

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072506.D
 Acq On : 16 May 2022 17:20
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 07:18:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	28229	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	146231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	134997	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	91199	28.711	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.700%		
60) 4-Bromofluorobenzene	12.727	95	77615	29.446	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.167%		
63) Toluene-d8	10.439	98	226758	30.771	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	44308	18.895	ug/l	88
3) Chloromethane	2.298	50	38686	18.266	ug/l	96
4) Vinyl Chloride	2.440	62	32144m	17.979	ug/l	
5) Bromomethane	2.828	94	26078	17.933	ug/l	91
6) Chloroethane	2.998	64	20620	17.661	ug/l	89
7) Trichlorofluoromethane	3.363	101	76125	18.025	ug/l	97
8) Diethyl Ether	3.822	74	22604	17.792	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	36488	18.337	ug/l #	59
10) 1,1-Dichloroethene	4.175	96	31905	17.781	ug/l	87
11) Methyl Iodide	4.416	142	47317	17.511	ug/l	97
12) Methyl Acetate	4.857	43	54943	18.928	ug/l	97
13) Acrolein	4.034	56	37829	82.942	ug/l	100
14) Acrylonitrile	5.551	53	112873	92.167	ug/l	90
15) Acetone	4.292	58	31168	97.057	ug/l	98
16) Carbon Disulfide	4.528	76	82398	17.704	ug/l #	94
17) Allyl chloride	4.834	41	58755	18.141	ug/l	86
18) Methylene Chloride	5.087	84	40707	19.167	ug/l	96
19) trans-1,2-Dichloroethene	5.592	96	35450	17.988	ug/l	90
20) Diisopropyl ether	6.486	45	121455	18.038	ug/l	96
21) 1,1-Dichloroethane	6.386	63	73702	18.304	ug/l	96
22) cis-1,2-Dichloroethene	7.322	96	42405	18.327	ug/l	95
23) tert-Butyl Alcohol	5.375	59	50242	93.530	ug/l #	100
24) Methyl tert-Butyl Ether	5.622	73	135981	18.473	ug/l #	83
25) Chloroform	7.816	83	81622	18.796	ug/l	99
26) Cyclohexane	8.092	56	59545	18.223	ug/l #	97
29) 1,1-Dichloropropene	8.222	75	55388	19.019	ug/l	95
30) 2-Butanone	7.333	43	162788	96.577	ug/l	97
31) 2,2-Dichloropropane	7.322	77	69064	19.115	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	76920	18.517	ug/l	98
33) Carbon Tetrachloride	8.204	117	66305	17.961	ug/l	96
34) Benzene	8.457	78	157792	19.068	ug/l	98
35) Methacrylonitrile	7.633	41	33430	18.758	ug/l	96
36) 1,2-Dichloroethane	8.527	62	71423	18.533	ug/l	100
37) Trichloroethene	9.216	130	42247	18.818	ug/l	98
38) Methylcyclohexane	9.457	83	61544	18.278	ug/l	93
39) 1,2-Dichloropropane	9.486	63	39569	18.982	ug/l	95
40) Dibromomethane	9.574	93	29918	18.593	ug/l	91
41) Bromodichloromethane	9.757	83	64664	18.968	ug/l	93
42) Vinyl Acetate	6.433	43	549369	96.834	ug/l	98

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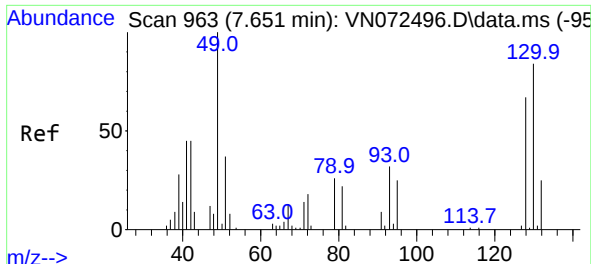
Manual Integrations
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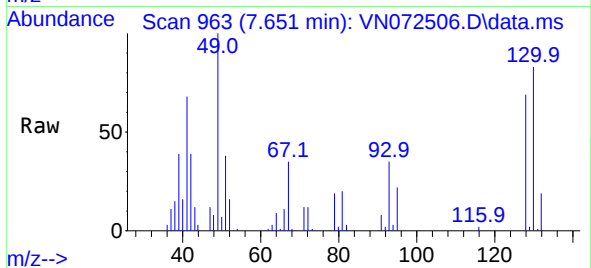
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	67662	20.555	ug/l	97
44) Isopropyl Acetate	8.557	43	99789	18.938	ug/l	97
45) 1,4-Dioxane	9.569	88	18876	376.114	ug/l	91
46) Methyl methacrylate	9.557	41	46638	18.705	ug/l	85
47) n-amyl Acetate	12.386	43	66739	18.920	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	65003	18.062	ug/l	98
49) cis-1,3-Dichloropropene	10.186	75	66676	18.381	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	42487	19.143	ug/l	97
51) Ethyl methacrylate	10.757	69	65268	18.858	ug/l	90
52) 1,3-Dichloropropane	11.039	76	71590	18.669	ug/l	98
53) Dibromochloromethane	11.233	129	48999	18.284	ug/l	98
54) 1,2-Dibromoethane	11.345	107	45144	19.121	ug/l	99
55) 2-Chloroethyl vinyl ether	10.039	63	84780	96.544	ug/l	97
56) Bromoform	12.457	173	36916	18.266	ug/l #	98
58) 4-Methyl-2-Pentanone	10.327	43	326585	102.667	ug/l	99
59) 2-Hexanone	11.080	43	238328	101.986	ug/l	98
61) Tetrachloroethene	10.974	164	38685	19.135	ug/l	98
62) Toluene	10.504	91	176614	19.365	ug/l	98
64) Chlorobenzene	11.768	112	108135	19.008	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	47422	20.160	ug/l	97
66) Ethyl Benzene	11.839	91	193497	18.863	ug/l	99
67) m/p-Xylenes	11.951	106	151337	38.912	ug/l	96
68) o-Xylene	12.274	106	72214	18.784	ug/l	91
69) Styrene	12.292	104	115571	18.875	ug/l	94
70) Isopropylbenzene	12.574	105	194195	19.036	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.821	83	60997	19.580	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	52935m	18.117	ug/l	
73) Bromobenzene	12.857	156	47158	19.208	ug/l	97
74) n-propylbenzene	12.915	91	210582	18.857	ug/l	100
75) 2-Chlorotoluene	13.004	91	135256	18.745	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	168630	19.327	ug/l	100
77) t-1,4-Dichloro-2-butene	12.615	75	18289	18.944	ug/l	90
78) 4-Chlorotoluene	13.104	91	129208	19.105	ug/l	94
79) tert-butylbenzene	13.321	119	146845	19.155	ug/l	99
80) 1,2,4-Trimethylbenzene	13.362	105	162777m	19.360	ug/l	
81) sec-Butylbenzene	13.498	105	186130	18.313	ug/l	99
82) p-Isopropyltoluene	13.609	119	155166	18.447	ug/l	99
83) 1,3-Dichlorobenzene	13.615	146	79573	18.986	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	75757	18.575	ug/l	99
85) n-Butylbenzene	13.939	91	112165	17.994	ug/l	99
86) Hexachloroethane	14.204	117	29825	19.256	ug/l	94
87) 1,2-Dichlorobenzene	13.986	146	80054	19.537	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	13562	18.494	ug/l	95
89) 1,2,4-Trichlorobenzene	15.262	180	33100	17.846	ug/l	98
90) Hexachlorobutadiene	15.362	225	22795	19.886	ug/l	98
91) Naphthalene	15.503	128	100529	20.504	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	36067	19.103	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

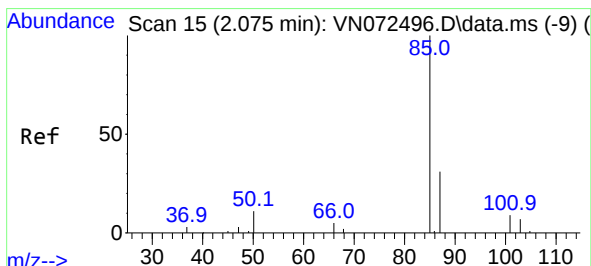
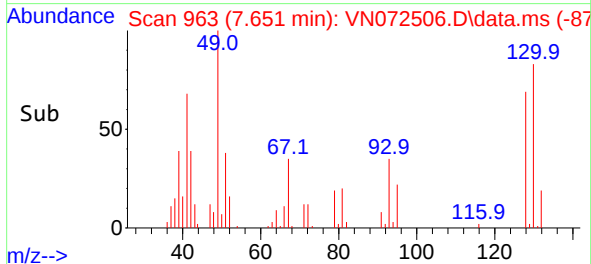
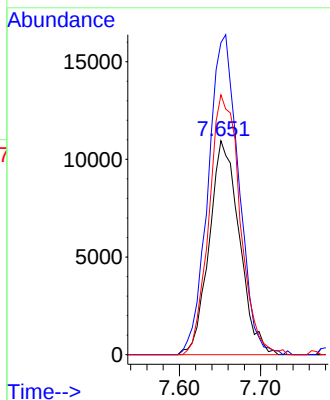
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



Tgt Ion:128 Resp: 28229
Ion Ratio Lower Upper
128 100
49 151.8 0.0 392.3
130 124.9 0.0 320.2

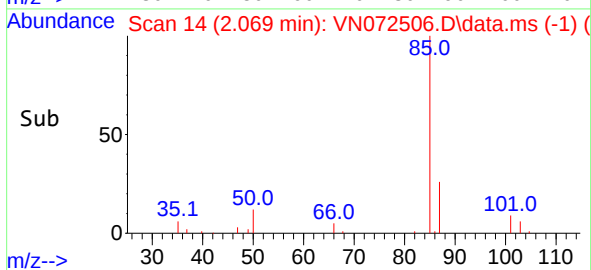
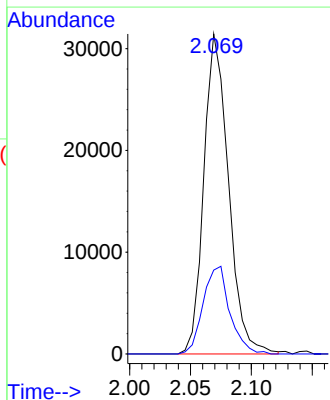
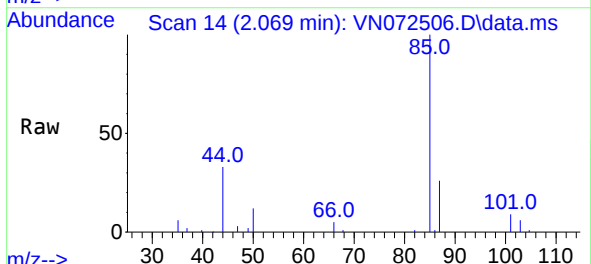
Manual Integrations
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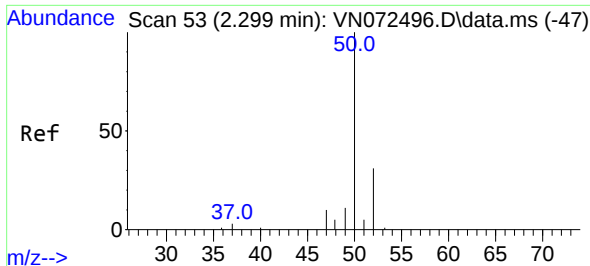
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#2
Dichlorodifluoromethane
Concen: 18.895 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

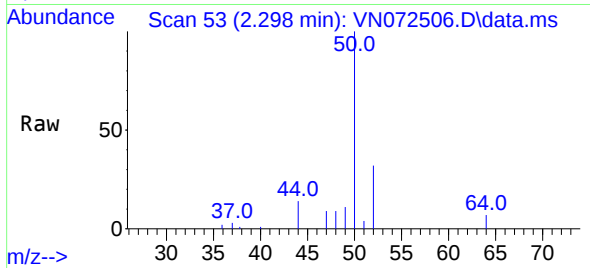
Tgt Ion: 85 Resp: 44308
Ion Ratio Lower Upper
85 100
87 26.2 16.6 49.7





#3
Chloromethane
Concen: 18.266 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

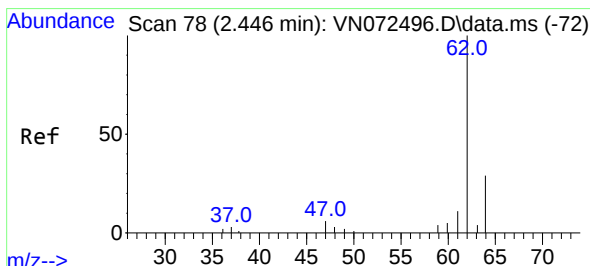
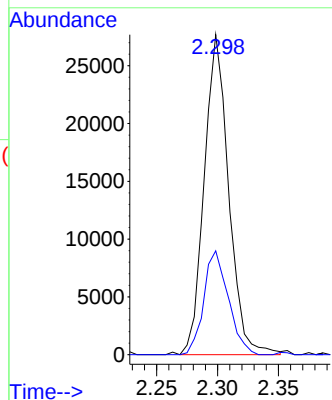
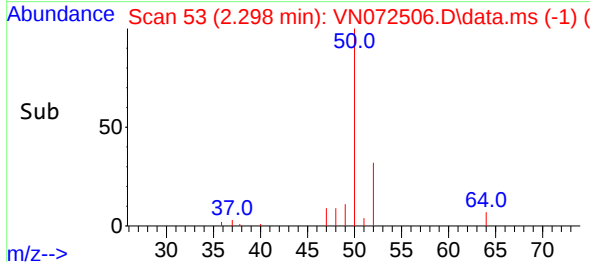
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



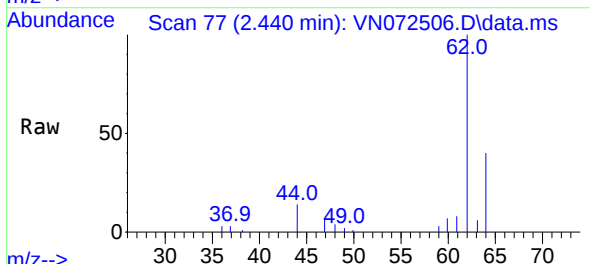
Tgt Ion: 50 Resp: 38680
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

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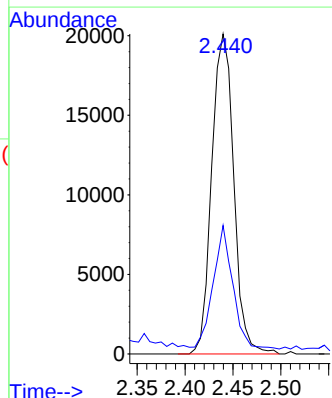
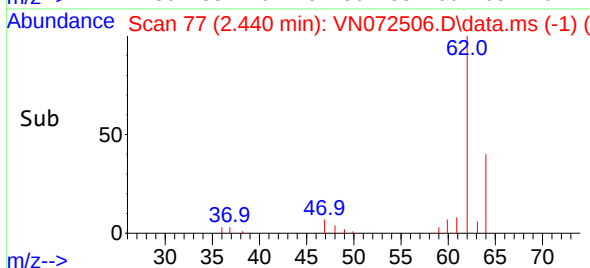
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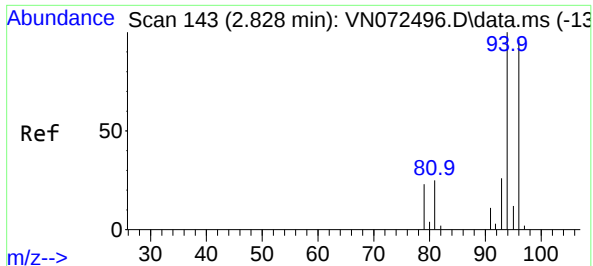


#4
Vinyl Chloride
Concen: 17.979 ug/l m
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



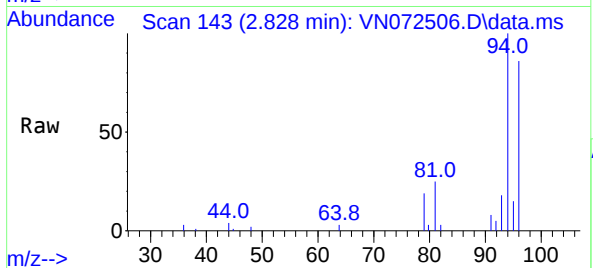
Tgt Ion: 62 Resp: 32144
Ion Ratio Lower Upper
62 100
64 40.1 25.1 37.7#





#5
Bromomethane
Concen: 17.933 ug/l
RT: 2.828 min Scan# 143
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

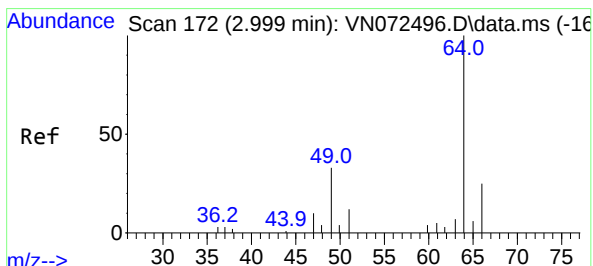
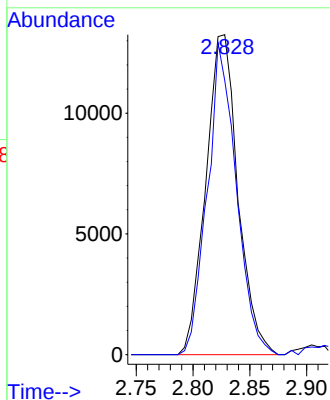
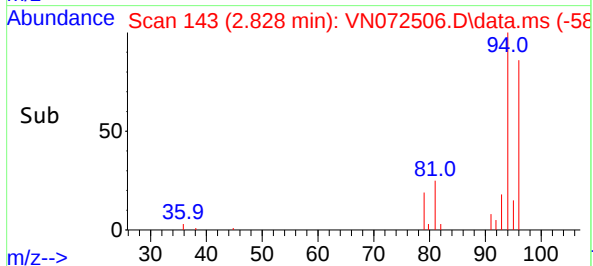
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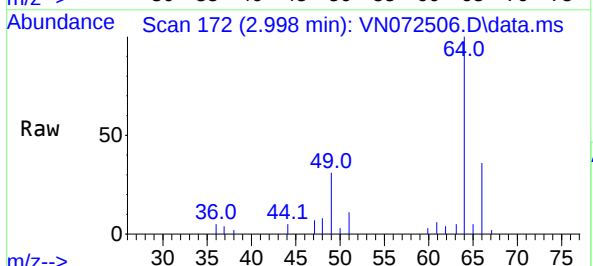
Tgt Ion: 94 Resp: 26078
Ion Ratio Lower Upper
94 100
96 85.6 75.2 112.8

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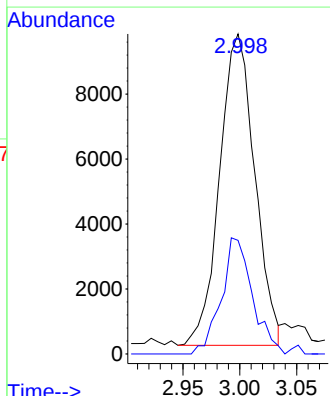
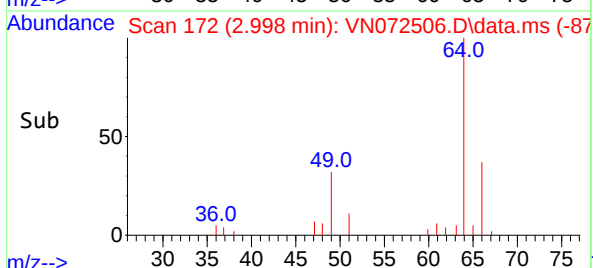
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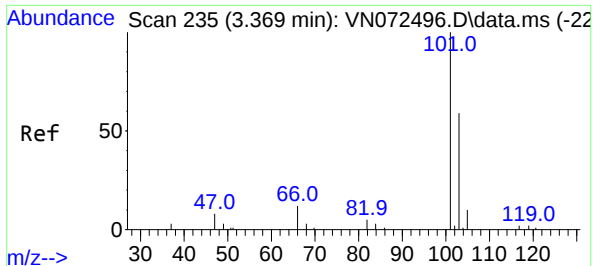


#6
Chloroethane
Concen: 17.661 ug/l
RT: 2.998 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



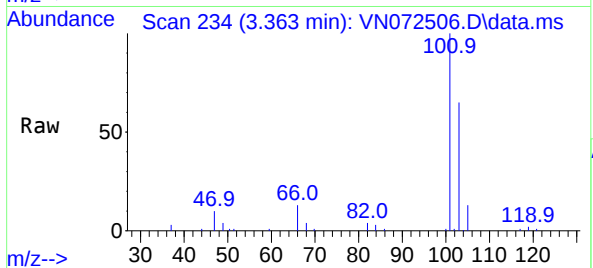
Tgt Ion: 64 Resp: 20620
Ion Ratio Lower Upper
64 100
66 36.5 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.025 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

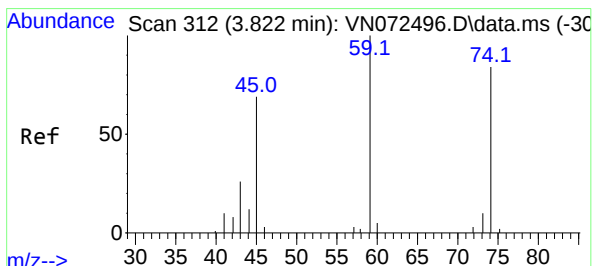
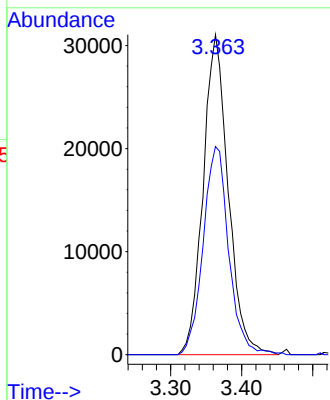
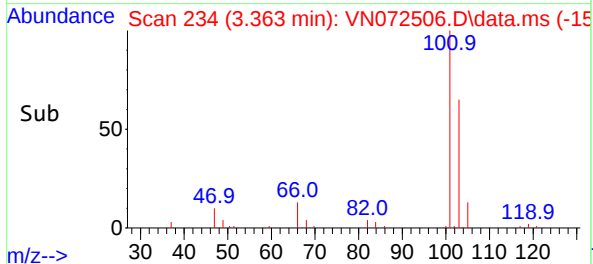
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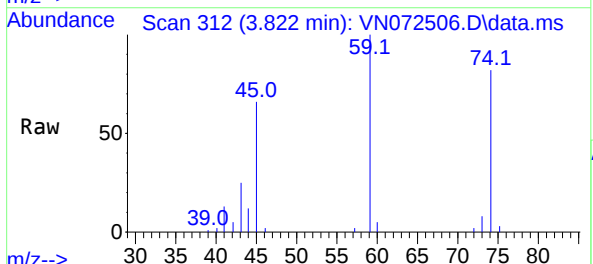
Tgt Ion:101 Resp: 7612
Ion Ratio Lower Upper
101 100
103 65.1 50.1 75.1

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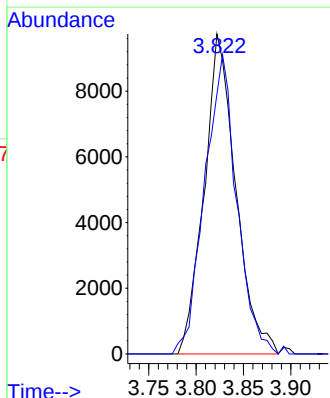
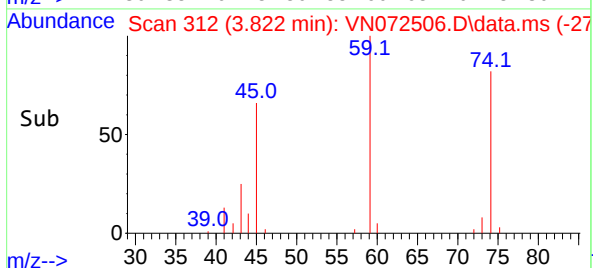
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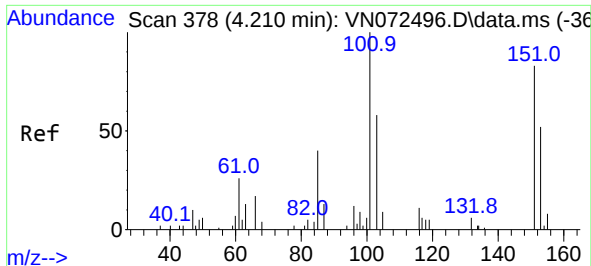


#8
Diethyl Ether
Concen: 17.792 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion: 74 Resp: 22604
Ion Ratio Lower Upper
74 100
45 94.9 17.6 158.8





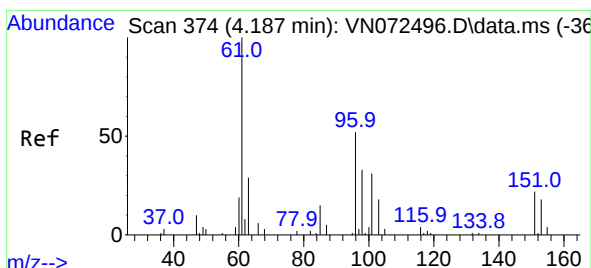
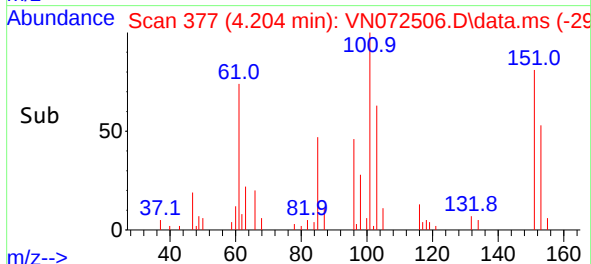
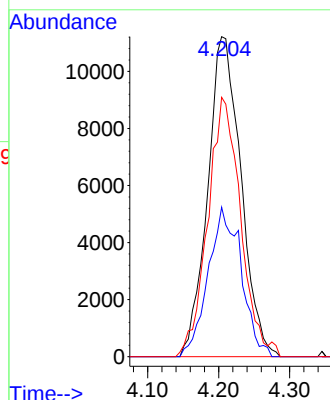
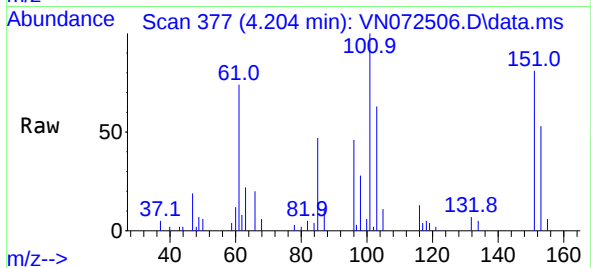
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.337 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion:101 Resp: 3648
Ion Ratio Lower Upper
101 100
85 34.7 0.0 94.0
151 79.1 0.0 74.6

