

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072202.D
 Acq On : 26 Apr 2022 16:25
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:55:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	298372	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	503884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	465543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	188486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	217949	60.528	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.060%			
35) Dibromofluoromethane	8.016	113	156499	52.281	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.560%			
50) Toluene-d8	10.439	98	628503	51.484	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.727	95	216331	54.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	158541	63.748	ug/l	98
3) Chloromethane	2.299	50	178996	57.288	ug/l	98
4) Vinyl Chloride	2.440	62	148236	45.831	ug/l	100
5) Bromomethane	2.834	94	78398	38.758	ug/l	99
6) Chloroethane	3.005	64	102642	44.231	ug/l	100
7) Trichlorofluoromethane	3.369	101	259913	59.669	ug/l	100
8) Diethyl Ether	3.822	74	103611	57.075	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	140438	53.560	ug/l	97
10) Methyl Iodide	4.422	142	179936	50.247	ug/l	# 88
11) Tert butyl alcohol	5.363	59	181867	314.387	ug/l	98
12) 1,1-Dichloroethene	4.181	96	133287	53.482	ug/l	94
13) Acrolein	4.040	56	176535	263.523	ug/l	98
14) Allyl chloride	4.840	41	282076	66.428	ug/l	# 91
15) Acrylonitrile	5.546	53	555808	328.660	ug/l	99
16) Acetone	4.281	43	452735	296.754	ug/l	99
17) Carbon Disulfide	4.534	76	315886	54.576	ug/l	100
18) Methyl Acetate	4.851	43	262550	56.469	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	549036	58.573	ug/l	98
20) Methylene Chloride	5.087	84	167208	53.546	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	143248	52.401	ug/l	88
22) Diisopropyl ether	6.487	45	572295	62.888	ug/l	95
23) Vinyl Acetate	6.428	43	2510854	344.311	ug/l	94
24) 1,1-Dichloroethane	6.387	63	315840	59.783	ug/l	99
25) 2-Butanone	7.328	43	750420	336.023	ug/l	94
26) 2,2-Dichloropropane	7.322	77	251268	56.296	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	176794	52.973	ug/l	91
28) Bromochloromethane	7.657	49	148955	66.399	ug/l	# 80
29) Tetrahydrofuran	7.681	42	499980	345.440	ug/l	89
30) Chloroform	7.816	83	307581	55.926	ug/l	98
31) Cyclohexane	8.092	56	269494	55.928	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	272955	57.654	ug/l	99
36) 1,1-Dichloropropene	8.216	75	223279	53.316	ug/l	96
37) Ethyl Acetate	7.410	43	295364	62.782	ug/l	97
38) Carbon Tetrachloride	8.204	117	229689	55.684	ug/l	96
39) Methylcyclohexane	9.457	83	258824	52.550	ug/l	93
40) Benzene	8.457	78	679149	51.590	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	157746	66.914	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	260186	56.110	ug/l	97
43) Isopropyl Acetate	8.557	43	454480	58.111	ug/l	95
44) Trichloroethene	9.210	130	156022	47.106	ug/l	89
45) 1,2-Dichloropropane	9.486	63	185085	55.549	ug/l	99
46) Dibromomethane	9.575	93	116928	52.383	ug/l	92
47) Bromodichloromethane	9.757	83	250750	56.540	ug/l	97
48) Methyl methacrylate	9.557	41	215563	65.449	ug/l	93
49) 1,4-Dioxane	9.563	88	76334	951.816	ug/l #	90
51) 4-Methyl-2-Pentanone	10.328	43	1502137	330.629	ug/l	94
52) Toluene	10.504	92	433886	52.374	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	266059	57.438	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	285943	56.080	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	174456	51.253	ug/l	98
56) Ethyl methacrylate	10.757	69	291995	59.251	ug/l	90
57) 1,3-Dichloropropane	11.039	76	308228	53.662	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	385901	338.338	ug/l	93
59) 2-Hexanone	11.081	43	1085685	339.042	ug/l	93
60) Dibromochloromethane	11.233	129	184104	55.275	ug/l	100
61) 1,2-Dibromoethane	11.339	107	173875	51.986	ug/l	99
64) Tetrachloroethene	10.975	164	128965	42.930	ug/l	92
65) Chlorobenzene	11.769	112	441605	47.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	170868	50.878	ug/l	97
67) Ethyl Benzene	11.839	91	832214	52.779	ug/l	99
68) m/p-Xylenes	11.951	106	619333	103.024	ug/l	93
69) o-Xylene	12.275	106	308423	51.673	ug/l	95
70) Styrene	12.292	104	493686	54.602	ug/l	96
71) Bromoform	12.451	173	130210	51.643	ug/l #	100
73) Isopropylbenzene	12.575	105	805207	50.523	ug/l	97
74) N-amyl acetate	12.380	43	312205	65.796	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	273418	50.979	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	211511m	47.071	ug/l	
77) Bromobenzene	12.857	156	175243	44.629	ug/l	85
78) n-propylbenzene	12.916	91	908871	53.940	ug/l	96
79) 2-Chlorotoluene	13.004	91	564999	52.119	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	672429	52.869	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	81995	57.322	ug/l	94
82) 4-Chlorotoluene	13.098	91	538498	53.574	ug/l	93
83) tert-Butylbenzene	13.316	119	591096	51.288	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	670448	53.936	ug/l	95
85) sec-Butylbenzene	13.498	105	793049	53.002	ug/l	97
86) p-Isopropyltoluene	13.610	119	645456	54.207	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	304114	48.427	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	293164	47.858	ug/l	96
89) n-Butylbenzene	13.939	91	508044	57.065	ug/l	97
90) Hexachloroethane	14.204	117	119449	54.390	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	294713	47.696	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	54457	63.578	ug/l	80
93) 1,2,4-Trichlorobenzene	15.257	180	135681	56.541	ug/l	97
94) Hexachlorobutadiene	15.363	225	75584	42.275	ug/l	99
95) Naphthalene	15.498	128	434529	71.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	131434	58.814	ug/l	97

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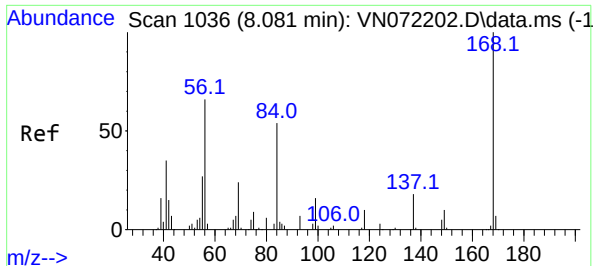
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Apr 26 16:51:57 2022
Response via : Initial Calibration

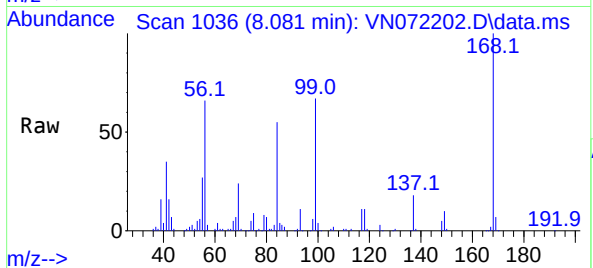
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

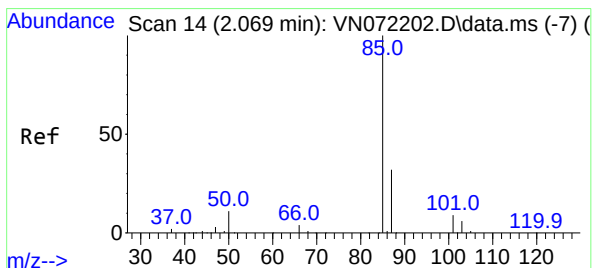
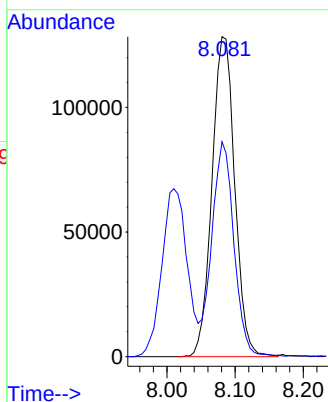
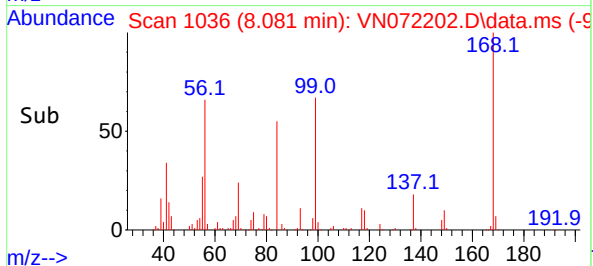
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 298372
Ion Ratio Lower Upper
168 100
99 66.7 42.3 63.5

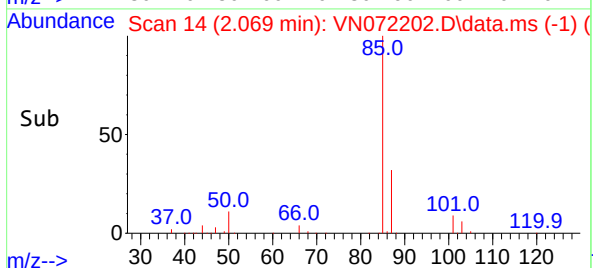
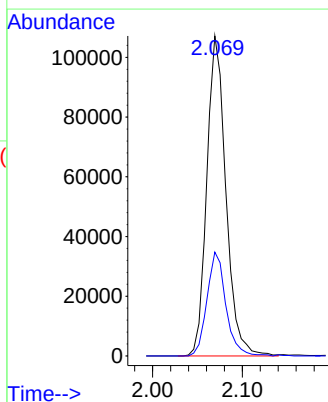
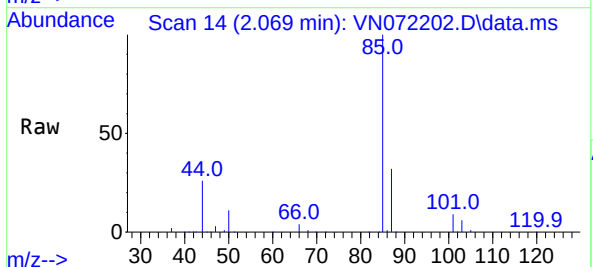
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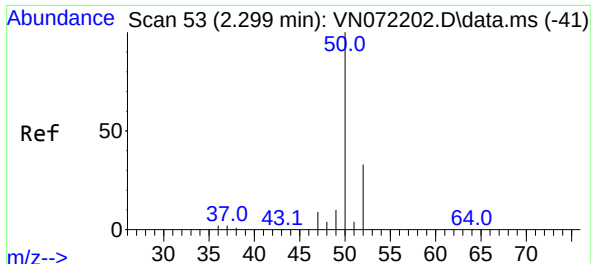
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#2
Dichlorodifluoromethane
Concen: 63.748 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

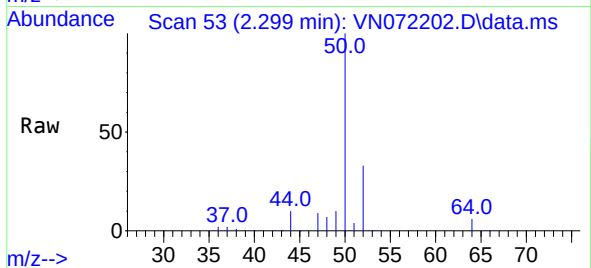
Tgt Ion: 85 Resp: 158541
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





