

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071511.D
 Acq On : 24 Mar 2022 10:06
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 11:42:49 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

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

Internal Standards						
1) Bromochloromethane	7.651	128	114767	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	625785	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	561925	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	247668	27.763	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.533%		
60) 4-Bromofluorobenzene	12.727	95	231302	26.832	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.433%		
63) Toluene-d8	10.439	98	779826	30.160	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.533%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	31926	4.318	ug/l	97
3) Chloromethane	2.299	50	43558	4.546	ug/l	97
4) Vinyl Chloride	2.440	62	47882	5.231	ug/l	99
5) Bromomethane	2.840	94	33344	6.905	ug/l	96
6) Chloroethane	3.010	64	30497	5.430	ug/l #	88
7) Trichlorofluoromethane	3.369	101	57725	5.062	ug/l	93
8) Diethyl Ether	3.822	74	23359	4.719	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	34228	5.244	ug/l #	65
10) 1,1-Dichloroethene	4.187	96	32805	4.987	ug/l	95
11) Methyl Iodide	4.422	142	43457	4.725	ug/l	92
12) Methyl Acetate	4.851	43	49951	4.184	ug/l	98
13) Acrolein	4.040	56	25049	16.625	ug/l	98
14) Acrylonitrile	5.551	53	102056	20.272	ug/l	98
15) Acetone	4.287	58	32611	23.998	ug/l	90
16) Carbon Disulfide	4.534	76	84478	4.777	ug/l	96
17) Allyl chloride	4.834	41	51744	3.994	ug/l	80
18) Methylene Chloride	5.093	84	42709	5.347	ug/l	93
19) trans-1,2-Dichloroethene	5.593	96	35653	5.141	ug/l	99
20) Diisopropyl ether	6.487	45	110107	4.156	ug/l	96
21) 1,1-Dichloroethane	6.381	63	70321	4.934	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	43113	5.120	ug/l	97
23) tert-Butyl Alcohol	5.363	59	33604	18.169	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	117617	4.728	ug/l #	75
25) Chloroform	7.816	83	69679	5.033	ug/l	99
26) Cyclohexane	8.087	56	57224	4.453	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	48064	4.778	ug/l	99
30) 2-Butanone	7.328	43	139995	20.486	ug/l	100
31) 2,2-Dichloropropane	7.316	77	56654	5.784	ug/l #	83
32) 1,1,1-Trichloroethane	8.010	97	58843	5.028	ug/l	97
33) Carbon Tetrachloride	8.204	117	48294	4.849	ug/l	94
34) Benzene	8.457	78	161748	5.189	ug/l #	94
35) Methacrylonitrile	7.628	41	26574	4.008	ug/l	94
36) 1,2-Dichloroethane	8.528	62	59026	5.335	ug/l	97
37) Trichloroethene	9.210	130	40544	5.367	ug/l	96
38) Methylcyclohexane	9.457	83	58663	4.797	ug/l	95
39) 1,2-Dichloropropane	9.486	63	40113	4.914	ug/l	97
40) Dibromomethane	9.575	93	27078	5.171	ug/l	87
41) Bromodichloromethane	9.757	83	52529	4.990	ug/l	99
42) Vinyl Acetate	6.428	43	454134	20.254	ug/l	97

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Instrument :
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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	53096	3.992	ug/l	98
44) Isopropyl Acetate	8.557	43	93090	4.372	ug/l	99
45) 1,4-Dioxane	9.569	88	16379	84.294	ug/l #	90
46) Methyl methacrylate	9.557	41	33961	3.595	ug/l	89
47) n-amyl Acetate	12.380	43	46920m	3.327	ug/l	
48) t-1,3-Dichloropropene	10.716	75	52951	4.626	ug/l	93
49) cis-1,3-Dichloropropene	10.186	75	59091	4.755	ug/l	90
50) 1,1,2-Trichloroethane	10.892	97	40574	5.277	ug/l	96
51) Ethyl methacrylate	10.757	69	53726	4.169	ug/l	87
52) 1,3-Dichloropropane	11.039	76	69154	5.050	ug/l	98
53) Dibromochloromethane	11.233	129	38717	4.860	ug/l	99
54) 1,2-Dibromoethane	11.339	107	40560	5.110	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	46687	11.953	ug/l	98
56) Bromoform	12.457	173	28229	4.578	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	251226	19.531	ug/l	93
59) 2-Hexanone	11.080	43	182627	19.117	ug/l	93
61) Tetrachloroethene	10.975	164	36065	5.728	ug/l	87
62) Toluene	10.498	91	175598	5.413	ug/l	97
64) Chlorobenzene	11.763	112	106614	5.407	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.839	131	37953	5.189	ug/l	97
66) Ethyl Benzene	11.839	91	175433	4.933	ug/l	96
67) m/p-Xylenes	11.951	106	135797	10.042	ug/l	94
68) o-Xylene	12.275	106	67866	5.024	ug/l	95
69) Styrene	12.292	104	98195	4.611	ug/l	98
70) Isopropylbenzene	12.574	105	165061	4.821	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.822	83	59427	5.066	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	51495m	4.778	ug/l	
73) Bromobenzene	12.857	156	42391	5.260	ug/l	96
74) n-propylbenzene	12.916	91	170199	4.531	ug/l	99
75) 2-Chlorotoluene	13.004	91	116820	4.953	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	130633	4.793	ug/l	96
77) t-1,4-Dichloro-2-butene	12.622	75	14526	4.148	ug/l	97
78) 4-Chlorotoluene	13.098	91	102692	4.691	ug/l	97
79) tert-butylbenzene	13.322	119	117194	4.727	ug/l	96
80) 1,2,4-Trimethylbenzene	13.363	105	124252	4.731	ug/l #	80
81) sec-Butylbenzene	13.498	105	152842	4.616	ug/l	98
82) p-Isopropyltoluene	13.610	119	118916	4.474	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	64747	4.935	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	61417	4.902	ug/l	98
85) n-Butylbenzene	13.939	91	79770	4.038	ug/l	98
86) Hexachloroethane	14.204	117	23689	4.666	ug/l	86
87) 1,2-Dichlorobenzene	13.986	146	63926	5.005	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	8895	4.033	ug/l	89
89) 1,2,4-Trichlorobenzene	15.263	180	21044	3.584	ug/l	95
90) Hexachlorobutadiene	15.368	225	18826	5.584	ug/l	100
91) Naphthalene	15.504	128	42540	2.371	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	19678	3.294	ug/l	93

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

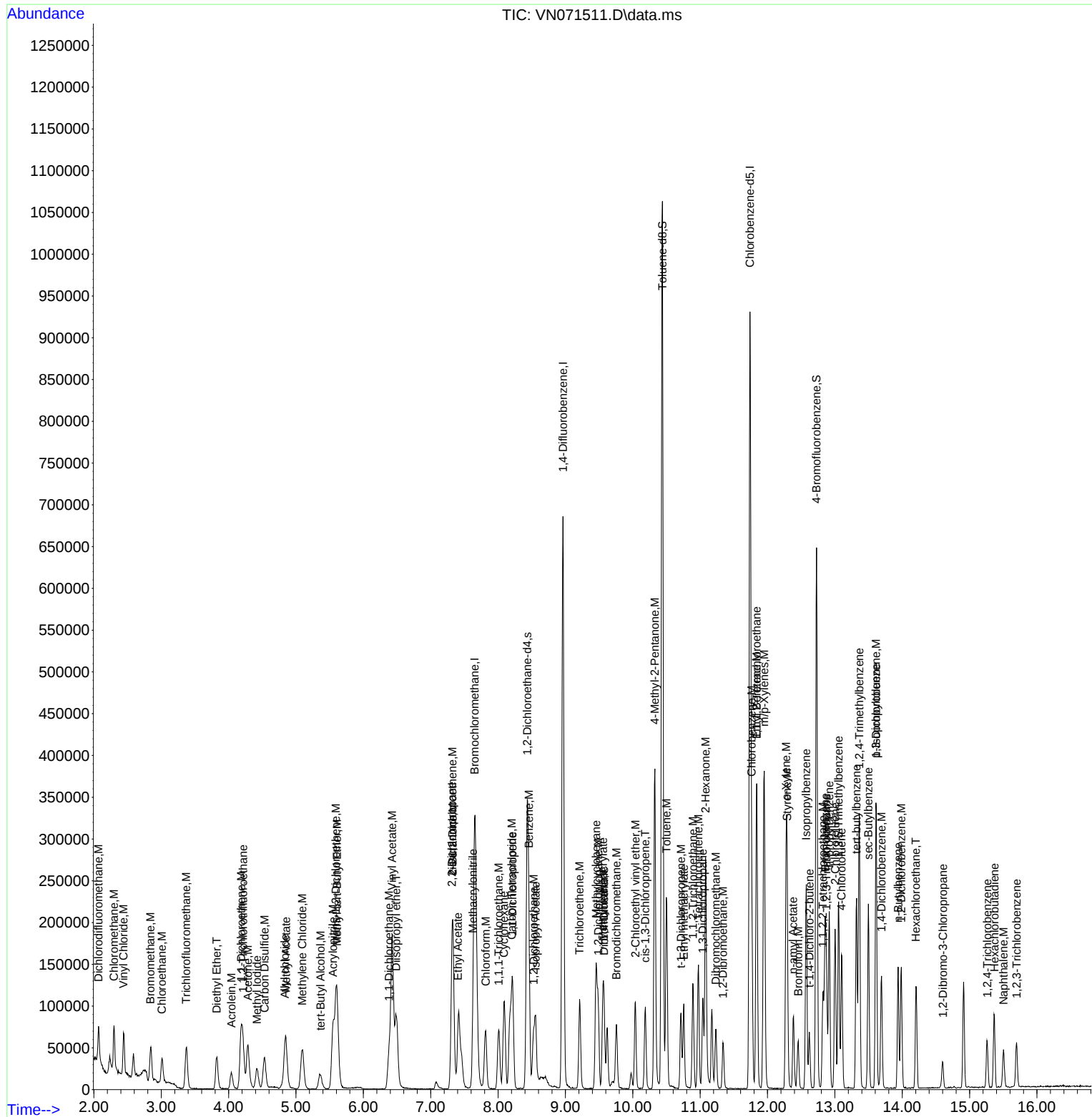
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
Data File : VN071511.D
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Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

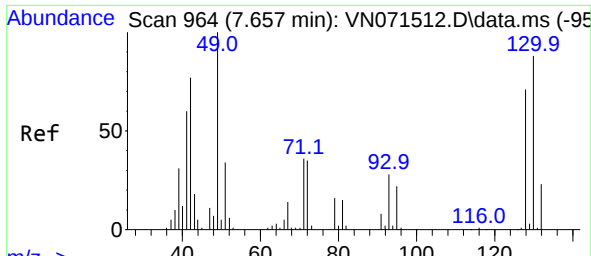
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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

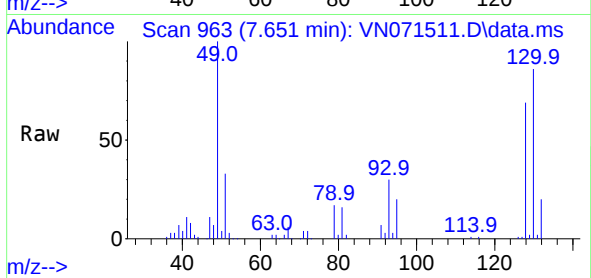
Quant Time: Mar 24 11:42:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 11:41:47 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

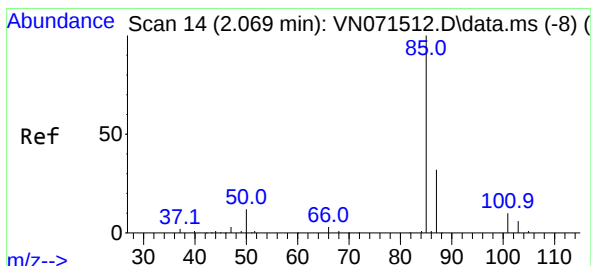
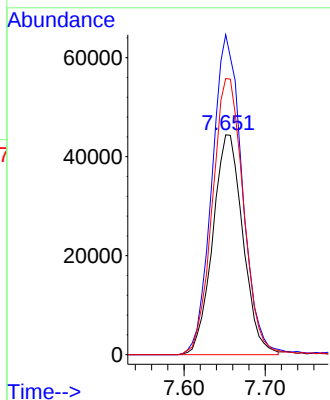
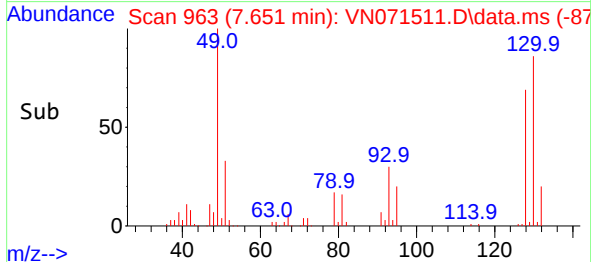
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



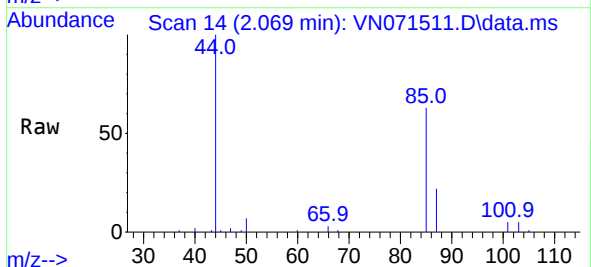
Tgt Ion:128 Resp: 11476
Ion Ratio Lower Upper
128 100
49 145.5 0.0 392.3
130 129.6 0.0 320.2

Manual Integrations
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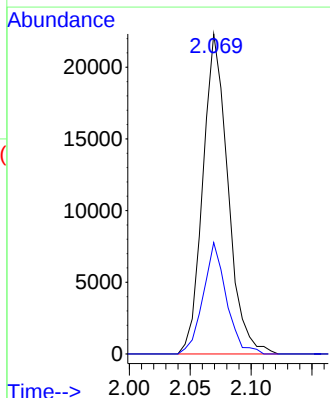
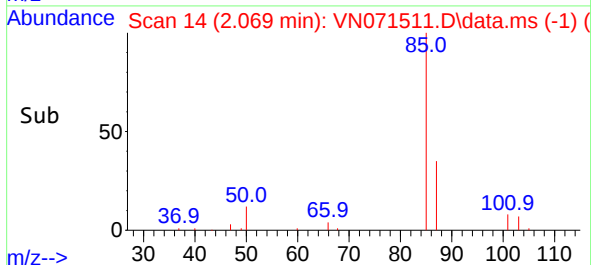
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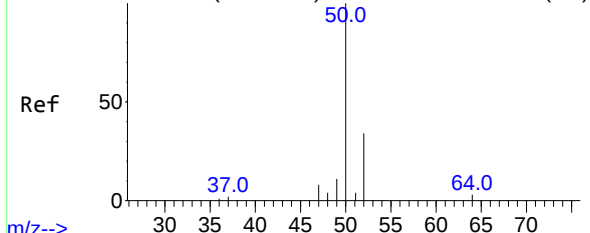
#2
Dichlorodifluoromethane
Concen: 4.318 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion: 85 Resp: 31926
Ion Ratio Lower Upper
85 100
87 34.8 16.6 49.7



Abundance Scan 53 (2.299 min): VN071512.D\data.ms (-48)



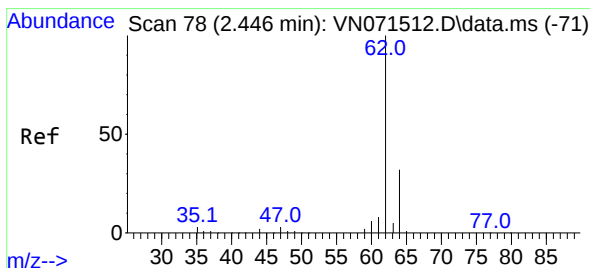
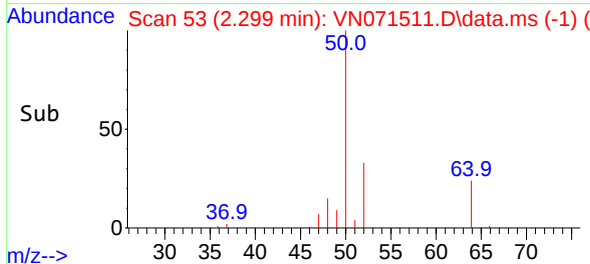
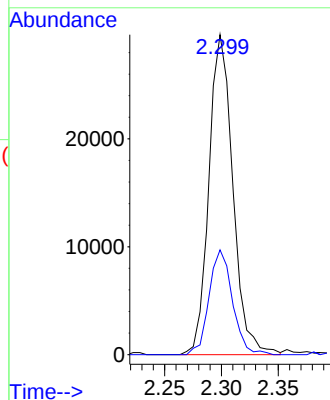
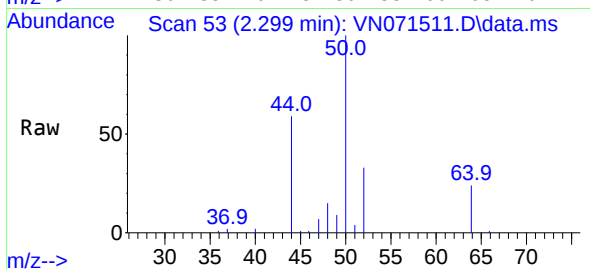
#3
Chloromethane
Concen: 4.546 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 43558
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.6

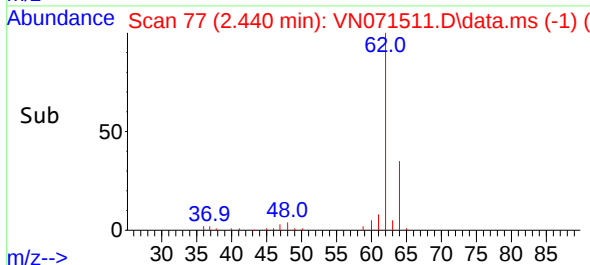
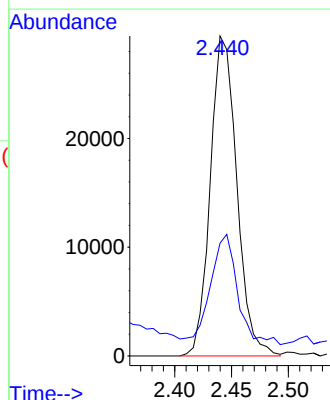
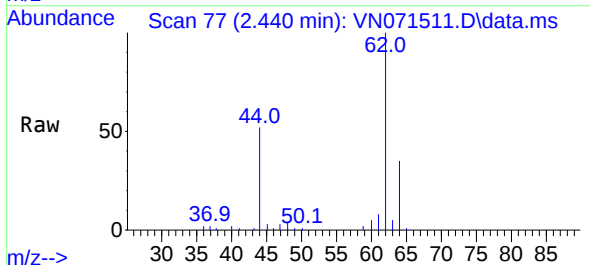
Manual Integrations
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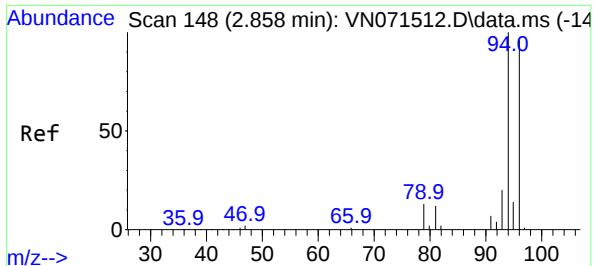
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#4
Vinyl Chloride
Concen: 5.231 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 62 Resp: 47882
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





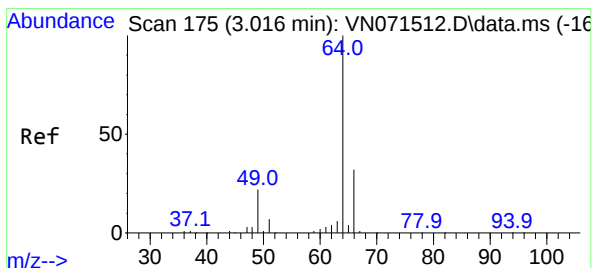
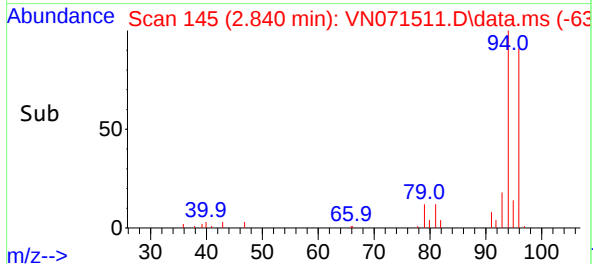
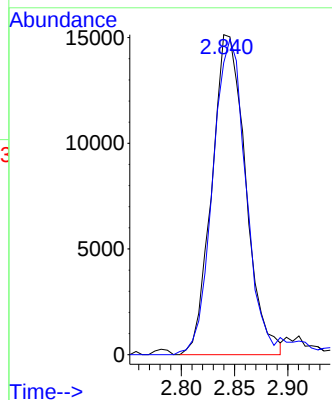
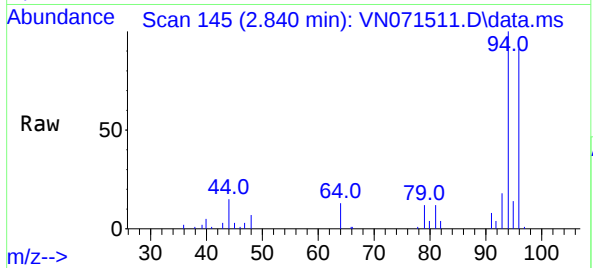
#5
Bromomethane
Concen: 6.905 ug/l
RT: 2.840 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 3334
Ion Ratio Lower Upper
94 100
96 90.2 75.2 112.8

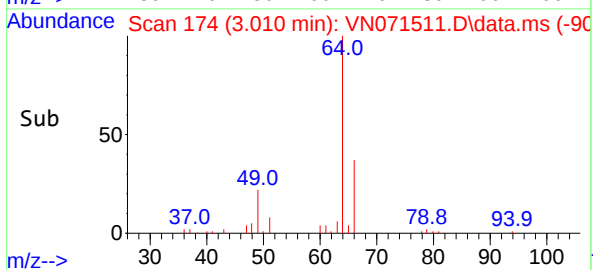
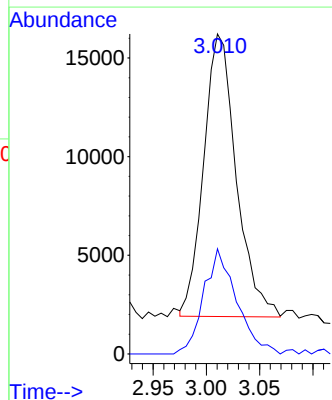
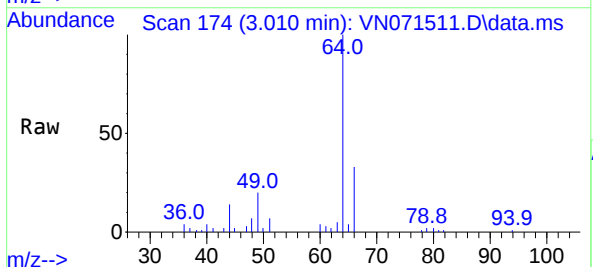
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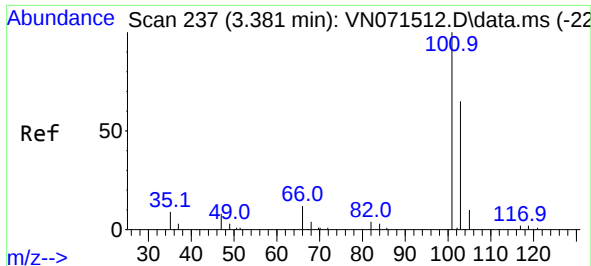
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#6
Chloroethane
Concen: 5.430 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 64 Resp: 30497
Ion Ratio Lower Upper
64 100
66 37.2 24.6 36.8#





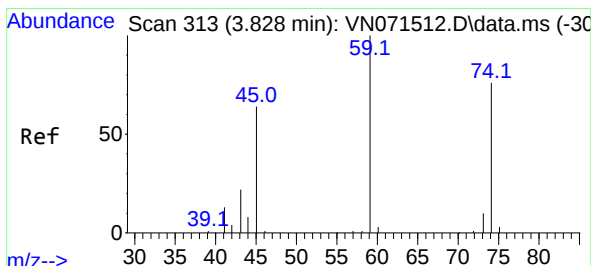
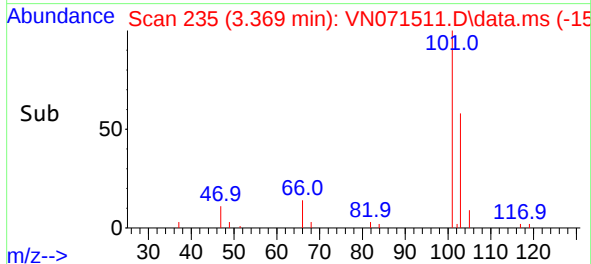
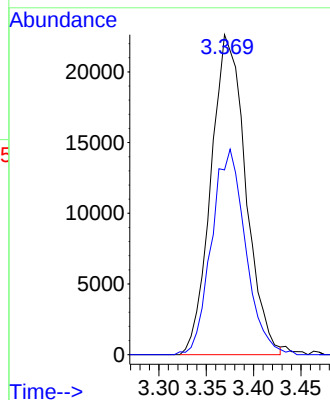
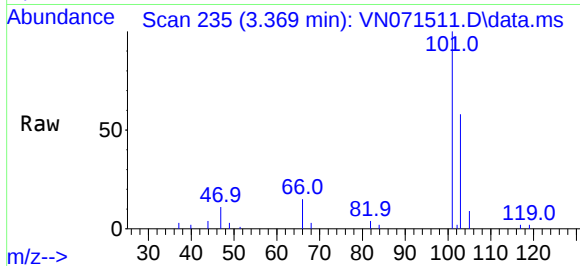
#7
Trichlorofluoromethane
Concen: 5.062 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 5772
Ion Ratio Lower Upper
101 100
103 56.8 50.1 75.1

