

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072499.D
 Acq On : 16 May 2022 13:52
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: May 16 14:09:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 16 13:47:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.651	128	28367	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	150597	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	147701	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	89047	34.582	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 115.267%#			
60) 4-Bromofluorobenzene	12.727	95	92006	37.689	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 125.633%#			
63) Toluene-d8	10.439	98	234499	32.337	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	334192	192.628	ug/l	99
3) Chloromethane	2.299	50	314496	167.821	ug/l	95
4) Vinyl Chloride	2.440	62	263224	134.216	ug/l	98
5) Bromomethane	2.810	94	233647	200.044	ug/l	97
6) Chloroethane	2.969	64	172881	138.717	ug/l	96
7) Trichlorofluoromethane	3.346	101	593668	200.957	ug/l	100
8) Diethyl Ether	3.816	74	190215	176.570	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.198	101	281374	175.898	ug/l #	67
10) 1,1-Dichloroethene	4.169	96	262065	173.308	ug/l	88
11) Methyl Iodide	4.410	142	424457	191.182	ug/l	97
12) Methyl Acetate	4.845	43	440018	192.408	ug/l	97
13) Acrolein	4.040	56	344001	1217.125	ug/l	99
14) Acrylonitrile	5.545	53	950842	964.504	ug/l	100
15) Acetone	4.287	58	242683	886.528	ug/l	84
16) Carbon Disulfide	4.522	76	707319	178.251	ug/l	98
17) Allyl chloride	4.834	41	500886	196.523	ug/l	91
18) Methylene Chloride	5.092	84	309833	169.378	ug/l	97
19) trans-1,2-Dichloroethene	5.592	96	287211	174.944	ug/l	87
20) Diisopropyl ether	6.492	45	1008444	189.645	ug/l	95
21) 1,1-Dichloroethane	6.381	63	577412	179.301	ug/l	99
22) cis-1,2-Dichloroethene	7.316	96	346788	176.557	ug/l	94
23) tert-Butyl Alcohol	5.381	59	432955	1135.493	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	1115678	194.423	ug/l	99
25) Chloroform	7.816	83	632977	190.270	ug/l	96
26) Cyclohexane	8.092	56	505834	186.546	ug/l #	98
29) 1,1-Dichloropropene	8.216	75	456799	198.460	ug/l	96
30) 2-Butanone	7.328	43	1350069	1026.496	ug/l	97
31) 2,2-Dichloropropane	7.322	77	562851	209.010	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	631234	217.070	ug/l	99
33) Carbon Tetrachloride	8.204	117	564750	221.327	ug/l	99
34) Benzene	8.457	78	1268278	181.101	ug/l	99
35) Methacrylonitrile	7.633	41	294343	229.451	ug/l	93
36) 1,2-Dichloroethane	8.528	62	572494	208.403	ug/l	98
37) Trichloroethene	9.210	130	341838	185.560	ug/l	98
38) Methylcyclohexane	9.457	83	538777	191.043	ug/l	94
39) 1,2-Dichloropropane	9.486	63	321532	181.854	ug/l	98
40) Dibromomethane	9.575	93	244356	195.241	ug/l	90
41) Bromodichloromethane	9.757	83	525832	207.653	ug/l	96
42) Vinyl Acetate	6.428	43	4623565	1031.002	ug/l	99

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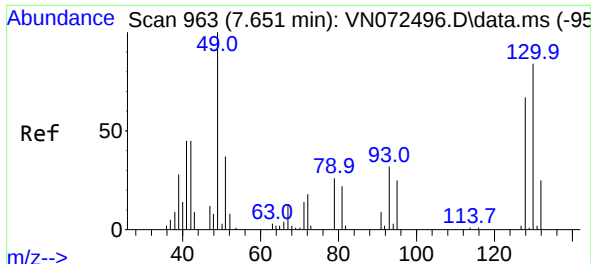
Manual Integrations
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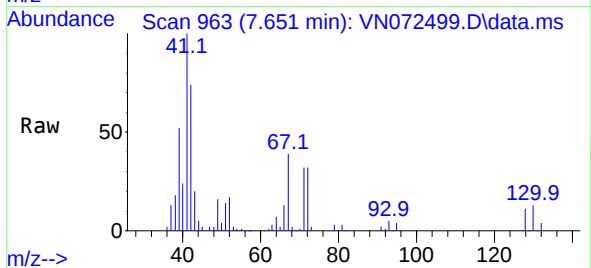
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	527321	210.305	ug/l	97
44) Isopropyl Acetate	8.557	43	852697	206.851	ug/l	99
45) 1,4-Dioxane	9.569	88	167679	4142.731	ug/l	91
46) Methyl methacrylate	9.557	41	402955	223.152	ug/l	86
47) n-amyl Acetate	12.386	43	648493	241.491	ug/l	100
48) t-1,3-Dichloropropene	10.716	75	590588	217.959	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	590995	204.076	ug/l	96
50) 1,1,2-Trichloroethane	10.898	97	342684	190.779	ug/l	98
51) Ethyl methacrylate	10.757	69	588949	211.651	ug/l	94
52) 1,3-Dichloropropane	11.039	76	594102	192.287	ug/l	99
53) Dibromochloromethane	11.233	129	428961	215.311	ug/l	99
54) 1,2-Dibromoethane	11.339	107	378677	203.333	ug/l	99
55) 2-Chloroethyl vinyl ether	10.039	63	836345	1188.520	ug/l	99
56) Bromoform	12.457	173	334151	224.257	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	2723185	1017.239	ug/l	99
59) 2-Hexanone	11.080	43	2059383	1050.083	ug/l	98
61) Tetrachloroethene	10.974	164	311383	180.699	ug/l	94
62) Toluene	10.504	91	1461720	178.174	ug/l	97
64) Chlorobenzene	11.769	112	942347	185.973	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	385047	195.680	ug/l	97
66) Ethyl Benzene	11.839	91	1754549	194.111	ug/l	99
67) m/p-Xylenes	11.951	106	1324093	381.367	ug/l	95
68) o-Xylene	12.274	106	664929	192.087	ug/l	97
69) Styrene	12.292	104	1093413	200.665	ug/l	96
70) Isopropylbenzene	12.574	105	1781500	202.362	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	513266	181.941	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	446599m	178.619	ug/l	
73) Bromobenzene	12.857	156	423990	197.792	ug/l	99
74) n-propylbenzene	12.916	91	2037565	213.754	ug/l	99
75) 2-Chlorotoluene	13.004	91	1246690	203.476	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	1532561	212.927	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	182988	219.512	ug/l	97
78) 4-Chlorotoluene	13.104	91	1216025	214.505	ug/l	96
79) tert-butylbenzene	13.321	119	1332220	207.059	ug/l	99
80) 1,2,4-Trimethylbenzene	13.363	105	1495402m	213.513	ug/l	
81) sec-Butylbenzene	13.498	105	1832669	213.760	ug/l	99
82) p-Isopropyltoluene	13.610	119	1539897	219.468	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	747936	211.850	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	730926	215.515	ug/l	98
85) n-Butylbenzene	13.939	91	1226531	239.744	ug/l	97
86) Hexachloroethane	14.210	117	279694	217.841	ug/l	89
87) 1,2-Dichlorobenzene	13.986	146	717312	209.191	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	137375	248.575	ug/l	97
89) 1,2,4-Trichlorobenzene	15.257	180	382752	249.711	ug/l	99
90) Hexachlorobutadiene	15.362	225	185258	194.249	ug/l	99
91) Naphthalene	15.504	128	1265427	293.668	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	379189	247.392	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: VN072499.D
Acq: 16 May 2022 13:52

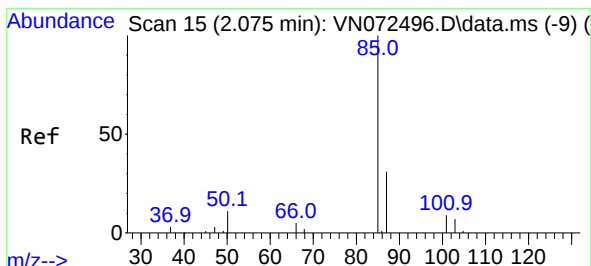
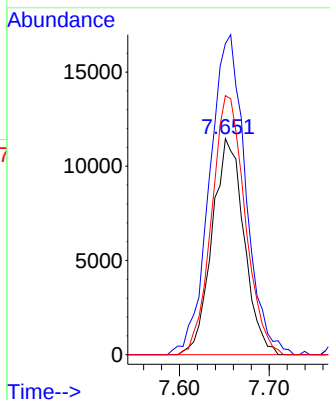
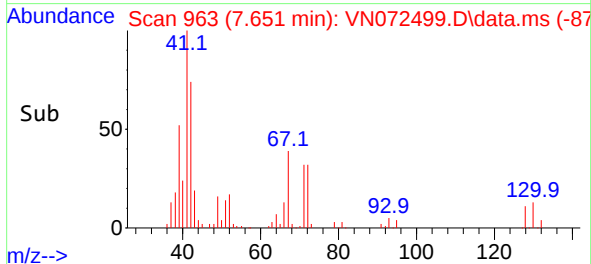
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



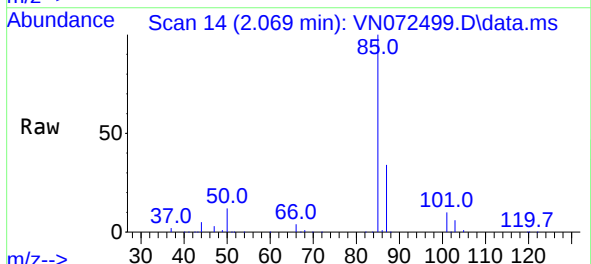
Tgt Ion:128 Resp: 2836
Ion Ratio Lower Upper
128 100
49 166.6 0.0 392.3
130 125.4 0.0 320.2

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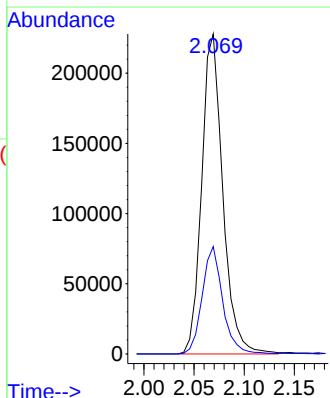
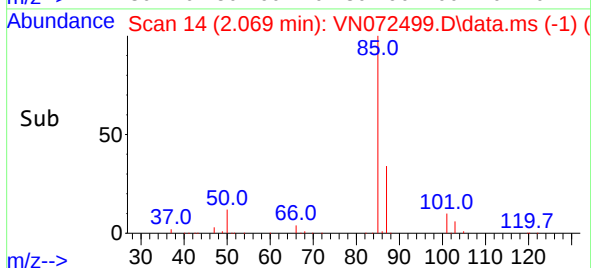
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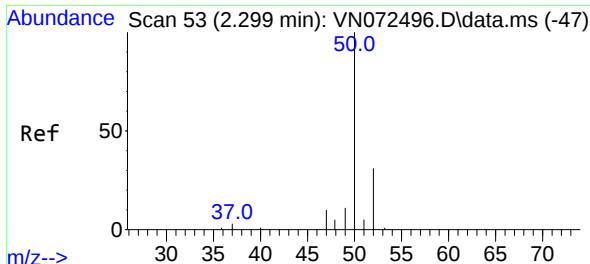


#2
Dichlorodifluoromethane
Concen: 192.628 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion: 85 Resp: 334192
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.7





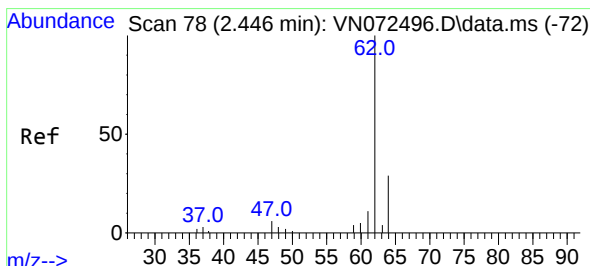
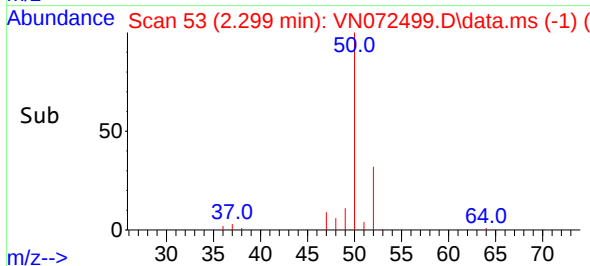
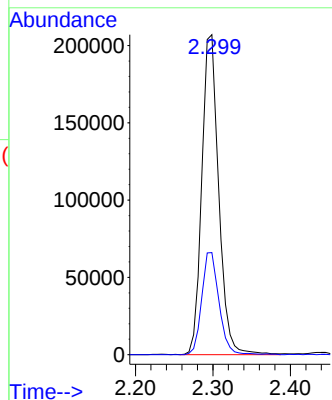
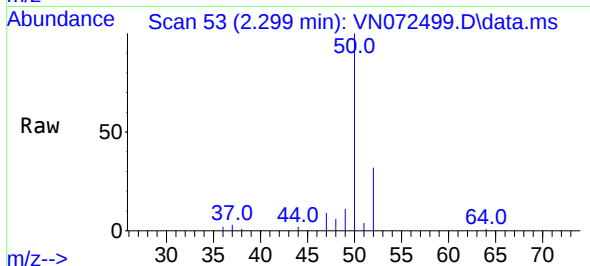
#3
Chloromethane
Concen: 167.821 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 314490
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.6

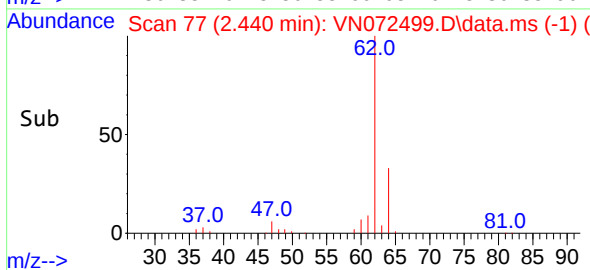
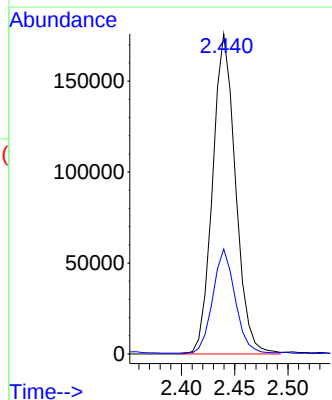
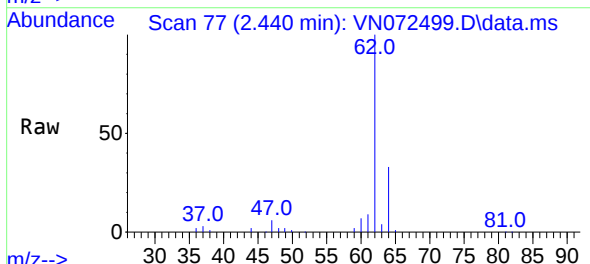
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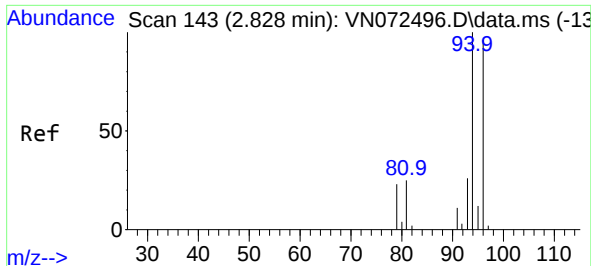
Reviewed By :John Carlone 05/17/2022
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#4
Vinyl Chloride
Concen: 134.216 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

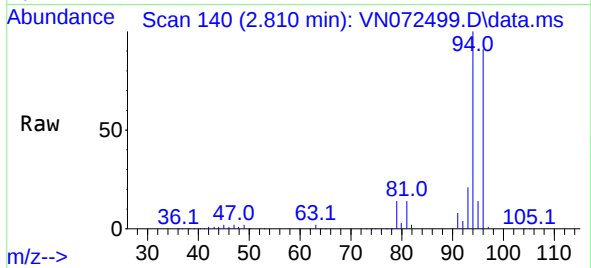
Tgt Ion: 62 Resp: 263224
Ion Ratio Lower Upper
62 100
64 32.5 25.1 37.7





#5
Bromomethane
Concen: 200.044 ug/l
RT: 2.810 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

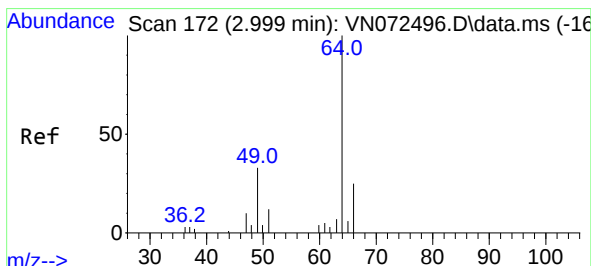
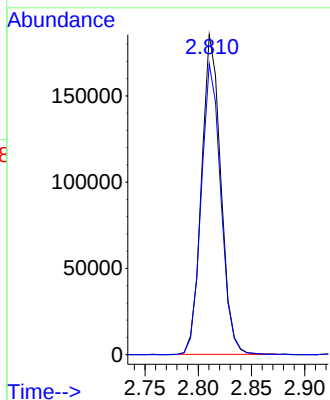
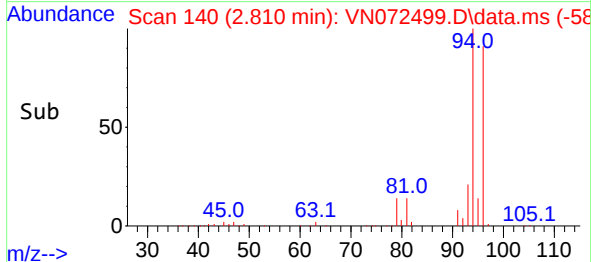
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



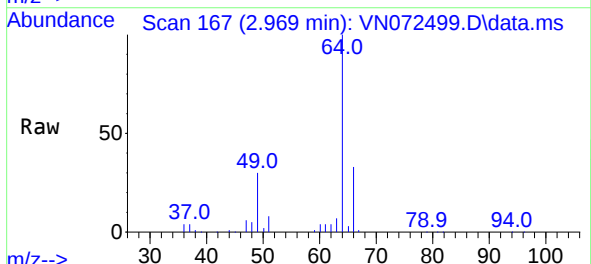
Tgt Ion: 94 Resp: 23364
Ion Ratio Lower Upper
94 100
96 90.9 75.2 112.8

Manual Integrations
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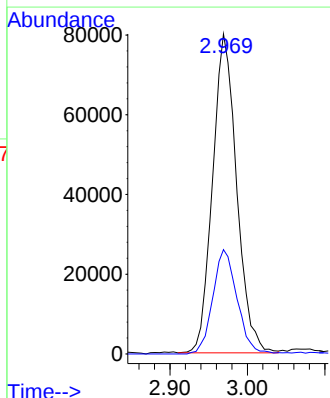
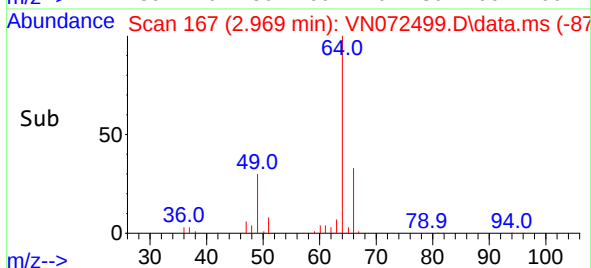
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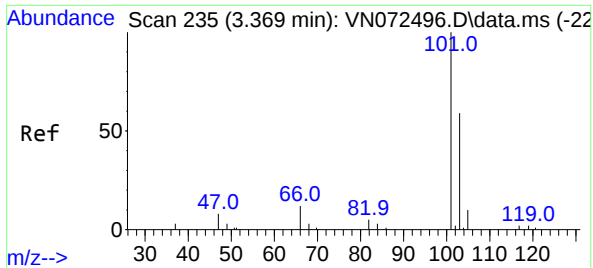


#6
Chloroethane
Concen: 138.717 ug/l
RT: 2.969 min Scan# 167
Delta R.T. -0.029 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



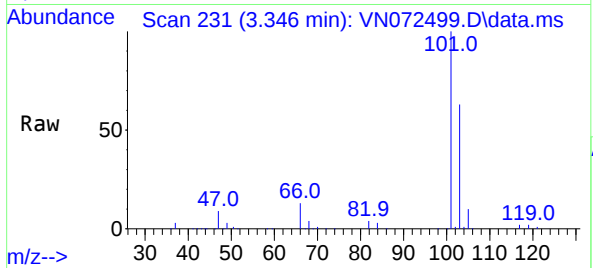
Tgt Ion: 64 Resp: 172881
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8





#7
Trichlorofluoromethane
Concen: 200.957 ug/l
RT: 3.346 min Scan# 211
Delta R.T. -0.024 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

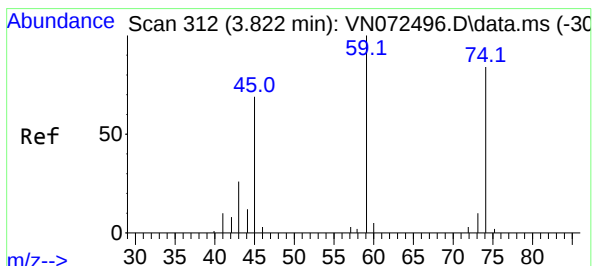
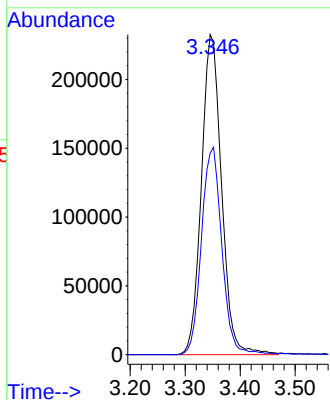
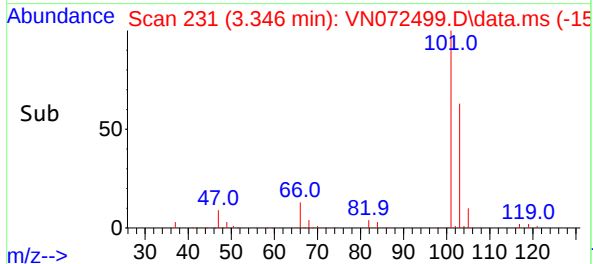
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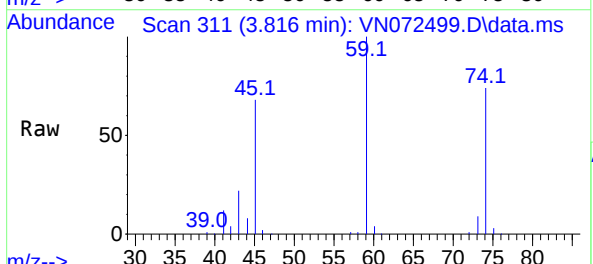
Tgt Ion:101 Resp: 59366
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1

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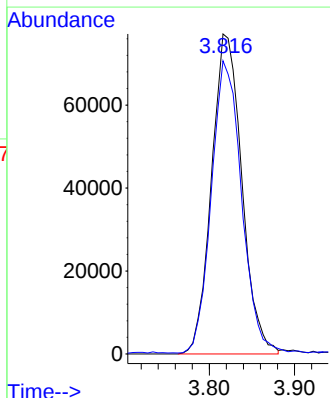
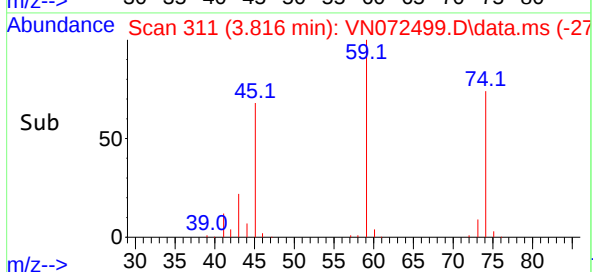
Reviewed By :John Carlone 05/17/2022
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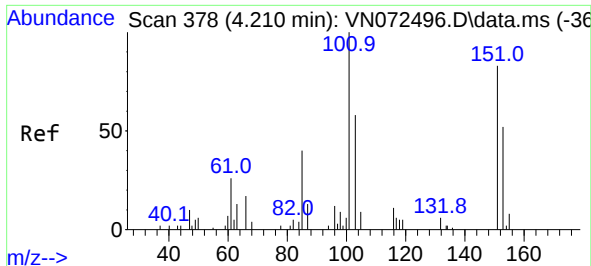


#8
Diethyl Ether
Concen: 176.570 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion: 74 Resp: 190215
Ion Ratio Lower Upper
74 100
45 92.0 17.6 158.8





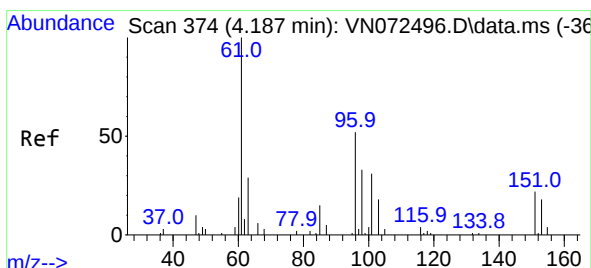
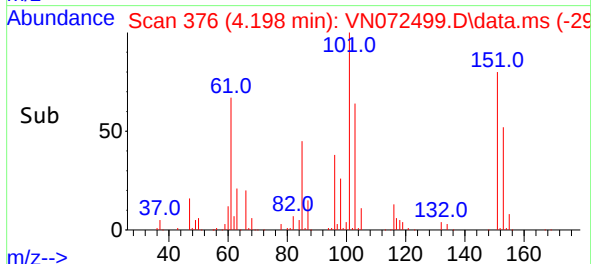
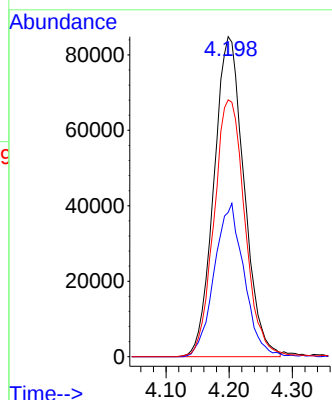
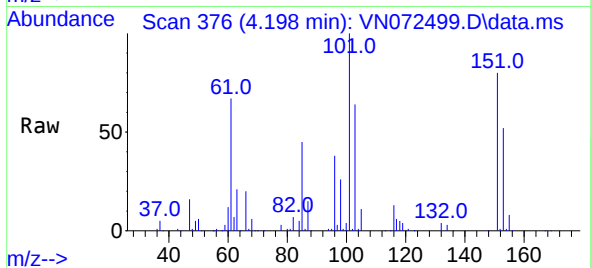
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1,1,2-Trichlorotrifluoroethane
Concen: 175.898 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072499.D
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Instrument :
MSVOA_N
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VSTDIC150