#3
Chloromethane
Concen: 57.288 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

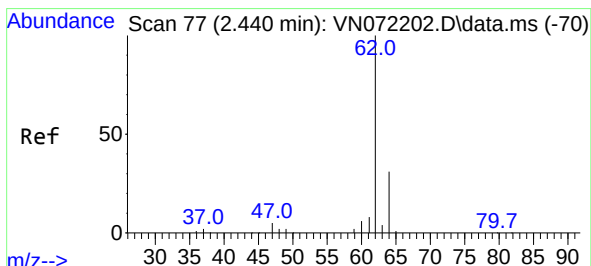
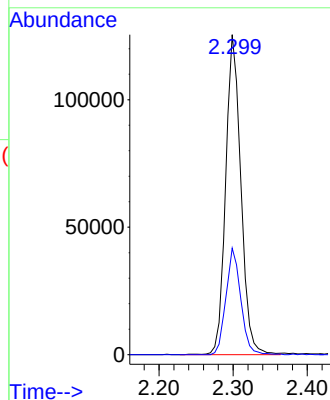
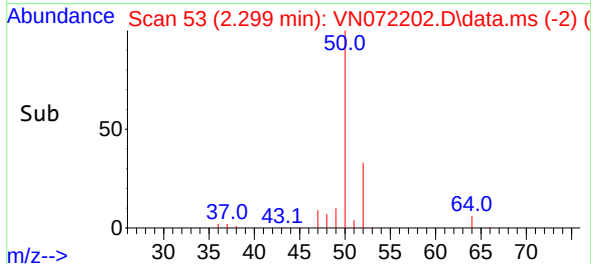
Instrument :
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Tgt Ion: 50 Resp: 178990
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5

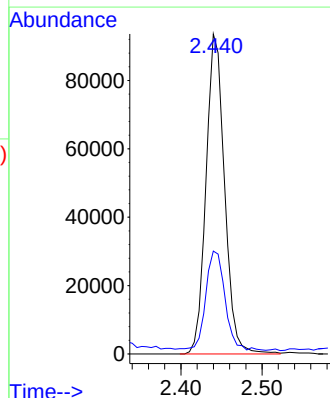
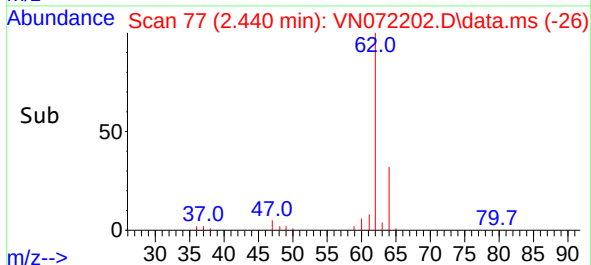
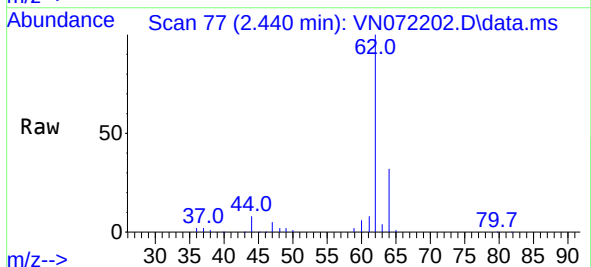
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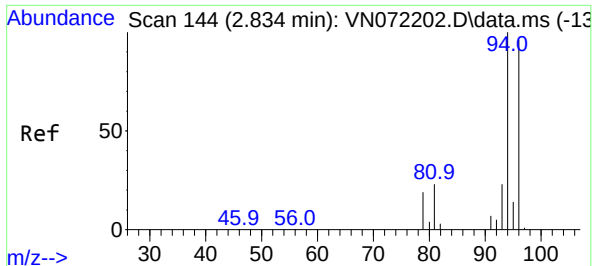
Reviewed By :John Carlone 04/27/2022
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#4
Vinyl Chloride
Concen: 45.831 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

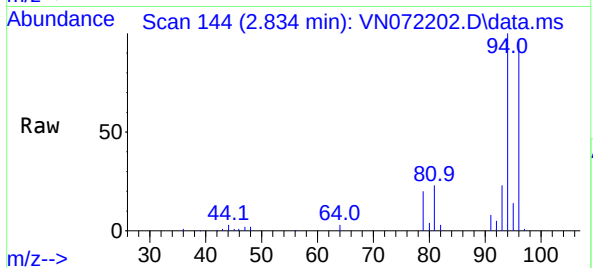
Tgt Ion: 62 Resp: 148236
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.4





#5
Bromomethane
Concen: 38.758 ug/l
RT: 2.834 min Scan# 144
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

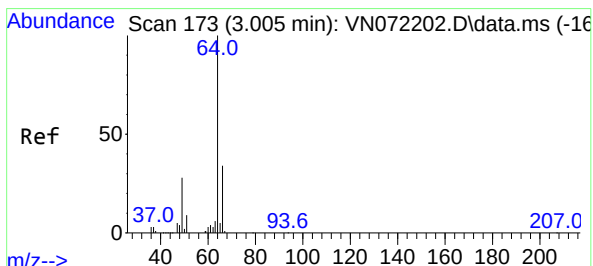
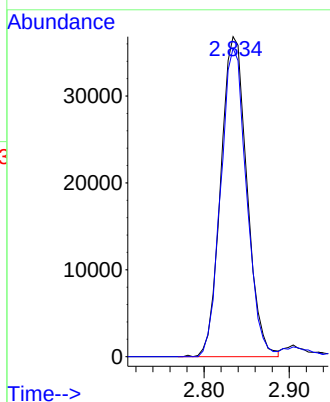
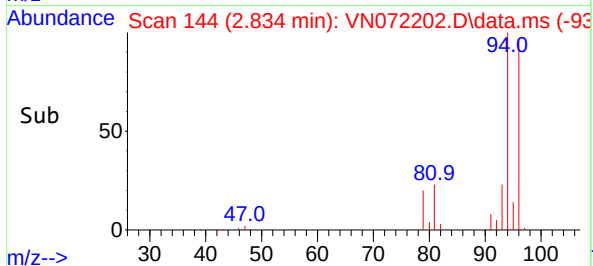
Instrument :
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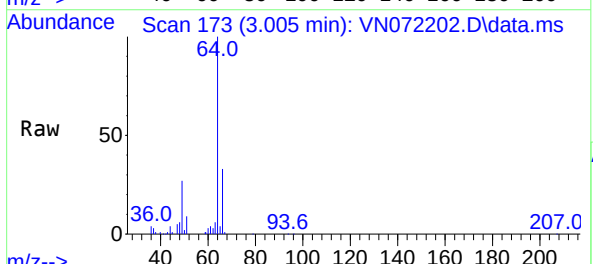
Tgt Ion: 94 Resp: 78398
Ion Ratio Lower Upper
94 100
96 96.4 76.0 114.0

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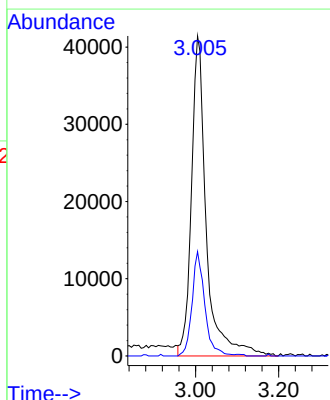
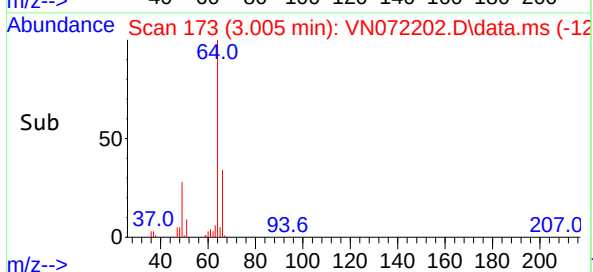
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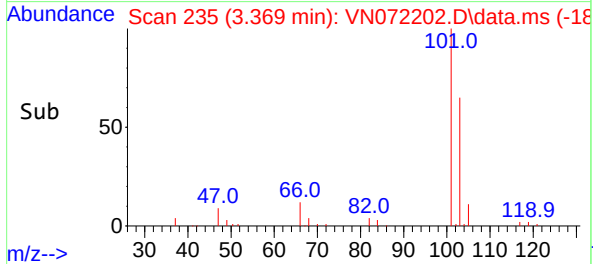
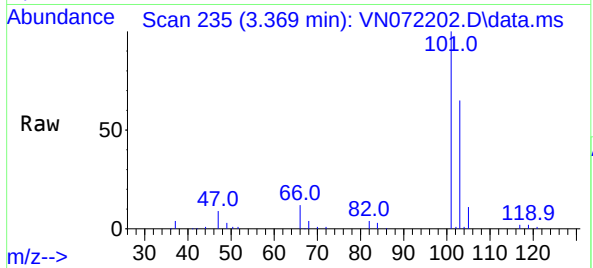
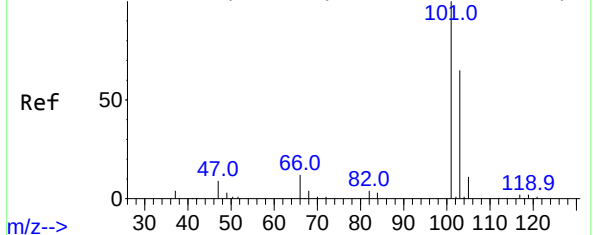
#6
Chloroethane
Concen: 44.231 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion: 64 Resp: 102642
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4



Abundance Scan 235 (3.369 min): VN072202.D\data.ms (-22



#7
Trichlorofluoromethane
Concen: 59.669 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Tgt Ion: 101 Resp: 25991
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

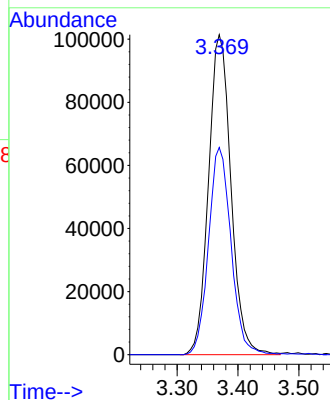
VSTDICCC050

Manual Integrations

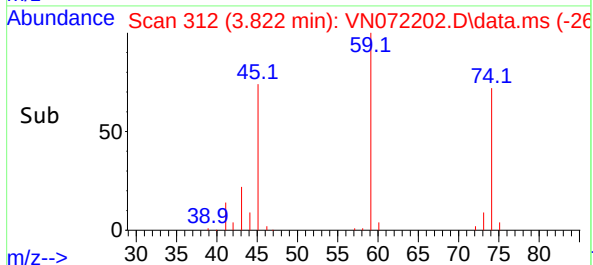
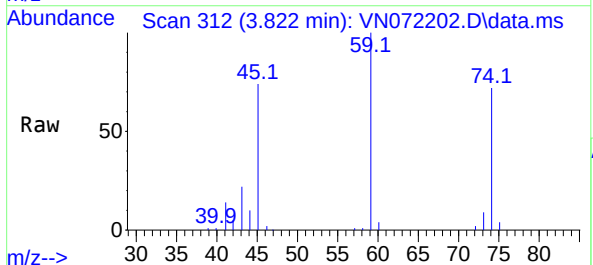
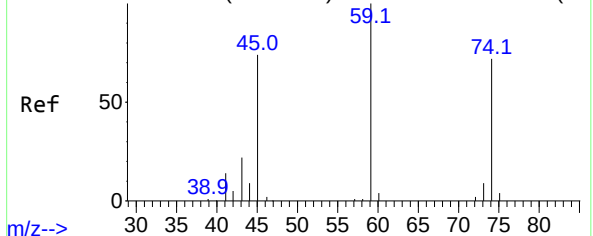
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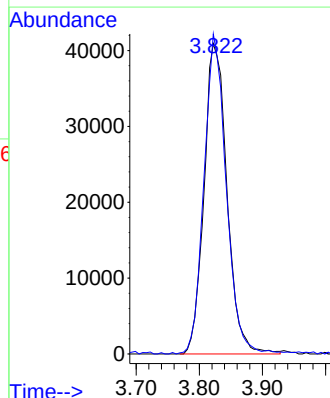