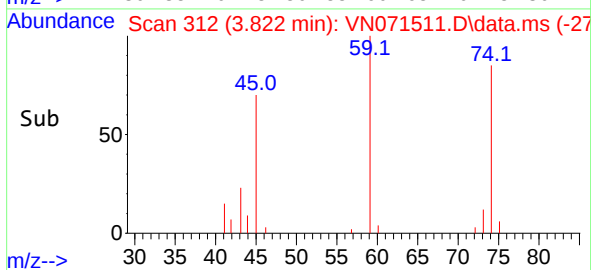
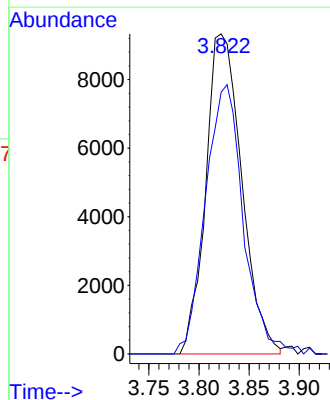
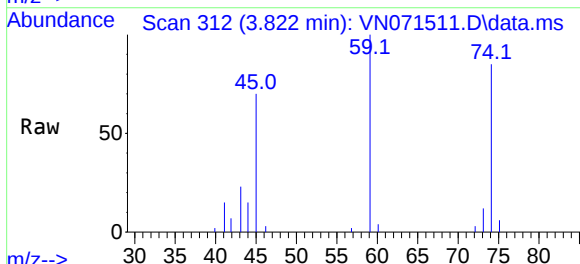
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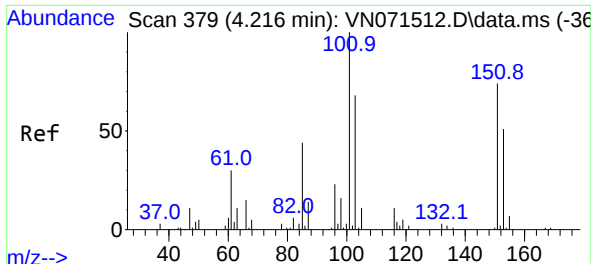
Reviewed By :John Carlone 03/25/2022
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#8
Diethyl Ether
Concen: 4.719 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 74 Resp: 23359
Ion Ratio Lower Upper
74 100
45 86.8 17.6 158.8





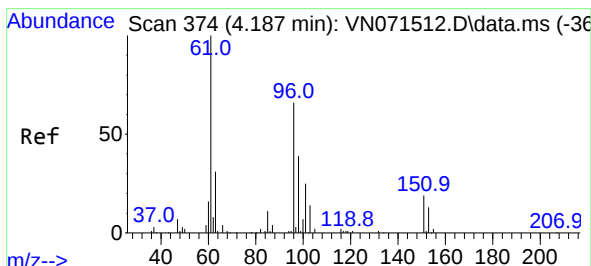
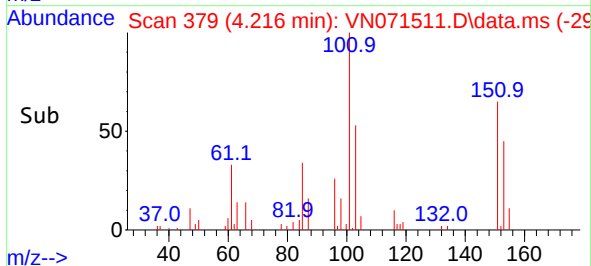
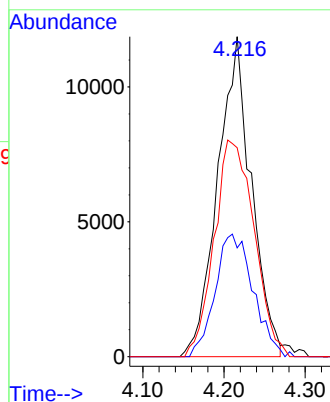
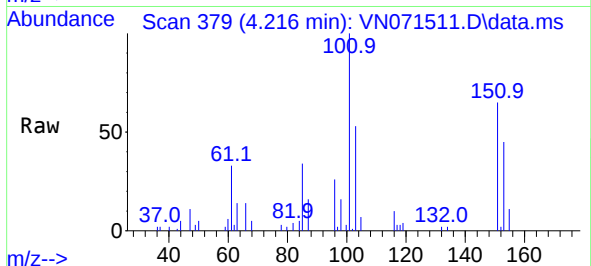
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1,1,2-Trichlorotrifluoroethane
Concen: 5.244 ug/l
RT: 4.216 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 34228
Ion Ratio Lower Upper
101 100
85 43.0 0.0 94.0
151 80.1 0.0 74.6

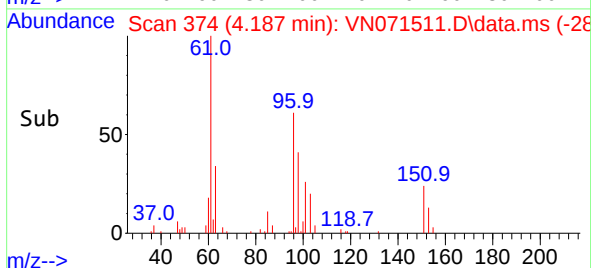
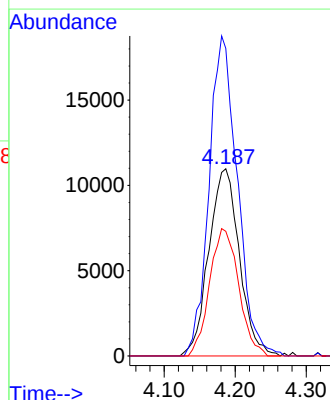
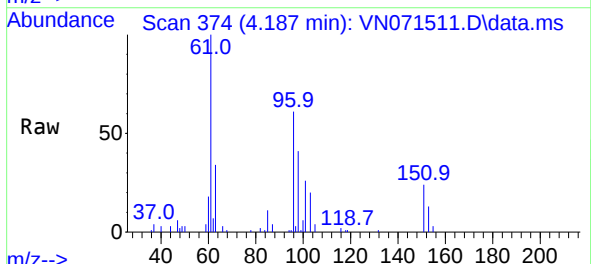
Manual Integrations
APPROVED

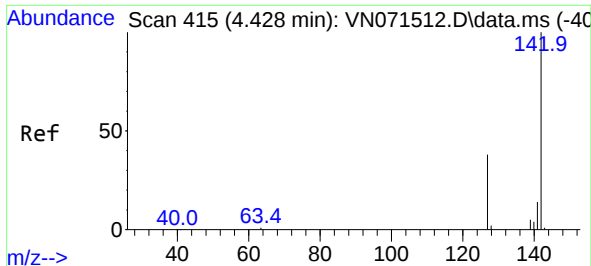
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
1,1-Dichloroethene
Concen: 4.987 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

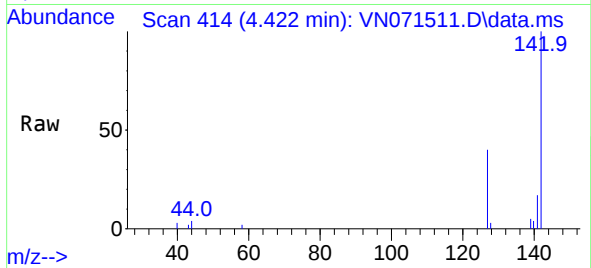
Tgt Ion: 96 Resp: 32805
Ion Ratio Lower Upper
96 100
61 164.3 126.2 189.4
98 66.6 50.9 76.3





#11
Methyl Iodide
Concen: 4.725 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

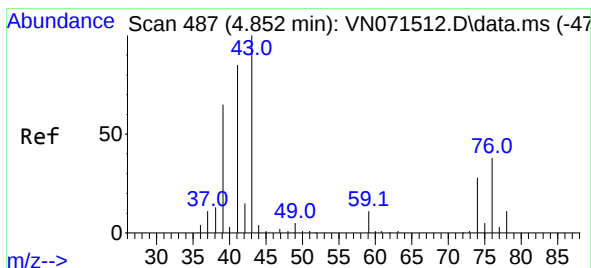
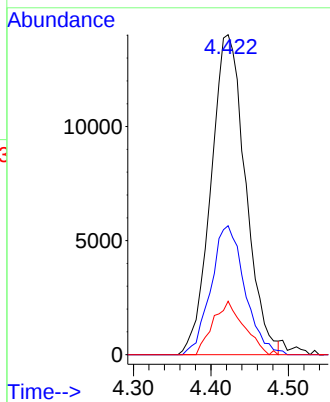
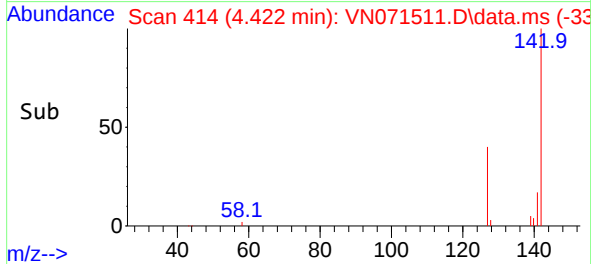
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 4345
Ion Ratio Lower Upper
142 100
127 40.5 24.0 72.0
141 17.1 8.4 25.2

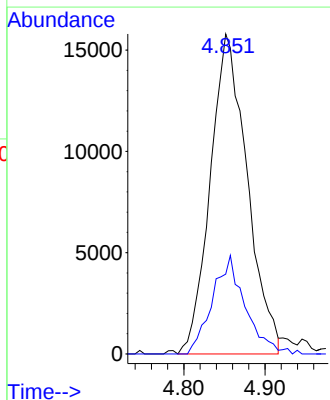
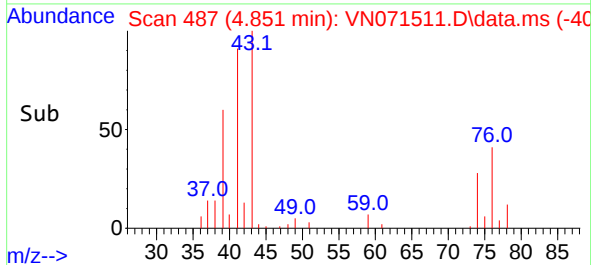
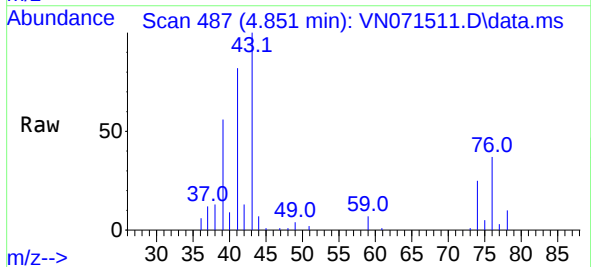
Manual Integrations
APPROVED

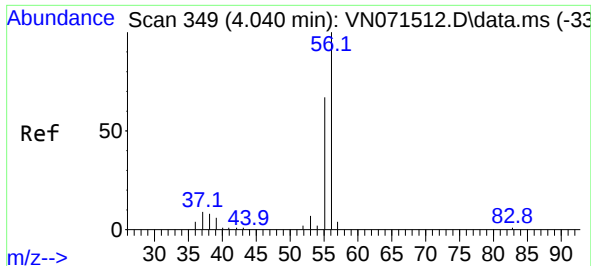
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#12
Methyl Acetate
Concen: 4.184 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

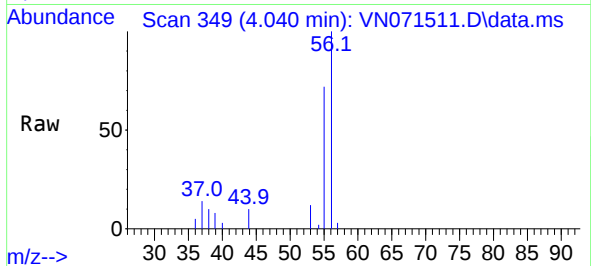
Tgt Ion: 43 Resp: 49951
Ion Ratio Lower Upper
43 100
74 25.0 20.8 31.2





#13
Acrolein
Concen: 16.625 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

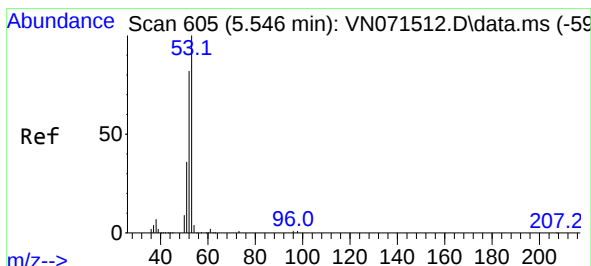
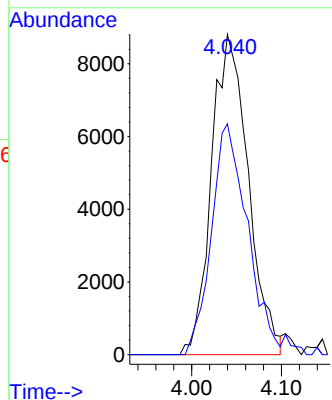
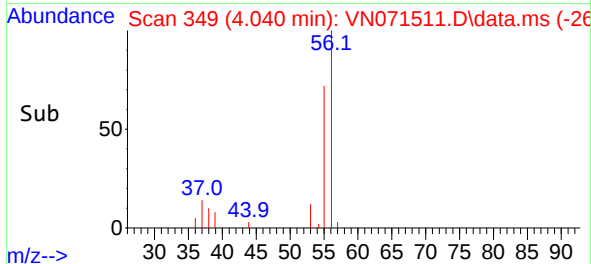
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



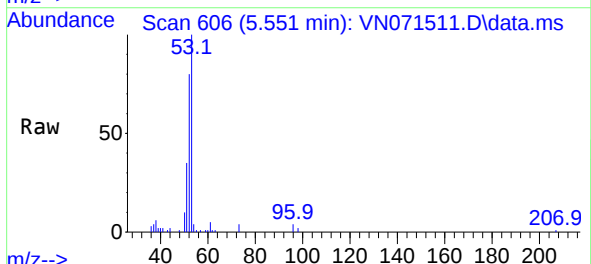
Tgt Ion: 56 Resp: 25049
Ion Ratio Lower Upper
56 100
55 70.3 57.6 86.4

Manual Integrations
APPROVED

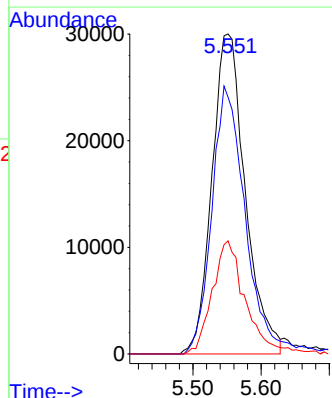
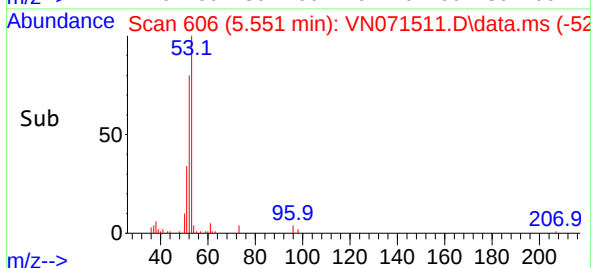
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

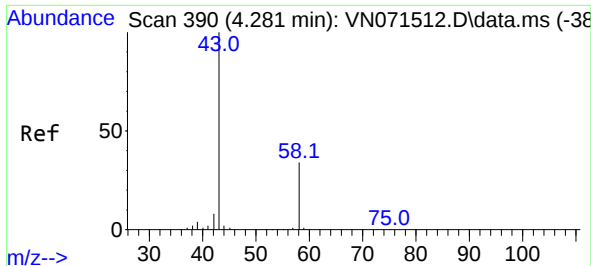


#14
Acrylonitrile
Concen: 20.272 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



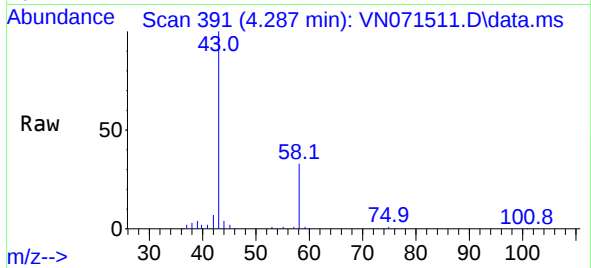
Tgt Ion: 53 Resp: 102056
Ion Ratio Lower Upper
53 100
52 83.6 41.8 125.4
51 34.5 19.0 57.0





#15
Acetone
Concen: 23.998 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

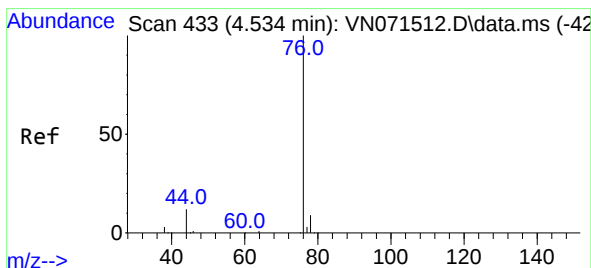
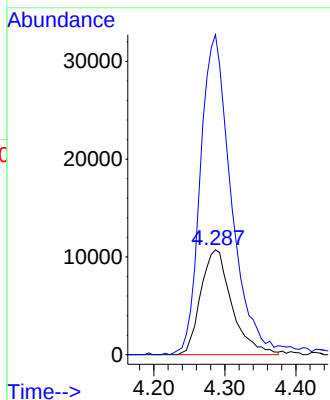
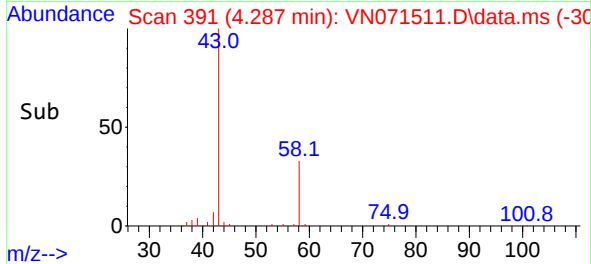
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



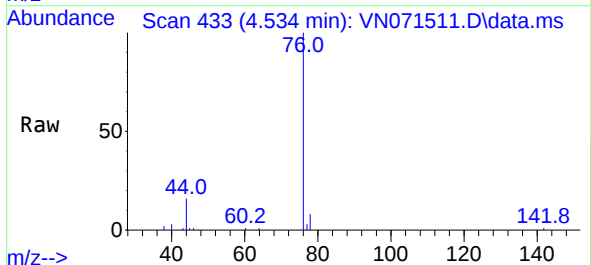
Tgt Ion: 58 Resp: 3261
Ion Ratio Lower Upper
58 100
43 301.0 256.6 384.8

Manual Integrations
APPROVED

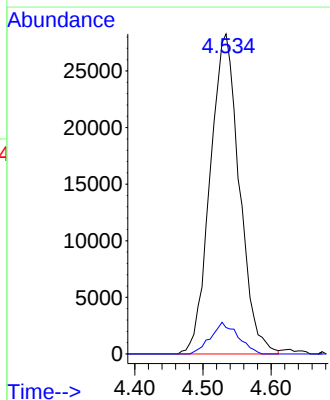
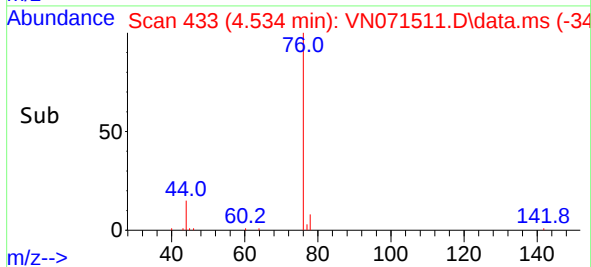
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

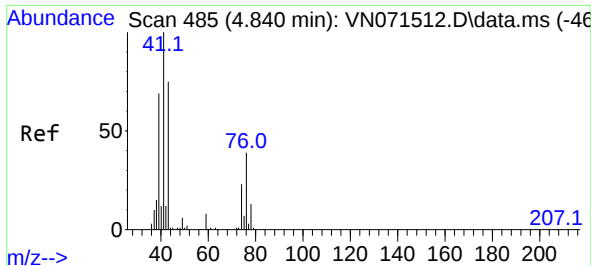


#16
Carbon Disulfide
Concen: 4.777 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion: 76 Resp: 84478
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8





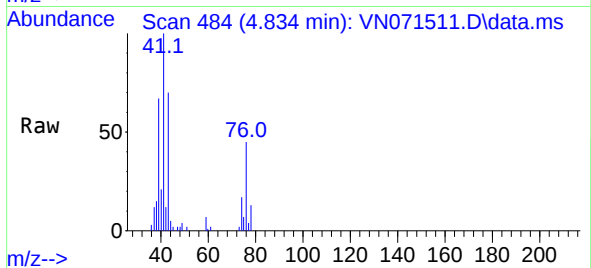
#17
 Allyl chloride
 Concen: 3.994 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

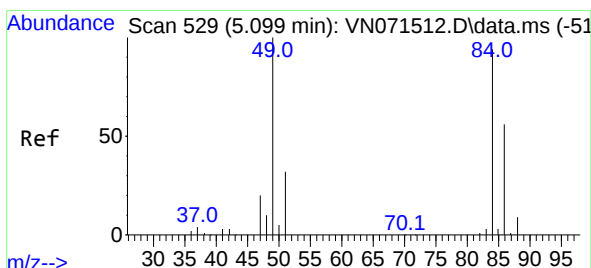
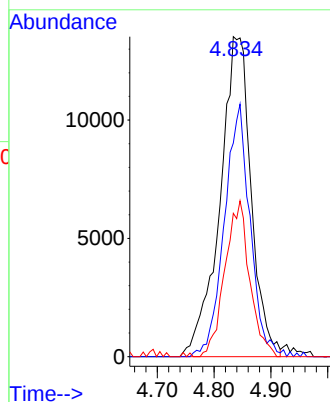
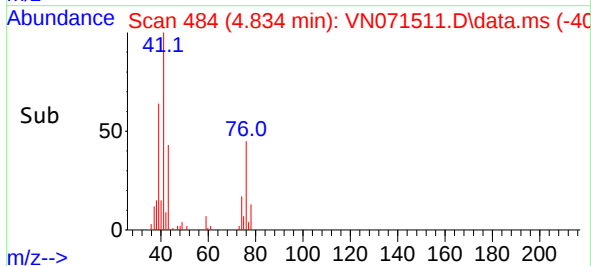


Tgt Ion: 41 Resp: 51744
 Ion Ratio Lower Upper
 41 100
 39 66.7 44.6 134.0
 76 44.8 19.6 58.7

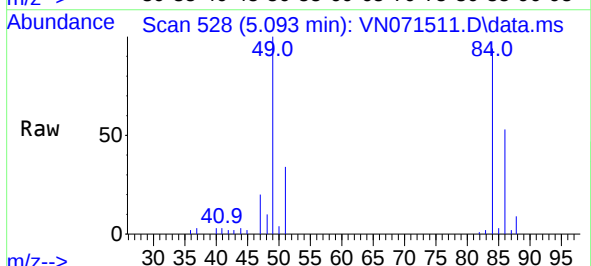
Manual Integrations

APPROVED

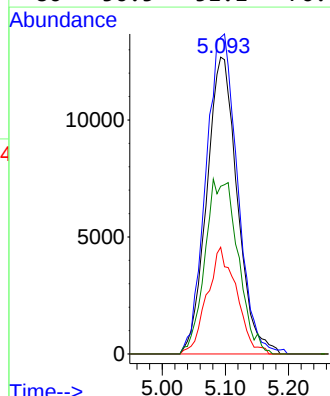
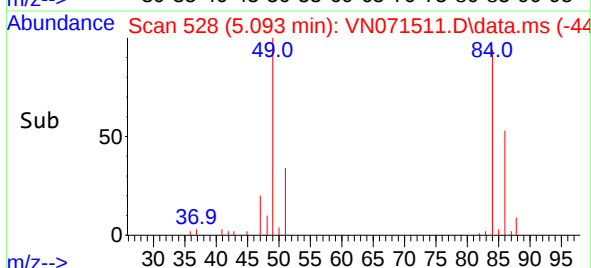
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

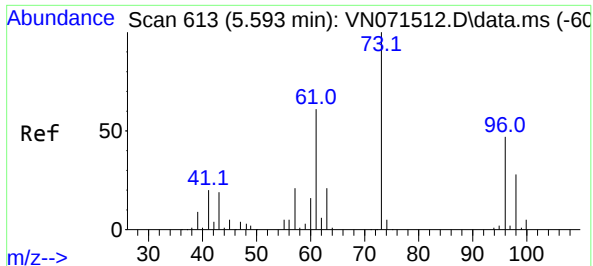


#18
 Methylene Chloride
 Concen: 5.347 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. -0.006 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06



Tgt Ion: 84 Resp: 42709
 Ion Ratio Lower Upper
 84 100
 49 106.6 91.4 137.0
 51 36.0 29.4 44.0
 86 56.5 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 5.141 ug/l

RT: 5.593 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN071511.D

Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 3565

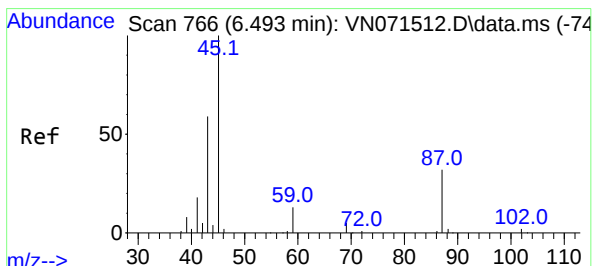
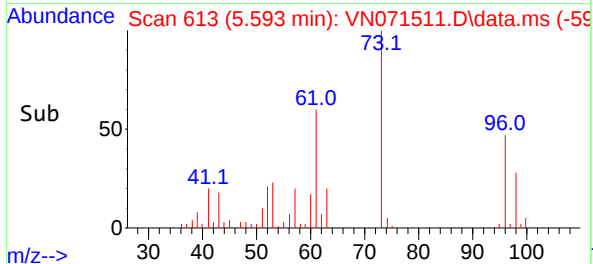
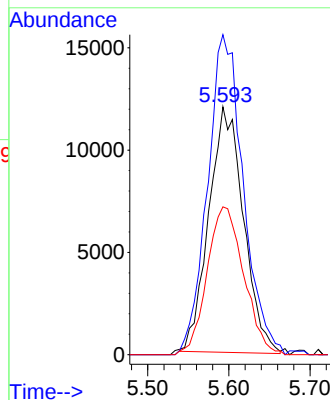
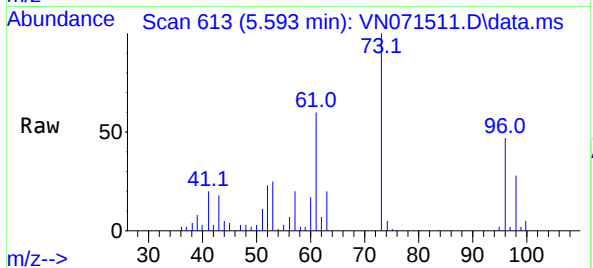
Ion	Ratio	Lower	Upper
96	100		
61	129.1	102.8	154.2
98	58.9	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#20