Tgt Ion:101 Resp: 281374
Ion Ratio Lower Upper
101 100
85 47.3 0.0 94.0
151 82.1 0.0 74.6

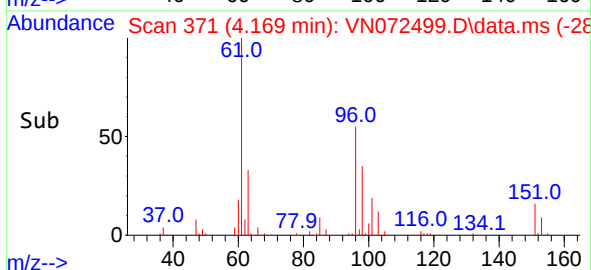
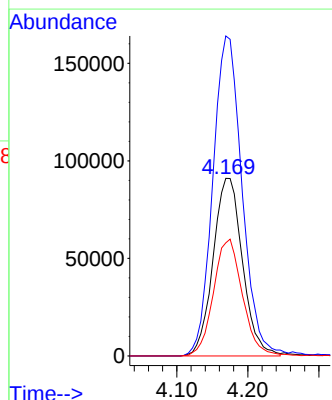
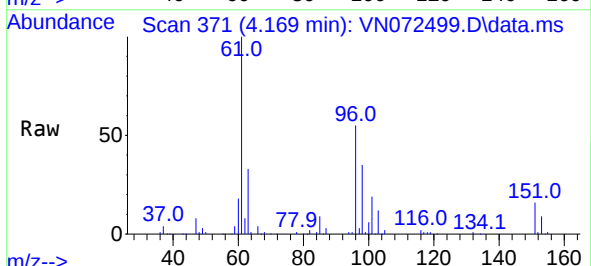
Manual Integrations
APPROVED

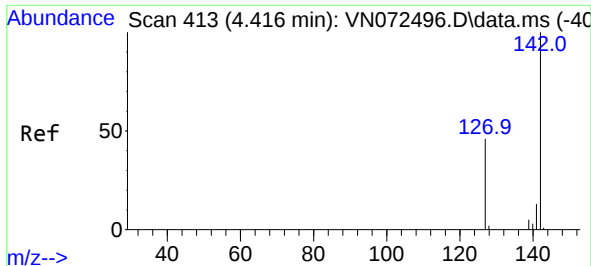
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
1,1-Dichloroethene
Concen: 173.308 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.018 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

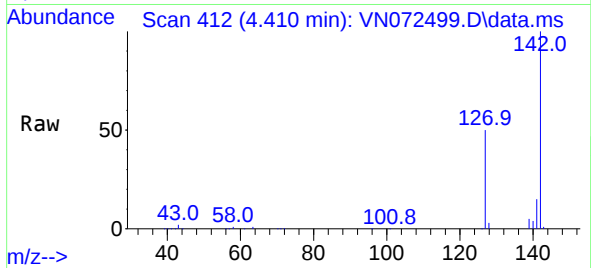
Tgt Ion: 96 Resp: 262065
Ion Ratio Lower Upper
96 100
61 180.2 126.2 189.4
98 63.7 50.9 76.3





#11
Methyl Iodide
Concen: 191.182 ug/l
RT: 4.410 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

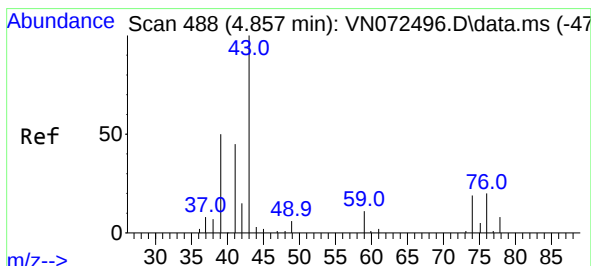
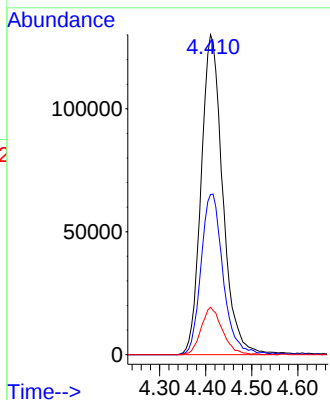
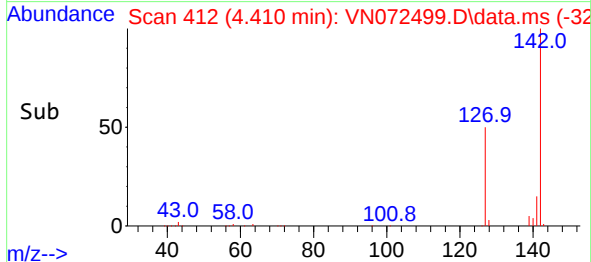
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



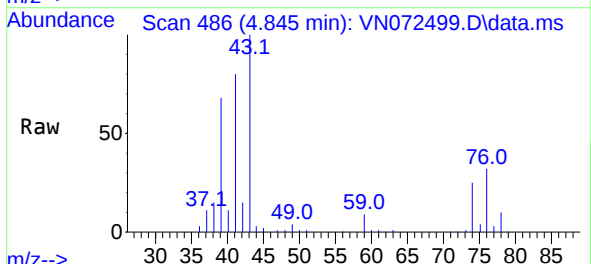
Tgt Ion:142 Resp: 42445
Ion Ratio Lower Upper
142 100
127 50.1 24.0 72.0
141 14.9 8.4 25.2

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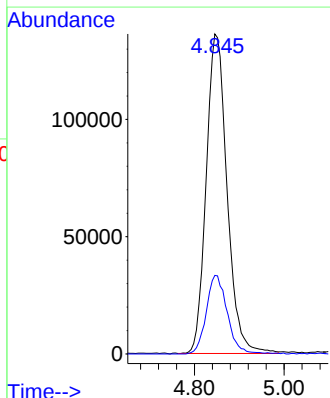
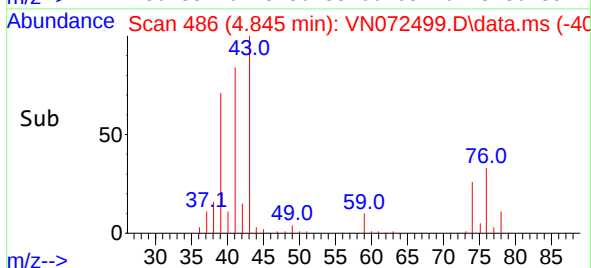
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

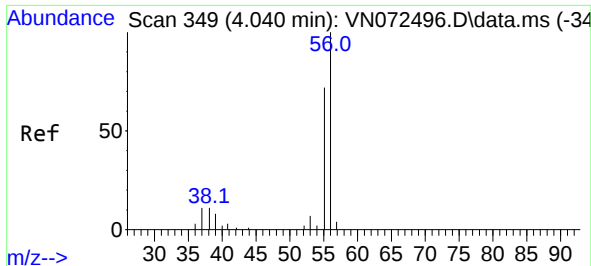


#12
Methyl Acetate
Concen: 192.408 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.012 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



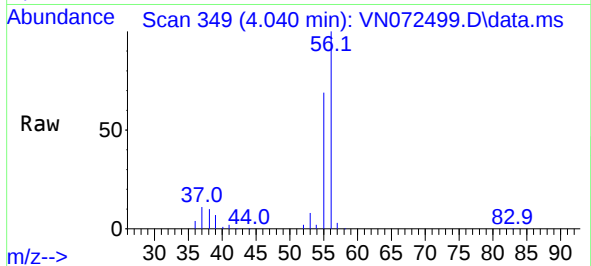
Tgt Ion: 43 Resp: 440018
Ion Ratio Lower Upper
43 100
74 24.6 20.8 31.2





#13
Acrolein
Concen: 1217.125 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

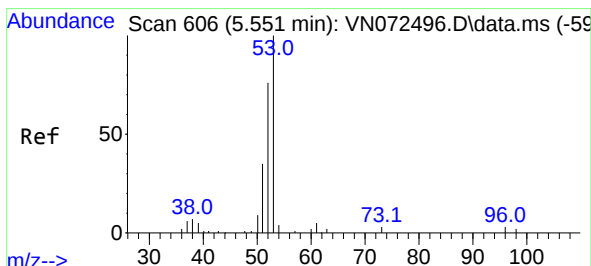
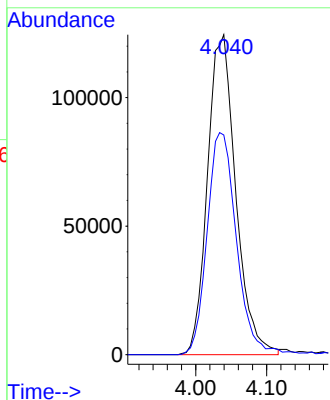
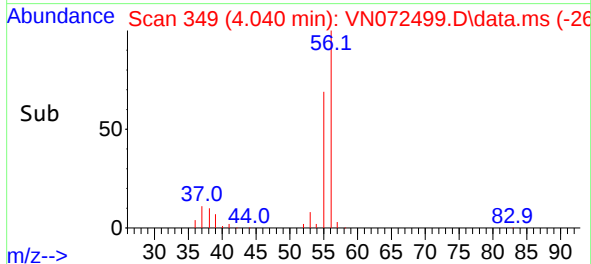
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



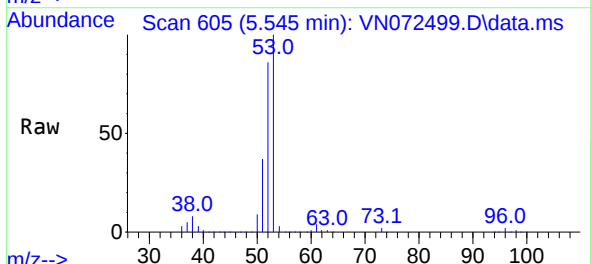
Tgt Ion: 56 Resp: 34400
Ion Ratio Lower Upper
56 100
55 70.8 57.6 86.4

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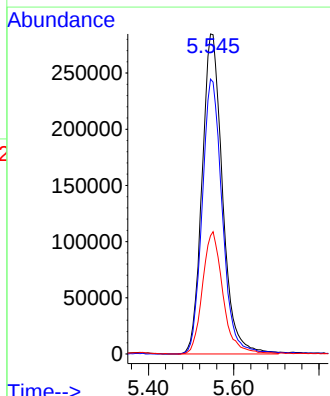
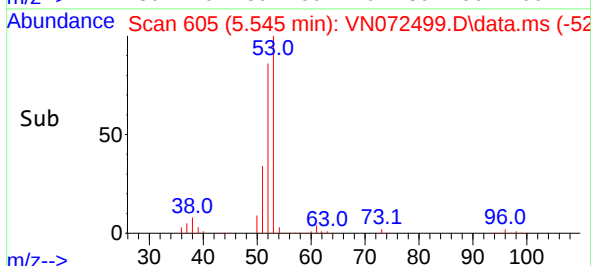
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

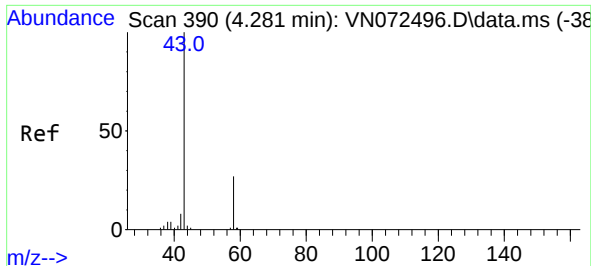


#14
Acrylonitrile
Concen: 964.504 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion: 53 Resp: 950842
Ion Ratio Lower Upper
53 100
52 84.0 41.8 125.4
51 37.9 19.0 57.0





#15

Acetone

Concen: 886.528 ug/l

RT: 4.287 min Scan# 390

Delta R.T. 0.006 min

Lab File: VN072499.D

Acq: 16 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 58 Resp: 24268

Ion Ratio Lower Upper

58 100

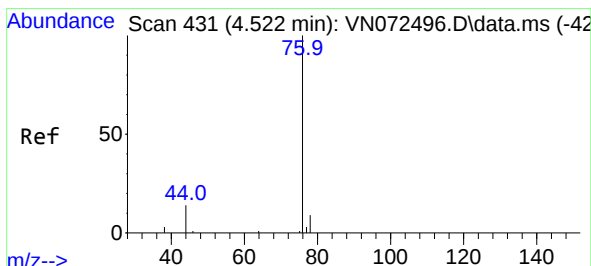
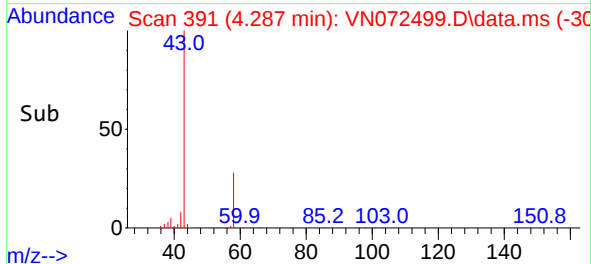
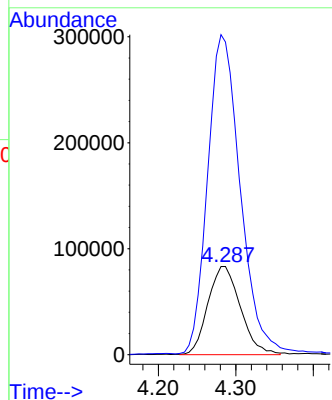
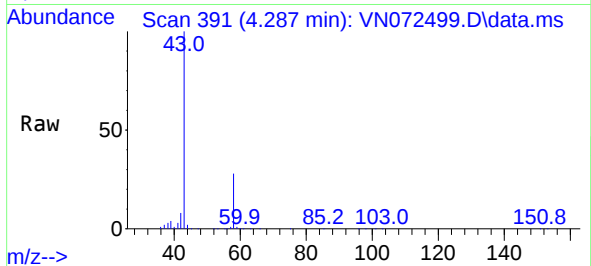
43 354.1 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#16

Carbon Disulfide

Concen: 178.251 ug/l

RT: 4.522 min Scan# 431

Delta R.T. -0.000 min

Lab File: VN072499.D

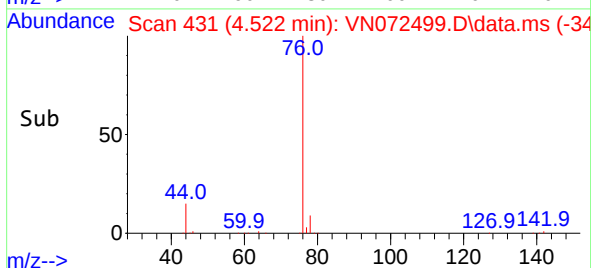
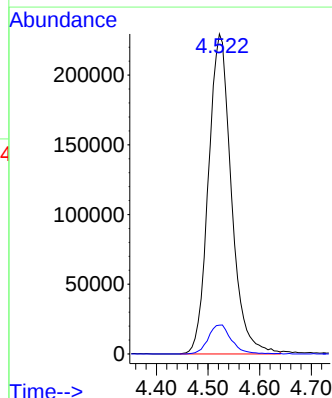
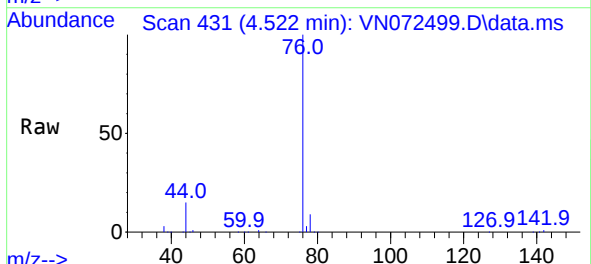
Acq: 16 May 2022 13:52

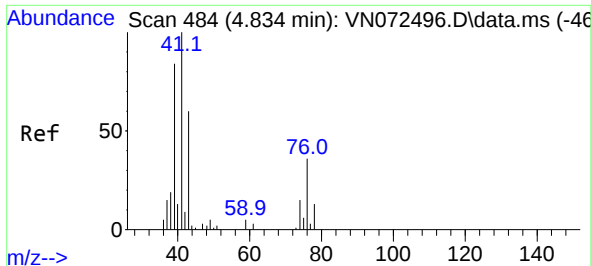
Tgt Ion: 76 Resp: 707319

Ion Ratio Lower Upper

76 100

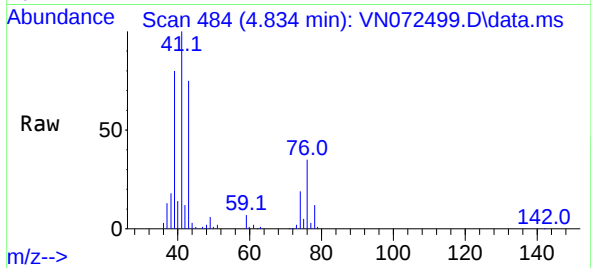
78 9.0 7.8 11.8





#17
 Allyl chloride
 Concen: 196.523 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN072499.D
 Acq: 16 May 2022 13:52

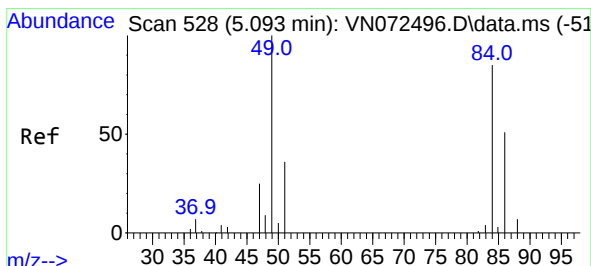
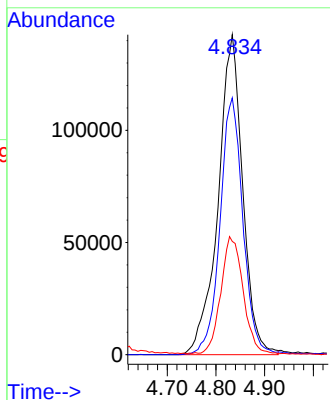
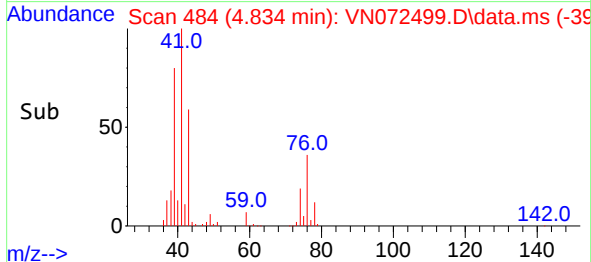
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



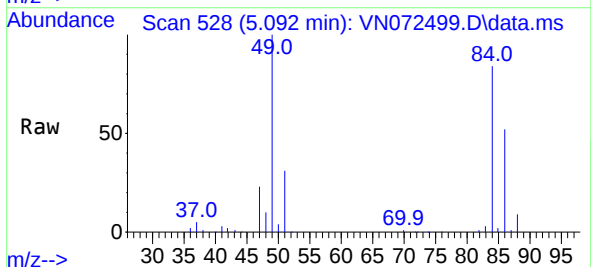
Tgt Ion: 41 Resp: 500880
 Ion Ratio Lower Upper
 41 100
 39 80.2 44.6 134.0
 76 35.1 19.6 58.7

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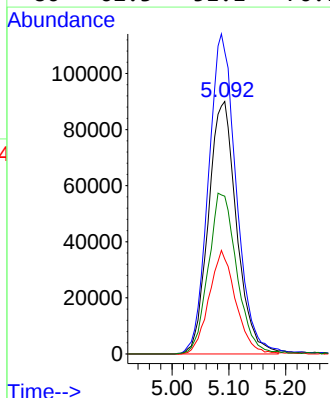
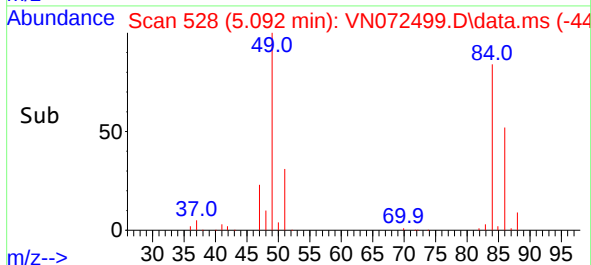
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

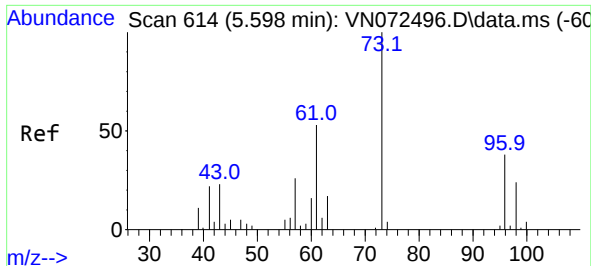


#18
 Methylene Chloride
 Concen: 169.378 ug/l
 RT: 5.092 min Scan# 528
 Delta R.T. -0.000 min
 Lab File: VN072499.D
 Acq: 16 May 2022 13:52



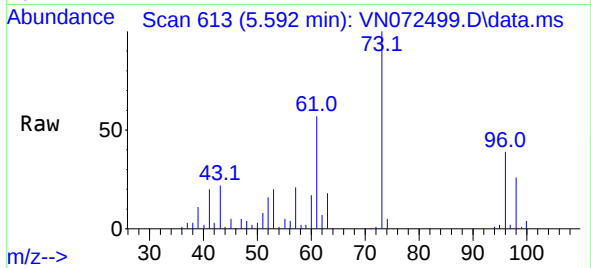
Tgt Ion: 84 Resp: 309833
 Ion Ratio Lower Upper
 84 100
 49 119.4 91.4 137.0
 51 37.6 29.4 44.0
 86 62.3 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 174.944 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

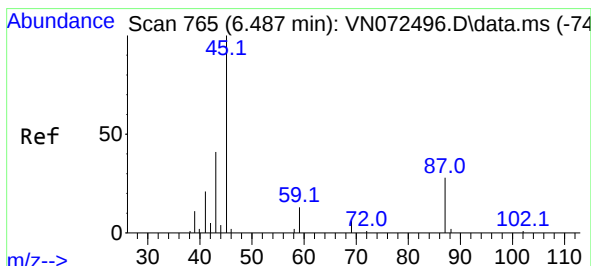
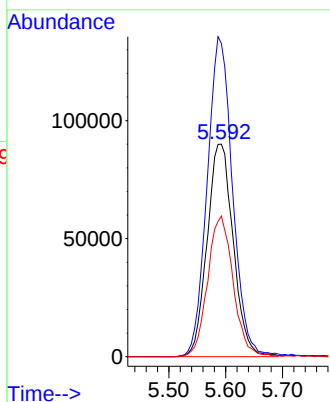
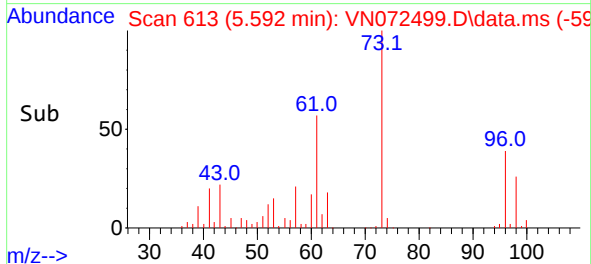
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



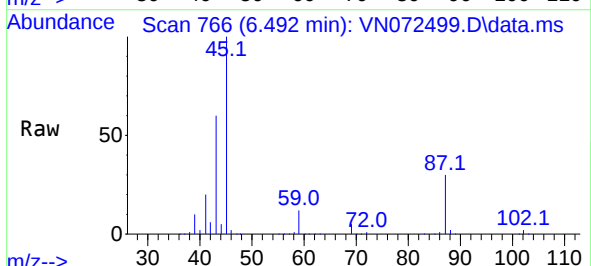
Tgt Ion: 96 Resp: 28721
Ion Ratio Lower Upper
96 100
61 147.1 102.8 154.2
98 66.2 49.3 73.9

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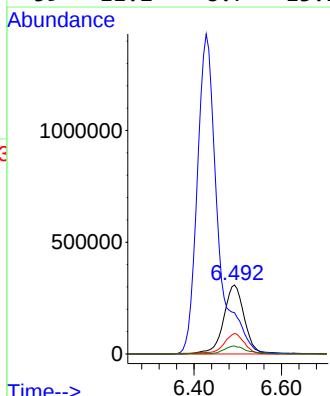
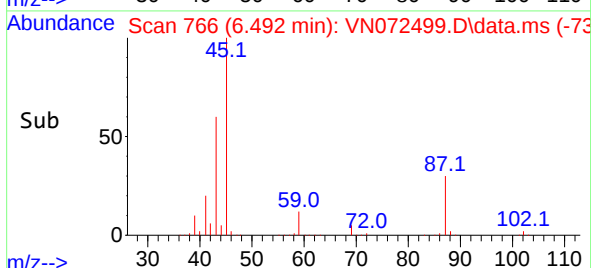
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

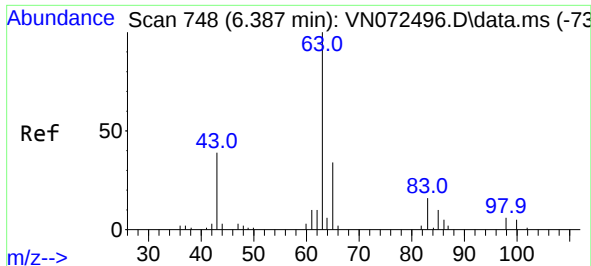


#20
Diisopropyl ether
Concen: 189.645 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion: 45 Resp: 1008444
Ion Ratio Lower Upper
45 100
43 59.1 51.0 76.4
87 29.5 25.0 37.4
59 11.2 8.7 13.1