Abundance Scan 312 (3.822 min): VN072202.D\data.ms (-30

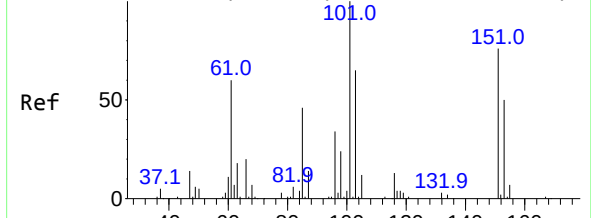


#8
Diethyl Ether
Concen: 57.075 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

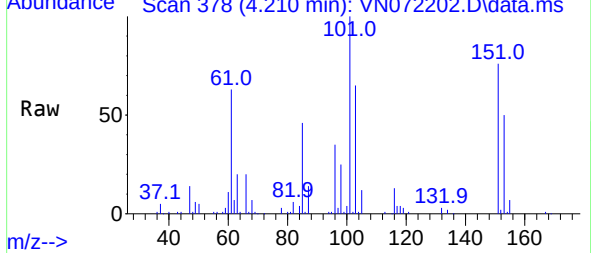
Tgt Ion: 74 Resp: 103611
Ion Ratio Lower Upper
74 100
45 100.0 42.9 128.5



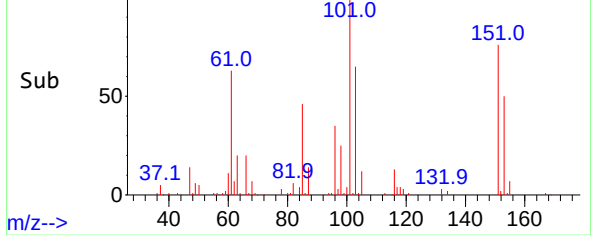
Abundance Scan 378 (4.210 min): VN072202.D\data.ms (-36



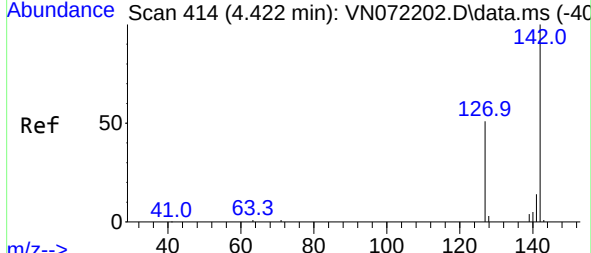
m/z-->



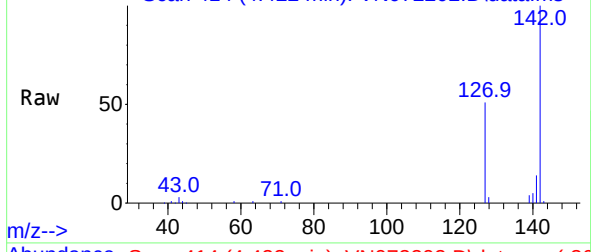
m/z-->



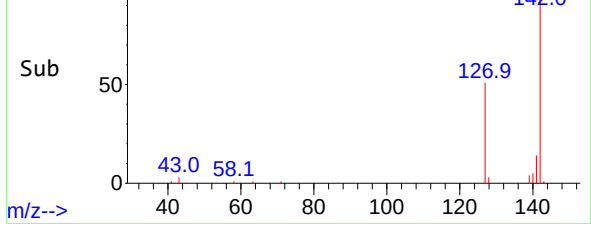
m/z-->



m/z-->



m/z-->



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.560 ug/l

RT: 4.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Tgt Ion:101 Resp: 140438

Ion Ratio Lower Upper

101 100

85 46.4 34.7 52.1

151 76.7 63.0 94.4

Instrument :

MSVOA_N

ClientSampleId :

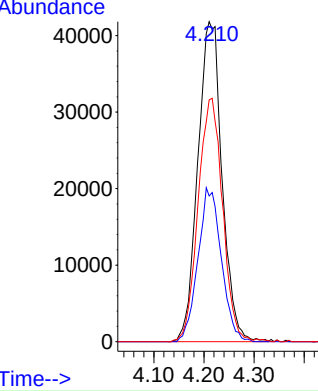
VSTDICCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#10

Methyl Iodide

Concen: 50.247 ug/l

RT: 4.422 min Scan# 414

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

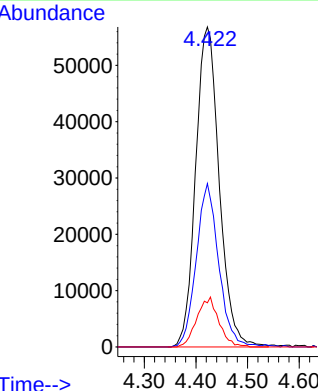
Tgt Ion:142 Resp: 179936

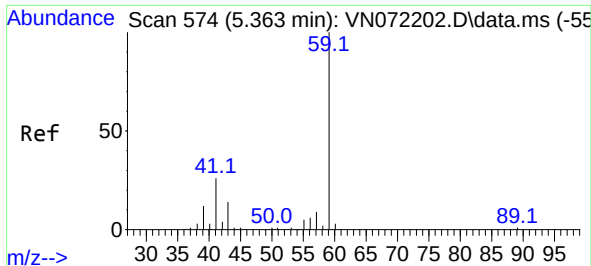
Ion Ratio Lower Upper

142 100

127 48.6 31.3 46.9

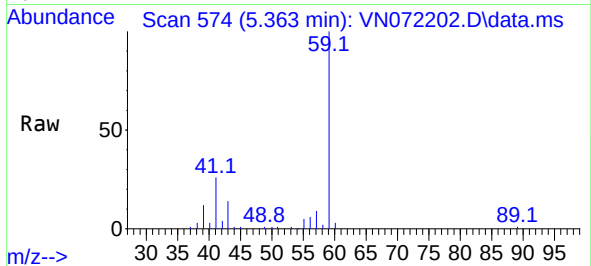
141 14.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 314.387 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

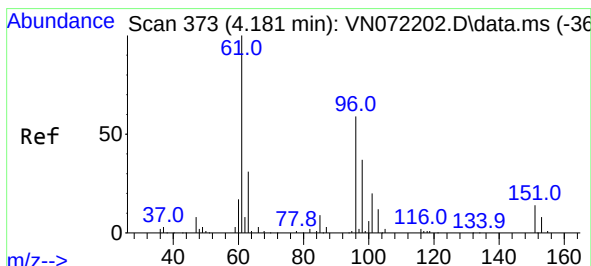
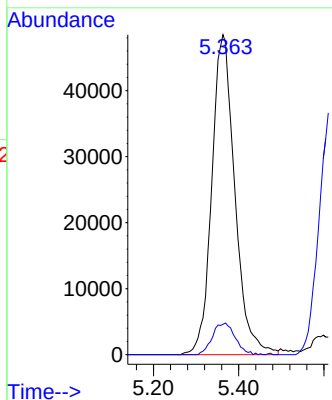
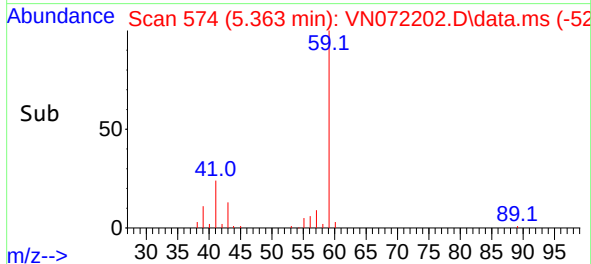
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



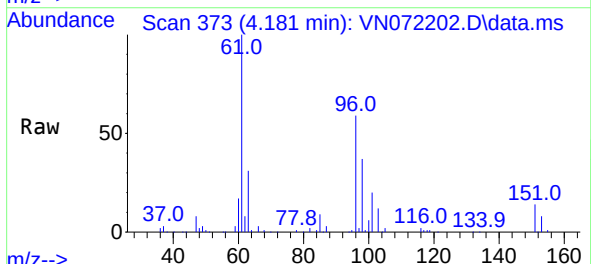
Tgt Ion: 59 Resp: 18186
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

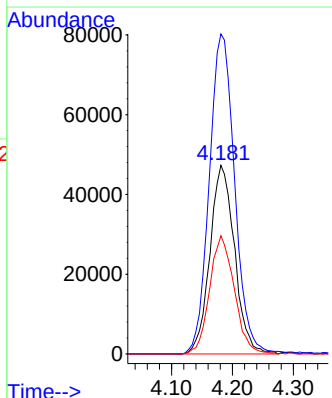
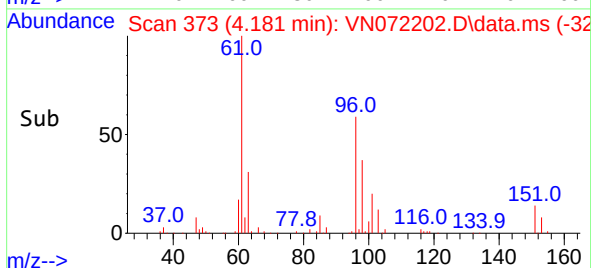
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

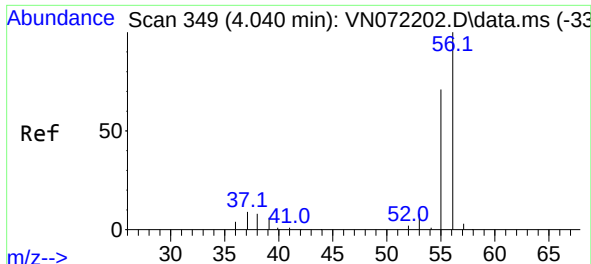


#12
1,1-Dichloroethene
Concen: 53.482 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



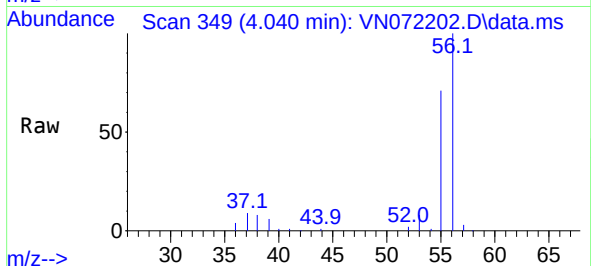
Tgt Ion: 96 Resp: 133287
Ion Ratio Lower Upper
96 100
61 169.6 127.6 191.4
98 62.6 51.2 76.8





