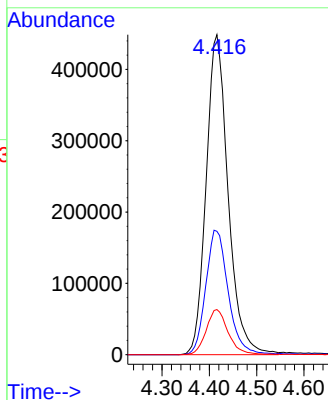
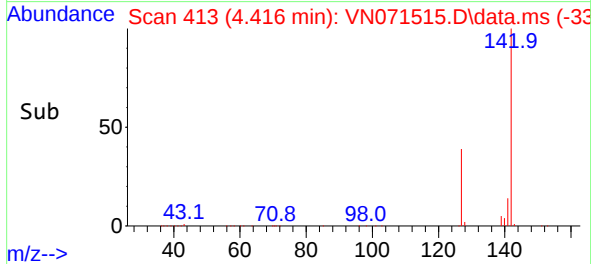
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 144575
Ion Ratio Lower Upper
142 100
127 38.5 24.0 72.0
141 14.1 8.4 25.2

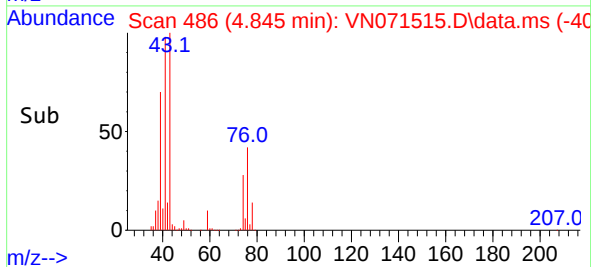
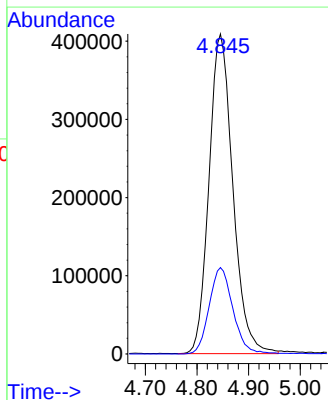
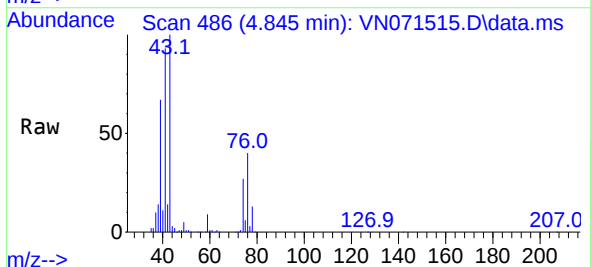
Manual Integrations
APPROVED

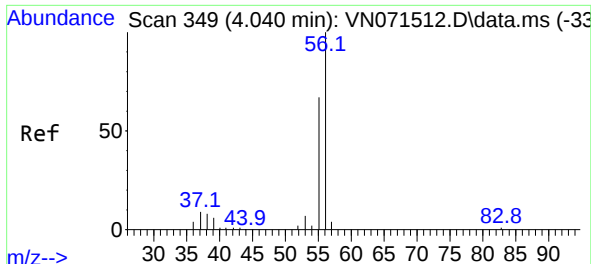
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 113.910 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

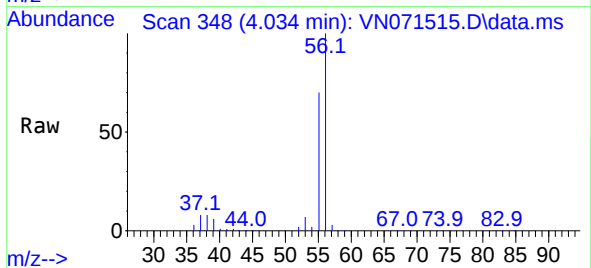
Tgt Ion: 43 Resp: 1309251
Ion Ratio Lower Upper
43 100
74 27.0 20.8 31.2





#13
Acrolein
Concen: 504.617 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

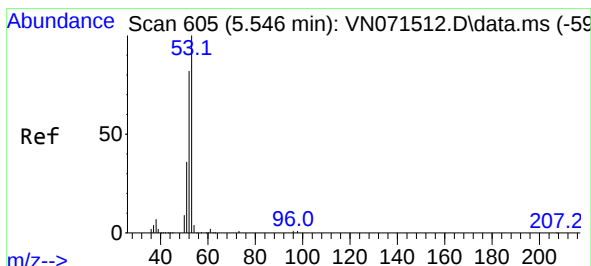
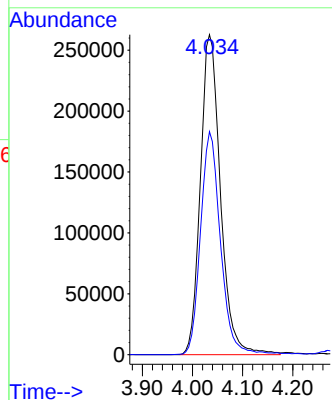
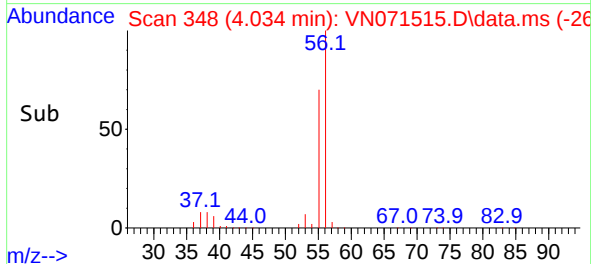
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



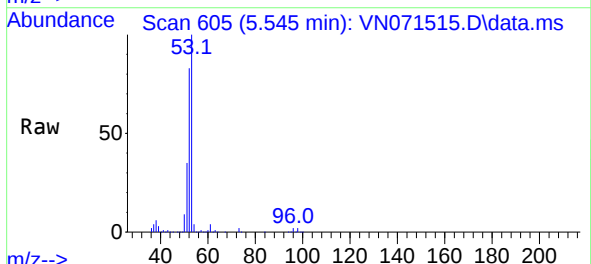
Tgt Ion: 56 Resp: 732024
Ion Ratio Lower Upper
56 100
55 67.9 57.6 86.4

Manual Integrations
APPROVED

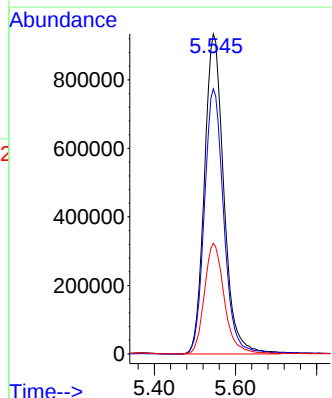
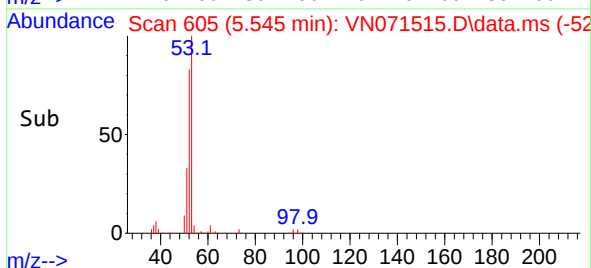
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

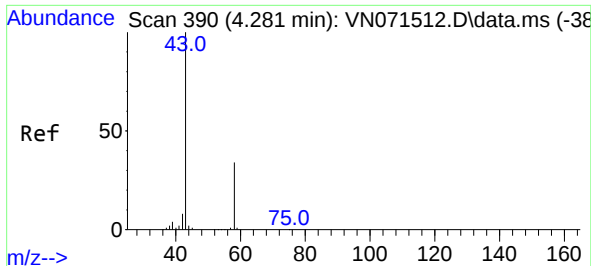


#14
Acrylonitrile
Concen: 637.676 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



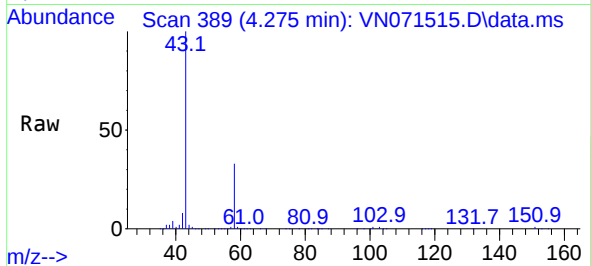
Tgt Ion: 53 Resp: 3090763
Ion Ratio Lower Upper
53 100
52 82.8 41.8 125.4
51 35.3 19.0 57.0





#15
Acetone
Concen: 623.982 ug/l
RT: 4.275 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

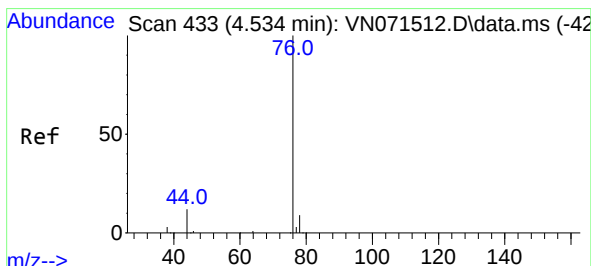
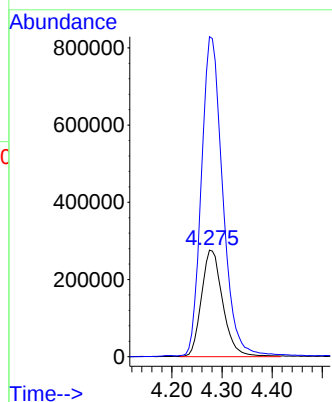
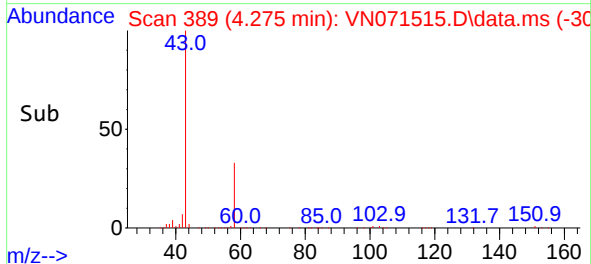
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



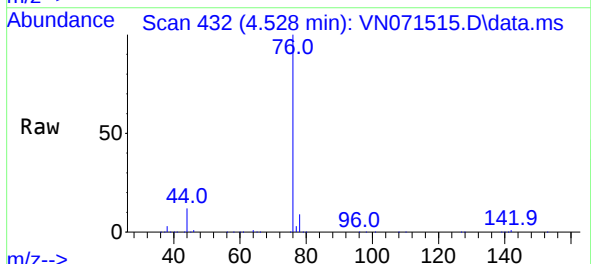
Tgt Ion: 58 Resp: 816368
Ion Ratio Lower Upper
58 100
43 299.8 256.6 384.8

Manual Integrations
APPROVED

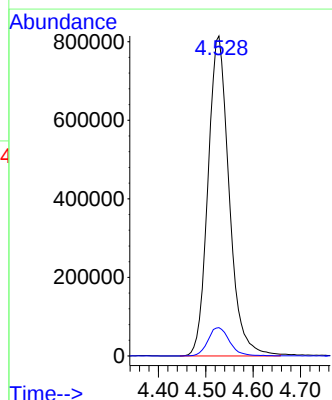
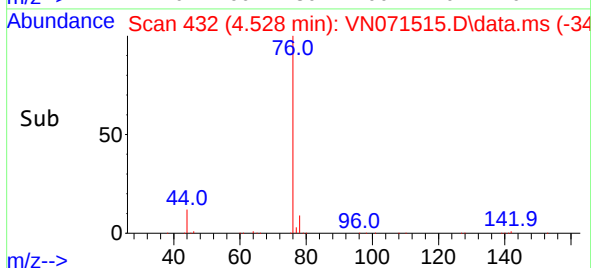
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

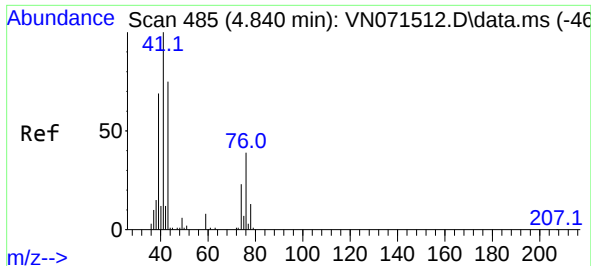


#16
Carbon Disulfide
Concen: 148.506 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



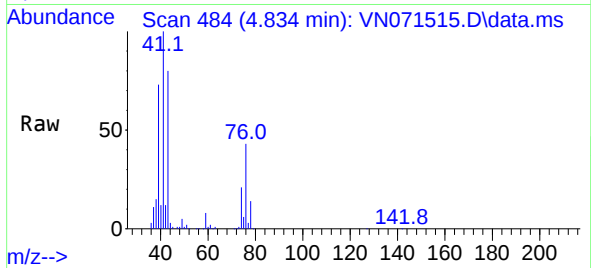
Tgt Ion: 76 Resp: 2528608
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17
 Allyl chloride
 Concen: 127.428 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN071515.D
 Acq: 24 Mar 2022 11:41

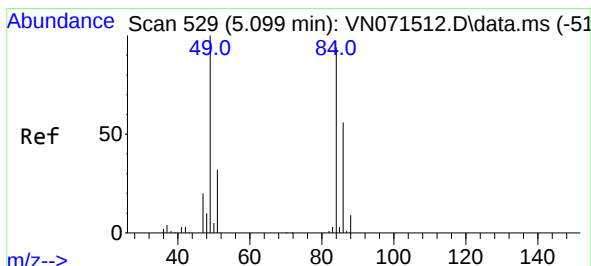
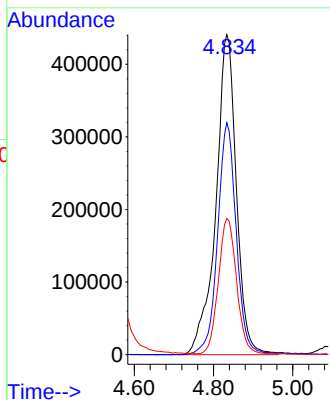
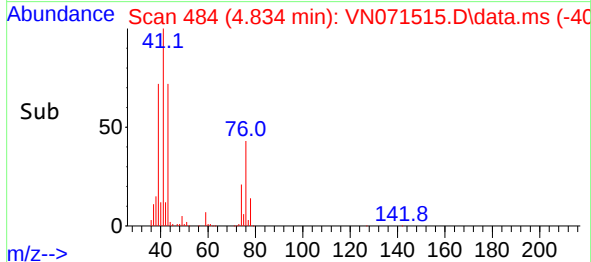
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 158924
 Ion Ratio Lower Upper
 41 100
 39 72.4 44.6 134.0
 76 42.2 19.6 58.7

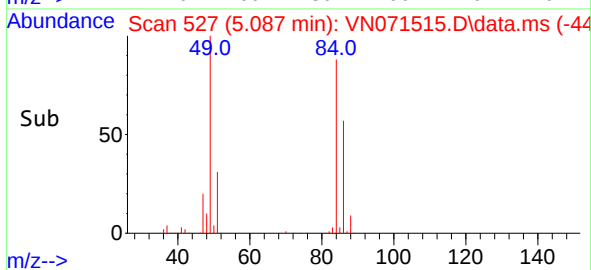
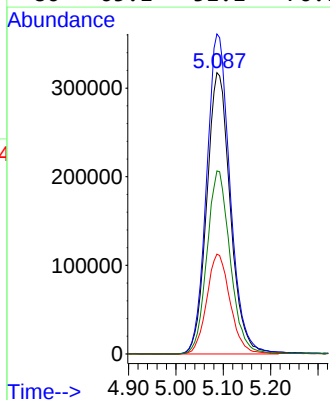
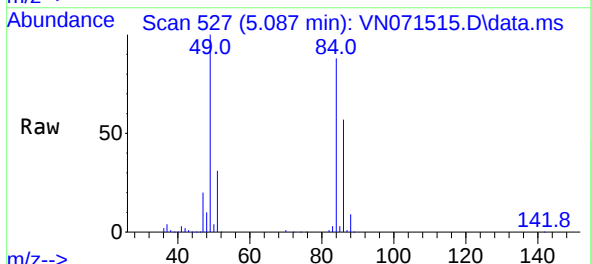
Manual Integrations
 APPROVED

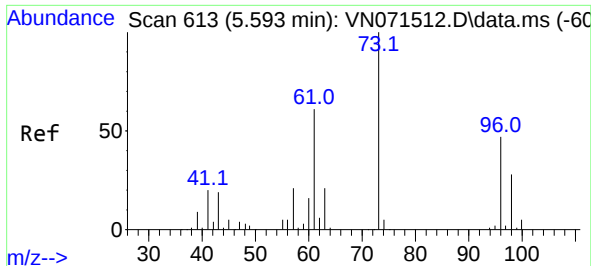
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#18
 Methylene Chloride
 Concen: 142.700 ug/l
 RT: 5.087 min Scan# 527
 Delta R.T. -0.012 min
 Lab File: VN071515.D
 Acq: 24 Mar 2022 11:41

Tgt Ion: 84 Resp: 1097450
 Ion Ratio Lower Upper
 84 100
 49 113.7 91.4 137.0
 51 35.5 29.4 44.0
 86 65.1 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 152.167 ug/l

RT: 5.592 min Scan# 613

Delta R.T. -0.000 min

Lab File: VN071515.D

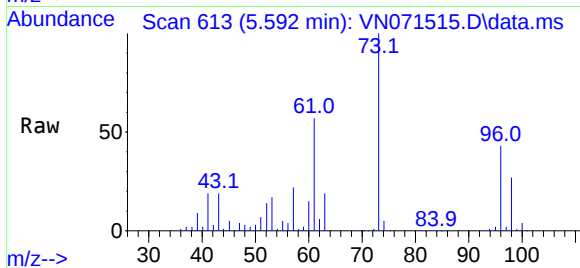
Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150



Tgt Ion: 96 Resp: 101609

Ion Ratio Lower Upper

96 100

61 134.1 102.8 154.2

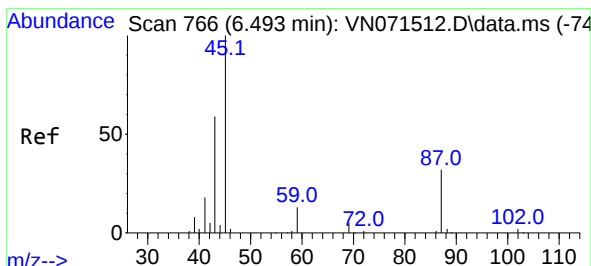
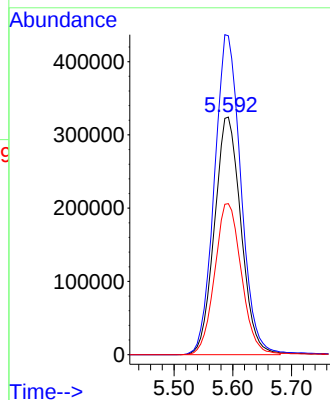
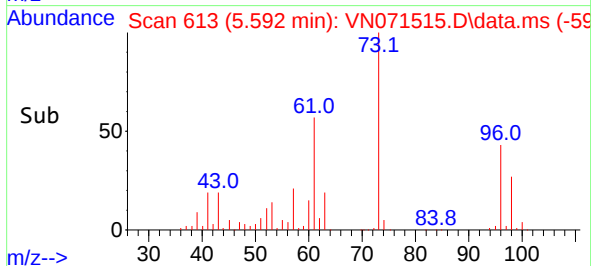
98 63.5 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#20

Diisopropyl ether

Concen: 126.056 ug/l

RT: 6.492 min Scan# 766

Delta R.T. -0.000 min

Lab File: VN071515.D

Acq: 24 Mar 2022 11:41

Tgt Ion: 45 Resp: 3215560

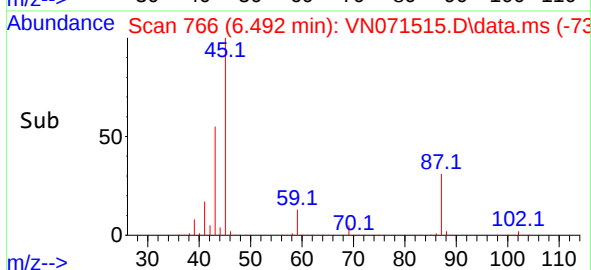
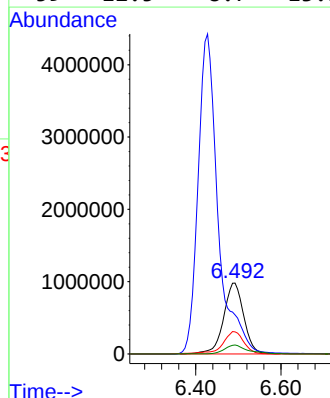
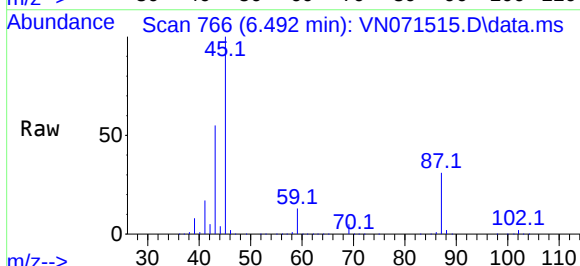
Ion Ratio Lower Upper

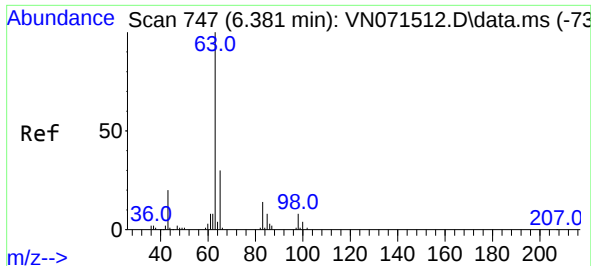
45 100

43 54.1 51.0 76.4

87 31.1 25.0 37.4

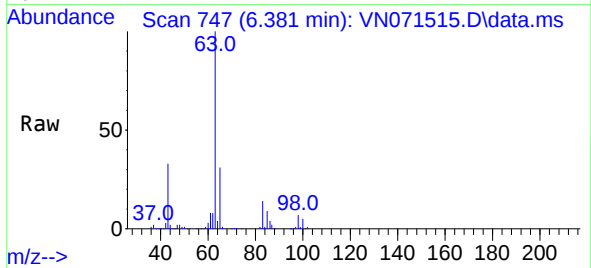
59 12.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 140.054 ug/l
RT: 6.381 min Scan# 747
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