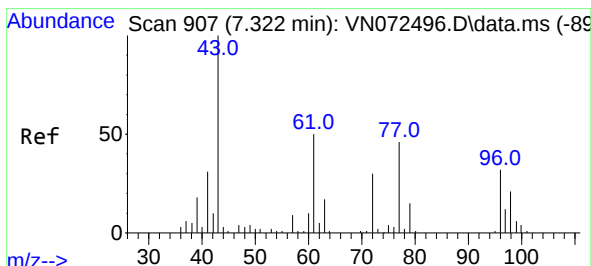
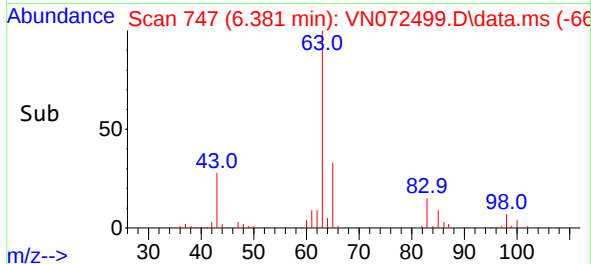
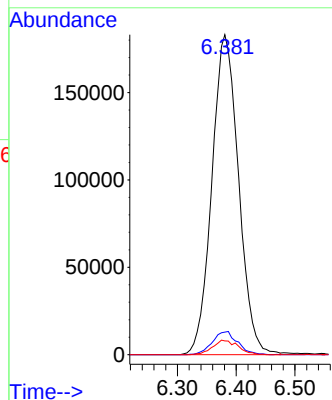
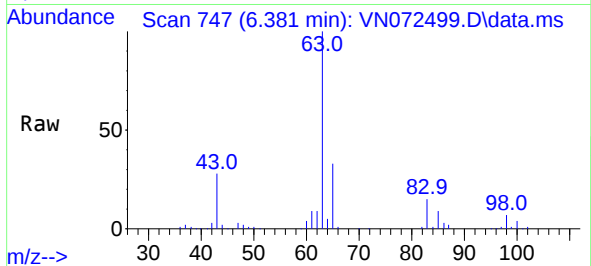
#21
1,1-Dichloroethane
Concen: 179.301 ug/l
RT: 6.381 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 57741
Ion Ratio Lower Upper
63 100
98 7.1 3.2 9.6
100 4.3 2.1 6.2

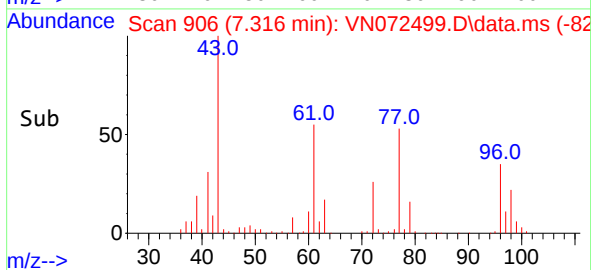
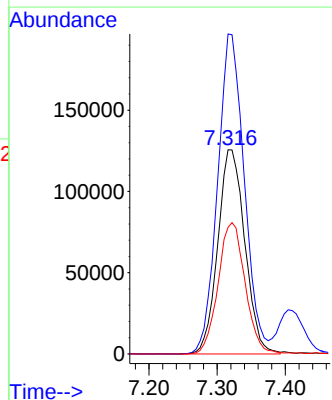
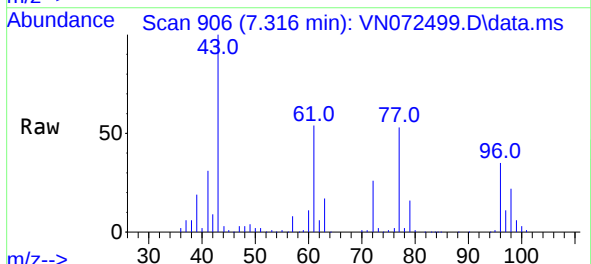
Manual Integrations
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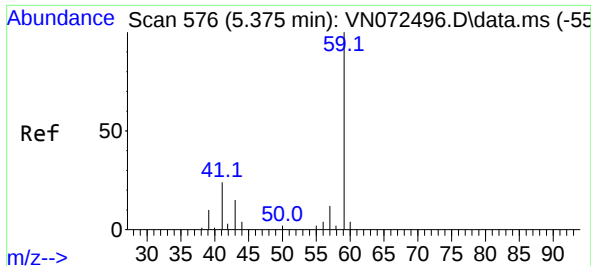
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#22
cis-1,2-Dichloroethene
Concen: 176.557 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

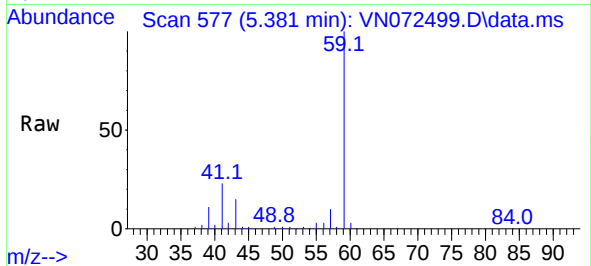
Tgt Ion: 96 Resp: 346788
Ion Ratio Lower Upper
96 100
61 154.4 115.7 173.5
98 64.2 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 1135.493 ug/l
RT: 5.381 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

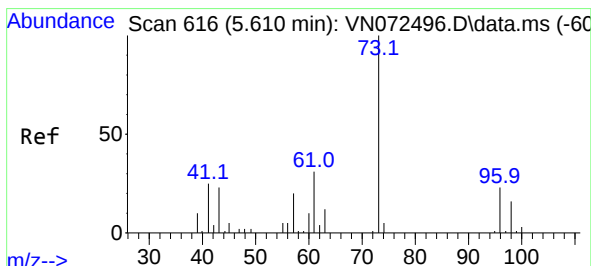
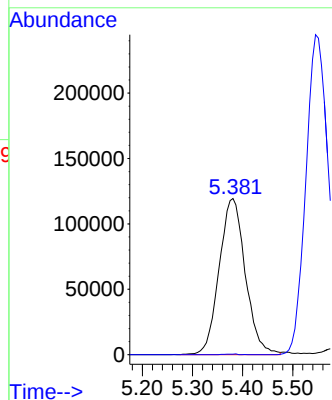
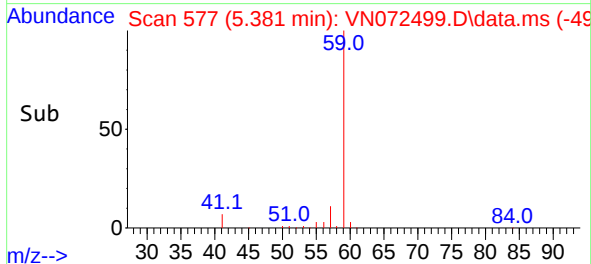
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



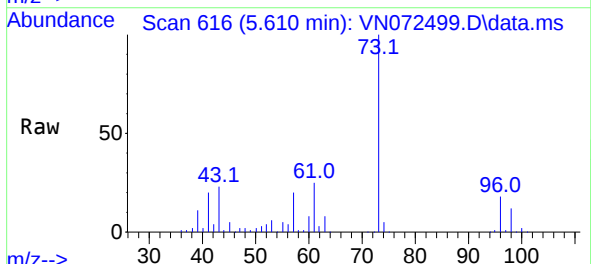
Tgt Ion: 59 Resp: 43295
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

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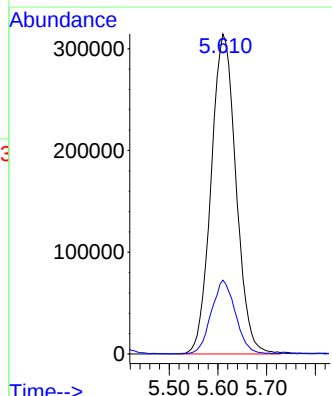
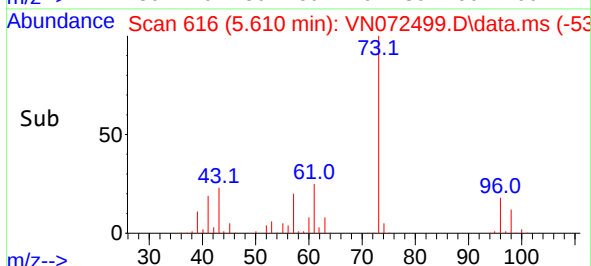
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

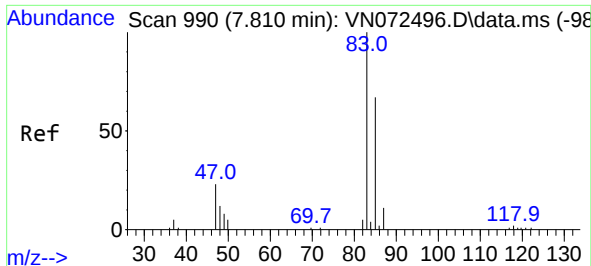


#24
Methyl tert-Butyl Ether
Concen: 194.423 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



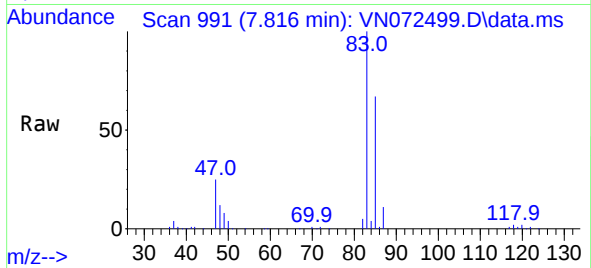
Tgt Ion: 73 Resp: 1115678
Ion Ratio Lower Upper
73 100
43 22.2 18.1 27.1





#25
Chloroform
Concen: 190.270 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

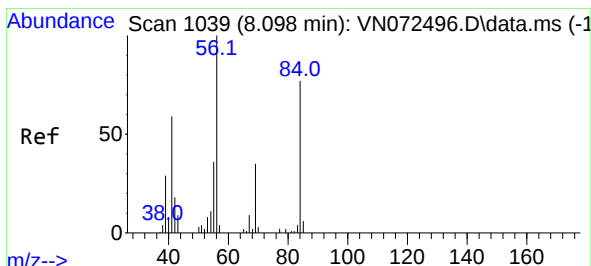
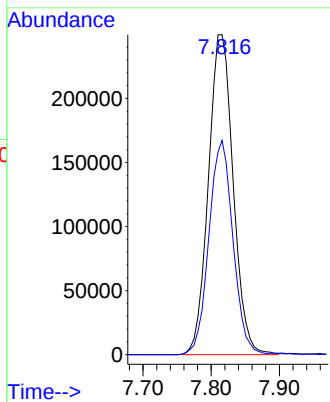
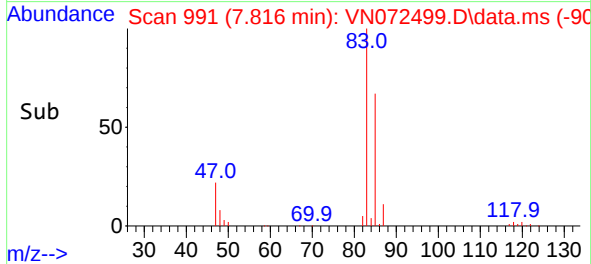
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 63297
Ion Ratio Lower Upper
83 100
85 67.0 51.3 76.9

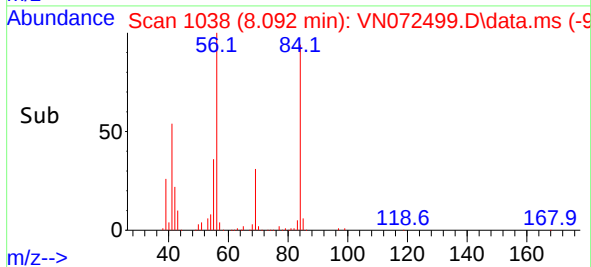
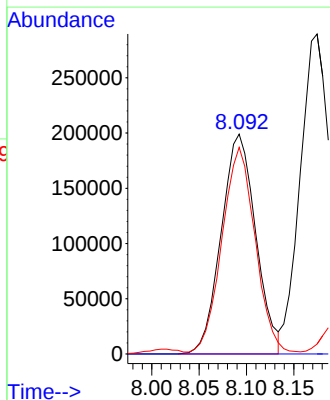
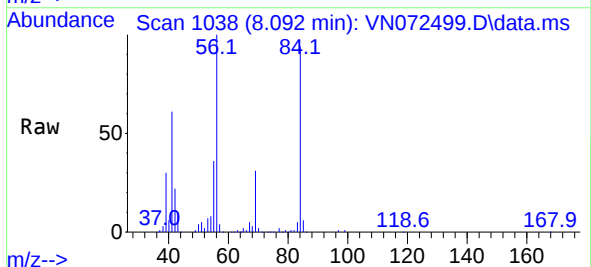
Manual Integrations
APPROVED

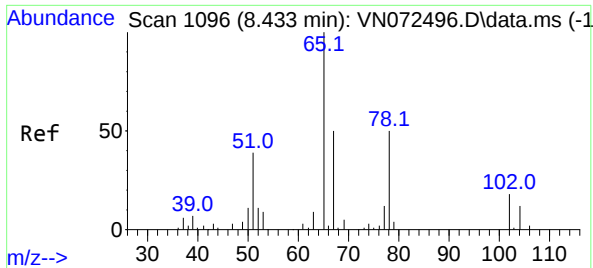
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#26
Cyclohexane
Concen: 186.546 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Tgt Ion: 56 Resp: 505834
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 91.0 74.6 111.8





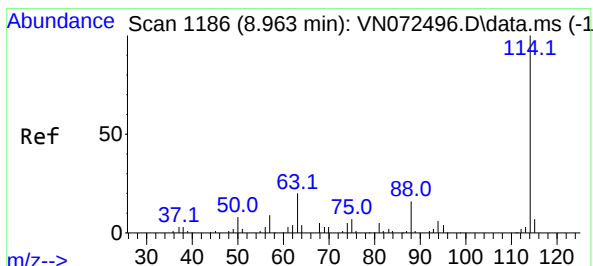
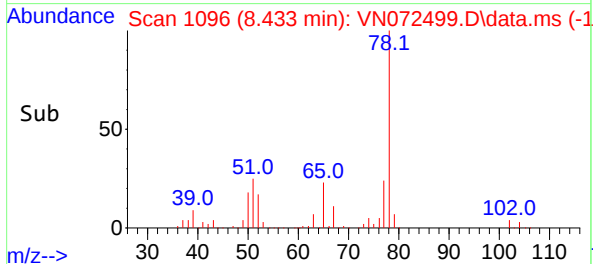
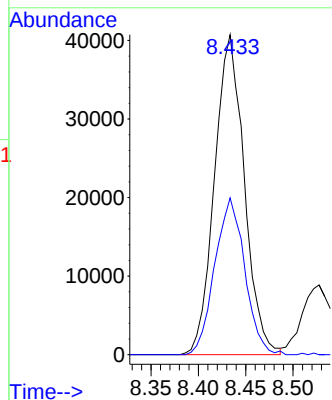
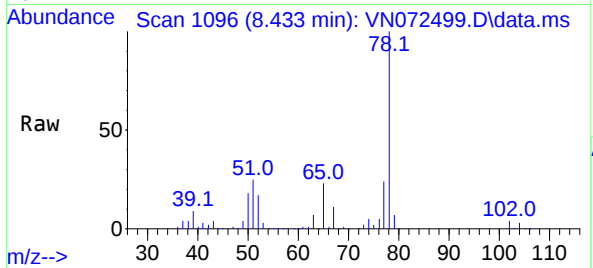
#27
1,2-Dichloroethane-d4
Concen: 34.582 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 8904
Ion Ratio Lower Upper
65 100
67 49.1 40.2 60.2

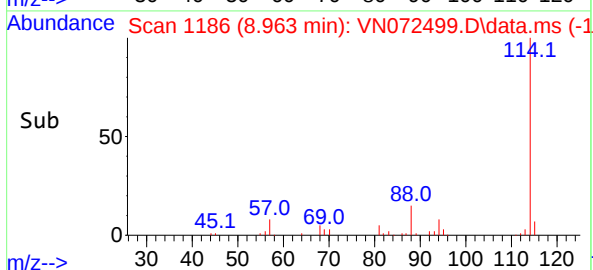
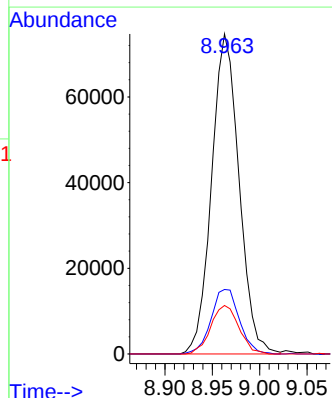
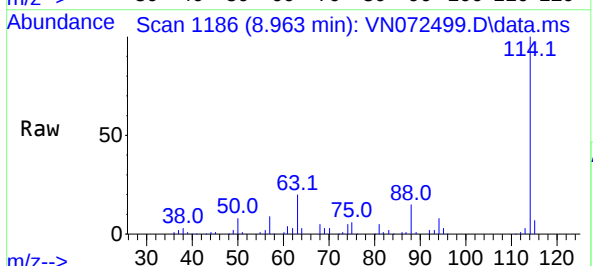
Manual Integrations
APPROVED

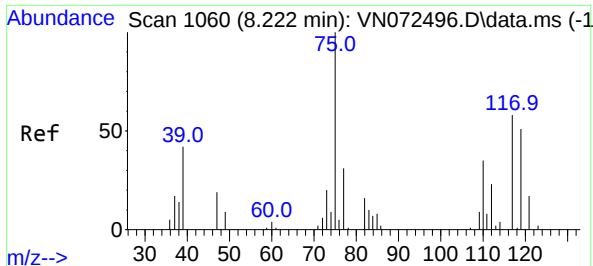
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

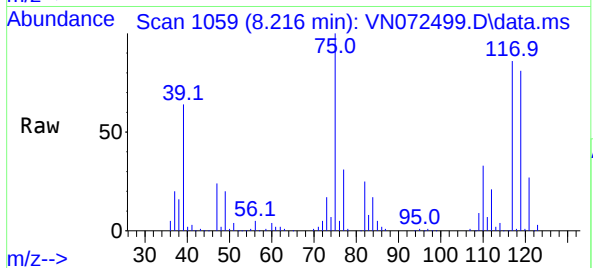
Tgt Ion:114 Resp: 150597
Ion Ratio Lower Upper
114 100
63 20.8 15.8 23.6
88 15.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 198.460 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

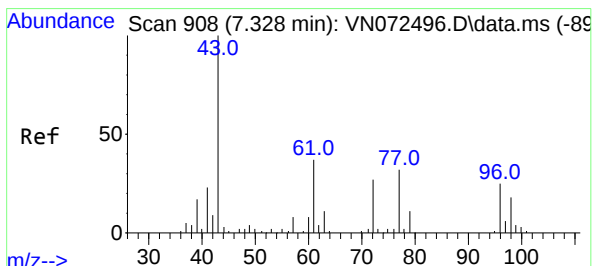
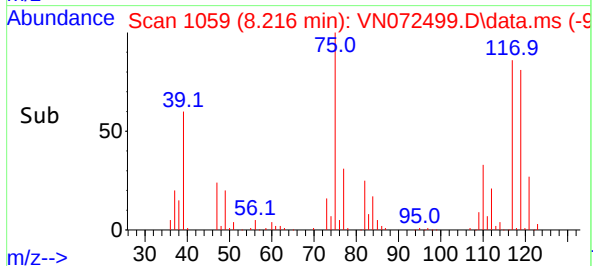
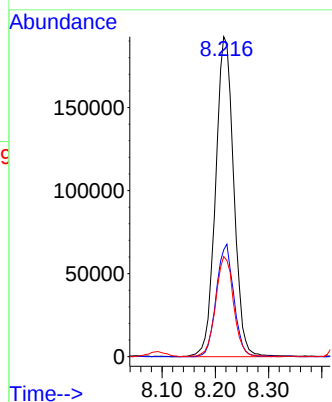
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 456799
Ion Ratio Lower Upper
75 100
110 33.6 0.0 74.2
77 31.1 0.0 63.2

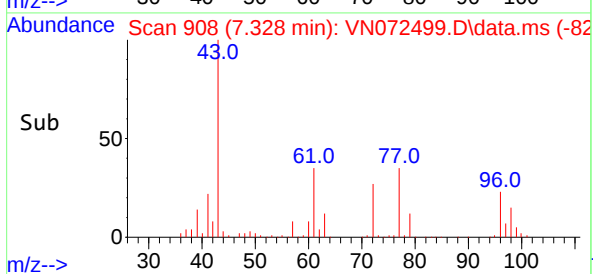
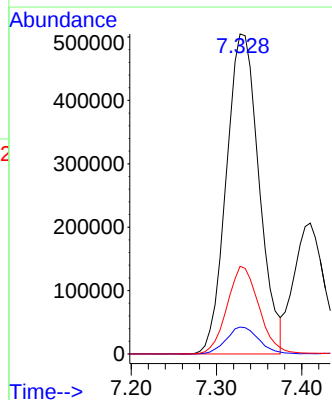
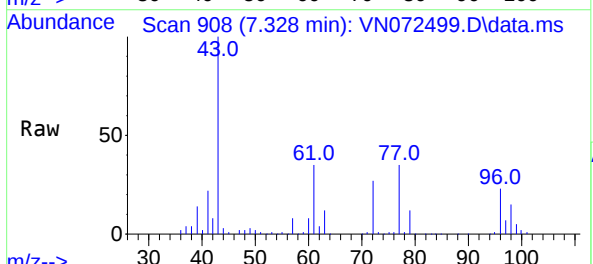
Manual Integrations
APPROVED

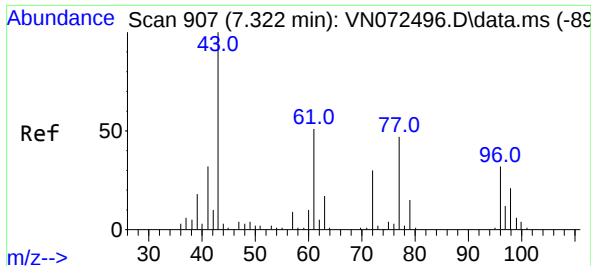
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#30
2-Butanone
Concen: 1026.496 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

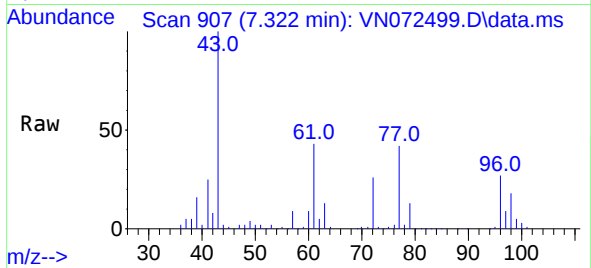
Tgt Ion: 43 Resp: 1350069
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 26.7 23.2 34.8





#31
2,2-Dichloropropane
Concen: 209.010 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

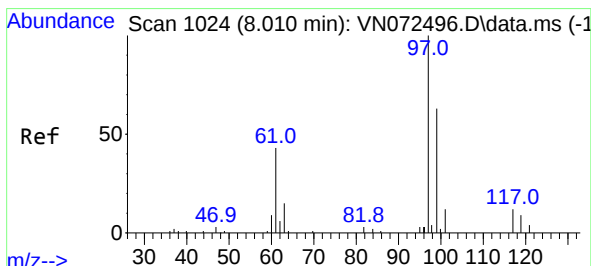
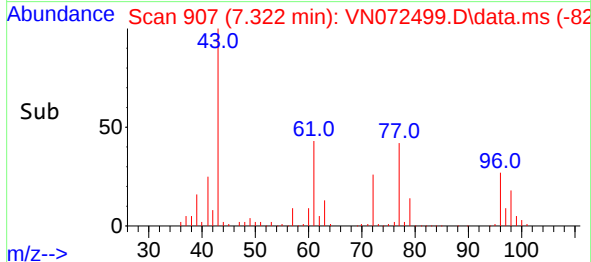
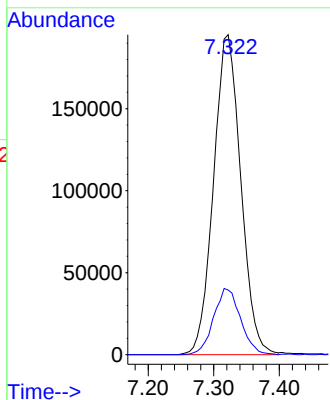
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 77 Resp: 56285
Ion Ratio Lower Upper
77 100
97 20.4 18.3 27.5

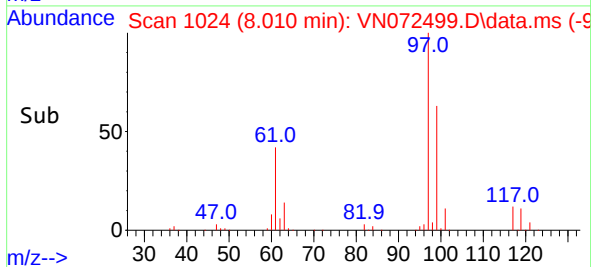
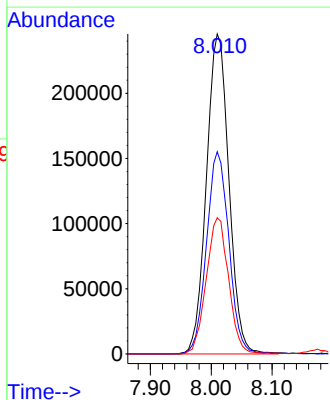
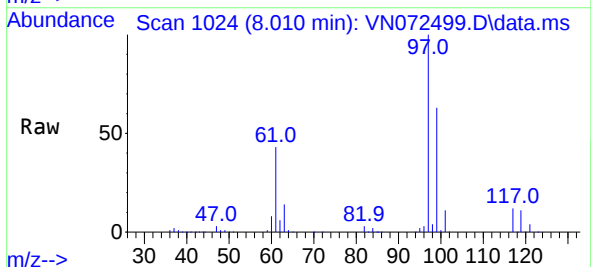
Manual Integrations
APPROVED

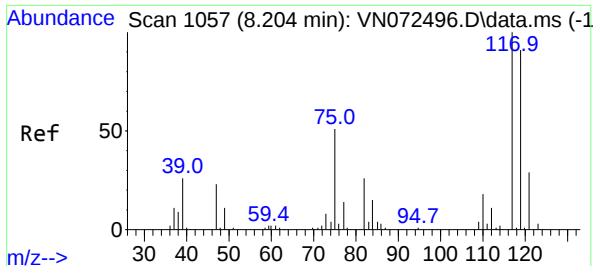
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#32
1,1,1-Trichloroethane
Concen: 217.070 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