#13
Acrolein
Concen: 263.523 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

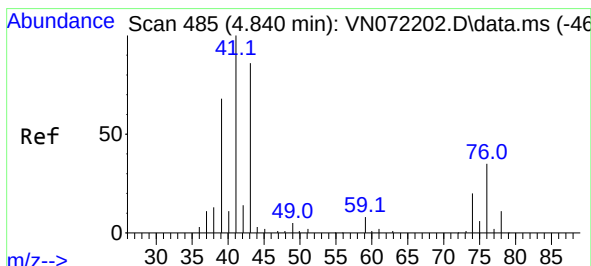
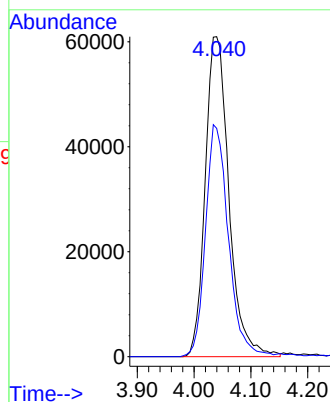
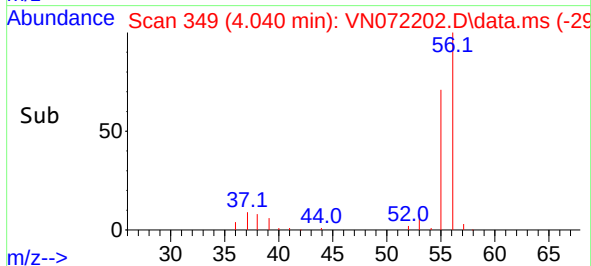
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



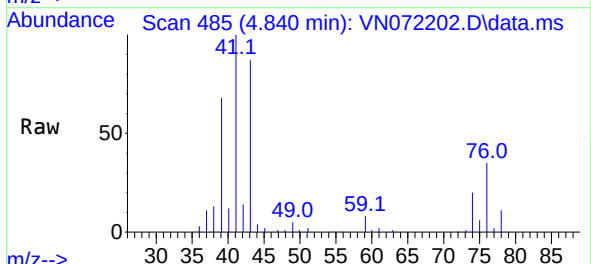
Tgt Ion: 56 Resp: 17653
Ion Ratio Lower Upper
56 100
55 70.0 54.8 82.2

Manual Integrations
APPROVED

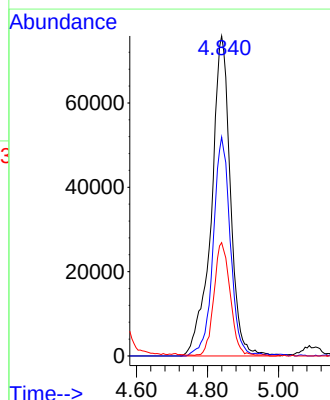
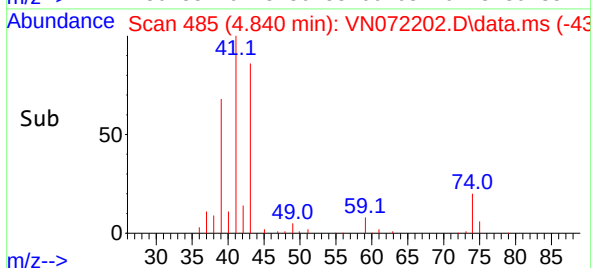
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

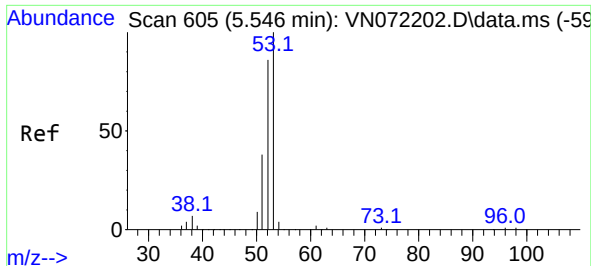


#14
Allyl chloride
Concen: 66.428 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



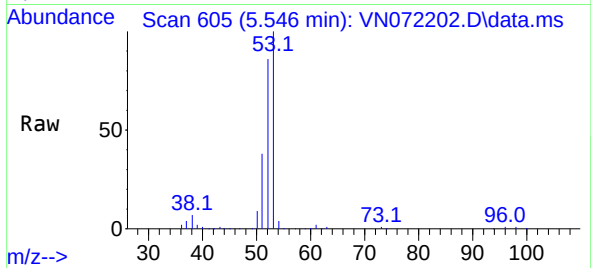
Tgt Ion: 41 Resp: 282076
Ion Ratio Lower Upper
41 100
39 61.2 53.2 79.8
76 29.8 29.9 44.9#





#15
Acrylonitrile
Concen: 328.660 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

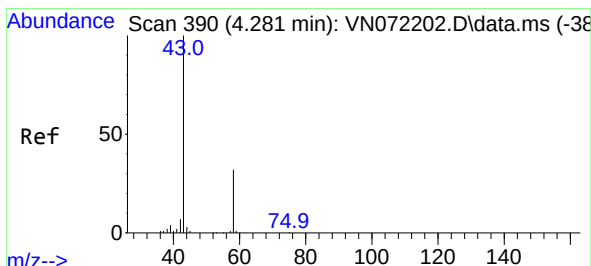
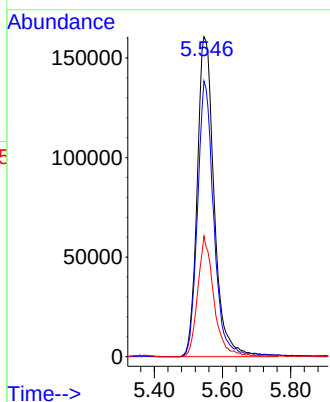
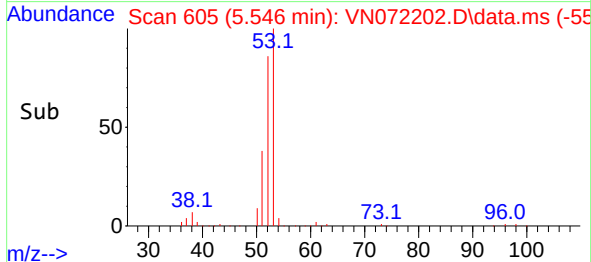
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 555808
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 35.9 28.5 42.7

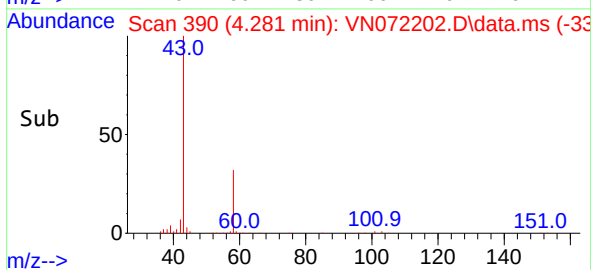
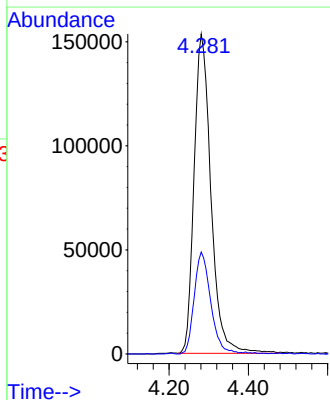
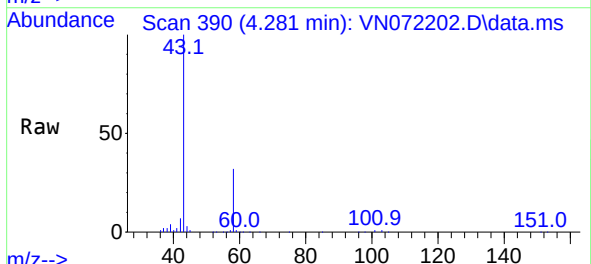
Manual Integrations
APPROVED

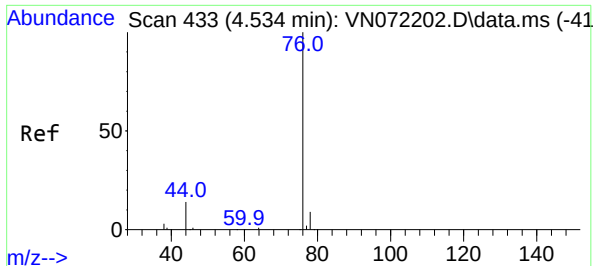
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#16
Acetone
Concen: 296.754 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

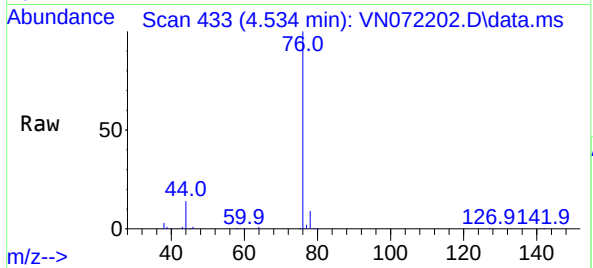
Tgt Ion: 43 Resp: 452735
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0





#17
Carbon Disulfide
Concen: 54.576 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

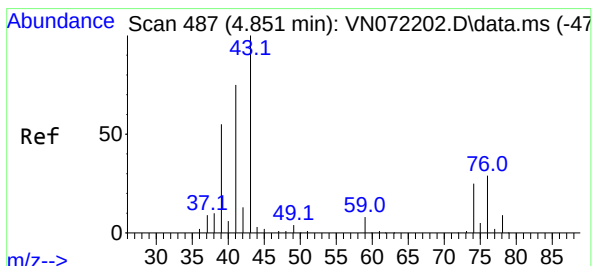
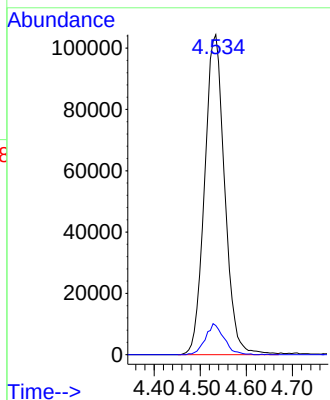
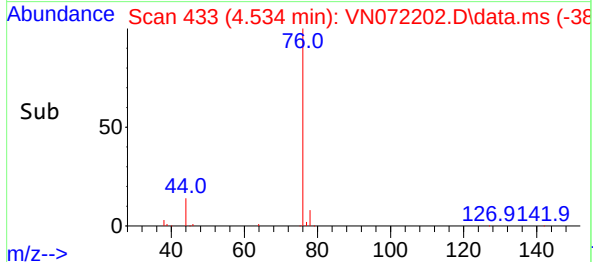
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



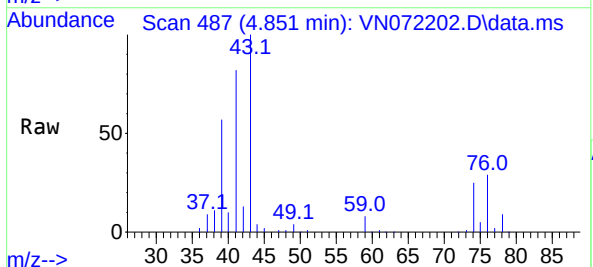
Tgt Ion: 76 Resp: 31588
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
APPROVED