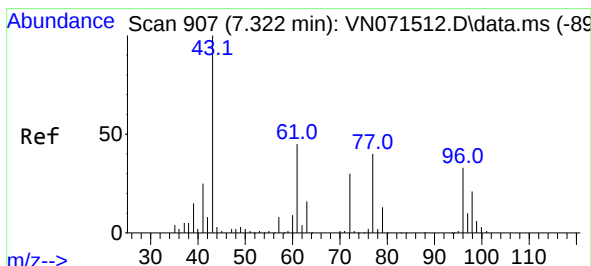
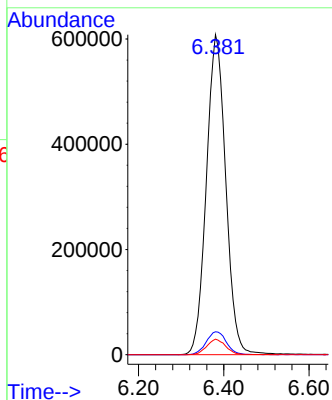
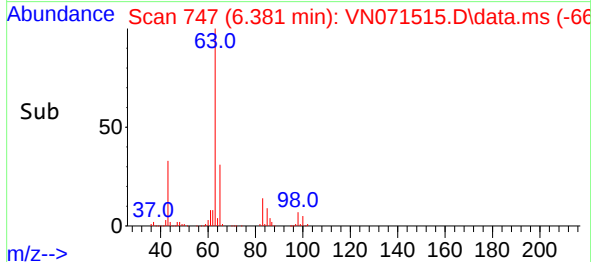
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



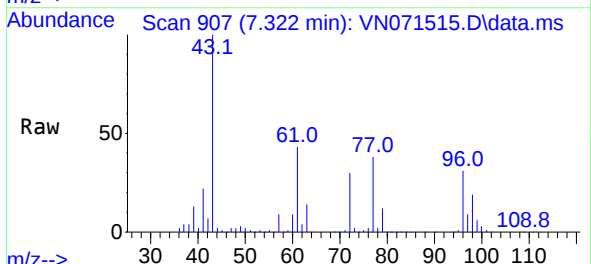
Tgt Ion: 63 Resp: 192192
Ion Ratio Lower Upper
63 100
98 7.1 3.2 9.6
100 4.9 2.1 6.2

Manual Integrations
APPROVED

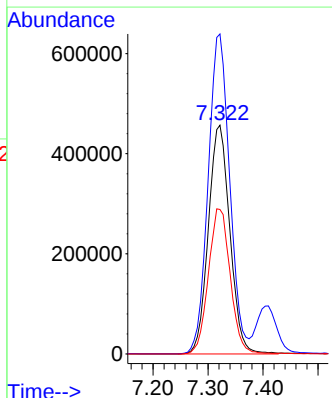
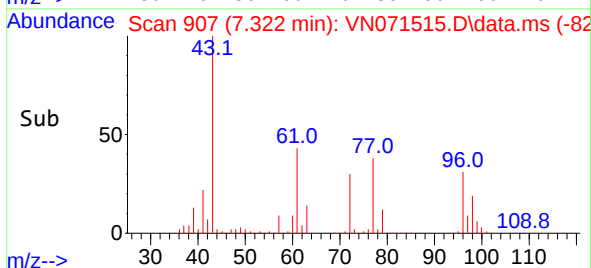
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

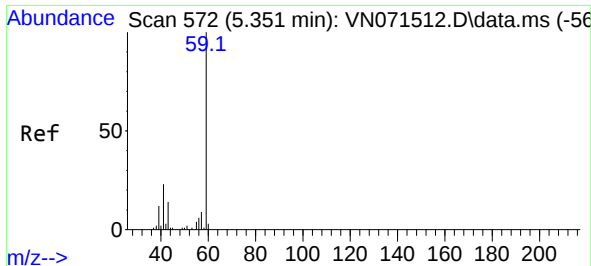


#22
cis-1,2-Dichloroethene
Concen: 153.382 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



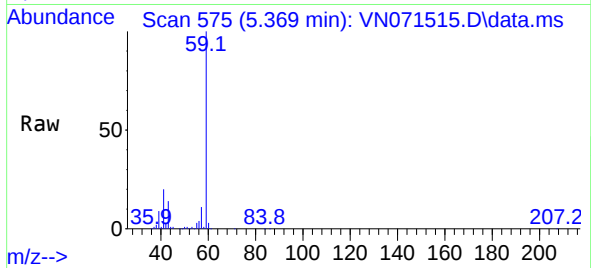
Tgt Ion: 96 Resp: 1243569
Ion Ratio Lower Upper
96 100
61 139.9 115.7 173.5
98 64.2 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 678.123 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

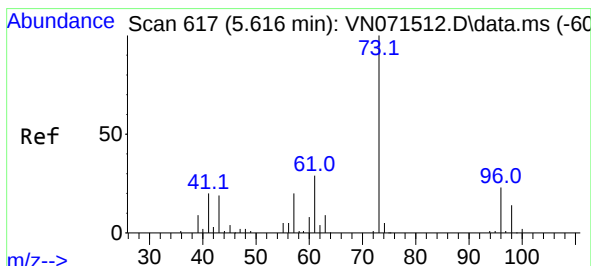
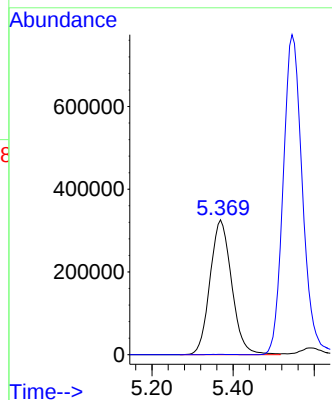
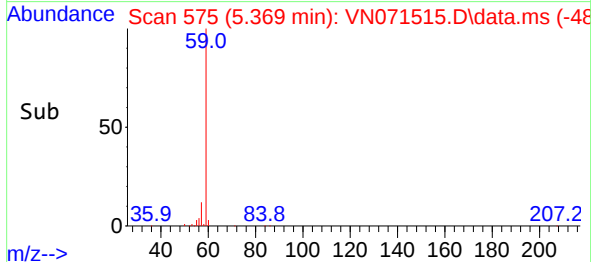
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 59 Resp: 1207504
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

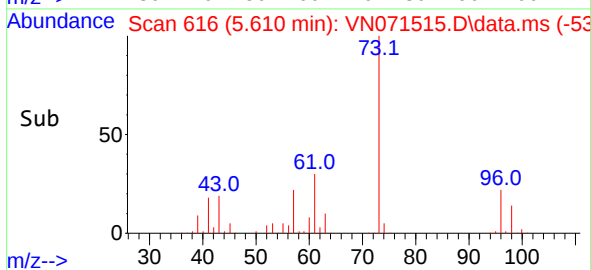
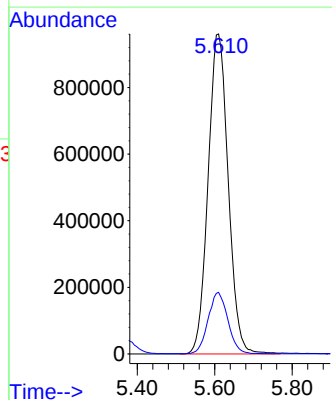
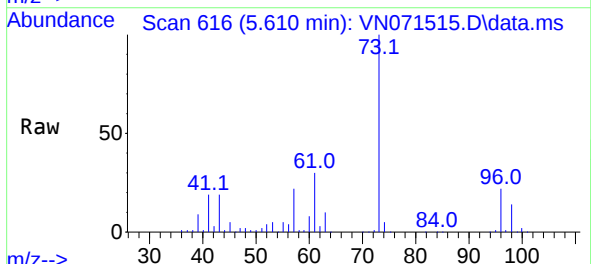
Manual Integrations
APPROVED

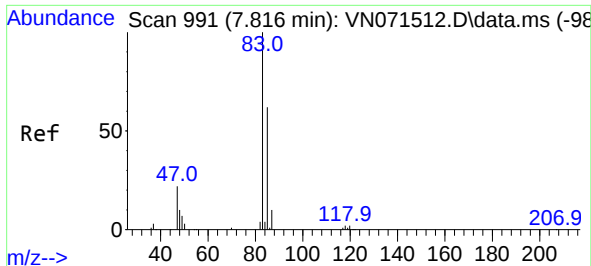
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 144.627 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

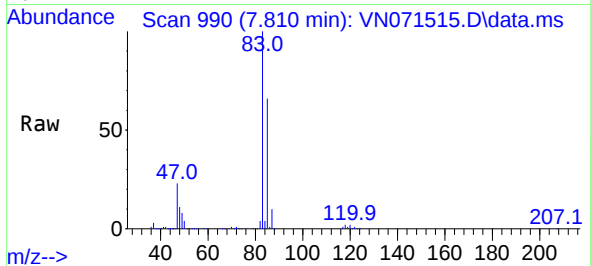
Tgt Ion: 73 Resp: 3463924
Ion Ratio Lower Upper
73 100
43 18.7 18.1 27.1





#25
Chloroform
Concen: 144.234 ug/l
RT: 7.810 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

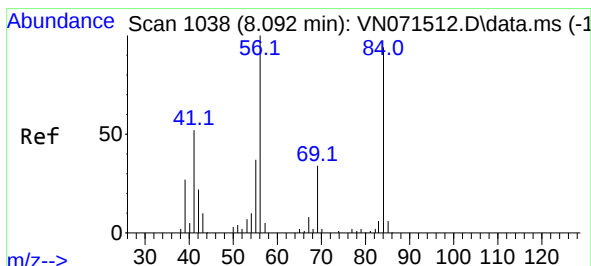
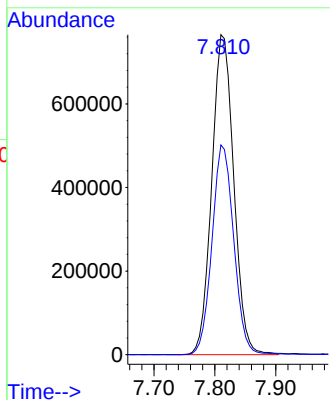
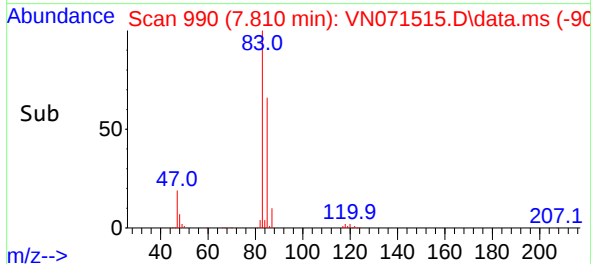
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 192265
Ion Ratio Lower Upper
83 100
85 65.5 51.3 76.9

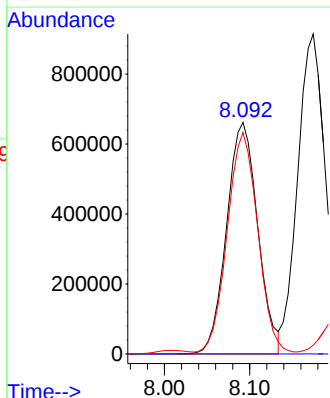
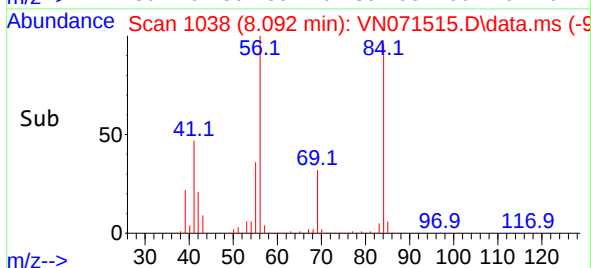
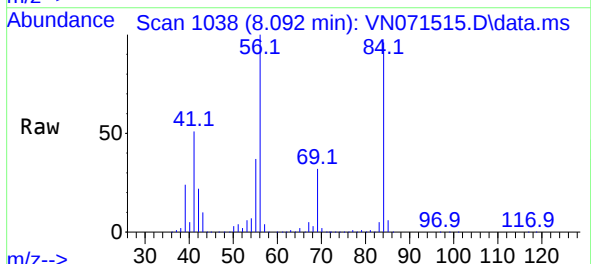
Manual Integrations
APPROVED

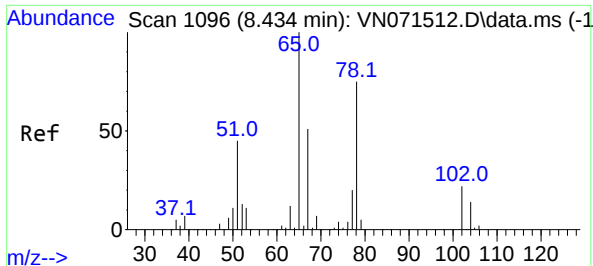
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#26
Cyclohexane
Concen: 136.095 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion: 56 Resp: 1683624
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.3 74.6 111.8





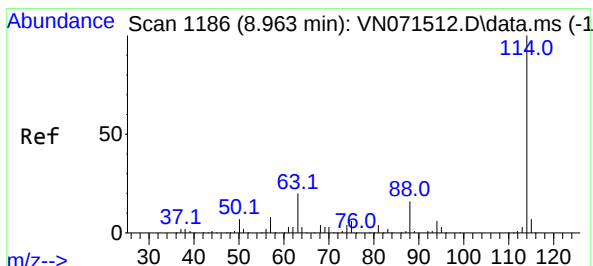
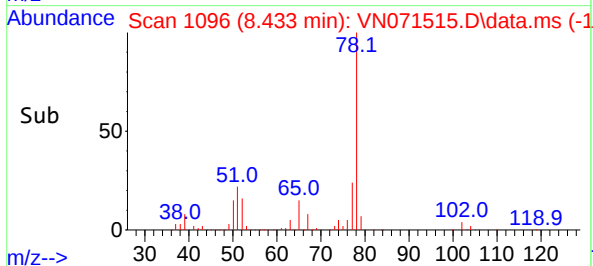
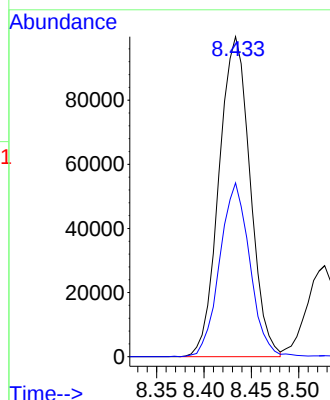
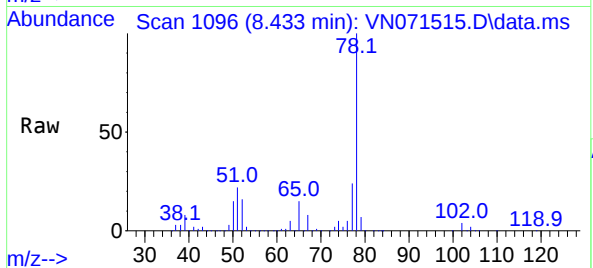
#27
1,2-Dichloroethane-d4
Concen: 26.544 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 22797
Ion Ratio Lower Upper
65 100
67 52.2 40.2 60.2

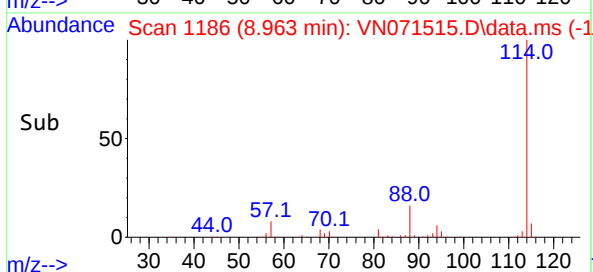
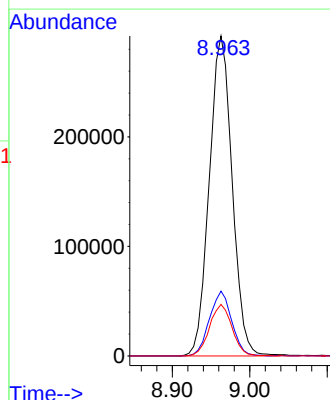
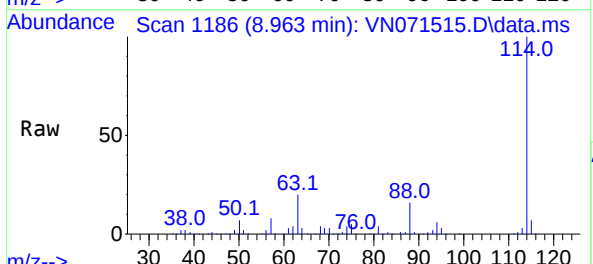
Manual Integrations
APPROVED

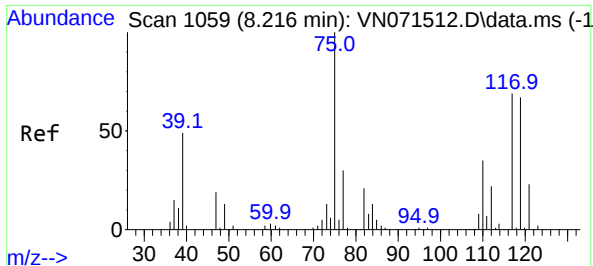
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion:114 Resp: 599571
Ion Ratio Lower Upper
114 100
63 19.7 15.8 23.6
88 15.9 11.6 17.4





#29
1,1-Dichloropropene
Concen: 154.886 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

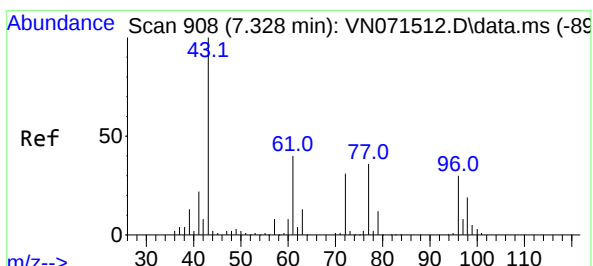
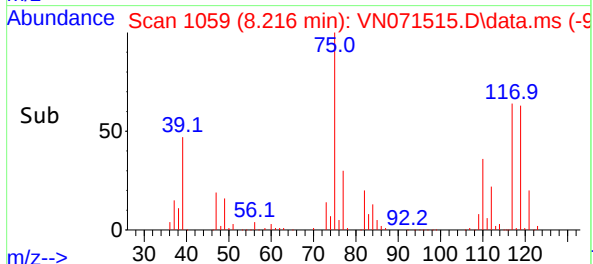
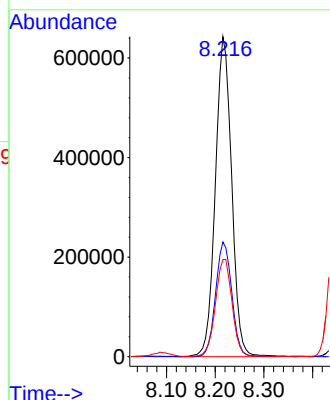
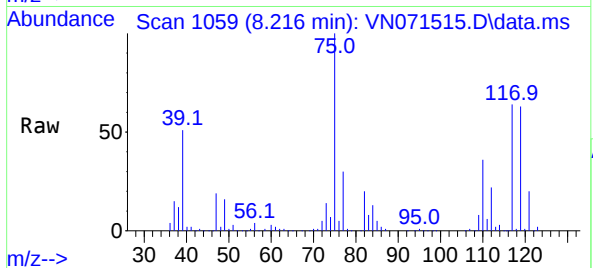
Tgt Ion: 75 Resp: 149281
Ion Ratio Lower Upper
75 100
110 35.6 0.0 74.2
77 31.0 0.0 63.2

Manual Integrations

APPROVED

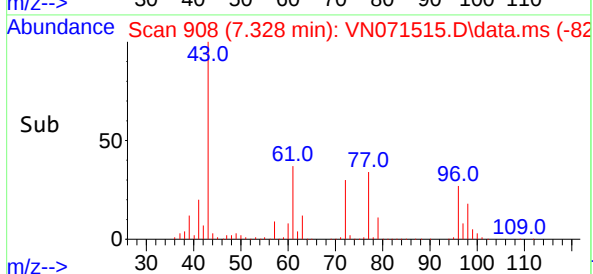
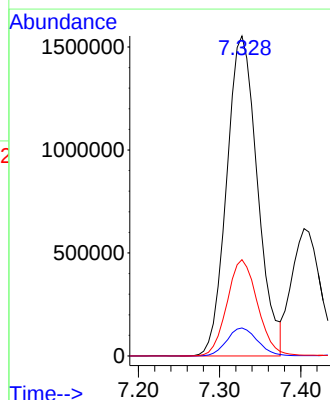
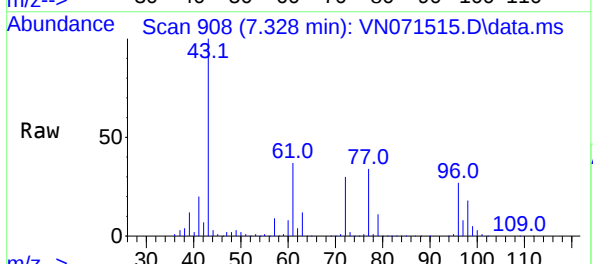
Reviewed By :John Carlone 03/25/2022

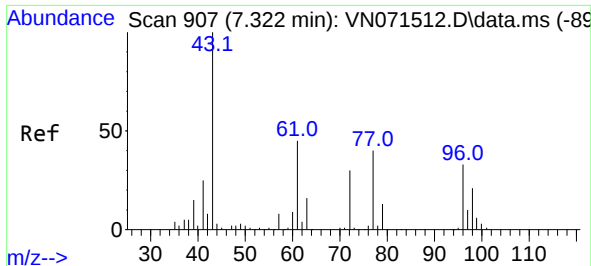
Supervised By :Mahesh Dadoda 03/25/2022



#30
2-Butanone
Concen: 626.060 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion: 43 Resp: 4098997
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 29.8 23.2 34.8