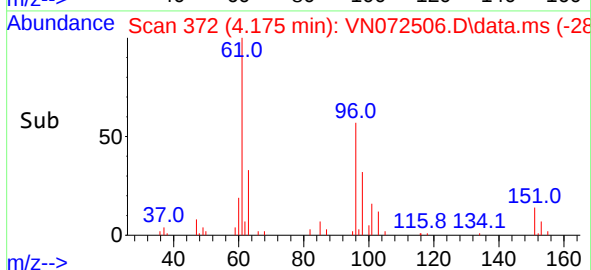
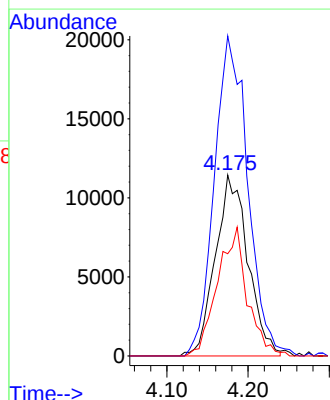
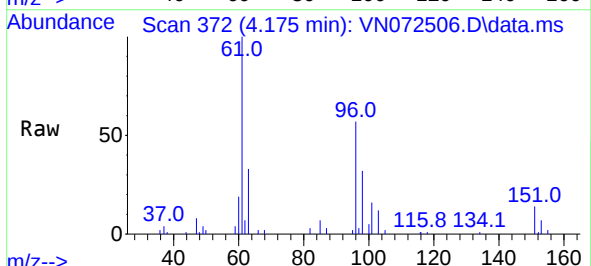
Manual Integrations
APPROVED

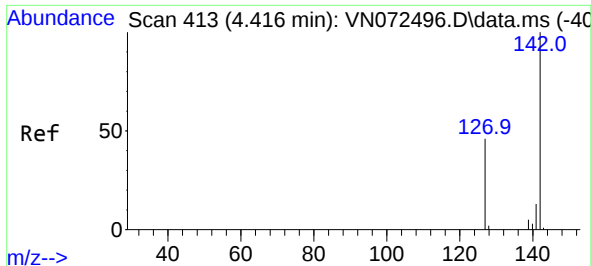
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
1,1-Dichloroethene
Concen: 17.781 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

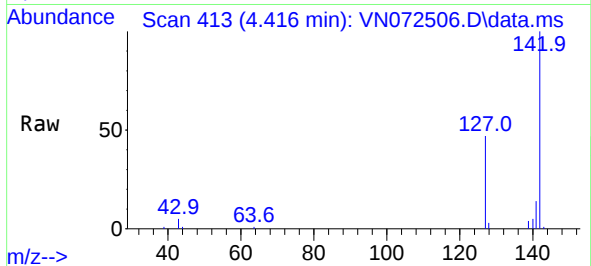
Tgt Ion: 96 Resp: 31905
Ion Ratio Lower Upper
96 100
61 176.8 126.2 189.4
98 56.5 50.9 76.3





#11
Methyl Iodide
Concen: 17.511 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

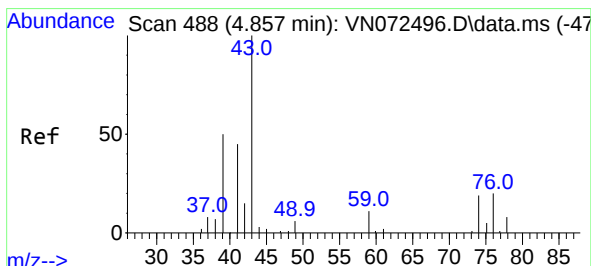
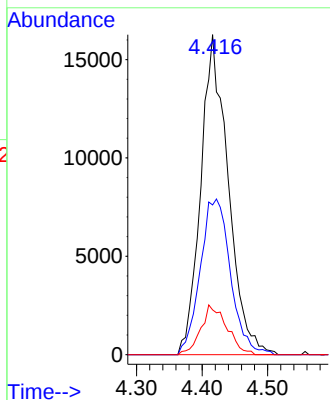
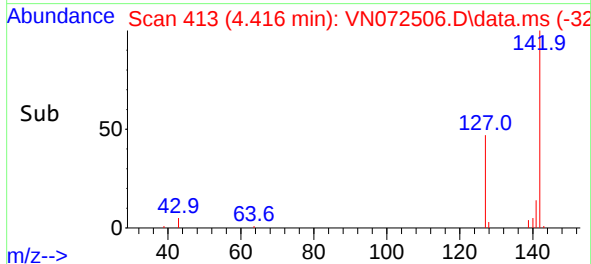
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



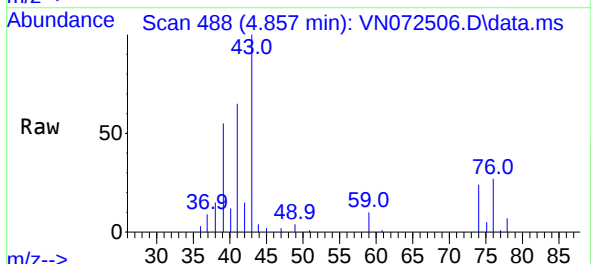
Tgt Ion:142 Resp: 4731
Ion Ratio Lower Upper
142 100
127 46.8 24.0 72.0
141 14.0 8.4 25.2

Manual Integrations
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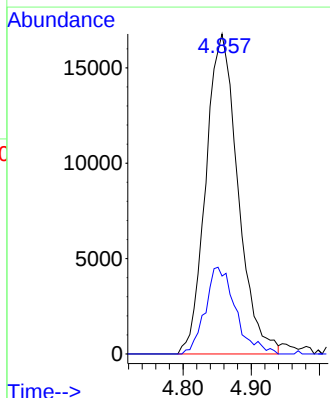
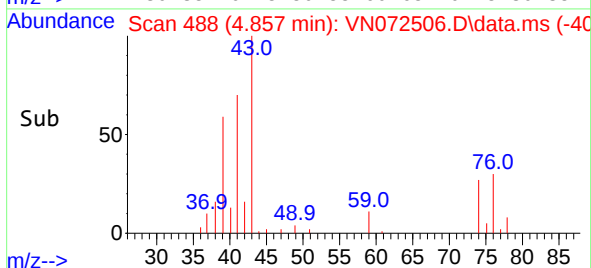
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

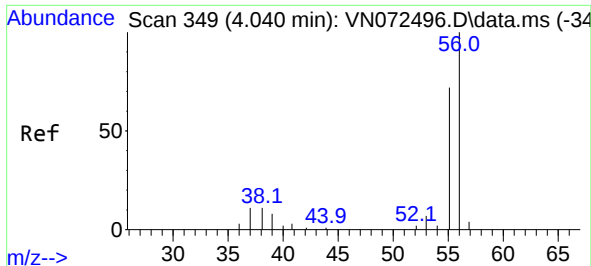


#12
Methyl Acetate
Concen: 18.928 ug/l
RT: 4.857 min Scan# 488
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



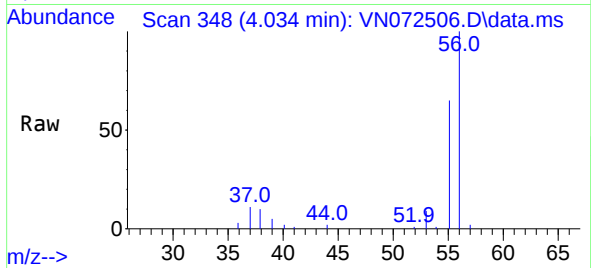
Tgt Ion: 43 Resp: 54943
Ion Ratio Lower Upper
43 100
74 24.7 20.8 31.2





#13
Acrolein
Concen: 82.942 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

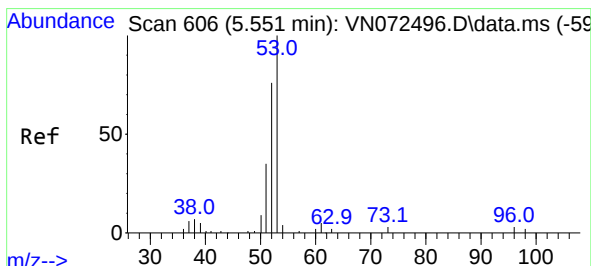
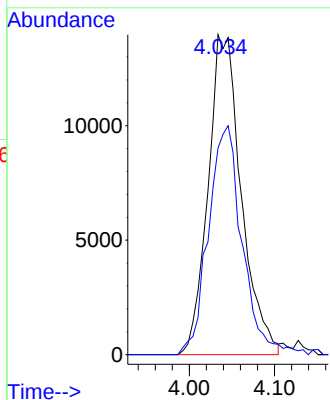
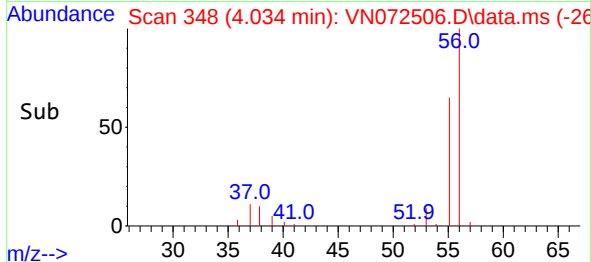
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



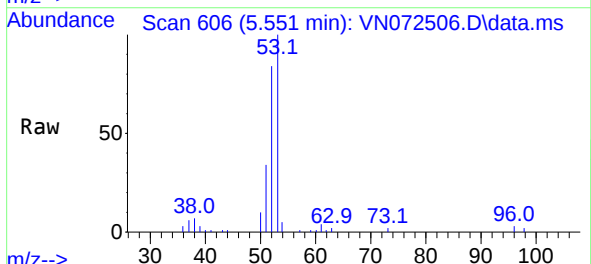
Tgt Ion: 56 Resp: 37829
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4

Manual Integrations
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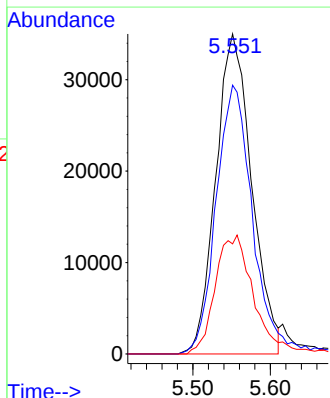
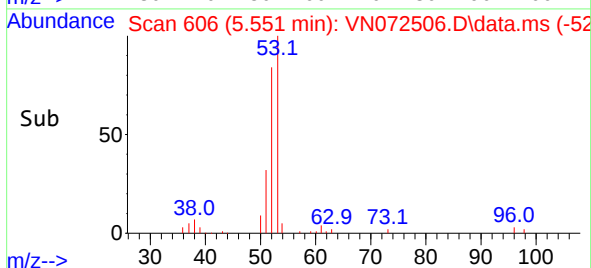
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

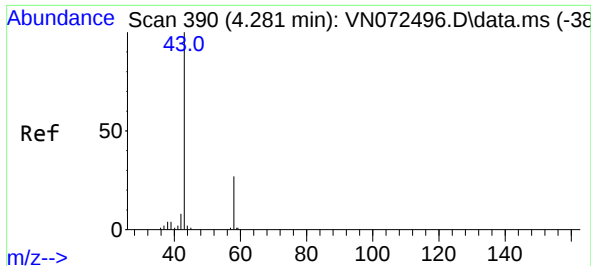


#14
Acrylonitrile
Concen: 92.167 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion: 53 Resp: 112873
Ion Ratio Lower Upper
53 100
52 83.7 41.8 125.4
51 19.6 19.0 57.0





#15

Acetone

Concen: 97.057 ug/l

RT: 4.292 min Scan# 391

Delta R.T. 0.012 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 58 Resp: 31168

Ion Ratio Lower Upper

58 100

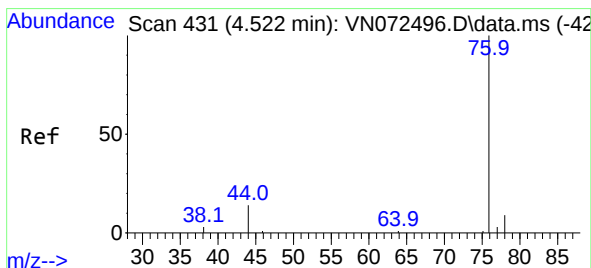
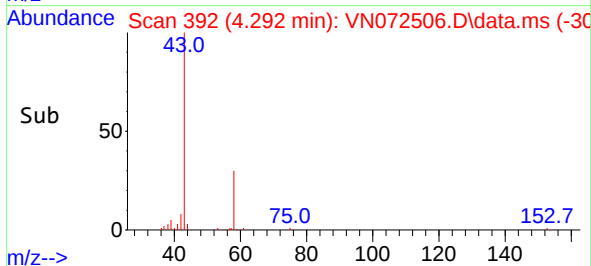
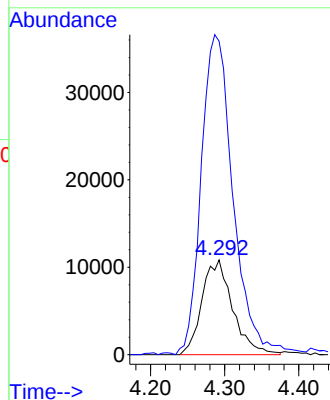
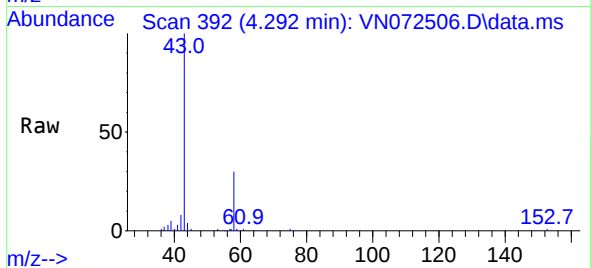
43 324.2 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#16

Carbon Disulfide

Concen: 17.704 ug/l

RT: 4.528 min Scan# 432

Delta R.T. 0.006 min

Lab File: VN072506.D

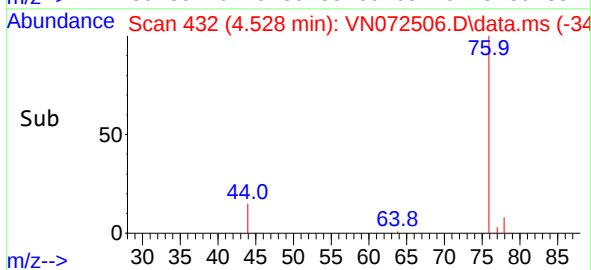
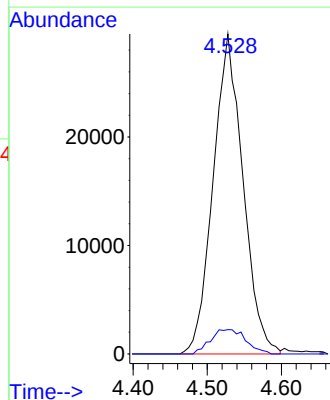
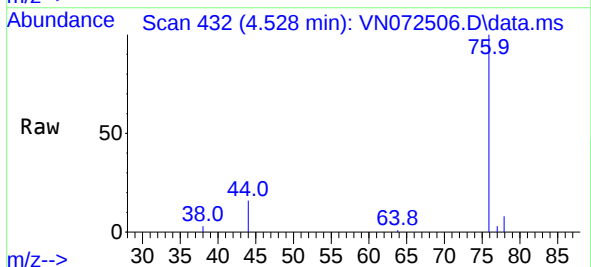
Acq: 16 May 2022 17:20

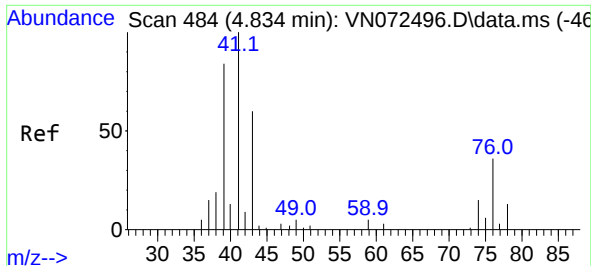
Tgt Ion: 76 Resp: 82398

Ion Ratio Lower Upper

76 100

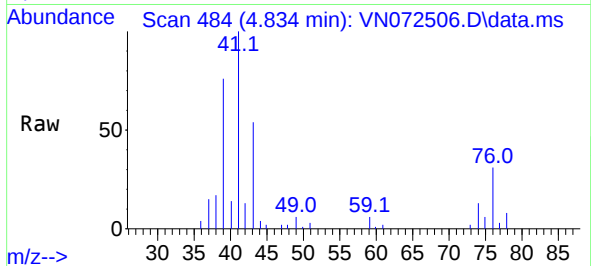
78 7.6 7.8 11.8#





#17
 Allyl chloride
 Concen: 18.141 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

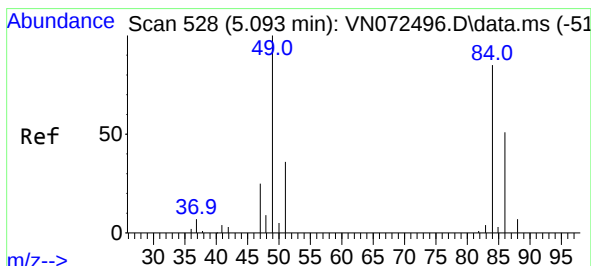
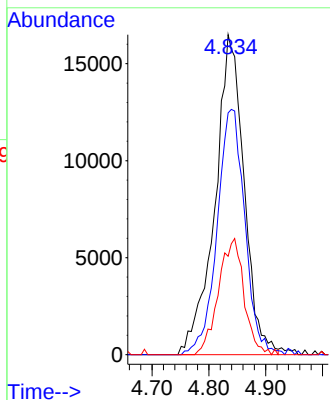
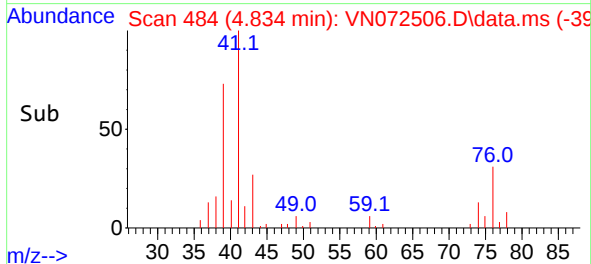
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



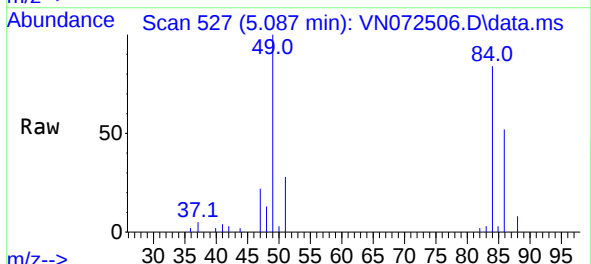
Tgt Ion: 41 Resp: 5875
 Ion Ratio Lower Upper
 41 100
 39 75.6 44.6 134.0
 76 30.7 19.6 58.7

Manual Integrations
 APPROVED

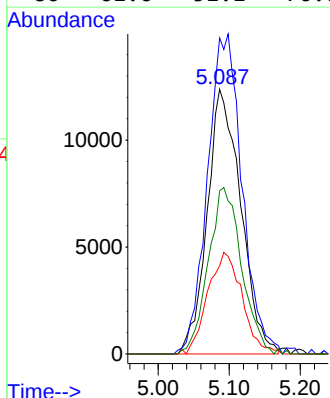
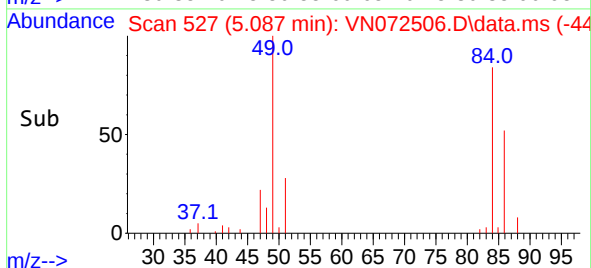
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

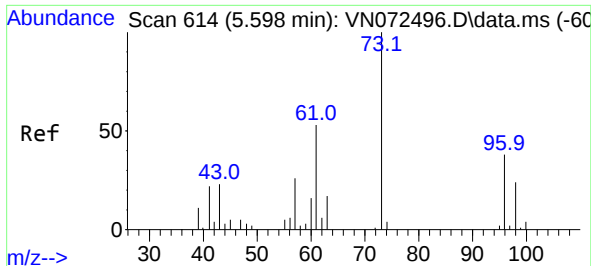


#18
 Methylene Chloride
 Concen: 19.167 ug/l
 RT: 5.087 min Scan# 527
 Delta R.T. -0.006 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20



Tgt Ion: 84 Resp: 40707
 Ion Ratio Lower Upper
 84 100
 49 117.9 91.4 137.0
 51 33.3 29.4 44.0
 86 61.6 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 17.988 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 96 Resp: 35450

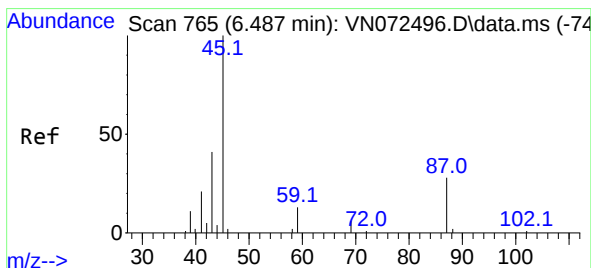
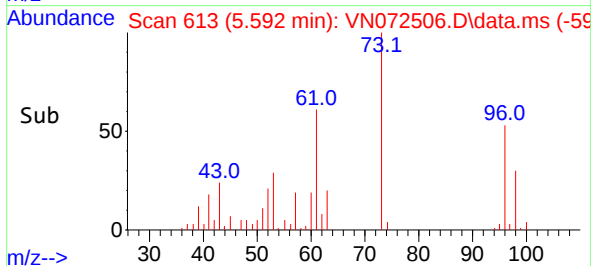
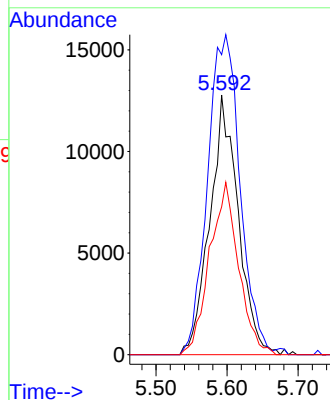
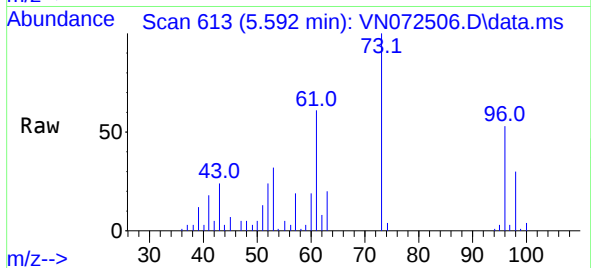
Ion	Ratio	Lower	Upper
96	100		
61	115.5	102.8	154.2
98	56.9	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#20

Diisopropyl ether

Concen: 18.038 ug/l

RT: 6.486 min Scan# 765

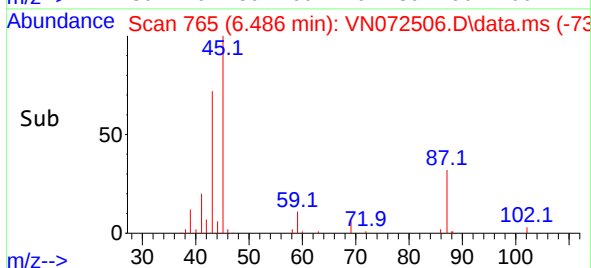
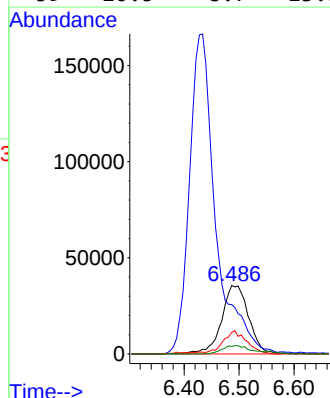
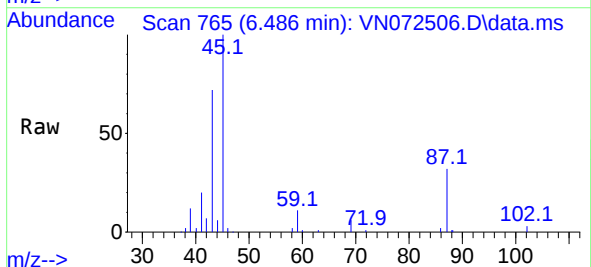
Delta R.T. -0.000 min

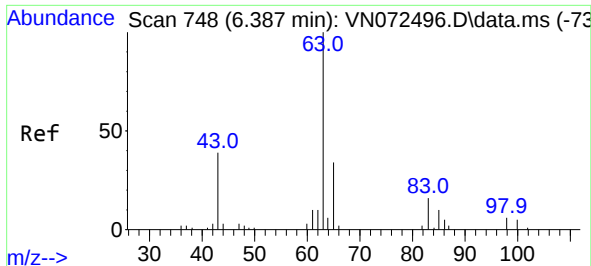
Lab File: VN072506.D

Acq: 16 May 2022 17:20

Tgt Ion: 45 Resp: 121455

Ion	Ratio	Lower	Upper
45	100		
43	68.8	51.0	76.4
87	31.6	25.0	37.4
59	10.5	8.7	13.1