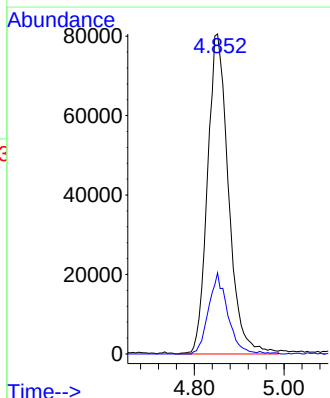
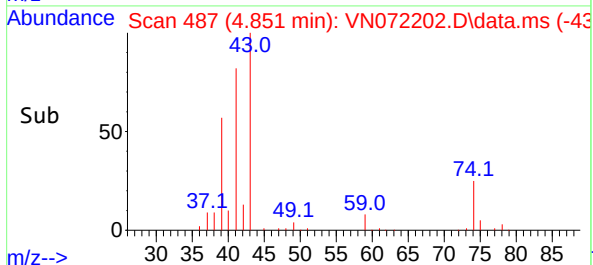
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

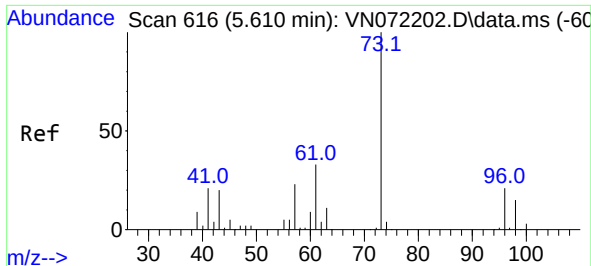


#18
Methyl Acetate
Concen: 56.469 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



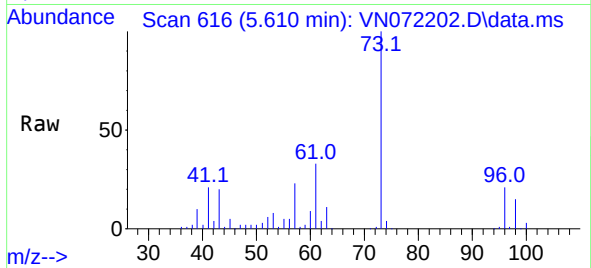
Tgt Ion: 43 Resp: 262550
Ion Ratio Lower Upper
43 100
74 22.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 58.573 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

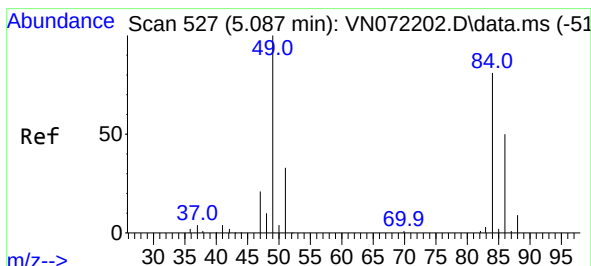
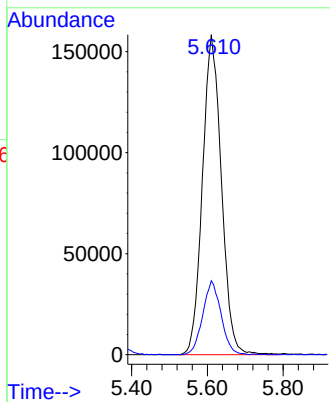
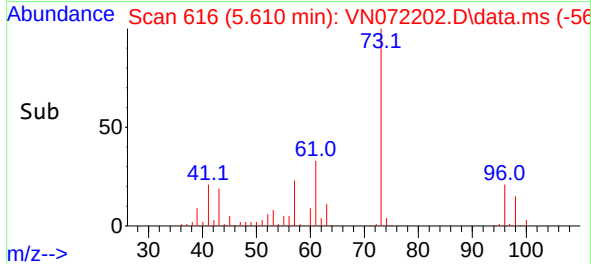
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



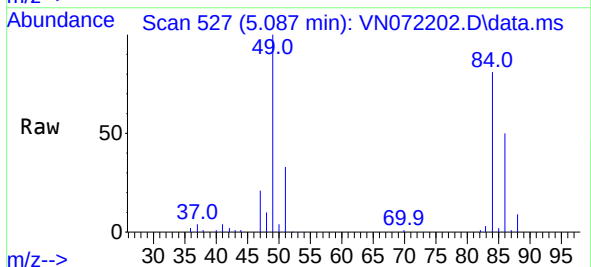
Tgt Ion: 73 Resp: 549036
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4

Manual Integrations
APPROVED

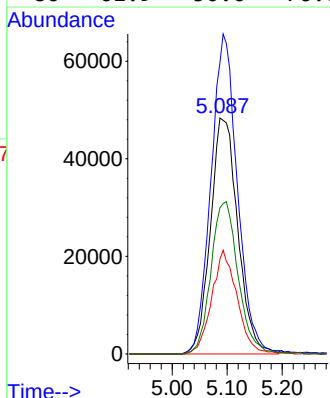
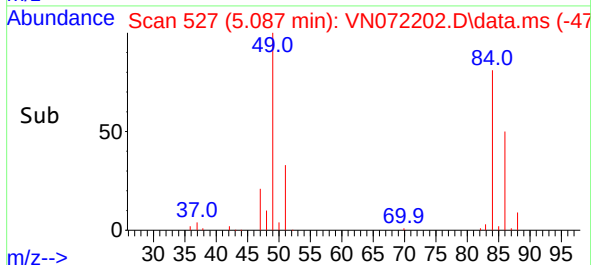
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

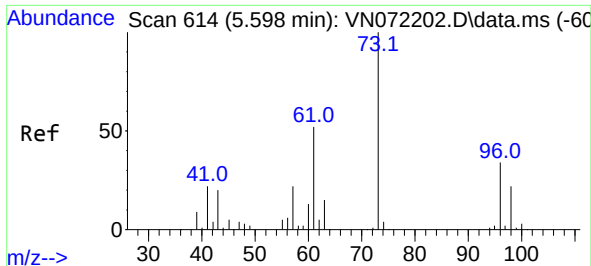


#20
Methylene Chloride
Concen: 53.546 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



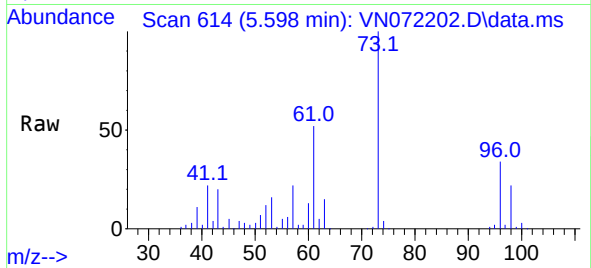
Tgt Ion: 84 Resp: 167208
Ion Ratio Lower Upper
84 100
49 123.5 88.3 132.5
51 40.2 28.2 42.2
86 61.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.401 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

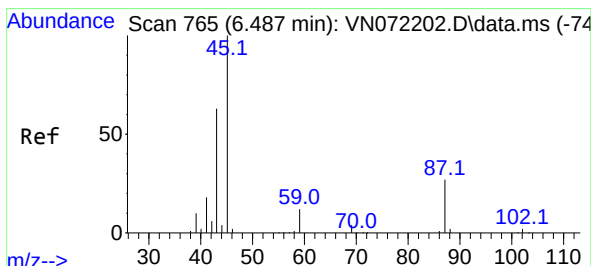
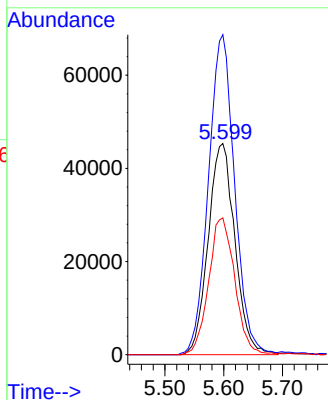
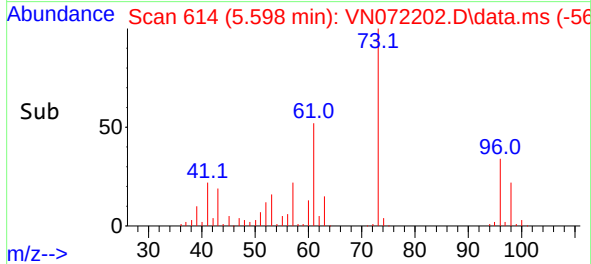
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



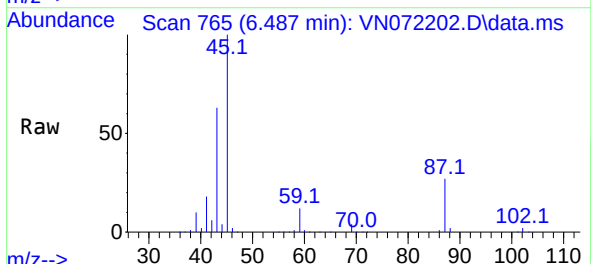
Tgt Ion: 96 Resp: 143248
Ion Ratio Lower Upper
96 100
61 151.5 105.8 158.8
98 64.8 50.3 75.5

Manual Integrations
APPROVED

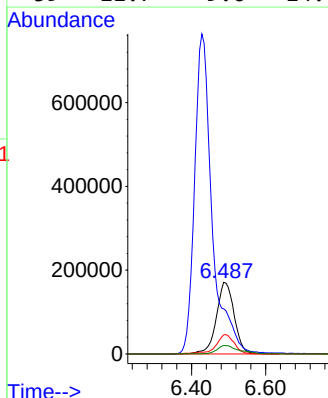
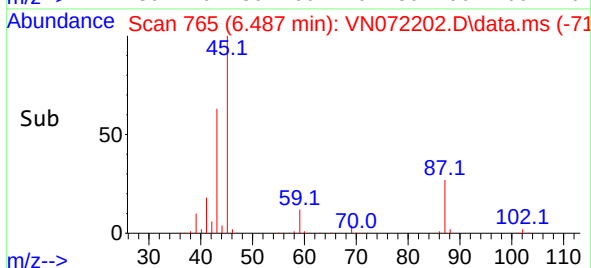
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

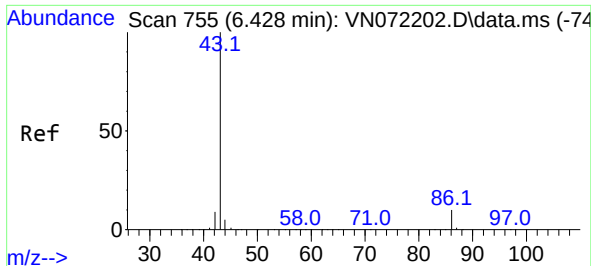


#22
Diisopropyl ether
Concen: 62.888 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion: 45 Resp: 572295
Ion Ratio Lower Upper
45 100
43 62.6 46.6 70.0
87 26.7 24.3 36.5
59 11.7 9.6 14.4