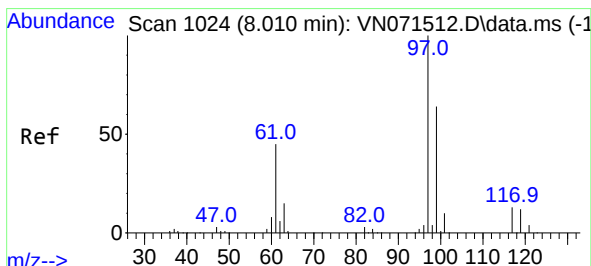
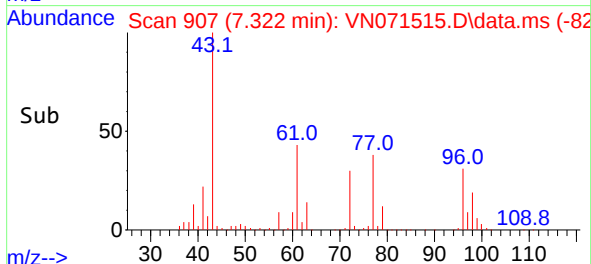
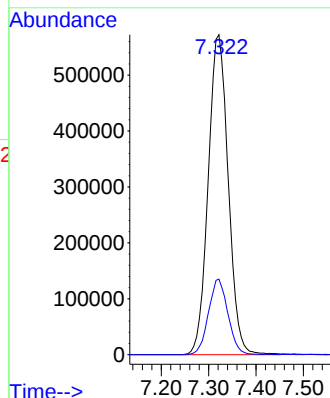
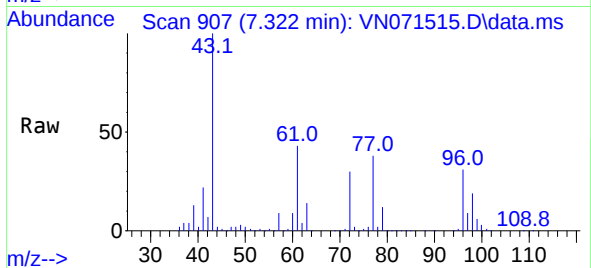
#31
2,2-Dichloropropane
Concen: 179.224 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 1682050
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

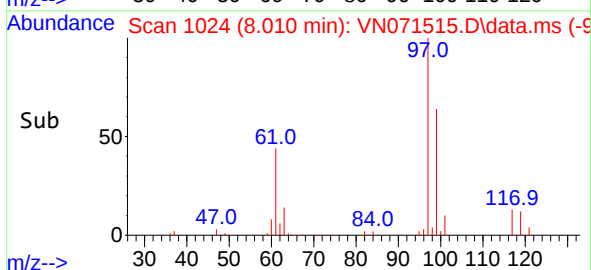
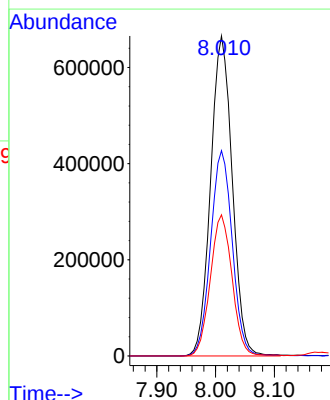
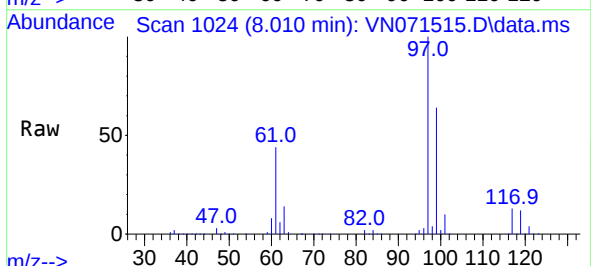
Manual Integrations
APPROVED

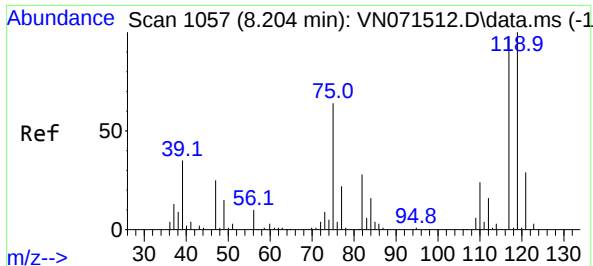
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#32
1,1,1-Trichloroethane
Concen: 151.894 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

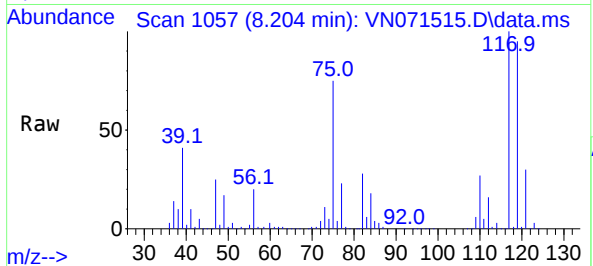
Tgt Ion: 97 Resp: 1703072
Ion Ratio Lower Upper
97 100
99 64.1 50.4 75.6
61 44.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 153.658 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

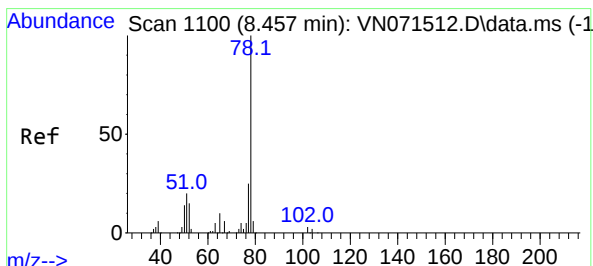
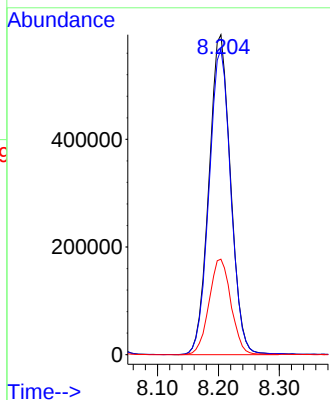
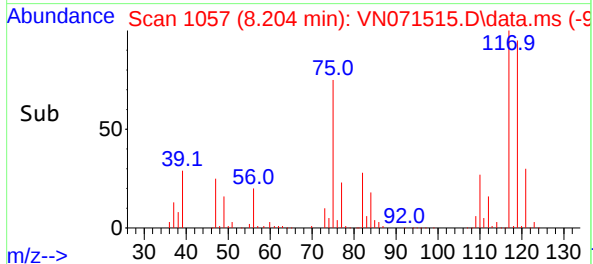
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



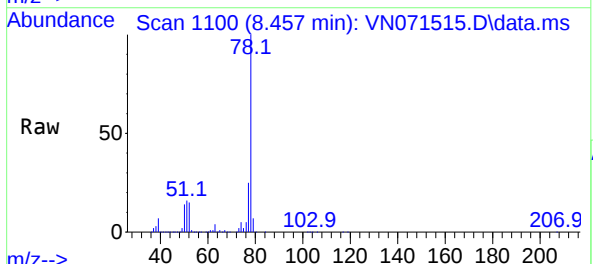
Tgt Ion: 117 Resp: 1466290
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
121 29.8 23.5 35.3

Manual Integrations
APPROVED

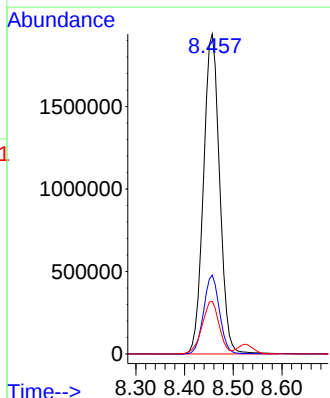
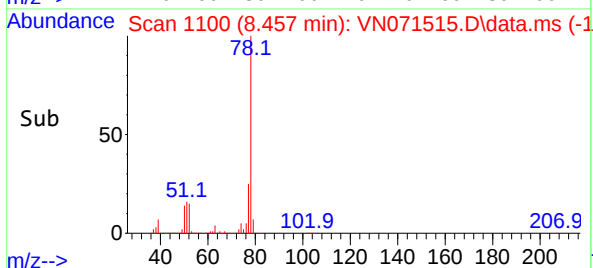
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

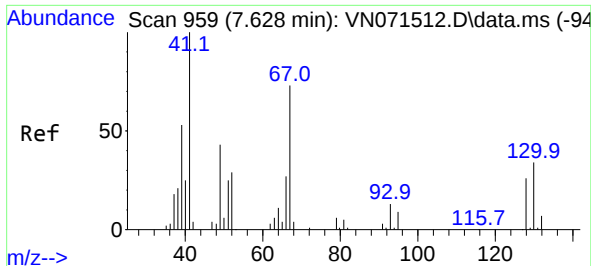


#34
Benzene
Concen: 149.298 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



Tgt Ion: 78 Resp: 4458732
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 16.4 16.0 24.0





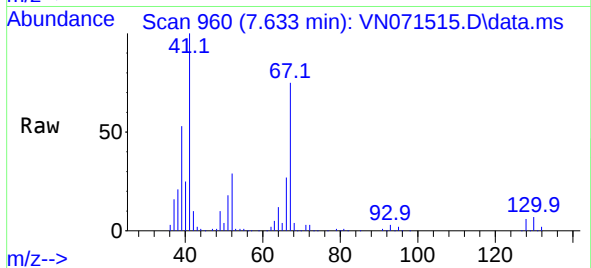
#35
Methacrylonitrile
Concen: 124.541 ug/l
RT: 7.633 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

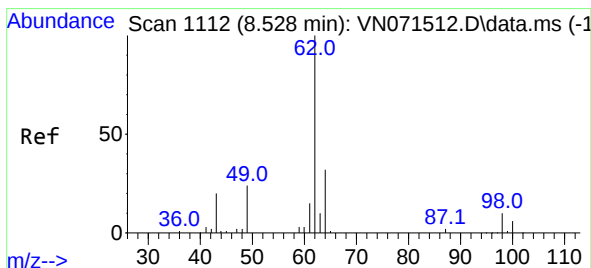
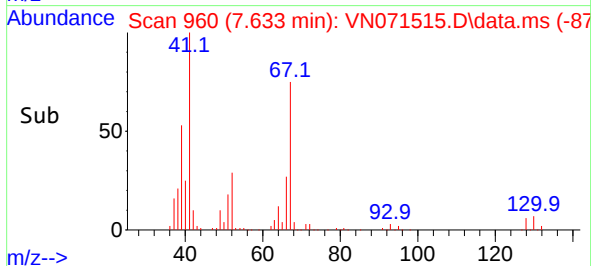
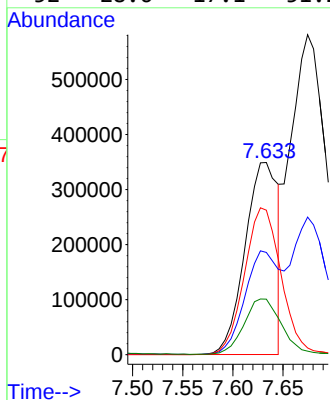


Tgt Ion: 41 Resp: 791069
Ion Ratio Lower Upper
41 100
39 53.1 28.0 83.9
67 75.3 37.7 113.1
52 28.6 17.1 51.2

Manual Integrations

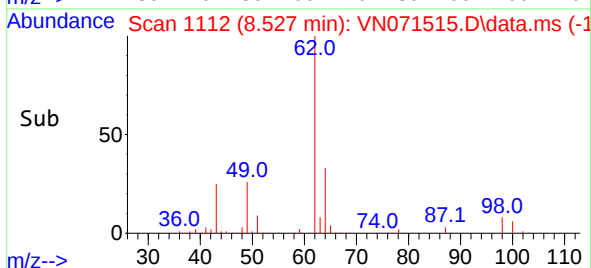
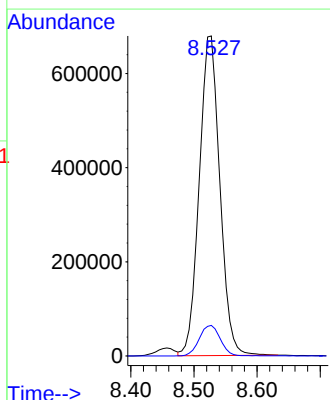
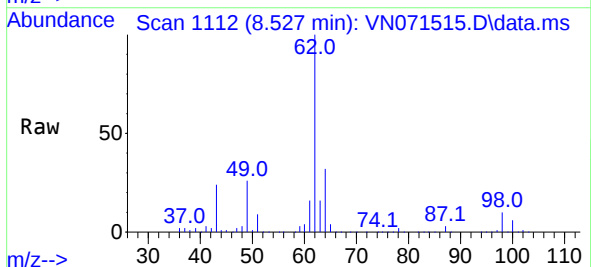
APPROVED

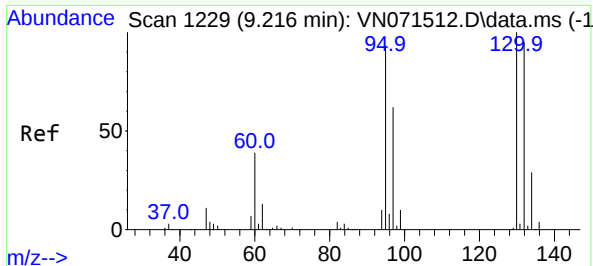
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#36
1,2-Dichloroethane
Concen: 145.079 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion: 62 Resp: 1538038
Ion Ratio Lower Upper
62 100
98 9.8 6.6 10.0





#37
Trichloroethene
Concen: 163.786 ug/l
RT: 9.210 min Scan# 1185470
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

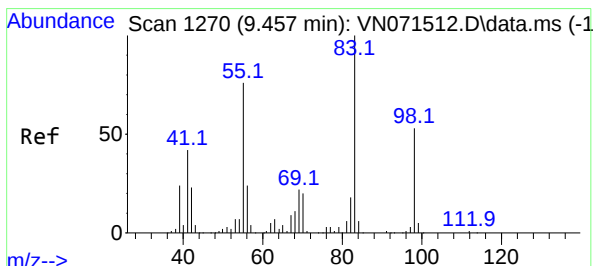
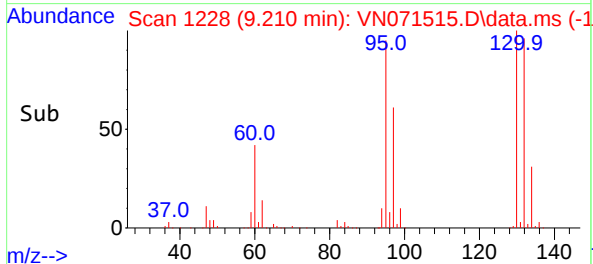
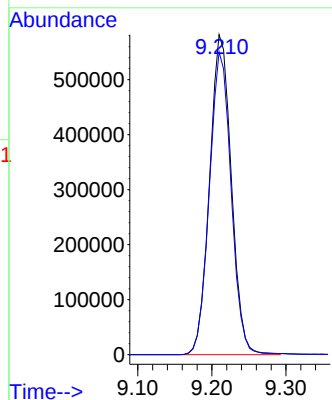
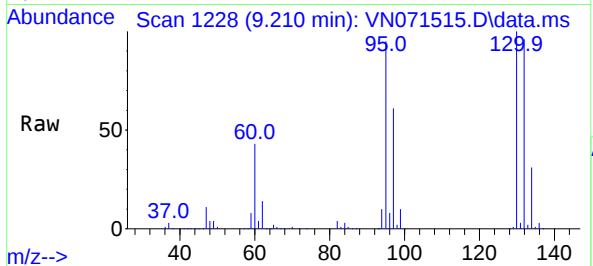
VSTDIC150

Tgt Ion:130 Resp: 1185470
Ion Ratio Lower Upper
130 100
95 94.6 76.6 115.0

Manual Integrations

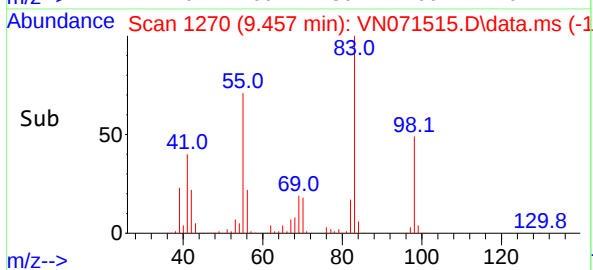
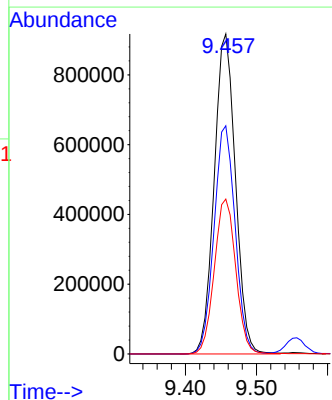
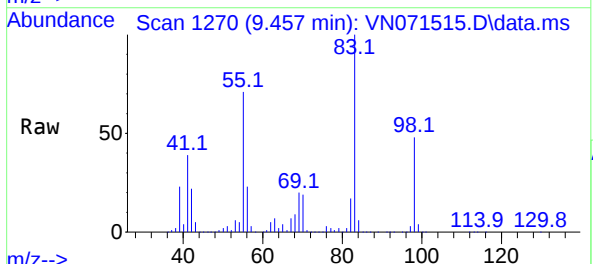
APPROVED

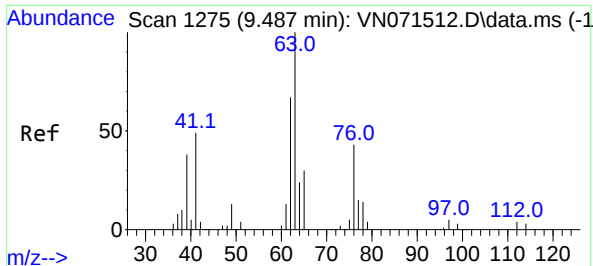
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Methylcyclohexane
Concen: 162.240 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion: 83 Resp: 1900870
Ion Ratio Lower Upper
83 100
55 71.1 35.1 105.3
98 48.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 143.769 ug/l

RT: 9.486 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071515.D

Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 112442

Ion Ratio Lower Upper

63 100

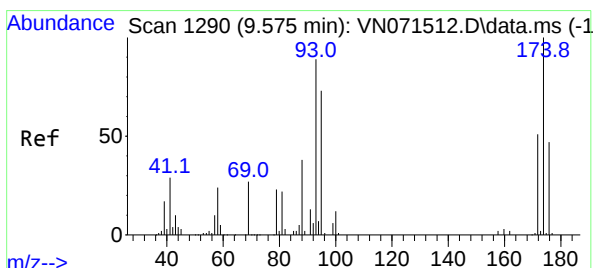
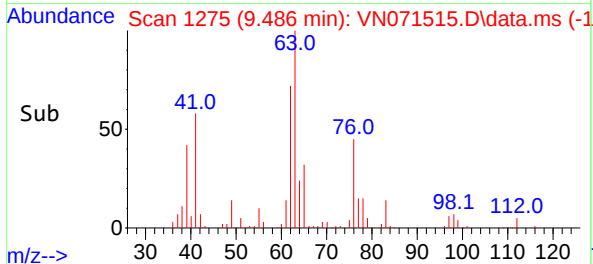
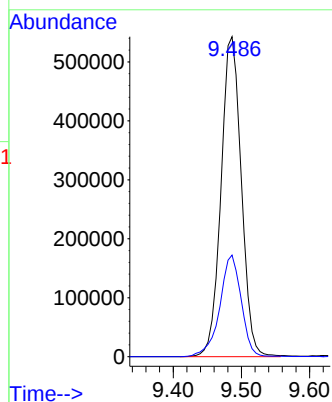
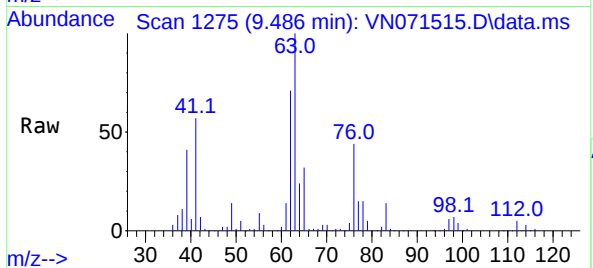
65 31.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#40

Dibromomethane

Concen: 152.095 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN071515.D

Acq: 24 Mar 2022 11:41

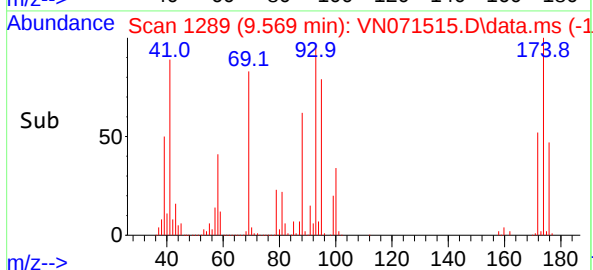
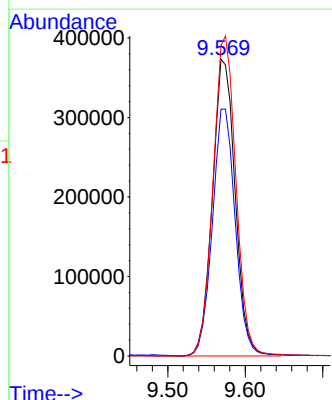
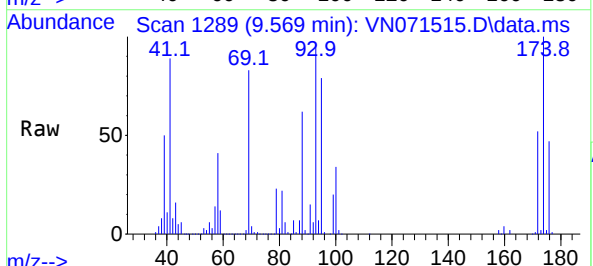
Tgt Ion: 93 Resp: 763011

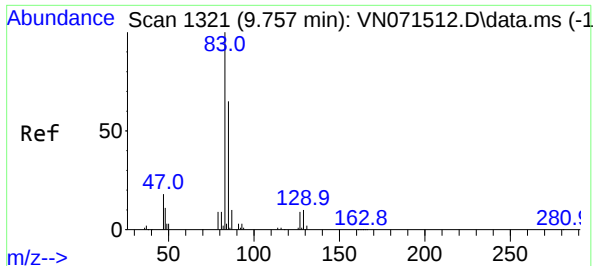
Ion Ratio Lower Upper

93 100

95 83.4 0.0 168.8

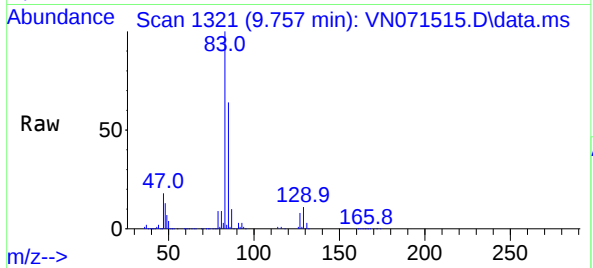
174 108.3 0.0 173.6





#41
Bromodichloromethane
Concen: 155.344 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