#21

1,1-Dichloroethane

Concen: 18.304 ug/l

RT: 6.386 min Scan# 748

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 63 Resp: 7370

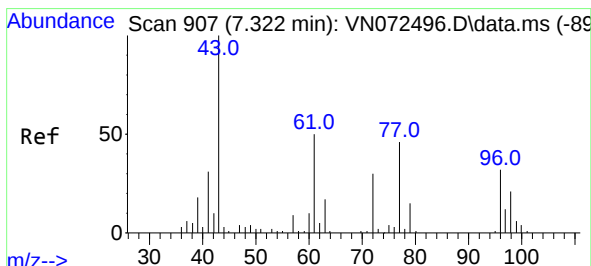
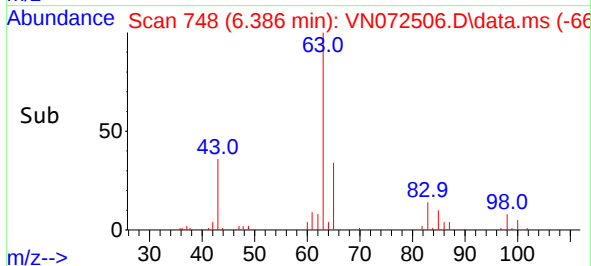
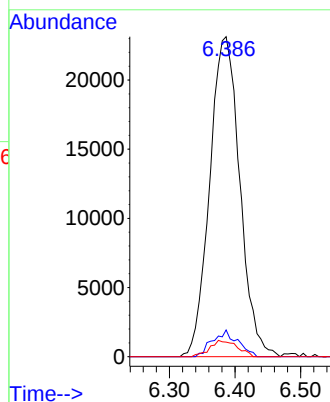
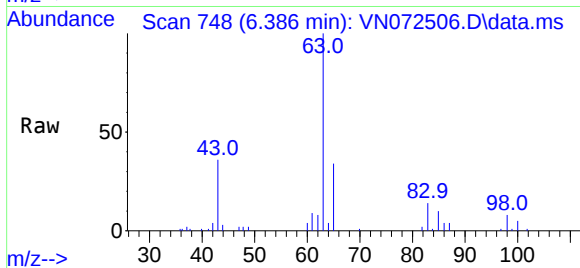
Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.2	9.6
100	4.5	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#22

cis-1,2-Dichloroethene

Concen: 18.327 ug/l

RT: 7.322 min Scan# 907

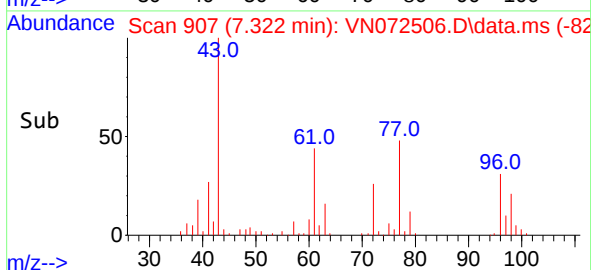
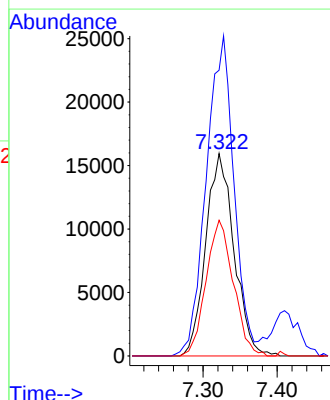
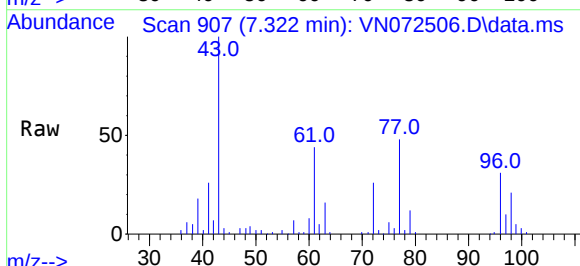
Delta R.T. -0.000 min

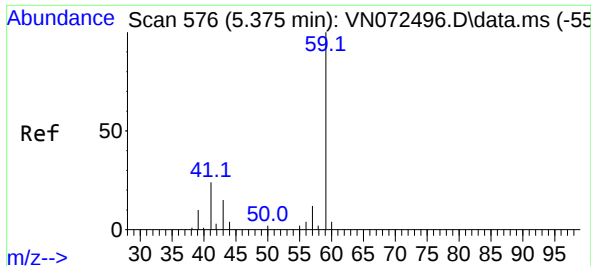
Lab File: VN072506.D

Acq: 16 May 2022 17:20

Tgt Ion: 96 Resp: 42405

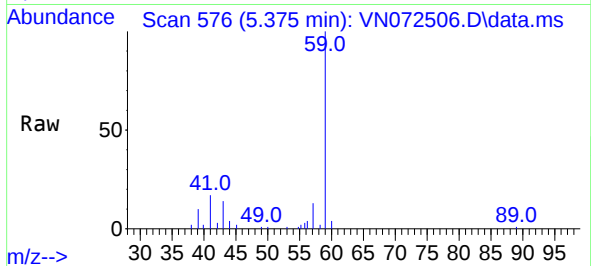
Ion	Ratio	Lower	Upper
96	100		
61	154.1	115.7	173.5
98	64.5	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 93.530 ug/l
RT: 5.375 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

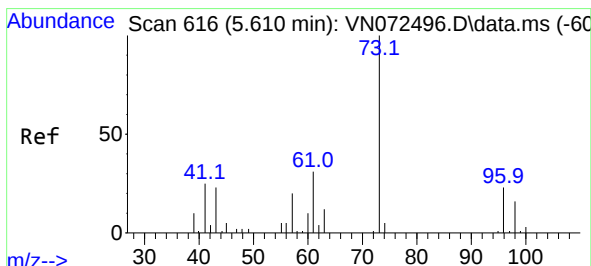
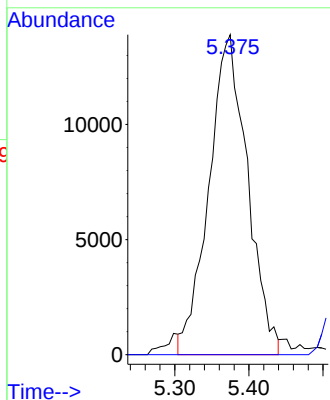
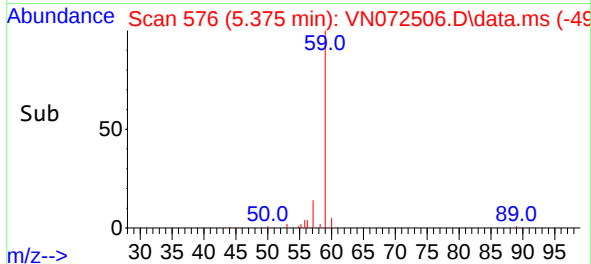
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



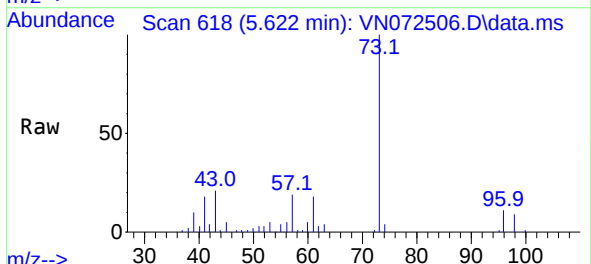
Tgt Ion: 59 Resp: 5024
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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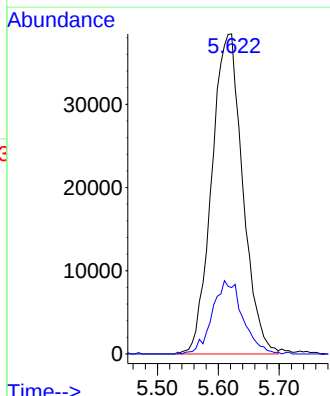
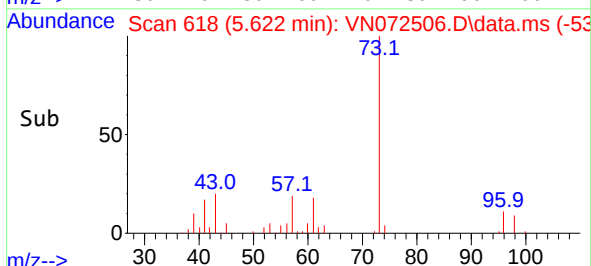
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

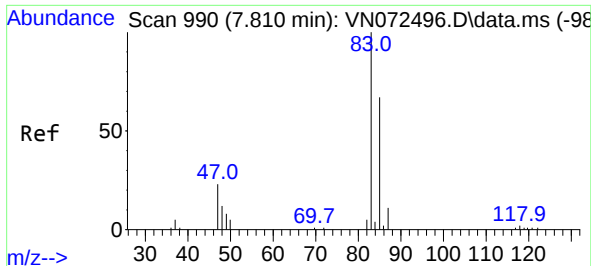


#24
Methyl tert-Butyl Ether
Concen: 18.473 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



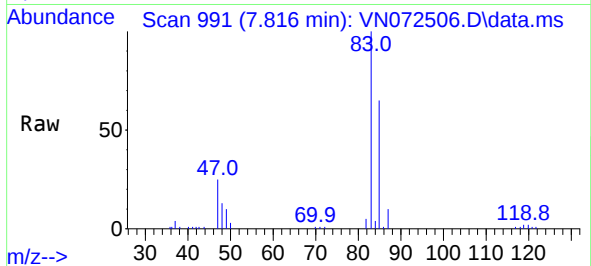
Tgt Ion: 73 Resp: 135981
Ion Ratio Lower Upper
73 100
43 14.5 18.1 27.1#





#25
Chloroform
Concen: 18.796 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

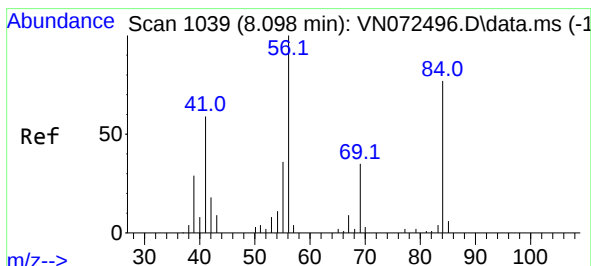
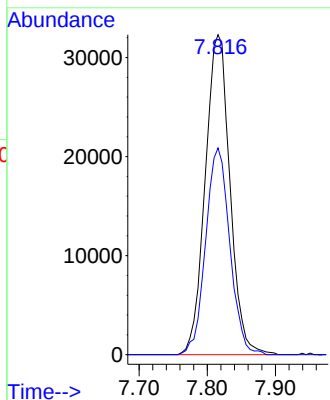
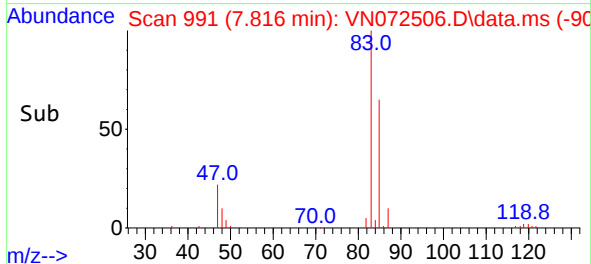
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



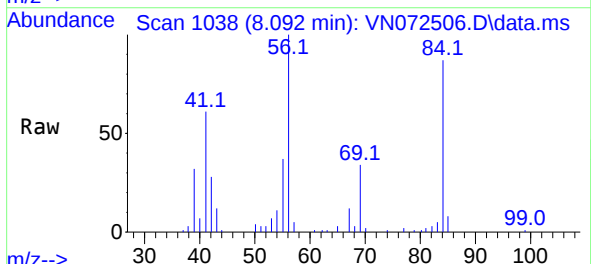
Tgt Ion: 83 Resp: 8162
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9

Manual Integrations
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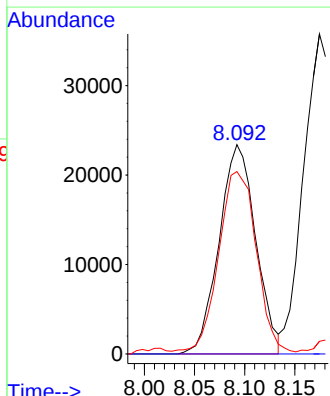
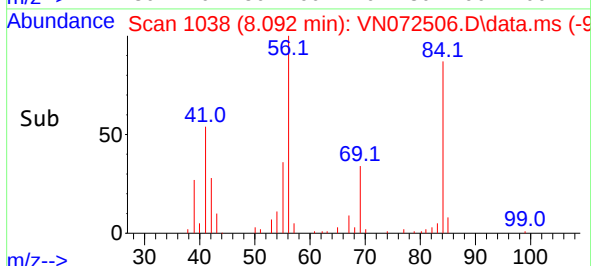
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

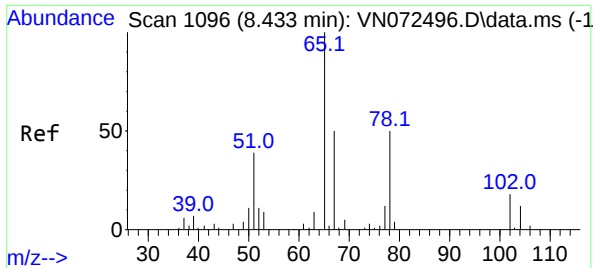


#26
Cyclohexane
Concen: 18.223 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion: 56 Resp: 59545
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 90.7 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.711 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

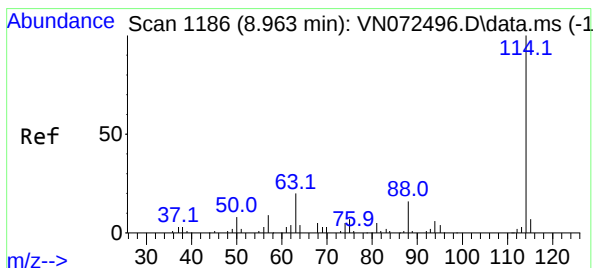
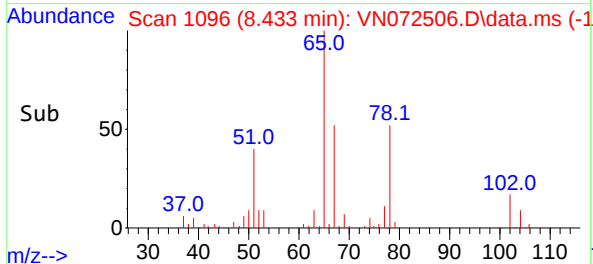
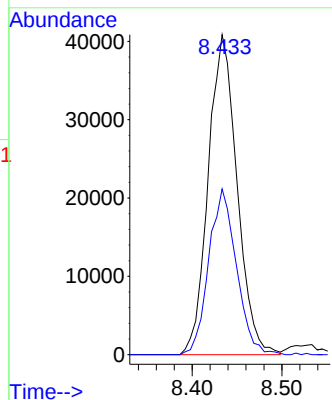
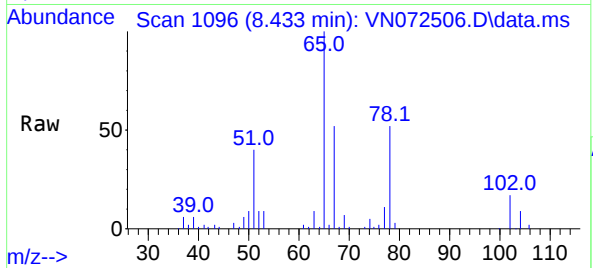
VN0516WBSD01

Tgt Ion: 65 Resp: 91199
Ion Ratio Lower Upper
65 100
67 49.3 40.2 60.2

Manual Integrations

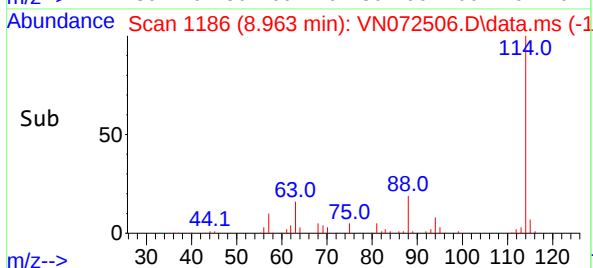
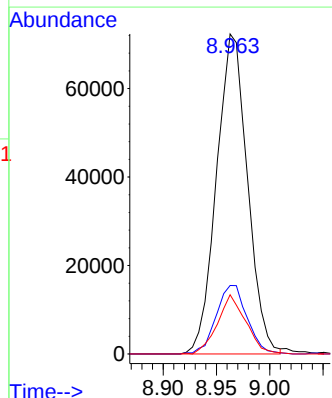
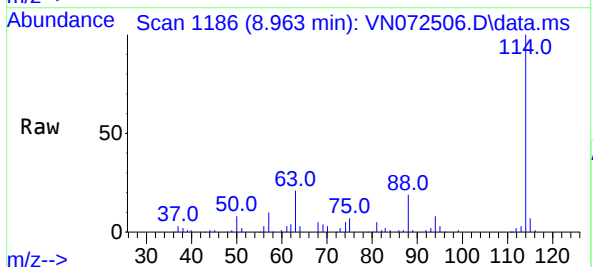
APPROVED

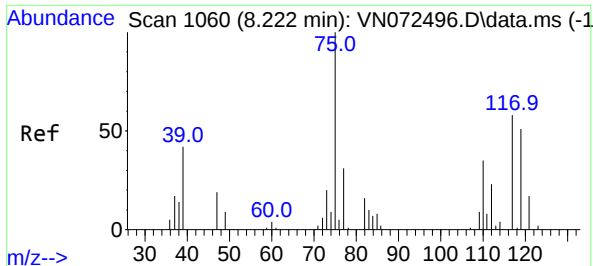
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:114 Resp: 146231
Ion Ratio Lower Upper
114 100
63 21.5 15.8 23.6
88 16.9 11.6 17.4





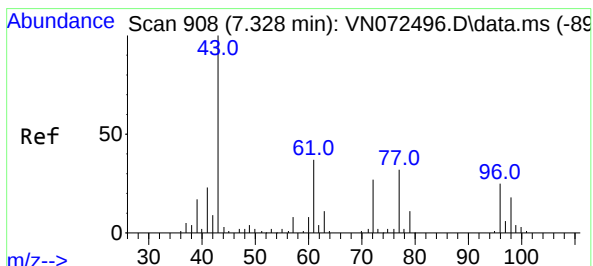
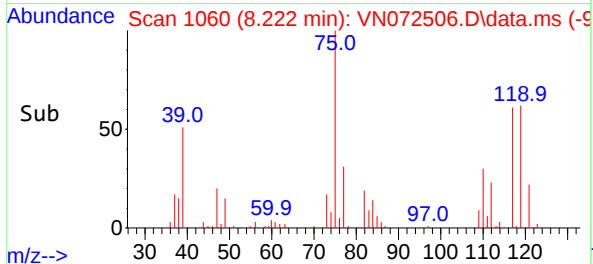
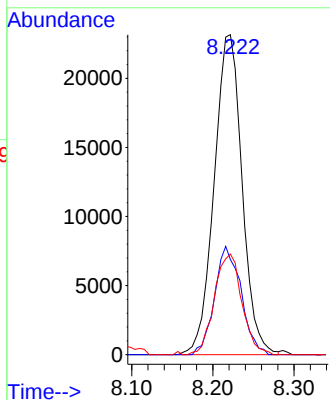
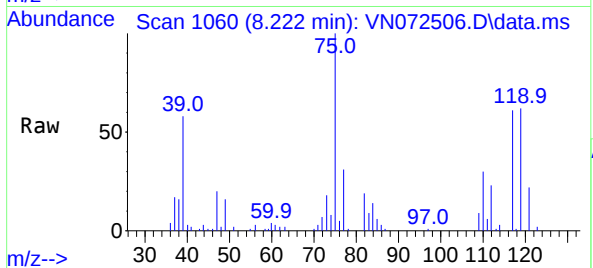
#29
1,1-Dichloropropene
Concen: 19.019 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 75 Resp: 5538
Ion Ratio Lower Upper
75 100
110 32.1 0.0 74.2
77 31.0 0.0 63.2

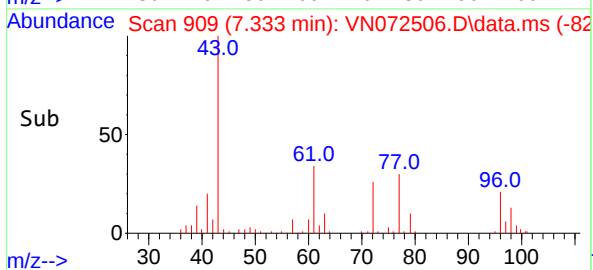
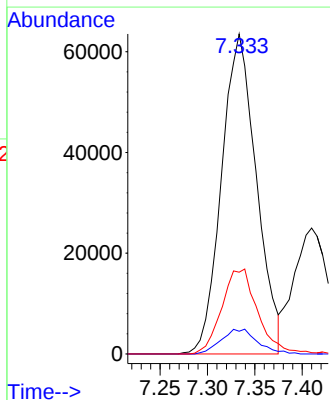
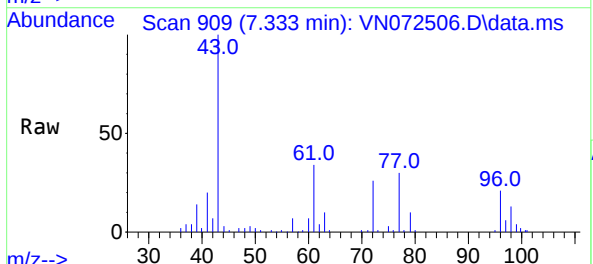
Manual Integrations
APPROVED

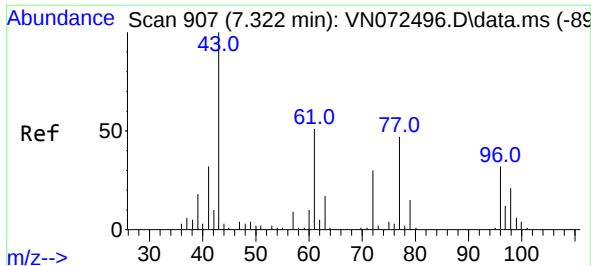
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#30
2-Butanone
Concen: 96.577 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

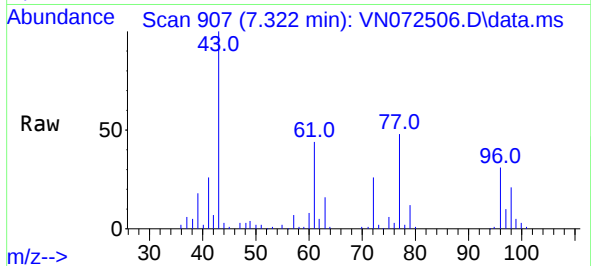
Tgt Ion: 43 Resp: 162788
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 27.4 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.115 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

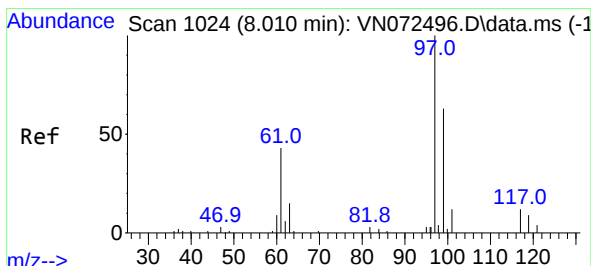
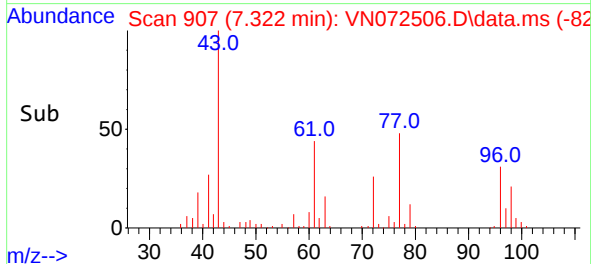
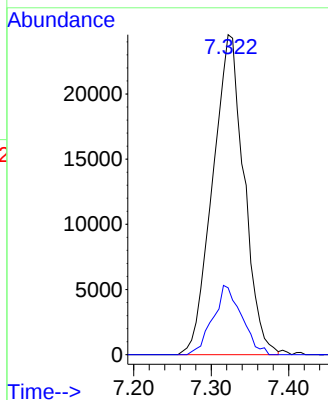
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



Tgt Ion: 77 Resp: 69064
Ion Ratio Lower Upper
77 100
97 19.6 18.3 27.5

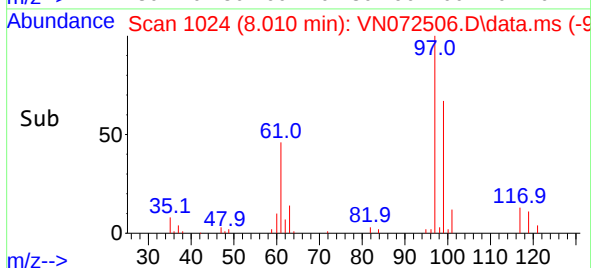
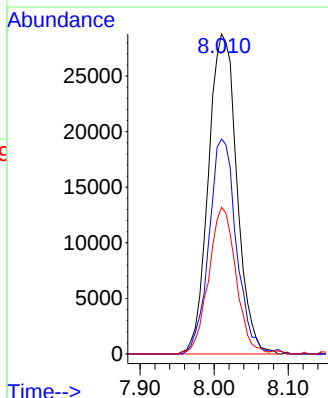
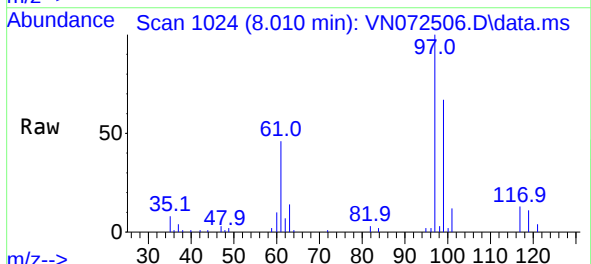
Manual Integrations
APPROVED

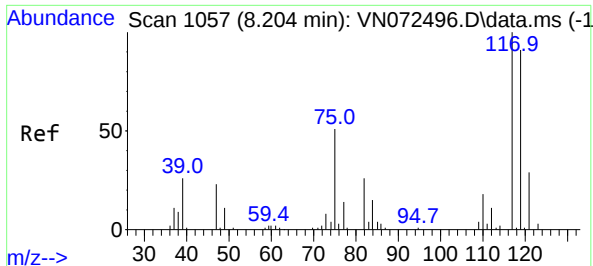
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#32
1,1,1-Trichloroethane
Concen: 18.517 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

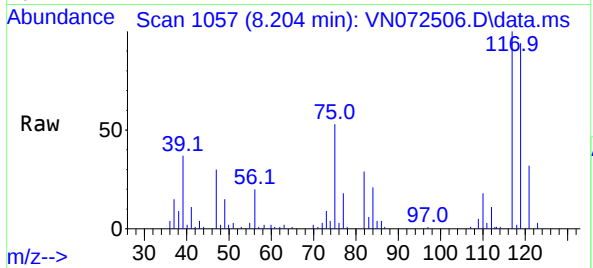
Tgt Ion: 97 Resp: 76920
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 43.8 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.961 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