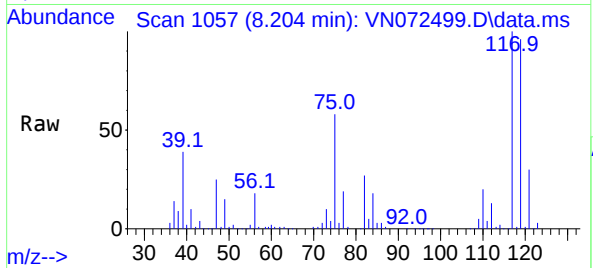
Tgt Ion: 97 Resp: 631234
Ion Ratio Lower Upper
97 100
99 62.6 50.4 75.6
61 42.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 221.327 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

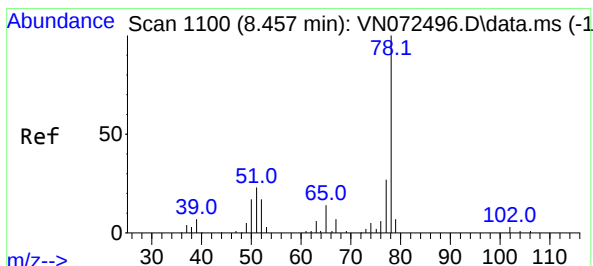
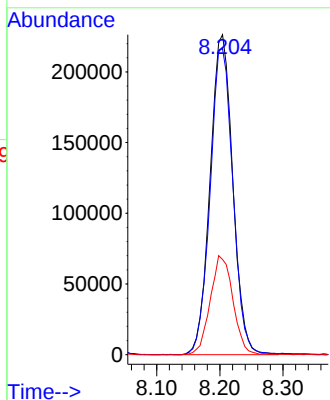
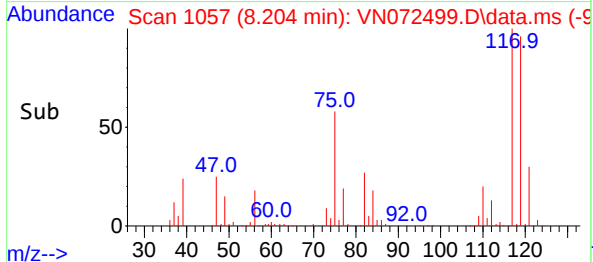
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



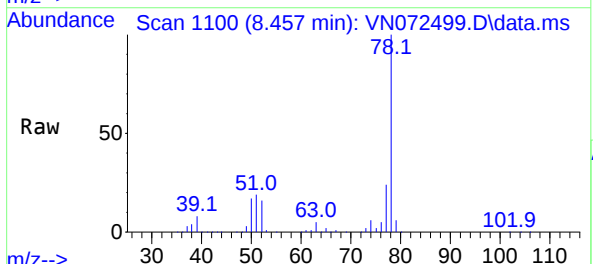
Tgt Ion:117 Resp: 564750
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
121 29.7 23.5 35.3

Manual Integrations
APPROVED

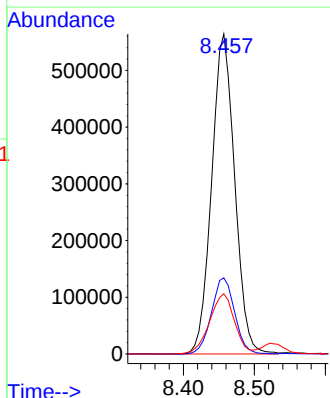
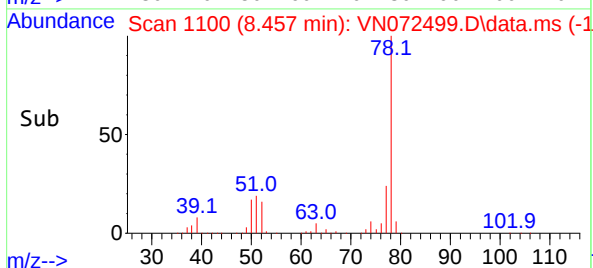
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

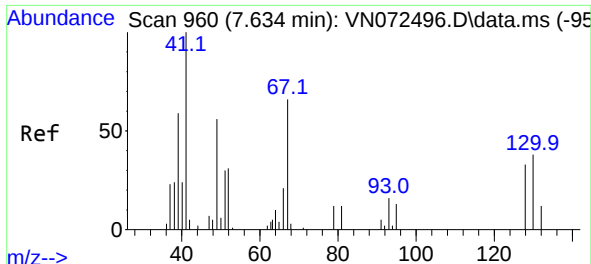


#34
Benzene
Concen: 181.101 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



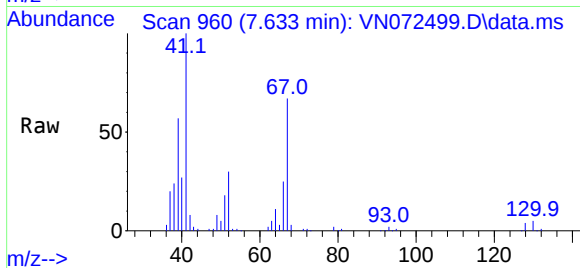
Tgt Ion: 78 Resp: 1268278
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7
51 18.7 16.0 24.0





#35
Methacrylonitrile
Concen: 229.451 ug/l
RT: 7.633 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

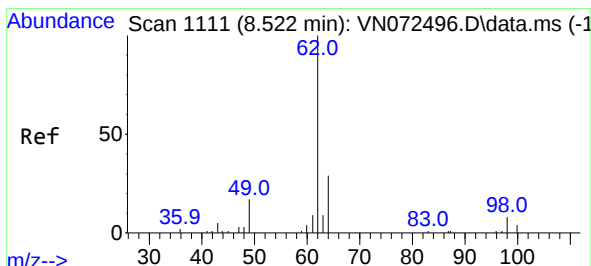
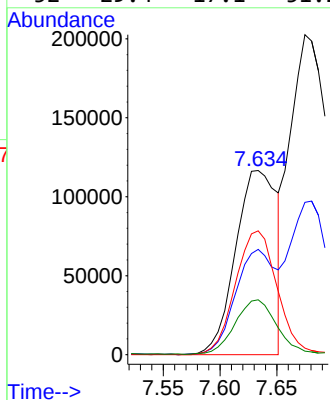
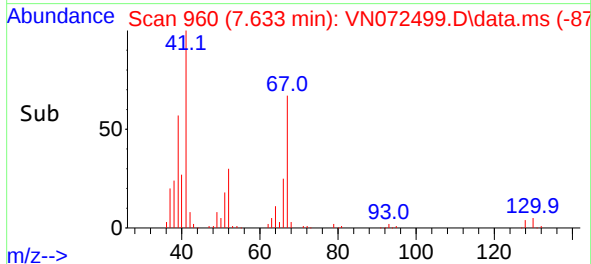
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



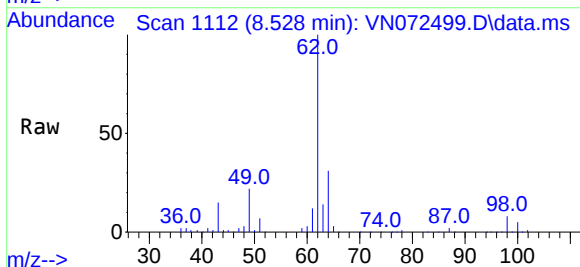
Tgt Ion: 41 Resp: 29434
Ion Ratio Lower Upper
41 100
39 57.2 28.0 83.9
67 67.3 37.7 113.1
52 29.4 17.1 51.2

Manual Integrations
APPROVED

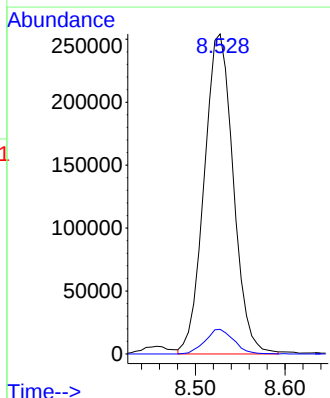
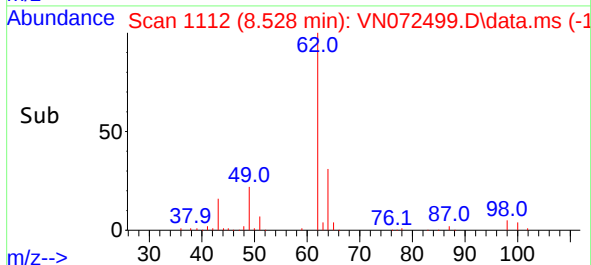
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

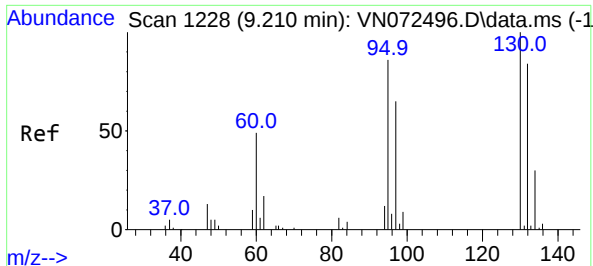


#36
1,2-Dichloroethane
Concen: 208.403 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



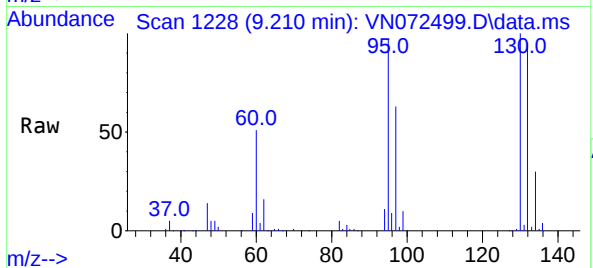
Tgt Ion: 62 Resp: 572494
Ion Ratio Lower Upper
62 100
98 7.6 6.6 10.0





#37
Trichloroethene
Concen: 185.560 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

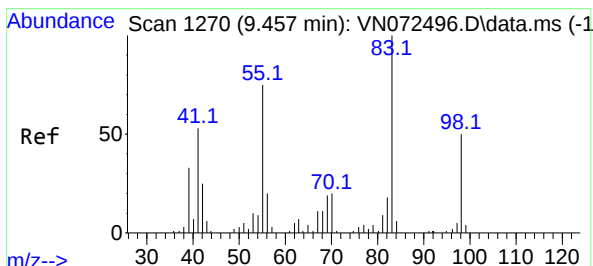
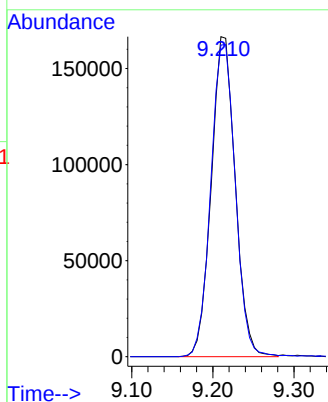
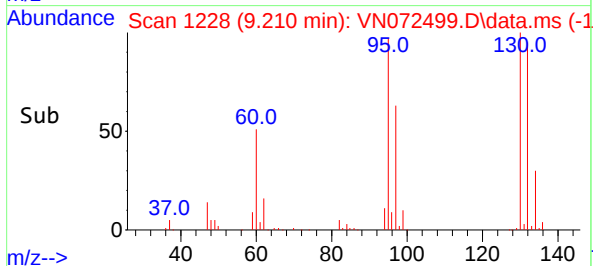
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



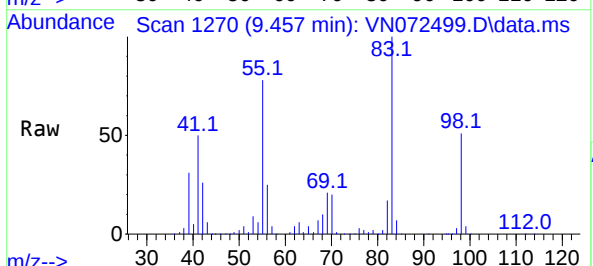
Tgt Ion:130 Resp: 341838
Ion Ratio Lower Upper
130 100
95 97.4 76.6 115.0

Manual Integrations
APPROVED

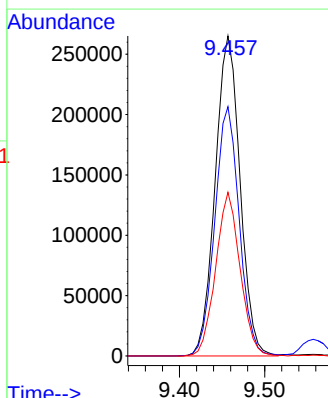
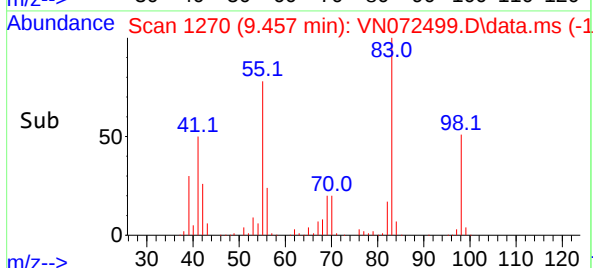
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

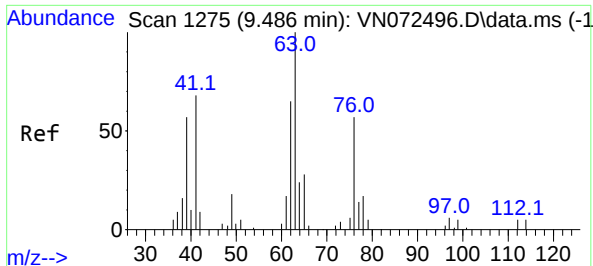


#38
Methylcyclohexane
Concen: 191.043 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion: 83 Resp: 538777
Ion Ratio Lower Upper
83 100
55 76.3 35.1 105.3
98 50.2 23.4 70.2





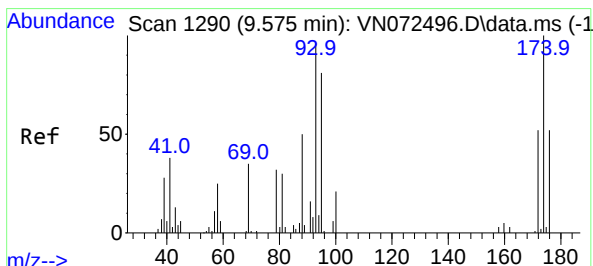
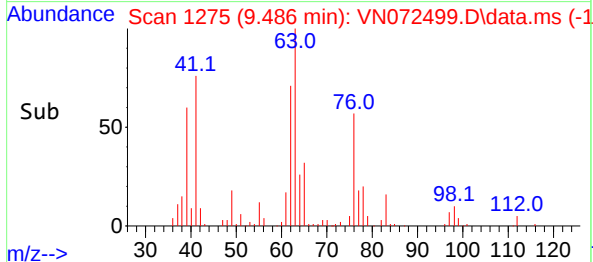
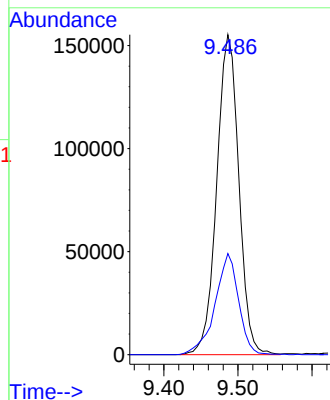
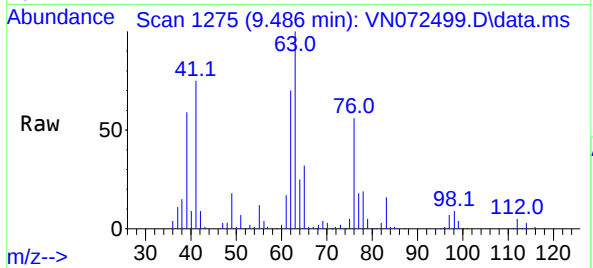
#39
1,2-Dichloropropane
Concen: 181.854 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 321532
Ion Ratio Lower Upper
63 100
65 31.5 24.2 36.4

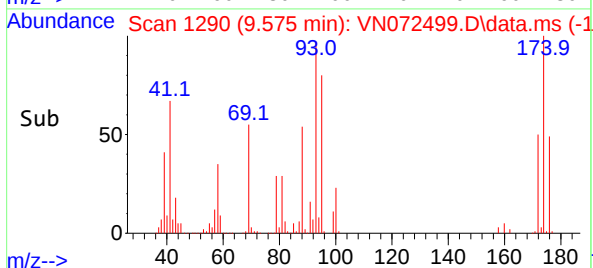
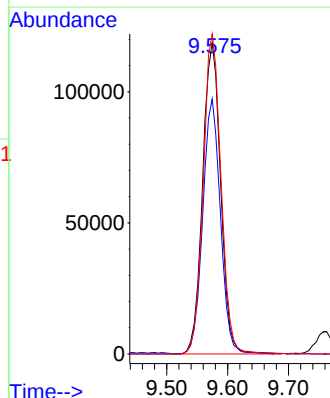
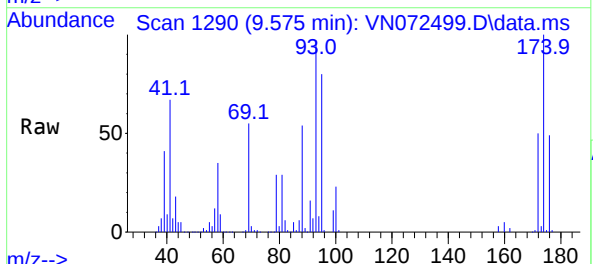
Manual Integrations
APPROVED

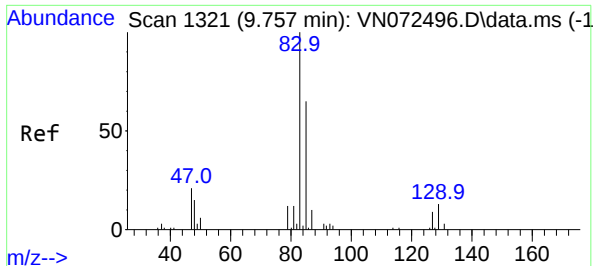
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#40
Dibromomethane
Concen: 195.241 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

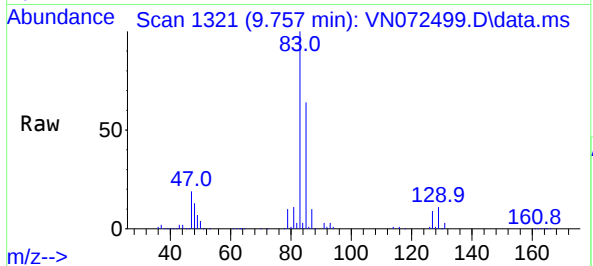
Tgt Ion: 93 Resp: 244356
Ion Ratio Lower Upper
93 100
95 80.1 0.0 168.8
174 100.6 0.0 173.6





#41
Bromodichloromethane
Concen: 207.653 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

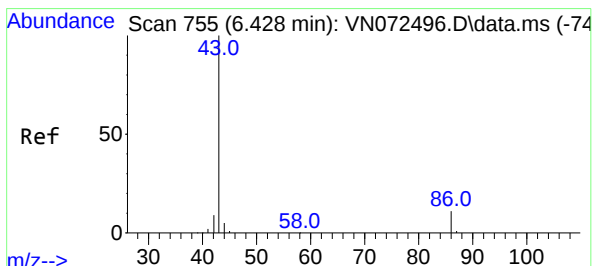
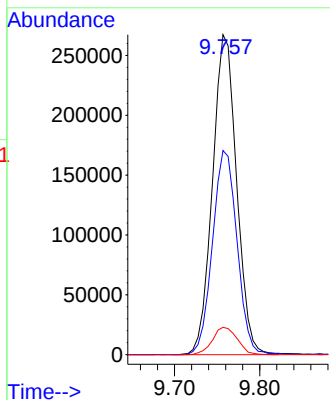
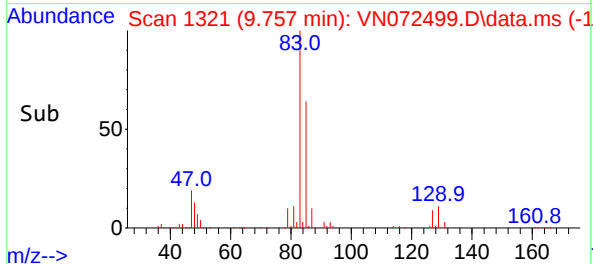
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



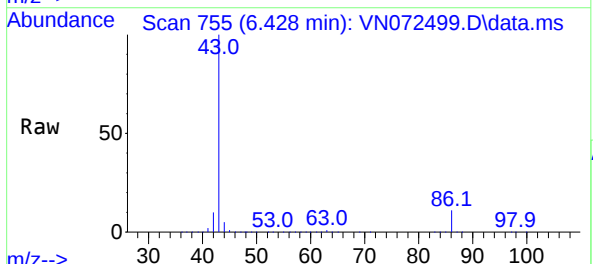
Tgt Ion: 83 Resp: 525832
Ion Ratio Lower Upper
83 100
85 63.8 54.1 81.1
127 8.6 7.6 11.4

Manual Integrations
APPROVED

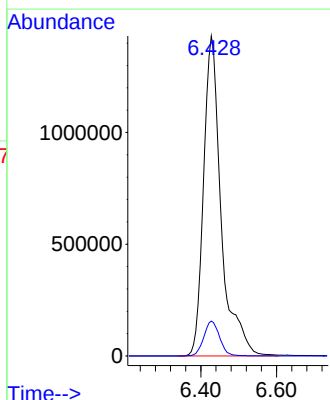
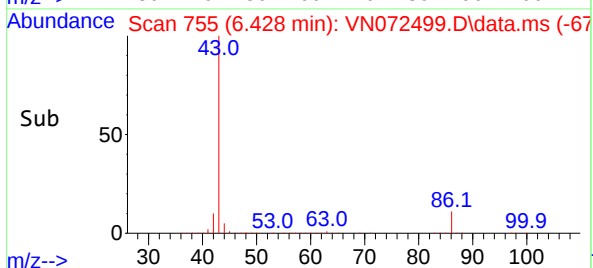
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

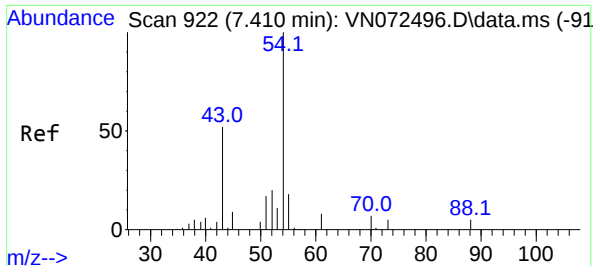


#42
Vinyl Acetate
Concen: 1031.002 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



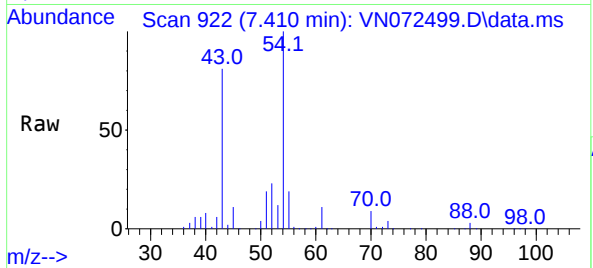
Tgt Ion: 43 Resp: 4623565
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3





#43
Ethyl Acetate
Concen: 210.305 ug/l
RT: 7.410 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

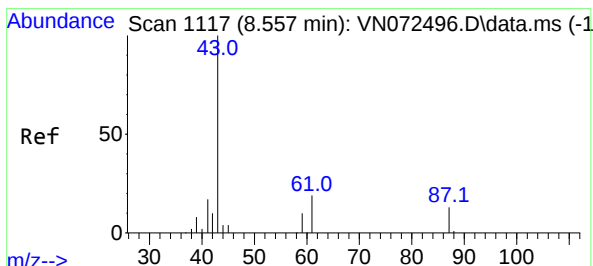
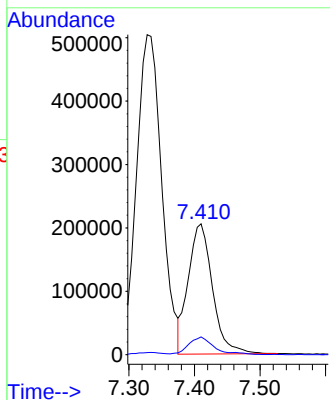
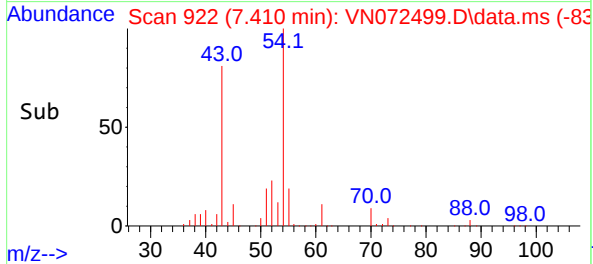
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



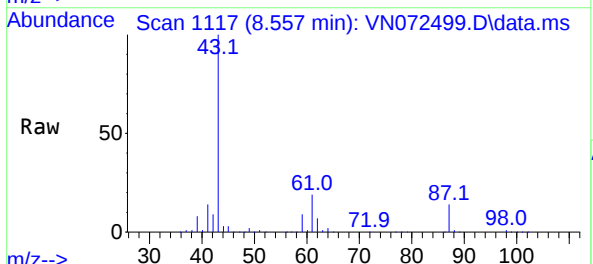
Tgt Ion: 43 Resp: 52732
Ion Ratio Lower Upper
43 100
45 12.1 10.6 16.0

Manual Integrations
APPROVED

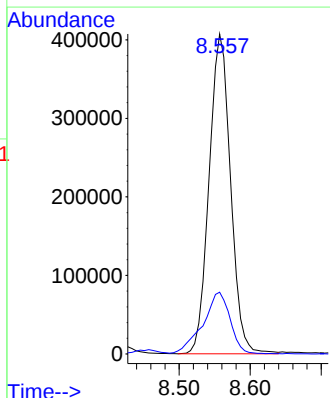
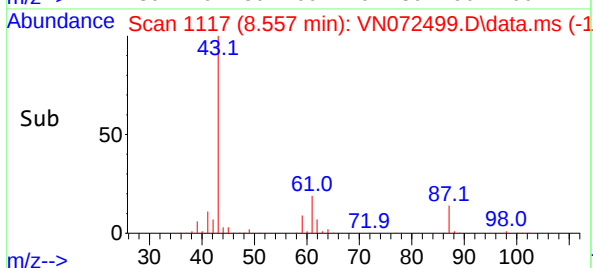
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