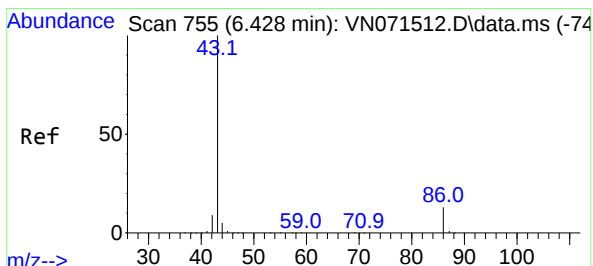
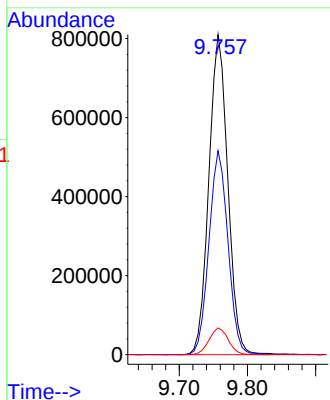
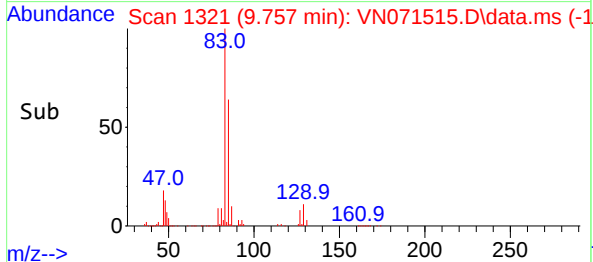
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 1566709
Ion Ratio Lower Upper
83 100
85 63.7 54.1 81.1
127 8.4 7.6 11.4

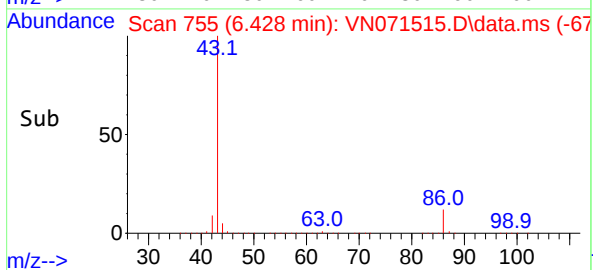
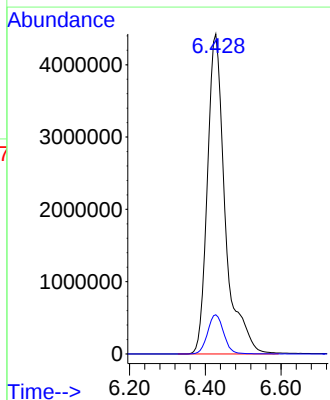
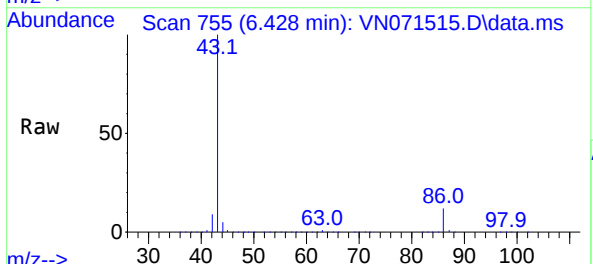
Manual Integrations
APPROVED

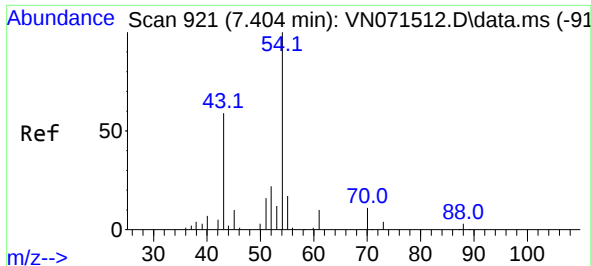
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#42
Vinyl Acetate
Concen: 670.517 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion: 43 Resp:14404729
Ion Ratio Lower Upper
43 100
86 11.1 7.5 11.3





#43

Ethyl Acetate

Concen: 123.036 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN071515.D

Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 156778

Ion Ratio Lower Upper

43 100

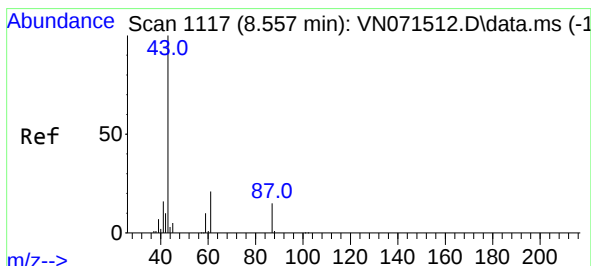
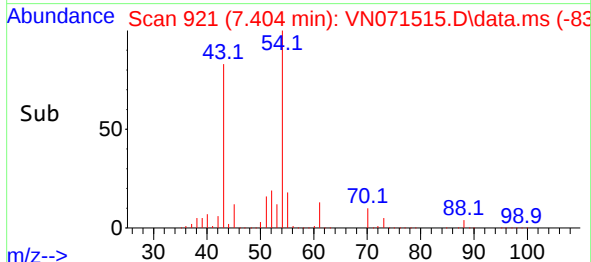
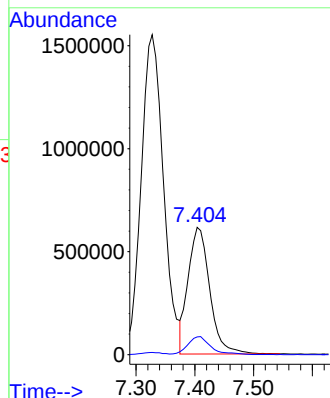
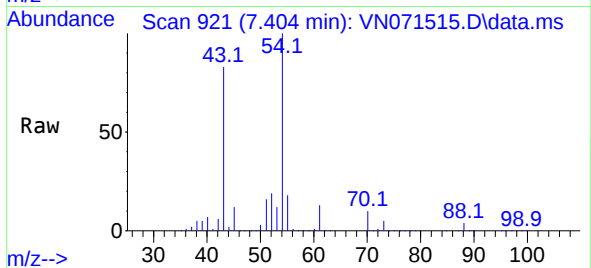
45 15.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#44

Isopropyl Acetate

Concen: 125.852 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071515.D

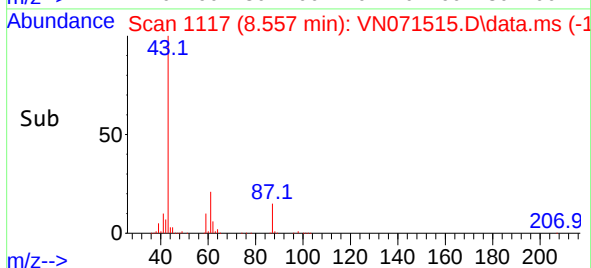
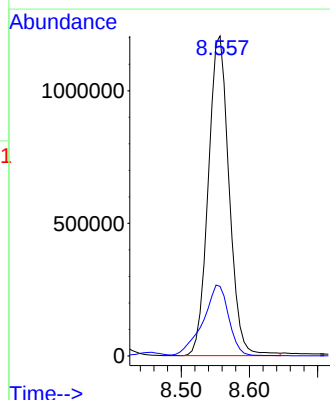
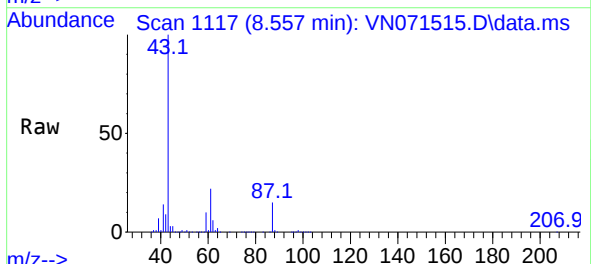
Acq: 24 Mar 2022 11:41

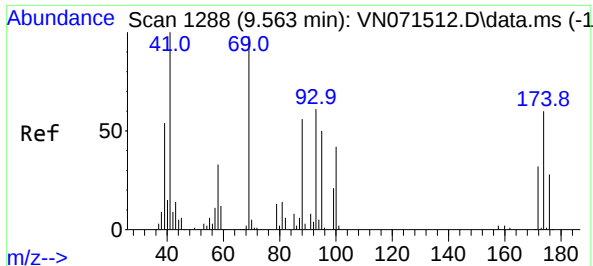
Tgt Ion: 43 Resp: 2567202

Ion Ratio Lower Upper

43 100

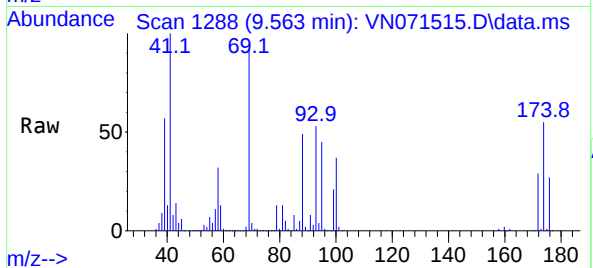
61 27.1 20.1 30.1





#45
1,4-Dioxane
Concen: 2871.378 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

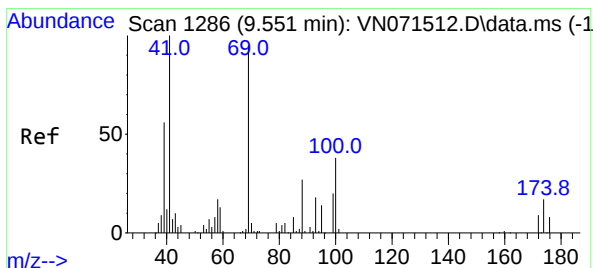
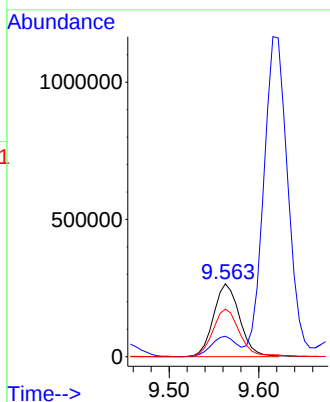
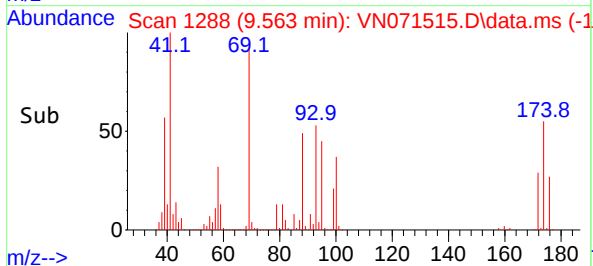
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



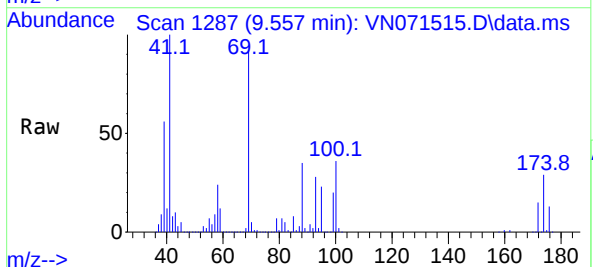
Tgt Ion: 88 Resp: 53455
Ion Ratio Lower Upper
88 100
43 26.7 25.0 37.6
58 65.8 49.4 74.2

Manual Integrations
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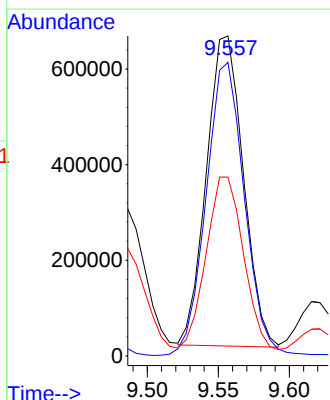
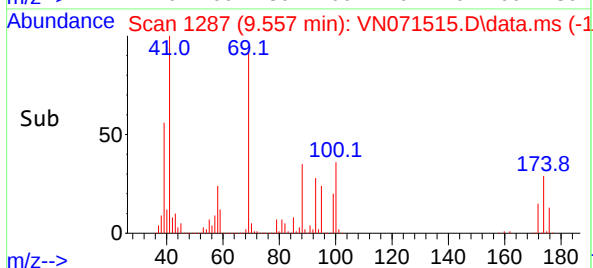
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

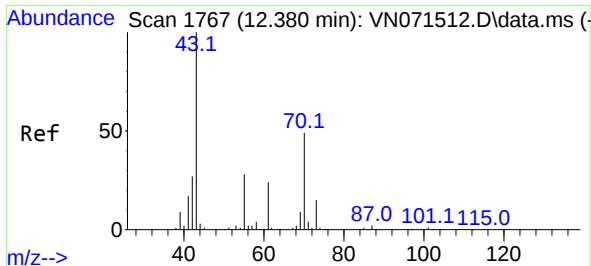


#46
Methyl methacrylate
Concen: 129.513 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



Tgt Ion: 41 Resp: 1172268
Ion Ratio Lower Upper
41 100
69 92.8 44.4 133.2
39 55.9 39.9 119.6





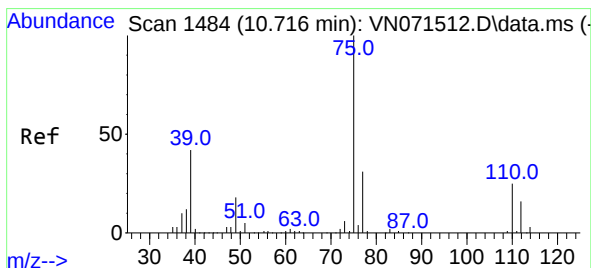
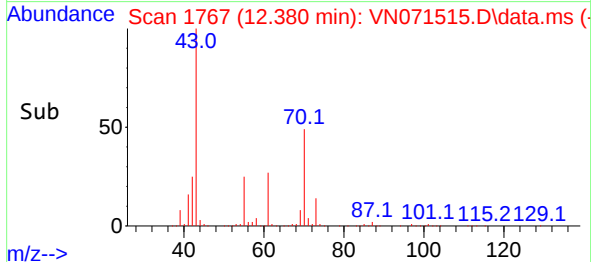
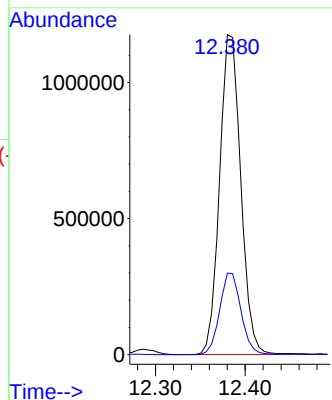
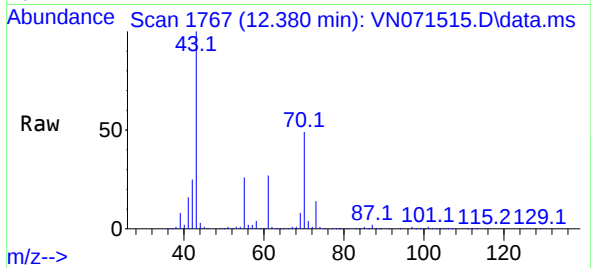
#47
n-amy1 Acetate
Concen: 142.533 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1925628
Ion Ratio Lower Upper
43 100
55 25.8 19.0 28.6

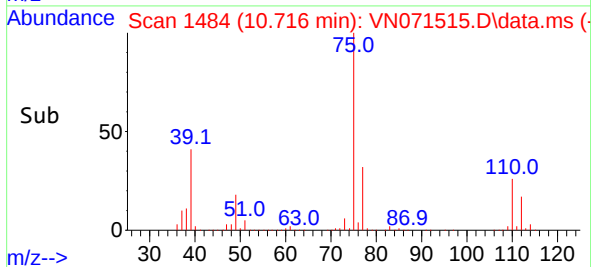
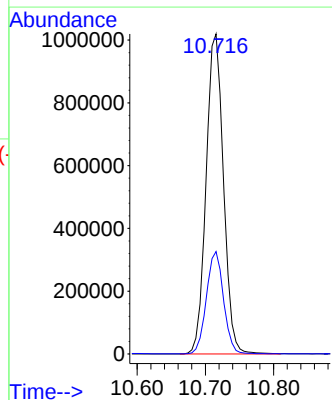
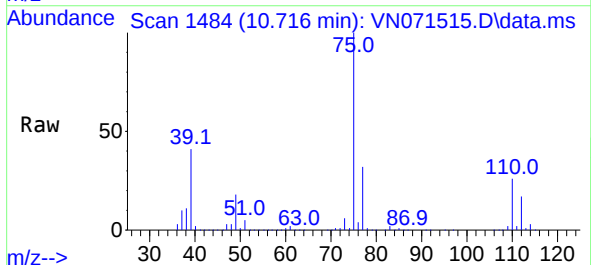
Manual Integrations
APPROVED

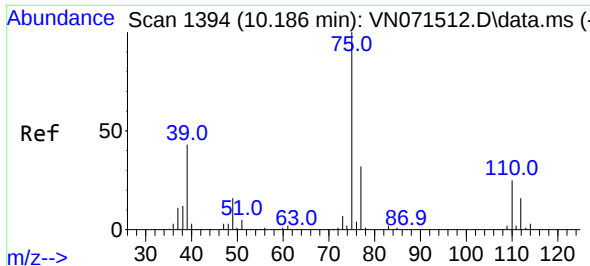
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#48
t-1,3-Dichloropropene
Concen: 164.599 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion: 75 Resp: 1805038
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9





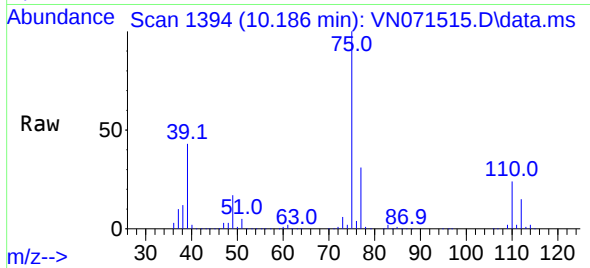
#49
 cis-1,3-Dichloropropene
 Concen: 161.345 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN071515.D
 Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

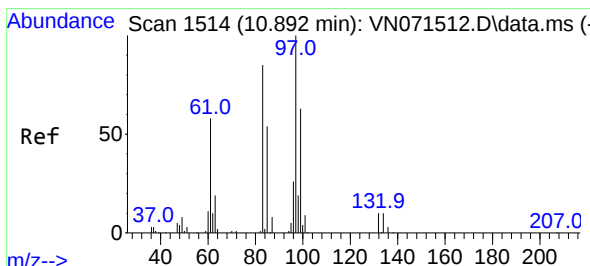
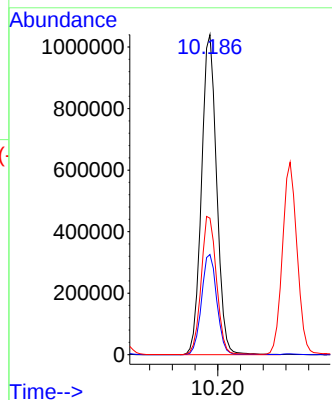
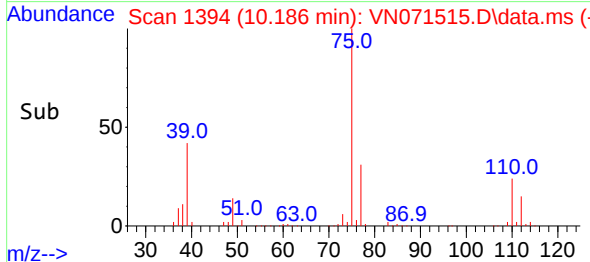


Tgt Ion: 75 Resp: 1921208
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 42.6 46.2 69.4

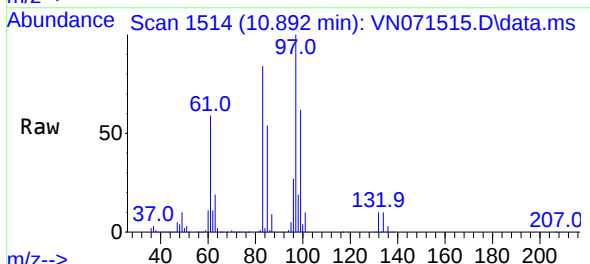
Manual Integrations

APPROVED

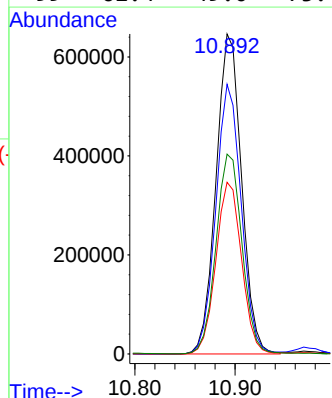
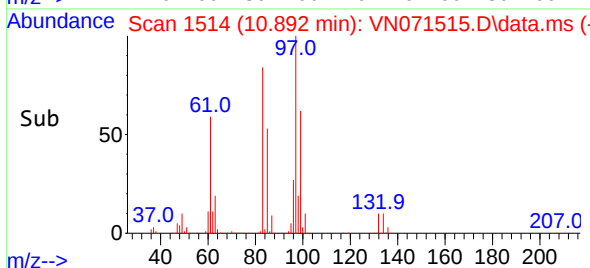
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

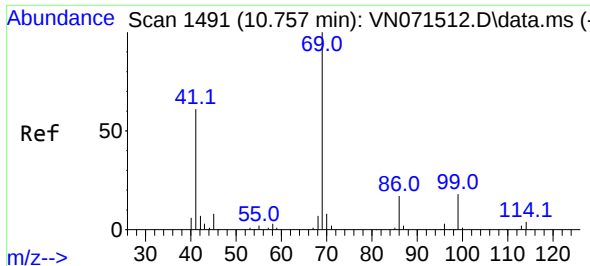


#50
 1,1,2-Trichloroethane
 Concen: 155.544 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN071515.D
 Acq: 24 Mar 2022 11:41



Tgt Ion: 97 Resp: 1145834
 Ion Ratio Lower Upper
 97 100
 83 84.2 67.2 100.8
 85 53.7 43.0 64.4
 99 62.4 49.0 73.4