Diisopropyl ether

Concen: 4.156 ug/l

RT: 6.487 min Scan# 765

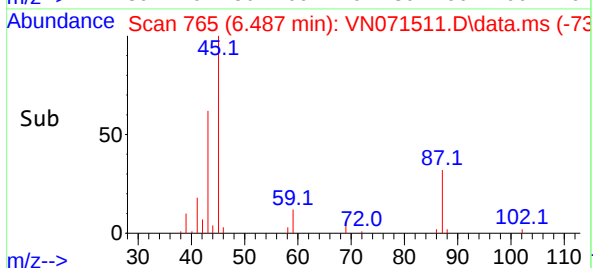
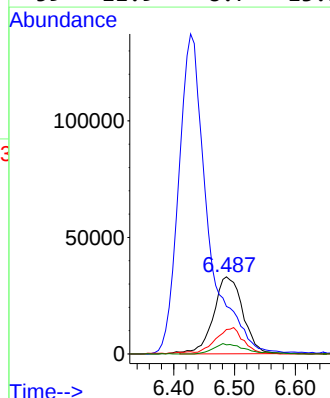
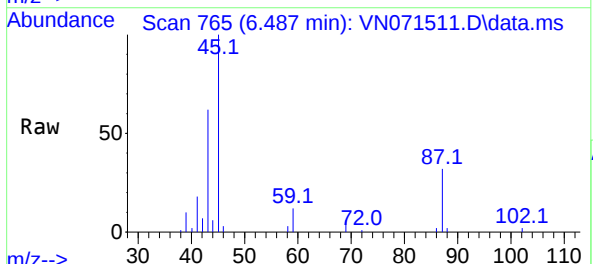
Delta R.T. -0.006 min

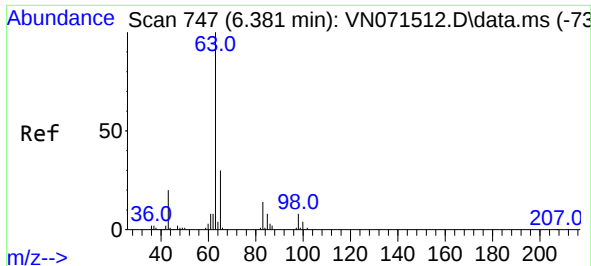
Lab File: VN071511.D

Acq: 24 Mar 2022 10:06

Tgt Ion: 45 Resp: 110107

Ion	Ratio	Lower	Upper
45	100		
43	59.2	51.0	76.4
87	32.1	25.0	37.4
59	11.9	8.7	13.1





#21

1,1-Dichloroethane

Concen: 4.934 ug/l

RT: 6.381 min Scan# 747

Delta R.T. -0.000 min

Lab File: VN071511.D

Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

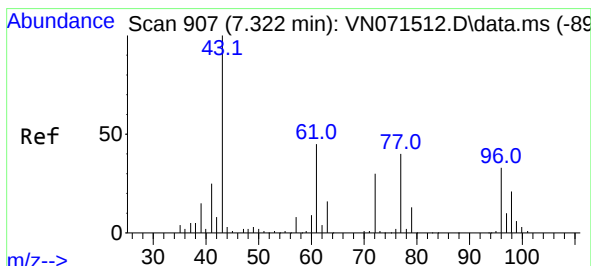
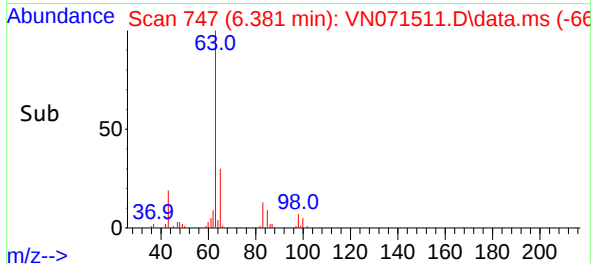
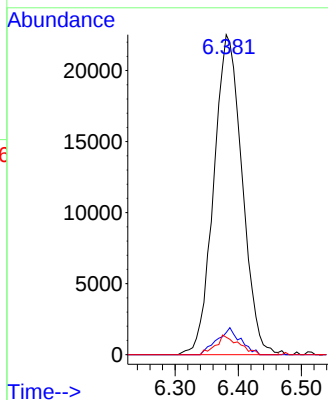
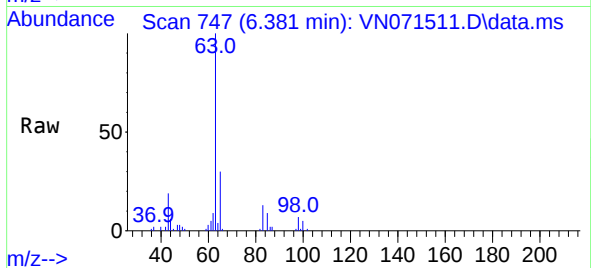
Tgt Ion:	63	Resp:	7032
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.2	9.6
100	5.5	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#22

cis-1,2-Dichloroethene

Concen: 5.120 ug/l

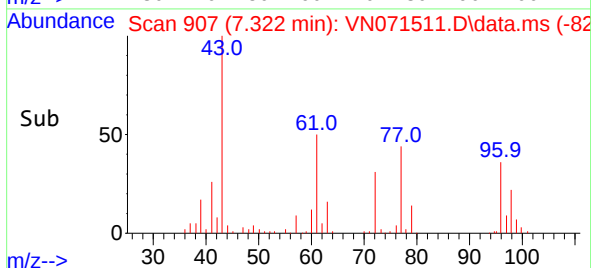
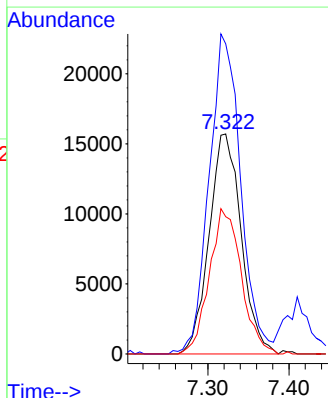
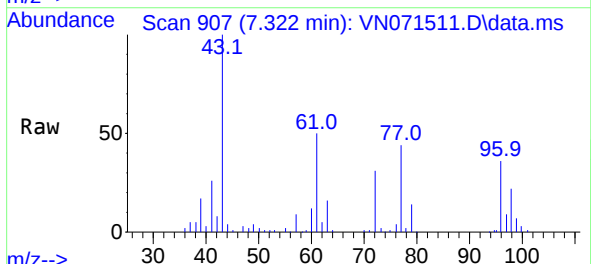
RT: 7.322 min Scan# 907

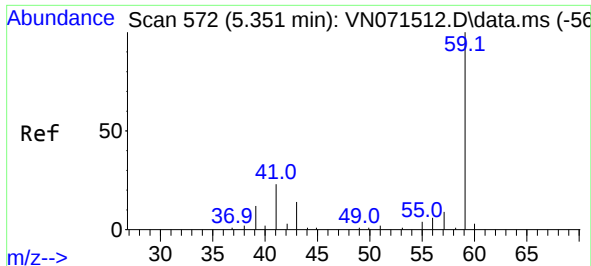
Delta R.T. -0.000 min

Lab File: VN071511.D

Acq: 24 Mar 2022 10:06

Tgt Ion:	96	Resp:	43113
Ion	Ratio	Lower	Upper
96	100		
61	140.9	115.7	173.5
98	65.8	51.6	77.4





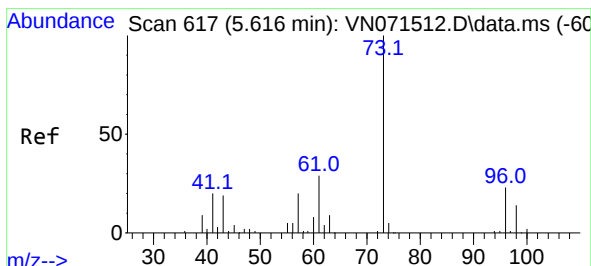
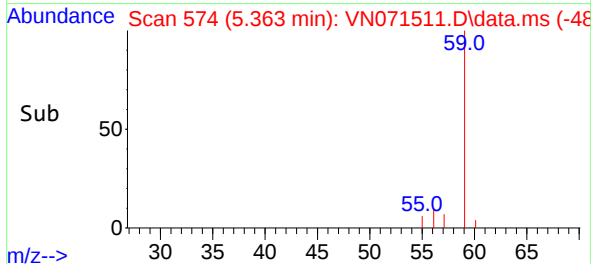
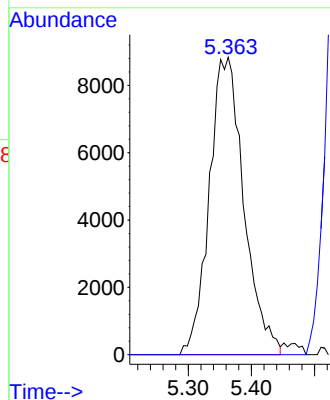
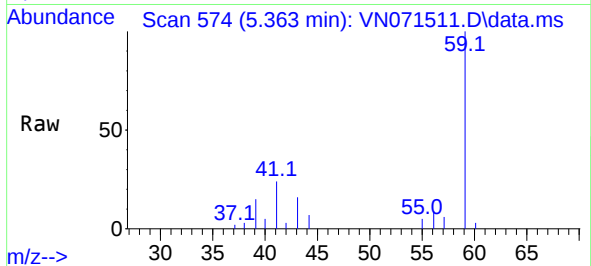
#23
tert-Butyl Alcohol
Concen: 18.169 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 33604
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

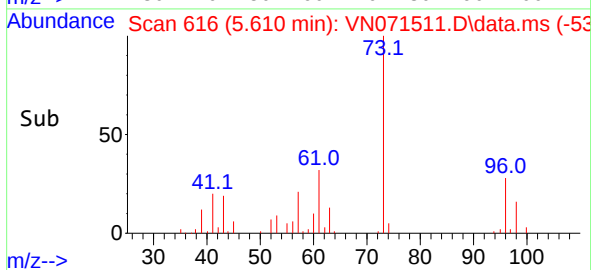
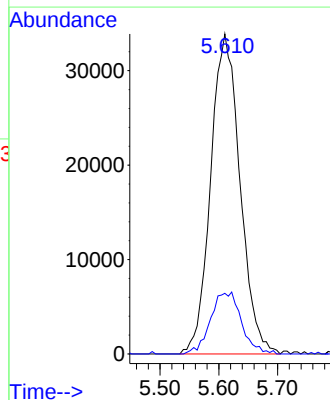
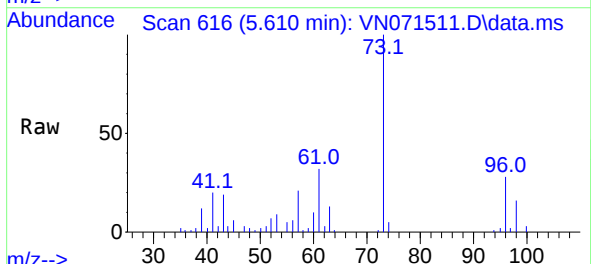
Manual Integrations
APPROVED

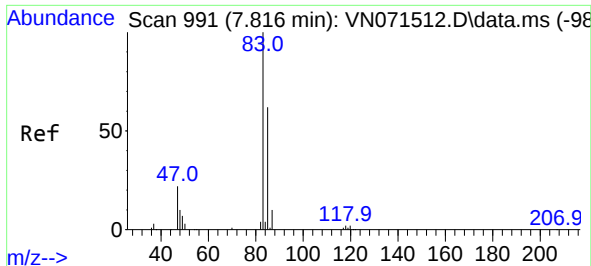
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#24
Methyl tert-Butyl Ether
Concen: 4.728 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

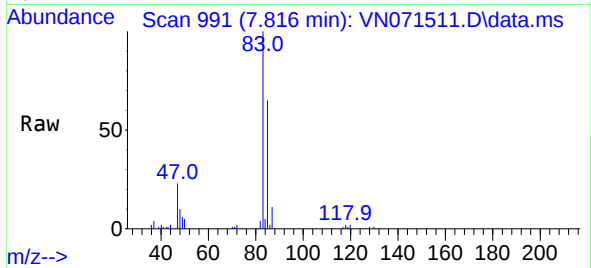
Tgt Ion: 73 Resp: 117617
Ion Ratio Lower Upper
73 100
43 10.7 18.1 27.1#





#25
Chloroform
Concen: 5.033 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

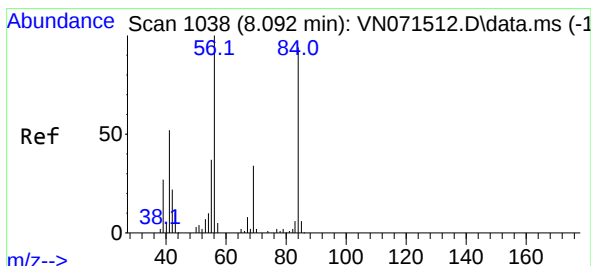
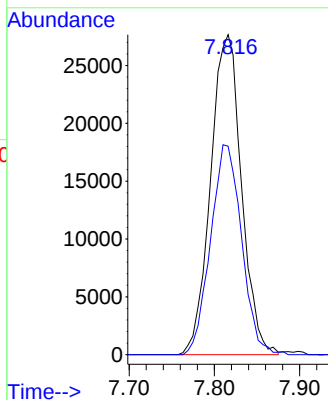
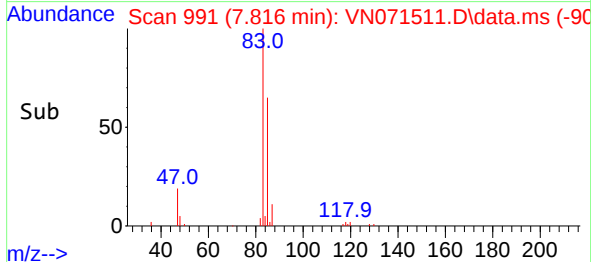
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



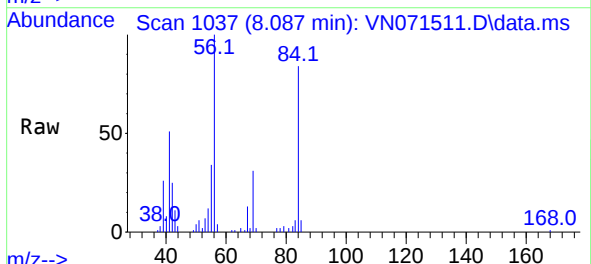
Tgt Ion: 83 Resp: 69679
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

Manual Integrations
APPROVED

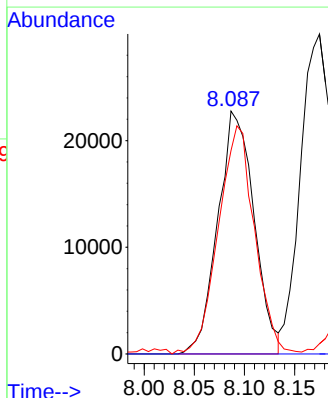
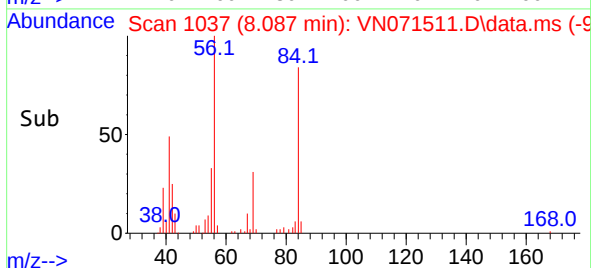
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

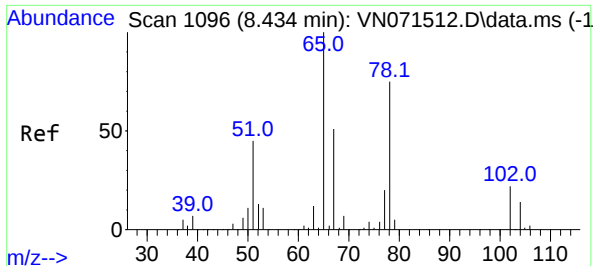


#26
Cyclohexane
Concen: 4.453 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion: 56 Resp: 57224
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.0 74.6 111.8





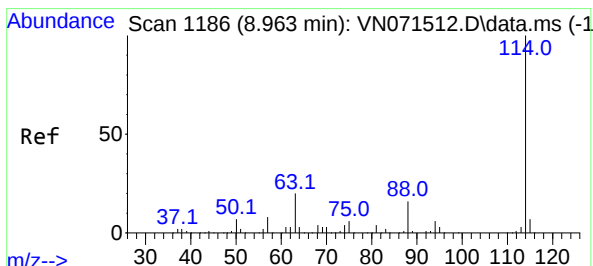
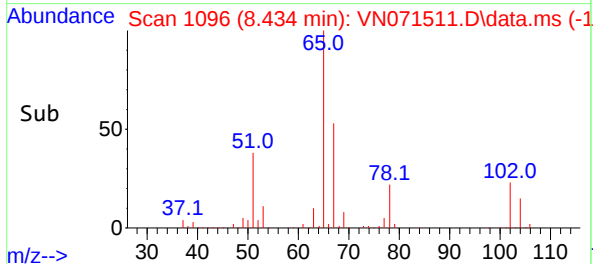
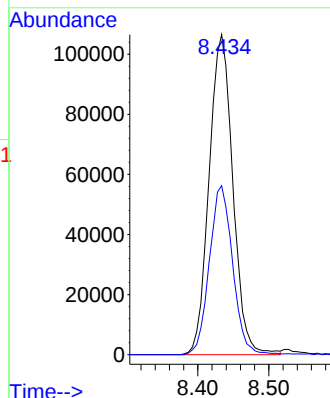
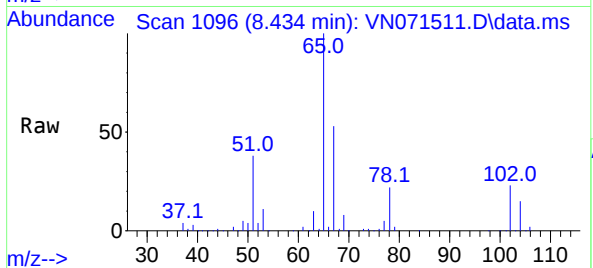
#27
1,2-Dichloroethane-d4
Concen: 27.763 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 247668
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2

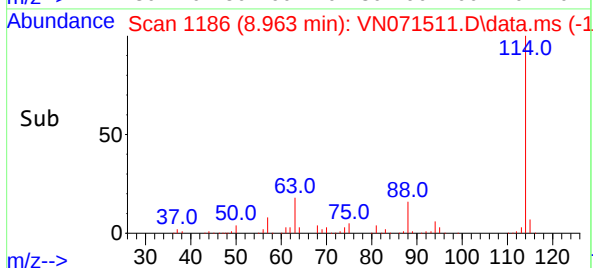
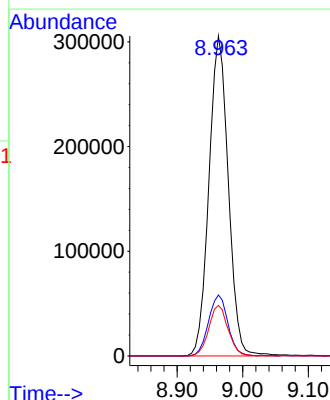
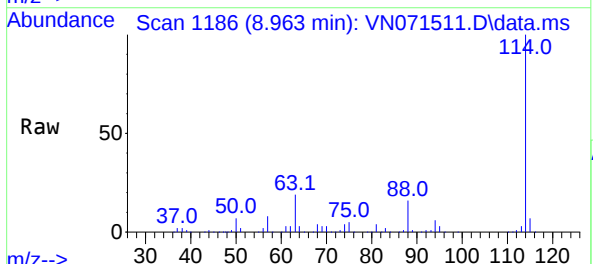
Manual Integrations
APPROVED

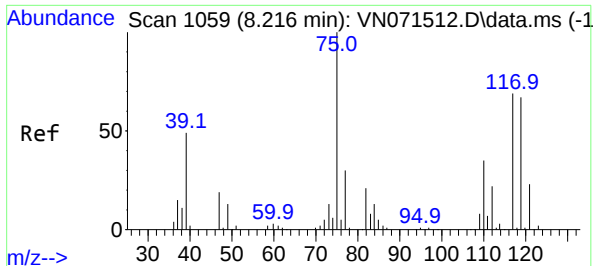
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:114 Resp: 625785
Ion Ratio Lower Upper
114 100
63 19.1 15.8 23.6
88 15.7 11.6 17.4





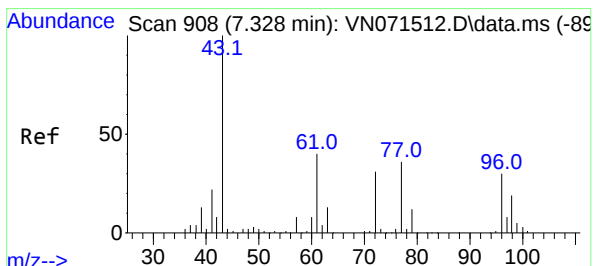
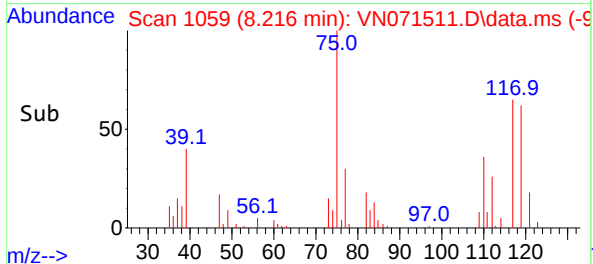
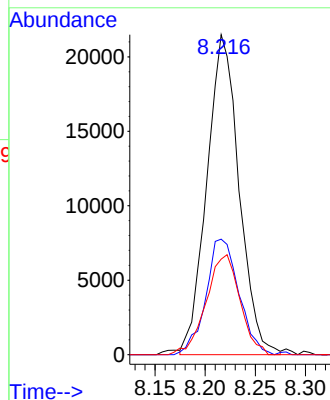
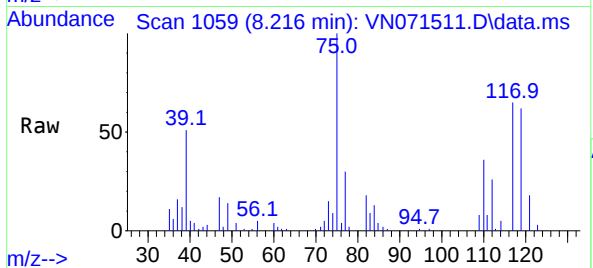
#29
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 48064
Ion Ratio Lower Upper
75 100
110 36.9 0.0 74.2
77 32.7 0.0 63.2

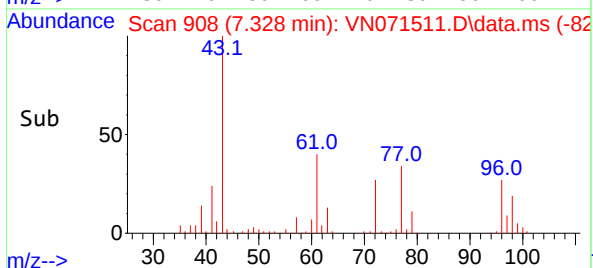
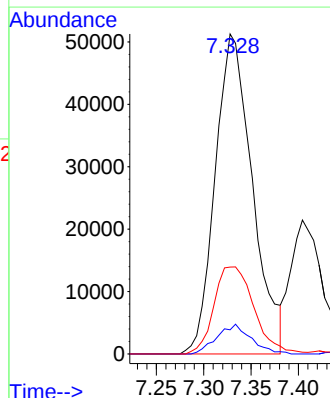
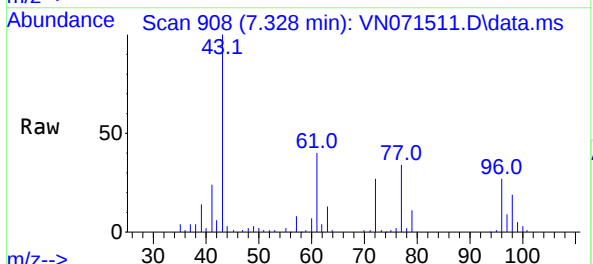
Manual Integrations
APPROVED

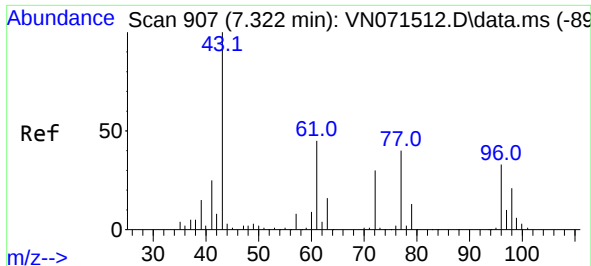
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#30
2-Butanone
Concen: 20.486 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 43 Resp: 139995
Ion Ratio Lower Upper
43 100
57 8.4 6.7 10.1
72 29.3 23.2 34.8





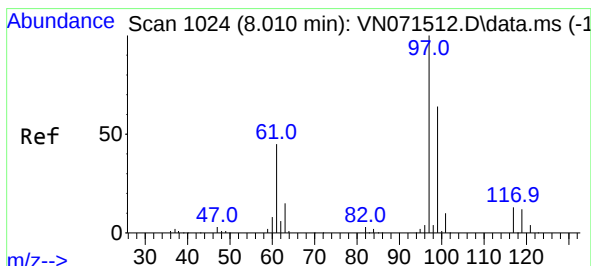
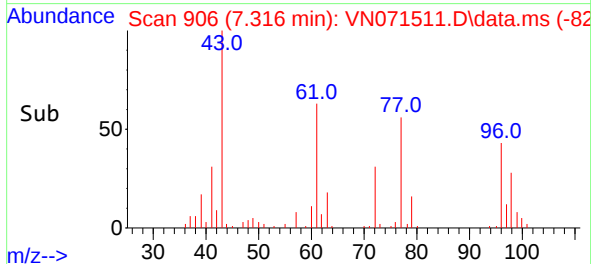
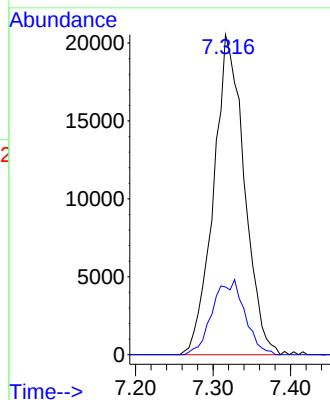
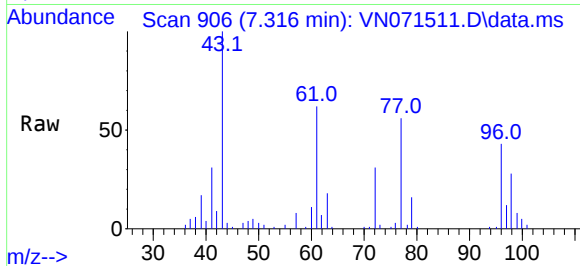
#31
2,2-Dichloropropane
Concen: 5.784 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 56654
Ion Ratio Lower Upper
77 100
97 14.5 18.3 27.5