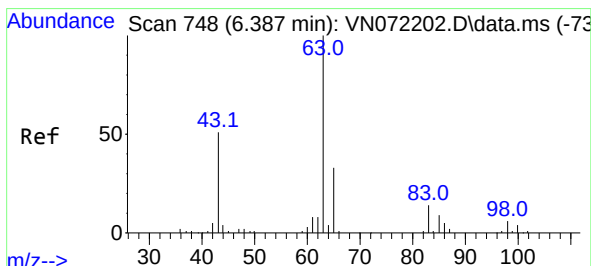
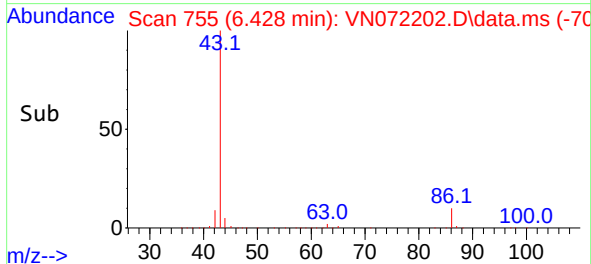
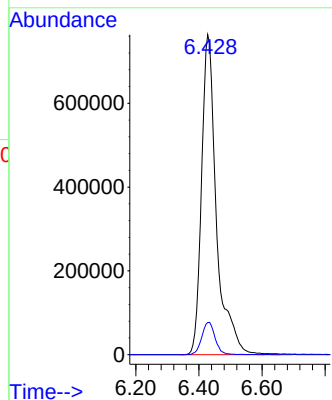
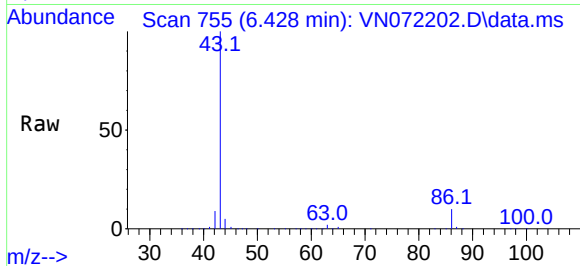
#23
 Vinyl Acetate
 Concen: 344.311 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2510854
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

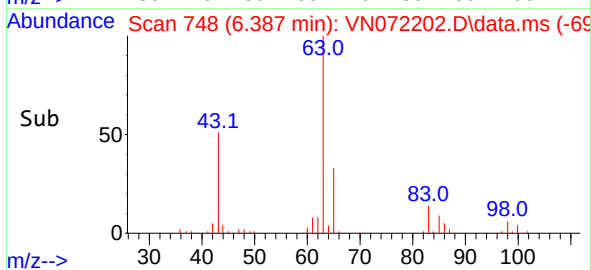
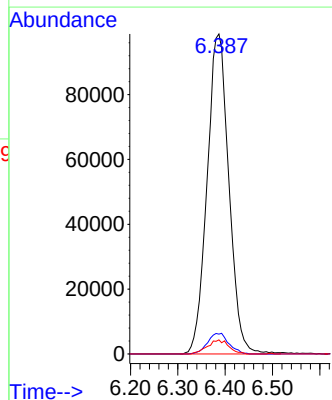
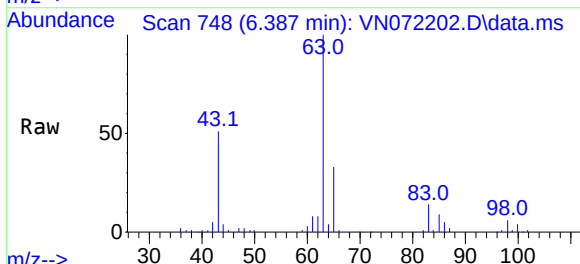
Manual Integrations
 APPROVED

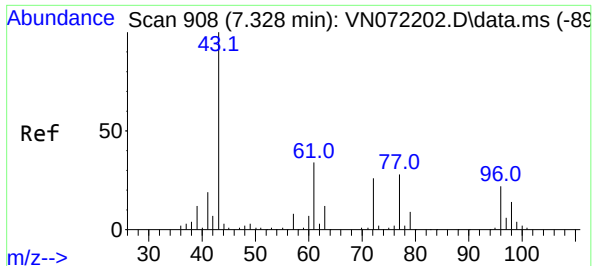
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022



#24
 1,1-Dichloroethane
 Concen: 59.783 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25

Tgt Ion: 63 Resp: 315840
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 336.023 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 750420

Ion Ratio Lower Upper

43 100

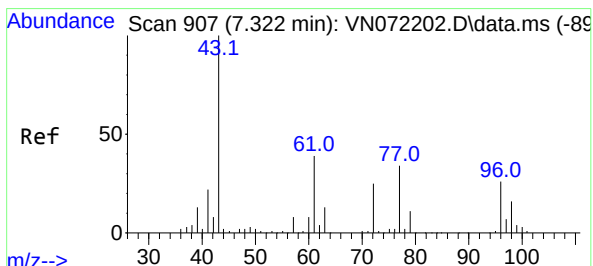
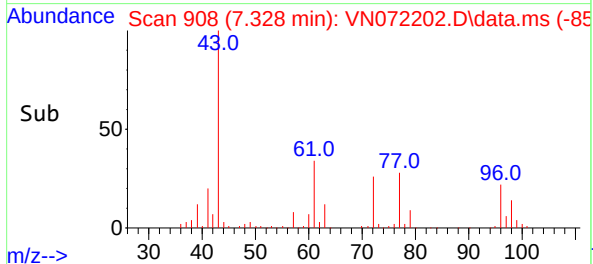
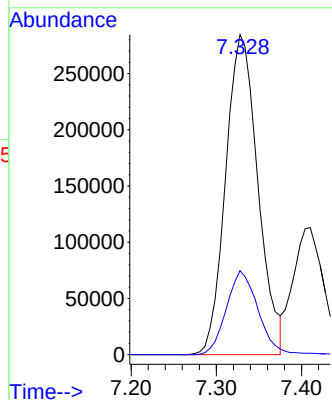
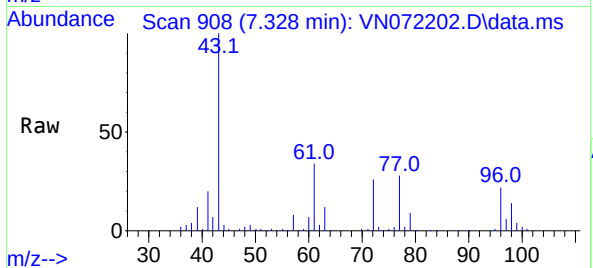
72 26.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#26

2,2-Dichloropropane

Concen: 56.296 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072202.D

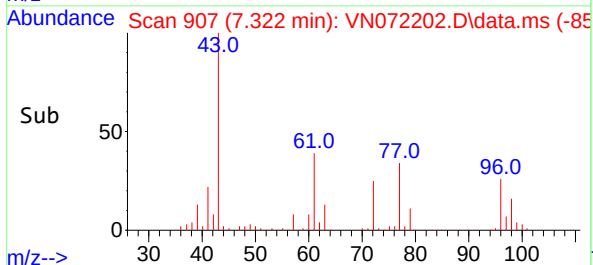
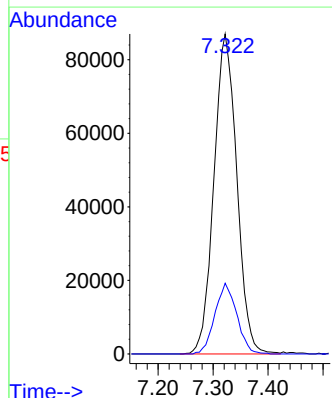
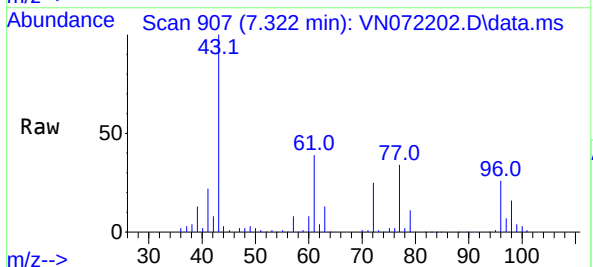
Acq: 26 Apr 2022 16:25

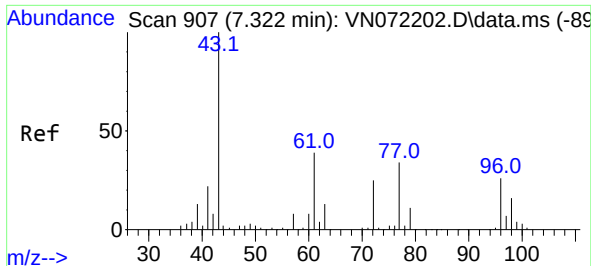
Tgt Ion: 77 Resp: 251268

Ion Ratio Lower Upper

77 100

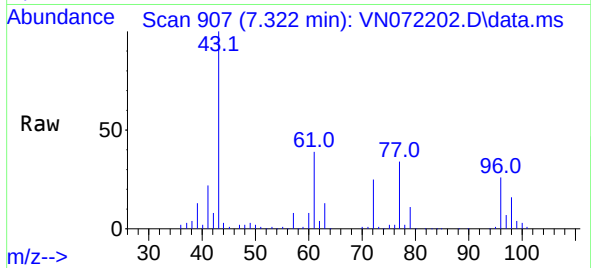
97 21.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 52.973 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25

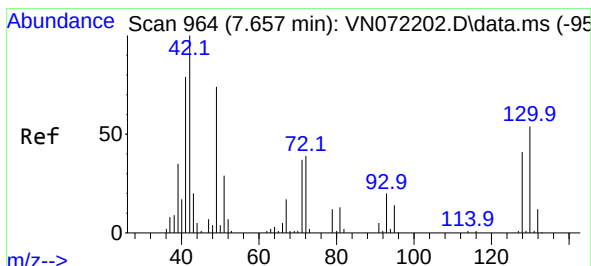
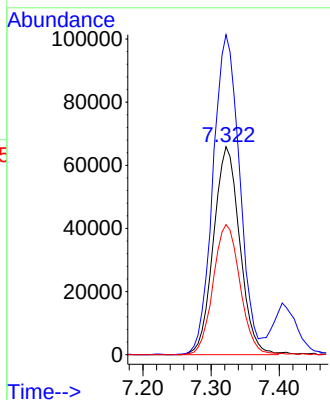
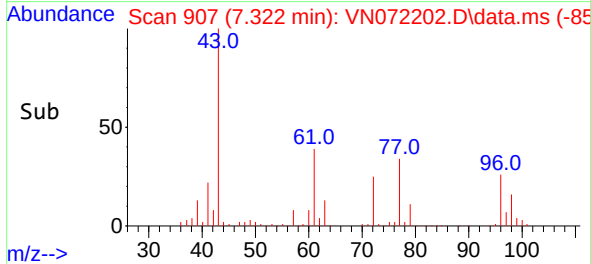
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



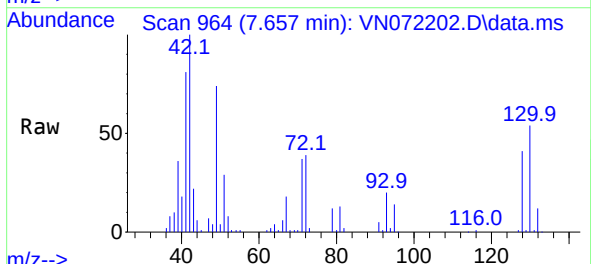
Tgt Ion: 96 Resp: 176794
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 280.6
 98 64.2 0.0 128.4