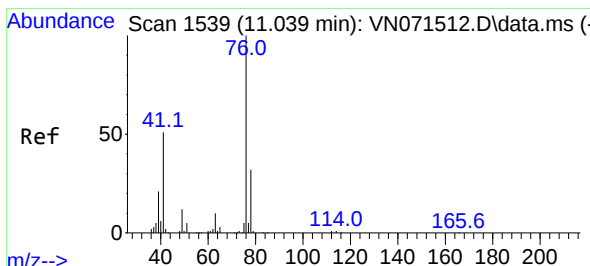
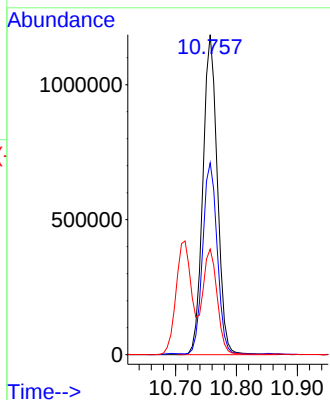
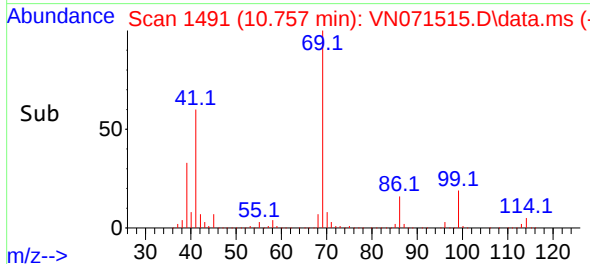
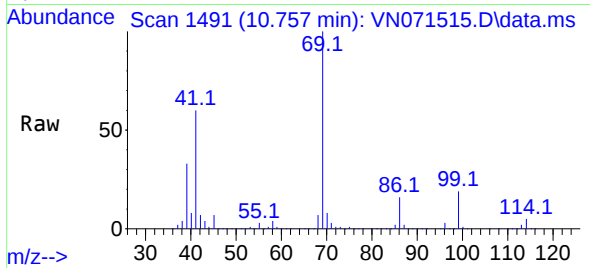
#51
Ethyl methacrylate
Concen: 158.542 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 1957332
Ion Ratio Lower Upper
69 100
41 59.7 33.0 98.9
39 32.8 25.4 76.4

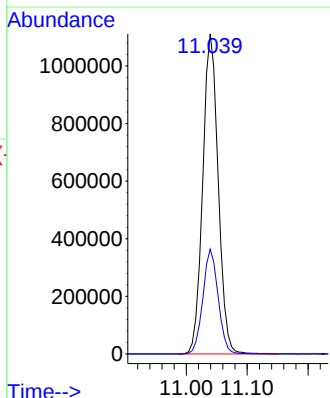
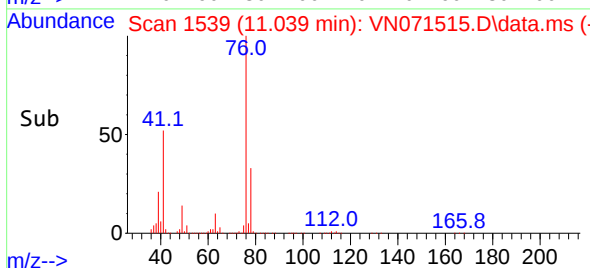
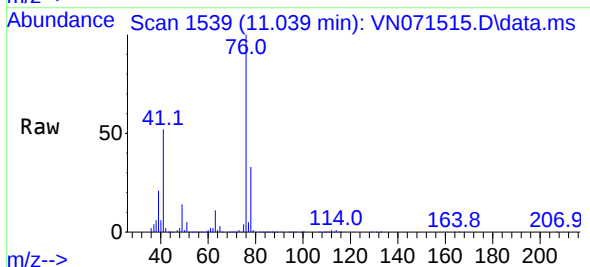
Manual Integrations
APPROVED

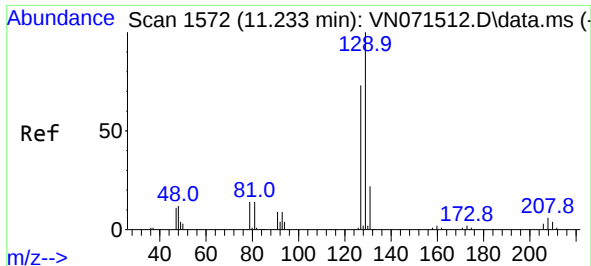
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
1,3-Dichloropropane
Concen: 149.503 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

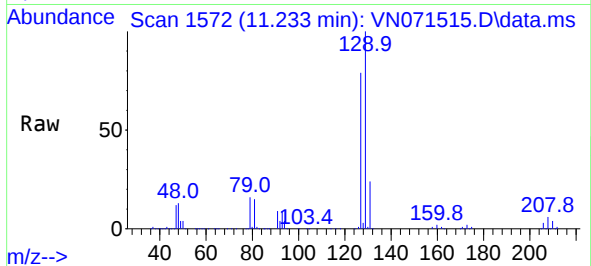
Tgt Ion: 76 Resp: 1961516
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 163.636 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

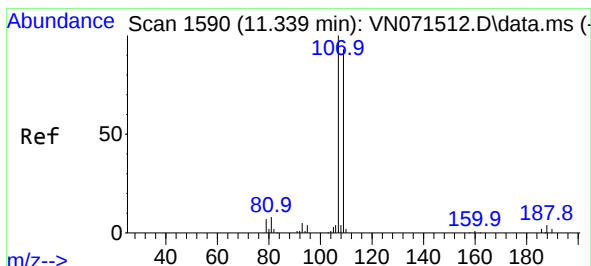
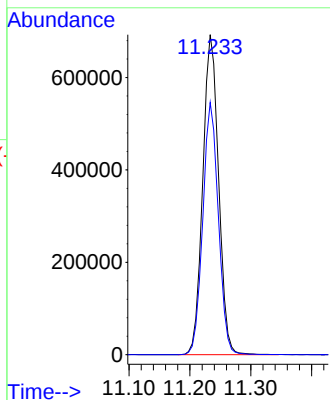
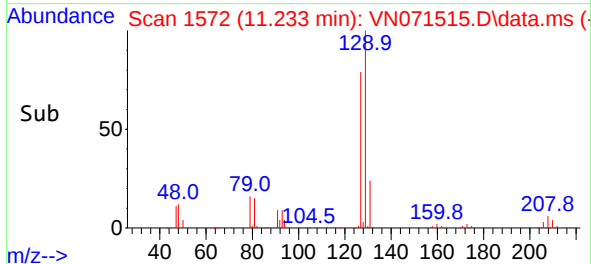
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



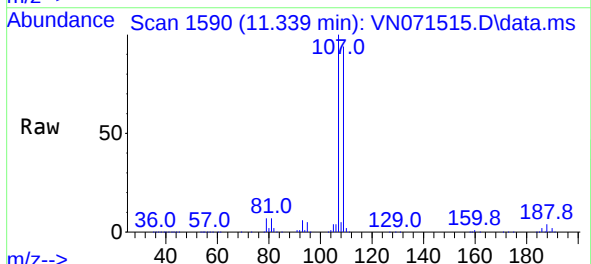
Tgt Ion:129 Resp: 1248904
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

Manual Integrations
APPROVED

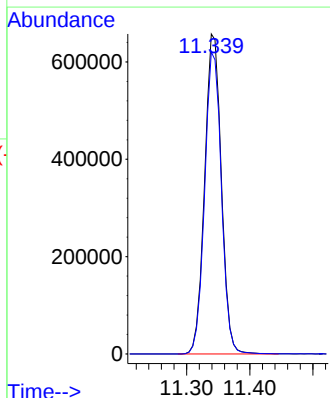
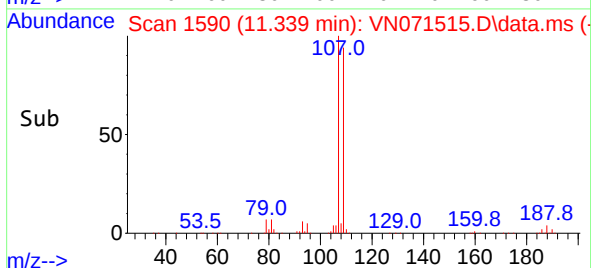
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

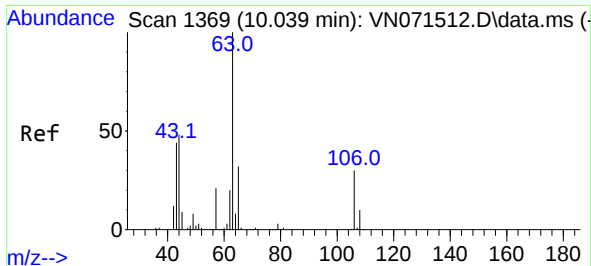


#54
1,2-Dibromoethane
Concen: 158.831 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



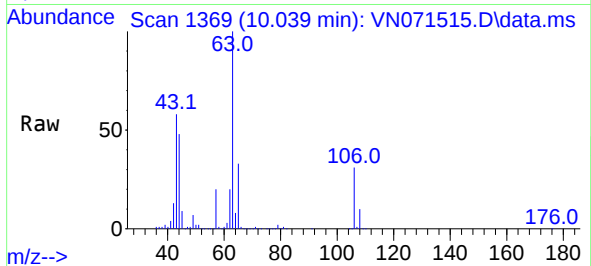
Tgt Ion:107 Resp: 1207966
Ion Ratio Lower Upper
107 100
109 94.3 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 810.927 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

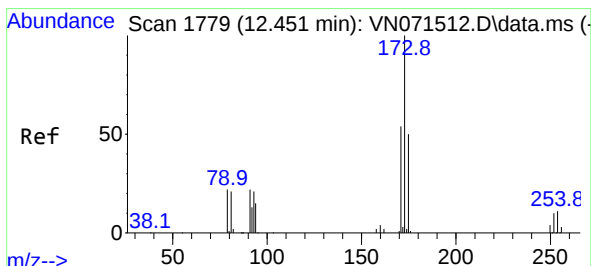
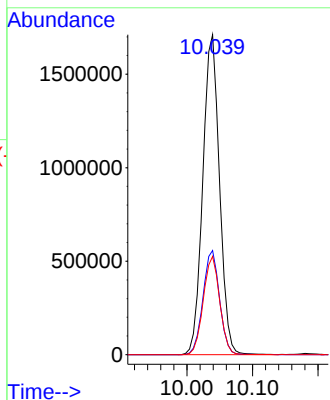
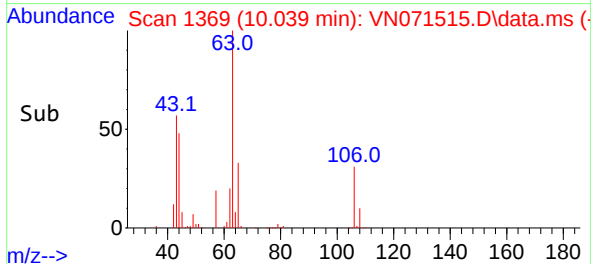
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



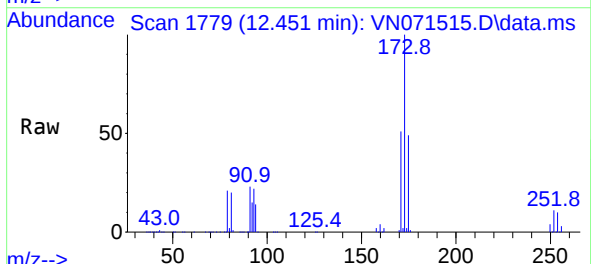
Tgt Ion: 63 Resp: 303472
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 30.3 23.2 34.8

Manual Integrations
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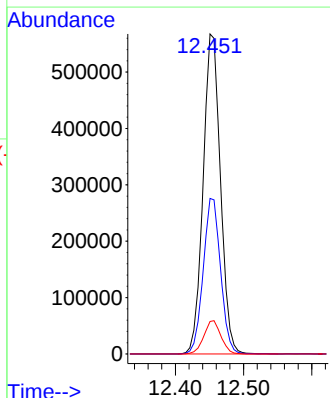
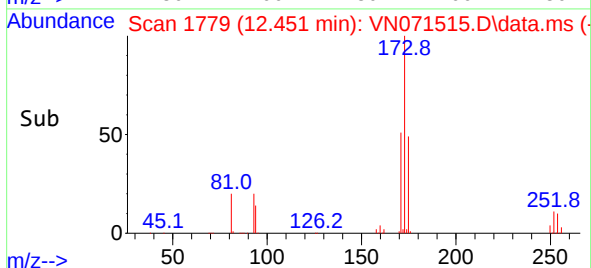
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

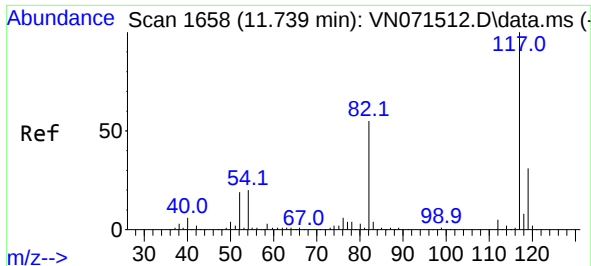


#56
Bromoform
Concen: 170.026 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



Tgt Ion:173 Resp: 1004429
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 10.3 0.0 0.0#





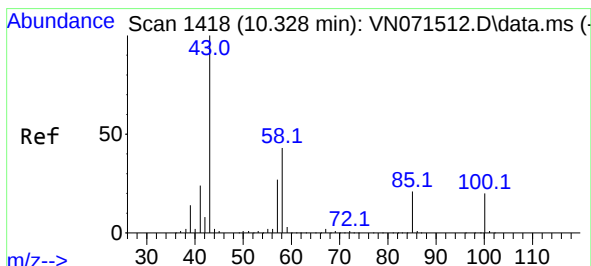
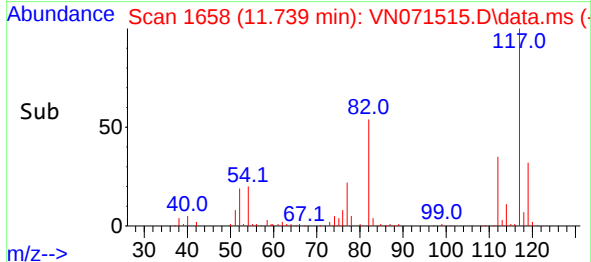
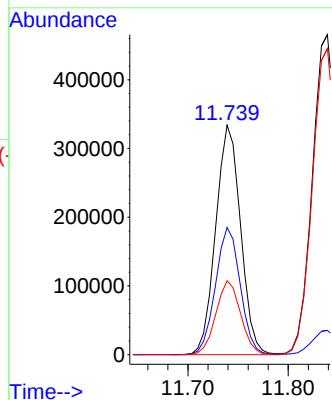
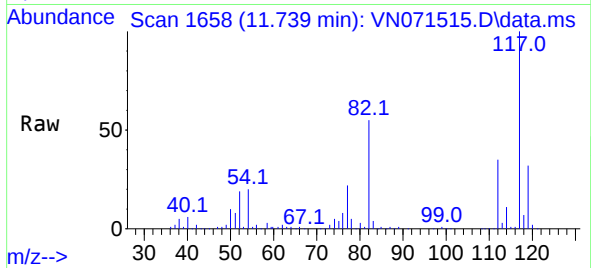
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 576299
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 32.0 25.8 38.6

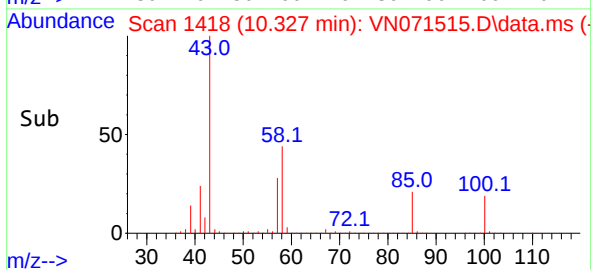
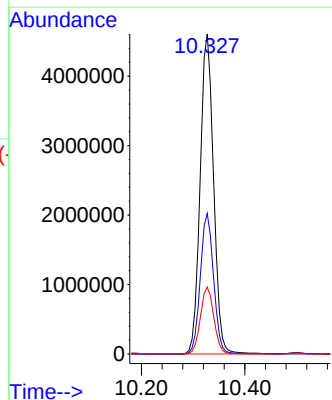
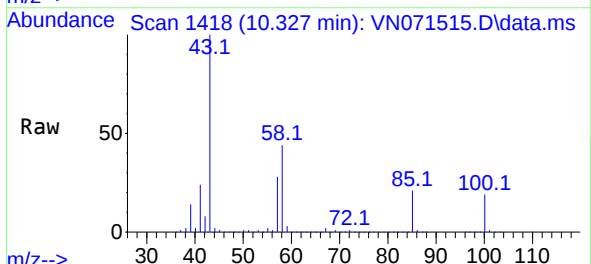
Manual Integrations
APPROVED

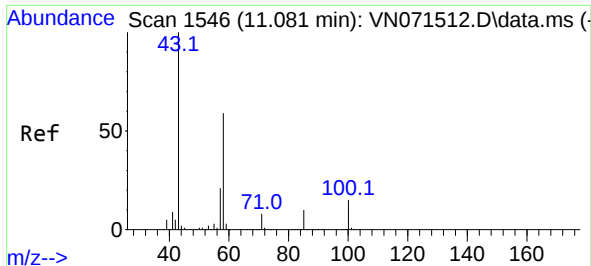
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#58
4-Methyl-2-Pentanone
Concen: 629.027 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

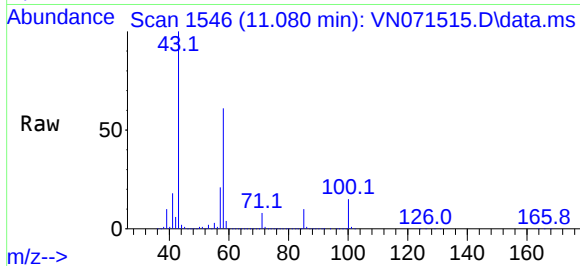
Tgt Ion: 43 Resp: 8298116
Ion Ratio Lower Upper
43 100
58 43.4 30.0 45.0
85 20.9 15.0 22.6





#59
2-Hexanone
Concen: 623.016 ug/l
RT: 11.080 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

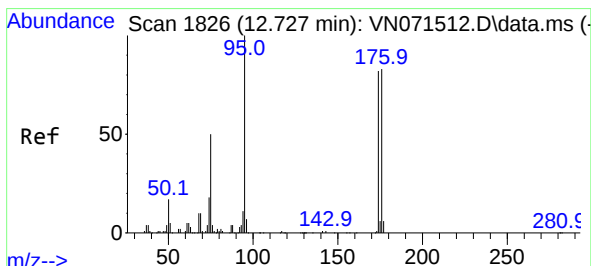
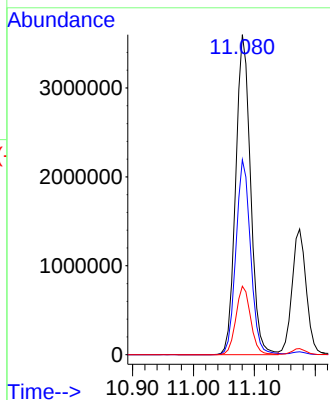
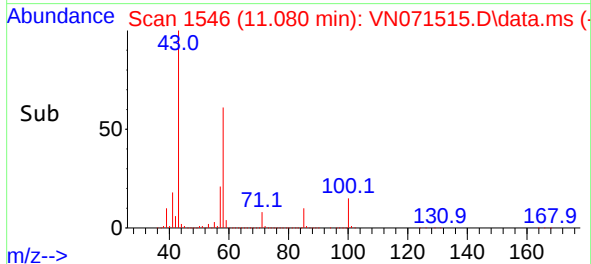
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



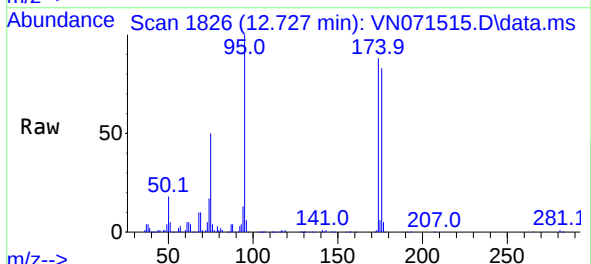
Tgt Ion: 43 Resp: 610406
Ion Ratio Lower Upper
43 100
58 60.0 42.2 63.2
57 21.2 15.0 22.4

Manual Integrations
APPROVED

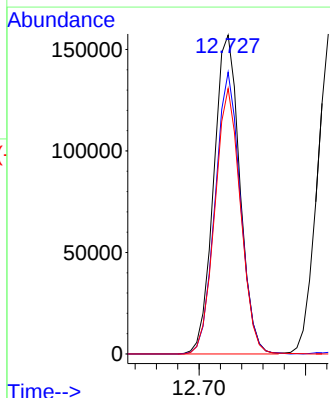
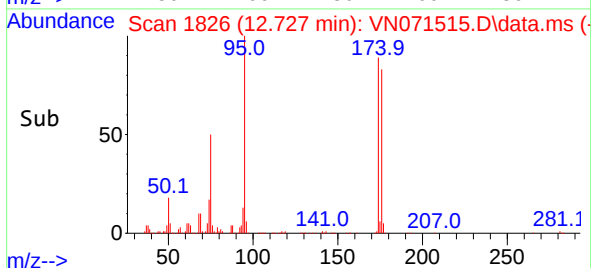
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

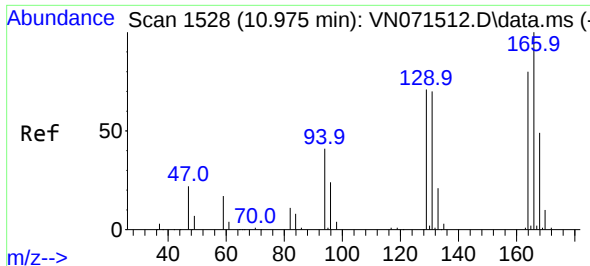


#60
4-Bromofluorobenzene
Concen: 30.146 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



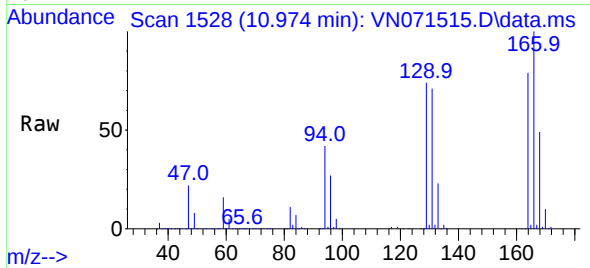
Tgt Ion: 95 Resp: 266516
Ion Ratio Lower Upper
95 100
174 85.7 62.9 94.3
176 81.8 61.0 91.4





#61
Tetrachloroethene
Concen: 154.001 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