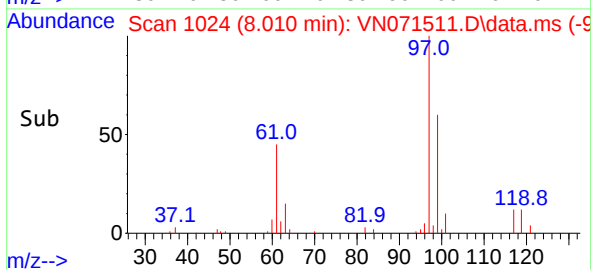
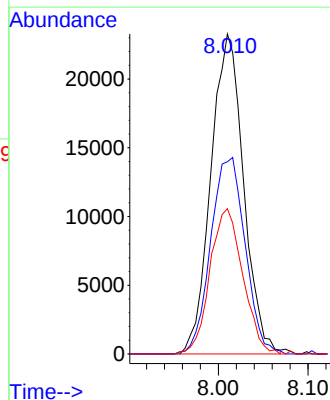
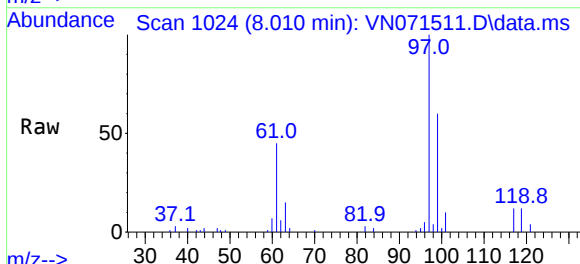
Manual Integrations
APPROVED

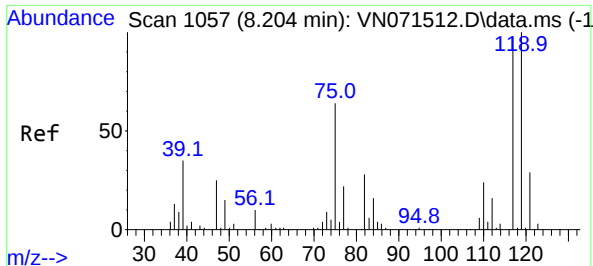
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#32
1,1,1-Trichloroethane
Concen: 5.028 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 97 Resp: 58843
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 45.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 4.849 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

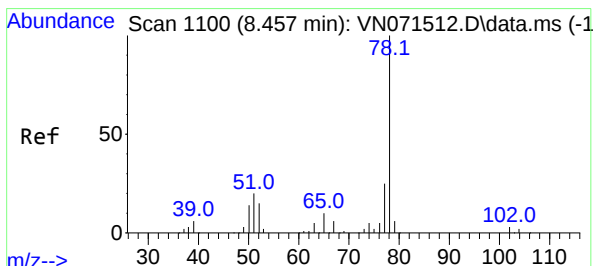
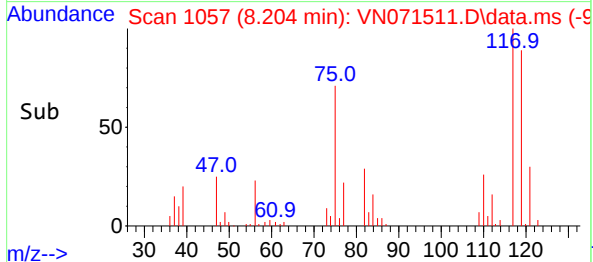
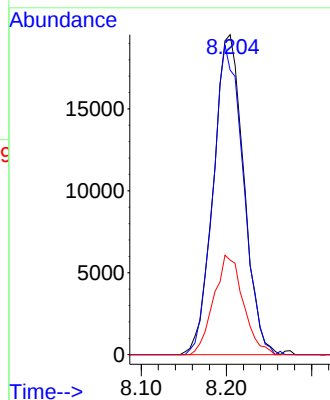
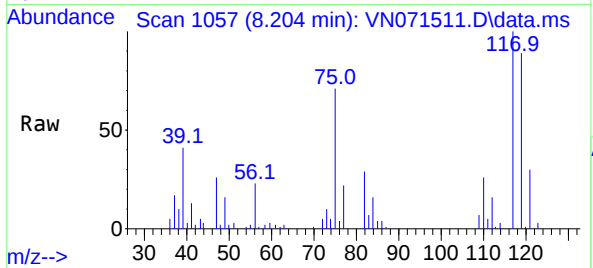
Tgt Ion:117 Resp: 48294
Ion Ratio Lower Upper
117 100
119 88.9 77.5 116.3
121 29.6 23.5 35.3

Manual Integrations

APPROVED

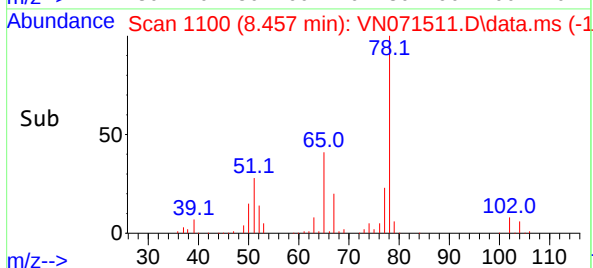
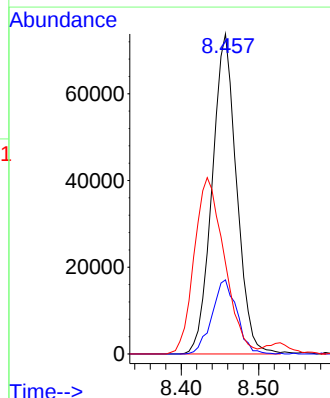
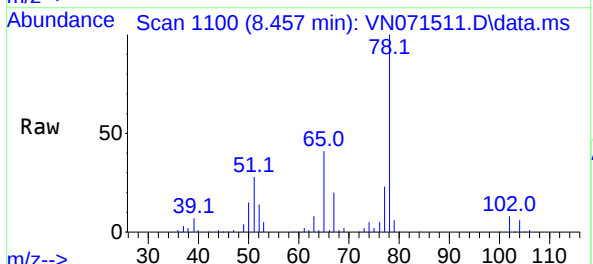
Reviewed By :John Carlone 03/25/2022

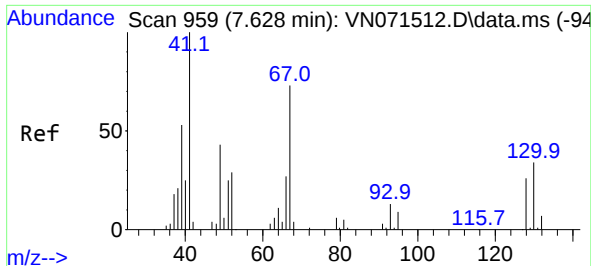
Supervised By :Mahesh Dadoda 03/25/2022



#34
Benzene
Concen: 5.189 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 78 Resp: 161748
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 25.0 16.0 24.0#





#35
Methacrylonitrile
Concen: 4.008 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

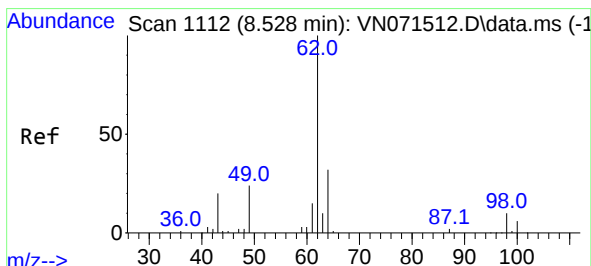
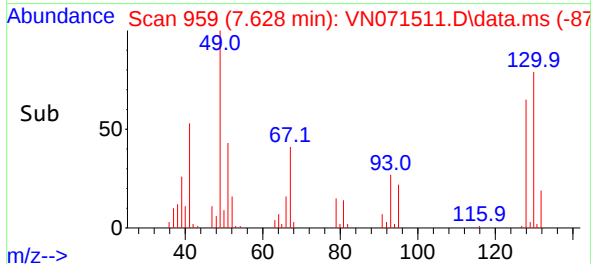
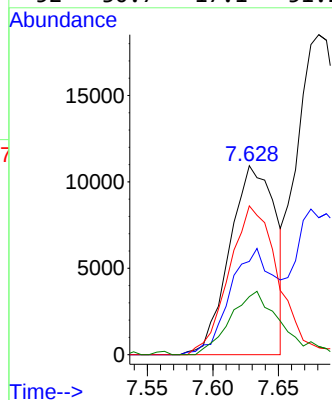
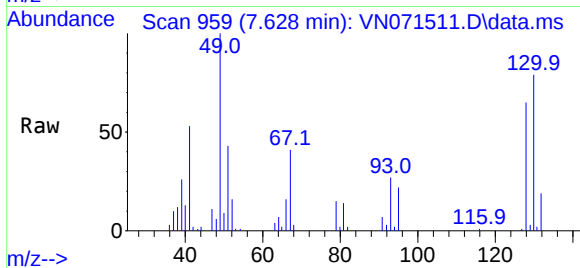
VSTDICC005

Tgt Ion: 41 Resp: 26574
Ion Ratio Lower Upper
41 100
39 49.3 28.0 83.9
67 78.7 37.7 113.1
52 30.7 17.1 51.2

Manual Integrations

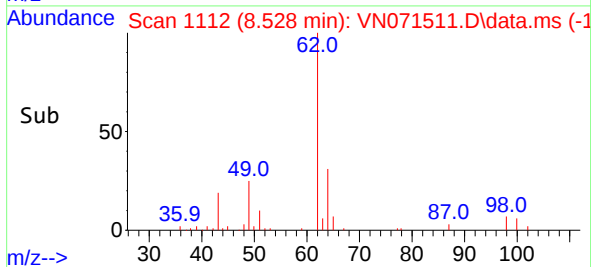
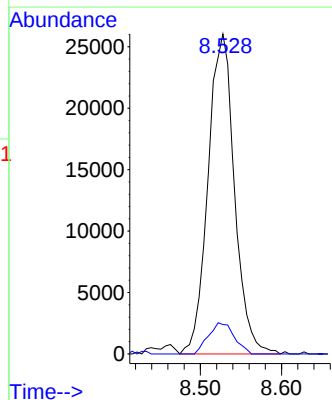
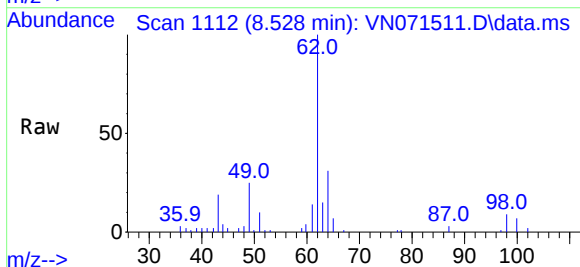
APPROVED

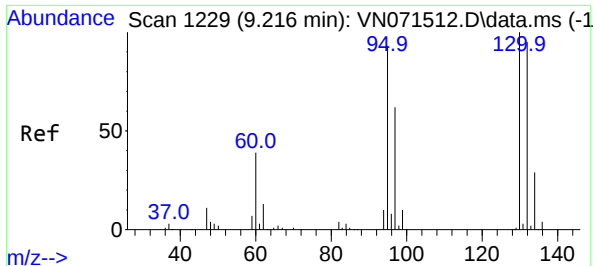
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#36
1,2-Dichloroethane
Concen: 5.335 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 62 Resp: 59026
Ion Ratio Lower Upper
62 100
98 9.5 6.6 10.0





#37
Trichloroethene
Concen: 5.367 ug/l
RT: 9.210 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

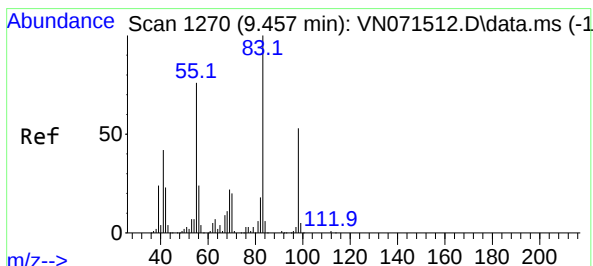
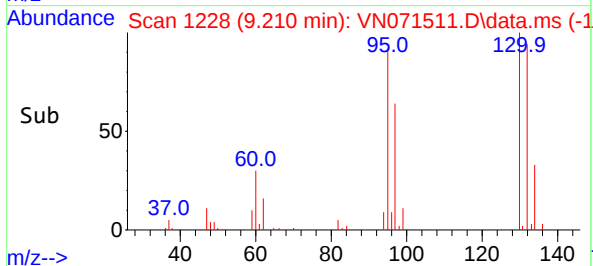
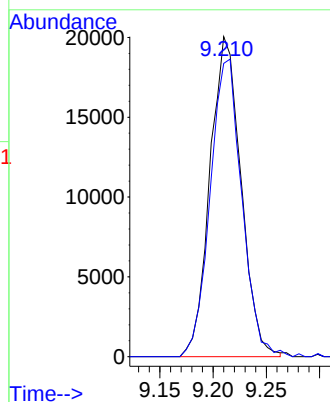
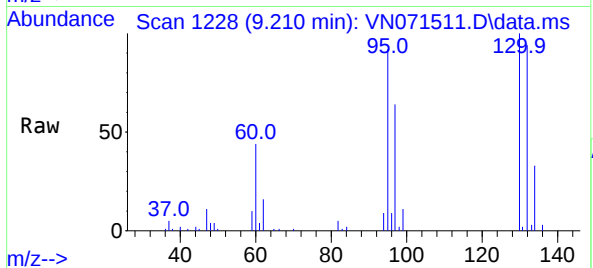
VSTDIC005

Tgt Ion:130 Resp: 40544
Ion Ratio Lower Upper
130 100
95 91.7 76.6 115.0

Manual Integrations

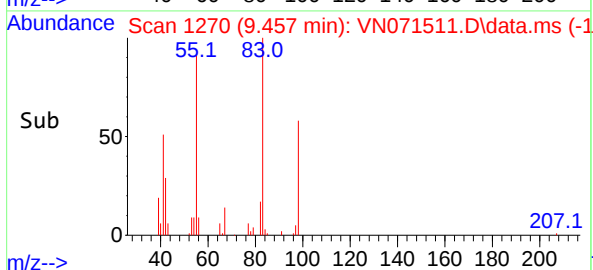
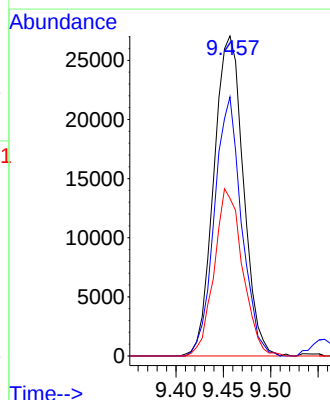
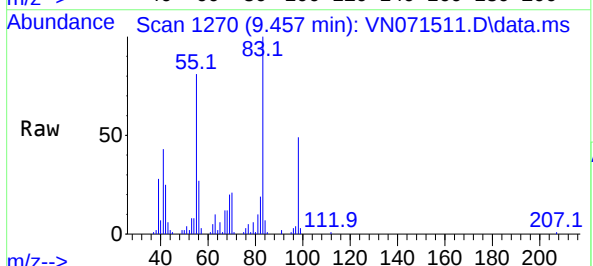
APPROVED

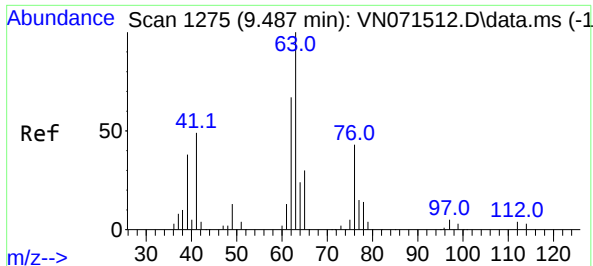
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Methylcyclohexane
Concen: 4.797 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 83 Resp: 58663
Ion Ratio Lower Upper
83 100
55 74.7 35.1 105.3
98 50.2 23.4 70.2





#39
1,2-Dichloropropane
Concen: 4.914 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

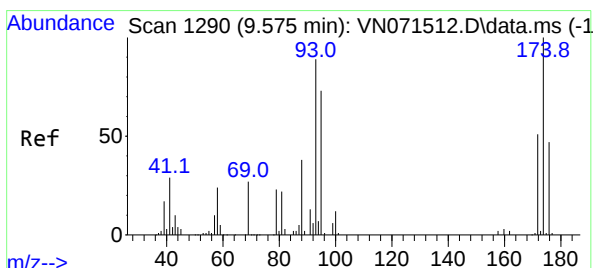
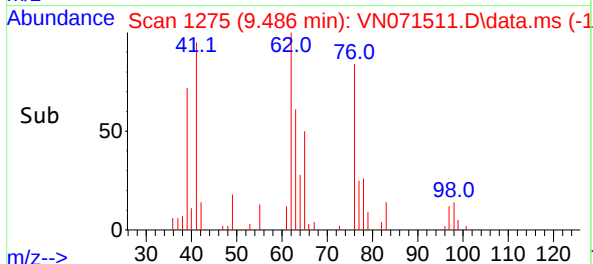
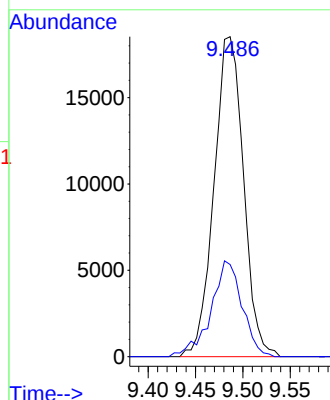
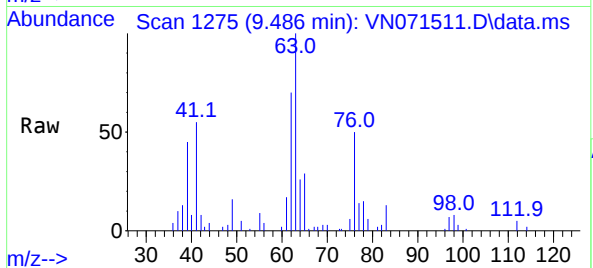
VSTDIC005

Tgt Ion: 63 Resp: 4011
Ion Ratio Lower Upper
63 100
65 28.8 24.2 36.4

Manual Integrations

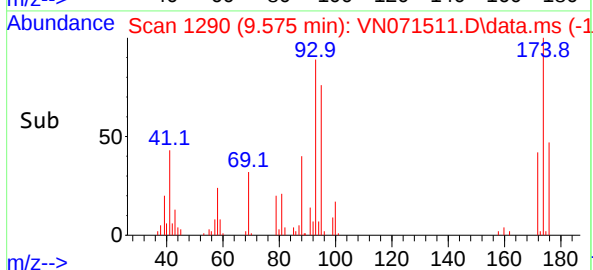
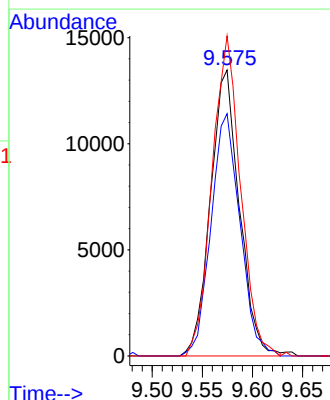
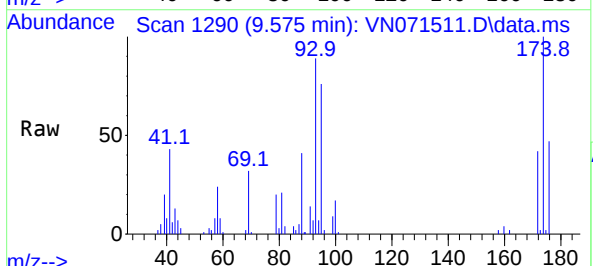
APPROVED

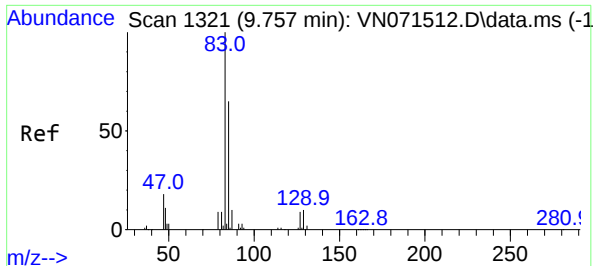
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#40
Dibromomethane
Concen: 5.171 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

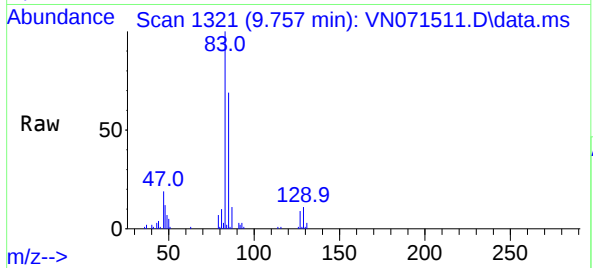
Tgt Ion: 93 Resp: 27078
Ion Ratio Lower Upper
93 100
95 85.0 0.0 168.8
174 110.2 0.0 173.6





#41
Bromodichloromethane
Concen: 4.990 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

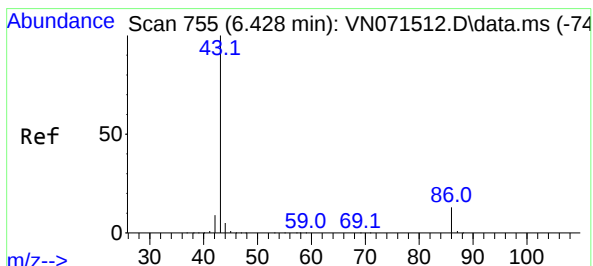
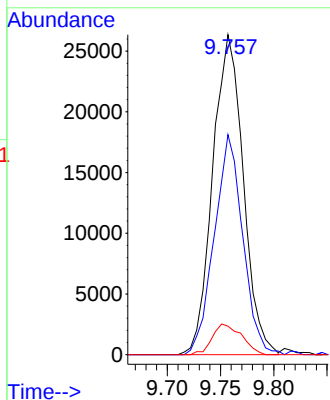
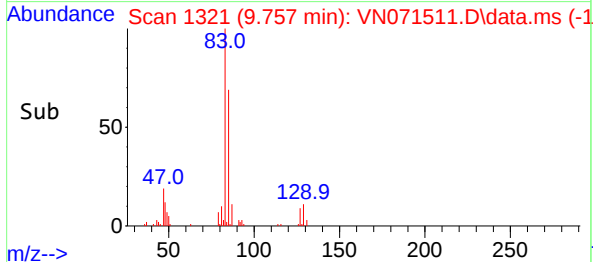
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 52529
Ion Ratio Lower Upper
83 100
85 68.8 54.1 81.1
127 8.9 7.6 11.4

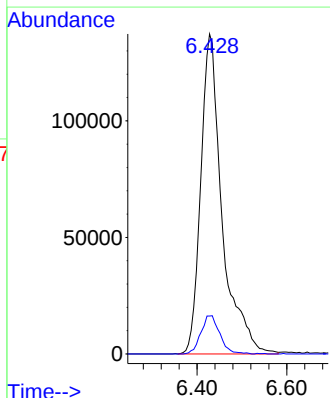
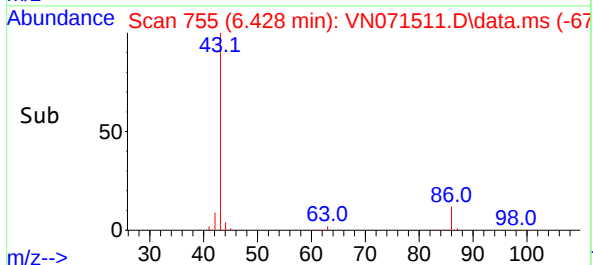
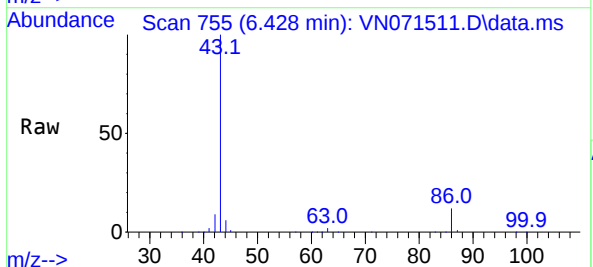
Manual Integrations
APPROVED

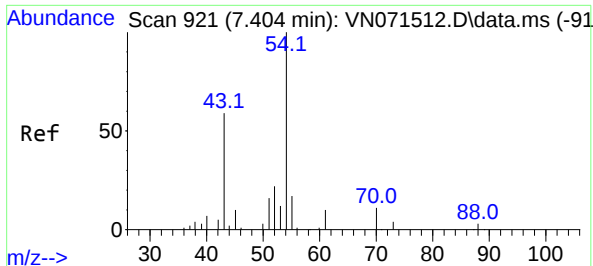
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#42
Vinyl Acetate
Concen: 20.254 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 43 Resp: 454134
Ion Ratio Lower Upper
43 100
86 10.6 7.5 11.3





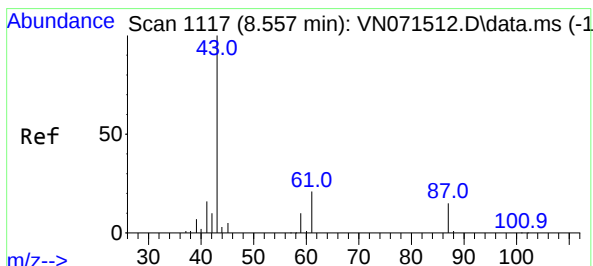
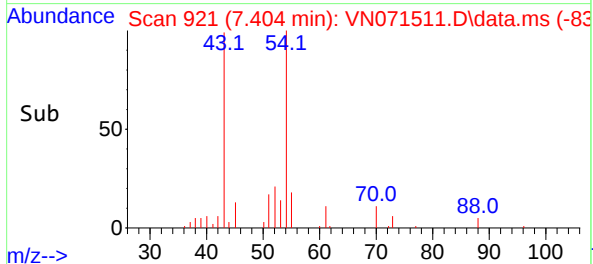
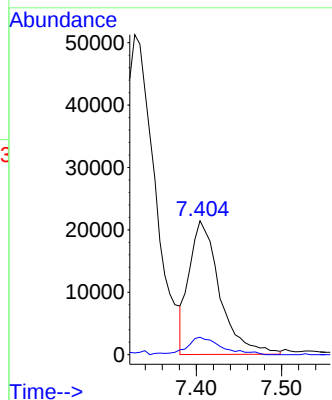
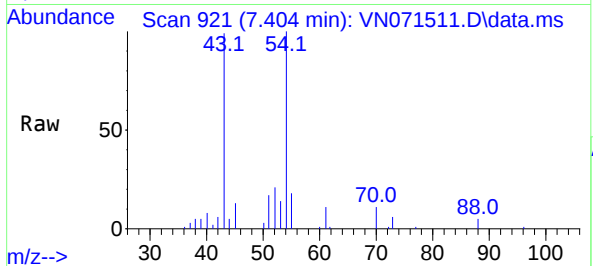
#43
Ethyl Acetate
Concen: 3.992 ug/l
RT: 7.404 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 53090
Ion Ratio Lower Upper
43 100
45 14.0 10.6 16.0