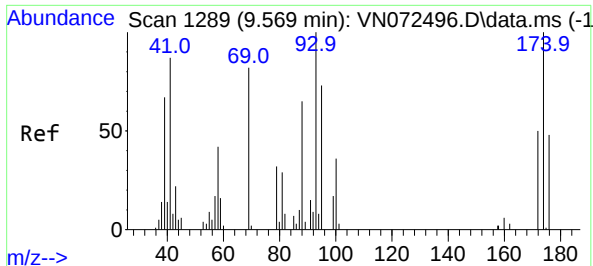


#44
Isopropyl Acetate
Concen: 206.851 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



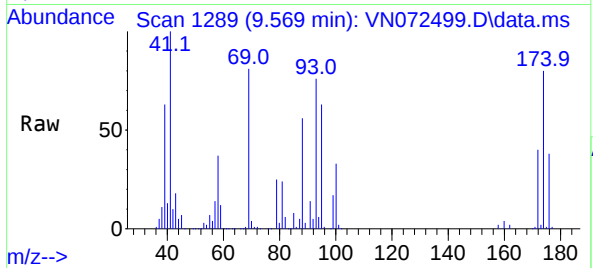
Tgt Ion: 43 Resp: 852697
Ion Ratio Lower Upper
43 100
61 24.8 20.1 30.1





#45
1,4-Dioxane
Concen: 4142.731 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

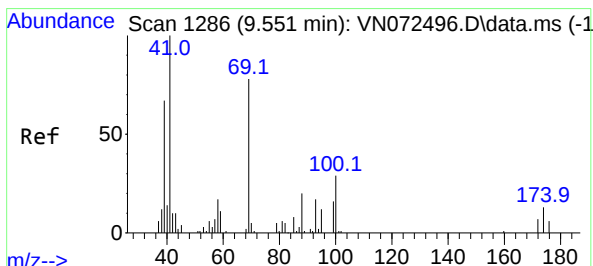
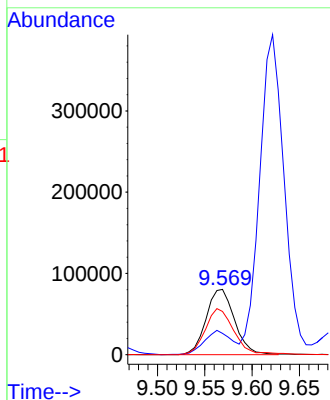
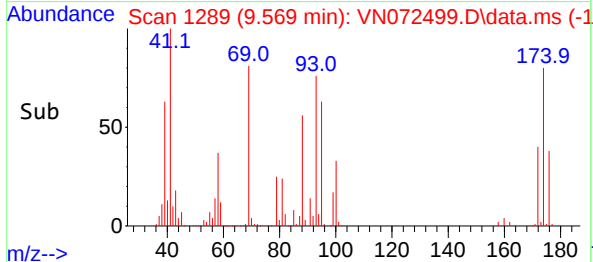
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



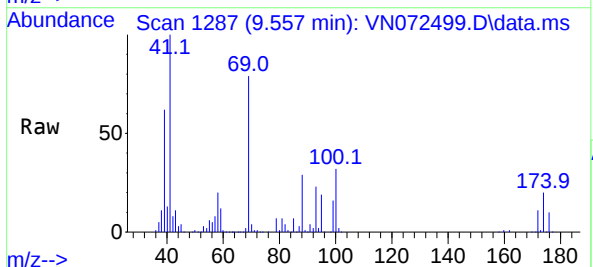
Tgt Ion: 88 Resp: 167679
Ion Ratio Lower Upper
88 100
43 36.1 25.0 37.6
58 68.8 49.4 74.2

Manual Integrations
APPROVED

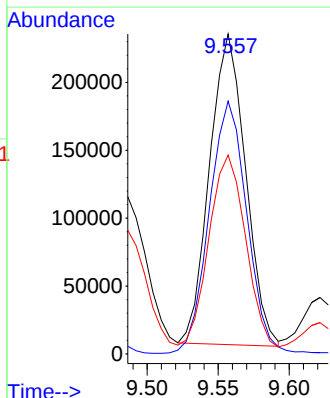
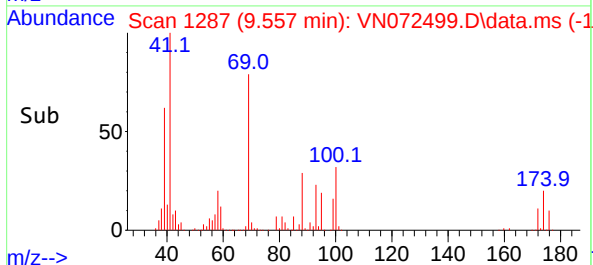
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

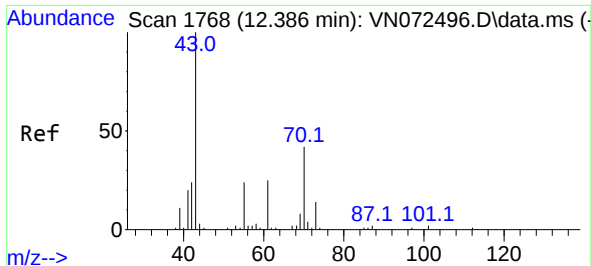


#46
Methyl methacrylate
Concen: 223.152 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion: 41 Resp: 402955
Ion Ratio Lower Upper
41 100
69 80.5 44.4 133.2
39 62.1 39.9 119.6





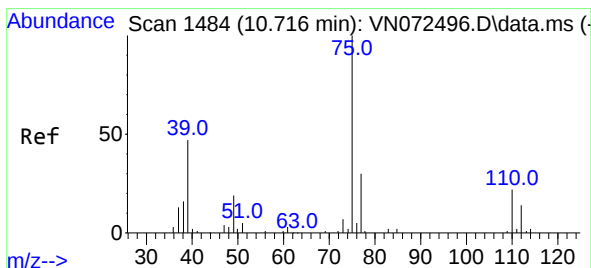
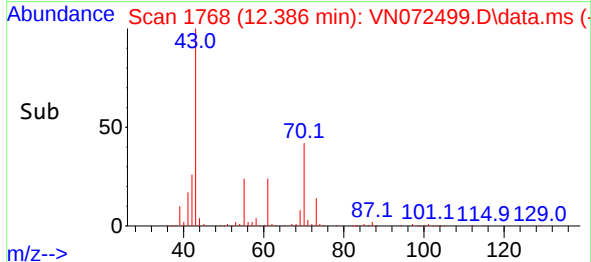
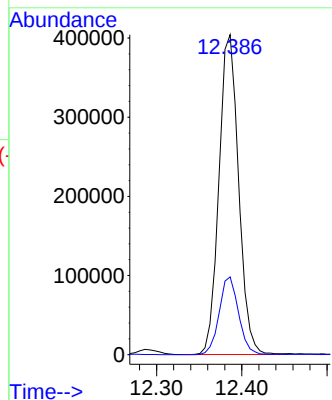
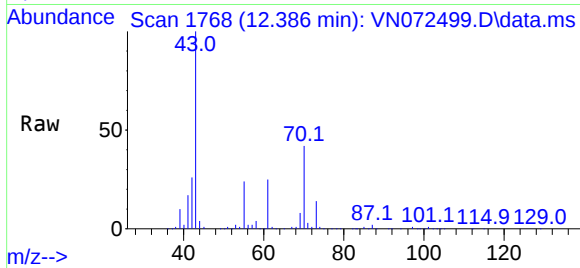
#47
n-amy1 Acetate
Concen: 241.491 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 64849
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.6

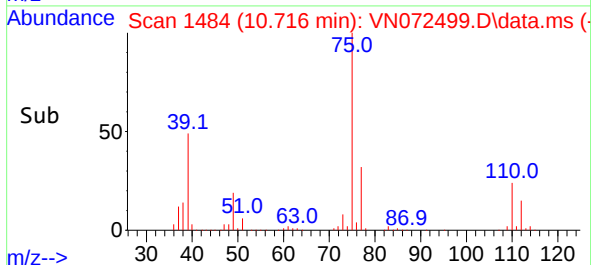
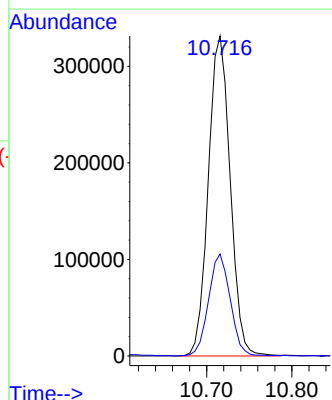
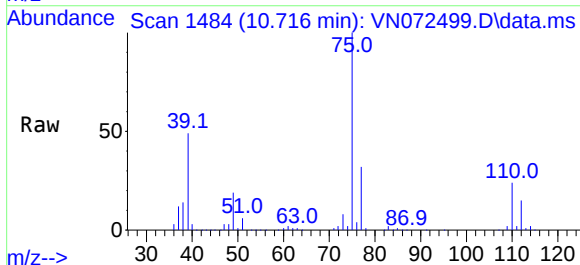
Manual Integrations
APPROVED

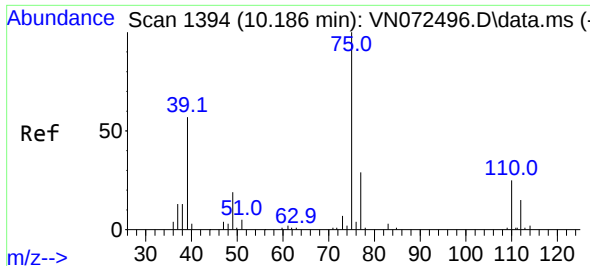
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#48
t-1,3-Dichloropropene
Concen: 217.959 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

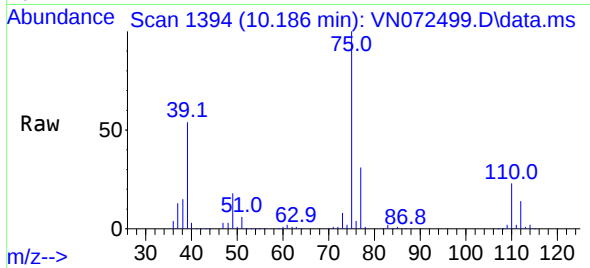
Tgt Ion: 75 Resp: 590588
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 204.076 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

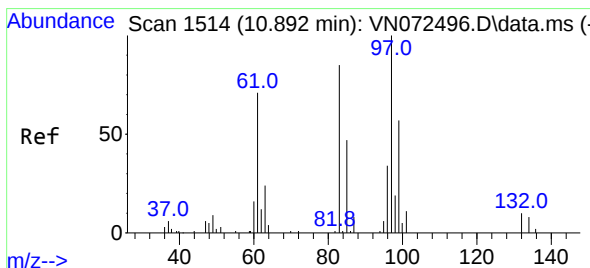
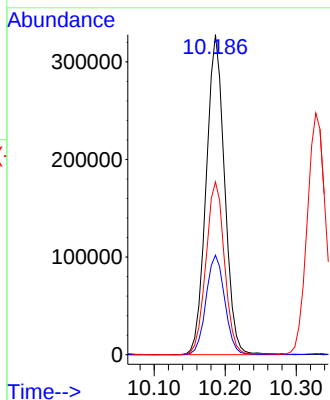
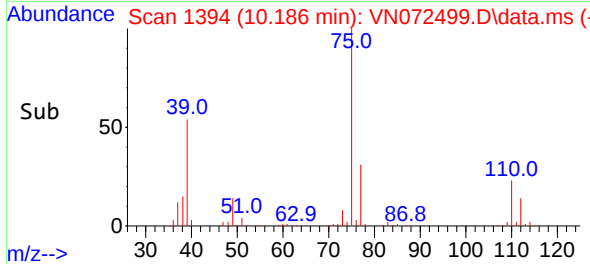
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



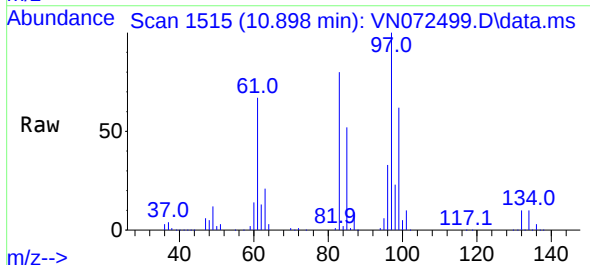
Tgt Ion: 75 Resp: 59099
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 54.0 46.2 69.4

Manual Integrations
APPROVED

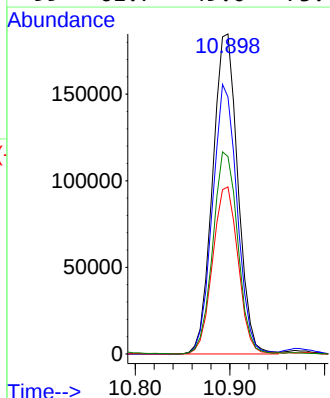
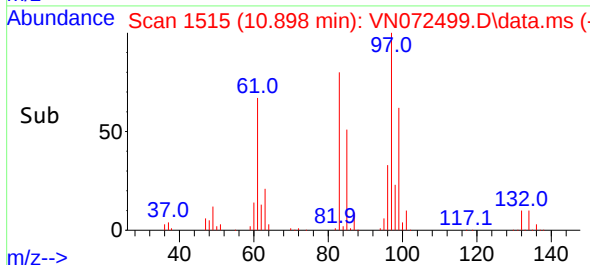
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

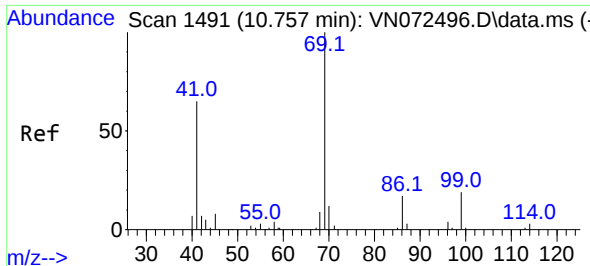


#50
1,1,2-Trichloroethane
Concen: 190.779 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion: 97 Resp: 342684
Ion Ratio Lower Upper
97 100
83 80.3 67.2 100.8
85 52.2 43.0 64.4
99 61.7 49.0 73.4





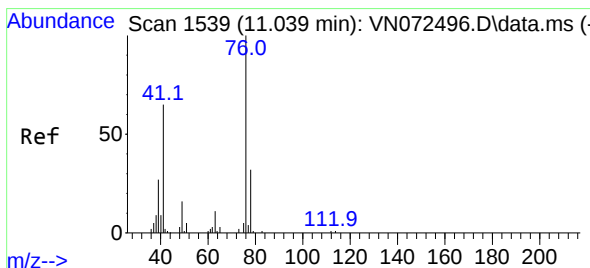
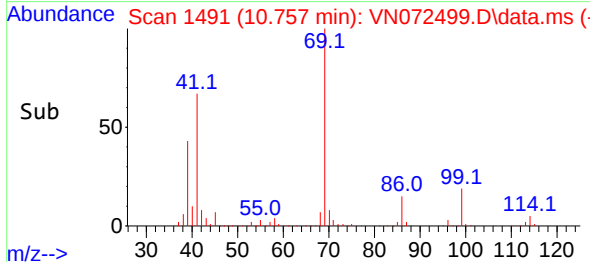
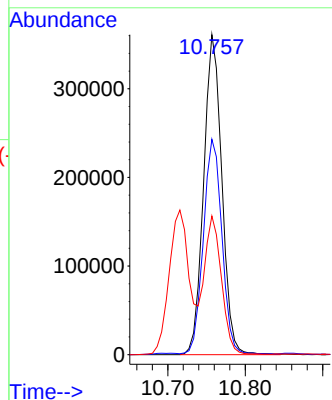
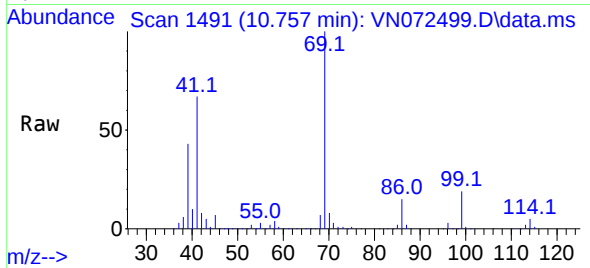
#51
Ethyl methacrylate
Concen: 211.651 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 69 Resp: 588949
Ion Ratio Lower Upper
69 100
41 67.0 33.0 98.9
39 43.2 25.4 76.4

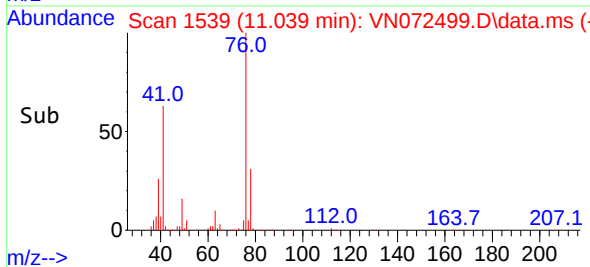
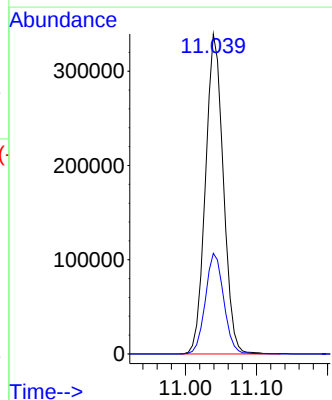
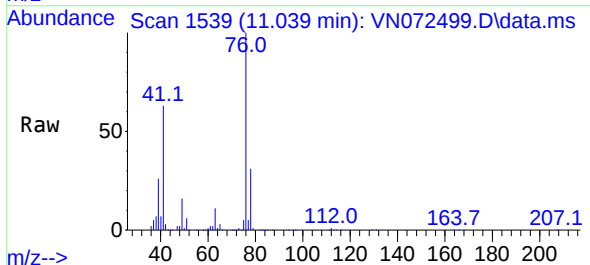
Manual Integrations
APPROVED

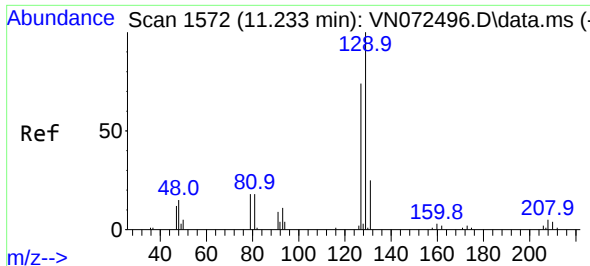
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#52
1,3-Dichloropropane
Concen: 192.287 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Tgt Ion: 76 Resp: 594102
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





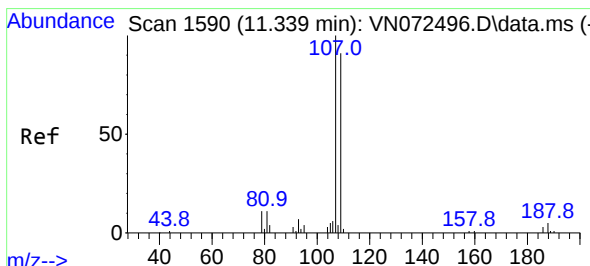
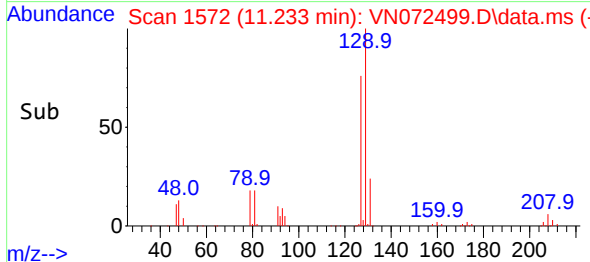
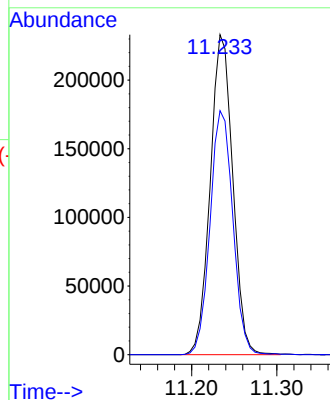
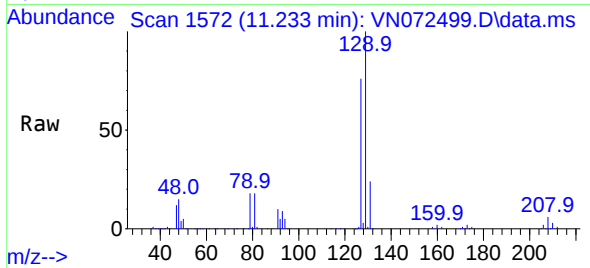
#53
Dibromochloromethane
Concen: 215.311 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 42896
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

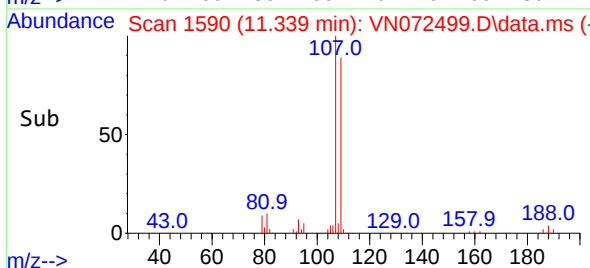
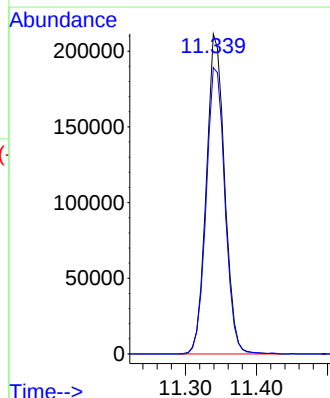
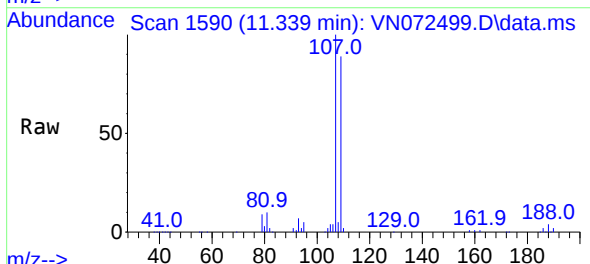
Manual Integrations
APPROVED

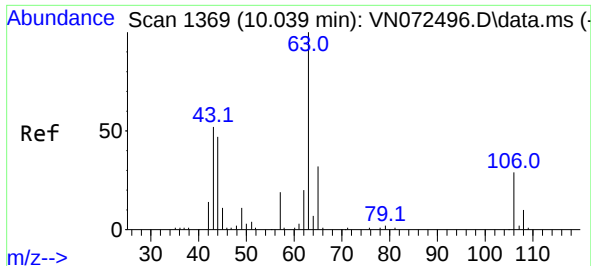
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#54
1,2-Dibromoethane
Concen: 203.333 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

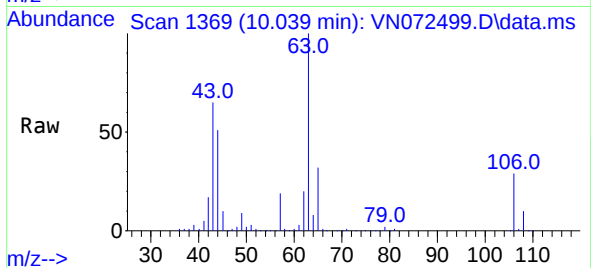
Tgt Ion:107 Resp: 378677
Ion Ratio Lower Upper
107 100
109 91.8 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 1188.520 ug/l
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

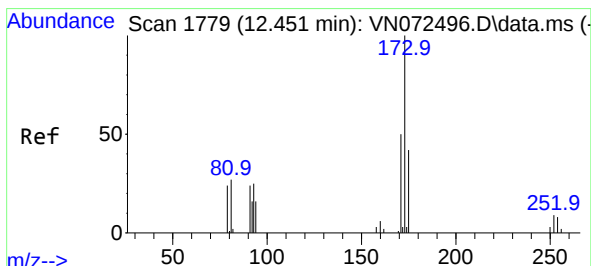
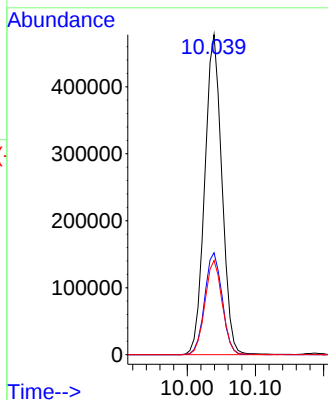
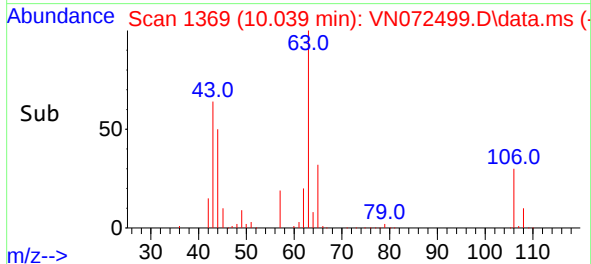
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



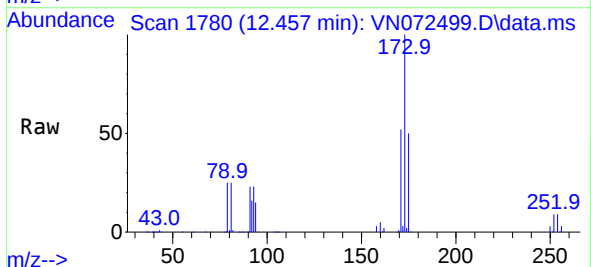
Tgt Ion: 63 Resp: 836349
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 29.7 23.2 34.8

Manual Integrations
APPROVED

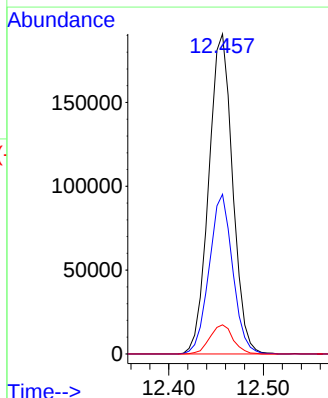
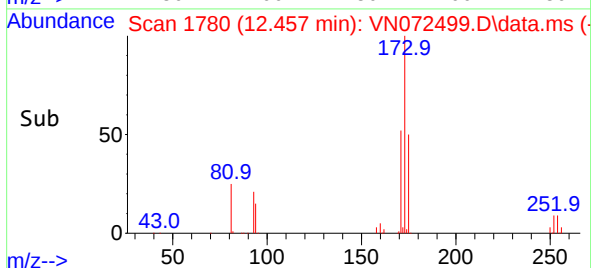
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