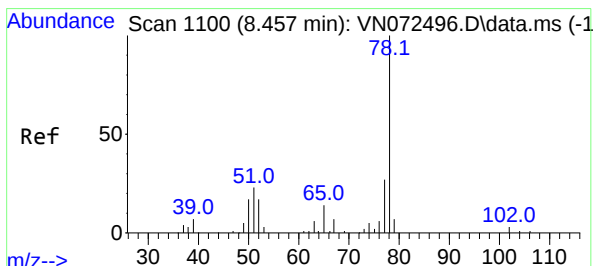
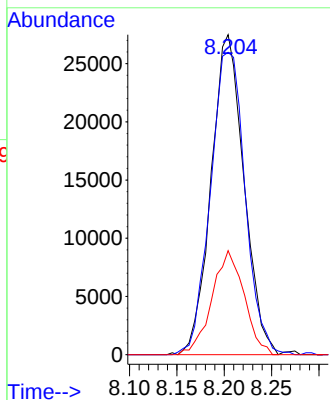
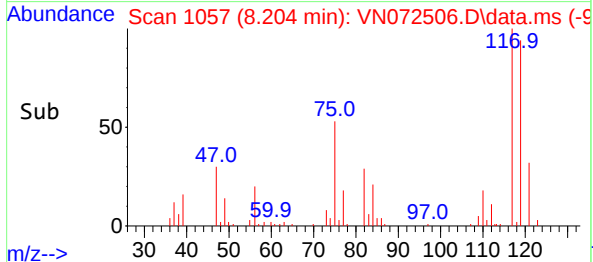
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



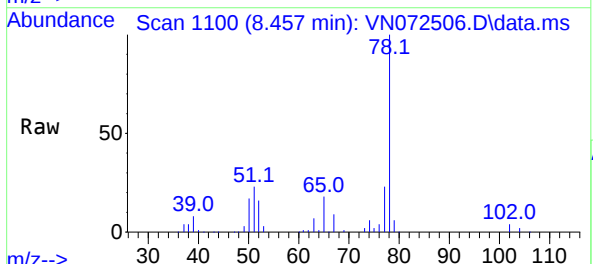
Tgt Ion:117 Resp: 6630
Ion Ratio Lower Upper
117 100
119 93.7 77.5 116.3
121 32.5 23.5 35.3

Manual Integrations
APPROVED

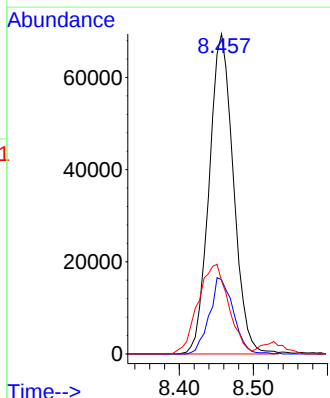
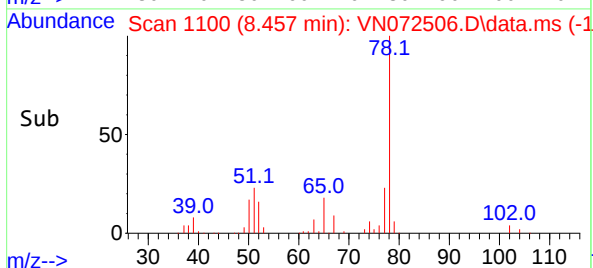
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

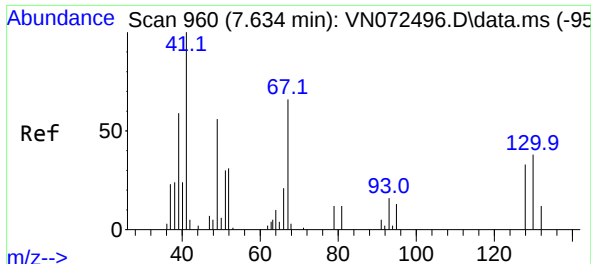


#34
Benzene
Concen: 19.068 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



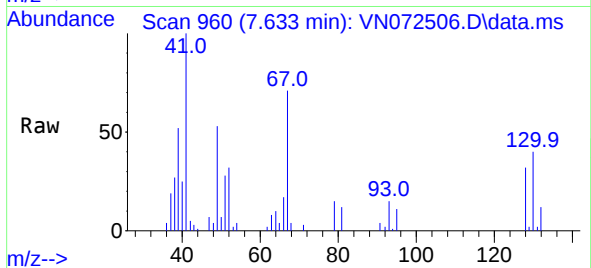
Tgt Ion: 78 Resp: 157792
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 21.6 16.0 24.0





#35
Methacrylonitrile
Concen: 18.758 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

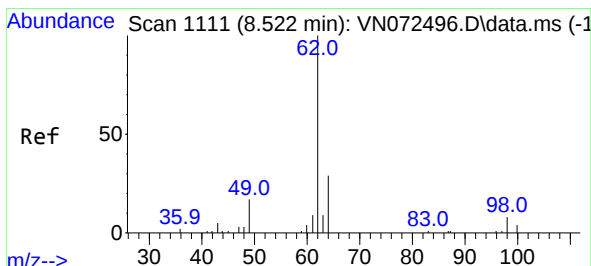
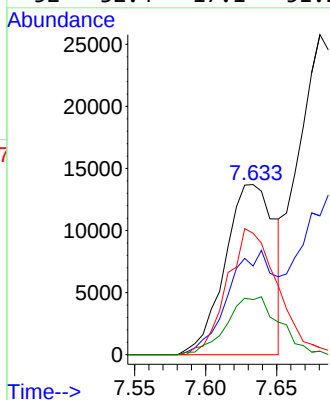
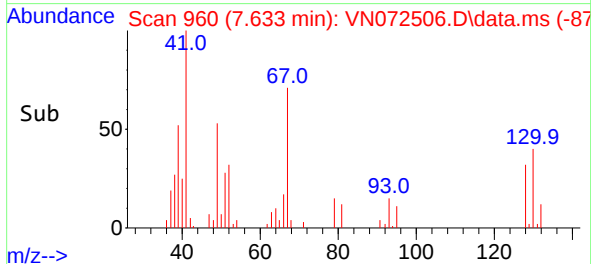
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



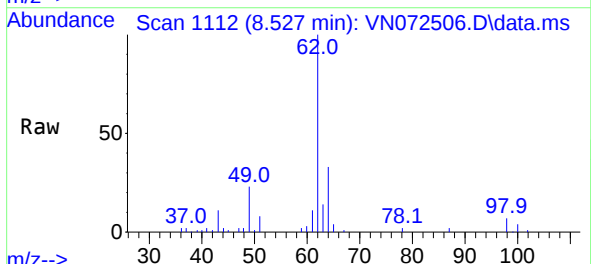
Tgt Ion: 41 Resp: 33430
Ion Ratio Lower Upper
41 100
39 52.1 28.0 83.9
67 71.5 37.7 113.1
52 32.4 17.1 51.2

Manual Integrations
APPROVED

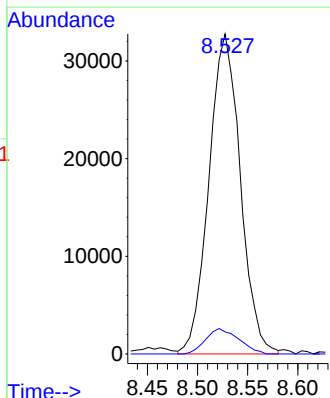
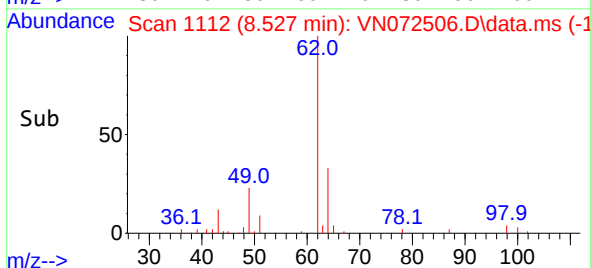
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

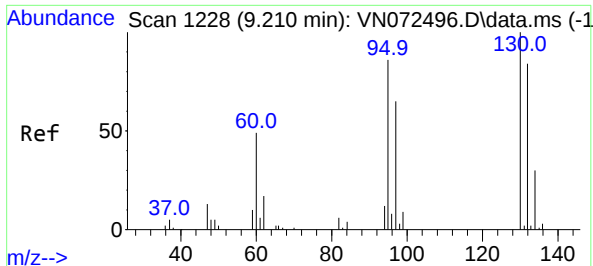


#36
1,2-Dichloroethane
Concen: 18.533 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



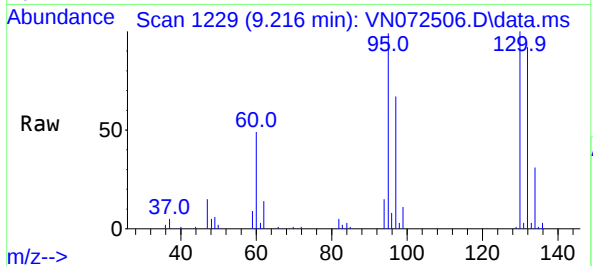
Tgt Ion: 62 Resp: 71423
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0





#37
Trichloroethene
Concen: 18.818 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

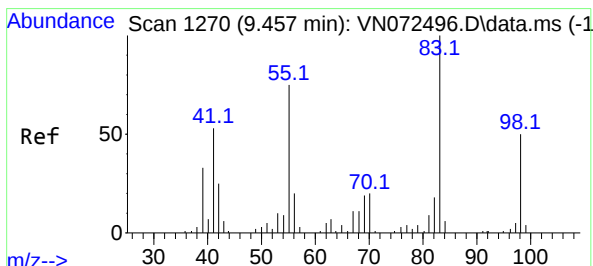
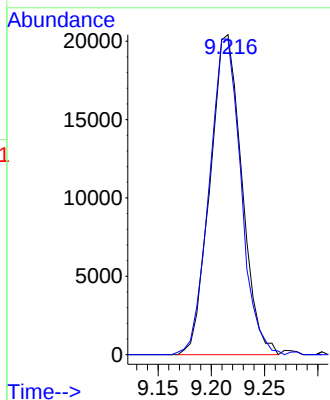
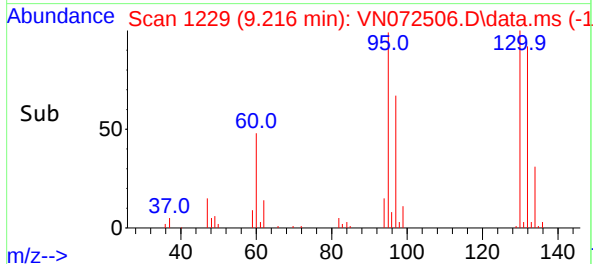
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



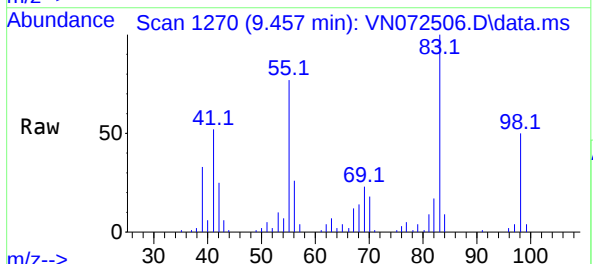
Tgt Ion:130 Resp: 4224
Ion Ratio Lower Upper
130 100
95 97.8 76.6 115.0

Manual Integrations
APPROVED

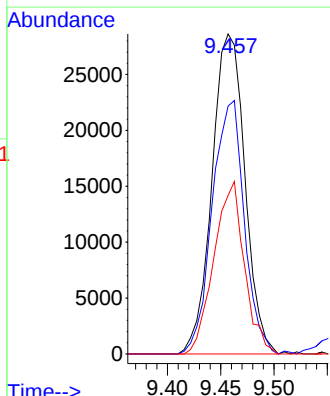
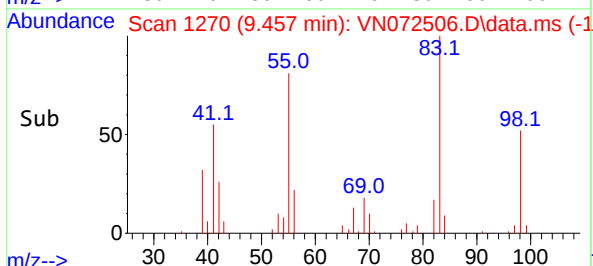
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

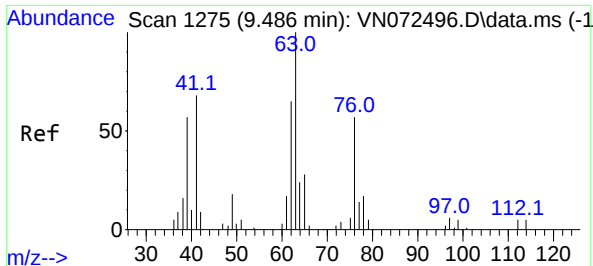


#38
Methylcyclohexane
Concen: 18.278 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion: 83 Resp: 61544
Ion Ratio Lower Upper
83 100
55 77.1 35.1 105.3
98 49.8 23.4 70.2





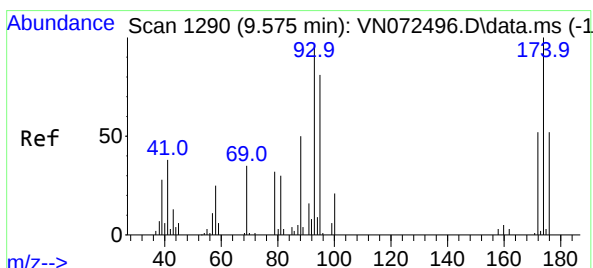
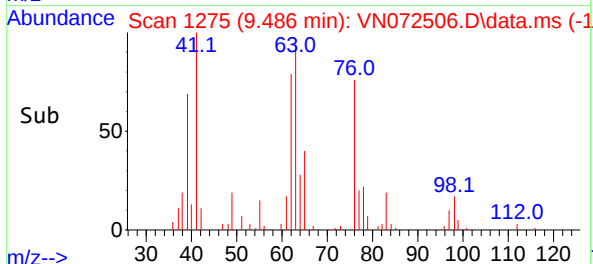
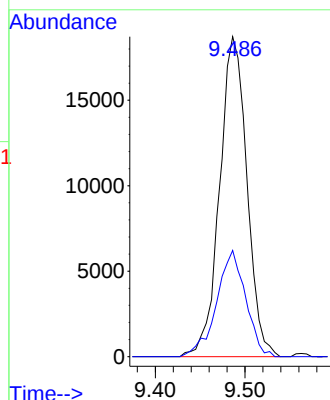
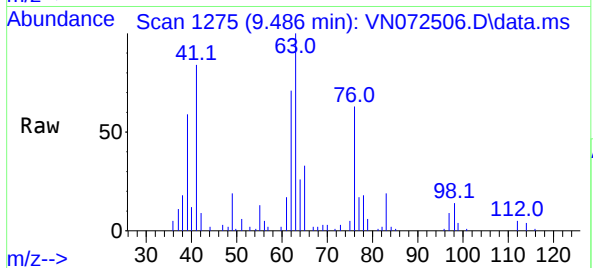
#39
1,2-Dichloropropane
Concen: 18.982 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 63 Resp: 3956
Ion Ratio Lower Upper
63 100
65 33.2 24.2 36.4

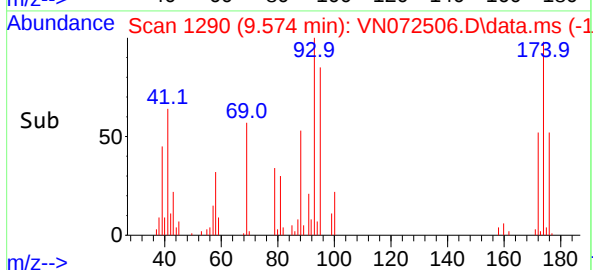
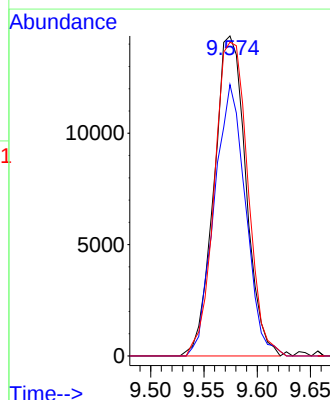
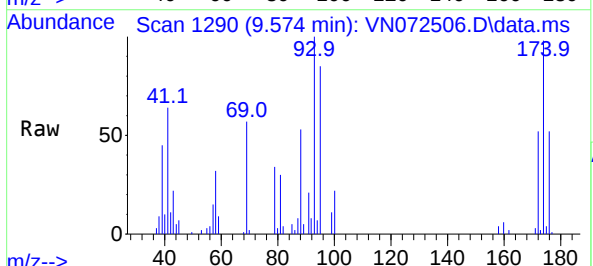
Manual Integrations
APPROVED

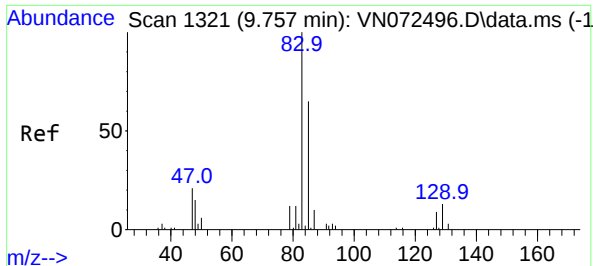
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#40
Dibromomethane
Concen: 18.593 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 93 Resp: 29918
Ion Ratio Lower Upper
93 100
95 83.2 0.0 168.8
174 102.1 0.0 173.6





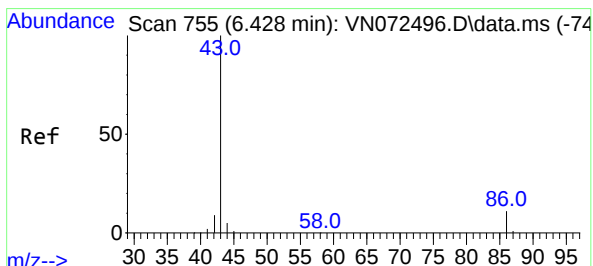
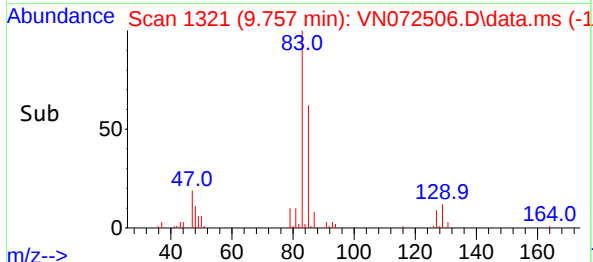
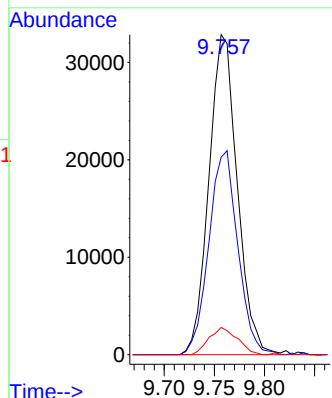
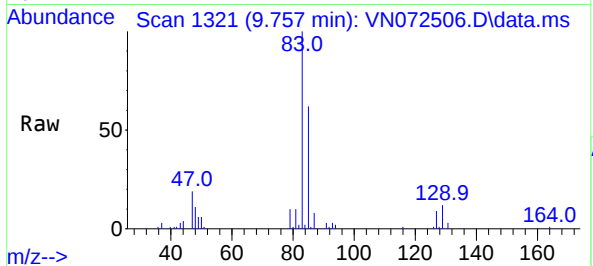
#41
Bromodichloromethane
Concen: 18.968 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 83 Resp: 64664
Ion Ratio Lower Upper
83 100
85 61.7 54.1 81.1
127 8.5 7.6 11.4

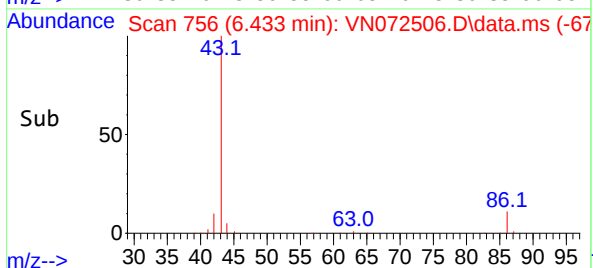
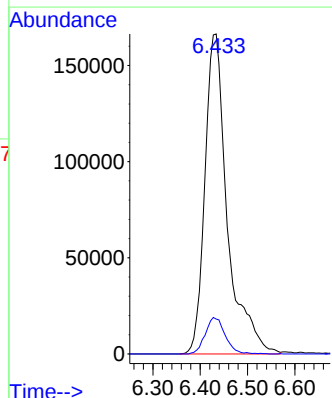
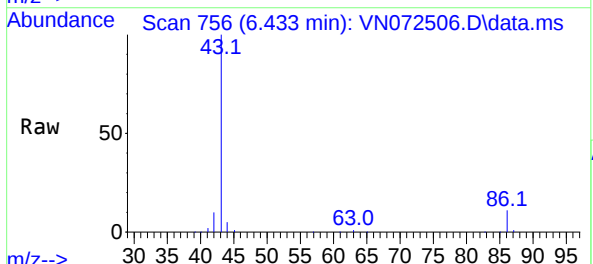
Manual Integrations
APPROVED

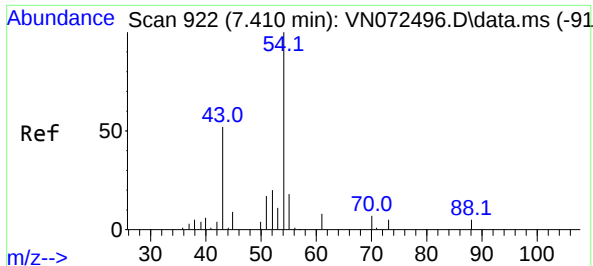
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#42
Vinyl Acetate
Concen: 96.834 ug/l
RT: 6.433 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 43 Resp: 549369
Ion Ratio Lower Upper
43 100
86 10.0 7.5 11.3





#43

Ethyl Acetate

Concen: 20.555 ug/l

RT: 7.410 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 43 Resp: 67662

Ion Ratio Lower Upper

43 100

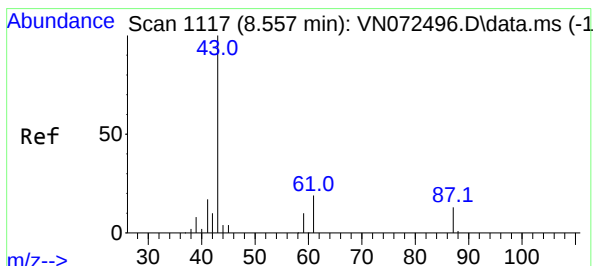
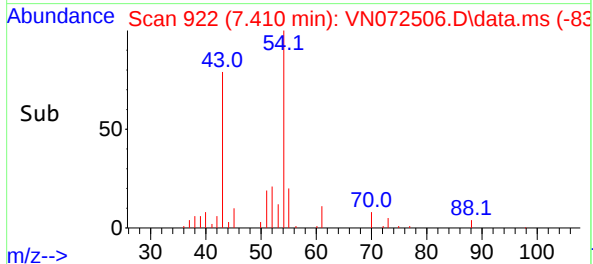
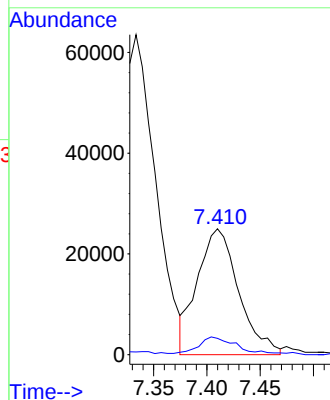
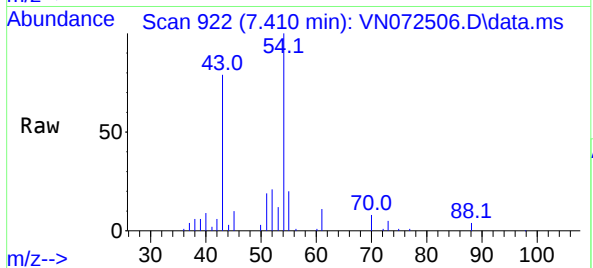
45 12.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#44

Isopropyl Acetate

Concen: 18.938 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN072506.D

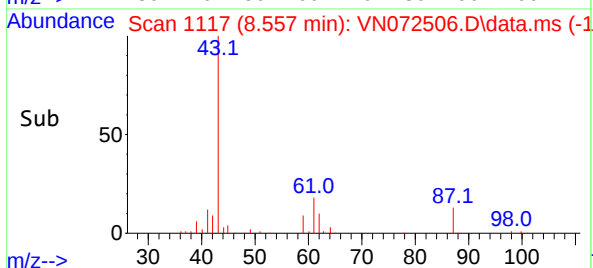
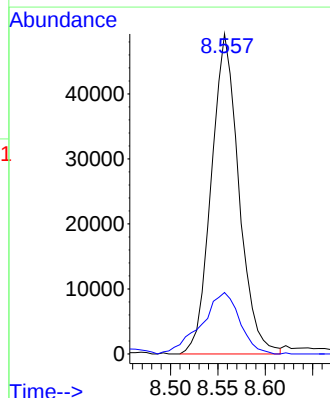
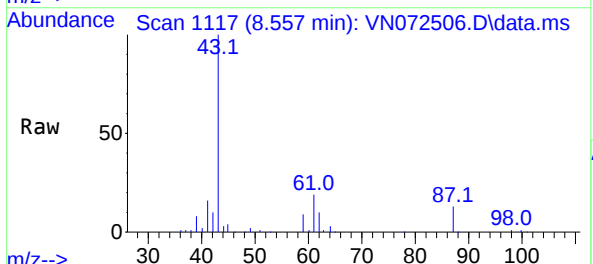
Acq: 16 May 2022 17:20