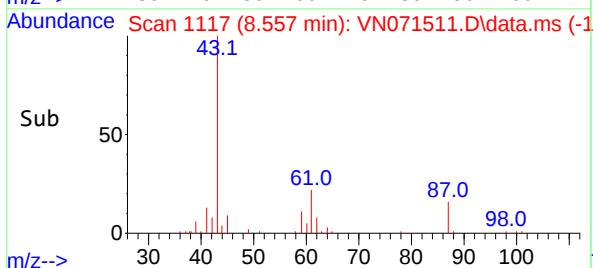
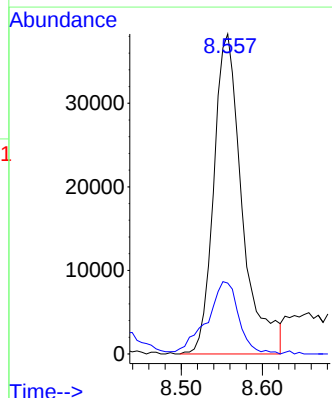
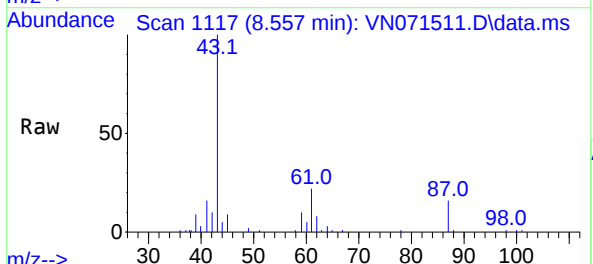
Manual Integrations
APPROVED

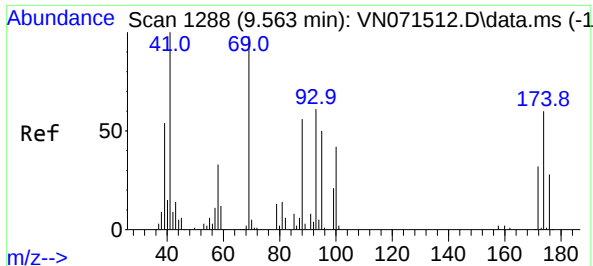
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#44
Isopropyl Acetate
Concen: 4.372 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

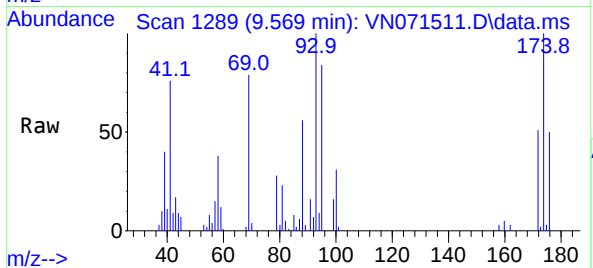
Tgt Ion: 43 Resp: 93090
Ion Ratio Lower Upper
43 100
61 25.5 20.1 30.1





#45
1,4-Dioxane
Concen: 84.294 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

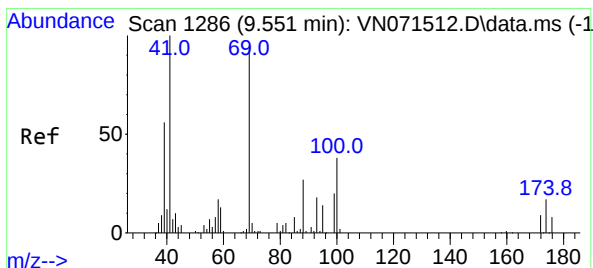
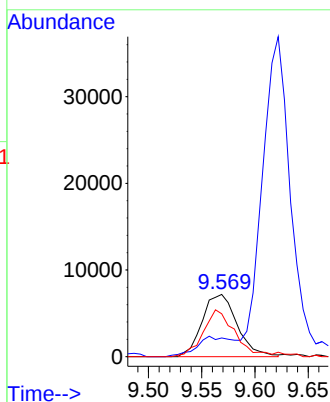
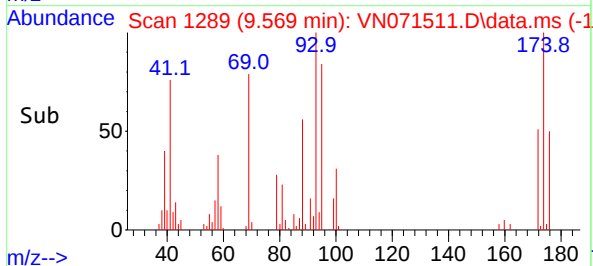
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



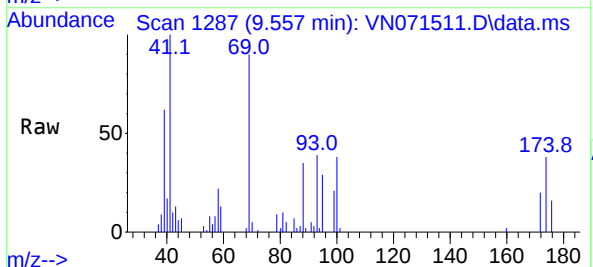
Tgt Ion: 88 Resp: 16379
Ion Ratio Lower Upper
88 100
43 19.0 25.0 37.6
58 65.1 49.4 74.2

Manual Integrations
APPROVED

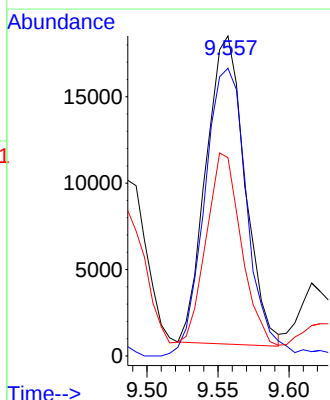
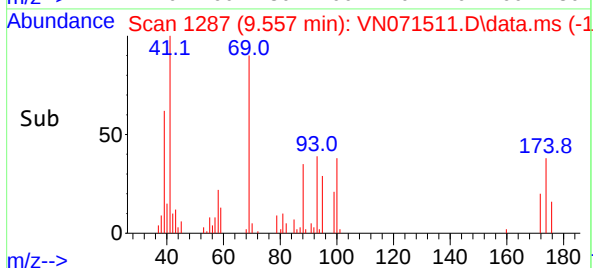
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

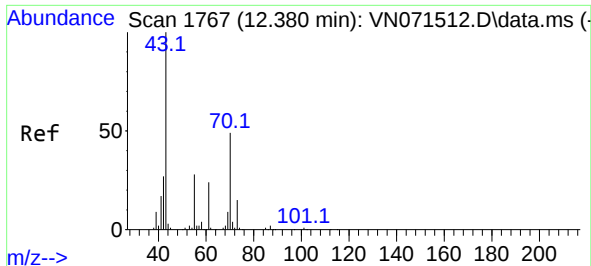


#46
Methyl methacrylate
Concen: 3.595 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



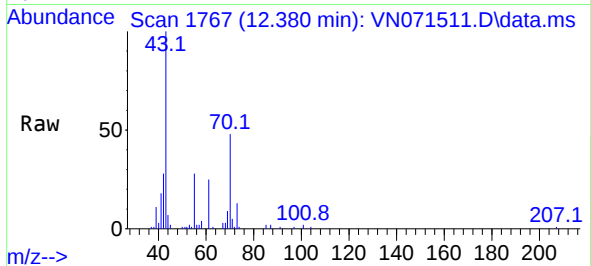
Tgt Ion: 41 Resp: 33961
Ion Ratio Lower Upper
41 100
69 91.1 44.4 133.2
39 61.2 39.9 119.6





#47
n-amy1 Acetate
Concen: 3.327 ug/l m
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

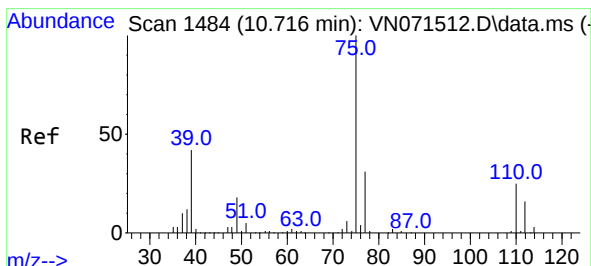
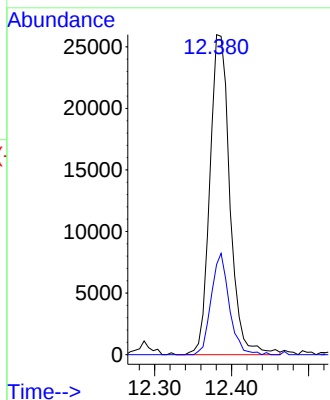
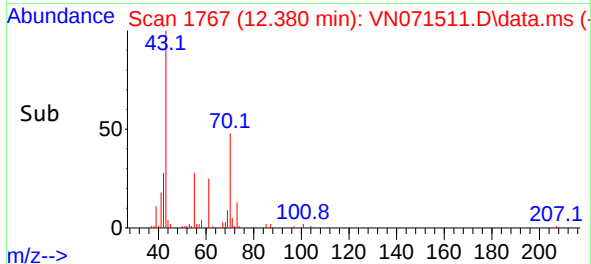
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



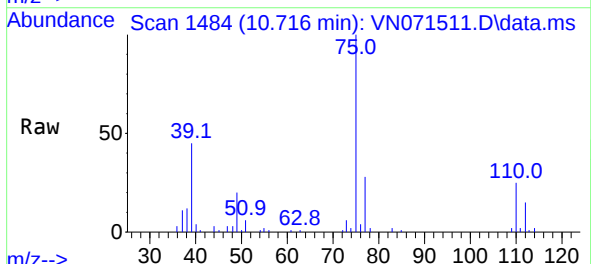
Tgt Ion: 43 Resp: 46920
Ion Ratio Lower Upper
43 100
55 0.1 19.0 28.6

Manual Integrations
APPROVED

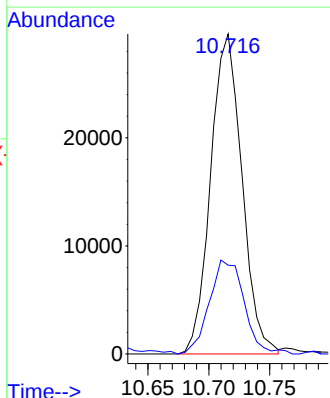
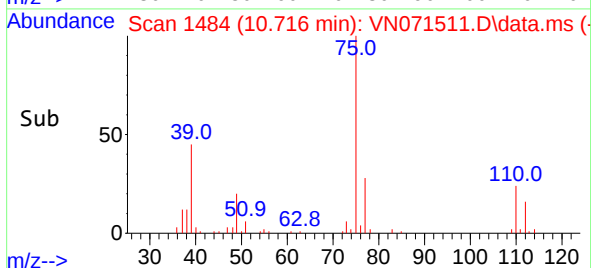
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

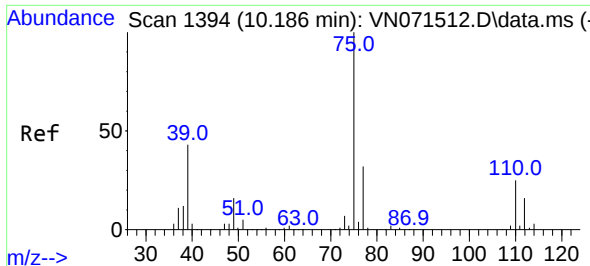


#48
t-1,3-Dichloropropene
Concen: 4.626 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion: 75 Resp: 52951
Ion Ratio Lower Upper
75 100
77 27.8 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 4.755 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. -0.000 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

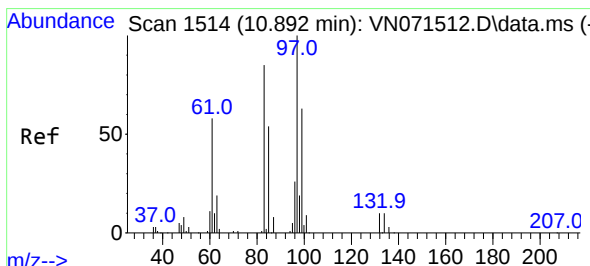
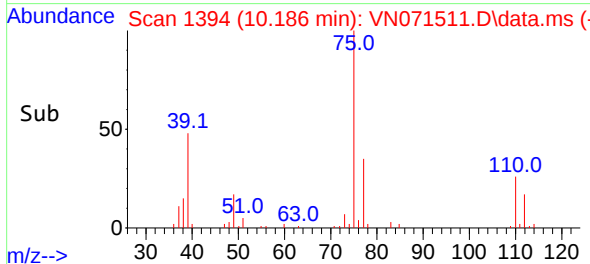
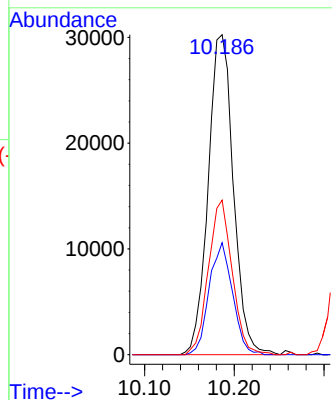
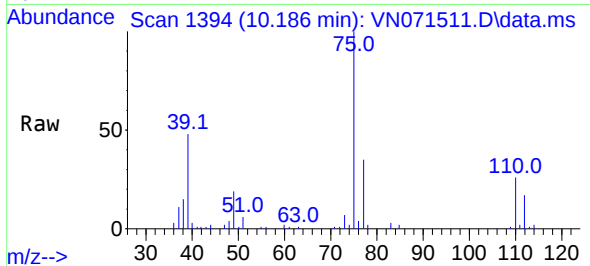
ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 5909
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.3 37.9
 39 48.3 46.2 69.4

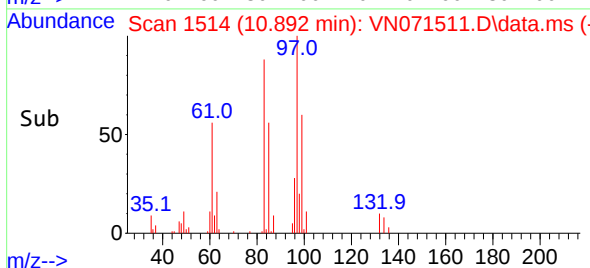
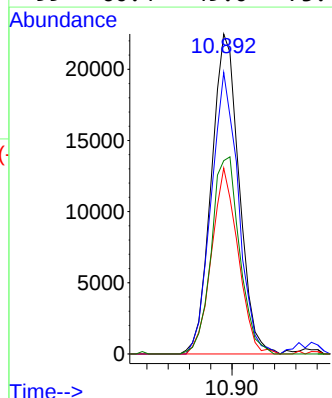
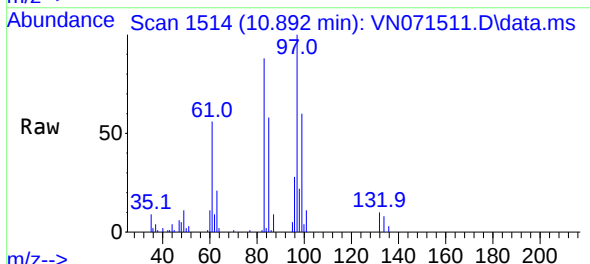
Manual Integrations
 APPROVED

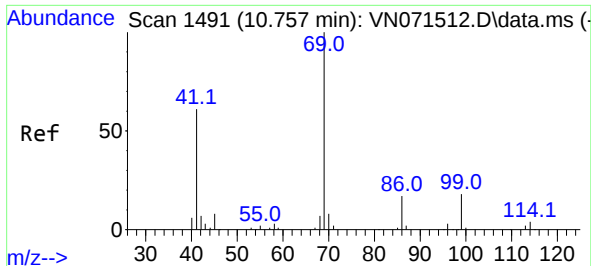
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#50
 1,1,2-Trichloroethane
 Concen: 5.277 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06

Tgt Ion: 97 Resp: 40574
 Ion Ratio Lower Upper
 97 100
 83 87.9 67.2 100.8
 85 58.1 43.0 64.4
 99 60.4 49.0 73.4





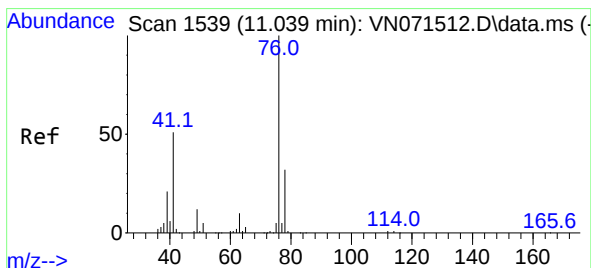
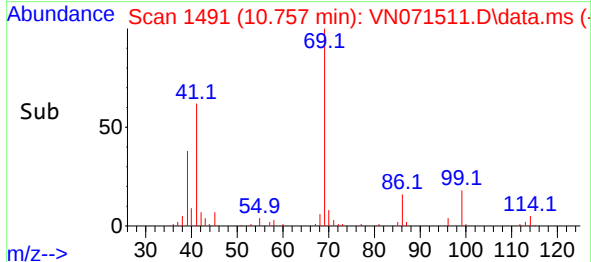
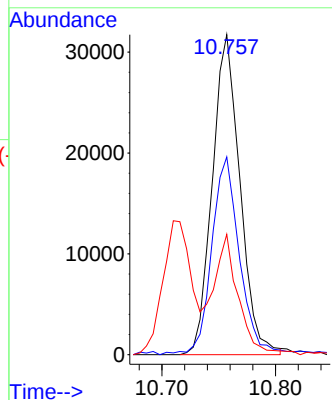
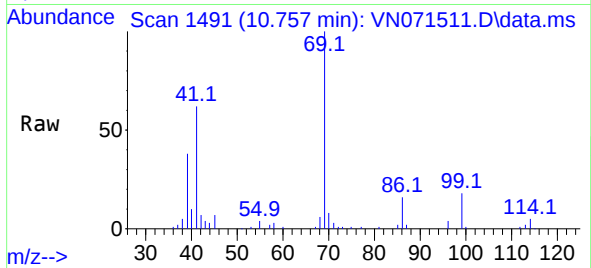
#51
Ethyl methacrylate
Concen: 4.169 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 53720
Ion Ratio Lower Upper
69 100
41 60.8 33.0 98.9
39 36.4 25.4 76.4

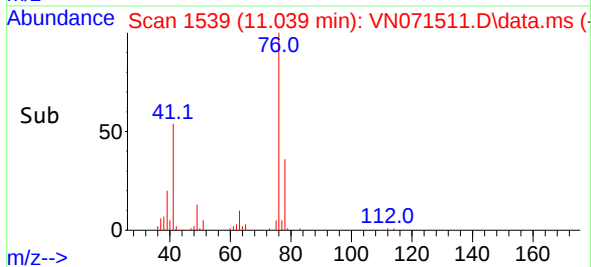
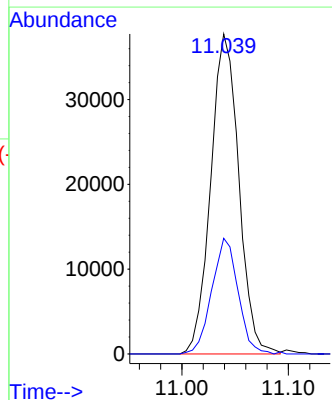
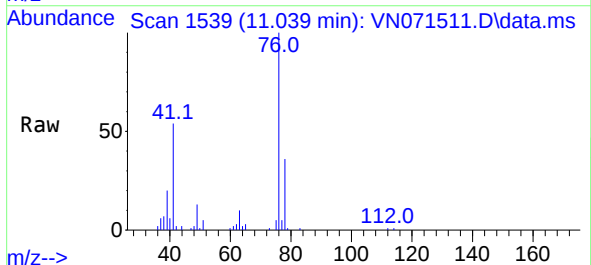
Manual Integrations
APPROVED

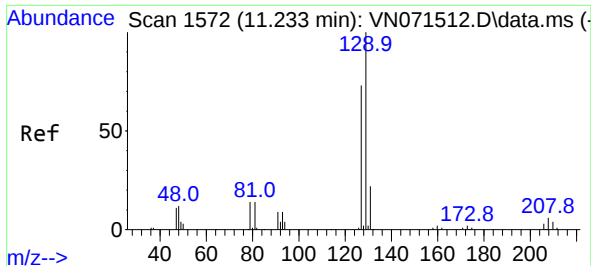
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
1,3-Dichloropropane
Concen: 5.050 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 76 Resp: 69154
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.4





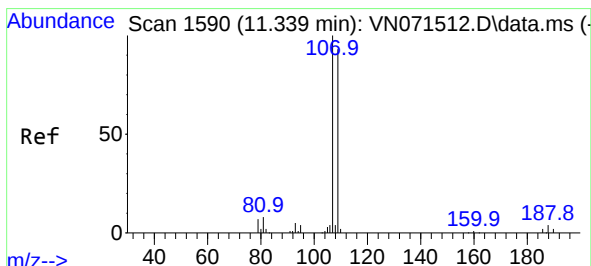
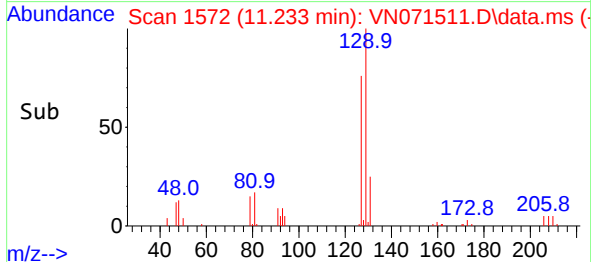
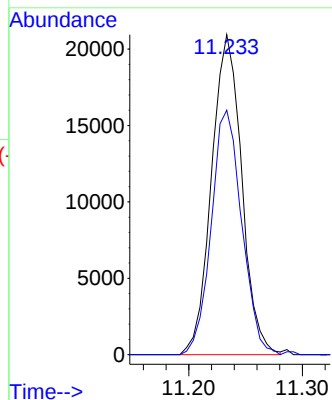
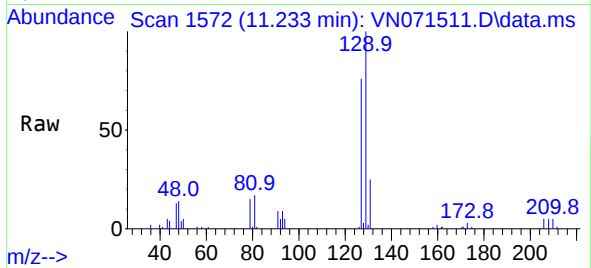
#53
Dibromochloromethane
Concen: 4.860 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 3871
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

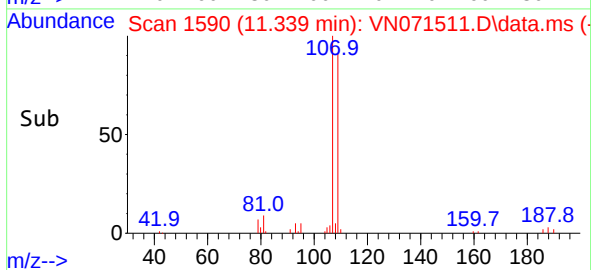
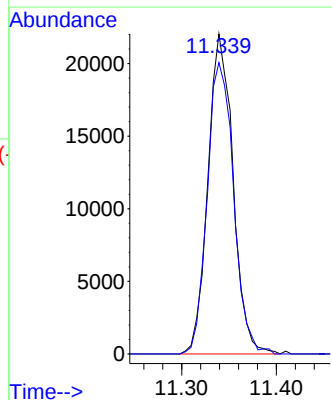
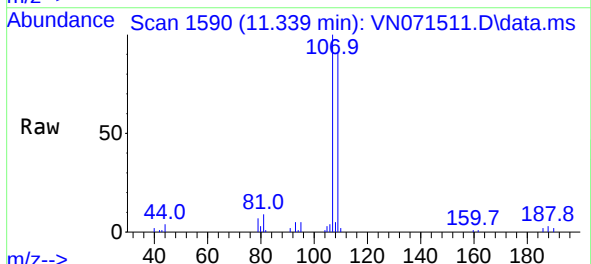
Manual Integrations
APPROVED

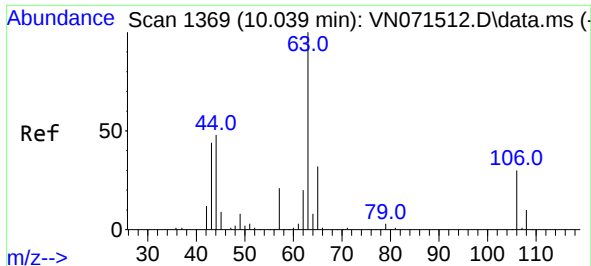
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#54
1,2-Dibromoethane
Concen: 5.110 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:107 Resp: 40560
Ion Ratio Lower Upper
107 100
109 94.9 72.8 109.2





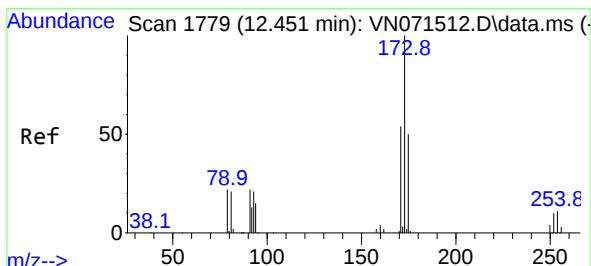
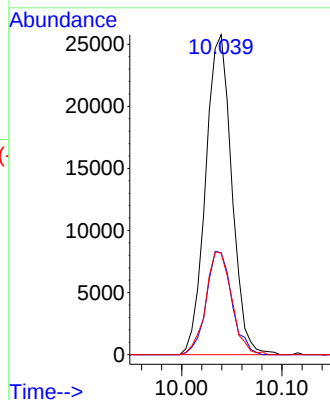
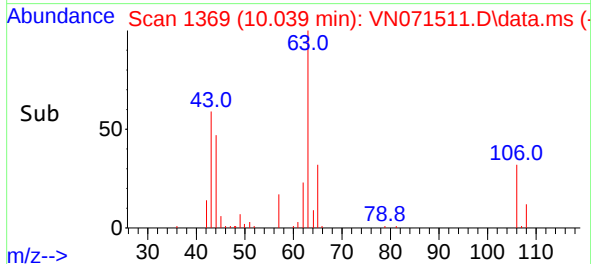
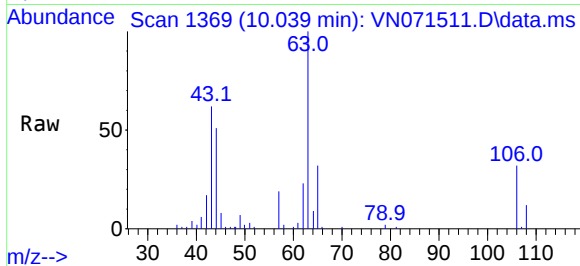
#55
2-Chloroethyl vinyl ether
Concen: 11.953 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 4668
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.0
106 31.6 23.2 34.8