Manual Integrations
 APPROVED

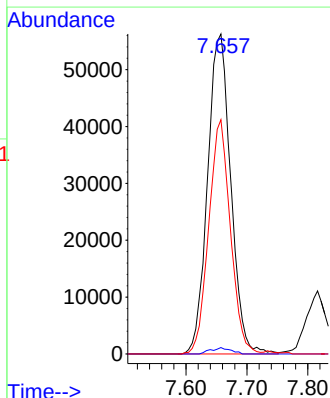
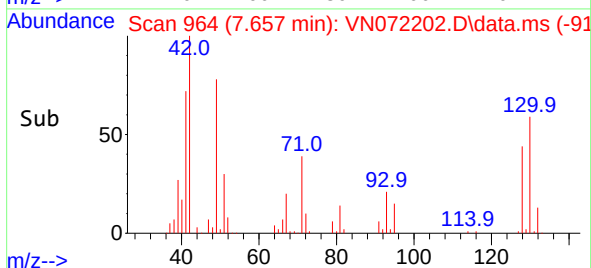
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

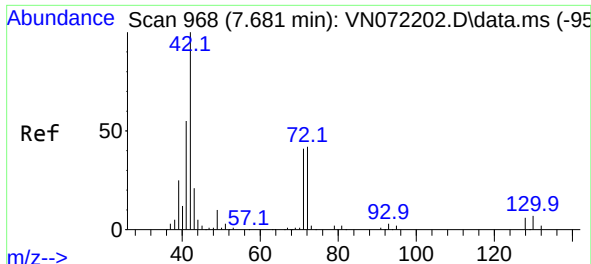


#28
 Bromochloromethane
 Concen: 66.399 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25



Tgt Ion: 49 Resp: 148955
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 68.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 345.440 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 499980

Ion Ratio Lower Upper

42 100

72 41.3 39.7 59.5

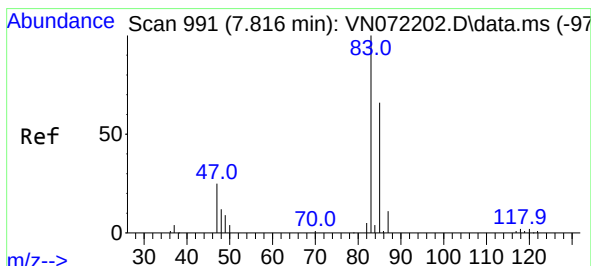
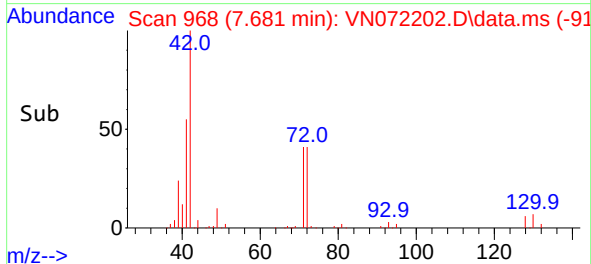
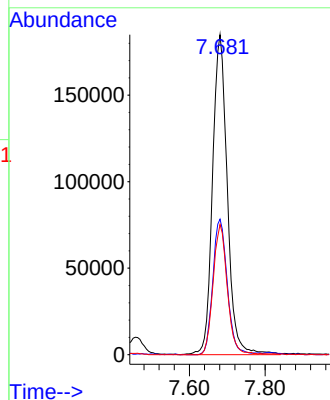
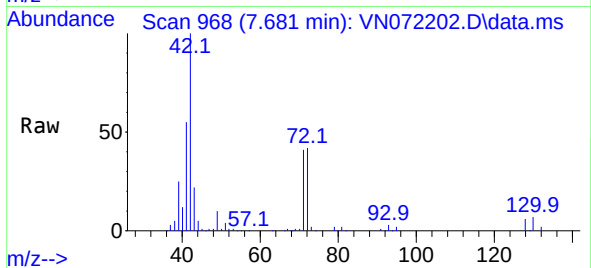
71 38.9 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#30

Chloroform

Concen: 55.926 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN072202.D

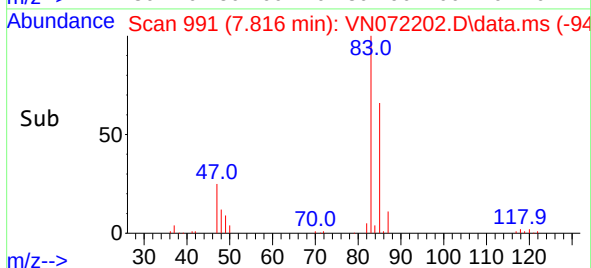
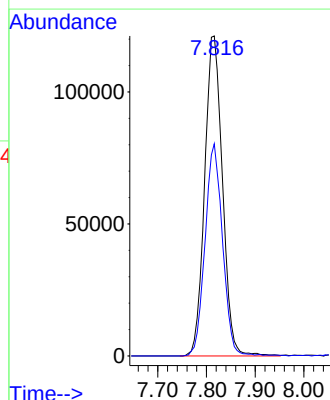
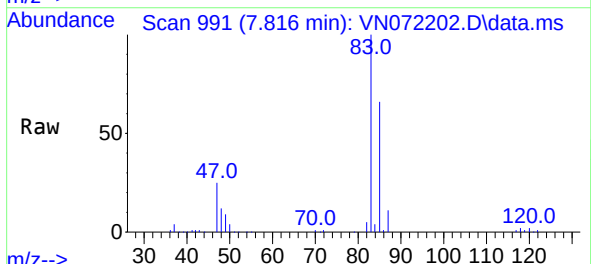
Acq: 26 Apr 2022 16:25

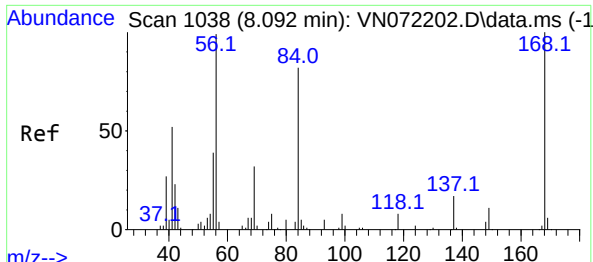
Tgt Ion: 83 Resp: 307581

Ion Ratio Lower Upper

83 100

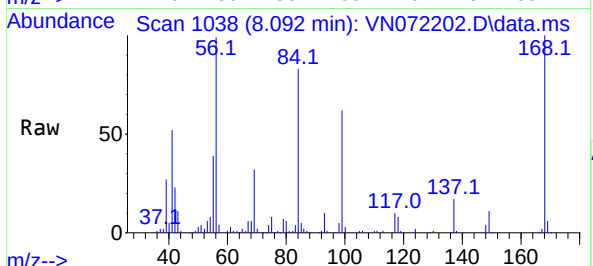
85 66.3 51.8 77.8





#31
Cyclohexane
Concen: 55.928 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

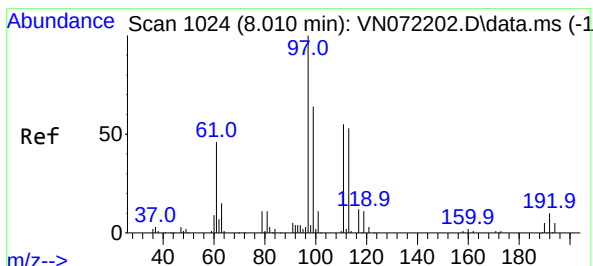
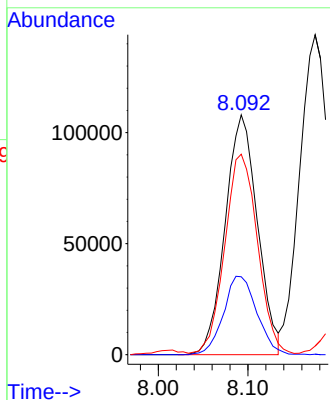
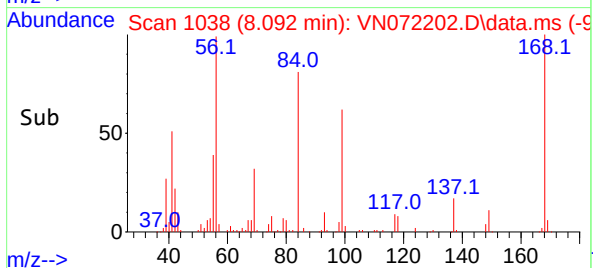
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



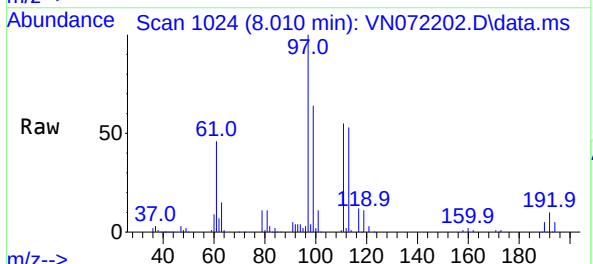
Tgt Ion: 56 Resp: 269494
Ion Ratio Lower Upper
56 100
69 32.5 27.8 41.8
84 82.5 76.9 115.3

Manual Integrations
APPROVED

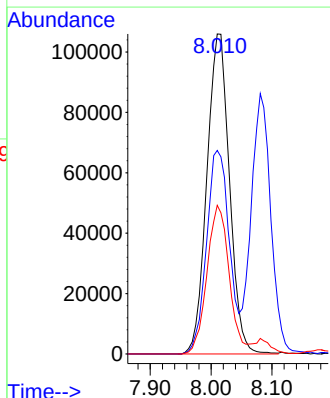
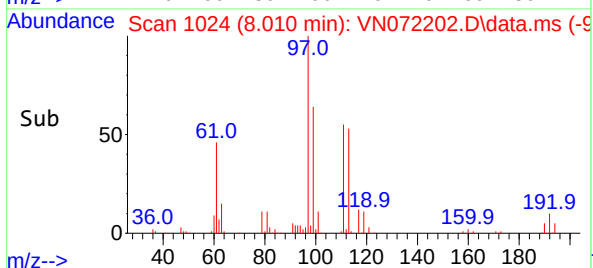
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

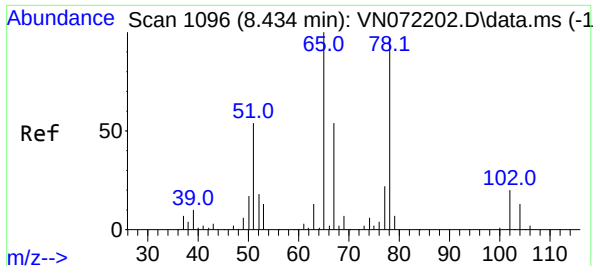


#32
1,1,1-Trichloroethane
Concen: 57.654 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion: 97 Resp: 272955
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 45.8 36.0 54.0