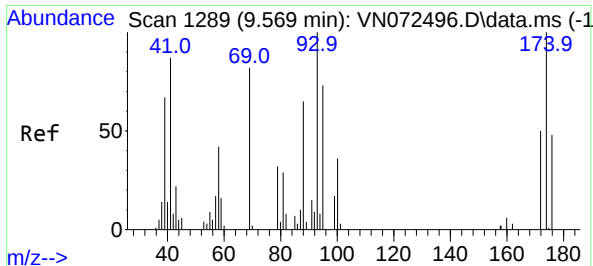
Tgt Ion: 43 Resp: 99789

Ion Ratio Lower Upper

43 100

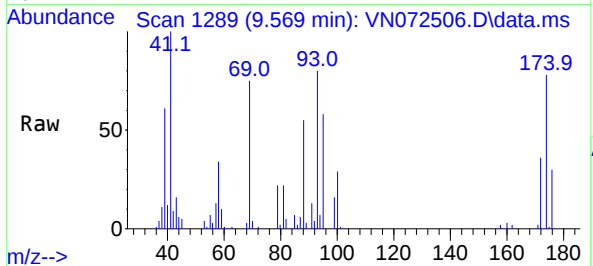
61 26.6 20.1 30.1





#45
1,4-Dioxane
Concen: 376.114 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

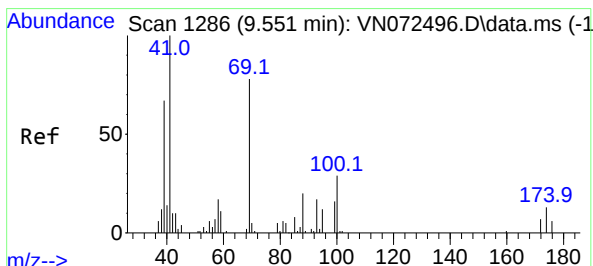
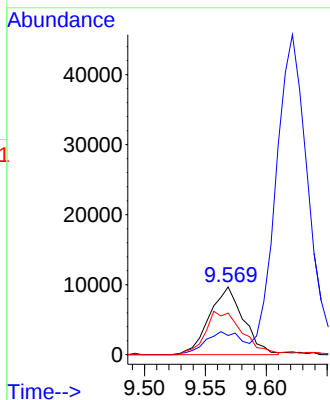
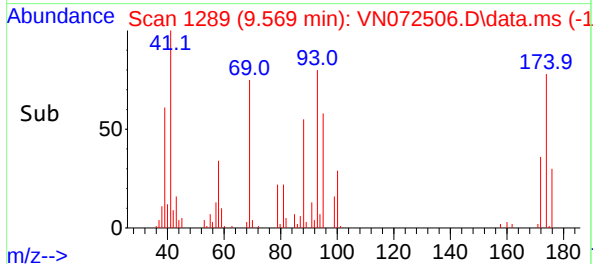
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



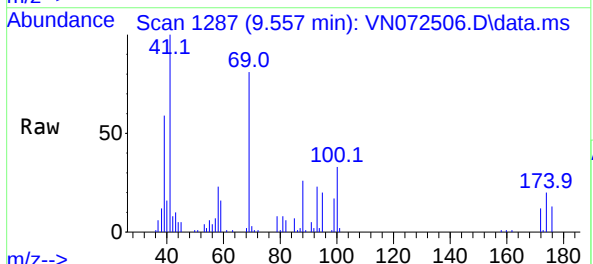
Tgt Ion: 88 Resp: 18870
Ion Ratio Lower Upper
88 100
43 36.7 25.0 37.6
58 68.9 49.4 74.2

Manual Integrations
APPROVED

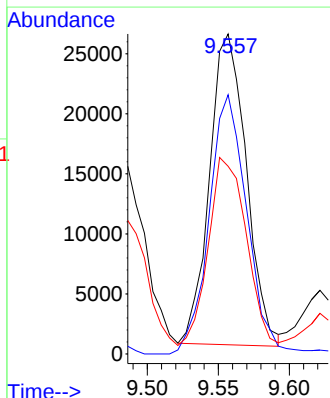
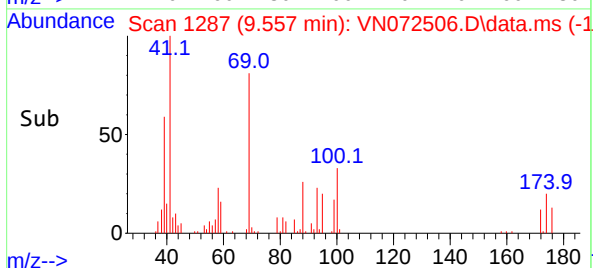
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

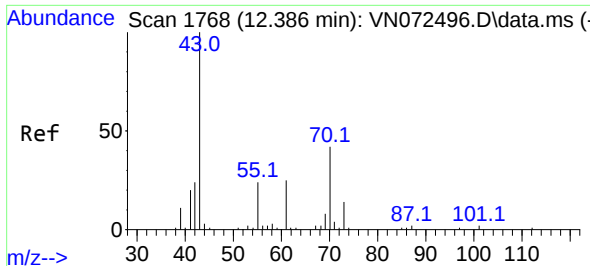


#46
Methyl methacrylate
Concen: 18.705 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



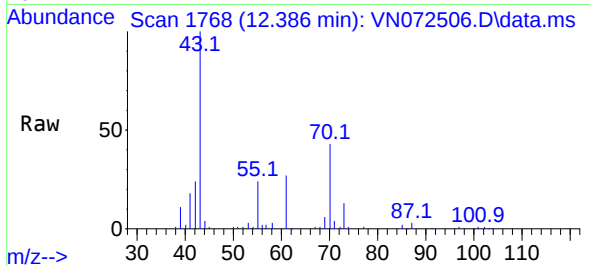
Tgt Ion: 41 Resp: 46638
Ion Ratio Lower Upper
41 100
69 82.6 44.4 133.2
39 58.0 39.9 119.6





#47
n-amy1 Acetate
Concen: 18.920 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

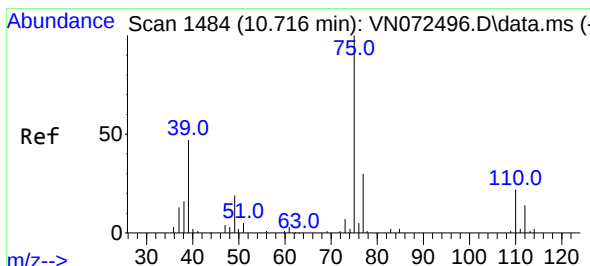
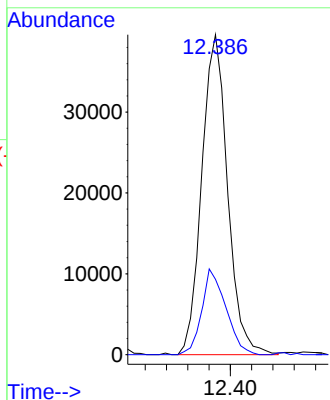
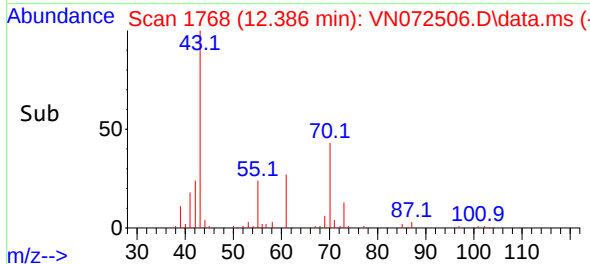
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



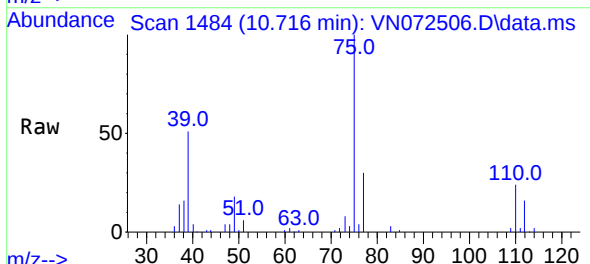
Tgt Ion: 43 Resp: 66739
Ion Ratio Lower Upper
43 100
55 25.0 19.0 28.6

Manual Integrations
APPROVED

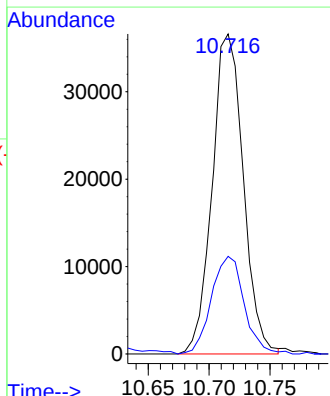
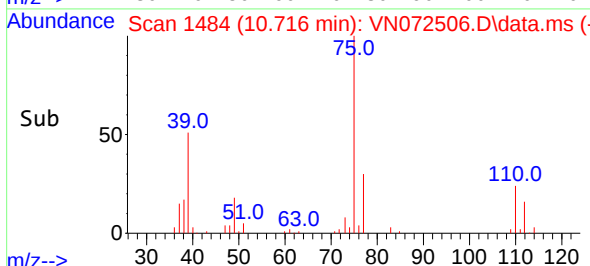
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

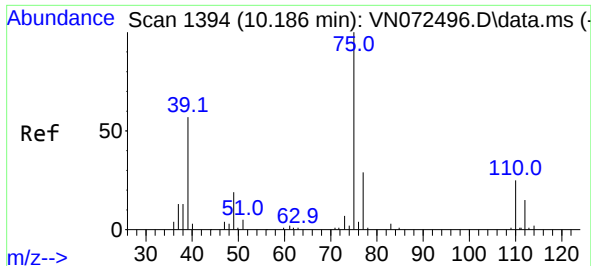


#48
t-1,3-Dichloropropene
Concen: 18.062 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion: 75 Resp: 65003
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.381 ug/l

RT: 10.186 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 75 Resp: 66670

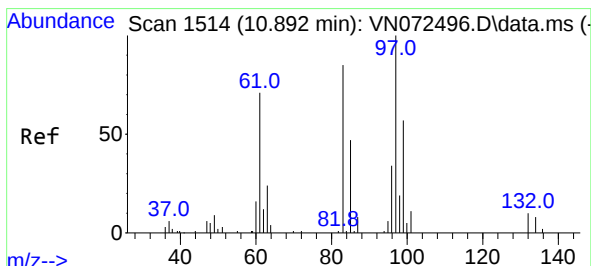
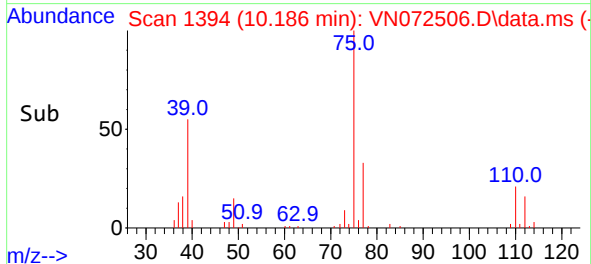
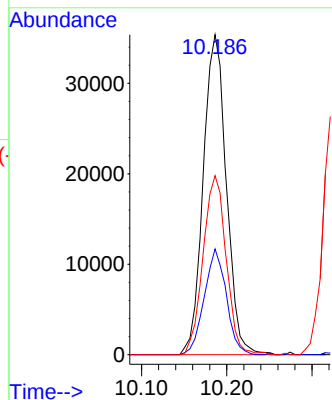
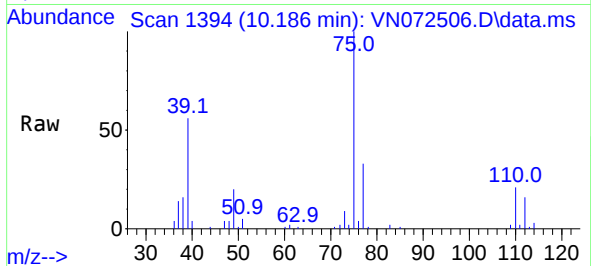
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.3	37.9
39	56.0	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#50

1,1,2-Trichloroethane

Concen: 19.143 ug/l

RT: 10.892 min Scan# 1514

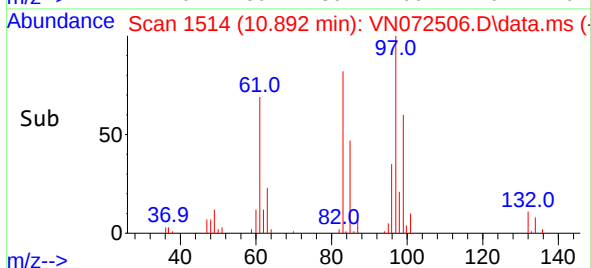
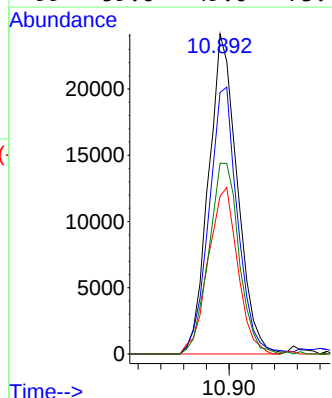
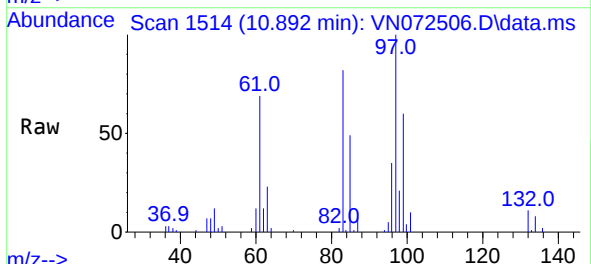
Delta R.T. -0.000 min

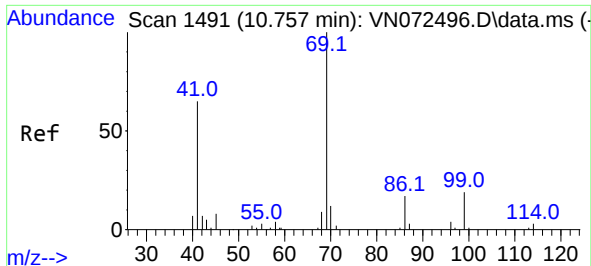
Lab File: VN072506.D

Acq: 16 May 2022 17:20

Tgt Ion: 97 Resp: 42487

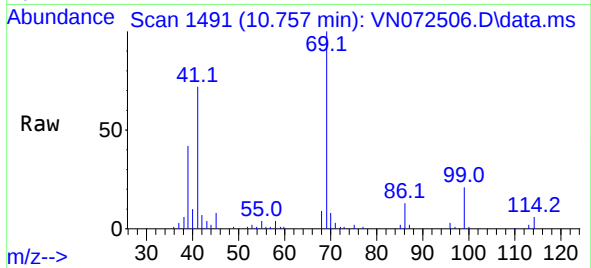
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.2	100.8
85	49.3	43.0	64.4
99	59.6	49.0	73.4





#51
Ethyl methacrylate
Concen: 18.858 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

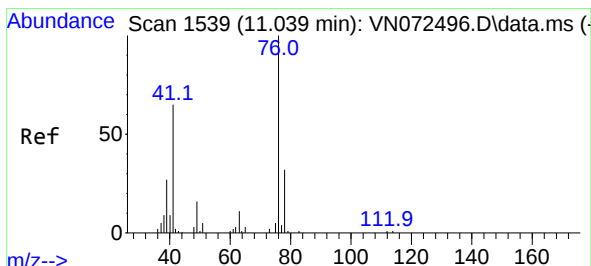
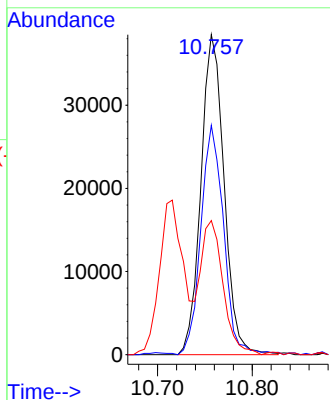
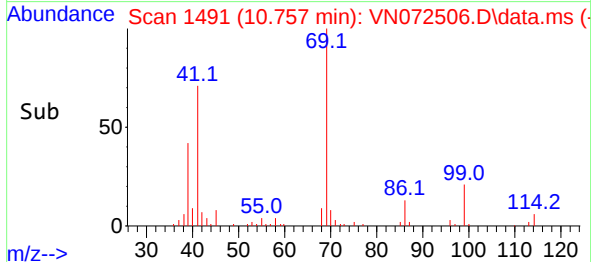
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



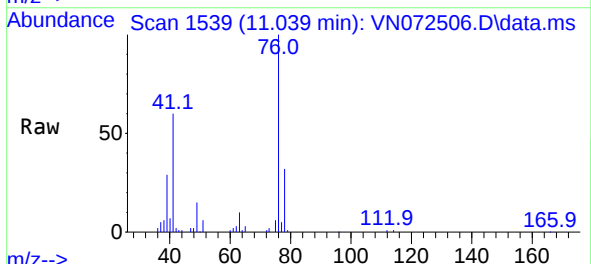
Tgt Ion: 69 Resp: 65268
Ion Ratio Lower Upper
69 100
41 71.6 33.0 98.9
39 41.2 25.4 76.4

Manual Integrations
APPROVED

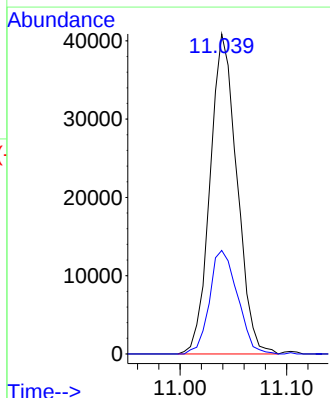
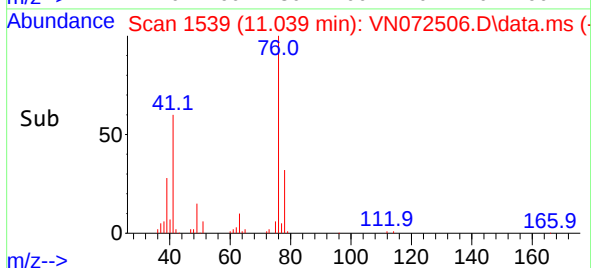
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

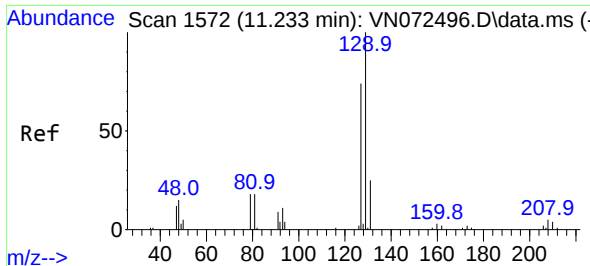


#52
1,3-Dichloropropane
Concen: 18.669 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



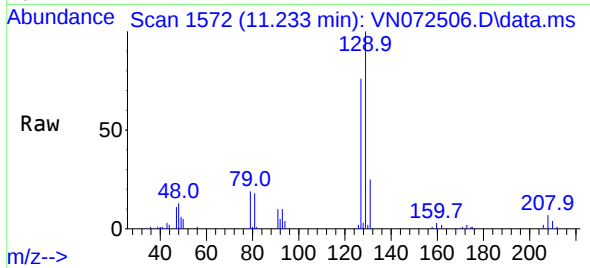
Tgt Ion: 76 Resp: 71590
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.4





#53
Dibromochloromethane
Concen: 18.284 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

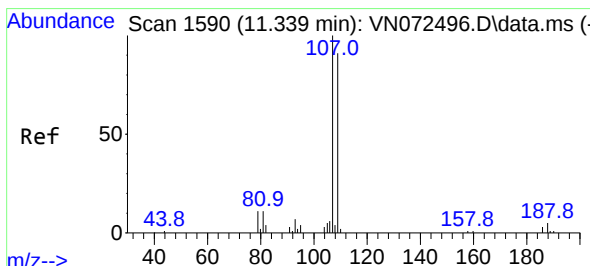
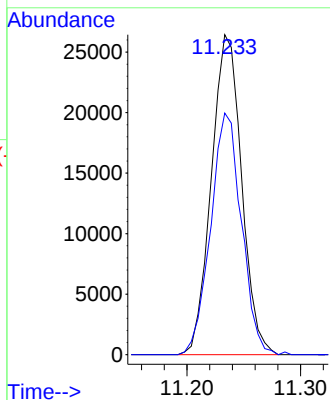
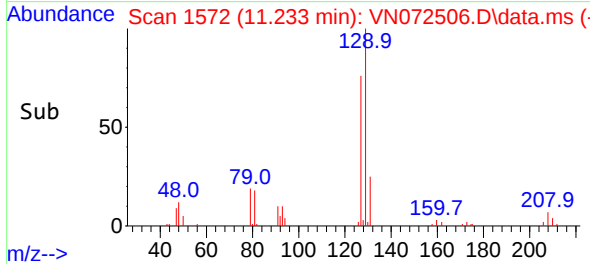
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



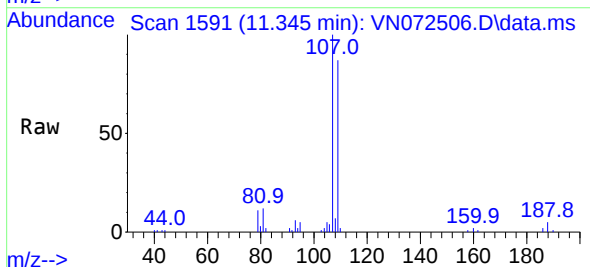
Tgt Ion:129 Resp: 48999
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

Manual Integrations
APPROVED

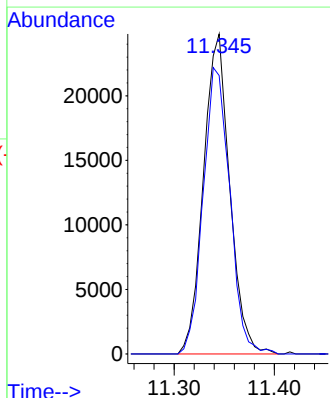
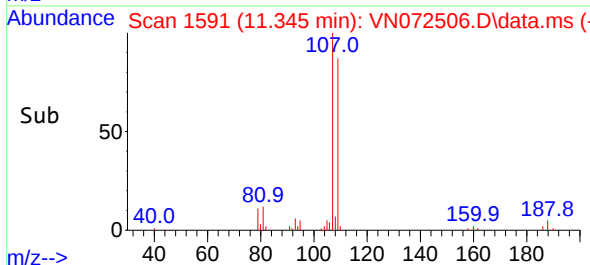
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

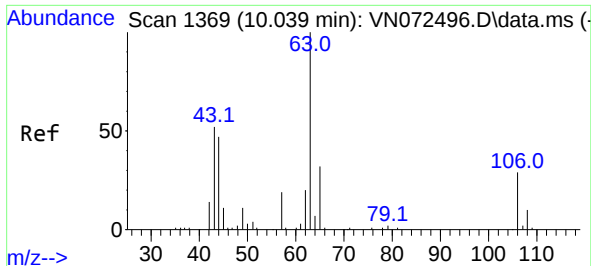


#54
1,2-Dibromoethane
Concen: 19.121 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion:107 Resp: 45144
Ion Ratio Lower Upper
107 100
109 90.4 72.8 109.2





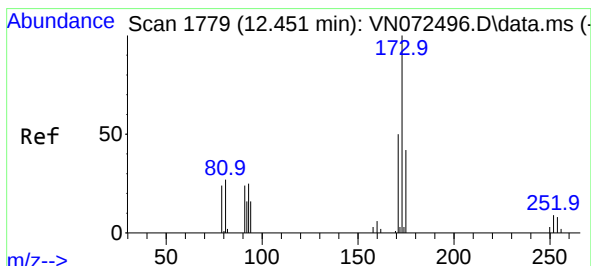
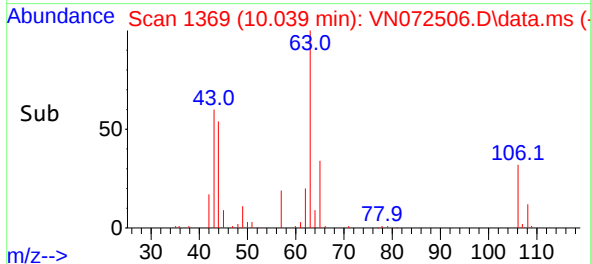
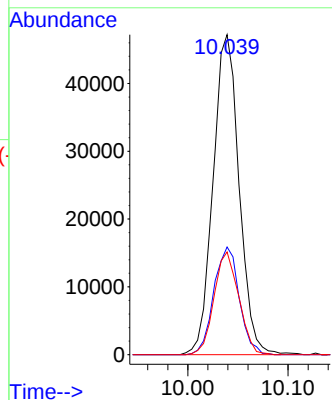
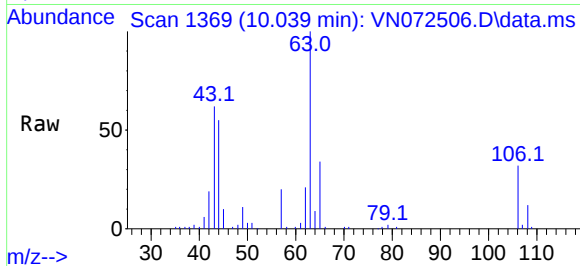
#55
2-Chloroethyl vinyl ether
Concen: 96.544 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 63 Resp: 84780
Ion Ratio Lower Upper
63 100
65 32.9 25.4 38.0
106 30.6 23.2 34.8

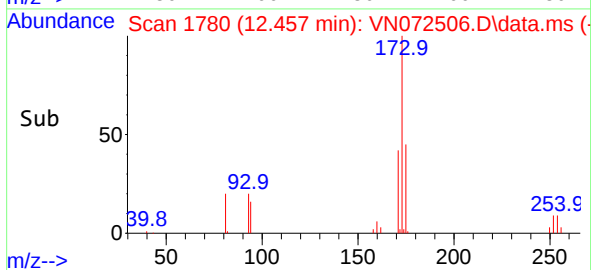
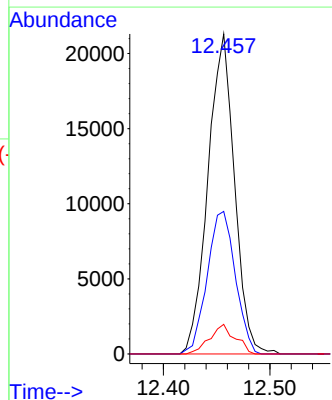
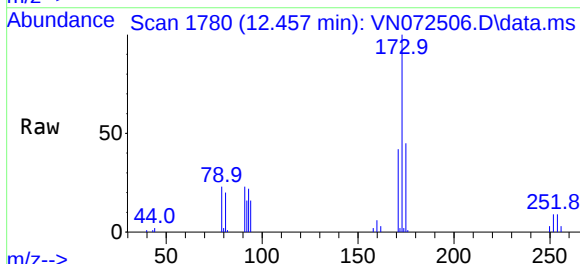
Manual Integrations
APPROVED