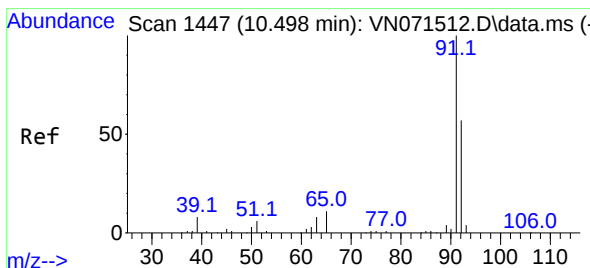
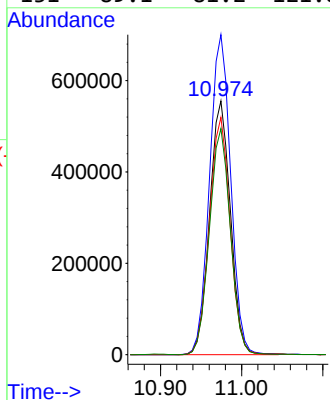
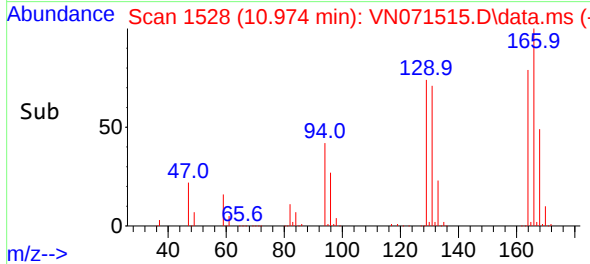
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



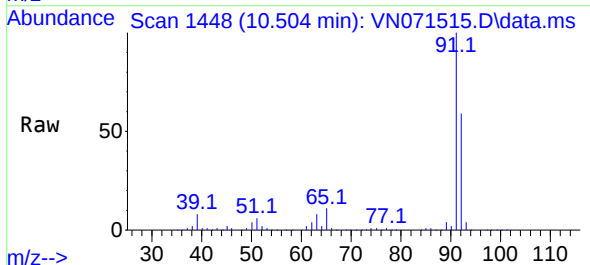
Tgt Ion:164 Resp: 994459
Ion Ratio Lower Upper
164 100
166 126.1 105.8 158.8
129 93.5 82.5 123.7
131 89.1 81.2 121.8

Manual Integrations
APPROVED

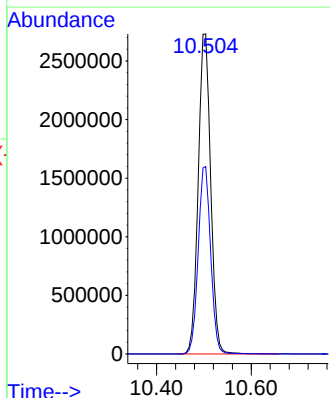
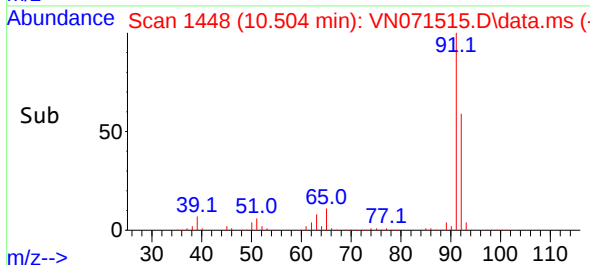
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

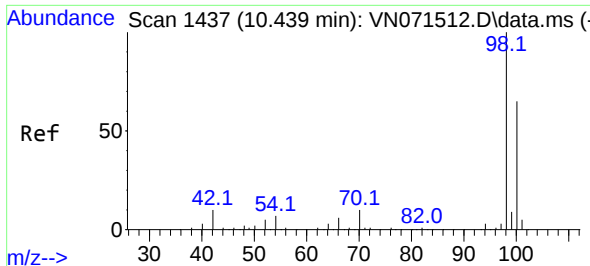


#62
Toluene
Concen: 149.532 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



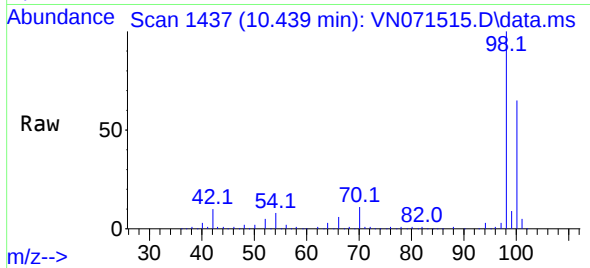
Tgt Ion: 91 Resp: 4974973
Ion Ratio Lower Upper
91 100
92 58.6 44.6 67.0





#63
Toluene-d8
Concen: 28.192 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

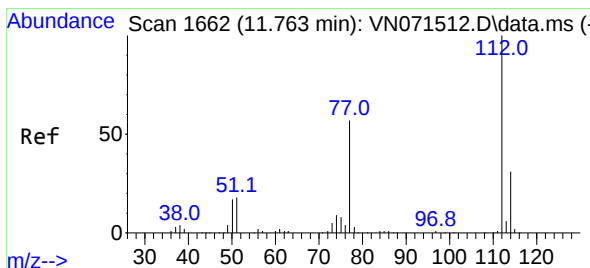
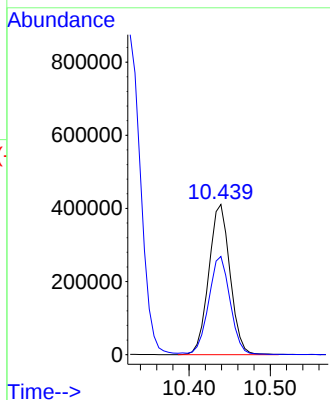
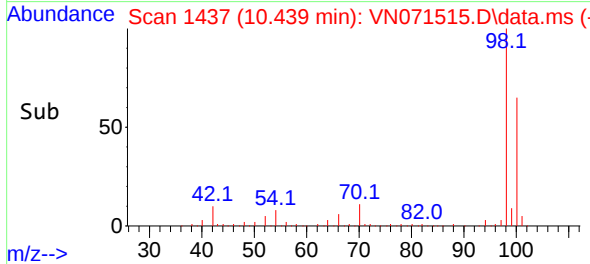
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



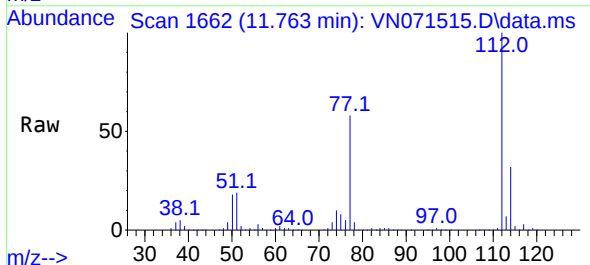
Tgt Ion: 98 Resp: 74759
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

Manual Integrations
APPROVED

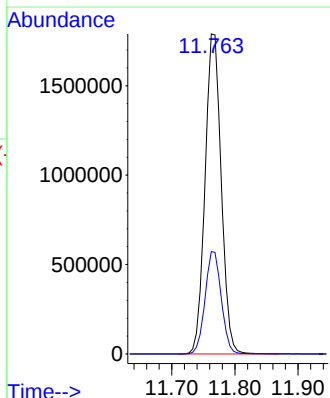
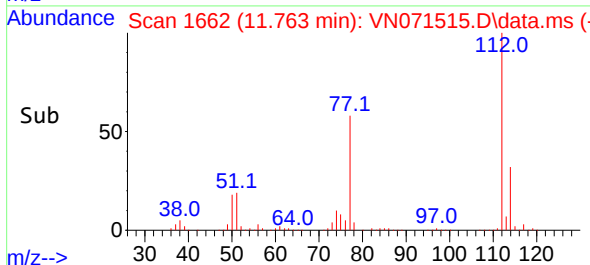
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

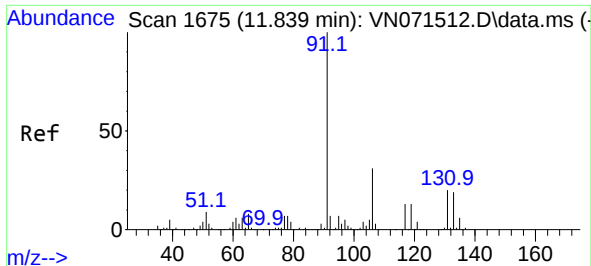


#64
Chlorobenzene
Concen: 157.781 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



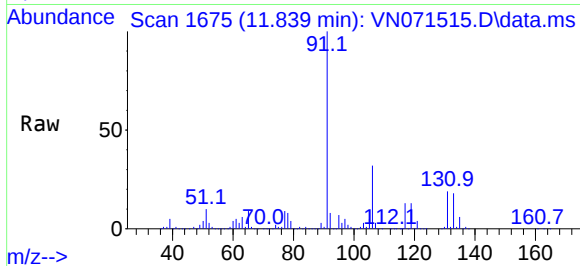
Tgt Ion:112 Resp: 3190446
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 157.660 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

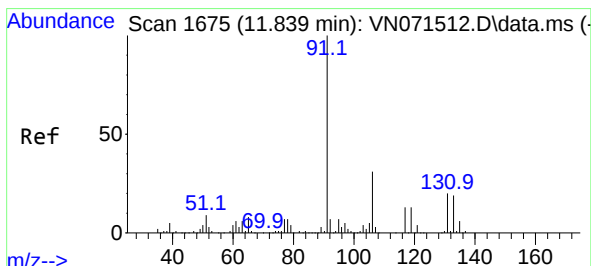
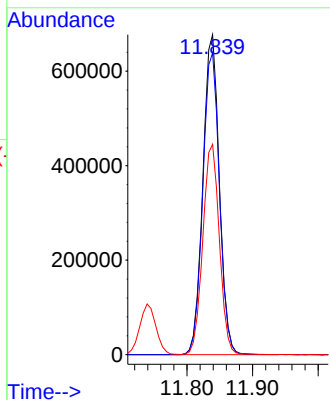
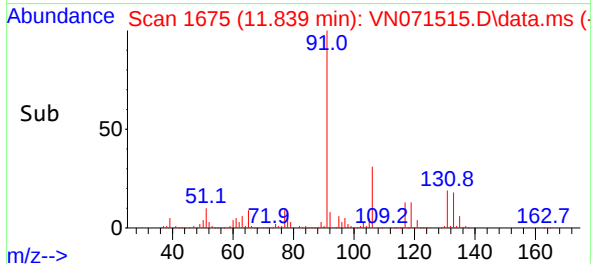
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 118253
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 66.2 0.0 128.8

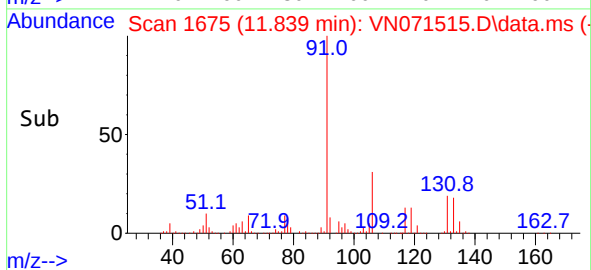
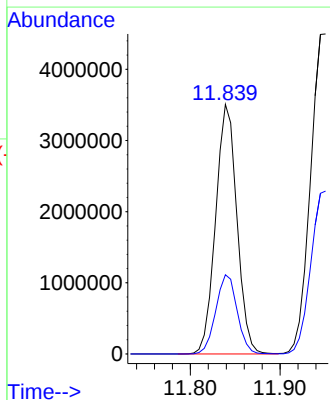
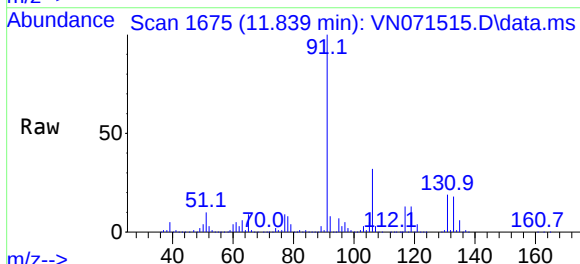
Manual Integrations
APPROVED

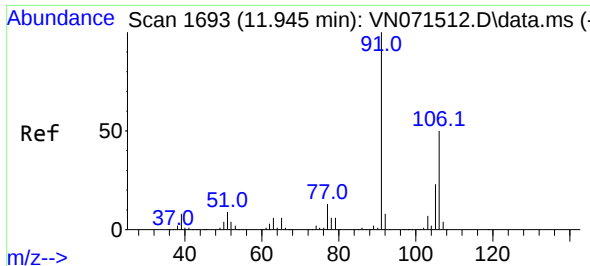
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Ethyl Benzene
Concen: 158.347 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

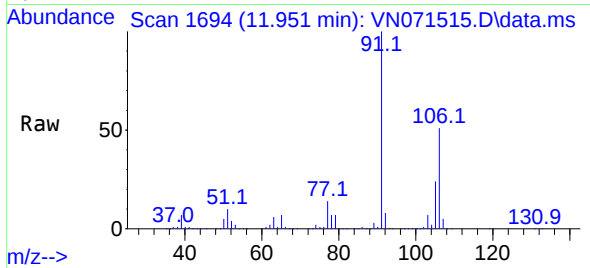
Tgt Ion: 91 Resp: 5775137
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0





#67
m/p-Xylenes
Concen: 323.236 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

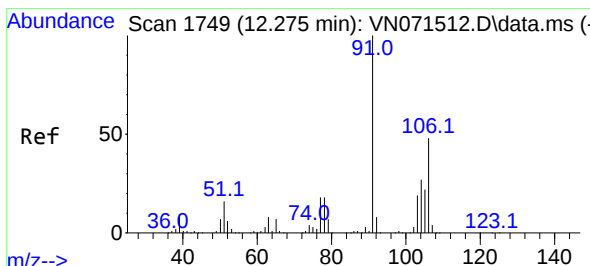
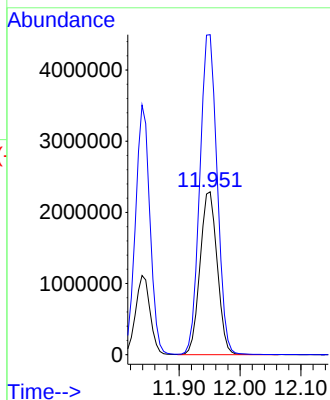
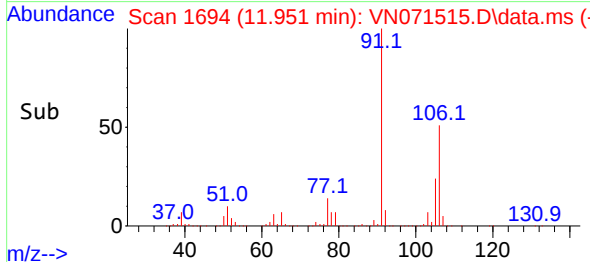
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



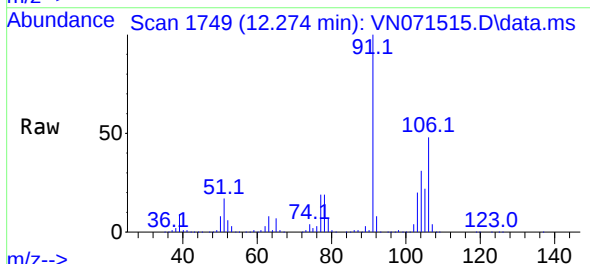
Tgt Ion:106 Resp: 4482870
Ion Ratio Lower Upper
106 100
91 197.6 162.9 244.3

Manual Integrations
APPROVED

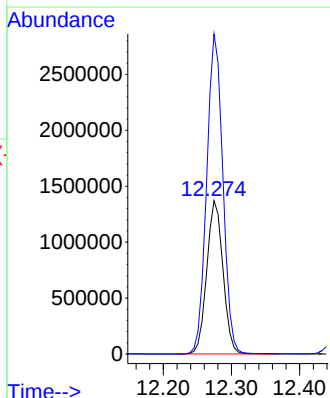
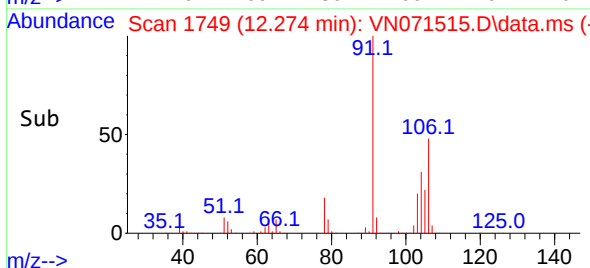
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

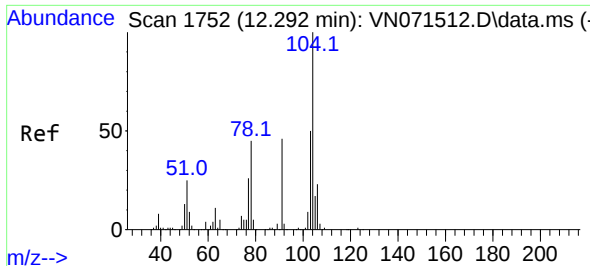


#68
o-Xylene
Concen: 163.235 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



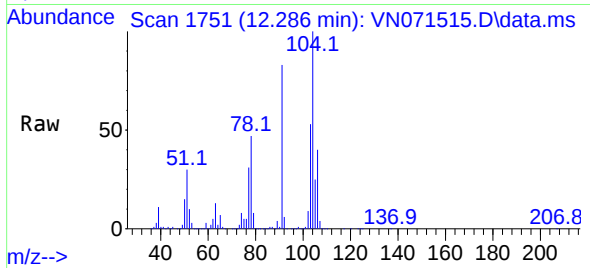
Tgt Ion:106 Resp: 2261434
Ion Ratio Lower Upper
106 100
91 208.8 107.7 323.1





#69
Styrene
Concen: 170.835 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

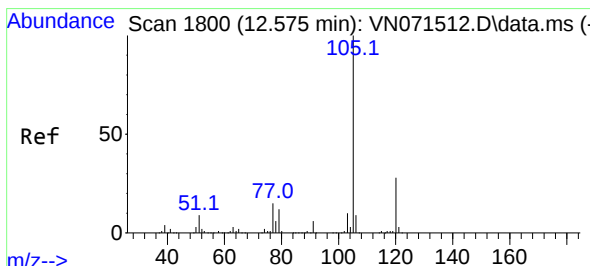
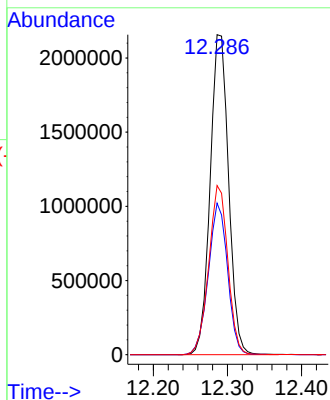
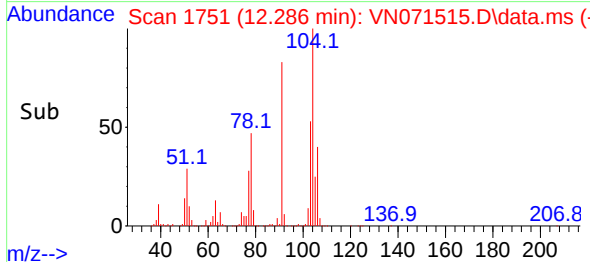
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



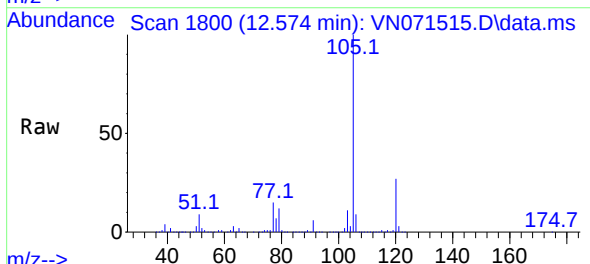
Tgt Ion:104 Resp: 3730764
Ion Ratio Lower Upper
104 100
78 49.3 40.7 61.1
103 54.7 45.8 68.8

Manual Integrations
APPROVED

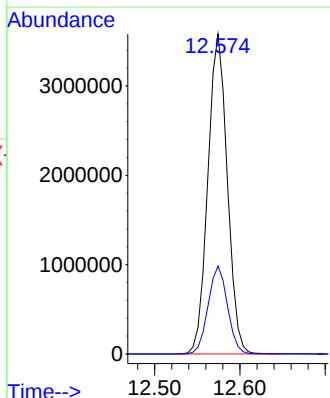
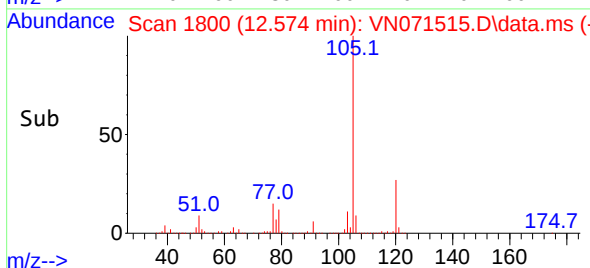
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

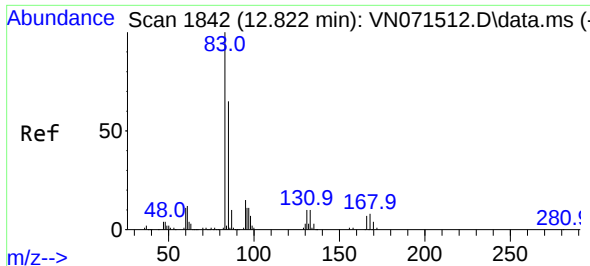


#70
Isopropylbenzene
Concen: 161.348 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



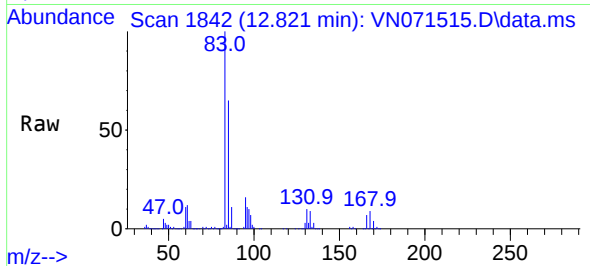
Tgt Ion:105 Resp: 5665489
Ion Ratio Lower Upper
105 100
120 27.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 141.369 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

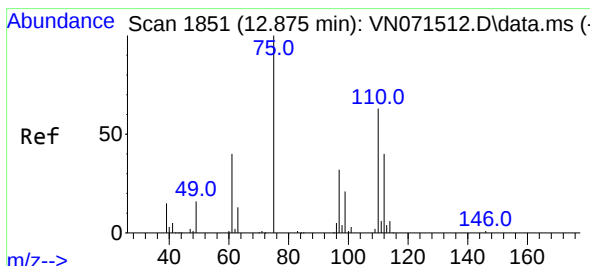
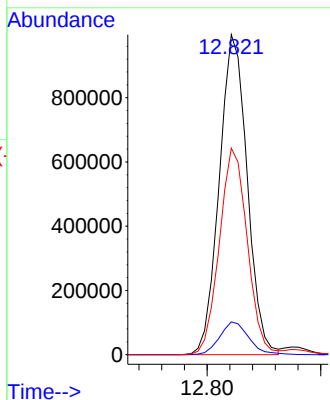
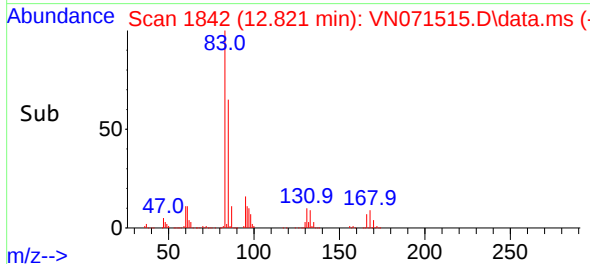
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