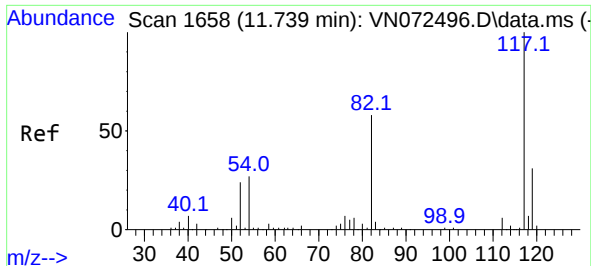


#56
Bromoform
Concen: 224.257 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion:173 Resp: 334151
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
254 8.9 0.0 0.0#





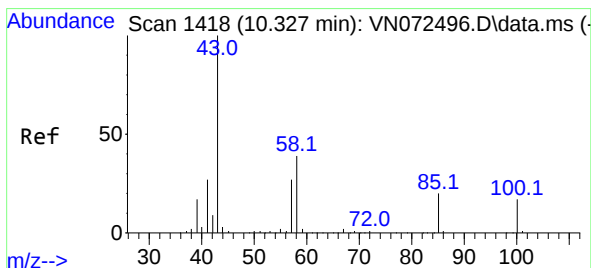
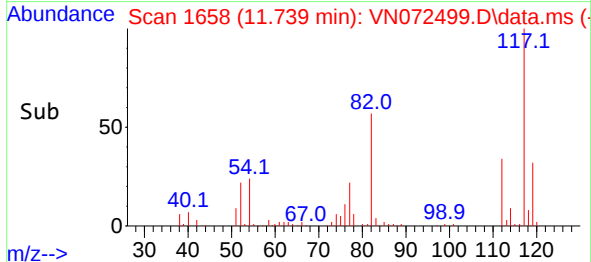
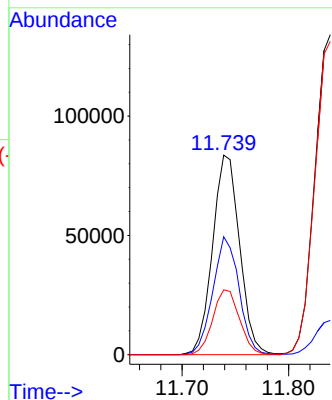
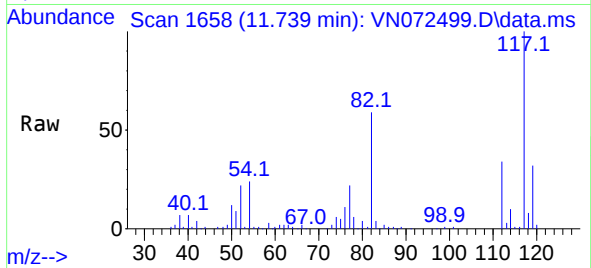
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 14770
Ion Ratio Lower Upper
117 100
82 57.2 43.6 65.4
119 32.1 25.8 38.6

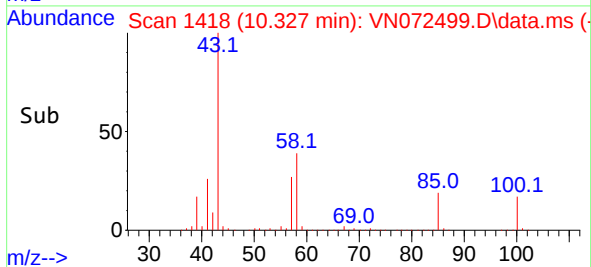
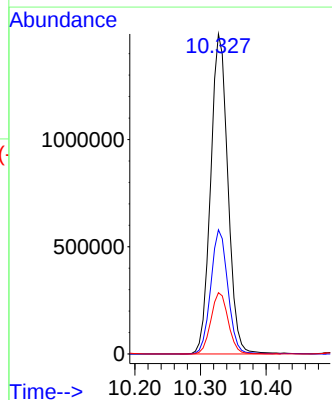
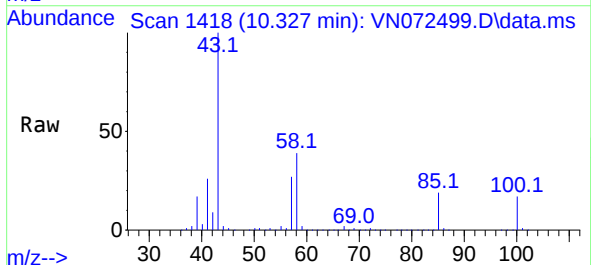
Manual Integrations
APPROVED

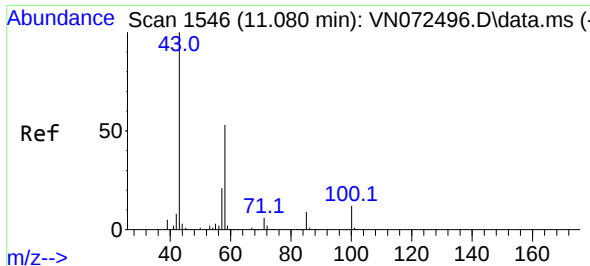
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#58
4-Methyl-2-Pentanone
Concen: 1017.239 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

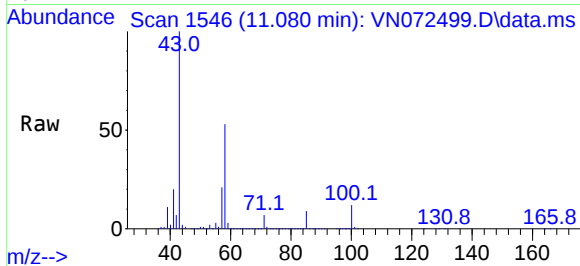
Tgt Ion: 43 Resp: 2723185
Ion Ratio Lower Upper
43 100
58 38.5 30.0 45.0
85 19.2 15.0 22.6





#59
2-Hexanone
Concen: 1050.083 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

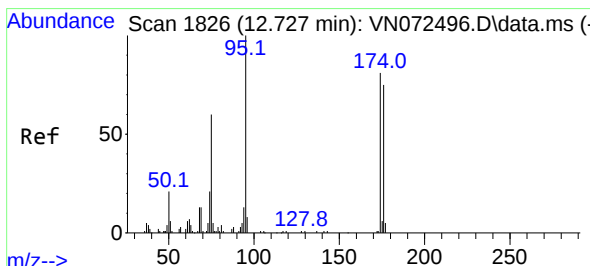
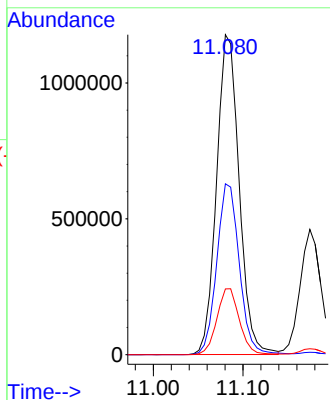
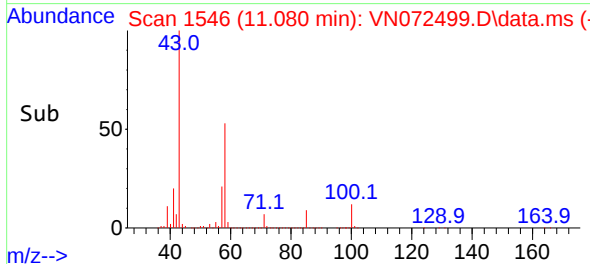
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



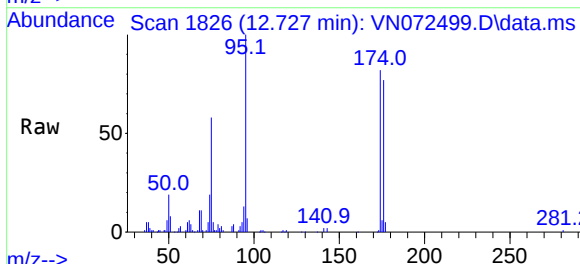
Tgt Ion: 43 Resp: 205938
Ion Ratio Lower Upper
43 100
58 53.4 42.2 63.2
57 20.6 15.0 22.4

Manual Integrations
APPROVED

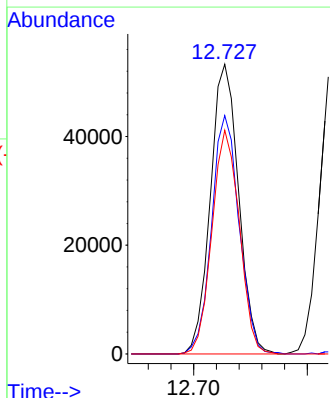
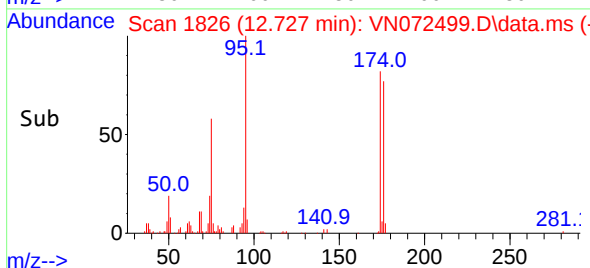
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

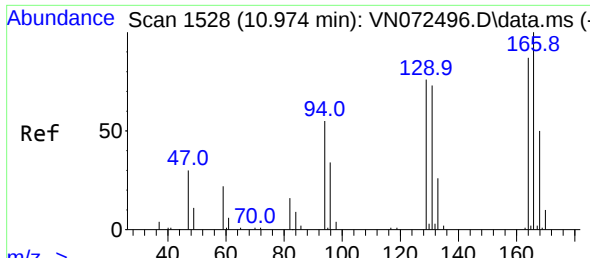


#60
4-Bromofluorobenzene
Concen: 37.689 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



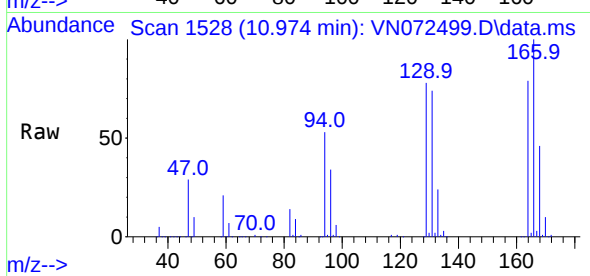
Tgt Ion: 95 Resp: 92006
Ion Ratio Lower Upper
95 100
174 80.3 62.9 94.3
176 74.9 61.0 91.4





#61
Tetrachloroethene
Concen: 180.699 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

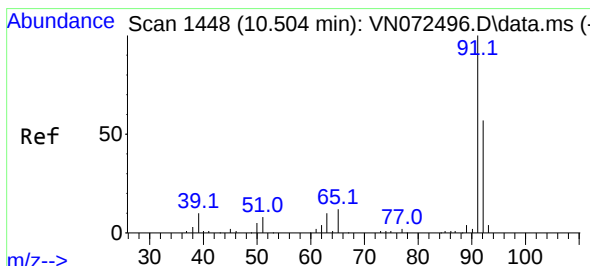
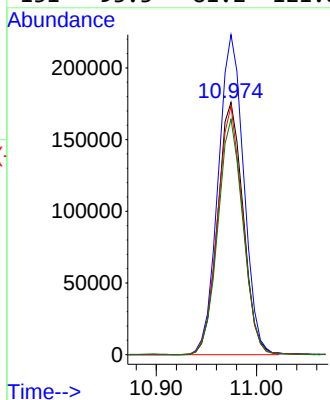
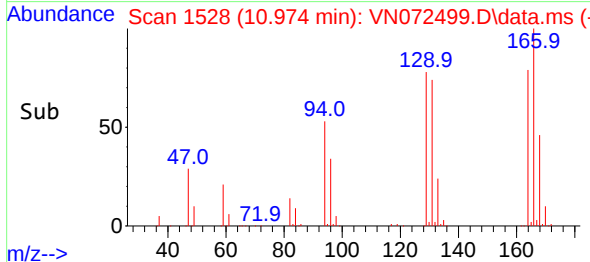
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



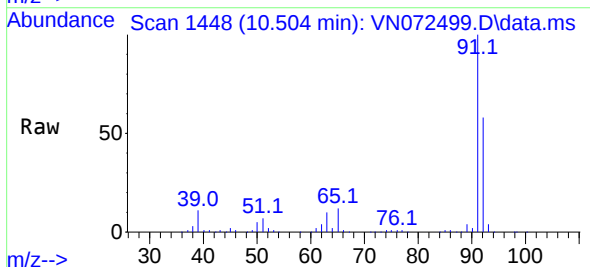
Tgt Ion:164 Resp: 31138
Ion Ratio Lower Upper
164 100
166 126.8 105.8 158.8
129 98.6 82.5 123.7
131 93.3 81.2 121.8

Manual Integrations
APPROVED

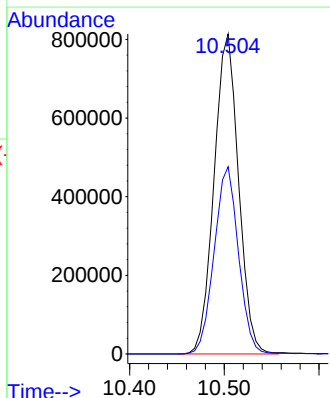
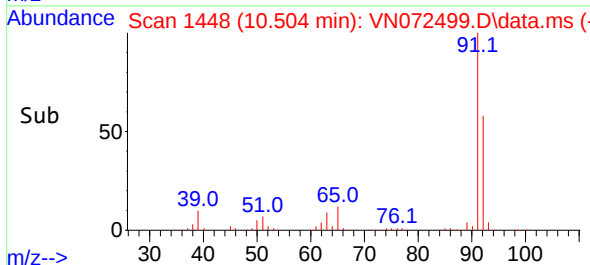
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

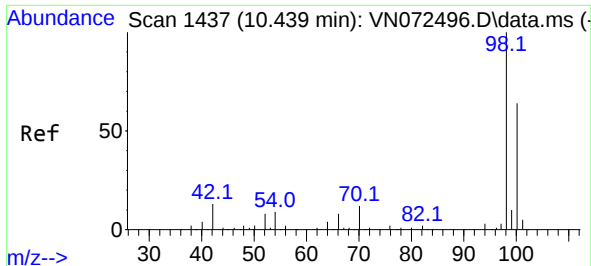


#62
Toluene
Concen: 178.174 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



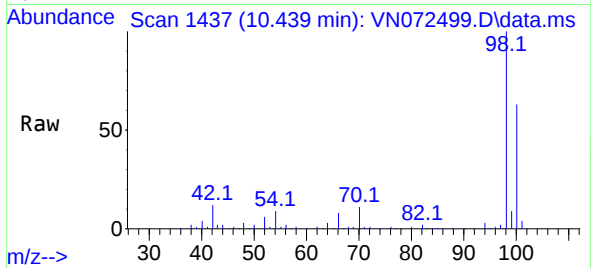
Tgt Ion: 91 Resp: 1461720
Ion Ratio Lower Upper
91 100
92 58.1 44.6 67.0





#63
Toluene-d8
Concen: 32.337 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

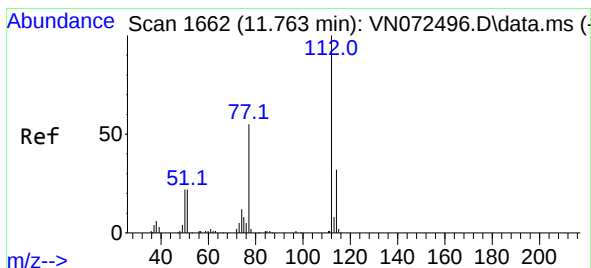
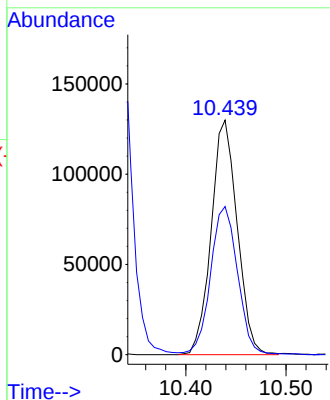
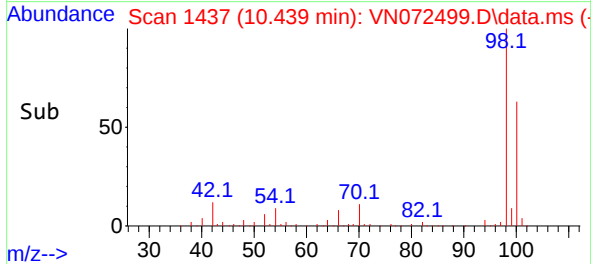
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



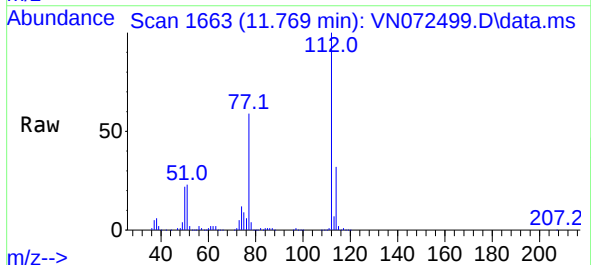
Tgt Ion: 98 Resp: 234499
Ion Ratio Lower Upper
98 100
100 65.6 50.6 76.0

Manual Integrations
APPROVED

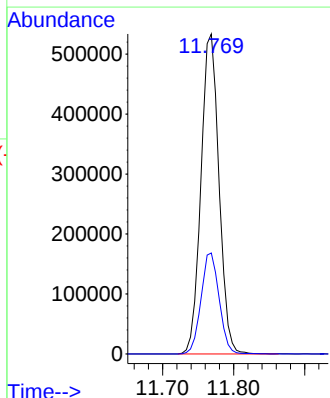
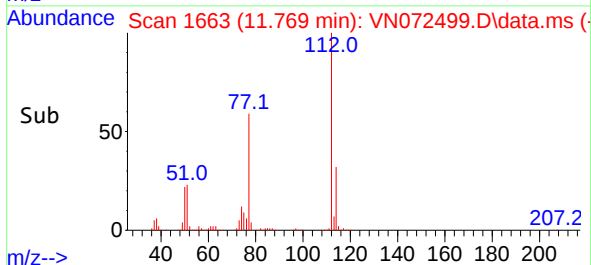
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

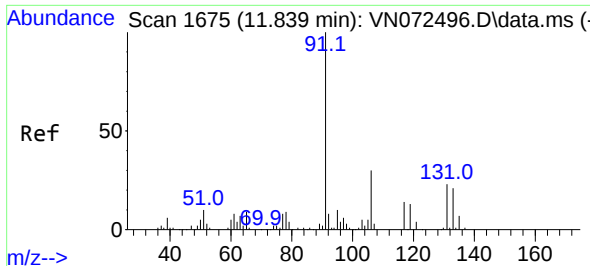


#64
Chlorobenzene
Concen: 185.973 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



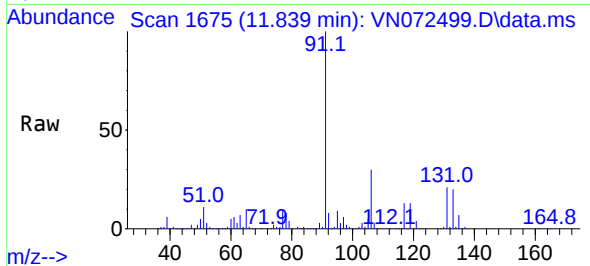
Tgt Ion:112 Resp: 942347
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 195.680 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

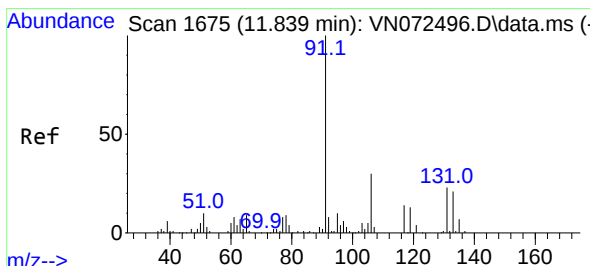
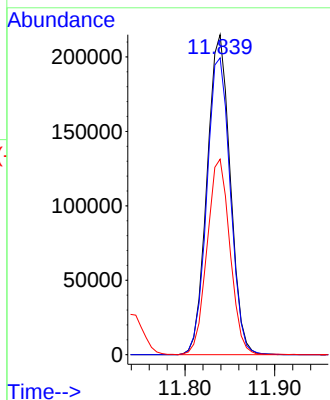
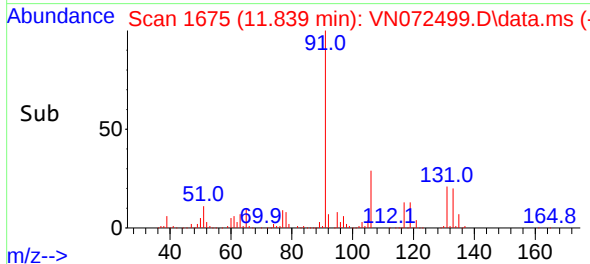
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



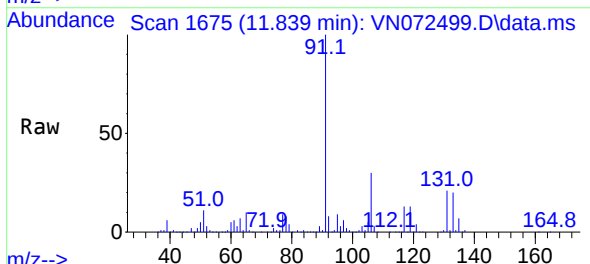
Tgt Ion:131 Resp: 38504
Ion Ratio Lower Upper
131 100
133 94.0 0.0 191.2
119 60.4 0.0 128.8

Manual Integrations
APPROVED

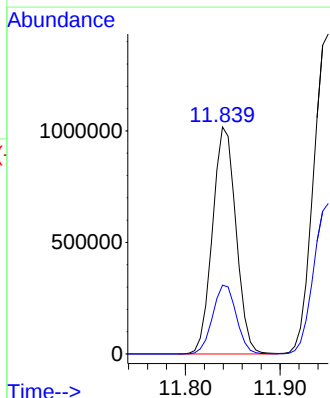
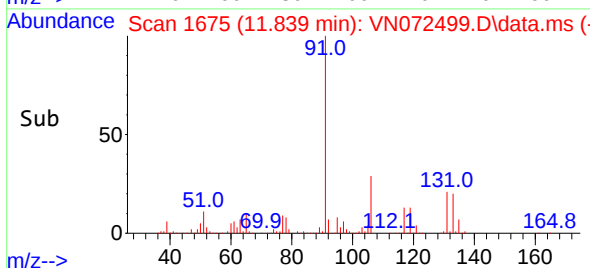
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

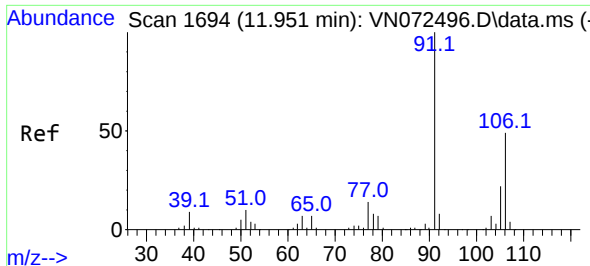


#66
Ethyl Benzene
Concen: 194.111 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



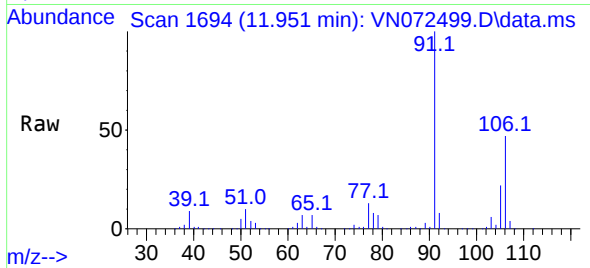
Tgt Ion: 91 Resp: 1754549
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





#67
m/p-Xylenes
Concen: 381.367 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

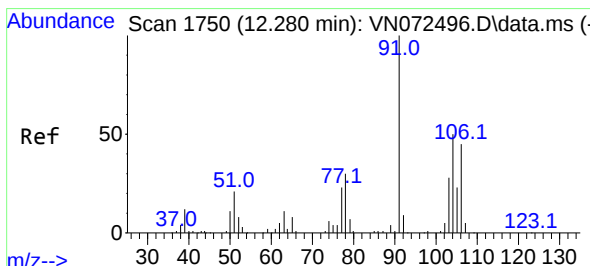
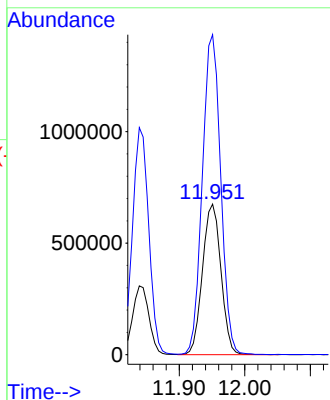
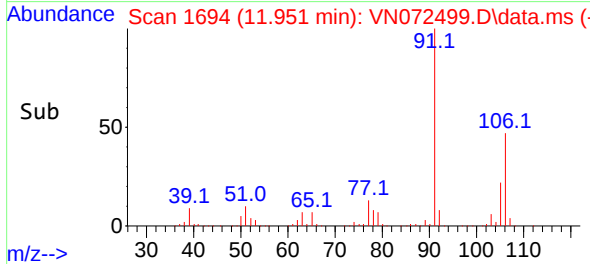
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



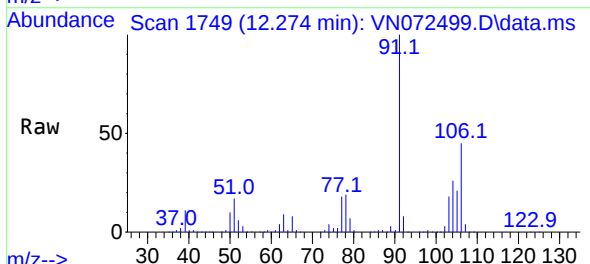
Tgt Ion:106 Resp: 132409
Ion Ratio Lower Upper
106 100
91 211.2 162.9 244.3

Manual Integrations
APPROVED

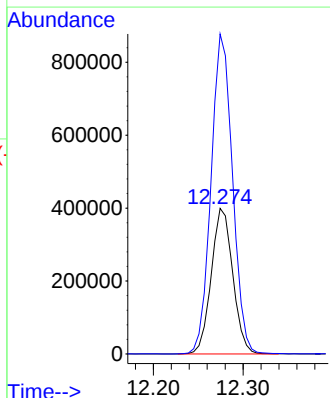
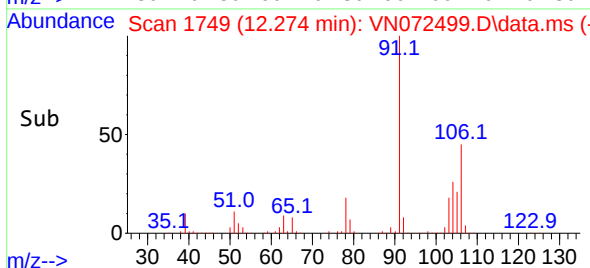
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