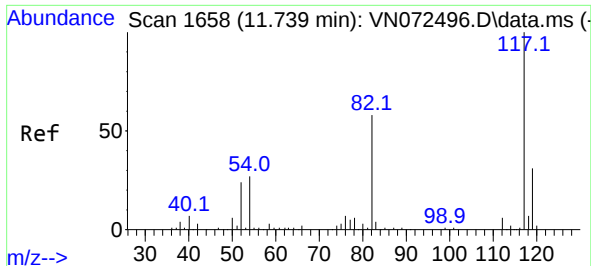
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#56
Bromoform
Concen: 18.266 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:173 Resp: 36916
Ion Ratio Lower Upper
173 100
175 47.2 38.6 58.0
254 8.9 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: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 117 Resp: 13499

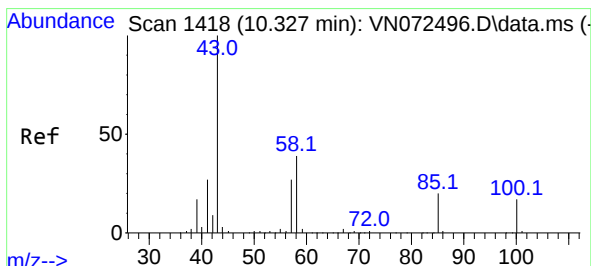
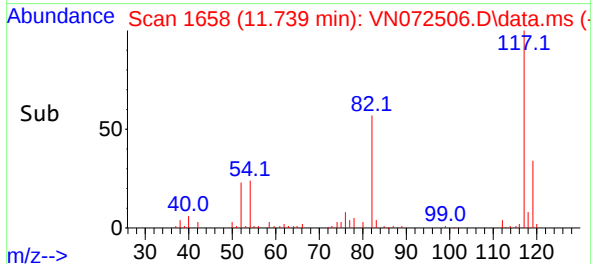
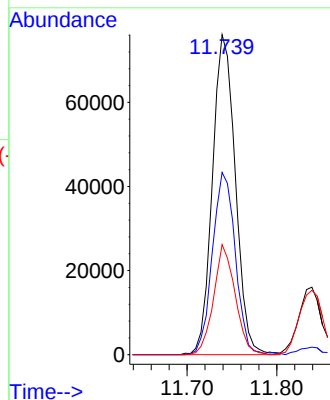
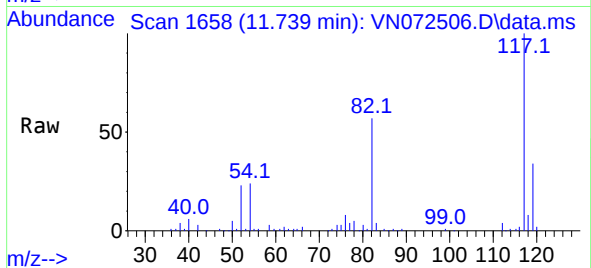
Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.6	65.4
119	32.4	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#58

4-Methyl-2-Pentanone

Concen: 102.667 ug/l

RT: 10.327 min Scan# 1418

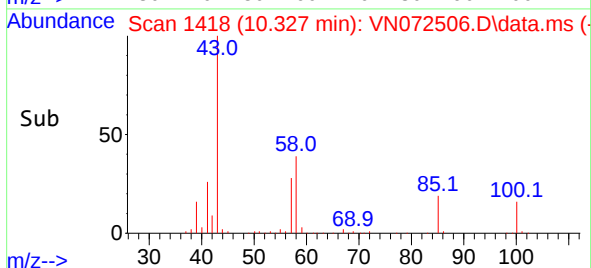
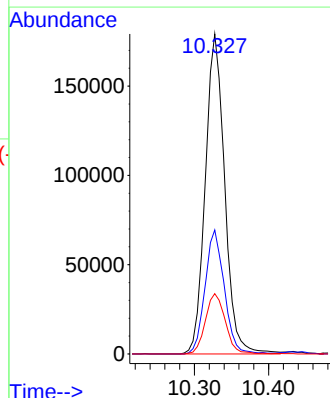
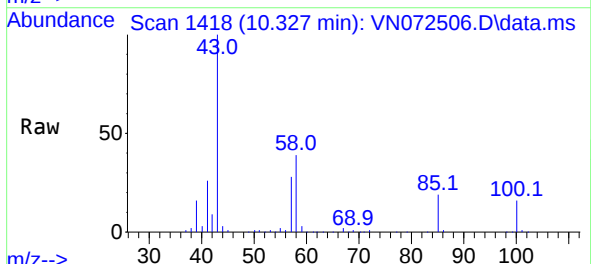
Delta R.T. -0.000 min

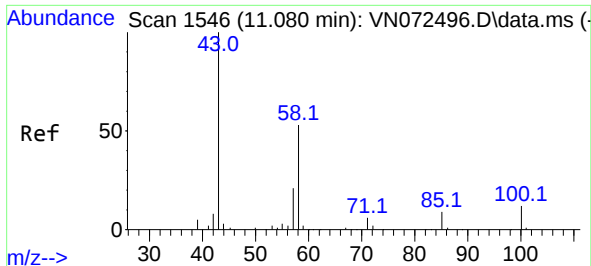
Lab File: VN072506.D

Acq: 16 May 2022 17:20

Tgt Ion: 43 Resp: 326585

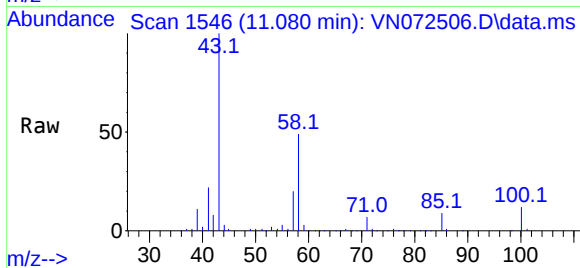
Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0
85	19.3	15.0	22.6





#59
2-Hexanone
Concen: 101.986 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

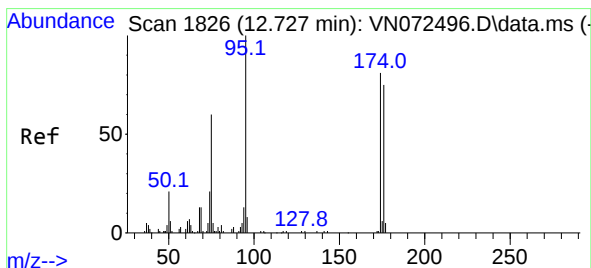
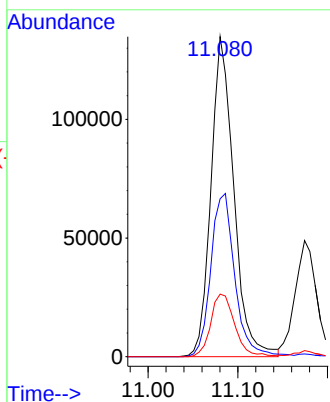
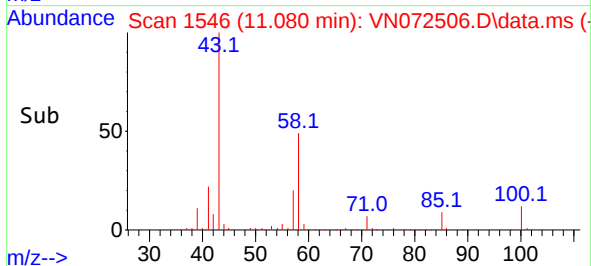
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



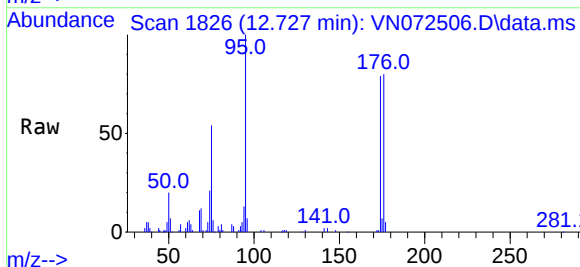
Tgt Ion: 43 Resp: 238328
Ion Ratio Lower Upper
43 100
58 53.7 42.2 63.2
57 20.2 15.0 22.4

Manual Integrations
APPROVED

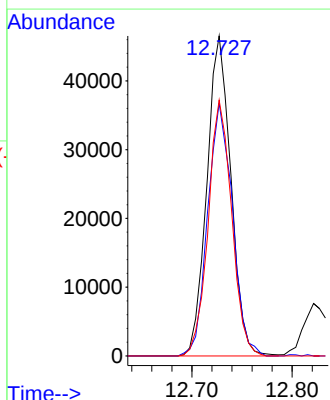
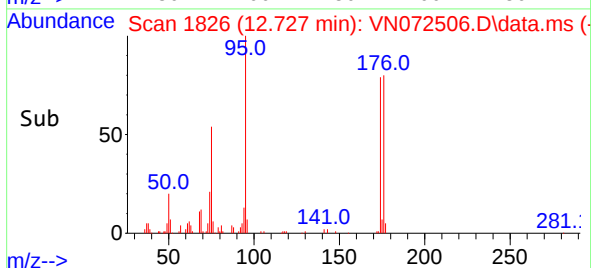
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

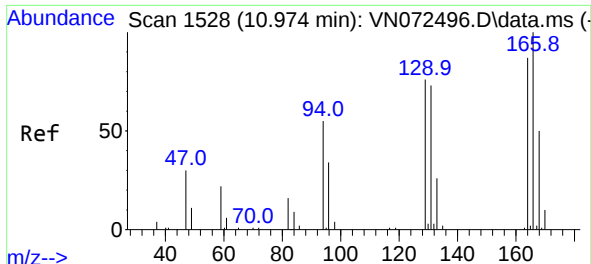


#60
4-Bromofluorobenzene
Concen: 29.446 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



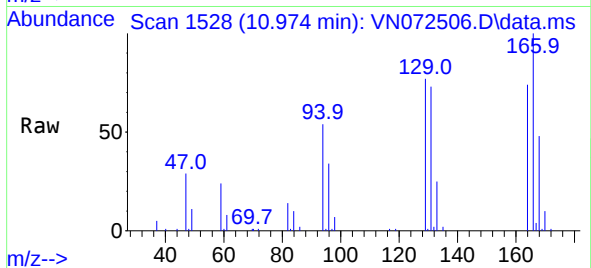
Tgt Ion: 95 Resp: 77615
Ion Ratio Lower Upper
95 100
174 81.2 62.9 94.3
176 78.1 61.0 91.4





#61
Tetrachloroethene
Concen: 19.135 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

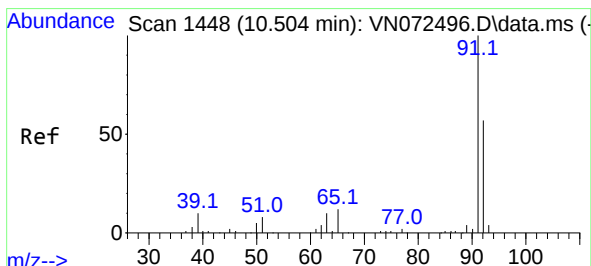
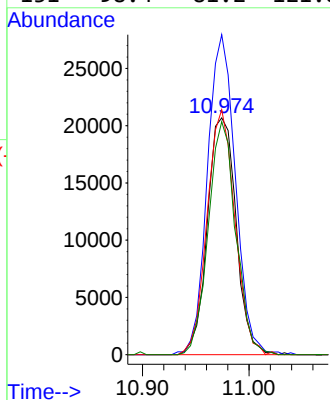
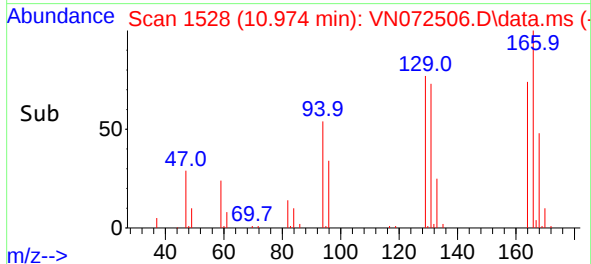
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



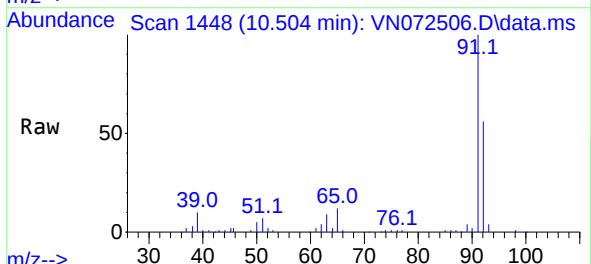
Tgt Ion:164 Resp: 3868
Ion Ratio Lower Upper
164 100
166 134.0 105.8 158.8
129 103.4 82.5 123.7
131 98.4 81.2 121.8

Manual Integrations
APPROVED

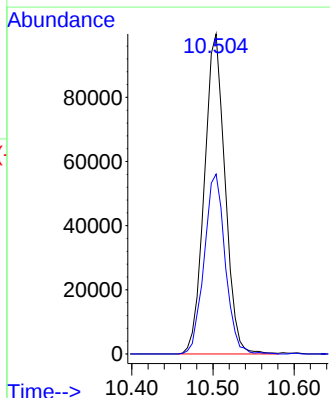
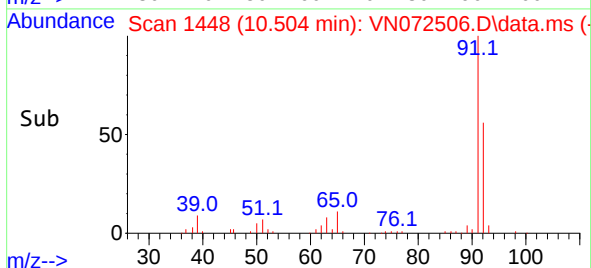
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

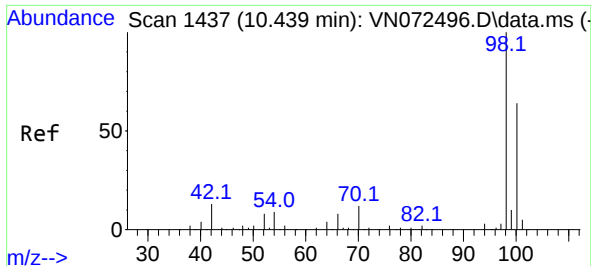


#62
Toluene
Concen: 19.365 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



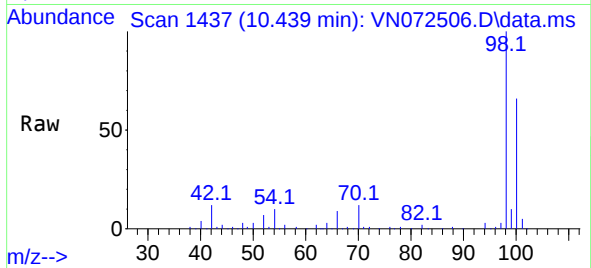
Tgt Ion: 91 Resp: 176614
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0





#63
Toluene-d8
Concen: 30.771 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

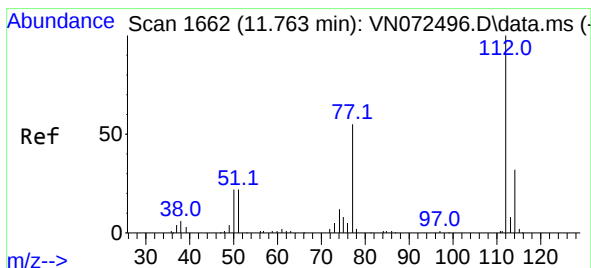
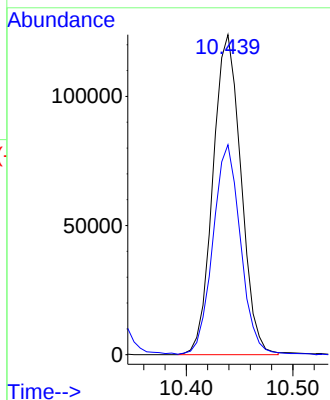
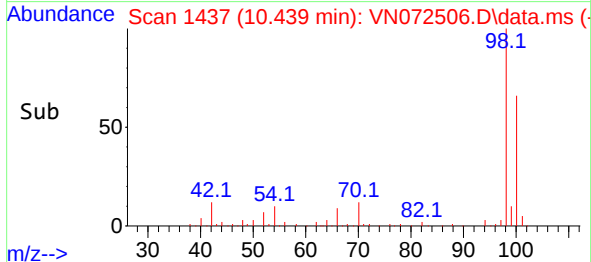
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



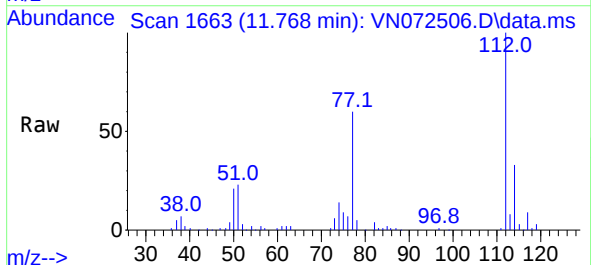
Tgt Ion: 98 Resp: 226758
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

Manual Integrations
APPROVED

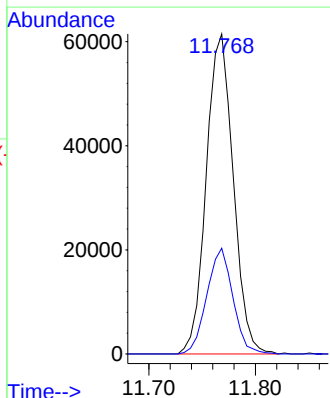
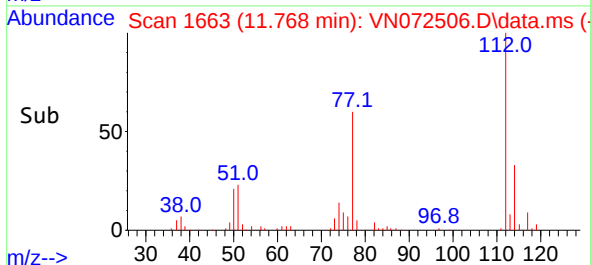
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

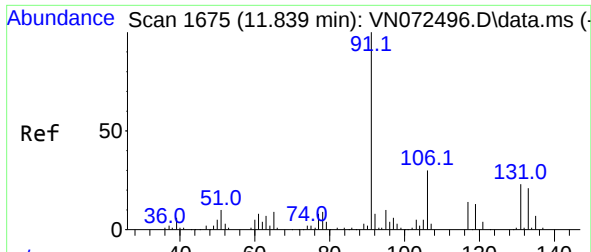


#64
Chlorobenzene
Concen: 19.008 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



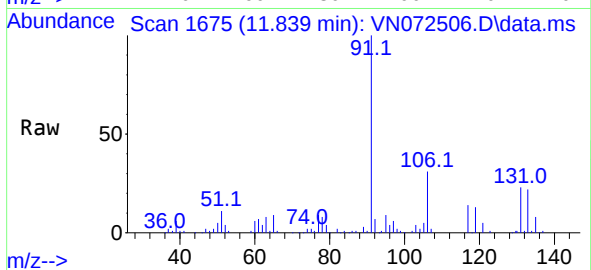
Tgt Ion:112 Resp: 108135
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.160 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

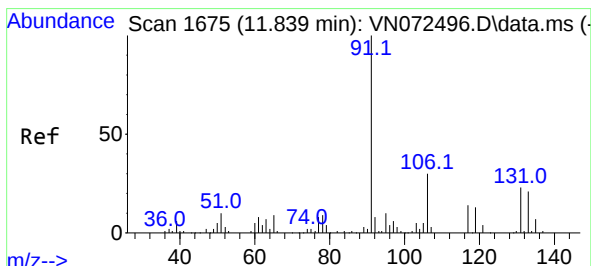
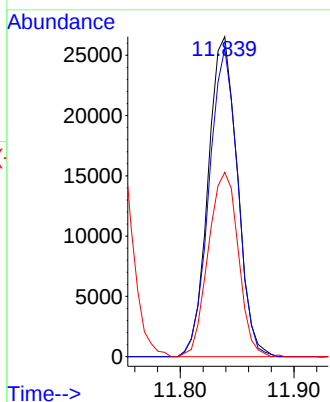
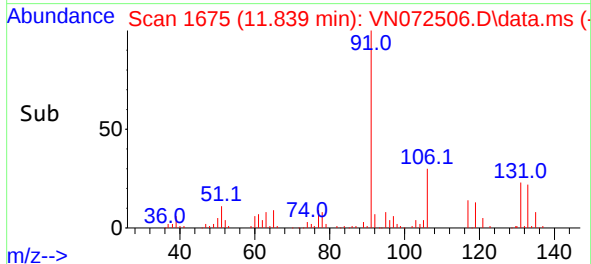
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



Tgt Ion:131 Resp: 4742
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.2
119 59.1 0.0 128.8

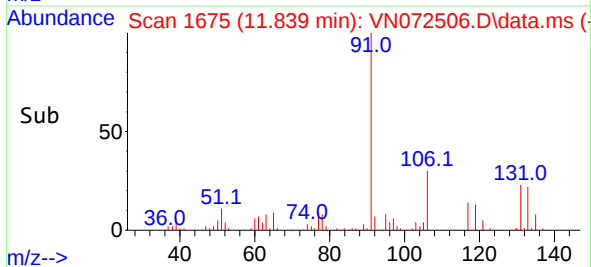
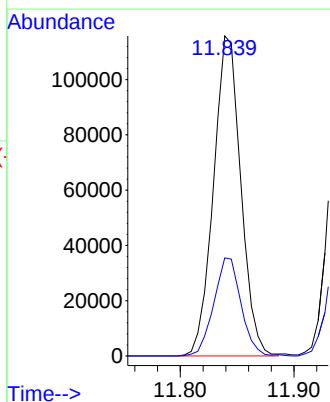
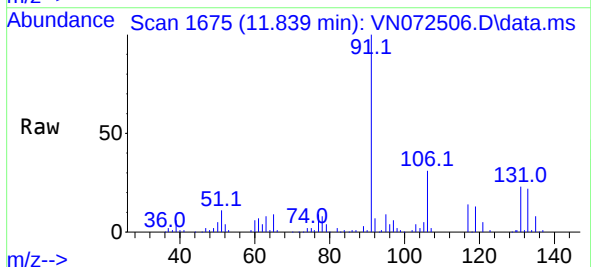
Manual Integrations
APPROVED

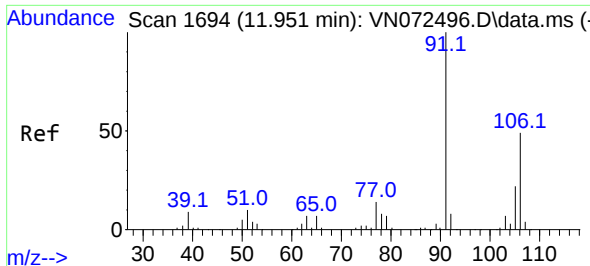
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#66
Ethyl Benzene
Concen: 18.863 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion: 91 Resp: 193497
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





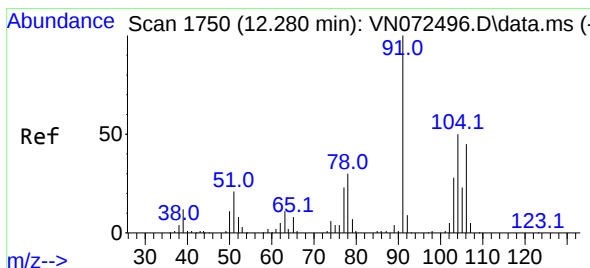
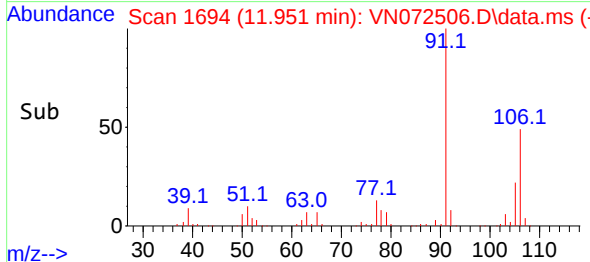
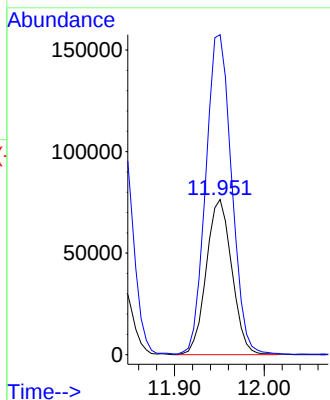
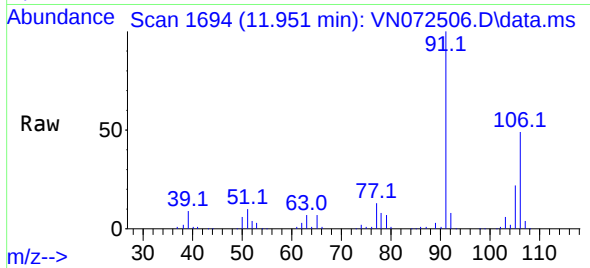
#67
m/p-Xylenes
Concen: 38.912 ug/l
RT: 11.951 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion:106 Resp: 15133
Ion Ratio Lower Upper
106 100
91 209.4 162.9 244.3

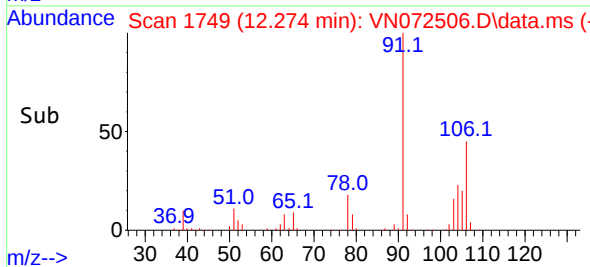
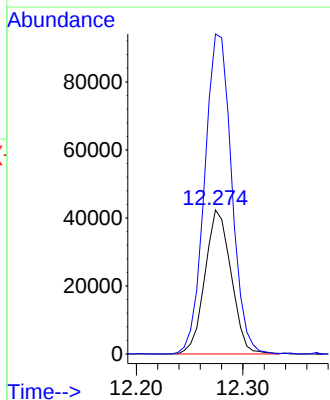
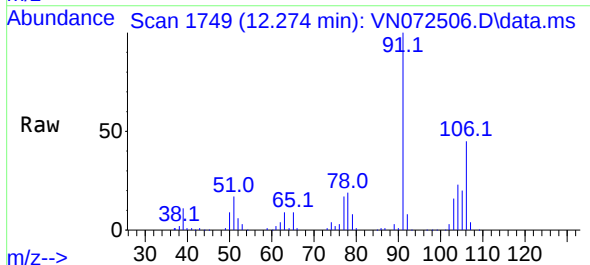
Manual Integrations
APPROVED