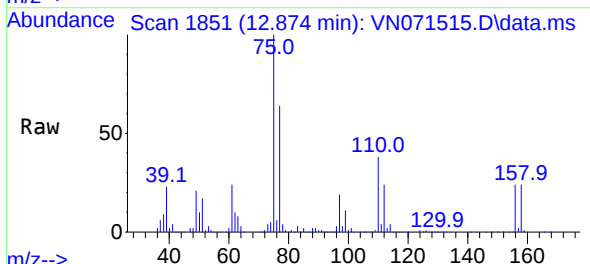
Tgt Ion: 83 Resp: 1700790
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 64.4 33.1 99.2

Manual Integrations
APPROVED

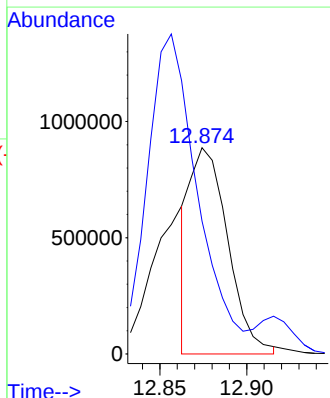
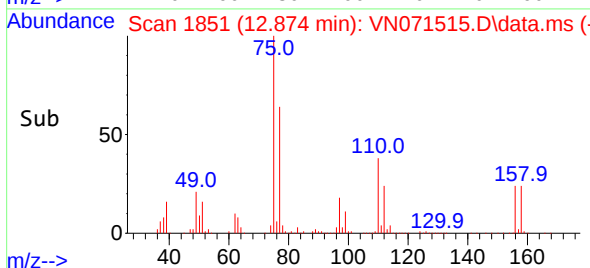
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

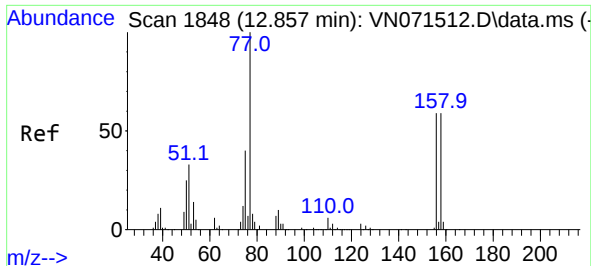


#72
1,2,3-Trichloropropane
Concen: 121.420 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



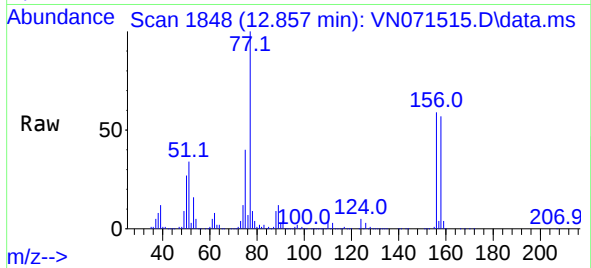
Tgt Ion: 75 Resp: 1342166
Ion Ratio Lower Upper
75 100
77 206.0 0.0 378.0





#73
Bromobenzene
Concen: 167.236 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

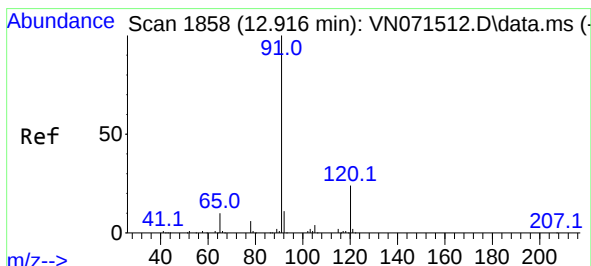
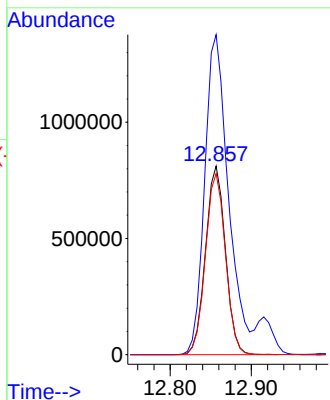
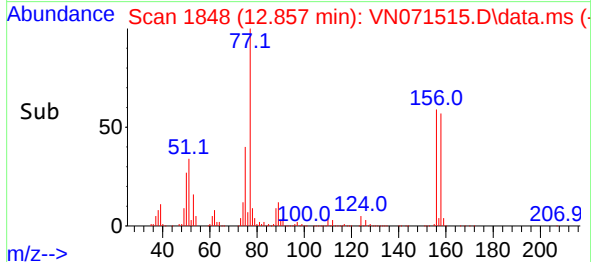
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



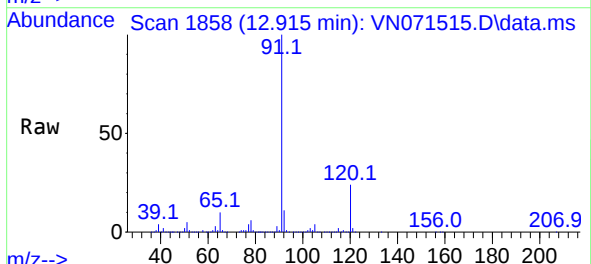
Tgt Ion:156 Resp: 1382190
Ion Ratio Lower Upper
156 100
77 200.0 0.0 416.0
158 96.4 0.0 195.4

Manual Integrations
APPROVED

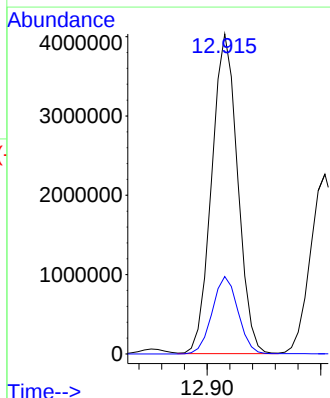
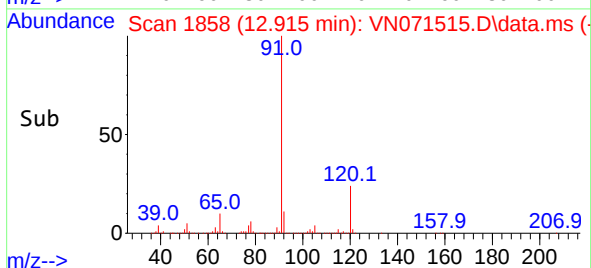
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

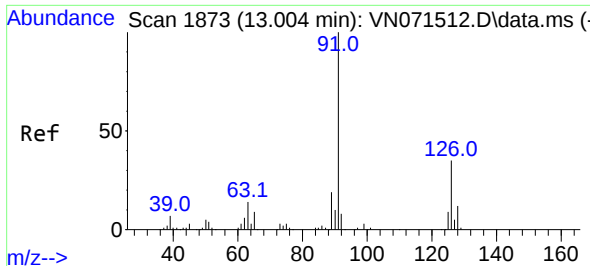


#74
n-propylbenzene
Concen: 165.899 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



Tgt Ion: 91 Resp: 6390398
Ion Ratio Lower Upper
91 100
120 24.0 0.0 45.0





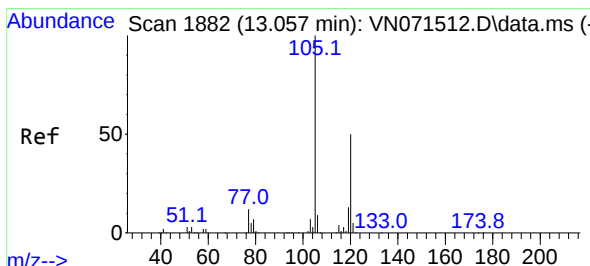
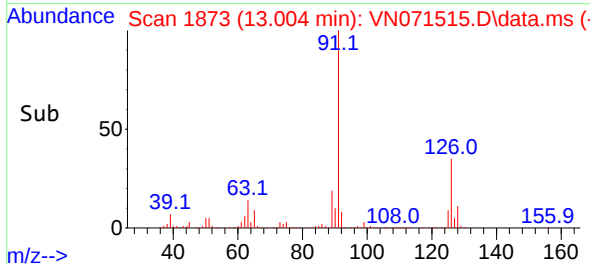
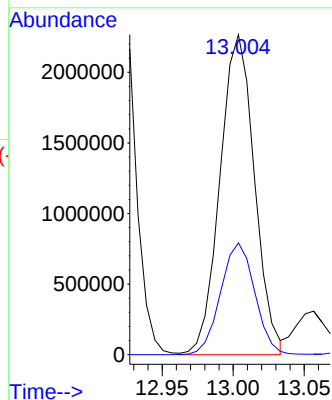
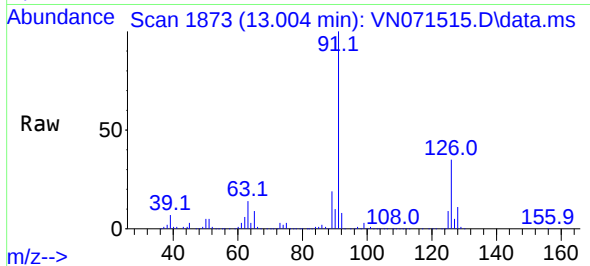
#75
2-Chlorotoluene
Concen: 158.237 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 3827652
Ion Ratio Lower Upper
91 100
126 34.7 0.0 69.8

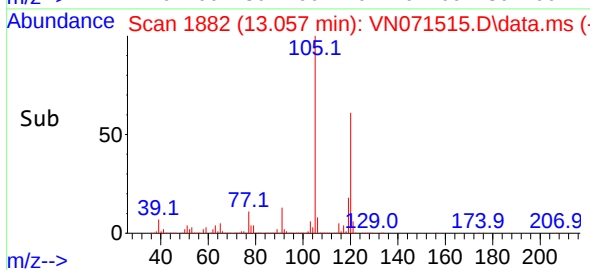
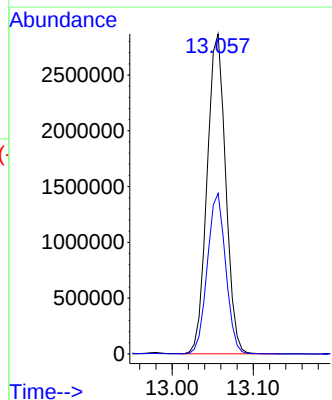
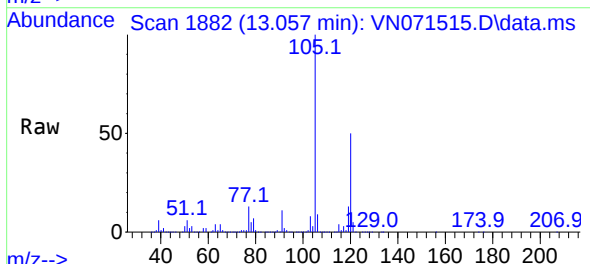
Manual Integrations
APPROVED

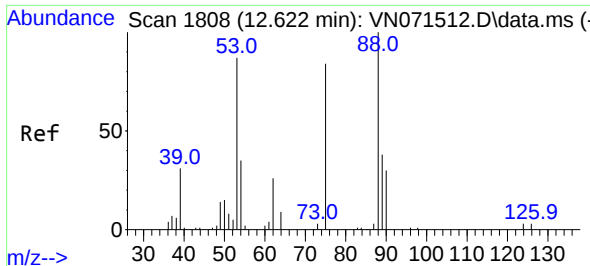
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 162.606 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

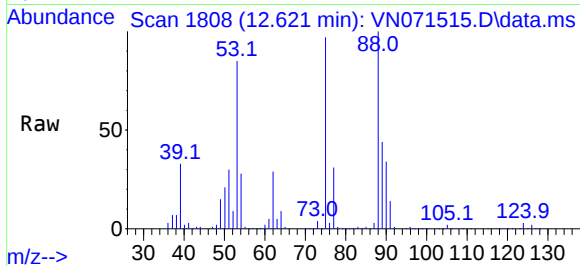
Tgt Ion:105 Resp: 4545561
Ion Ratio Lower Upper
105 100
120 49.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 167.944 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

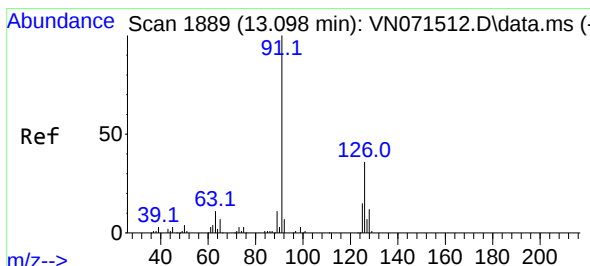
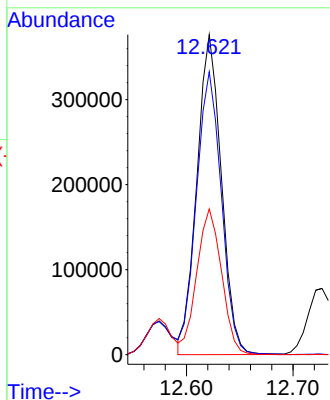
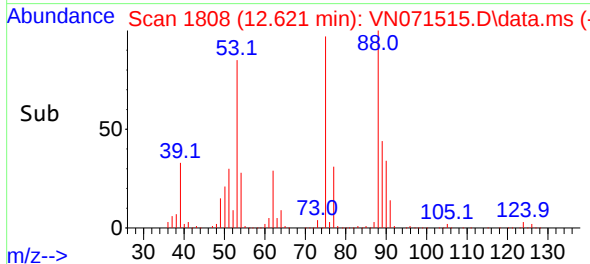
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 60313
Ion Ratio Lower Upper
75 100
53 88.4 51.8 155.5
89 45.6 22.9 68.7

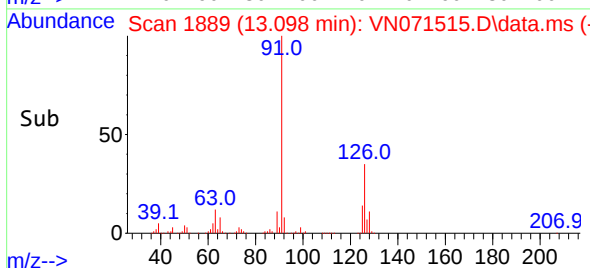
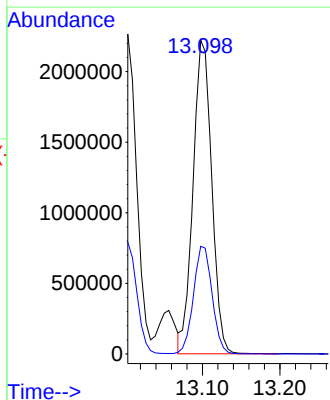
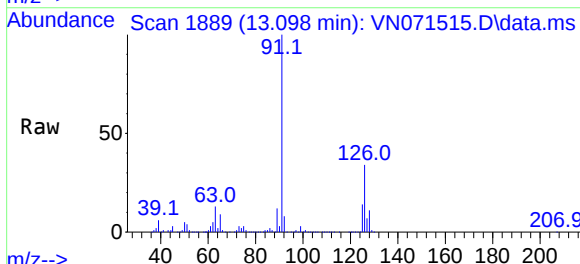
Manual Integrations
APPROVED

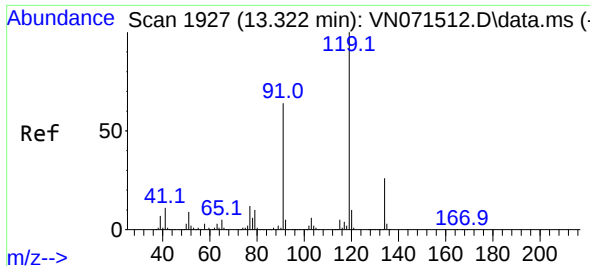
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 164.922 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion: 91 Resp: 3703044
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6





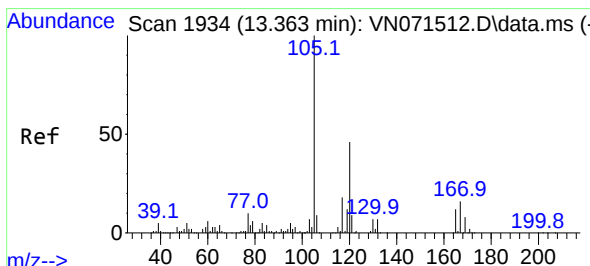
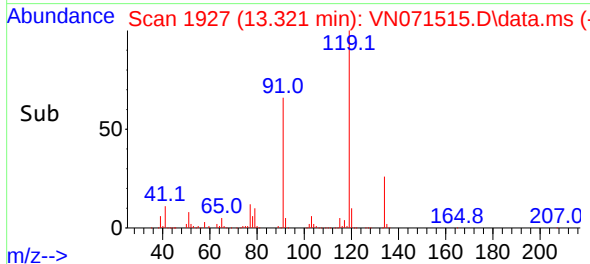
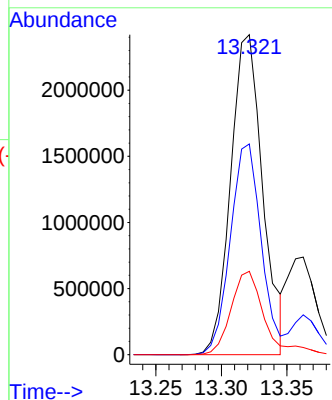
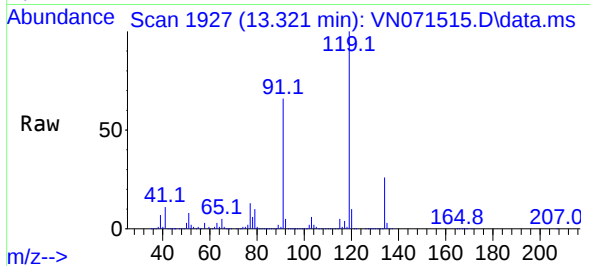
#79
tert-butylbenzene
Concen: 161.953 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 411823
Ion Ratio Lower Upper
119 100
91 63.4 0.0 137.0
134 25.5 0.0 47.6

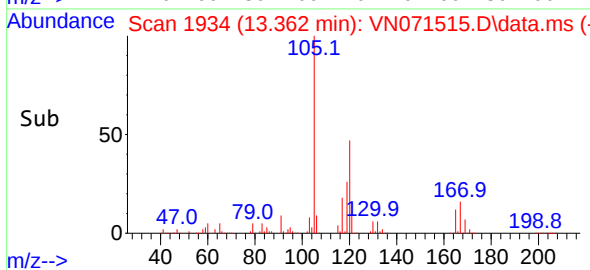
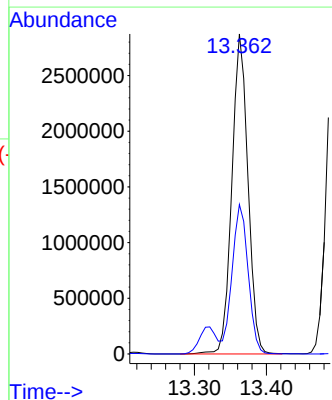
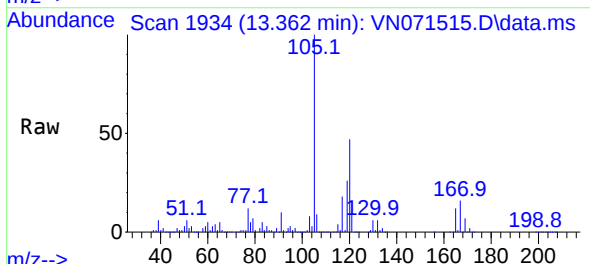
Manual Integrations
APPROVED

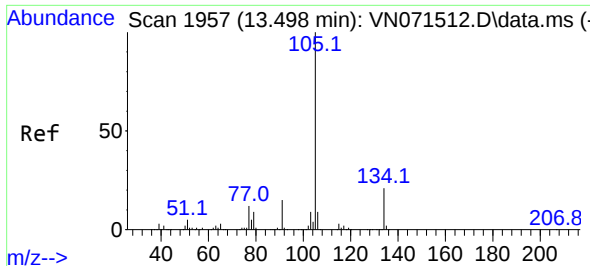
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 165.123 ug/l m
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

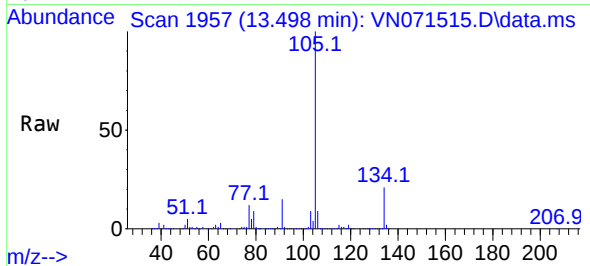
Tgt Ion:105 Resp: 4447716
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 166.276 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071515.D
 Acq: 24 Mar 2022 11:41

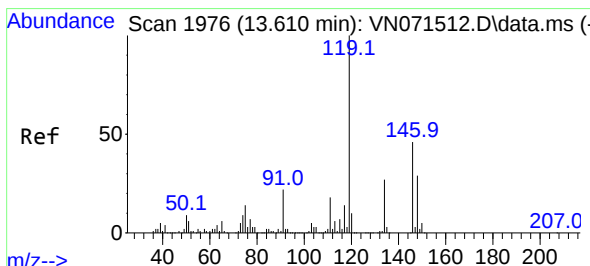
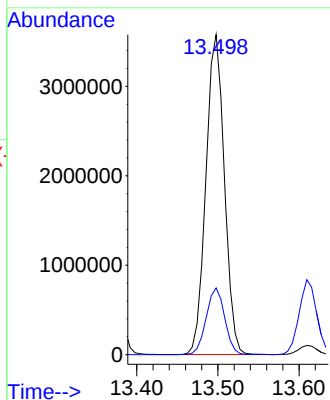
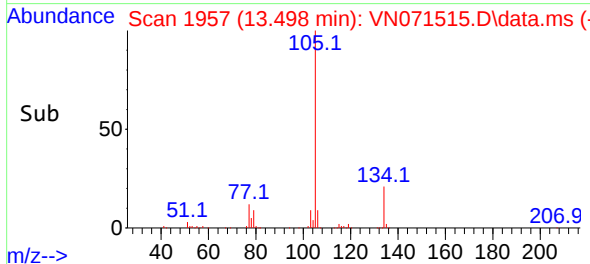
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