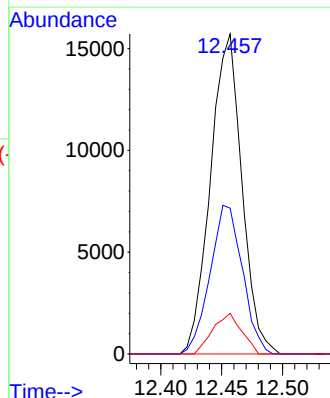
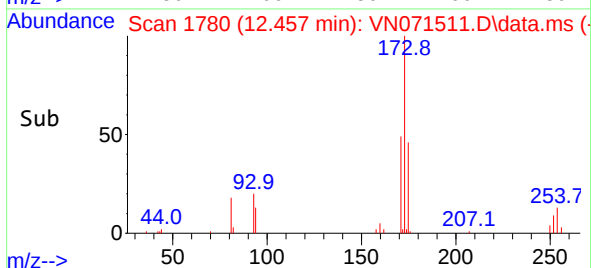
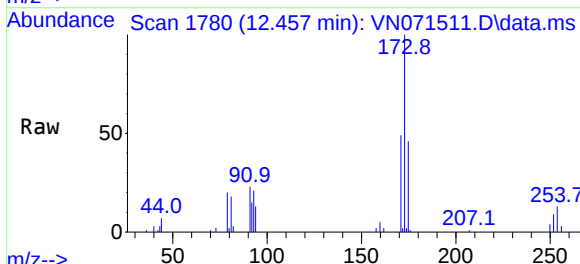
Manual Integrations
APPROVED

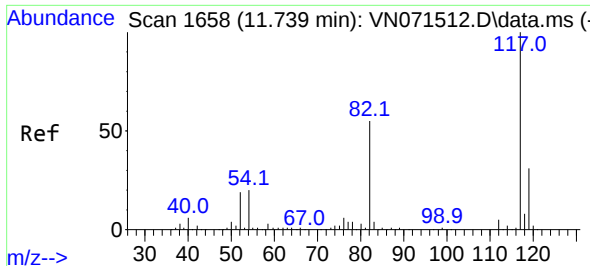
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#56
Bromoform
Concen: 4.578 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:173 Resp: 28229
Ion Ratio Lower Upper
173 100
175 47.9 38.6 58.0
254 11.6 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: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

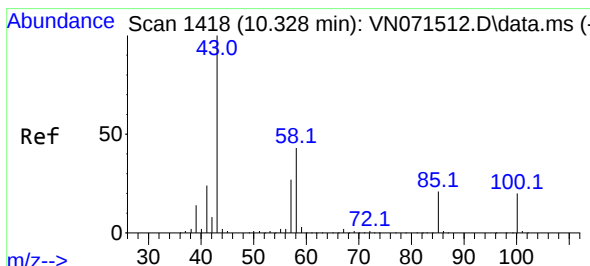
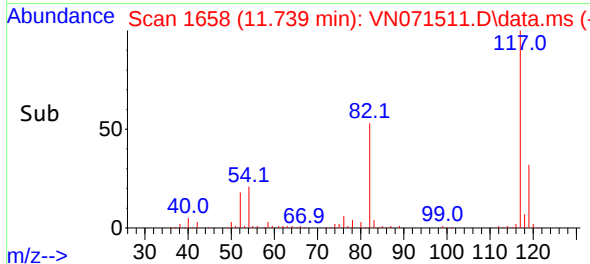
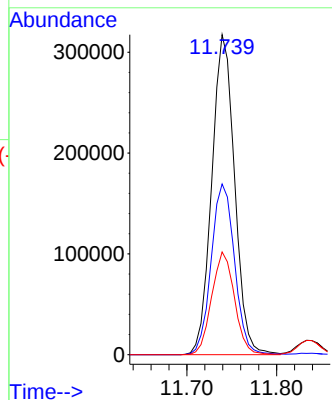
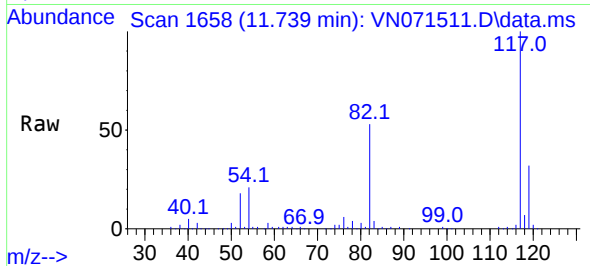
VSTDICC005

Tgt Ion:117 Resp: 56192
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.1 25.8 38.6

Manual Integrations

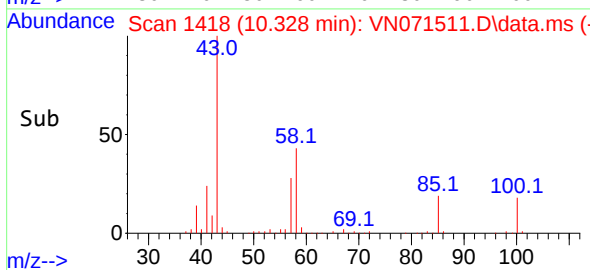
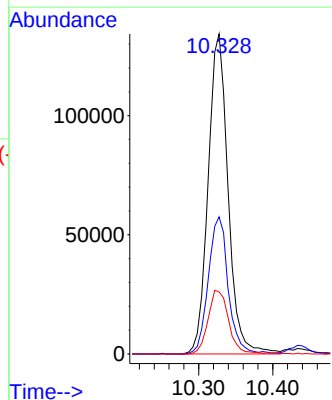
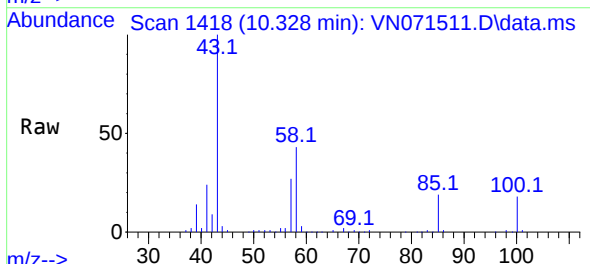
APPROVED

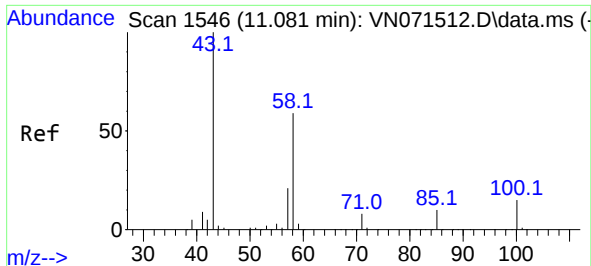
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#58
4-Methyl-2-Pentanone
Concen: 19.531 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 43 Resp: 251226
Ion Ratio Lower Upper
43 100
58 42.5 30.0 45.0
85 20.4 15.0 22.6





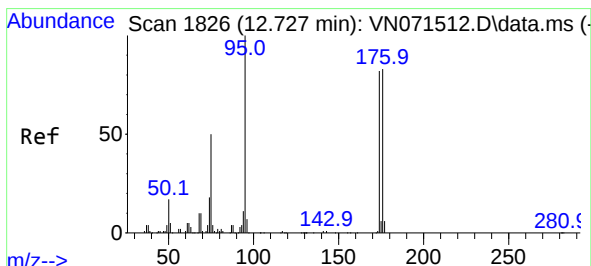
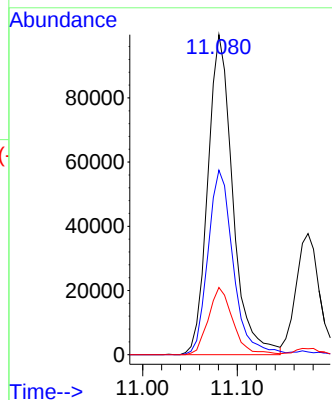
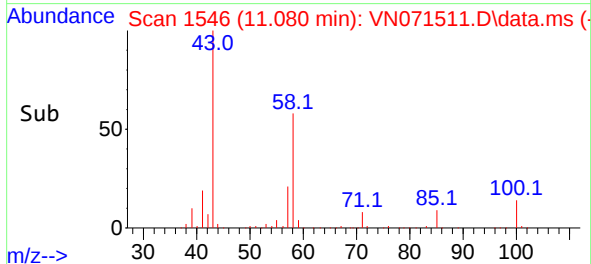
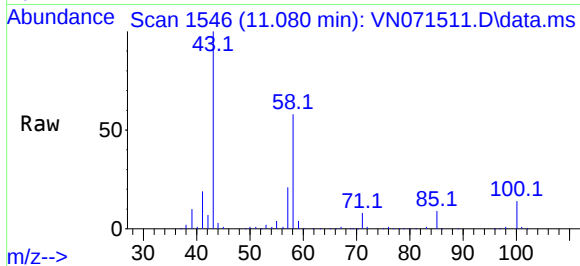
#59
2-Hexanone
Concen: 19.117 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 18262
Ion Ratio Lower Upper
43 100
58 58.2 42.2 63.2
57 20.2 15.0 22.4

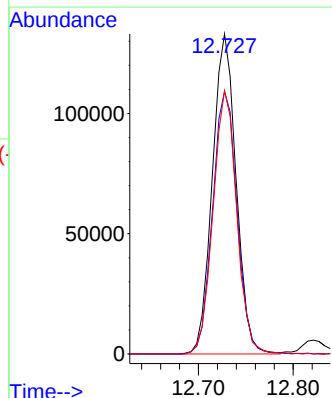
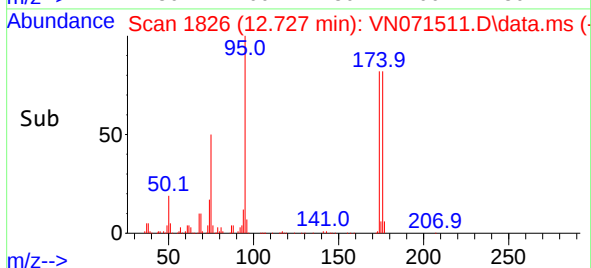
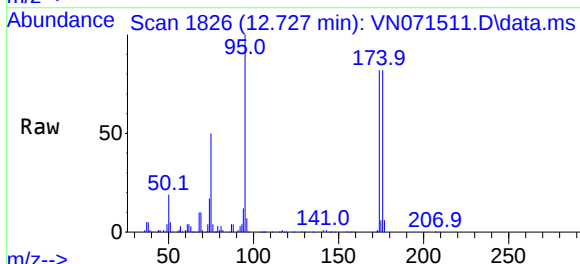
Manual Integrations
APPROVED

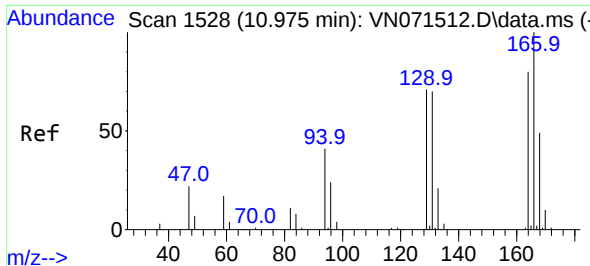
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#60
4-Bromofluorobenzene
Concen: 26.832 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

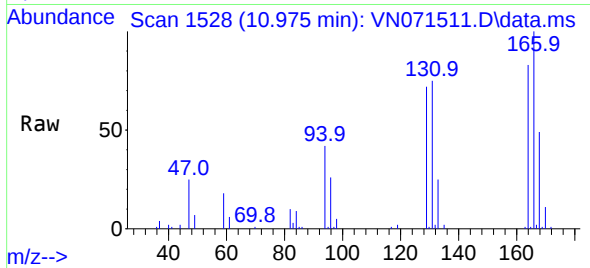
Tgt Ion: 95 Resp: 231302
Ion Ratio Lower Upper
95 100
174 84.5 62.9 94.3
176 81.9 61.0 91.4





#61
Tetrachloroethene
Concen: 5.728 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

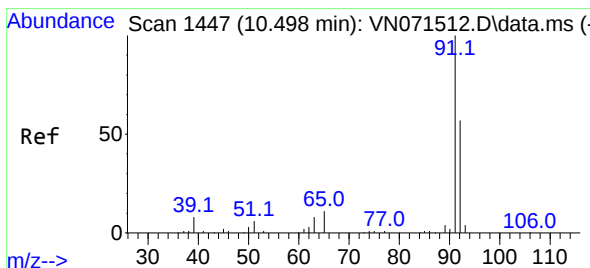
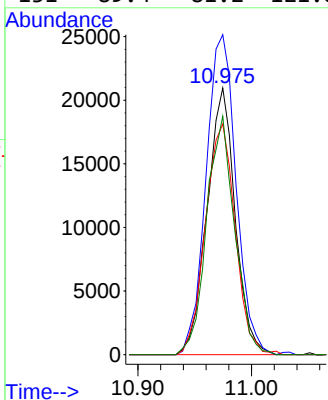
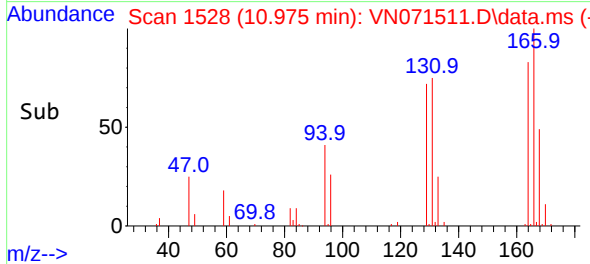
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



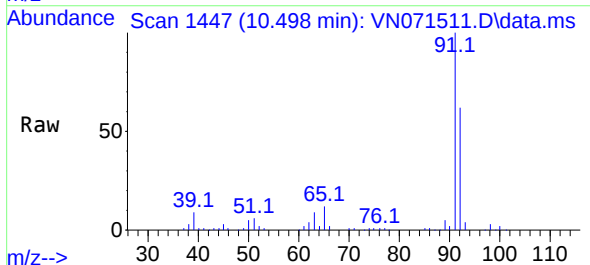
Tgt Ion:164 Resp: 3606
Ion Ratio Lower Upper
164 100
166 120.0 105.8 158.8
129 86.5 82.5 123.7
131 89.4 81.2 121.8

Manual Integrations
APPROVED

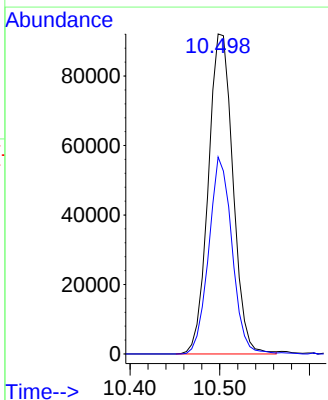
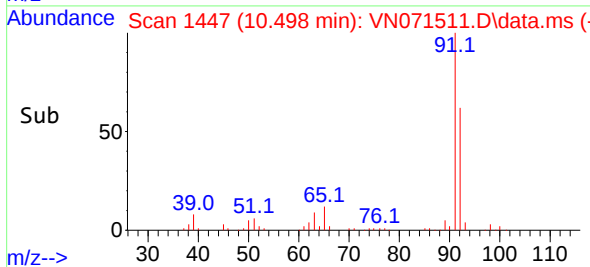
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

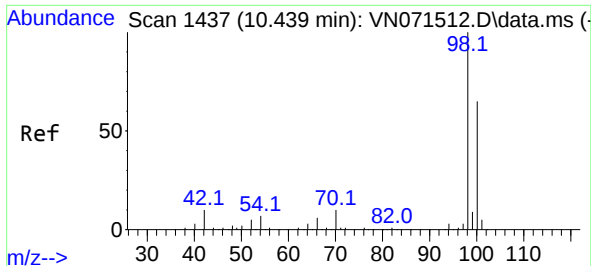


#62
Toluene
Concen: 5.413 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion: 91 Resp: 175598
Ion Ratio Lower Upper
91 100
92 58.1 44.6 67.0





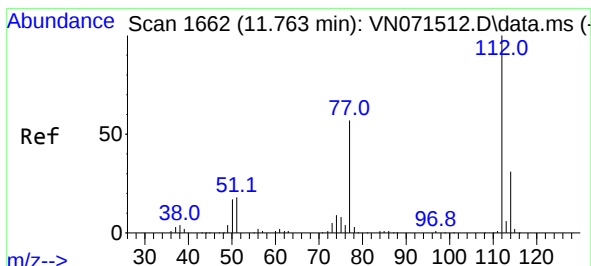
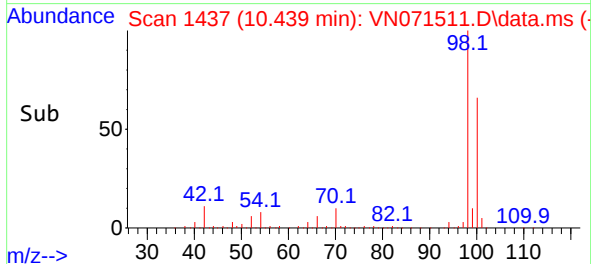
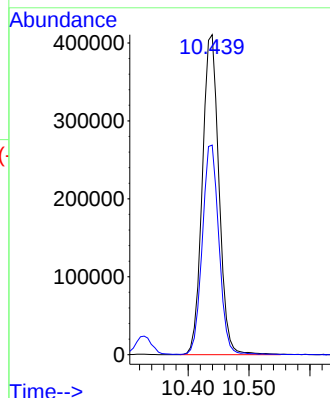
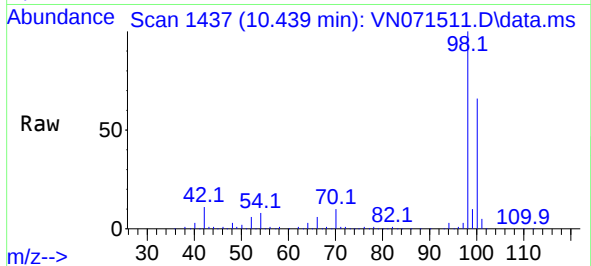
#63
Toluene-d8
Concen: 30.160 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 98 Resp: 779820
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

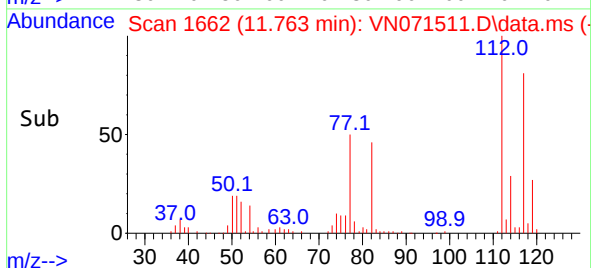
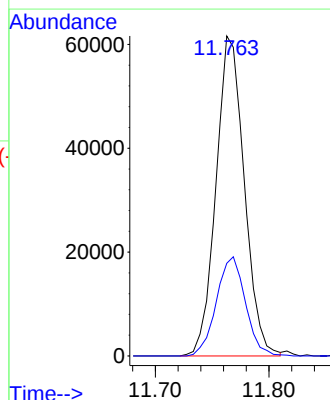
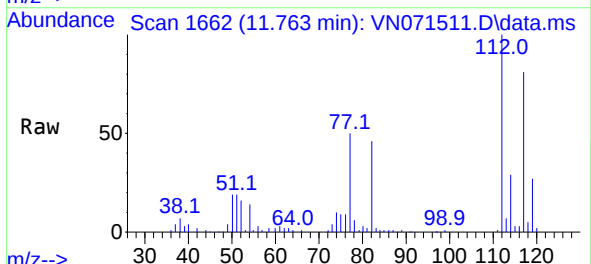
Manual Integrations
APPROVED

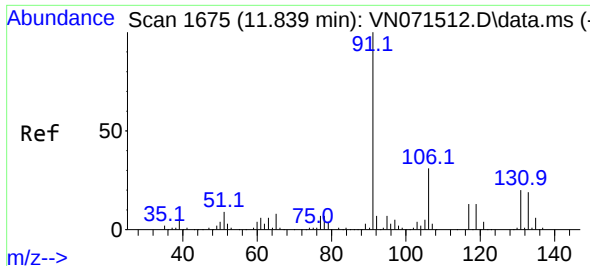
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#64
Chlorobenzene
Concen: 5.407 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:112 Resp: 106614
Ion Ratio Lower Upper
112 100
114 29.0 25.8 38.6





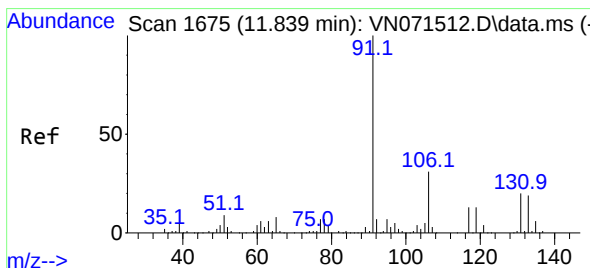
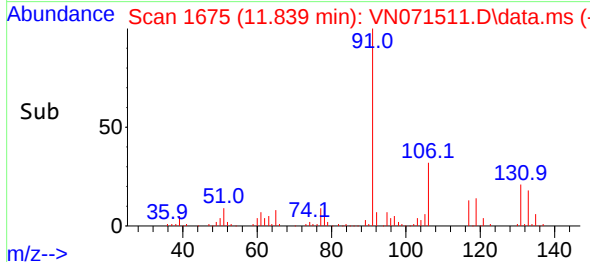
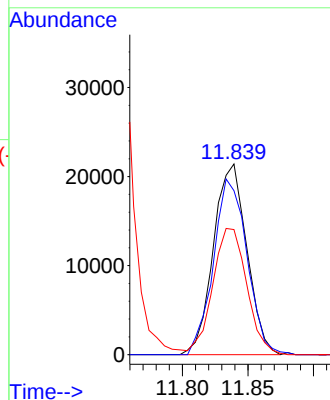
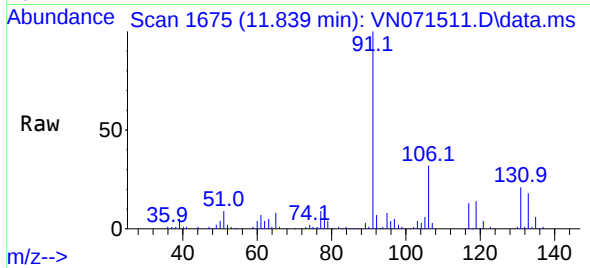
#65
1,1,1,2-Tetrachloroethane
Concen: 5.189 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 3795
Ion Ratio Lower Upper
131 100
133 92.7 0.0 191.2
119 67.5 0.0 128.8

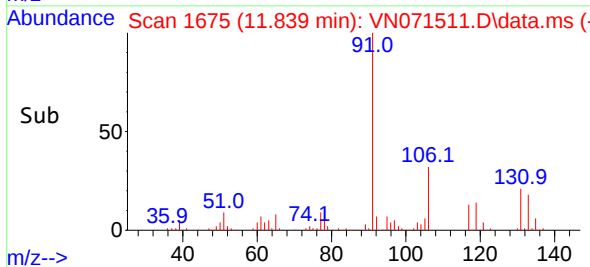
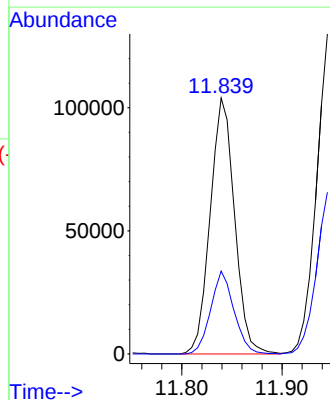
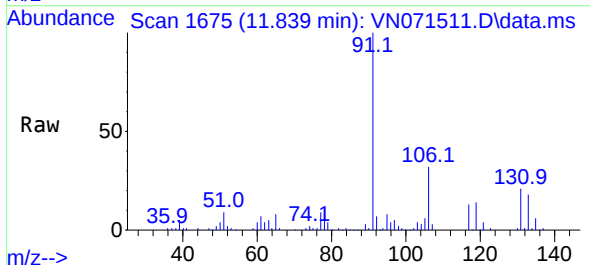
Manual Integrations
APPROVED

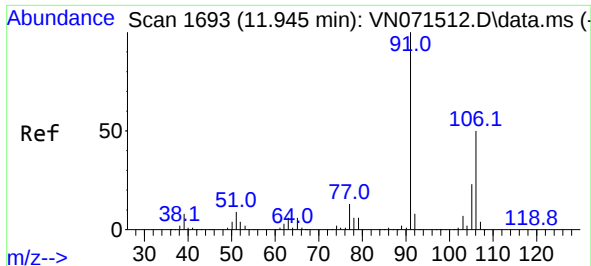
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Ethyl Benzene
Concen: 4.933 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 91 Resp: 175433
Ion Ratio Lower Upper
91 100
106 32.4 24.0 36.0





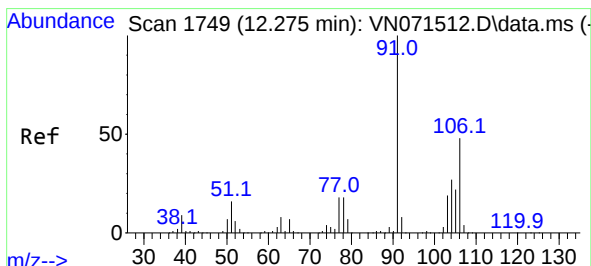
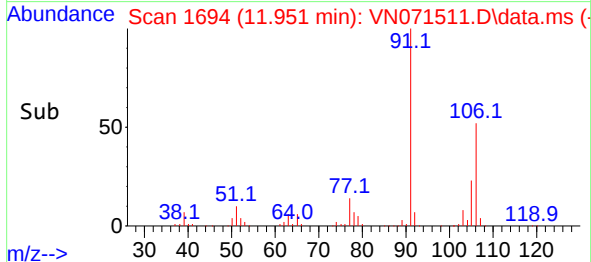
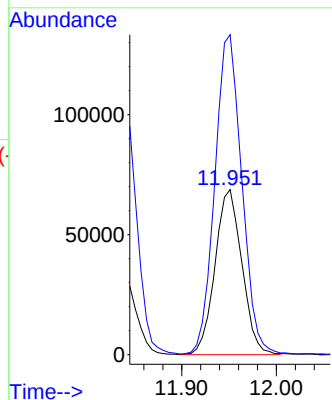
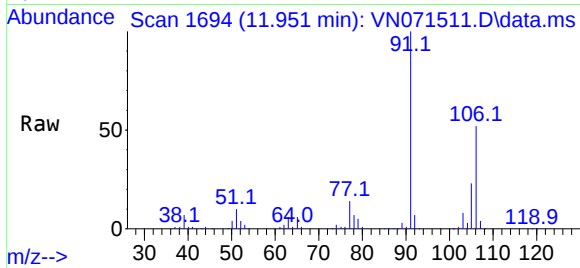
#67
m/p-Xylenes
Concen: 10.042 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 13579
Ion Ratio Lower Upper
106 100
91 195.1 162.9 244.3