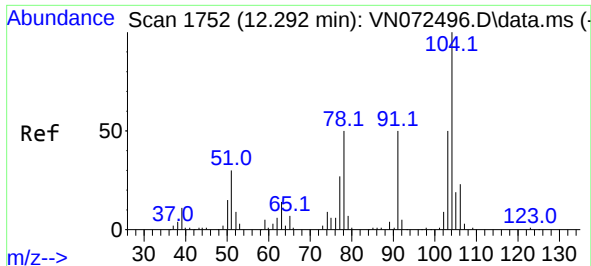
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
o-Xylene
Concen: 18.784 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:106 Resp: 72214
Ion Ratio Lower Upper
106 100
91 229.9 107.7 323.1





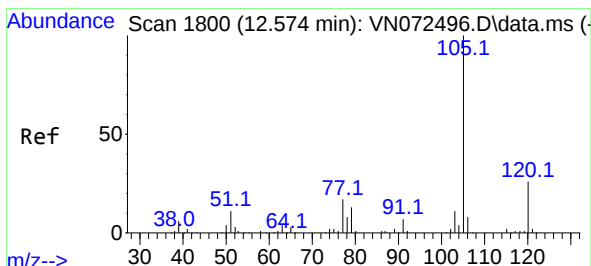
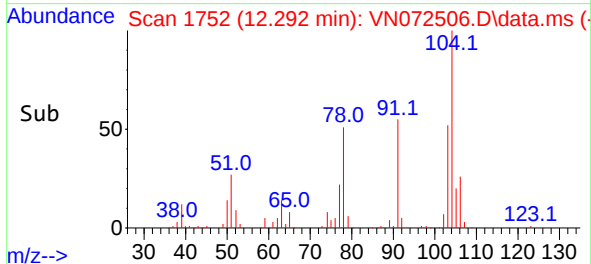
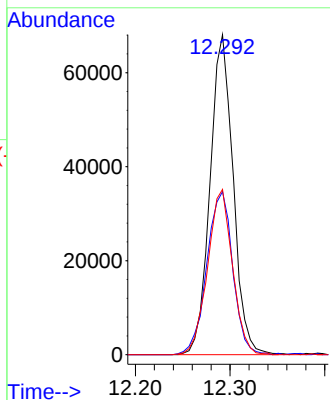
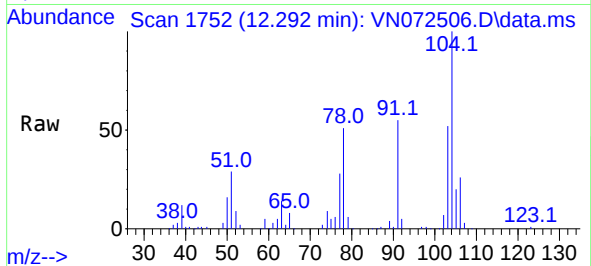
#69
Styrene
Concen: 18.875 ug/l
RT: 12.292 min Scan# 11557
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion:104 Resp: 11557
Ion Ratio Lower Upper
104 100
78 57.1 40.7 61.1
103 55.4 45.8 68.8

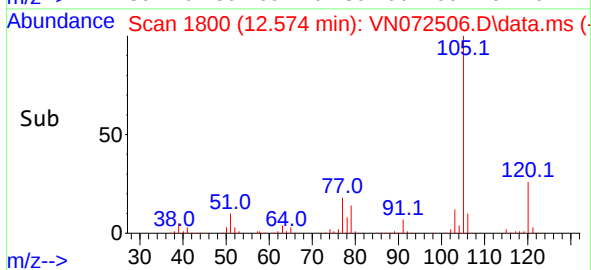
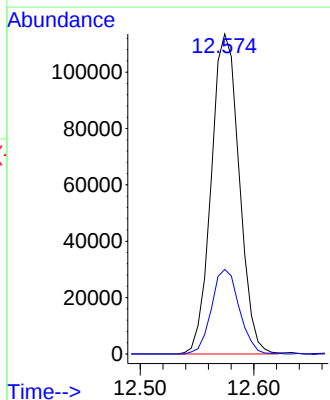
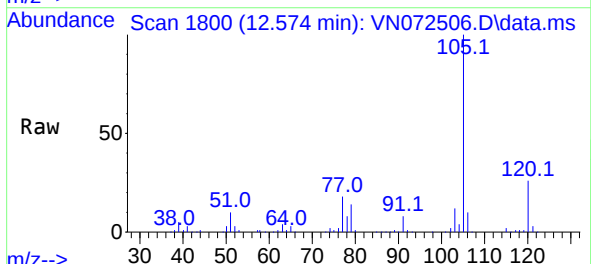
Manual Integrations
APPROVED

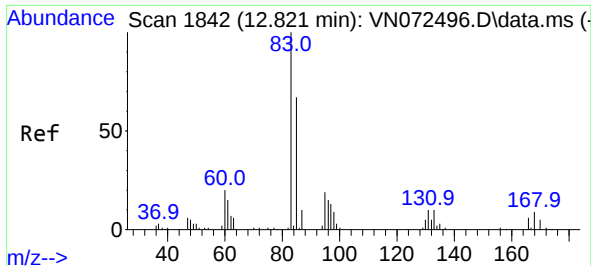
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#70
Isopropylbenzene
Concen: 19.036 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

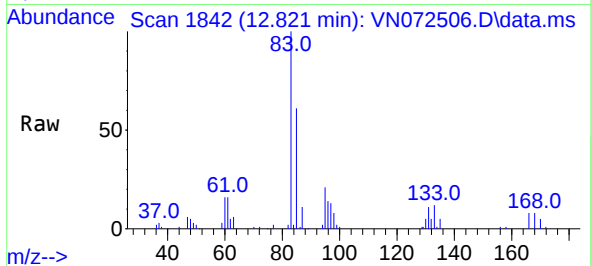
Tgt Ion:105 Resp: 194195
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.580 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

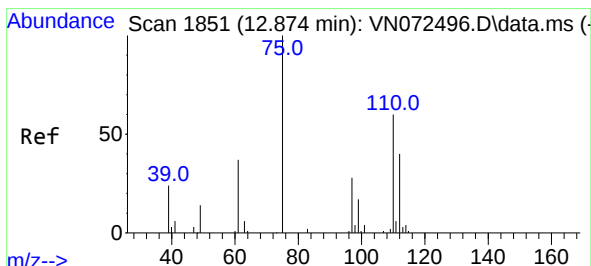
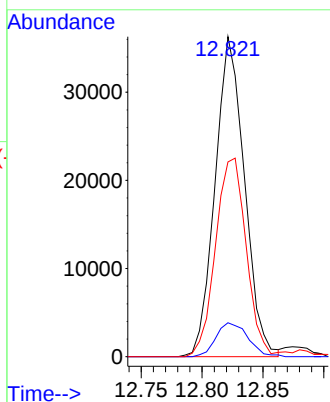
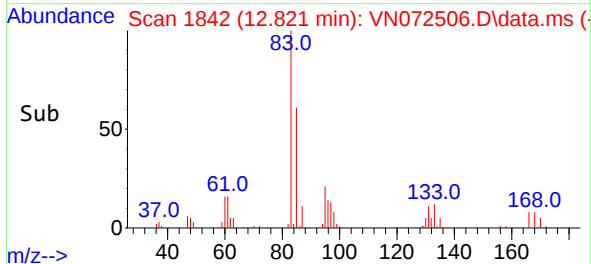
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



Tgt Ion: 83 Resp: 6099
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.3
85 64.5 33.1 99.2

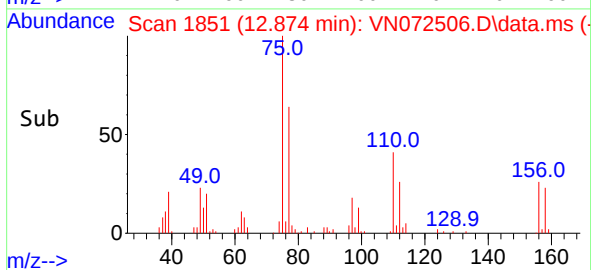
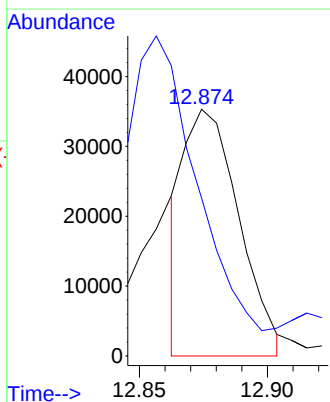
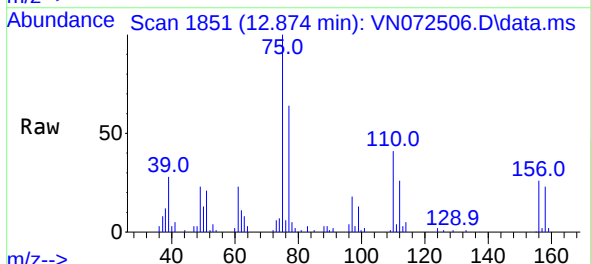
Manual Integrations
APPROVED

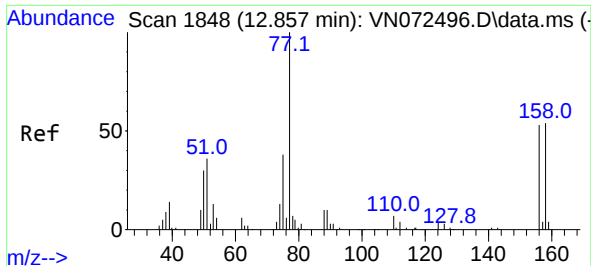
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#72
1,2,3-Trichloropropane
Concen: 18.117 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

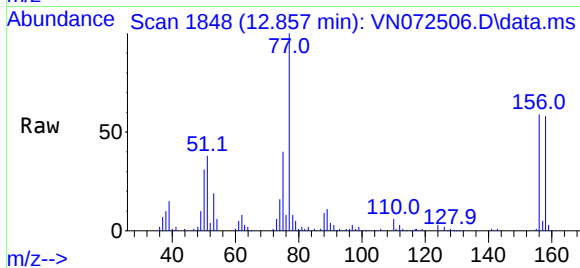
Tgt Ion: 75 Resp: 52935
Ion Ratio Lower Upper
75 100
77 180.1 0.0 378.0





#73
Bromobenzene
Concen: 19.208 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

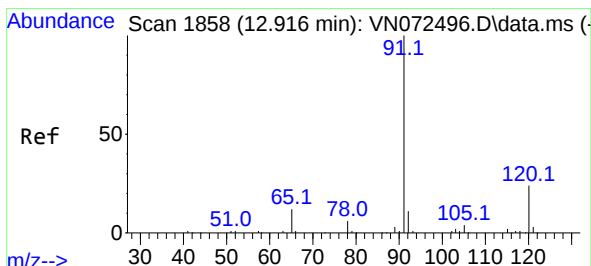
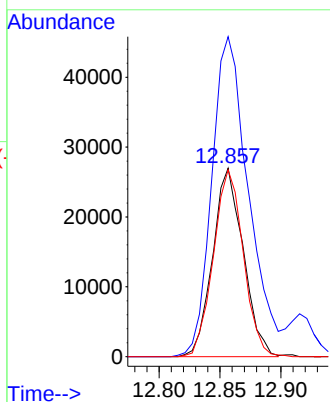
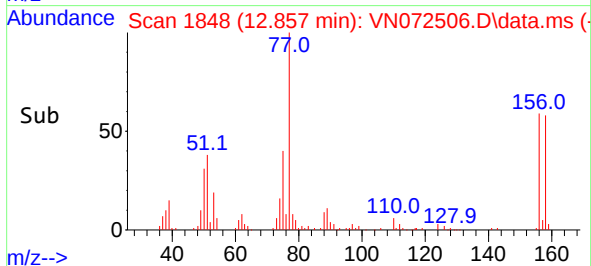
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



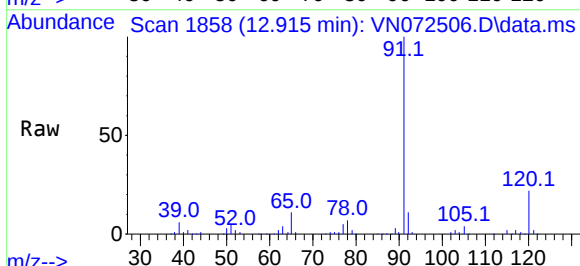
Tgt Ion:156 Resp: 47158
Ion Ratio Lower Upper
156 100
77 202.1 0.0 416.0
158 97.0 0.0 195.4

Manual Integrations
APPROVED

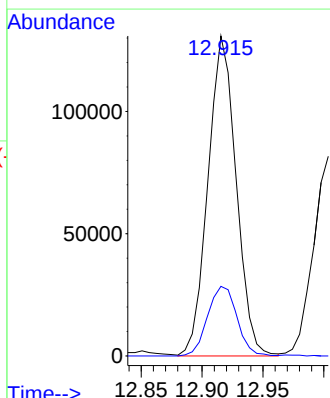
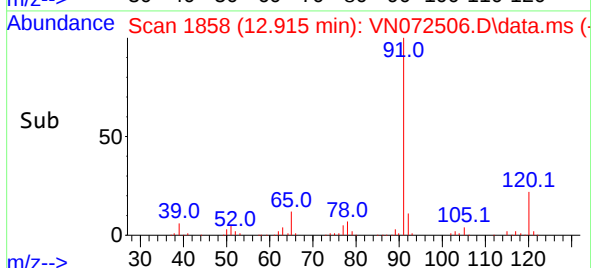
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

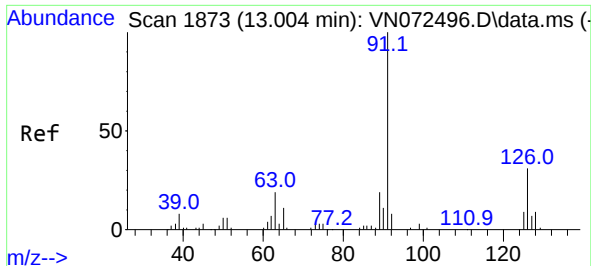


#74
n-propylbenzene
Concen: 18.857 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion: 91 Resp: 210582
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.0





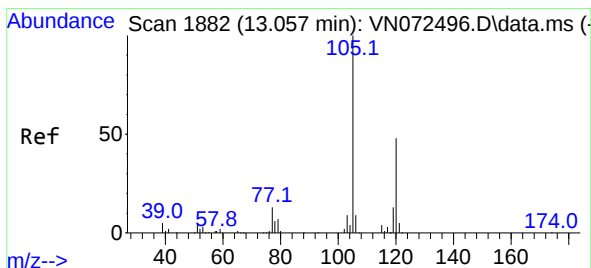
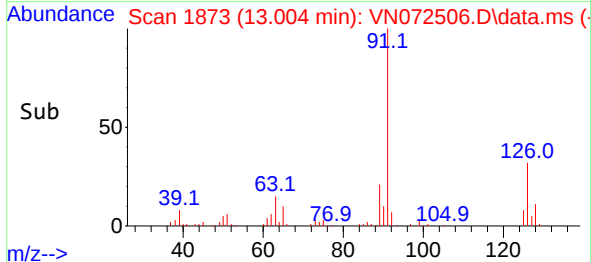
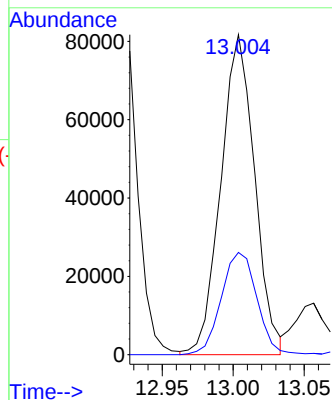
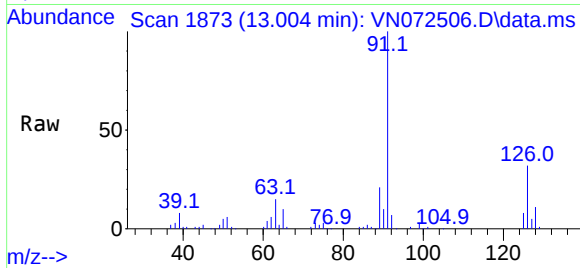
#75
2-Chlorotoluene
Concen: 18.745 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 91 Resp: 135250
Ion Ratio Lower Upper
91 100
126 33.8 0.0 69.8

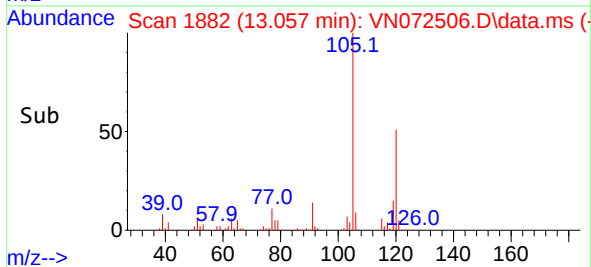
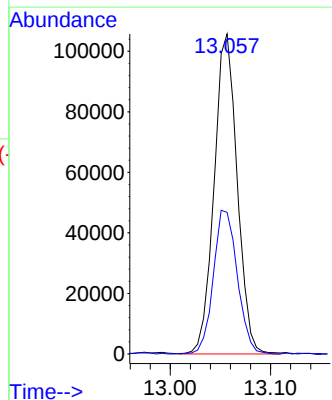
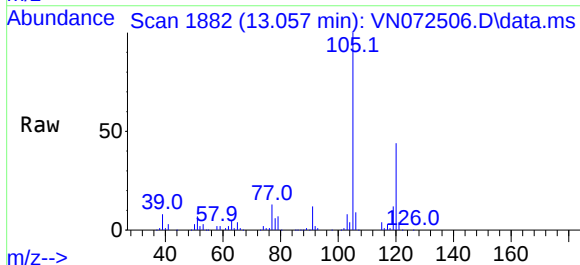
Manual Integrations
APPROVED

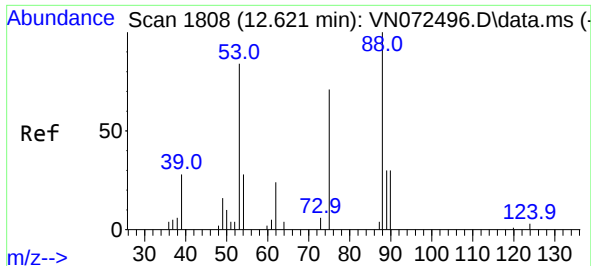
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.327 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

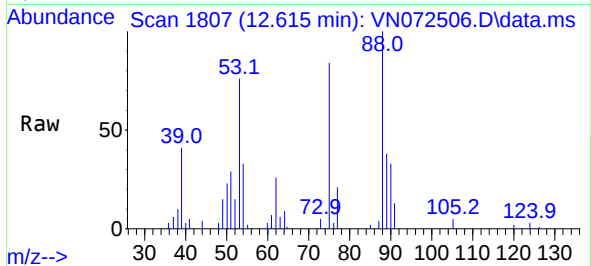
Tgt Ion:105 Resp: 168630
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.944 ug/l
RT: 12.615 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

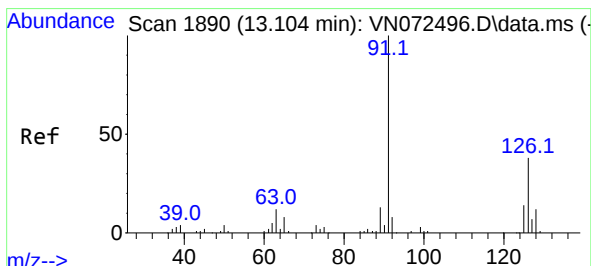
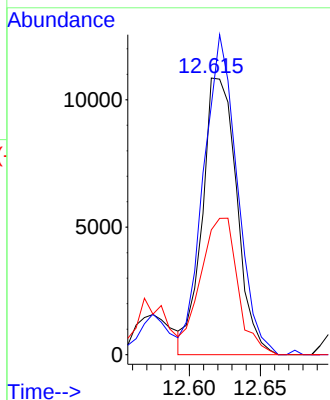
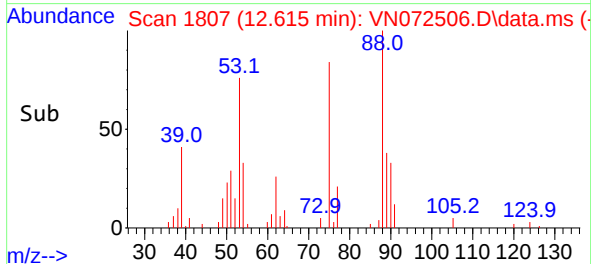
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



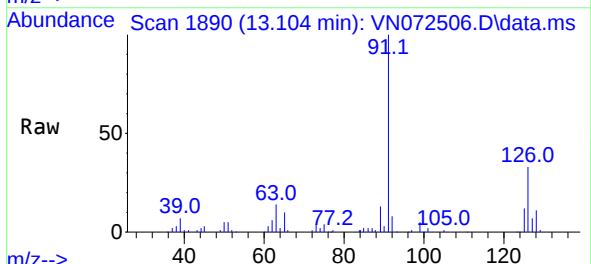
Tgt Ion: 75 Resp: 18289
Ion Ratio Lower Upper
75 100
53 90.1 51.8 155.5
89 45.1 22.9 68.7

Manual Integrations
APPROVED

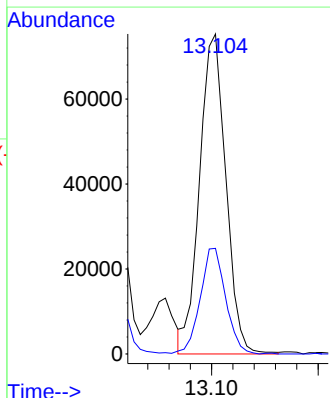
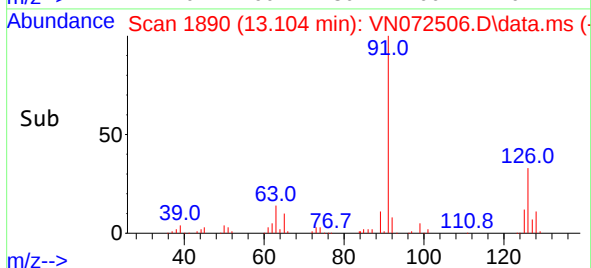
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

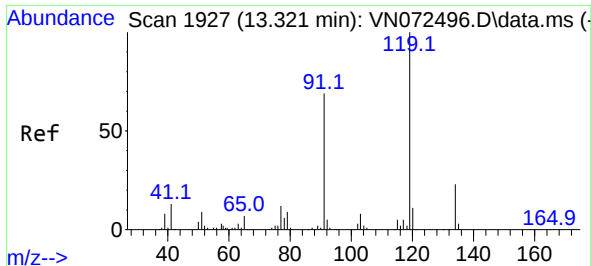


#78
4-Chlorotoluene
Concen: 19.105 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion: 91 Resp: 129208
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





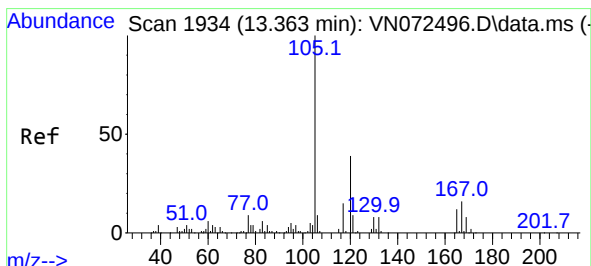
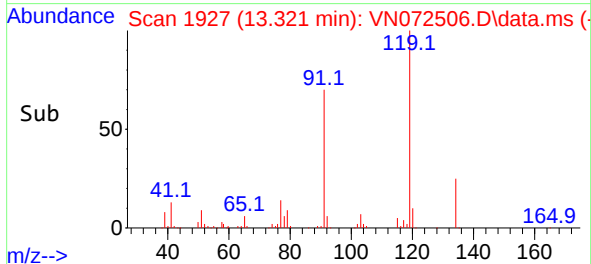
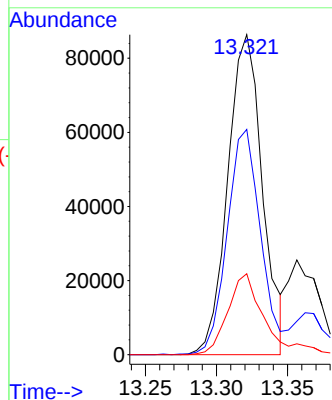
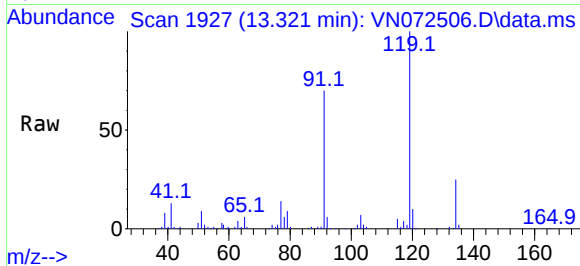
#79
tert-butylbenzene
Concen: 19.155 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion:119 Resp: 146845
Ion Ratio Lower Upper
119 100
91 67.5 0.0 137.0
134 24.8 0.0 47.6

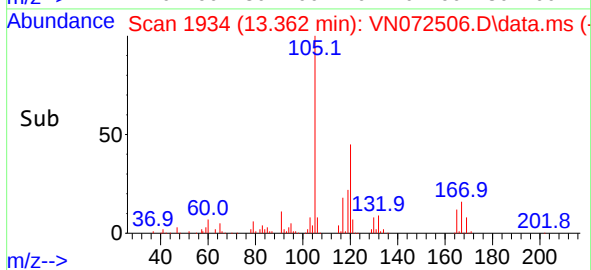
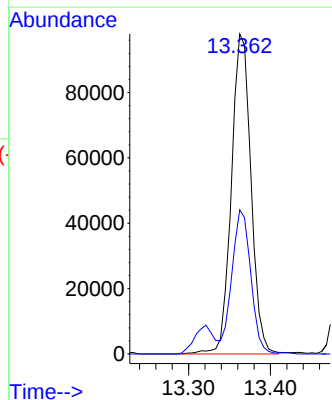
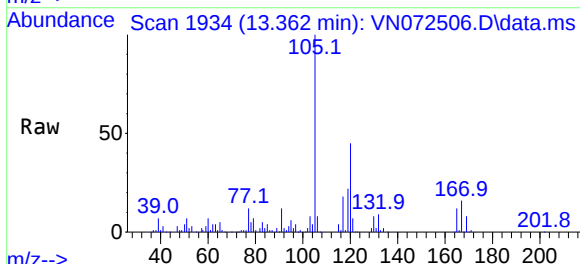
Manual Integrations
APPROVED