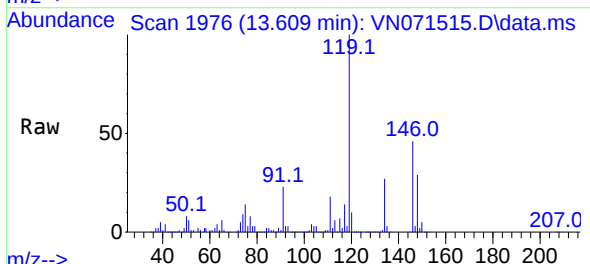
Tgt Ion:105 Resp: 564637
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 39.4

Manual Integrations
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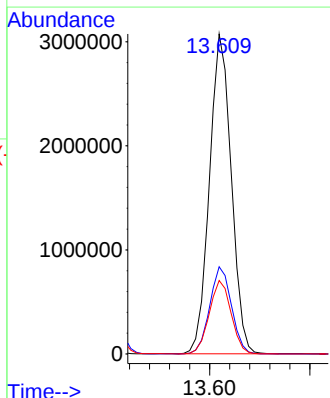
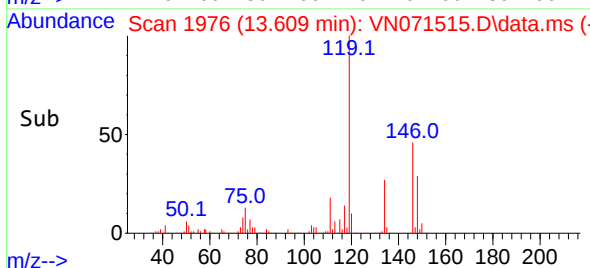
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

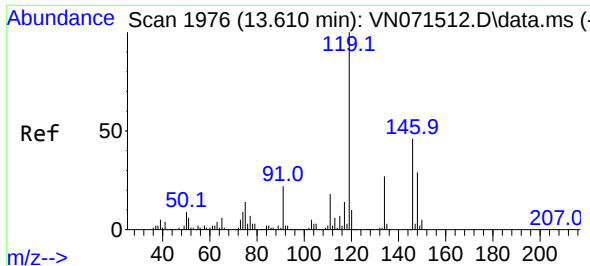


#82
 p-Isopropyltoluene
 Concen: 170.173 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071515.D
 Acq: 24 Mar 2022 11:41



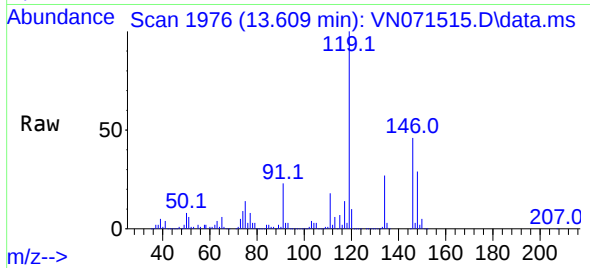
Tgt Ion:119 Resp: 4638569
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 51.8
 91 23.1 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 171.713 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

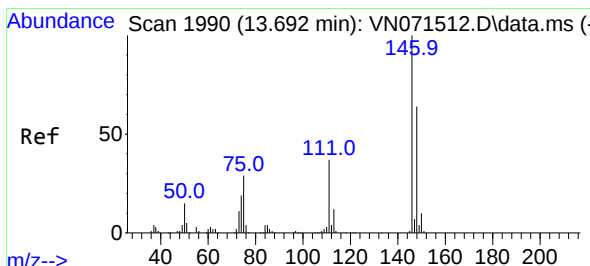
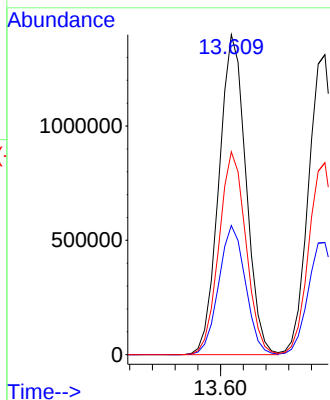
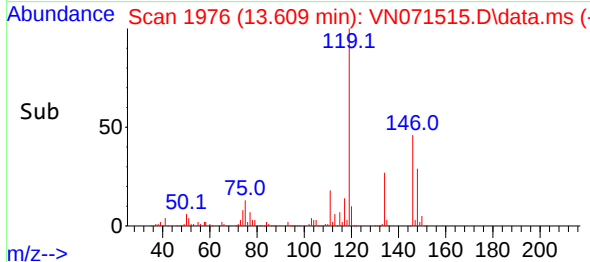
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



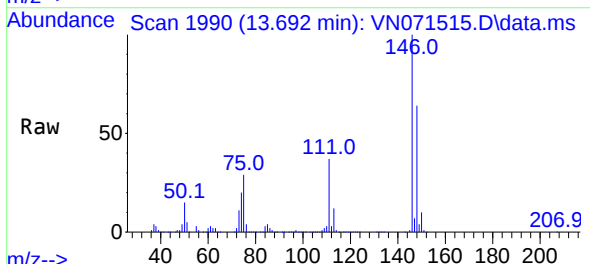
Tgt Ion:146 Resp: 231059
Ion Ratio Lower Upper
146 100
111 40.0 20.8 62.2
148 63.3 31.4 94.3

Manual Integrations
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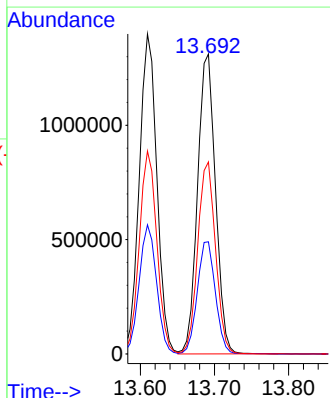
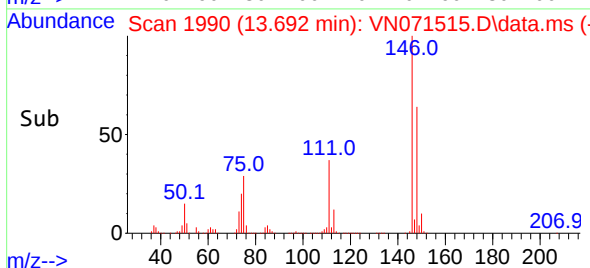
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

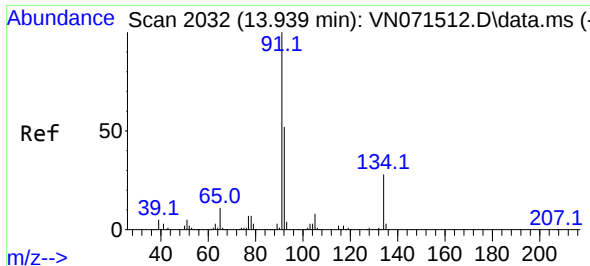


#84
1,4-Dichlorobenzene
Concen: 171.664 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



Tgt Ion:146 Resp: 2205797
Ion Ratio Lower Upper
146 100
111 37.8 19.5 58.5
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 181.885 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

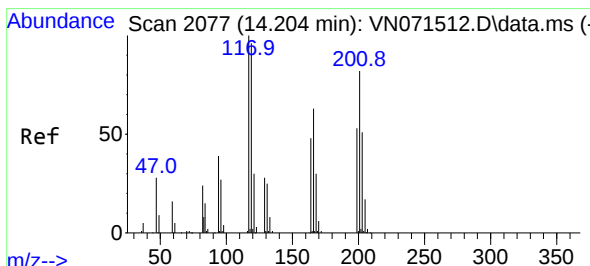
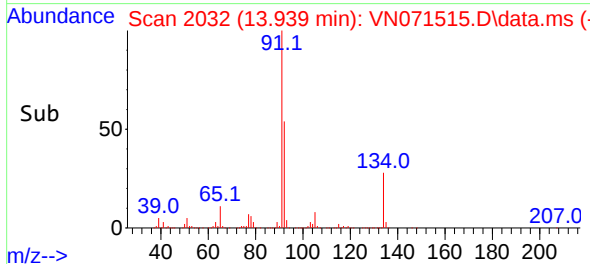
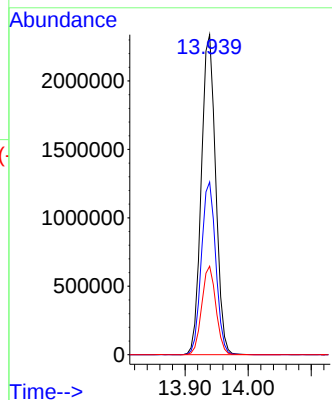
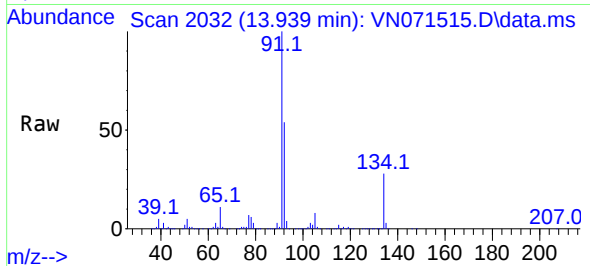
VSTDIC150

Tgt Ion: 91 Resp: 368525
Ion Ratio Lower Upper
91 100
92 54.3 0.0 100.6
134 27.4 0.0 50.2

Manual Integrations

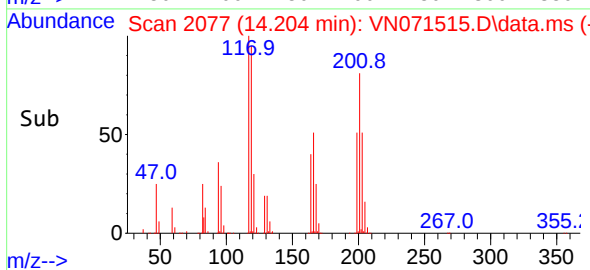
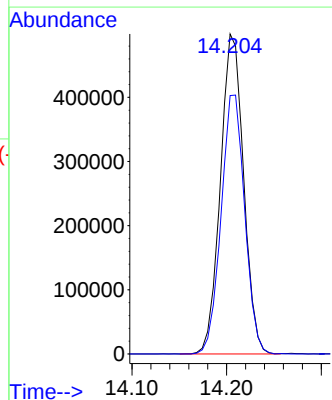
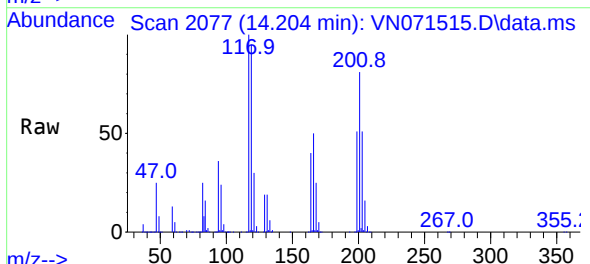
APPROVED

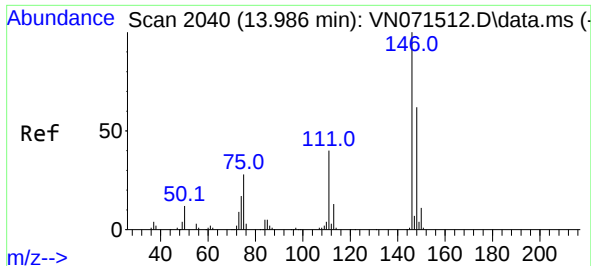
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 162.985 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion:117 Resp: 848674
Ion Ratio Lower Upper
117 100
201 82.3 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 163.225 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071515.D

Acq: 24 Mar 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 2138110

Ion Ratio Lower Upper

146 100

111 41.1 21.4 64.2

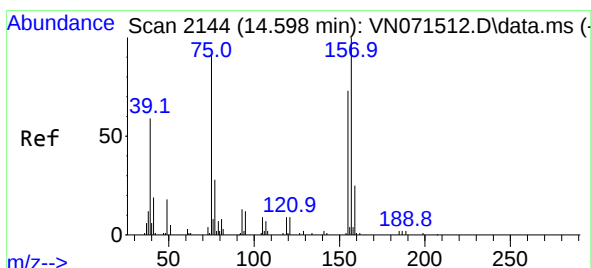
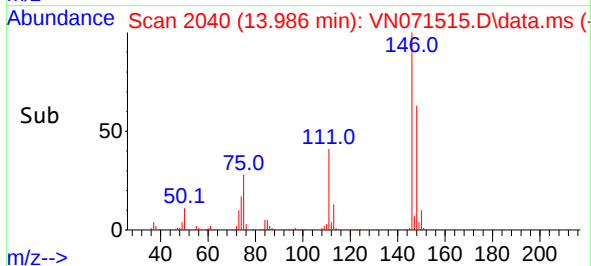
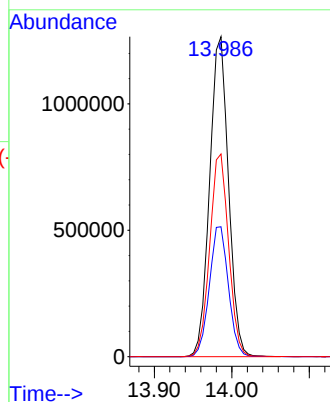
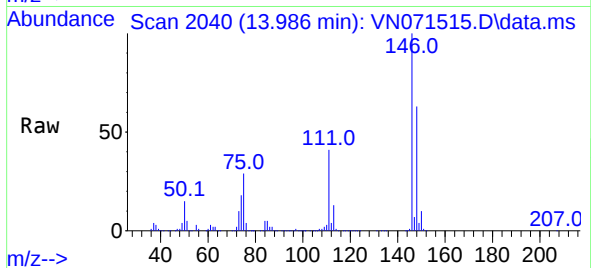
148 63.7 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 153.194 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071515.D

Acq: 24 Mar 2022 11:41

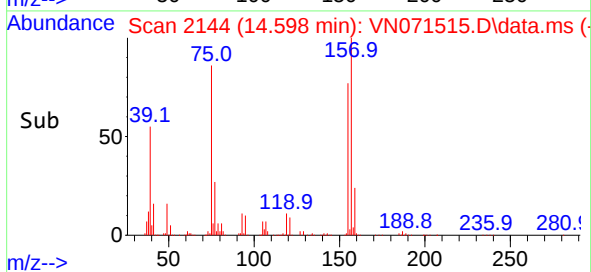
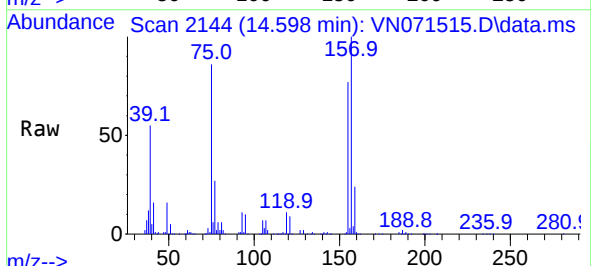
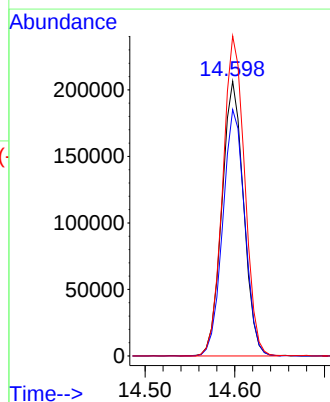
Tgt Ion: 75 Resp: 346490

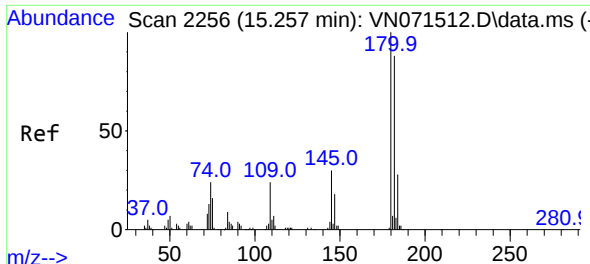
Ion Ratio Lower Upper

75 100

155 90.8 63.8 95.8

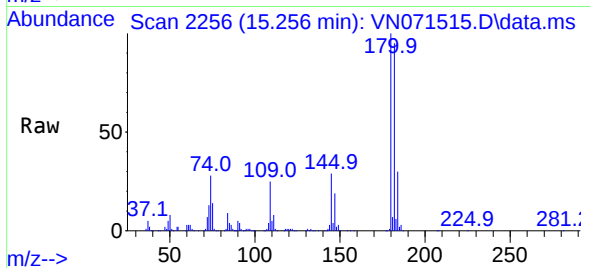
157 117.6 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 199.567 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

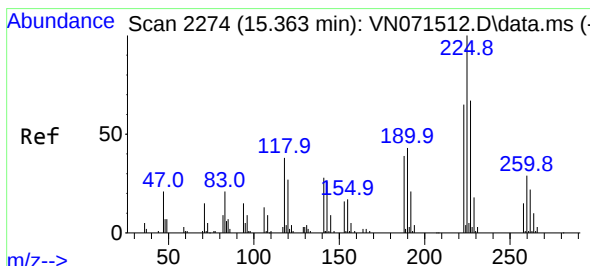
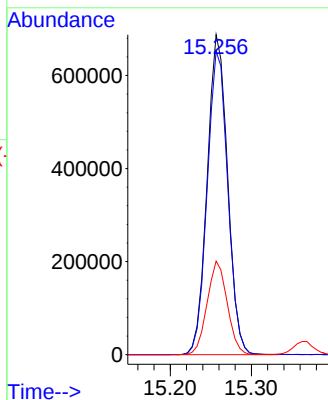
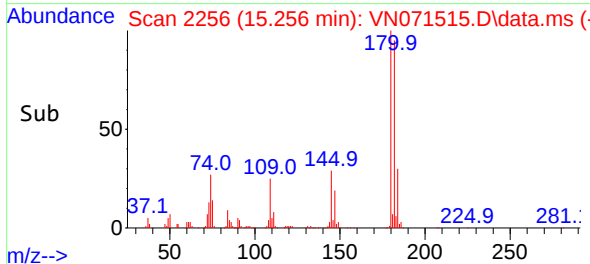
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



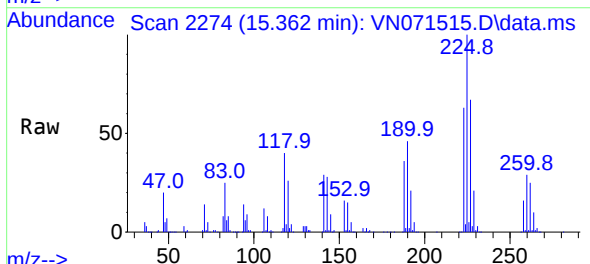
Tgt Ion:180 Resp: 1201734
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 28.8 26.6 39.8

Manual Integrations
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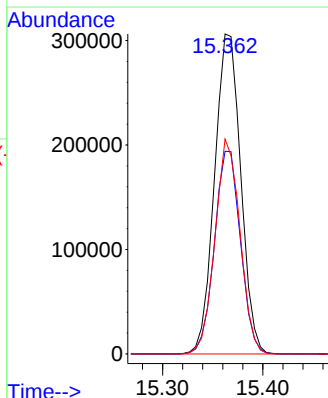
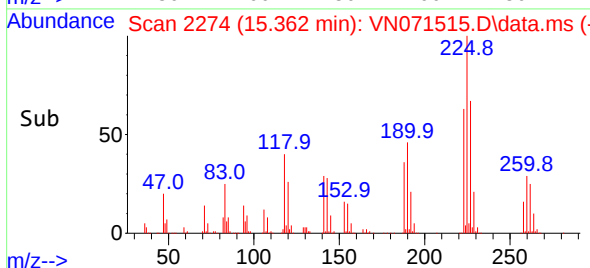
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

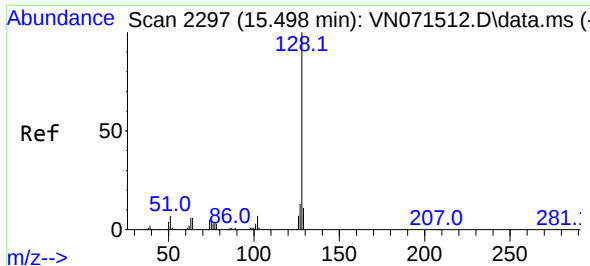


#90
Hexachlorobutadiene
Concen: 160.931 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41



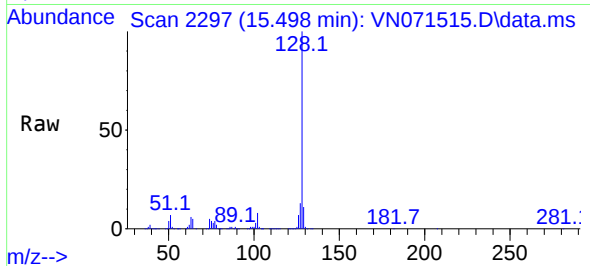
Tgt Ion:225 Resp: 556470
Ion Ratio Lower Upper
225 100
223 63.0 0.0 126.8
227 64.0 0.0 123.0





#91
Naphthalene
Concen: 197.563 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

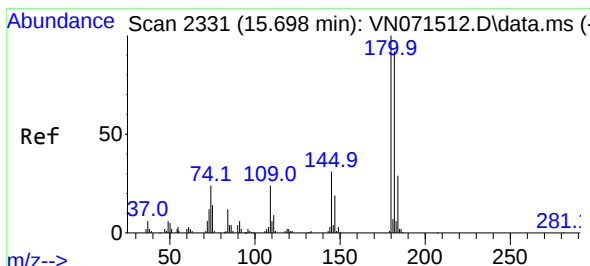
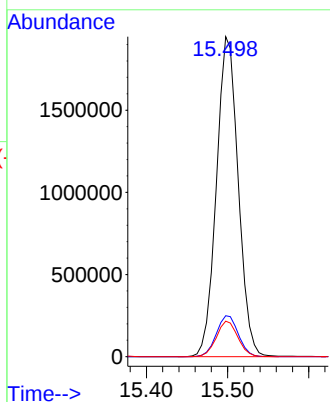
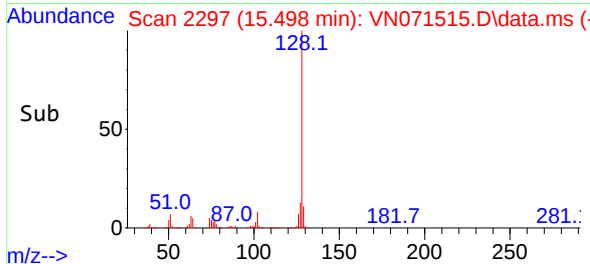
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 3635170
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#92
1,2,3-Trichlorobenzene
Concen: 192.363 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071515.D
Acq: 24 Mar 2022 11:41

Tgt Ion:180 Resp: 1178396
Ion Ratio Lower Upper
180 100
182 95.7 0.0 190.0
145 30.7 0.0 67.8