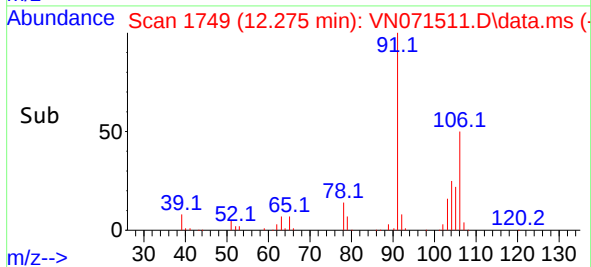
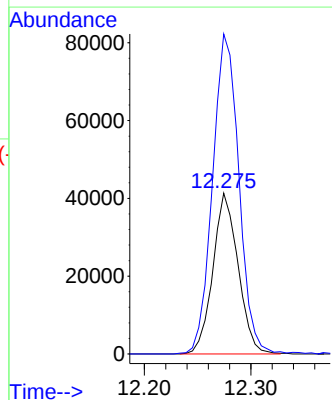
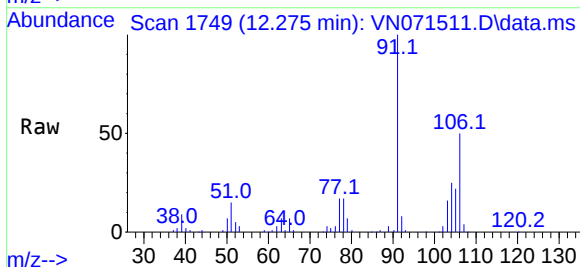
Manual Integrations
APPROVED

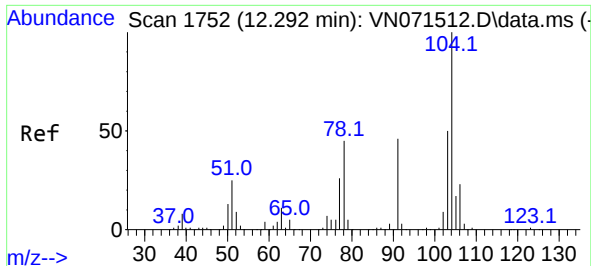
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#68
o-Xylene
Concen: 5.024 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:106 Resp: 67866
Ion Ratio Lower Upper
106 100
91 208.2 107.7 323.1





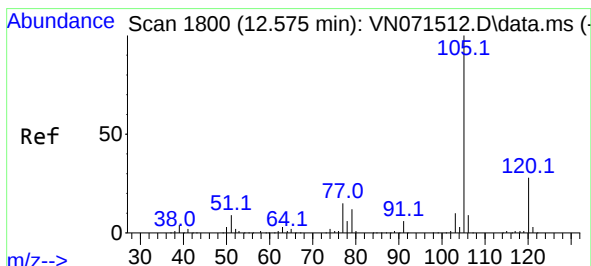
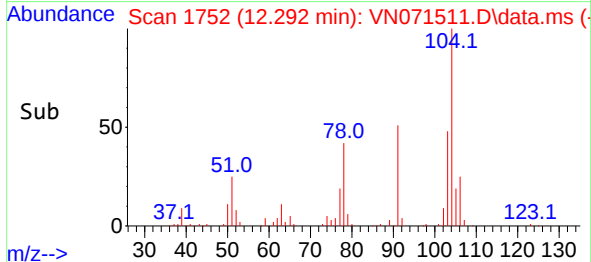
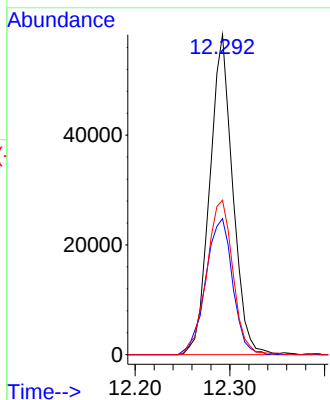
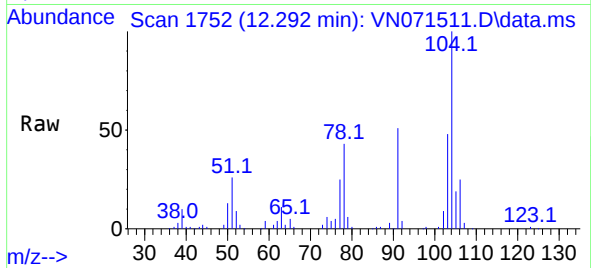
#69
Styrene
Concen: 4.611 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 9819
Ion Ratio Lower Upper
104 100
78 49.8 40.7 61.1
103 55.1 45.8 68.8

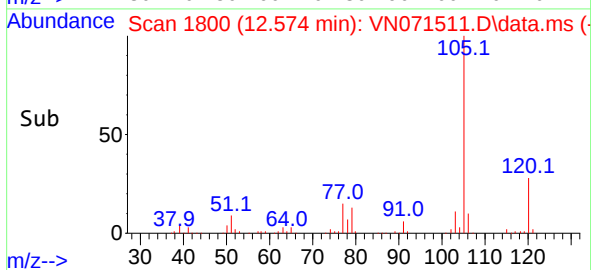
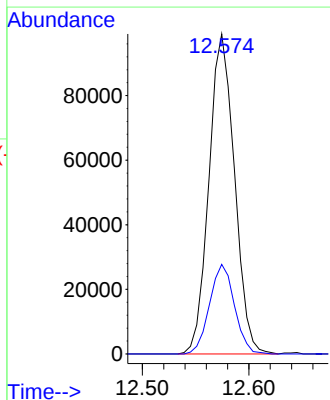
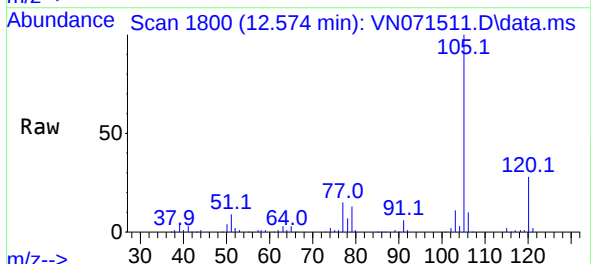
Manual Integrations
APPROVED

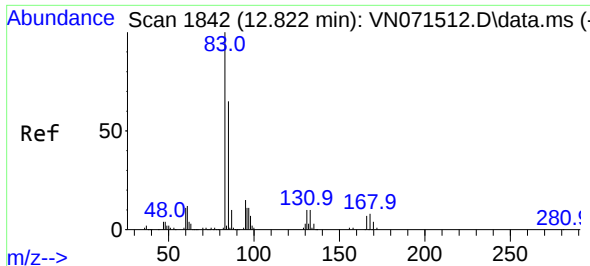
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#70
Isopropylbenzene
Concen: 4.821 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:105 Resp: 165061
Ion Ratio Lower Upper
105 100
120 27.2 18.3 34.1





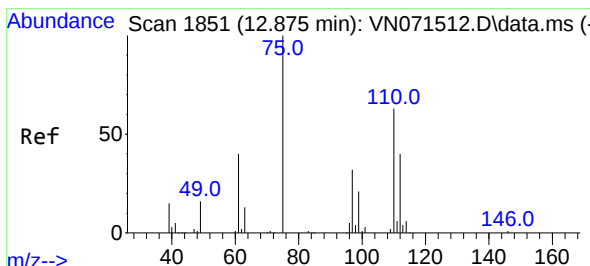
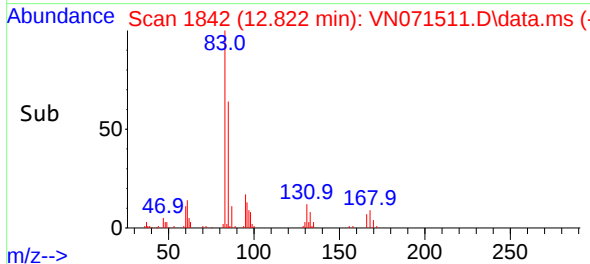
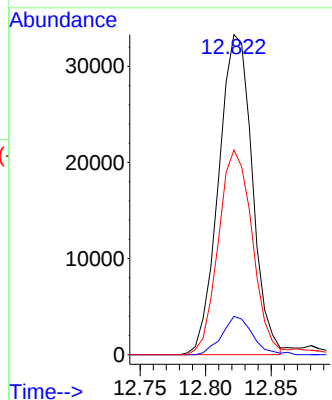
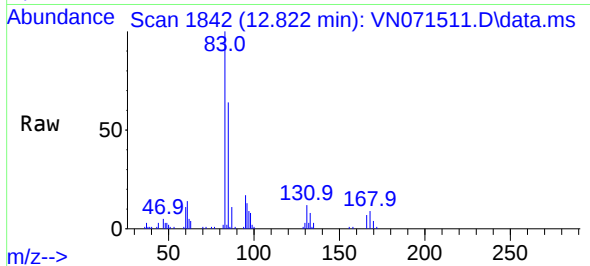
#71
1,1,2,2-Tetrachloroethane
Concen: 5.066 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 5942
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 64.6 33.1 99.2

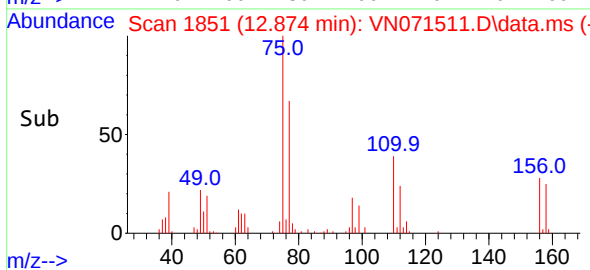
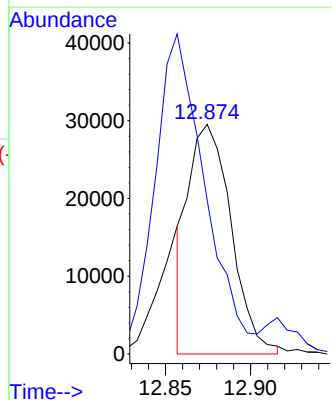
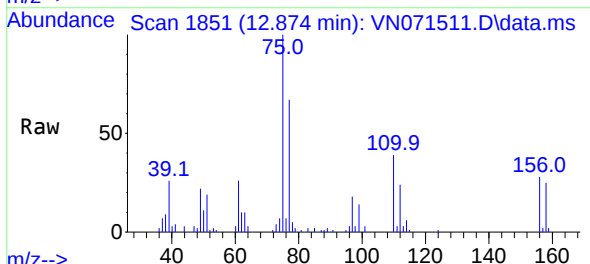
Manual Integrations
APPROVED

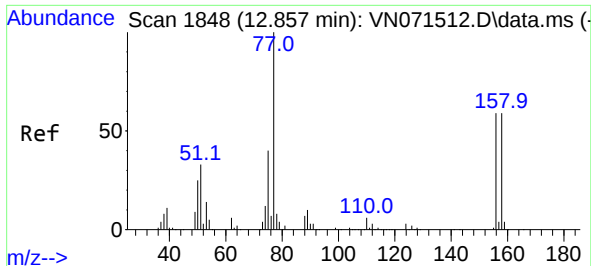
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#72
1,2,3-Trichloropropane
Concen: 4.778 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

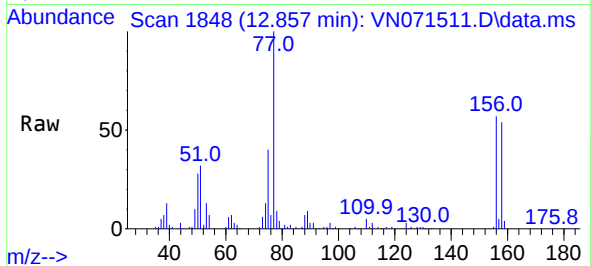
Tgt Ion: 75 Resp: 51495
Ion Ratio Lower Upper
75 100
77 164.7 0.0 378.0





#73
Bromobenzene
Concen: 5.260 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

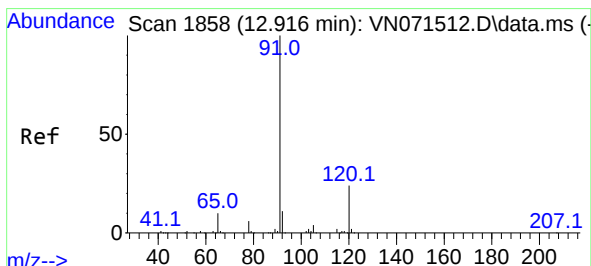
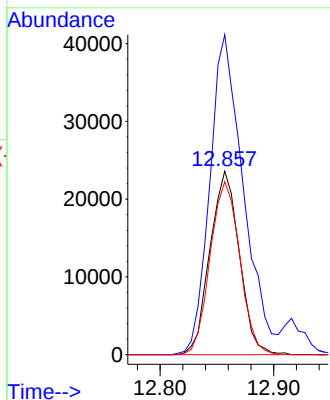
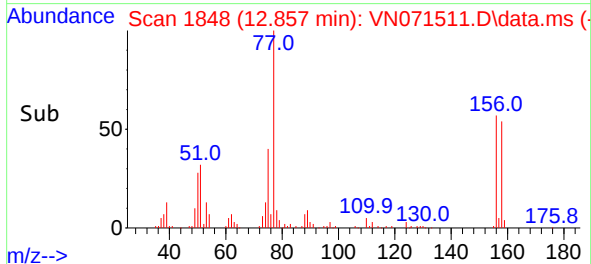
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



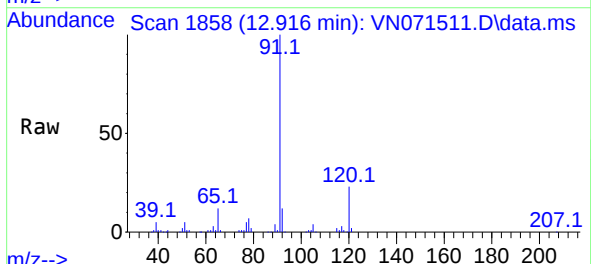
Tgt Ion:156 Resp: 4239
Ion Ratio Lower Upper
156 100
77 200.1 0.0 416.0
158 95.1 0.0 195.4

Manual Integrations
APPROVED

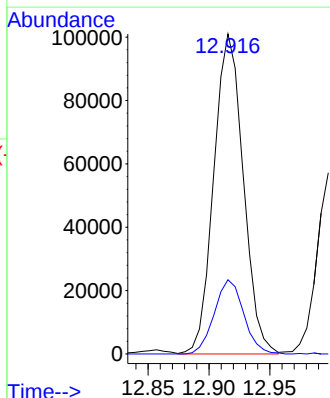
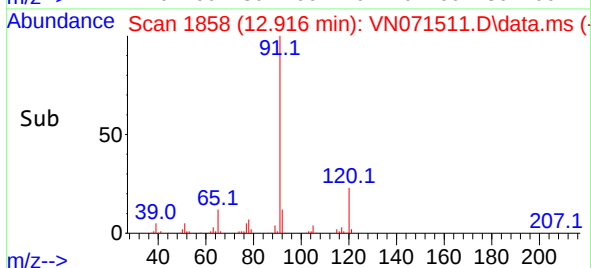
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

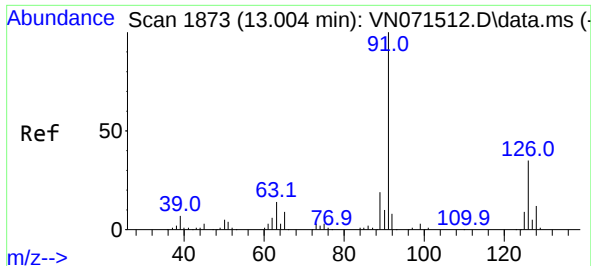


#74
n-propylbenzene
Concen: 4.531 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion: 91 Resp: 170199
Ion Ratio Lower Upper
91 100
120 23.1 0.0 45.0





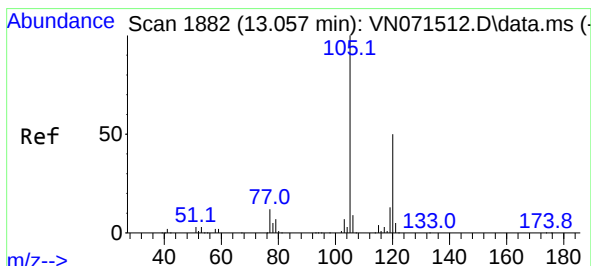
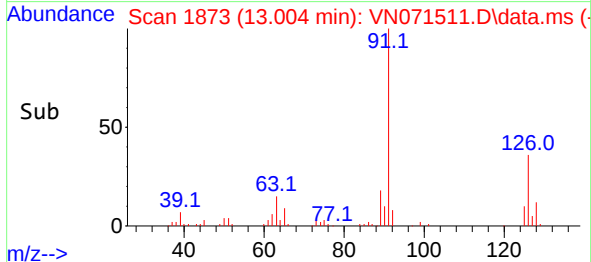
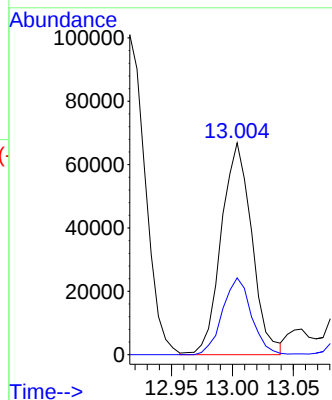
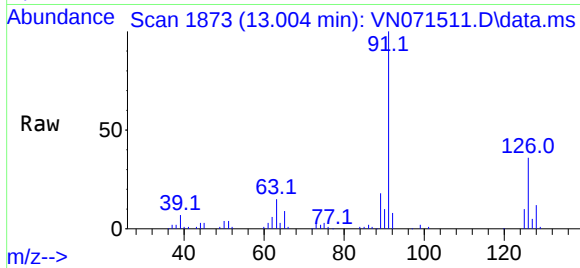
#75
2-Chlorotoluene
Concen: 4.953 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 116820
Ion Ratio Lower Upper
91 100
126 34.2 0.0 69.8

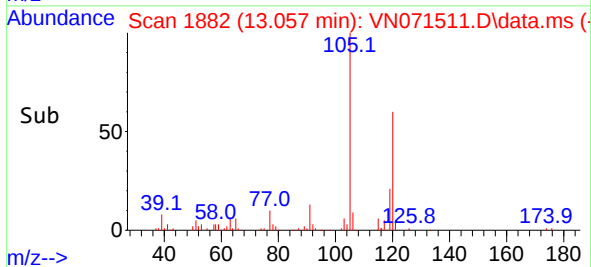
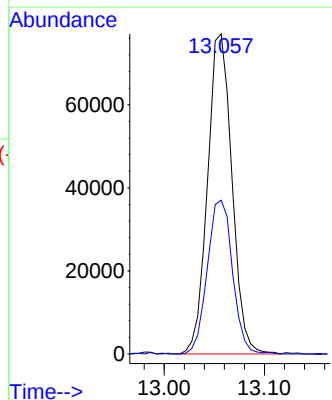
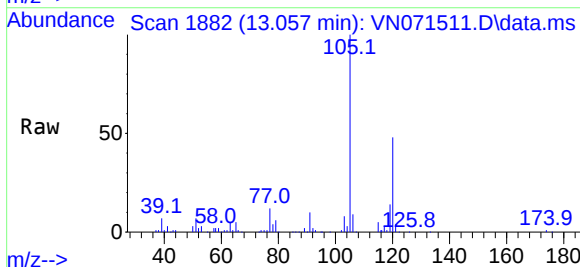
Manual Integrations
APPROVED

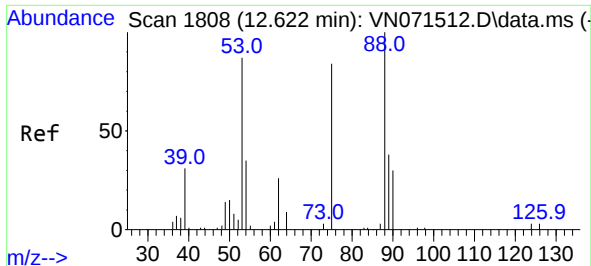
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#76
1,3,5-Trimethylbenzene
Concen: 4.793 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:105 Resp: 130633
Ion Ratio Lower Upper
105 100
120 49.5 0.0 93.8





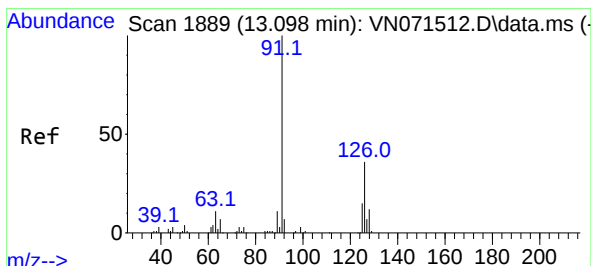
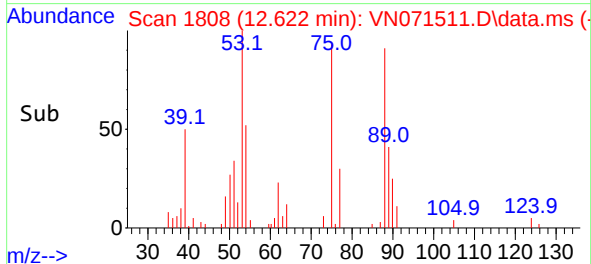
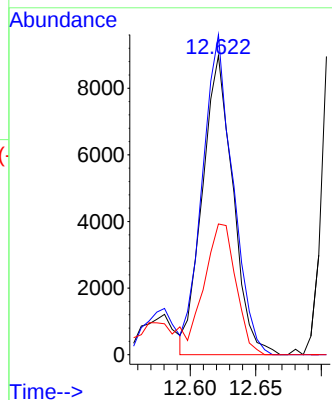
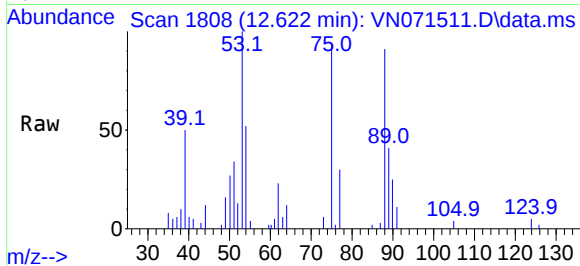
#77
t-1,4-Dichloro-2-butene
Concen: 4.148 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 14520
Ion Ratio Lower Upper
75 100
53 107.0 51.8 155.5
89 43.7 22.9 68.7

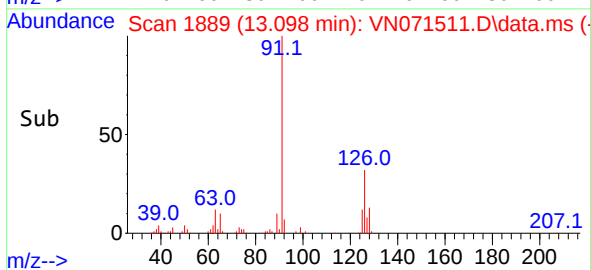
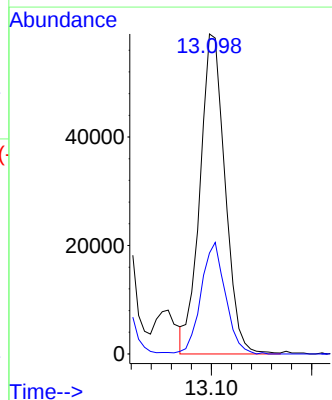
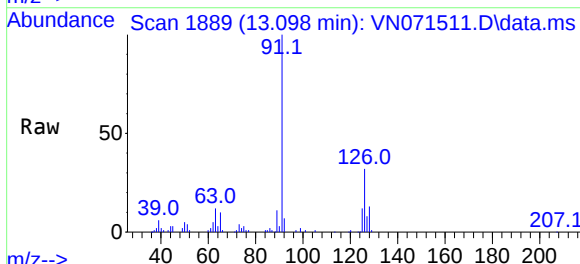
Manual Integrations
APPROVED

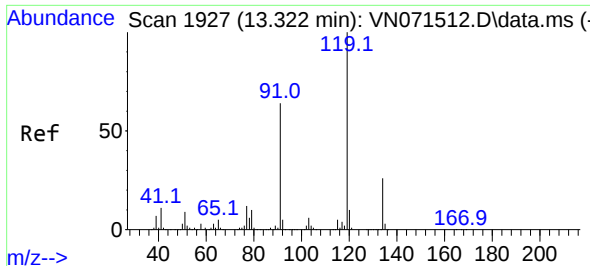
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#78
4-Chlorotoluene
Concen: 4.691 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion: 91 Resp: 102692
Ion Ratio Lower Upper
91 100
126 33.8 0.0 70.6





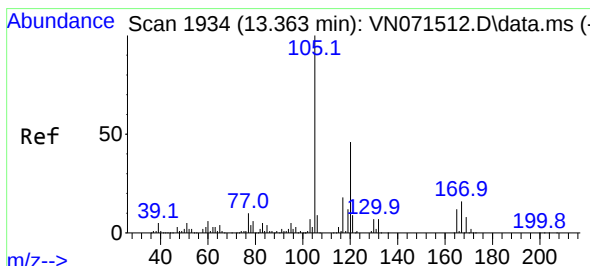
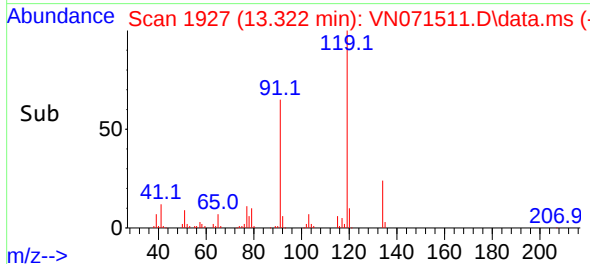
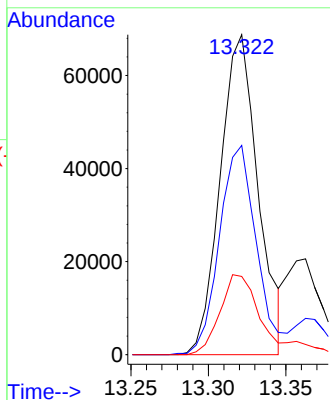
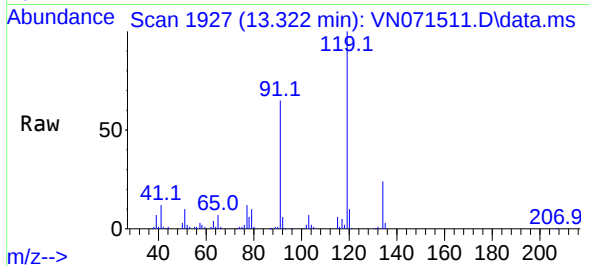
#79
tert-butylbenzene
Concen: 4.727 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 117194
Ion Ratio Lower Upper
119 100
91 64.4 0.0 137.0
134 25.0 0.0 47.6

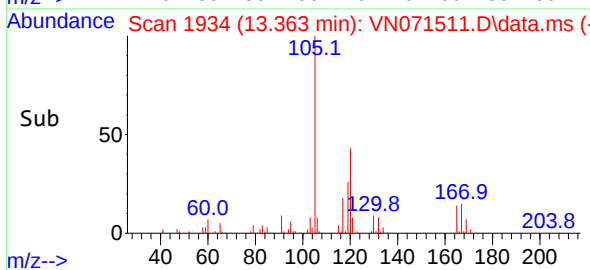
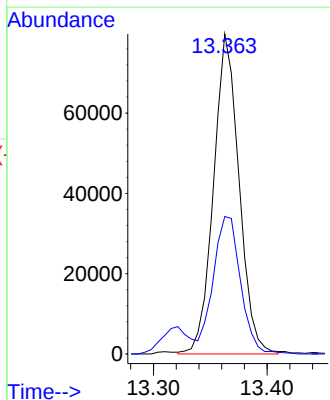
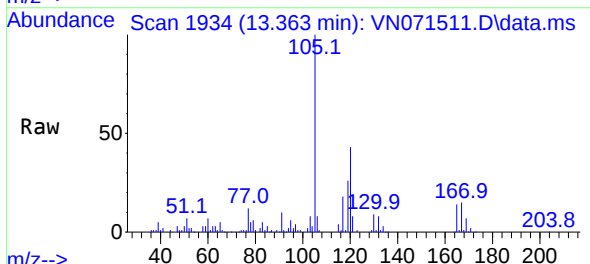
Manual Integrations
APPROVED