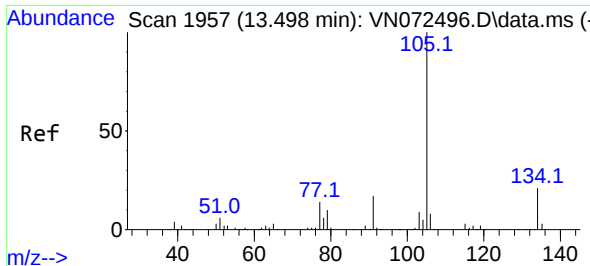
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.360 ug/l m
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

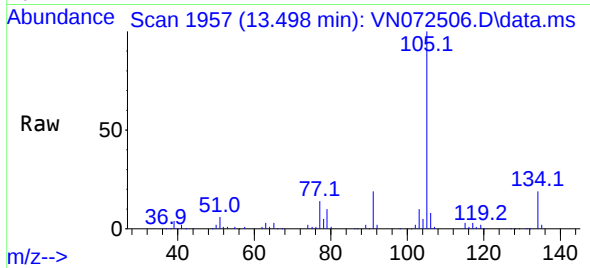
Tgt Ion:105 Resp: 162777
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.313 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20

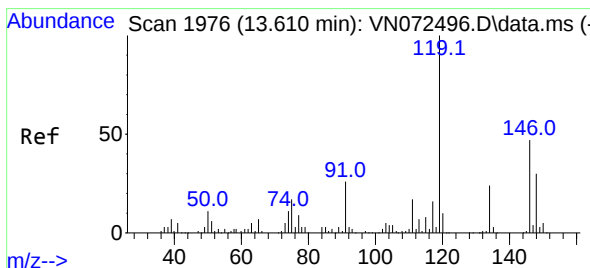
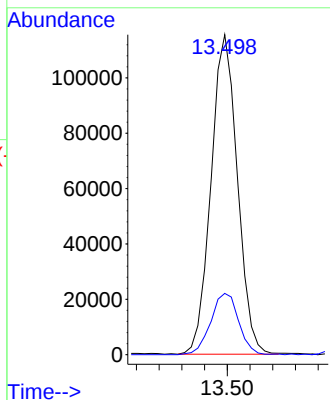
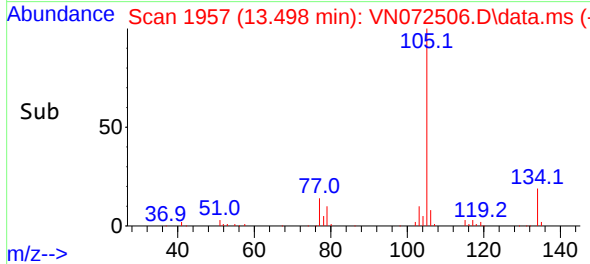
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01



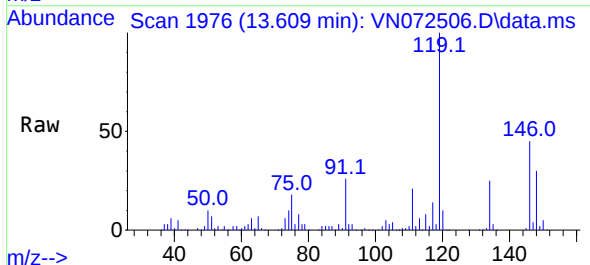
Tgt Ion:105 Resp: 186130
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4

Manual Integrations
 APPROVED

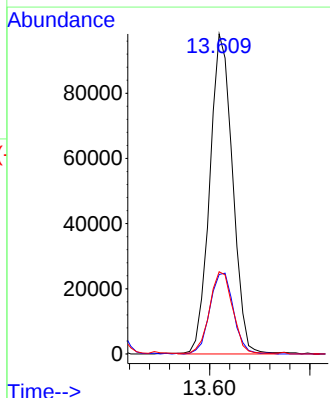
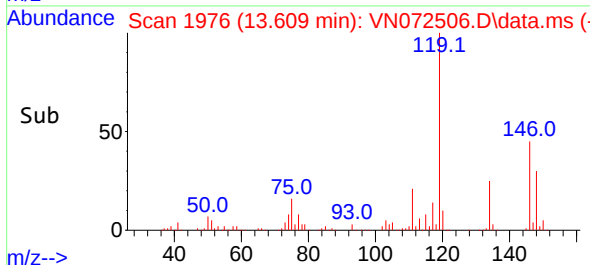
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

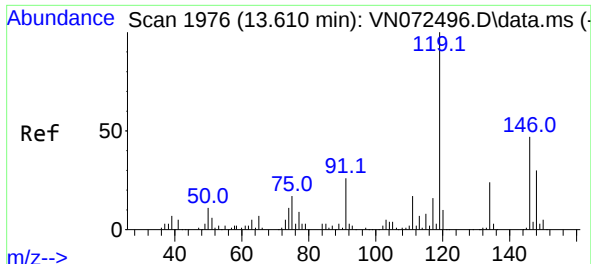


#82
 p-Isopropyltoluene
 Concen: 18.447 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072506.D
 Acq: 16 May 2022 17:20



Tgt Ion:119 Resp: 155166
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 26.2 0.0 50.4





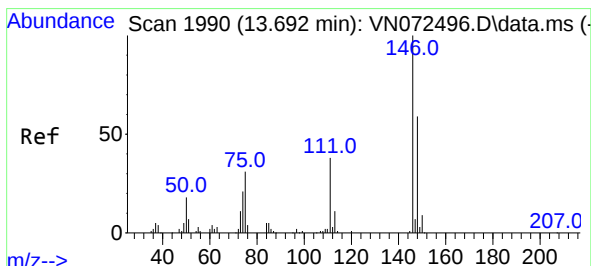
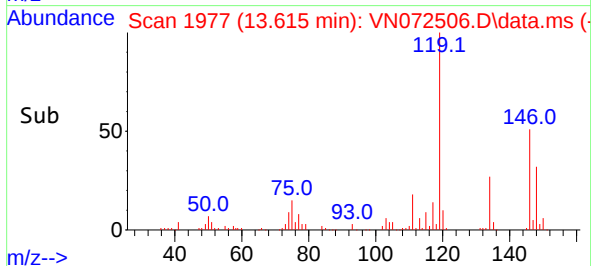
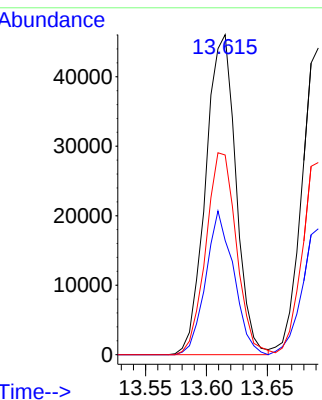
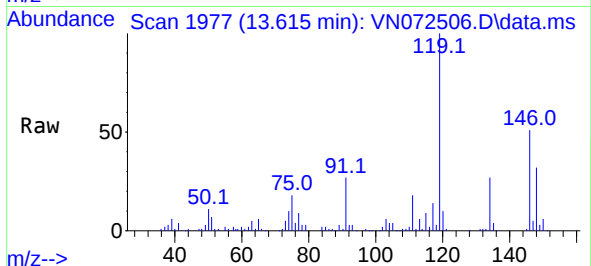
#83
1,3-Dichlorobenzene
Concen: 18.986 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion:146 Resp: 7957
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 63.8 31.4 94.3

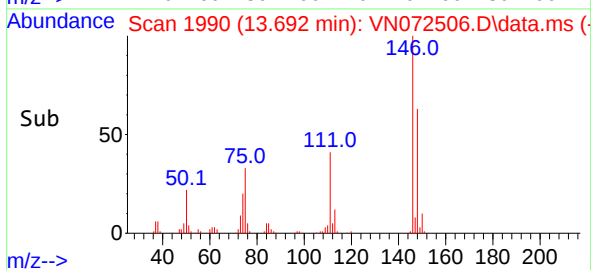
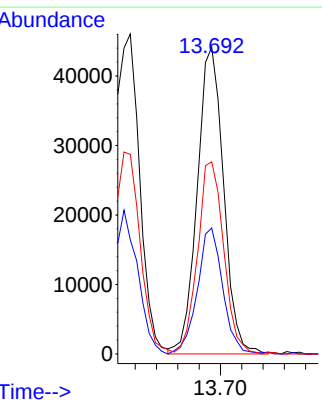
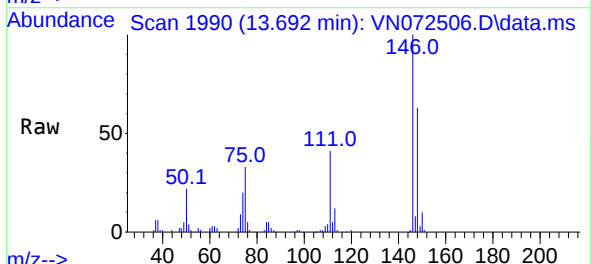
Manual Integrations
APPROVED

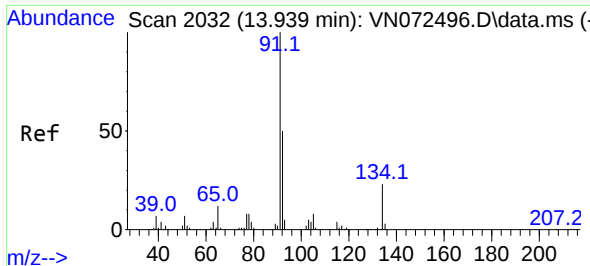
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#84
1,4-Dichlorobenzene
Concen: 18.575 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:146 Resp: 75757
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 62.1 31.1 93.5





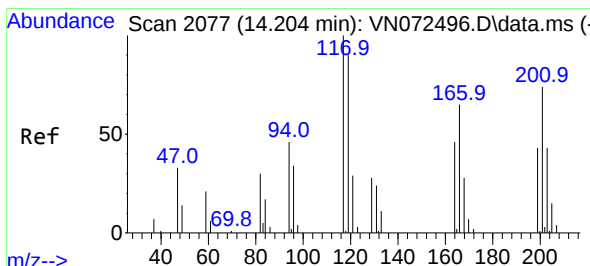
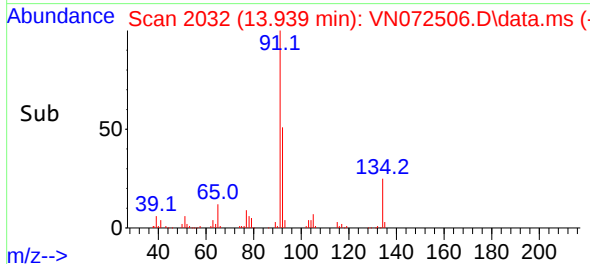
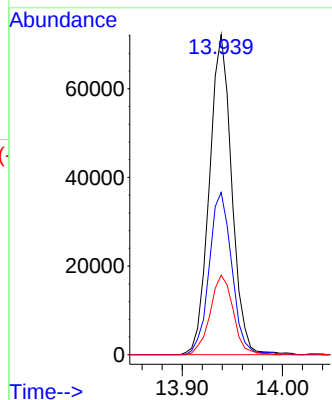
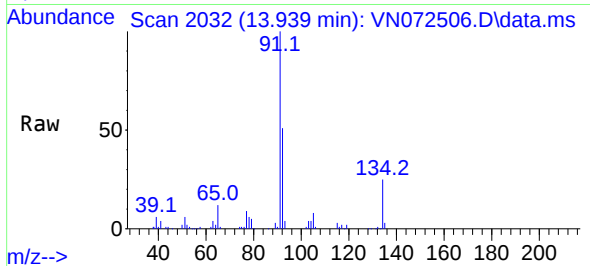
#85
n-Butylbenzene
Concen: 17.994 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 91 Resp: 11216
Ion Ratio Lower Upper
91 100
92 50.9 0.0 100.6
134 25.7 0.0 50.2

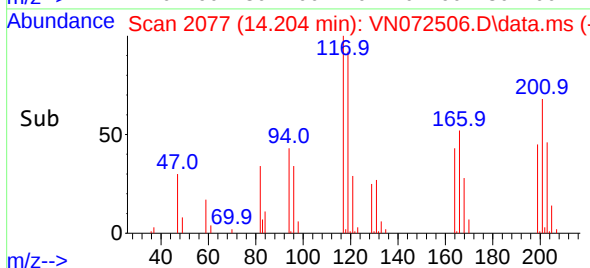
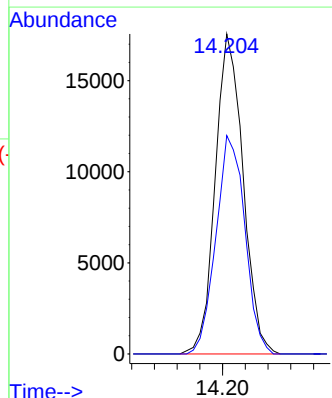
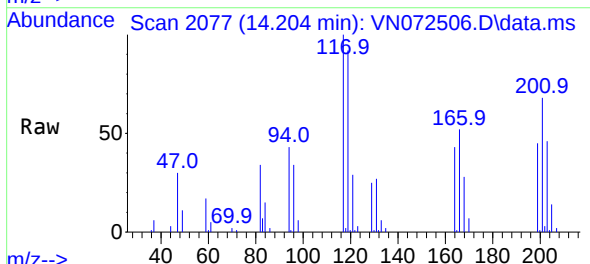
Manual Integrations
APPROVED

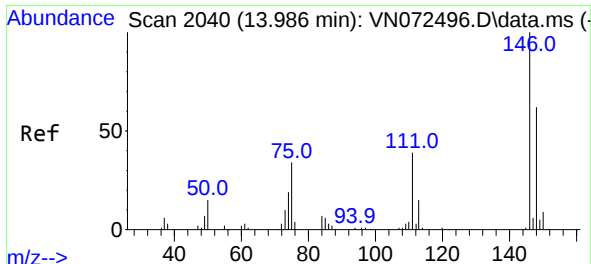
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#86
Hexachloroethane
Concen: 19.256 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

Tgt Ion:117 Resp: 29825
Ion Ratio Lower Upper
117 100
201 71.0 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.537 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN072506.D

Acq: 16 May 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion:146 Resp: 80054

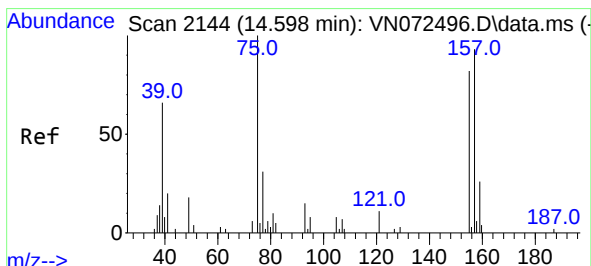
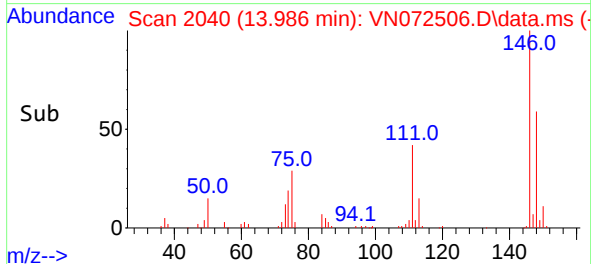
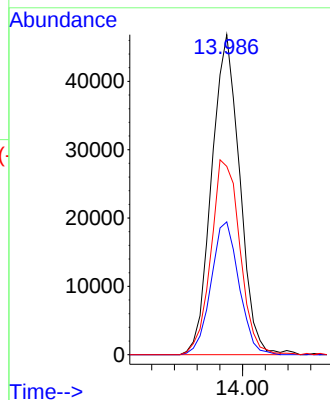
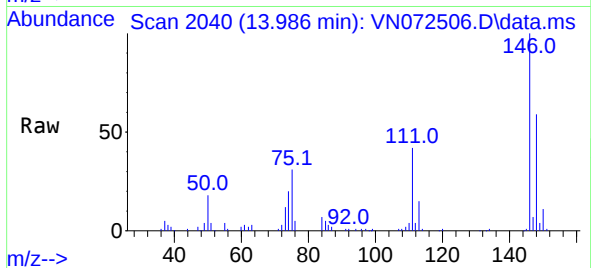
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.4	64.2
148	63.0	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.494 ug/l

RT: 14.604 min Scan# 2145

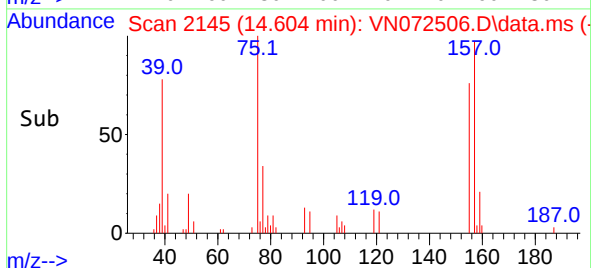
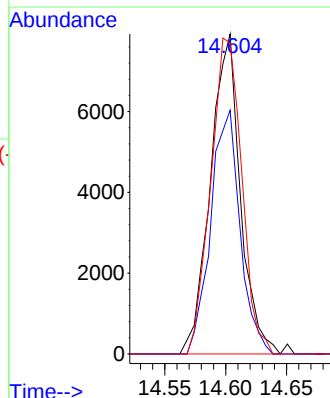
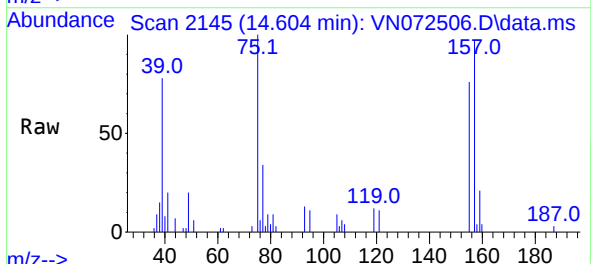
Delta R.T. 0.006 min

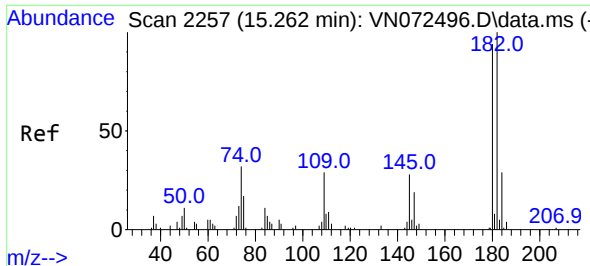
Lab File: VN072506.D

Acq: 16 May 2022 17:20

Tgt Ion: 75 Resp: 13562

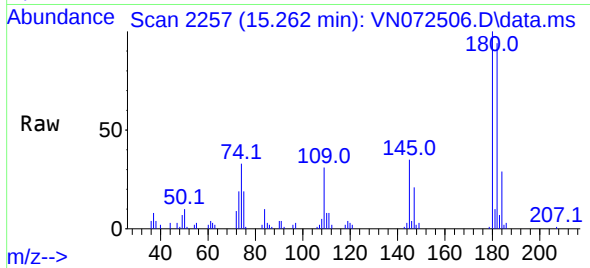
Ion	Ratio	Lower	Upper
75	100		
155	74.4	63.8	95.8
157	102.1	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.846 ug/l
RT: 15.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

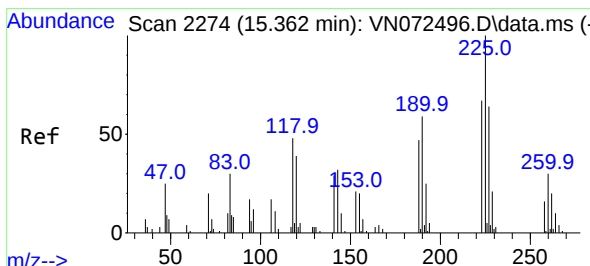
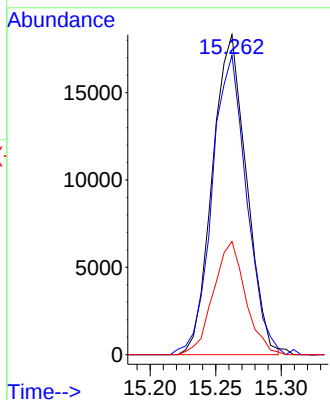
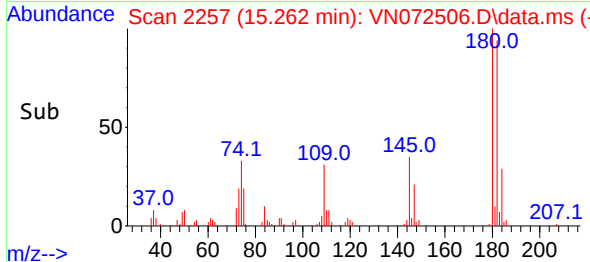
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



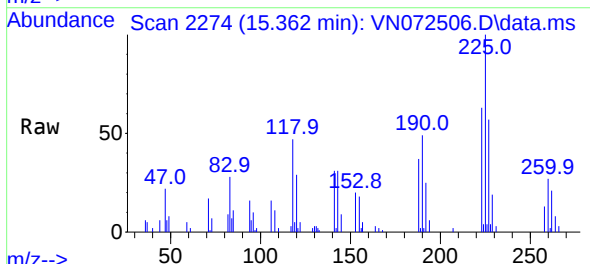
Tgt Ion:180 Resp: 33100
Ion Ratio Lower Upper
180 100
182 94.5 77.7 116.5
145 33.4 26.6 39.8

Manual Integrations
APPROVED

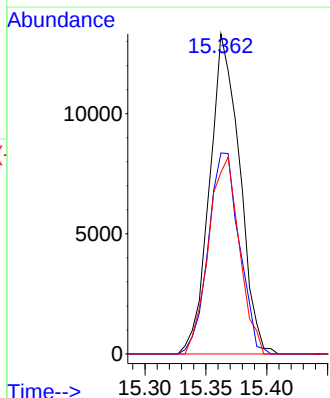
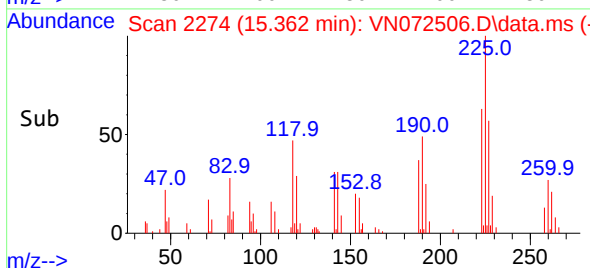
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

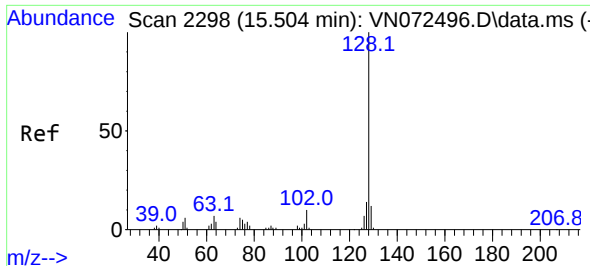


#90
Hexachlorobutadiene
Concen: 19.886 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



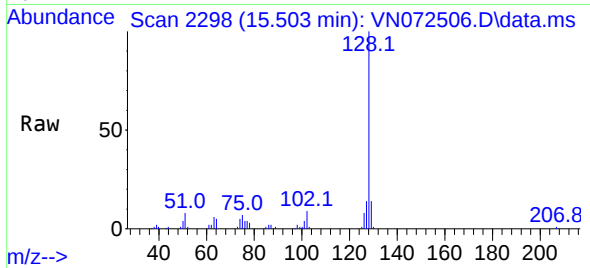
Tgt Ion:225 Resp: 22795
Ion Ratio Lower Upper
225 100
223 65.2 0.0 126.8
227 63.0 0.0 123.0





#91
Naphthalene
Concen: 20.504 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. -0.001 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20

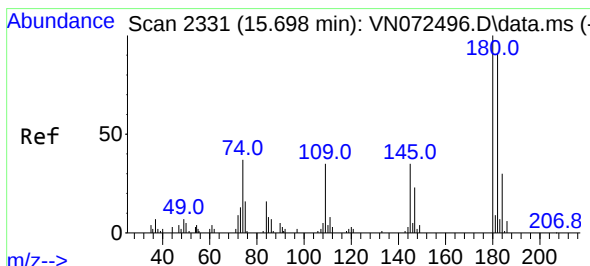
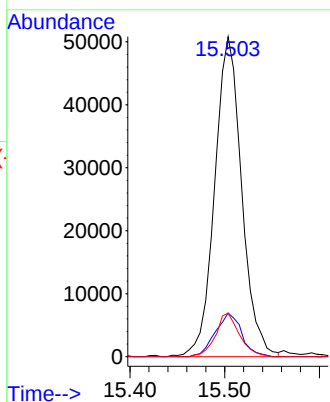
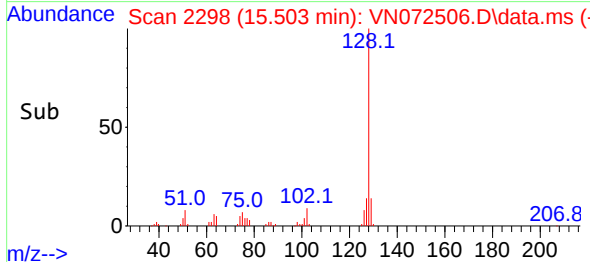
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01



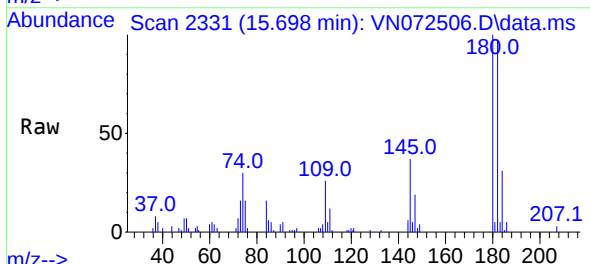
Tgt Ion:128 Resp: 100529
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 12.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.103 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN072506.D
Acq: 16 May 2022 17:20



Tgt Ion:180 Resp: 36067
Ion Ratio Lower Upper
180 100
182 95.6 0.0 190.0
145 34.4 0.0 67.8