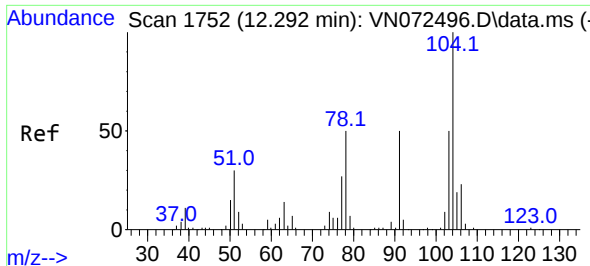


#68
o-Xylene
Concen: 192.087 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



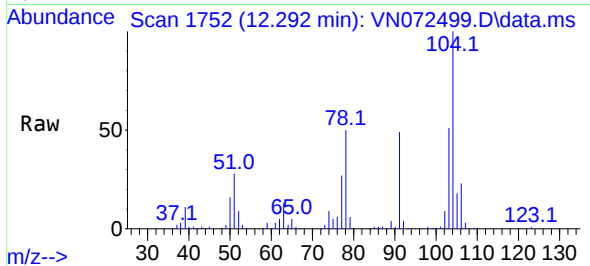
Tgt Ion:106 Resp: 664929
Ion Ratio Lower Upper
106 100
91 219.5 107.7 323.1





#69
Styrene
Concen: 200.665 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

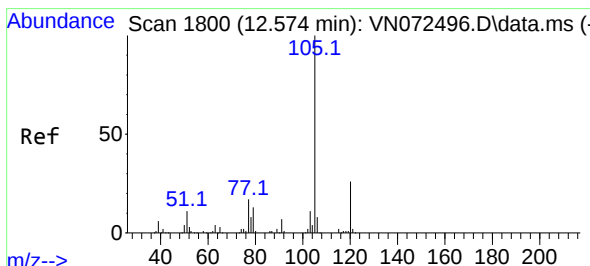
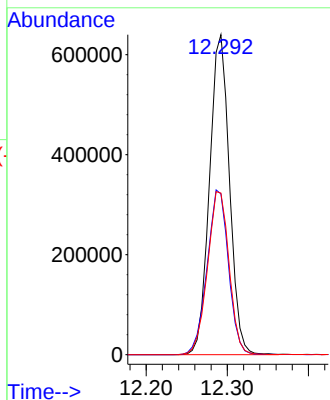
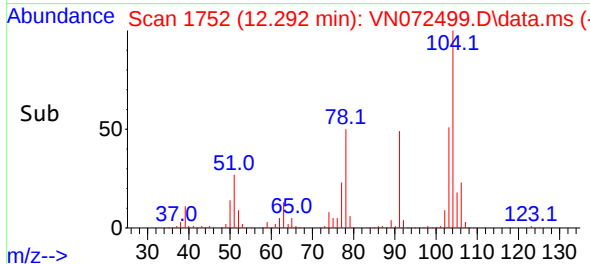
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



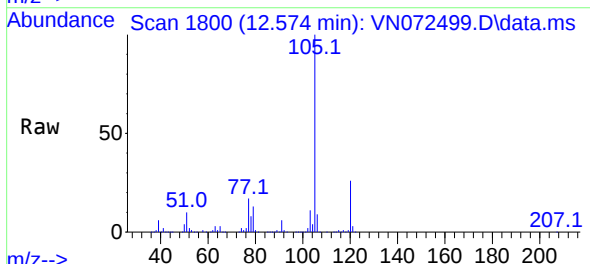
Tgt Ion:104 Resp: 109341
Ion Ratio Lower Upper
104 100
78 55.1 40.7 61.1
103 55.0 45.8 68.8

Manual Integrations
APPROVED

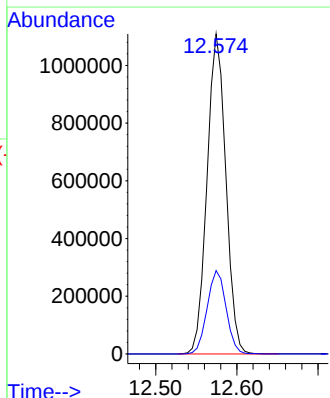
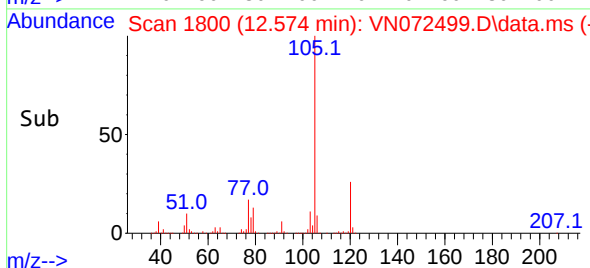
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

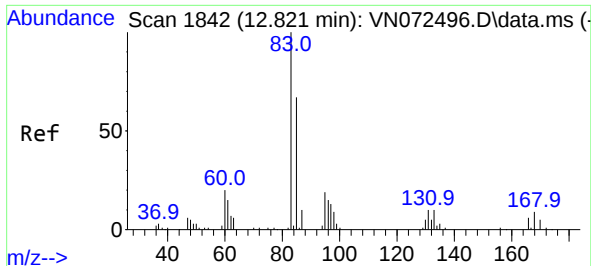


#70
Isopropylbenzene
Concen: 202.362 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



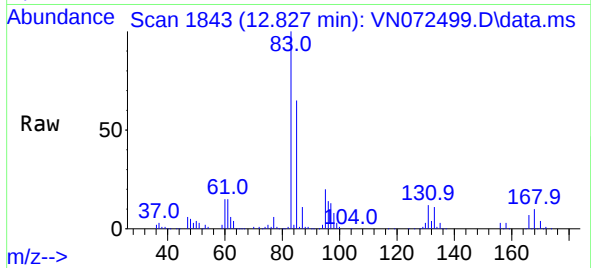
Tgt Ion:105 Resp: 1781500
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 181.941 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

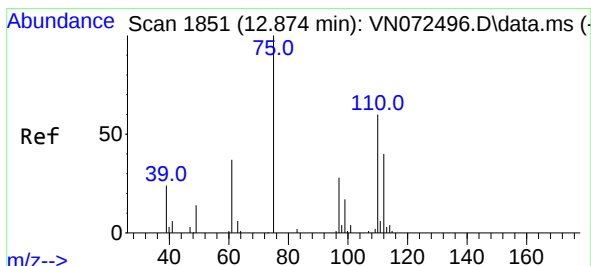
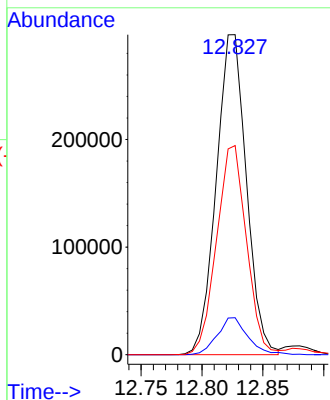
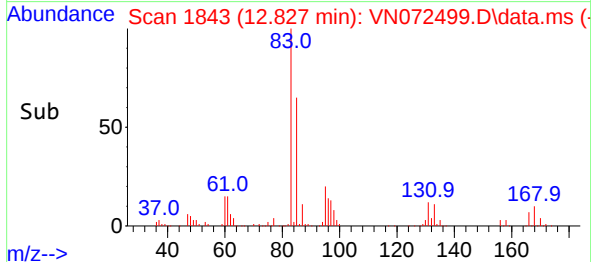
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



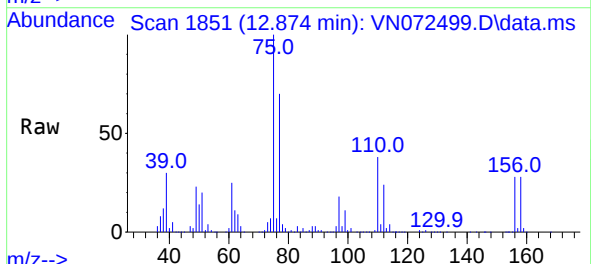
Tgt Ion: 83 Resp: 513260
Ion Ratio Lower Upper
83 100
131 11.7 5.1 15.3
85 64.8 33.1 99.2

Manual Integrations
APPROVED

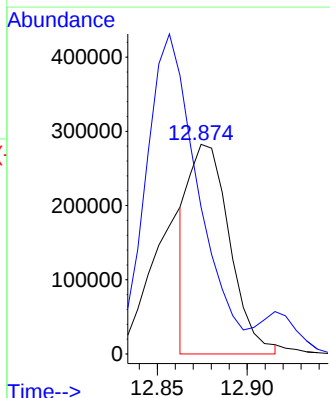
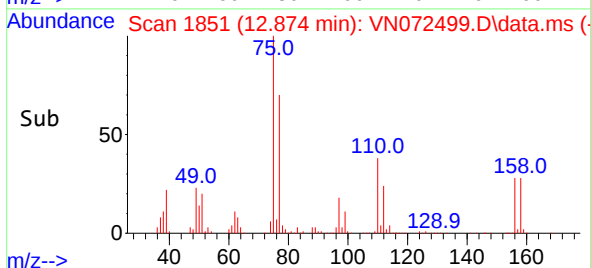
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

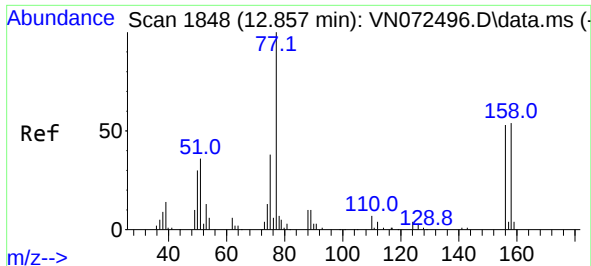


#72
1,2,3-Trichloropropane
Concen: 178.619 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



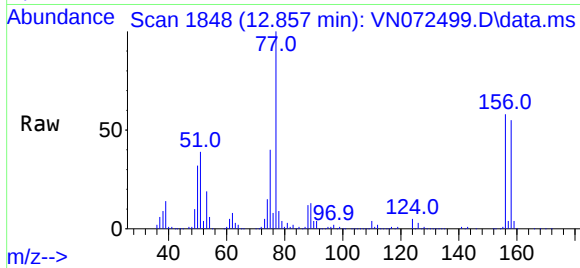
Tgt Ion: 75 Resp: 446599
Ion Ratio Lower Upper
75 100
77 195.4 0.0 378.0





#73
Bromobenzene
Concen: 197.792 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

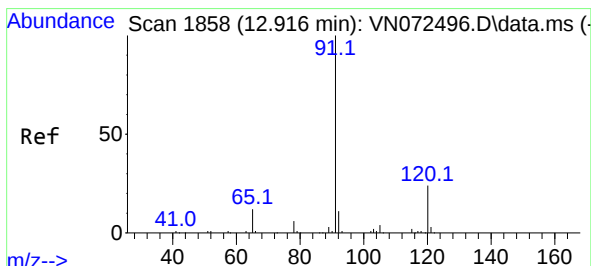
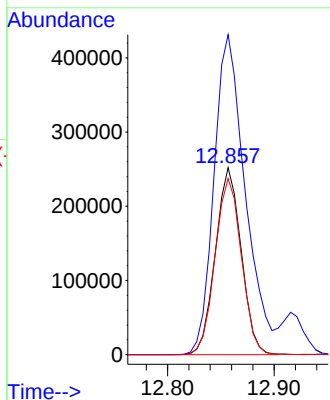
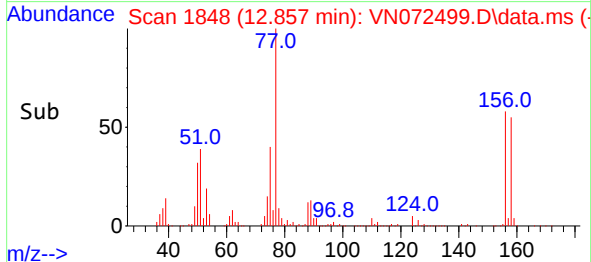
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



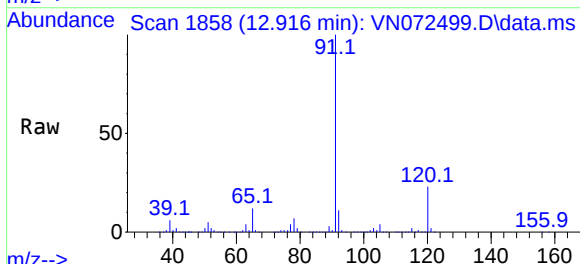
Tgt Ion:156 Resp: 423990
Ion Ratio Lower Upper
156 100
77 205.8 0.0 416.0
158 96.0 0.0 195.4

Manual Integrations
APPROVED

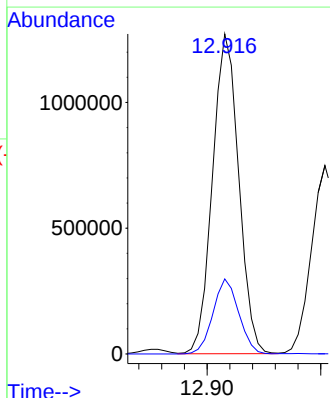
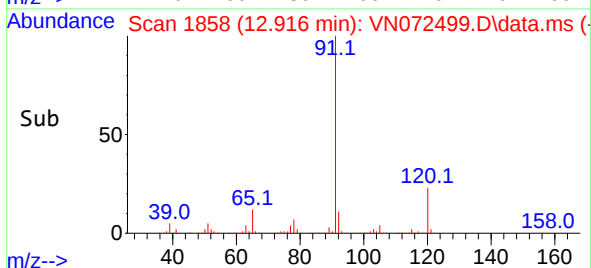
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

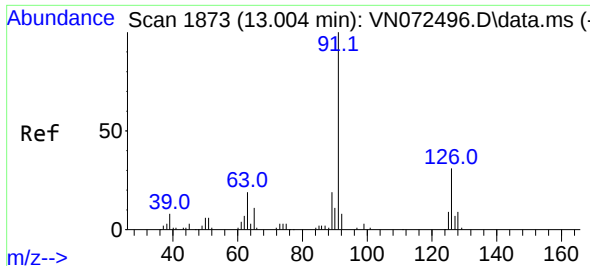


#74
n-propylbenzene
Concen: 213.754 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



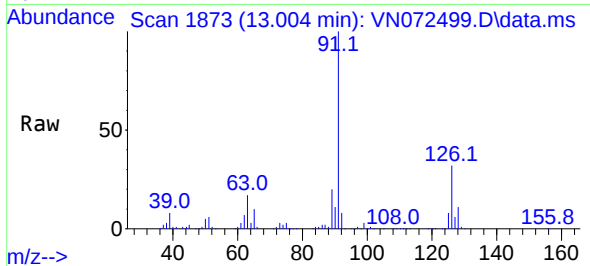
Tgt Ion: 91 Resp: 2037565
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.0





#75
2-Chlorotoluene
Concen: 203.476 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

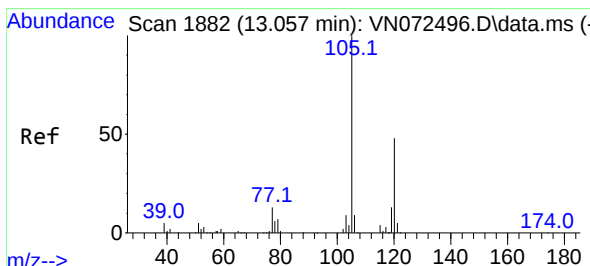
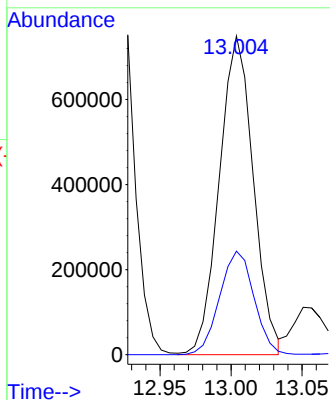
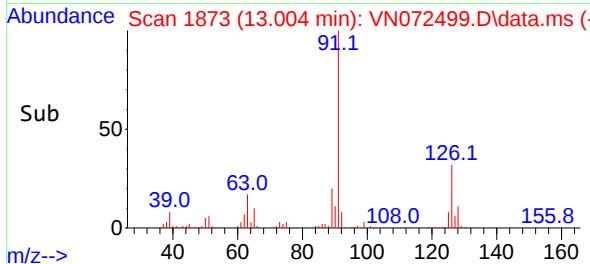
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



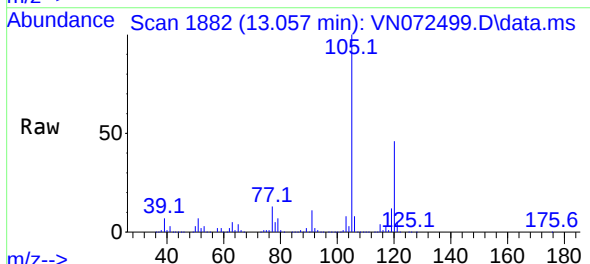
Tgt Ion: 91 Resp: 1246690
Ion Ratio Lower Upper
91 100
126 32.8 0.0 69.8

Manual Integrations
APPROVED

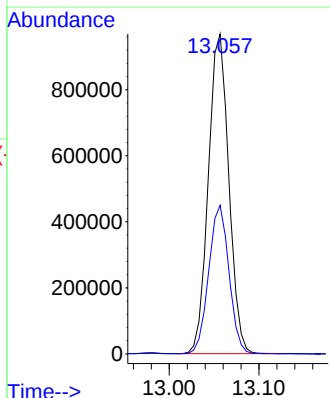
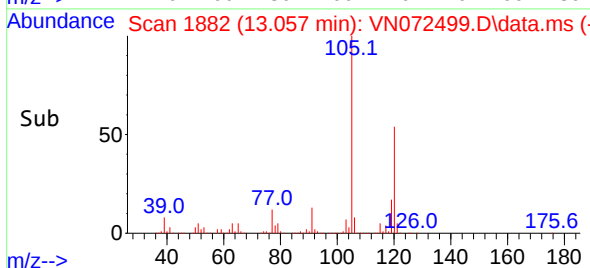
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

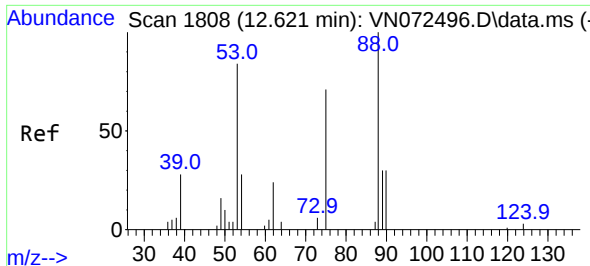


#76
1,3,5-Trimethylbenzene
Concen: 212.927 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion:105 Resp: 1532561
Ion Ratio Lower Upper
105 100
120 46.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 219.512 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

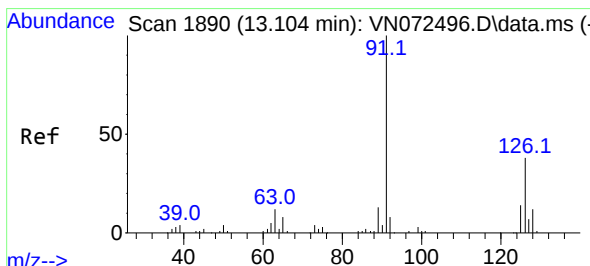
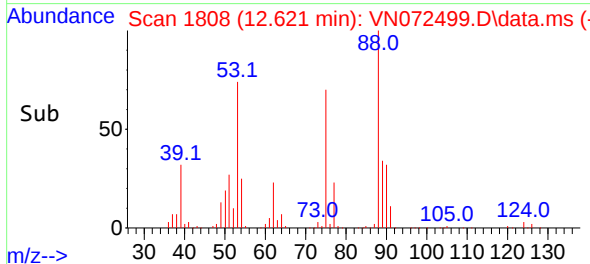
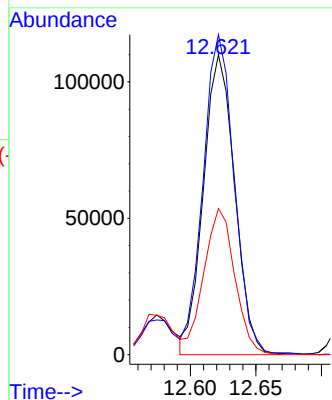
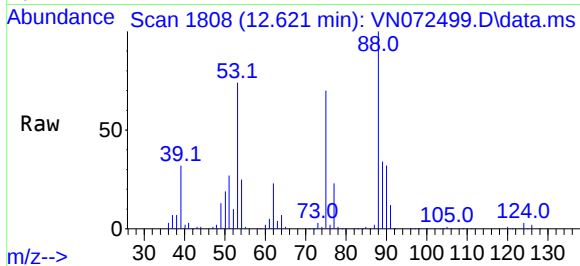
VSTDIC150

Tgt Ion: 75 Resp: 182988
Ion Ratio Lower Upper
75 100
53 106.3 51.8 155.5
89 48.8 22.9 68.7

Manual Integrations

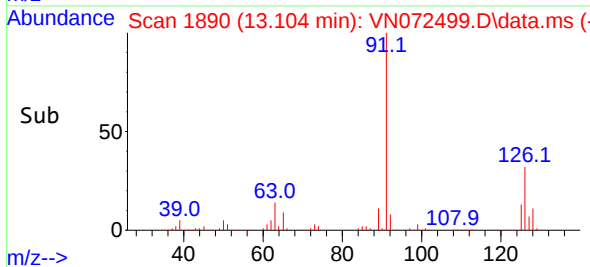
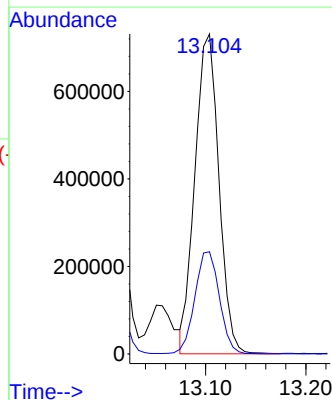
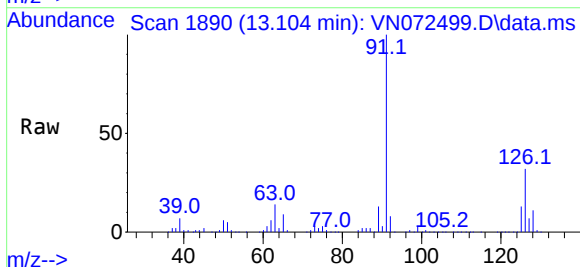
APPROVED

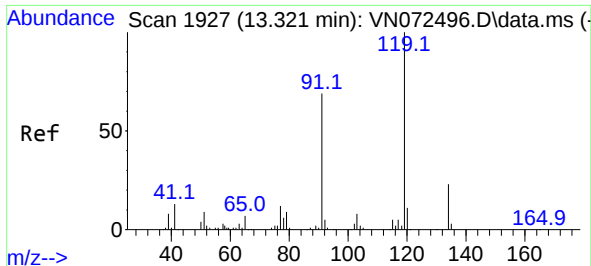
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#78
4-Chlorotoluene
Concen: 214.505 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Tgt Ion: 91 Resp: 1216025
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





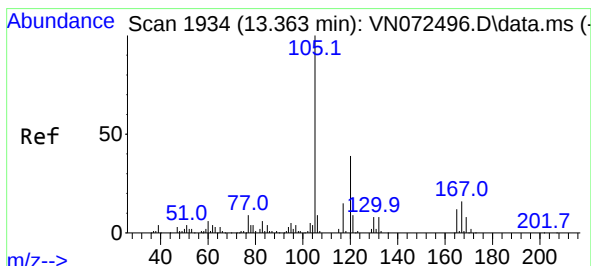
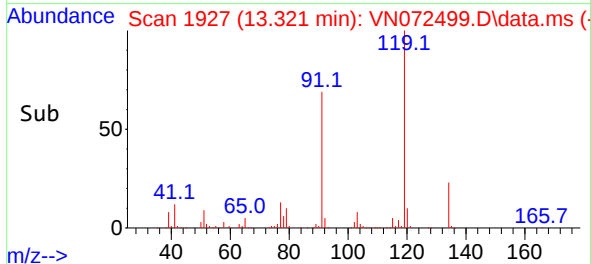
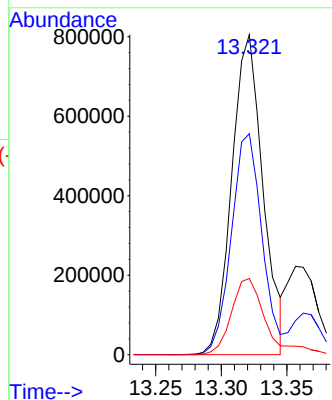
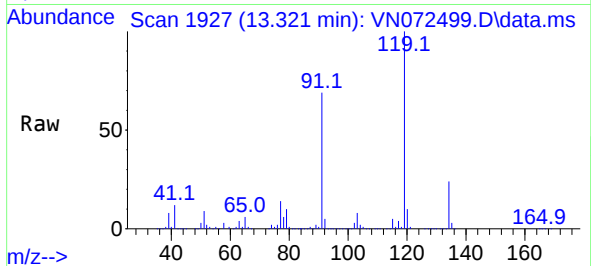
#79
tert-butylbenzene
Concen: 207.059 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 1332220
Ion Ratio Lower Upper
119 100
91 67.7 0.0 137.0
134 24.4 0.0 47.6

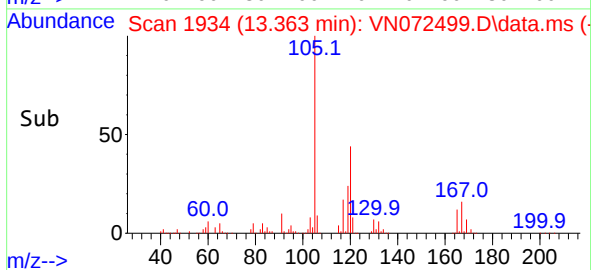
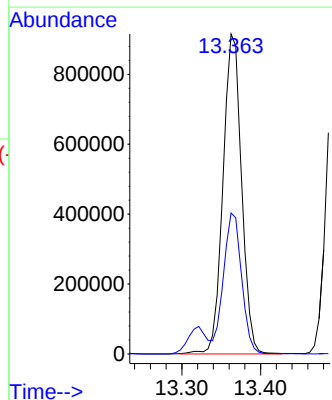
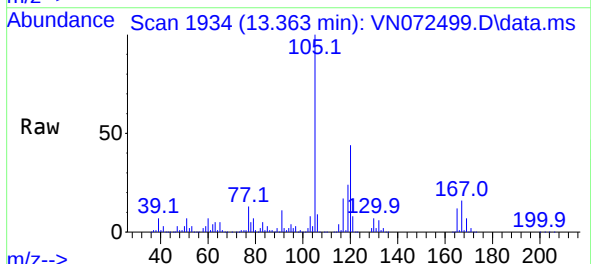
Manual Integrations
APPROVED