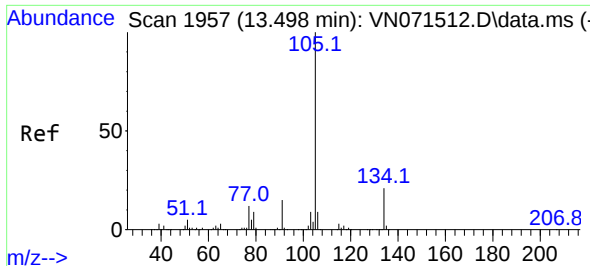
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.731 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:105 Resp: 124252
Ion Ratio Lower Upper
105 100
120 45.9 0.0 0.2#





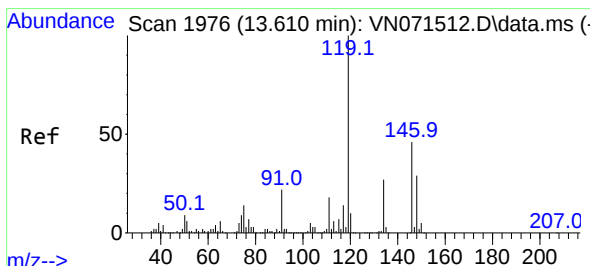
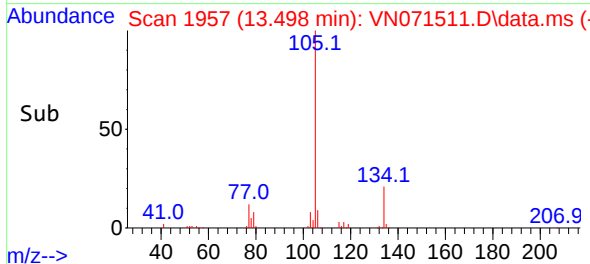
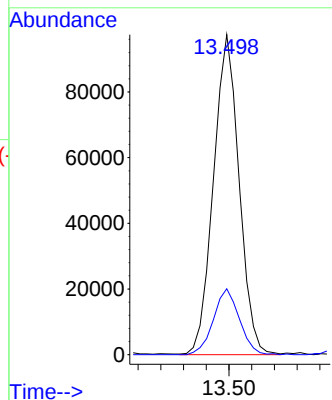
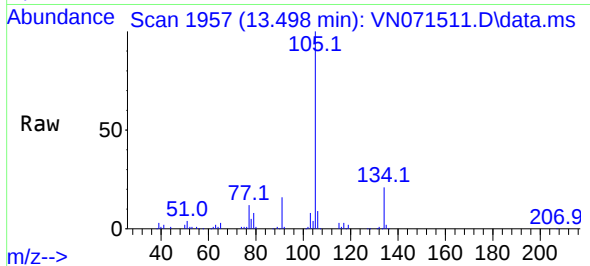
#81
 sec-Butylbenzene
 Concen: 4.616 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 15284
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 39.4

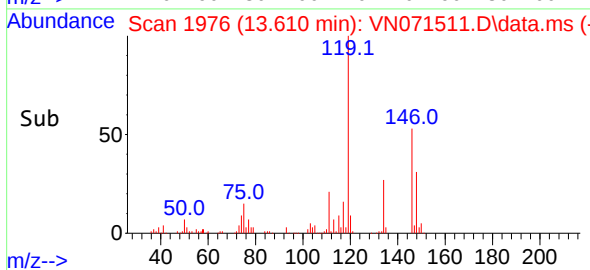
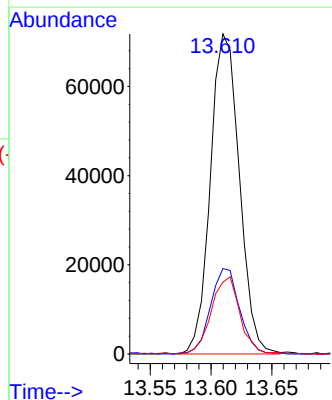
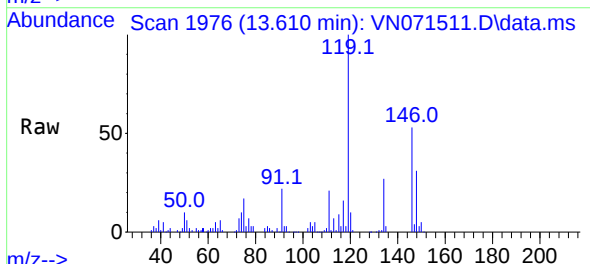
Manual Integrations
 APPROVED

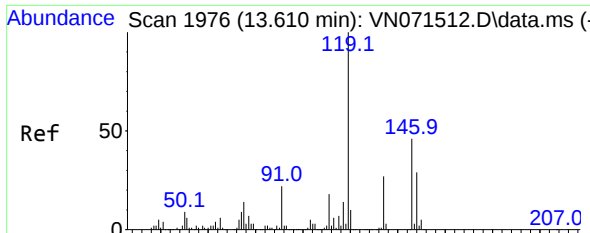
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#82
 p-Isopropyltoluene
 Concen: 4.474 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06

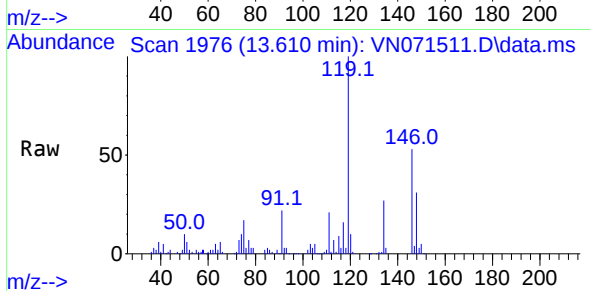
Tgt Ion:119 Resp: 118916
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.8
 91 23.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 4.935 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

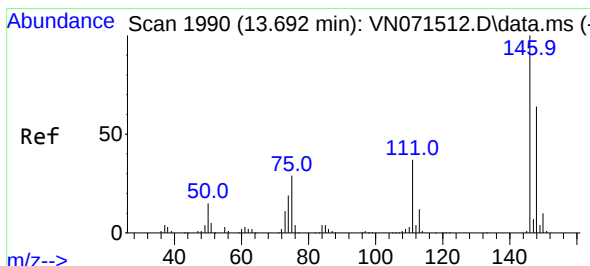
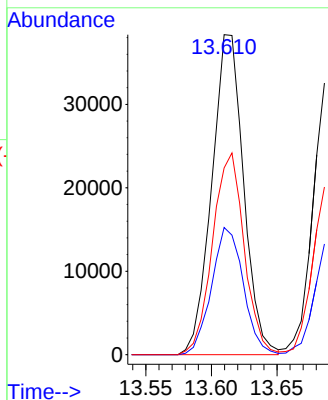
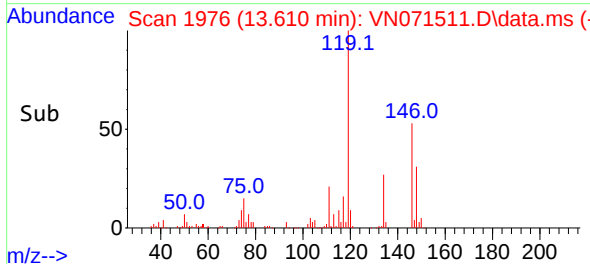
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



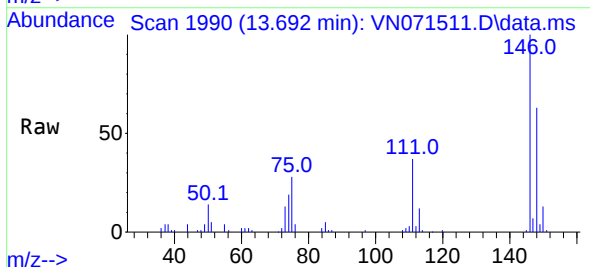
Tgt Ion:146 Resp: 6474
Ion Ratio Lower Upper
146 100
111 39.7 20.8 62.2
148 62.6 31.4 94.3

Manual Integrations
APPROVED

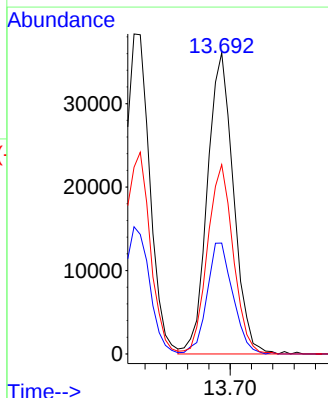
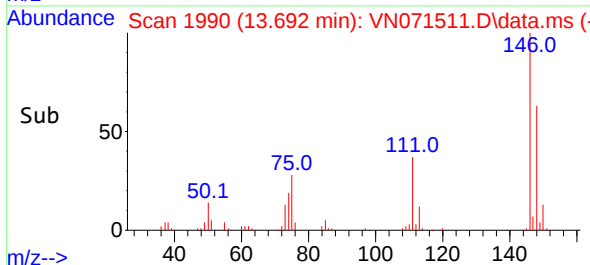
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

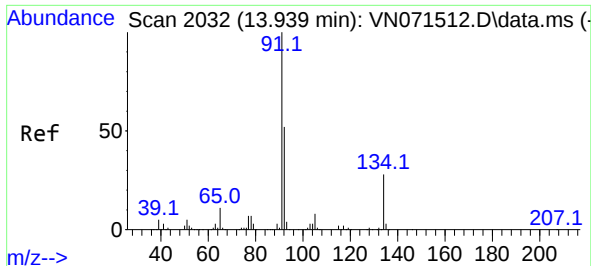


#84
1,4-Dichlorobenzene
Concen: 4.902 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion:146 Resp: 61417
Ion Ratio Lower Upper
146 100
111 36.6 19.5 58.5
148 62.1 31.1 93.5





#85
n-Butylbenzene
Concen: 4.038 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

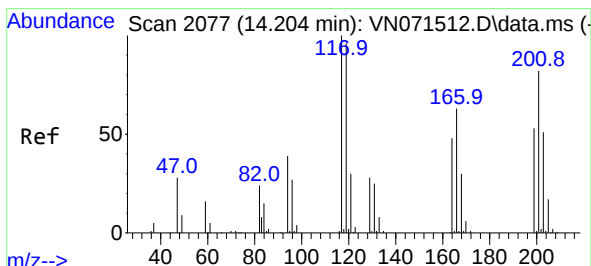
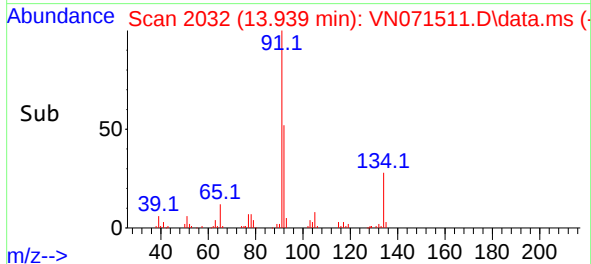
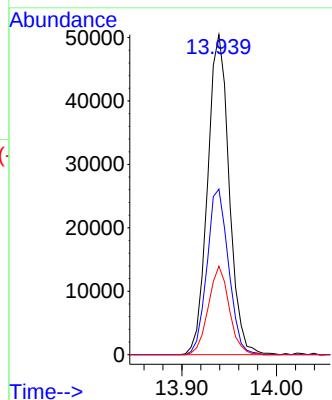
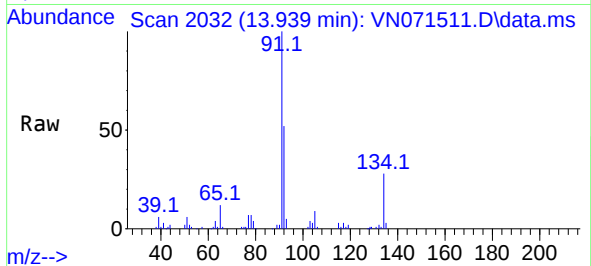
VSTDIC005

Tgt Ion: 91 Resp: 79770
Ion Ratio Lower Upper
91 100
92 51.7 0.0 100.6
134 26.7 0.0 50.2

Manual Integrations

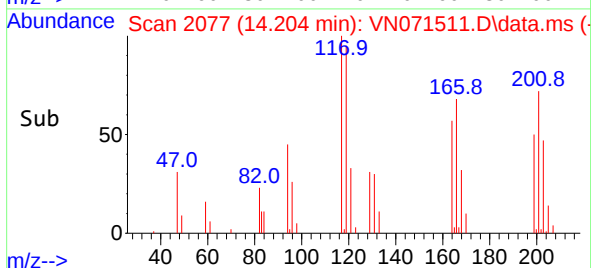
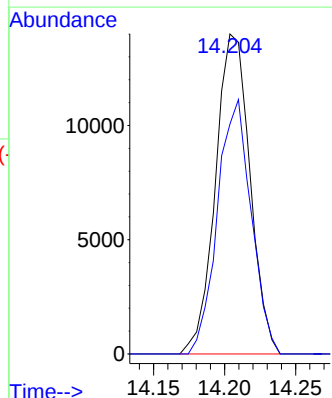
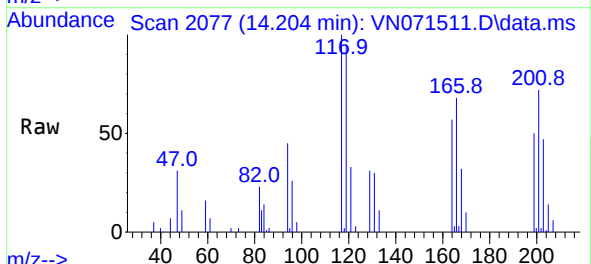
APPROVED

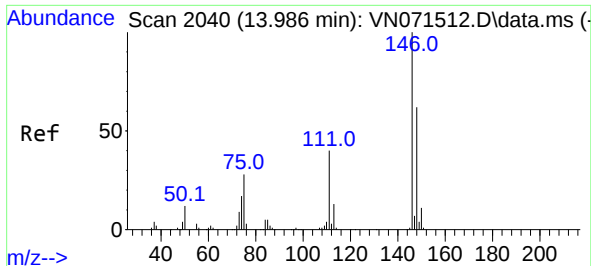
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#86
Hexachloroethane
Concen: 4.666 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

Tgt Ion:117 Resp: 23689
Ion Ratio Lower Upper
117 100
201 77.4 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 5.005 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071511.D

Acq: 24 Mar 2022 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 63920

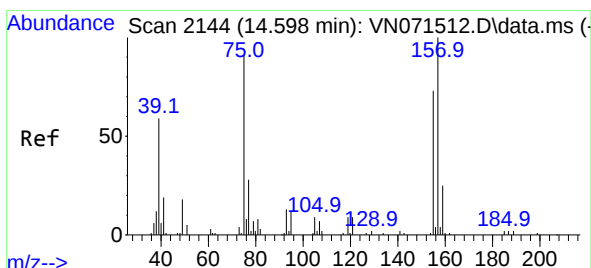
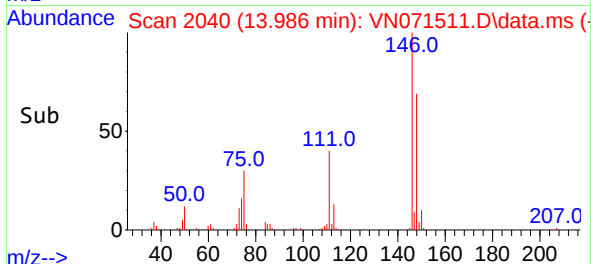
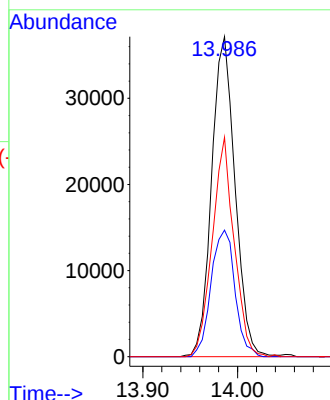
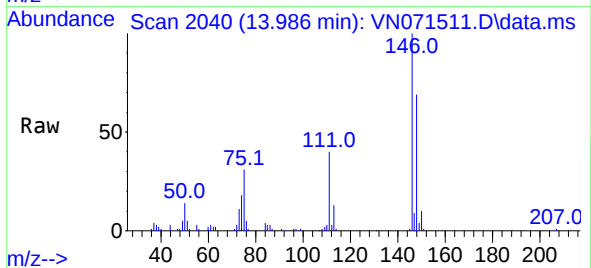
Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.4	64.2
148	63.9	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.033 ug/l

RT: 14.604 min Scan# 2145

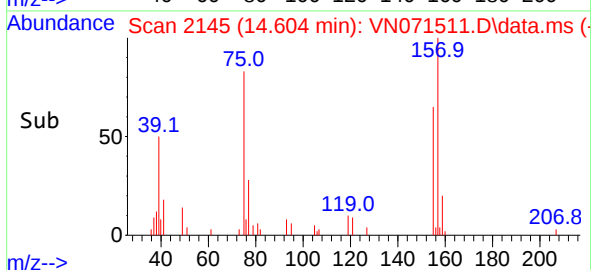
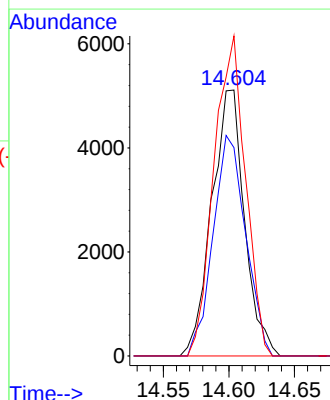
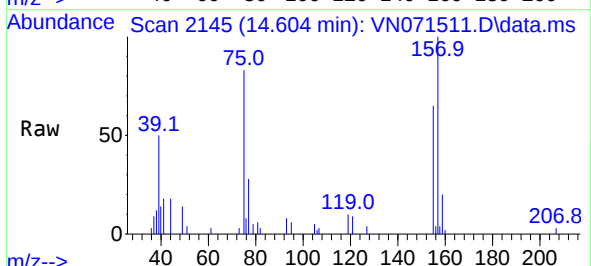
Delta R.T. 0.006 min

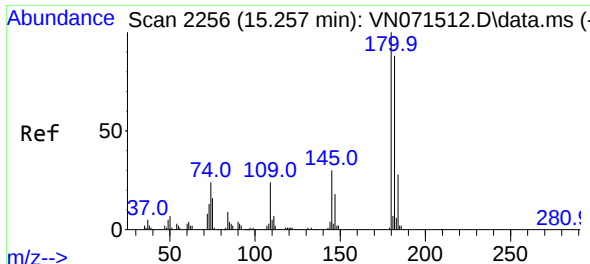
Lab File: VN071511.D

Acq: 24 Mar 2022 10:06

Tgt Ion: 75 Resp: 8895

Ion	Ratio	Lower	Upper
75	100		
155	82.2	63.8	95.8
157	115.4	77.9	116.9





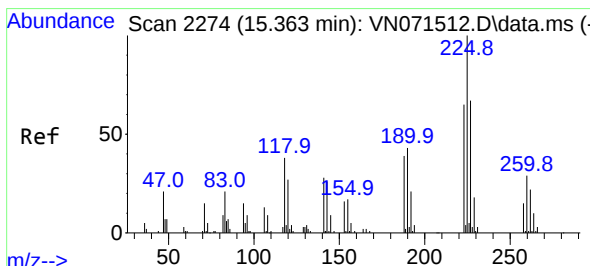
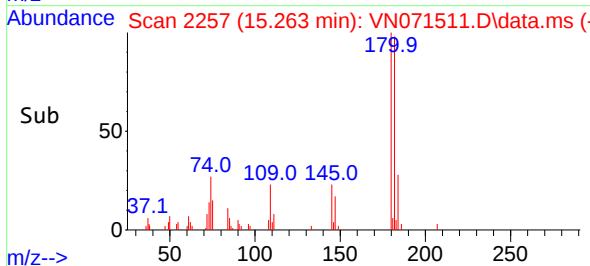
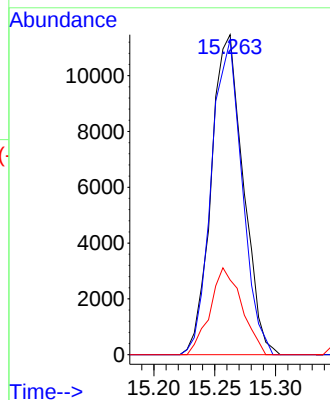
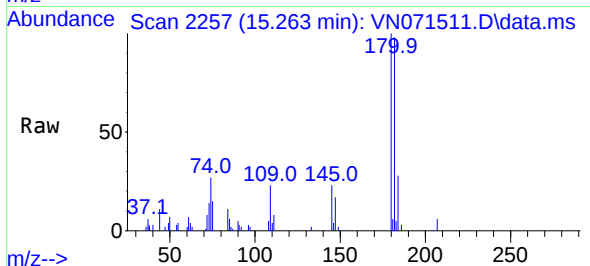
#89
 1,2,4-Trichlorobenzene
 Concen: 3.584 ug/l
 RT: 15.263 min Scan# 2104
 Delta R.T. 0.006 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 2104
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.7 116.5
 145 26.8 26.6 39.8

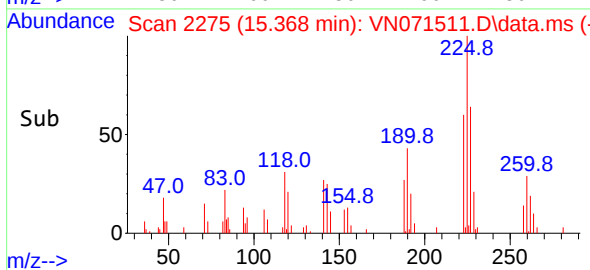
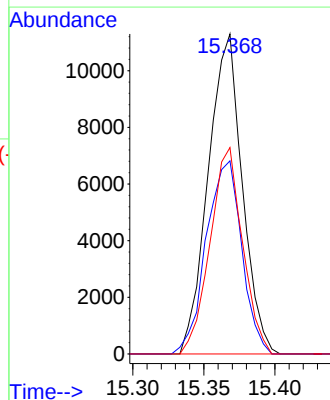
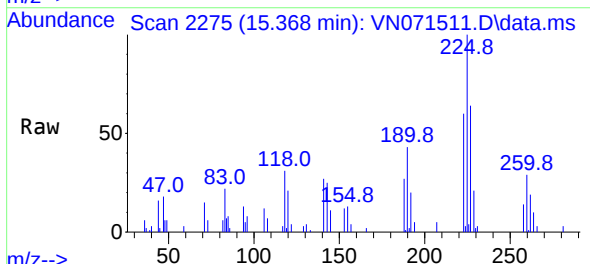
Manual Integrations
 APPROVED

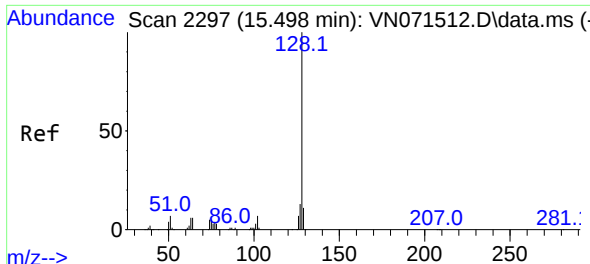
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#90
 Hexachlorobutadiene
 Concen: 5.584 ug/l
 RT: 15.368 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: VN071511.D
 Acq: 24 Mar 2022 10:06

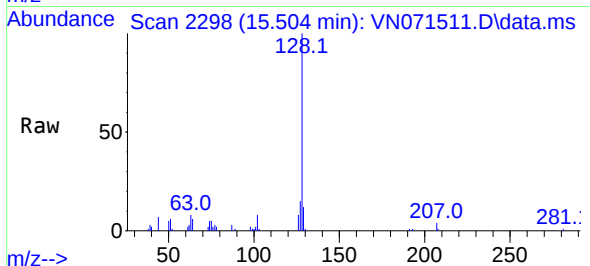
Tgt Ion:225 Resp: 18826
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 126.8
 227 61.5 0.0 123.0





#91
Naphthalene
Concen: 2.371 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06

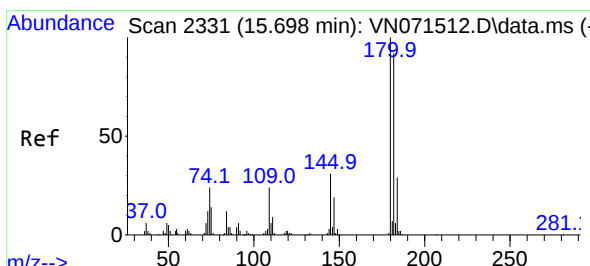
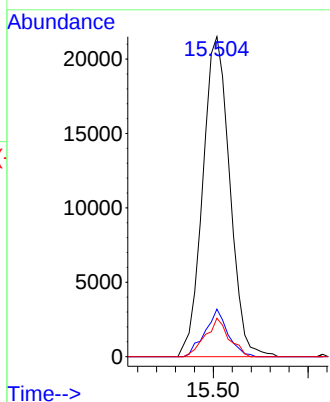
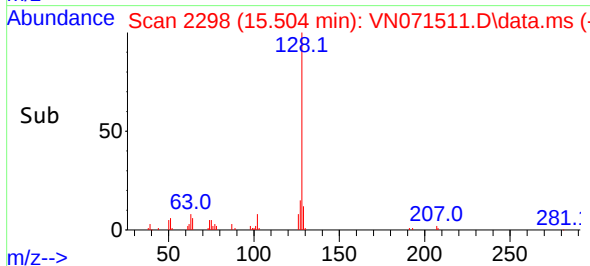
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



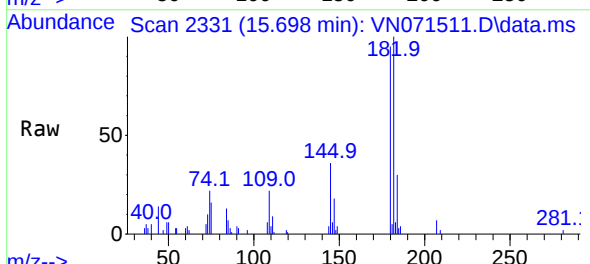
Tgt Ion:128 Resp: 42540
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.5 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 3.294 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071511.D
Acq: 24 Mar 2022 10:06



Tgt Ion:180 Resp: 19678
Ion Ratio Lower Upper
180 100
182 103.1 0.0 190.0
145 35.3 0.0 67.8