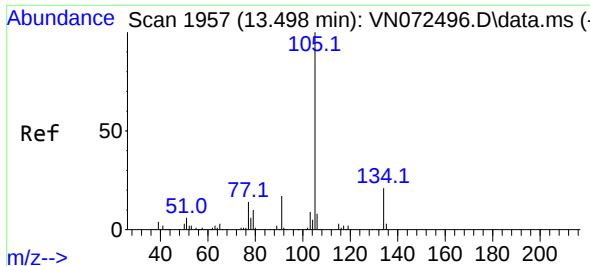
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#80
1,2,4-Trimethylbenzene
Concen: 213.513 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Tgt Ion:105 Resp: 1495402
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 213.760 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072499.D
 Acq: 16 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

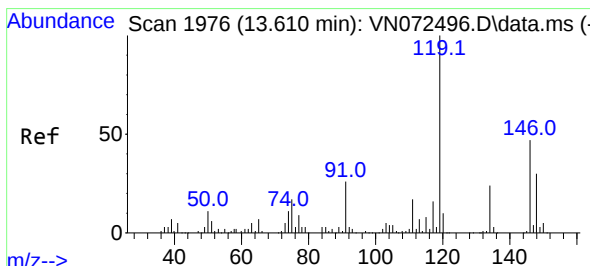
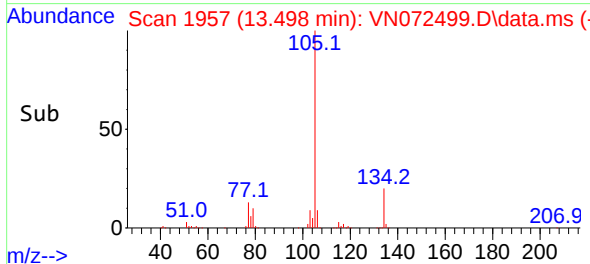
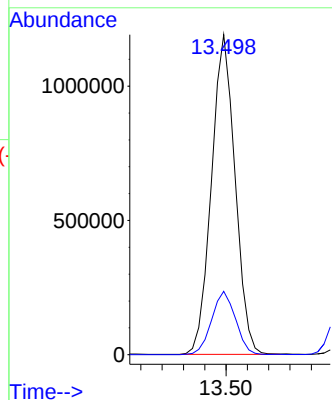
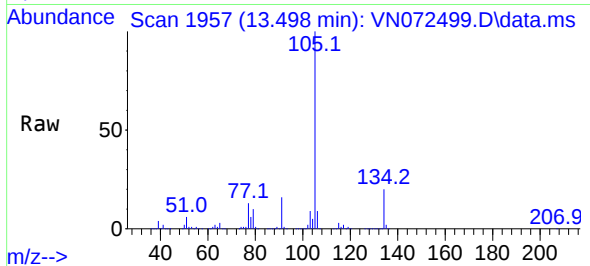
VSTDIC150

Tgt Ion:105 Resp: 1832669
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

Manual Integrations

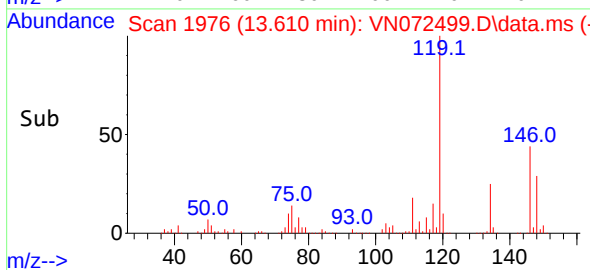
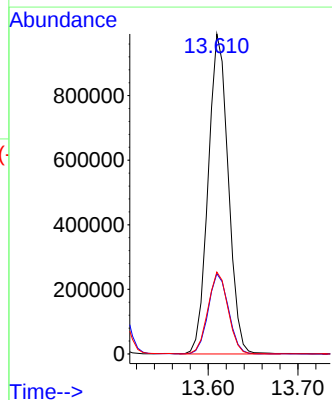
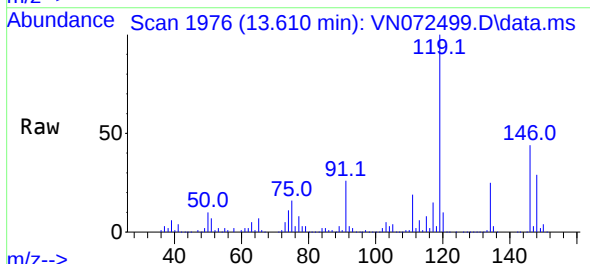
APPROVED

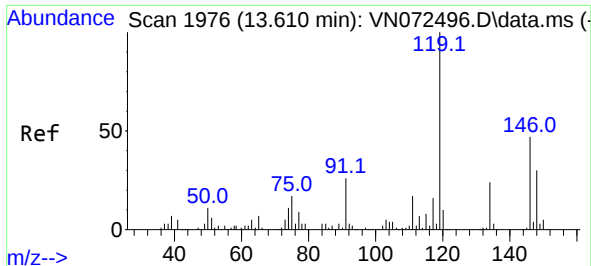
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#82
 p-Isopropyltoluene
 Concen: 219.468 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072499.D
 Acq: 16 May 2022 13:52

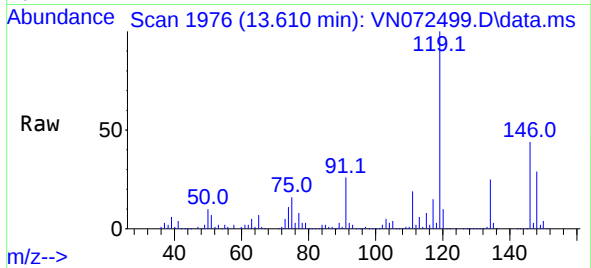
Tgt Ion:119 Resp: 1539897
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.8
 91 25.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 211.850 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

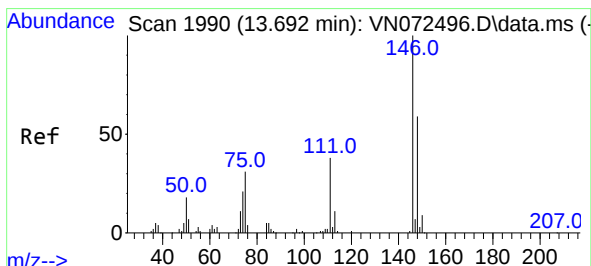
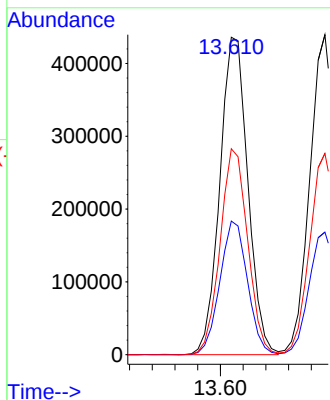
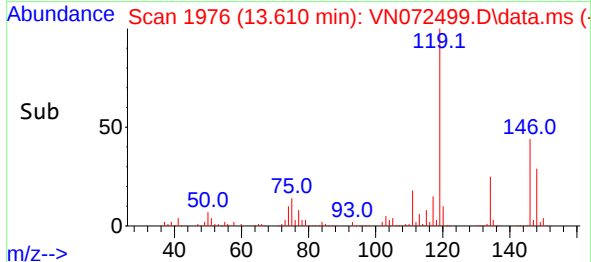
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



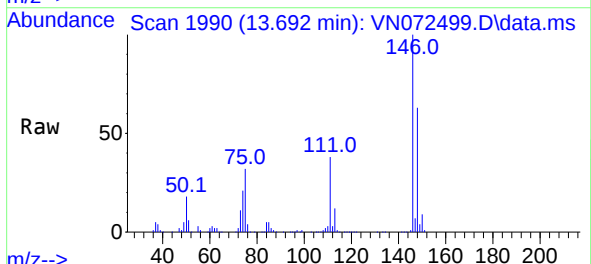
Tgt Ion:146 Resp: 747930
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 63.7 31.4 94.3

Manual Integrations
APPROVED

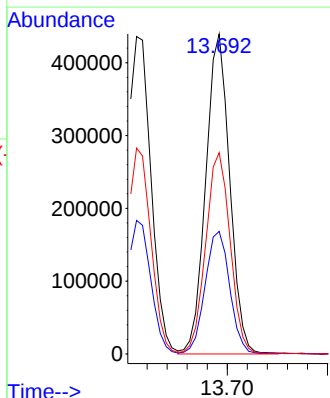
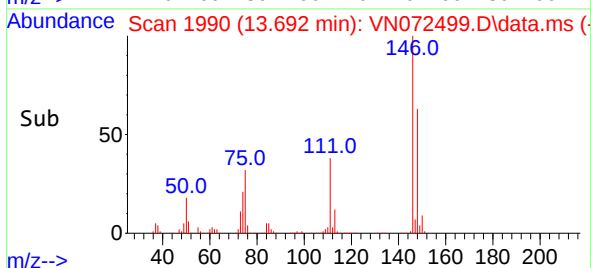
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

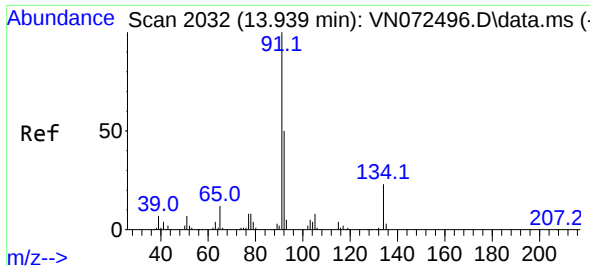


#84
1,4-Dichlorobenzene
Concen: 215.515 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



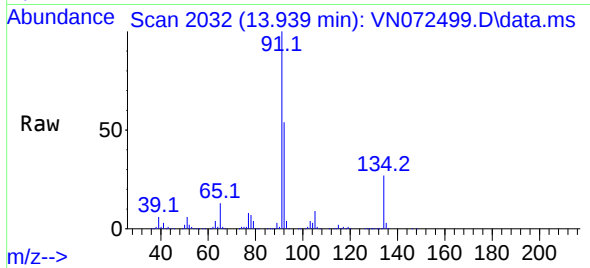
Tgt Ion:146 Resp: 730926
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 64.2 31.1 93.5





#85
n-Butylbenzene
Concen: 239.744 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

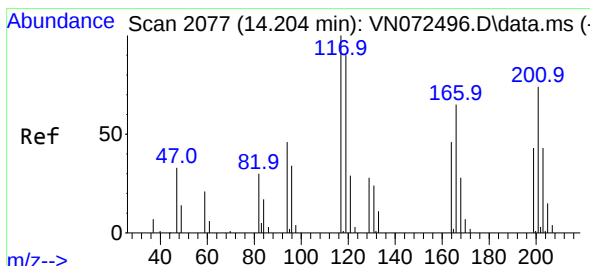
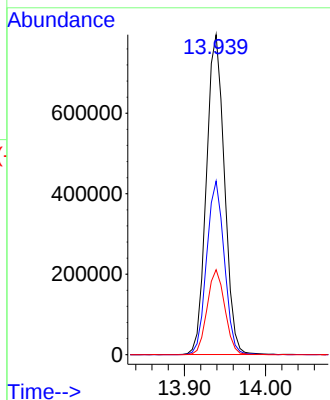
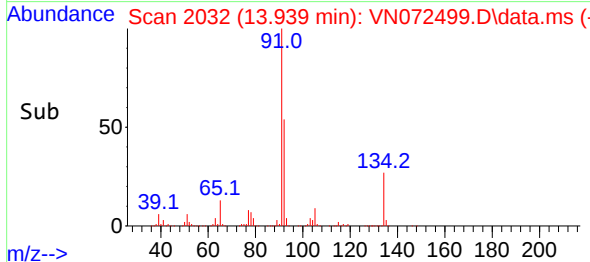
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 122653
Ion Ratio Lower Upper
91 100
92 53.1 0.0 100.6
134 26.1 0.0 50.2

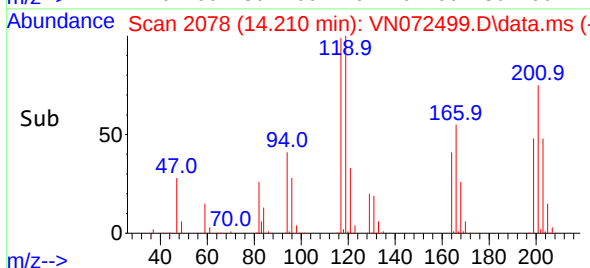
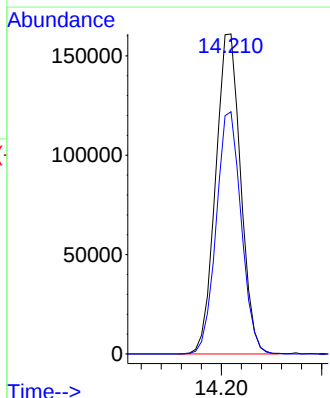
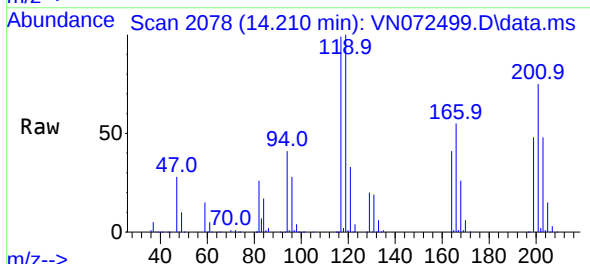
Manual Integrations
APPROVED

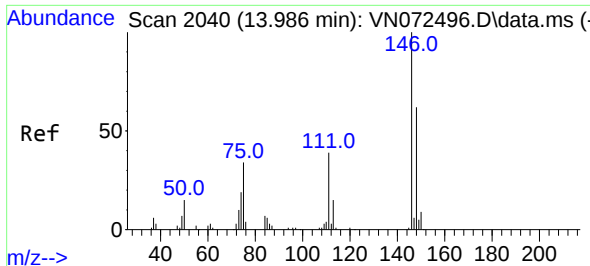
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#86
Hexachloroethane
Concen: 217.841 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Tgt Ion:117 Resp: 279694
Ion Ratio Lower Upper
117 100
201 75.4 33.3 99.8





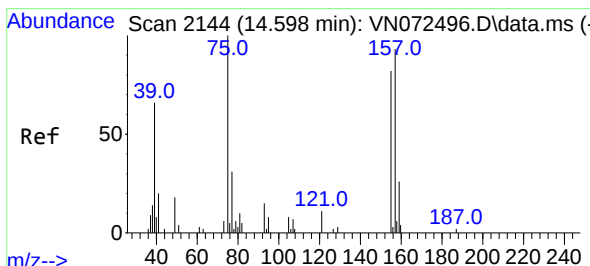
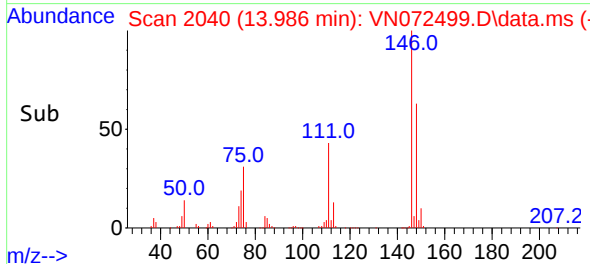
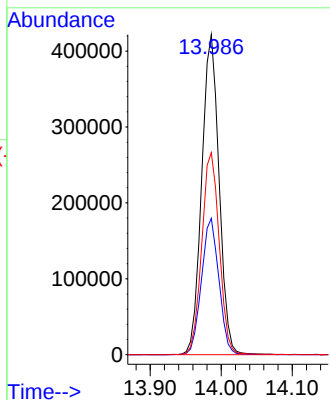
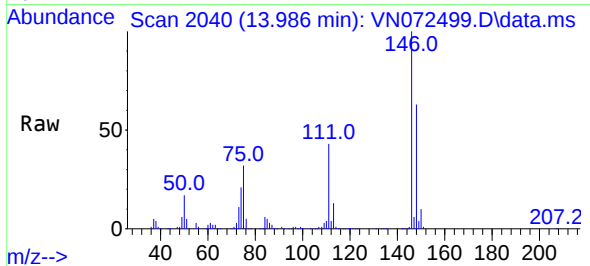
#87
1,2-Dichlorobenzene
Concen: 209.191 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 71731
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 63.6 32.5 97.4

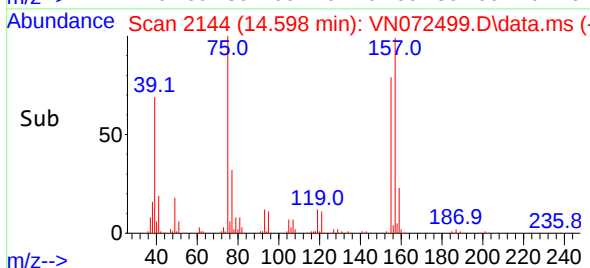
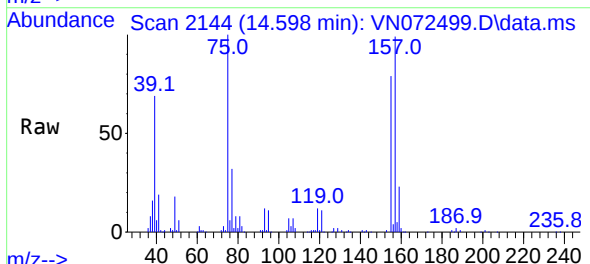
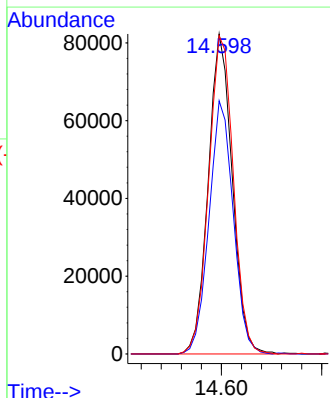
Manual Integrations
APPROVED

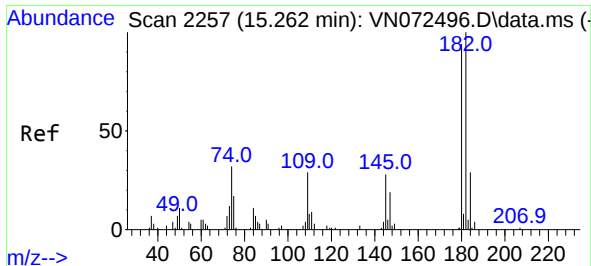
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 248.575 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Tgt Ion: 75 Resp: 137375
Ion Ratio Lower Upper
75 100
155 79.6 63.8 95.8
157 101.8 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 249.711 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

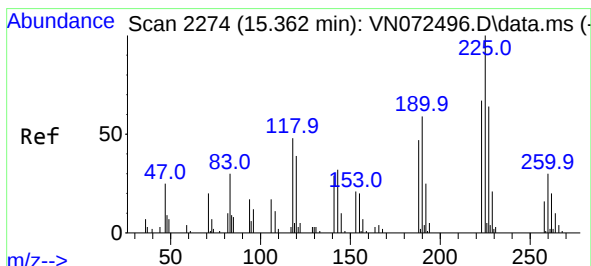
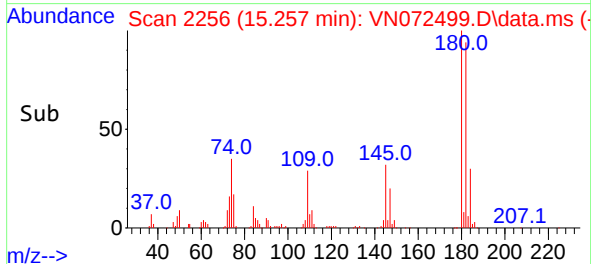
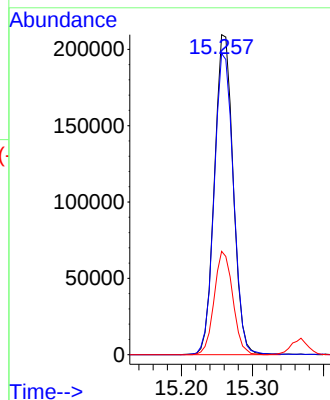
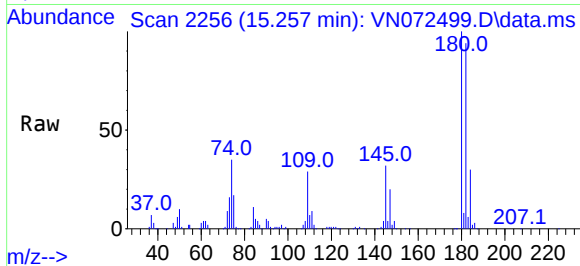
VSTDIC150

Tgt Ion:180 Resp: 38275
Ion Ratio Lower Upper
180 100
182 96.5 77.7 116.5
145 32.1 26.6 39.8

Manual Integrations

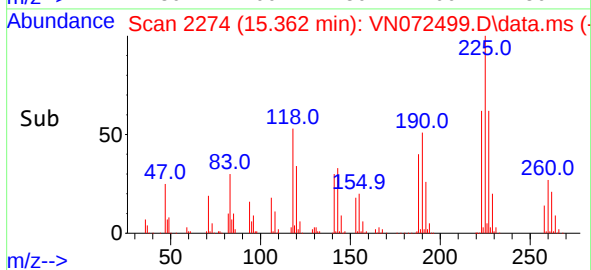
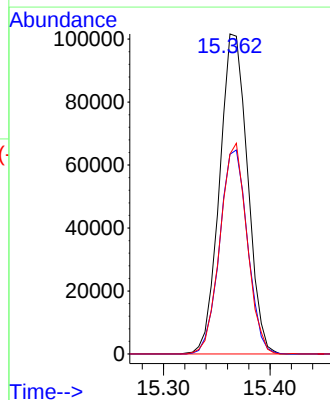
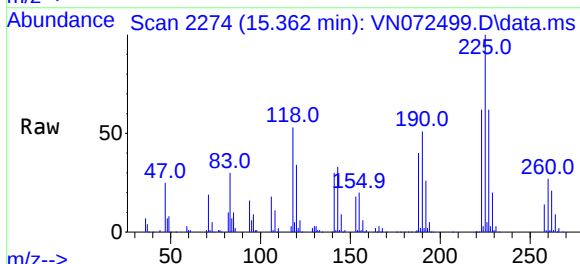
APPROVED

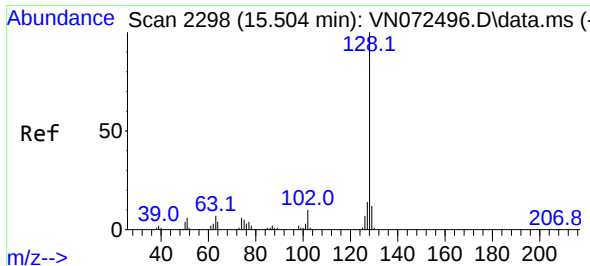
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#90
Hexachlorobutadiene
Concen: 194.249 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

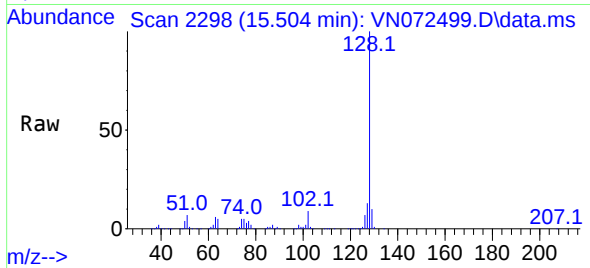
Tgt Ion:225 Resp: 185258
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.8
227 63.4 0.0 123.0





#91
Naphthalene
Concen: 293.668 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52

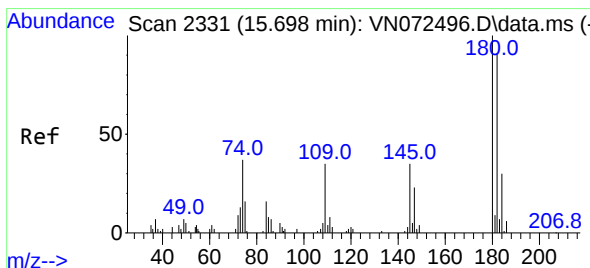
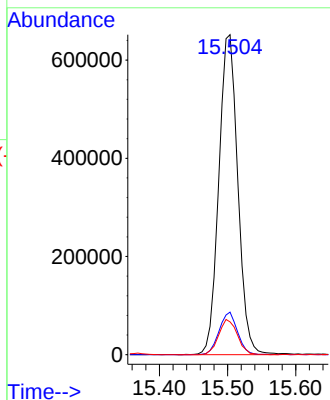
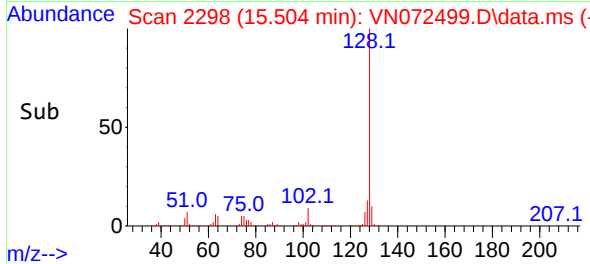
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



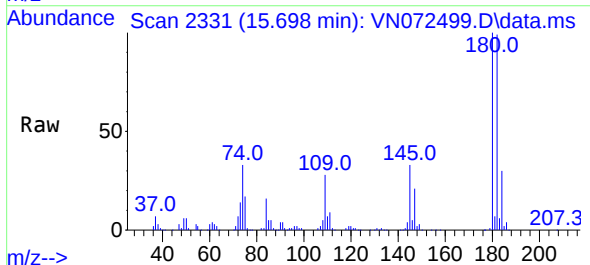
Tgt Ion:128 Resp: 126542
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 247.392 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN072499.D
Acq: 16 May 2022 13:52



Tgt Ion:180 Resp: 379189
Ion Ratio Lower Upper
180 100
182 96.9 0.0 190.0
145 33.9 0.0 67.8