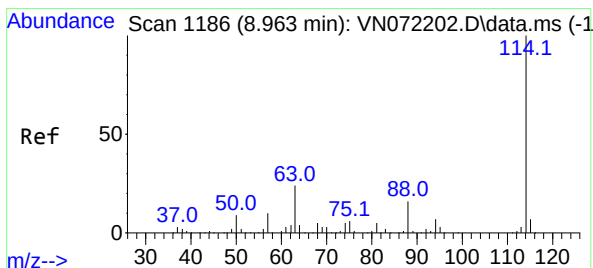
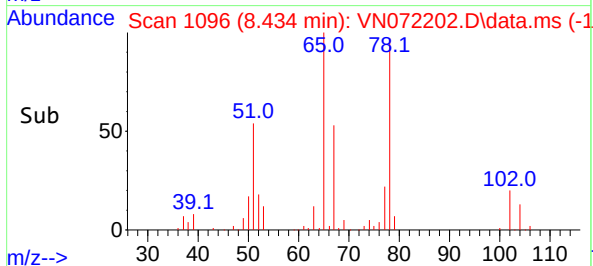
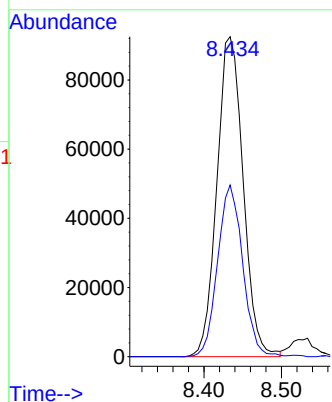
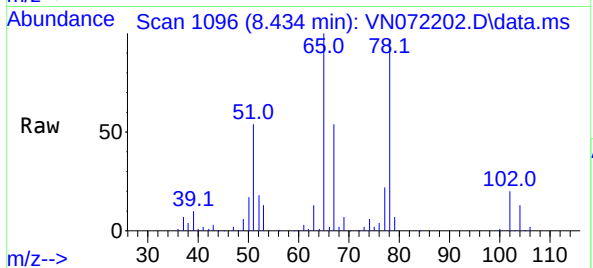
#33
1,2-Dichloroethane-d4
Concen: 60.528 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 217949
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

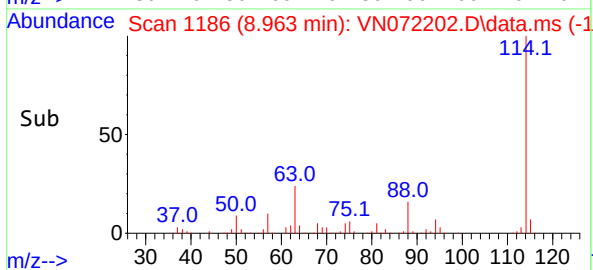
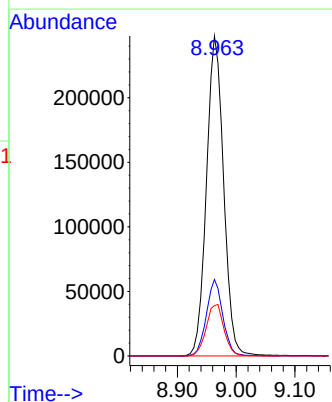
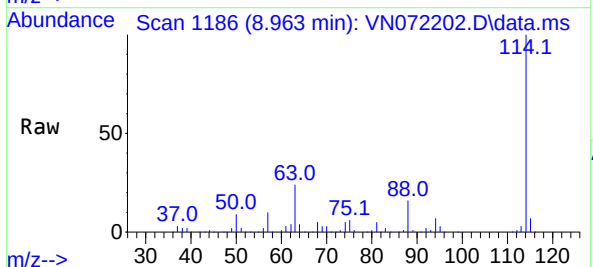
Manual Integrations
APPROVED

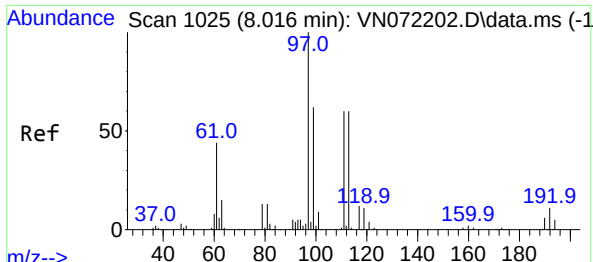
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

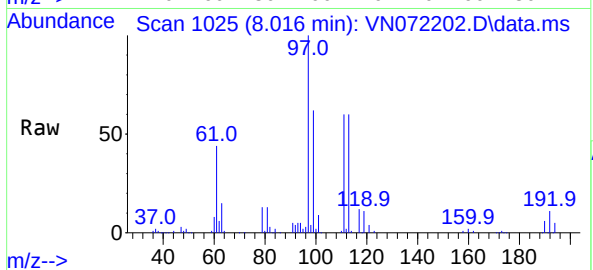
Tgt Ion:114 Resp: 503884
Ion Ratio Lower Upper
114 100
63 23.9 0.0 40.0
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.281 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

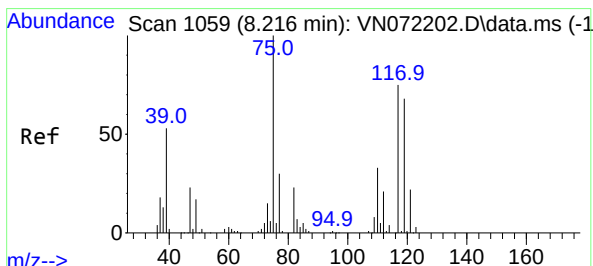
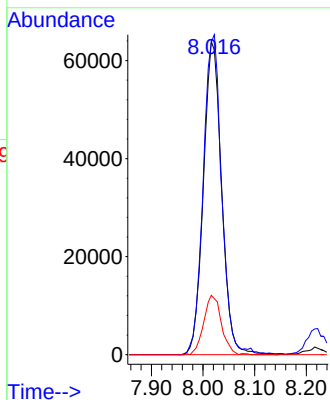
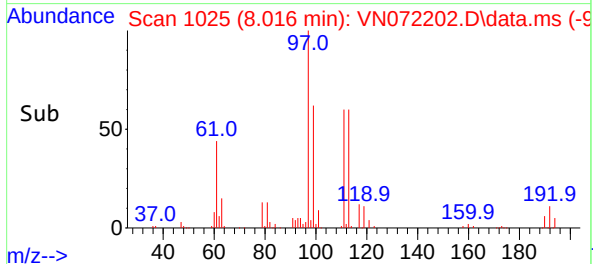
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



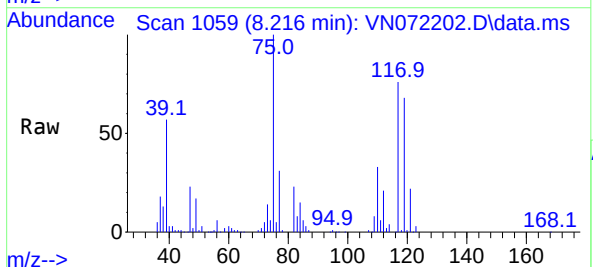
Tgt Ion: 113 Resp: 156499
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.3 17.0 25.6

Manual Integrations
APPROVED

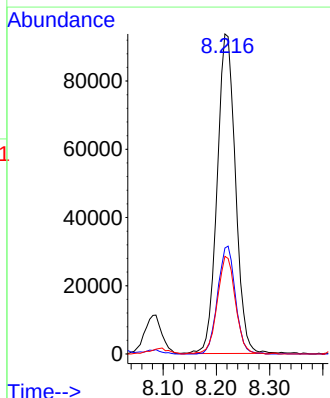
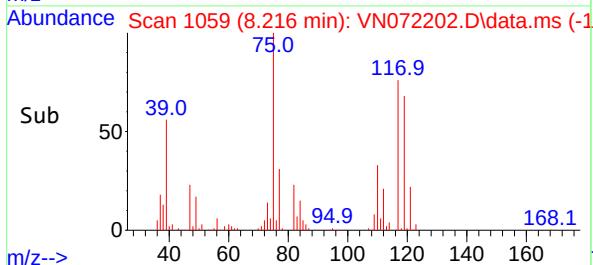
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

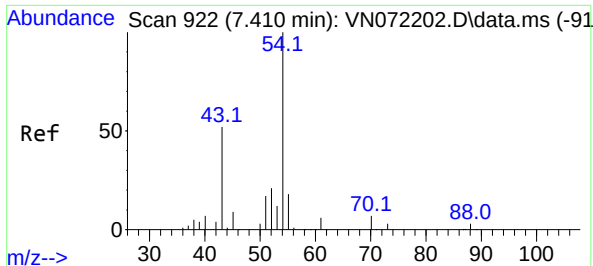


#36
1,1-Dichloropropene
Concen: 53.316 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



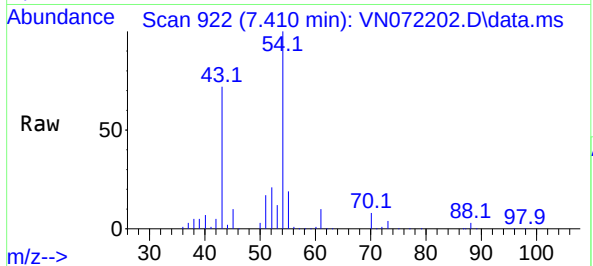
Tgt Ion: 75 Resp: 223279
Ion Ratio Lower Upper
75 100
110 32.6 18.3 54.8
77 30.3 25.1 37.7





#37
Ethyl Acetate
Concen: 62.782 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

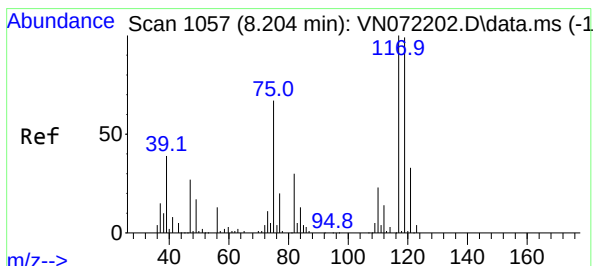
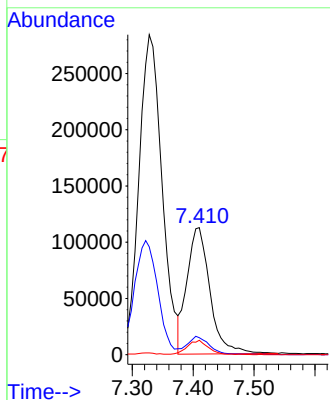
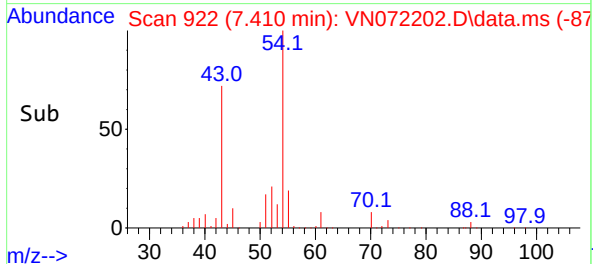
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



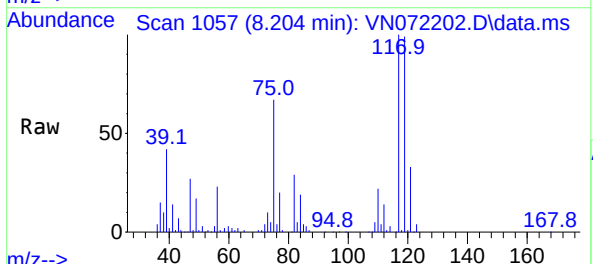
Tgt Ion: 43 Resp: 295364
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.6
70 10.4 9.3 13.9

Manual Integrations
APPROVED

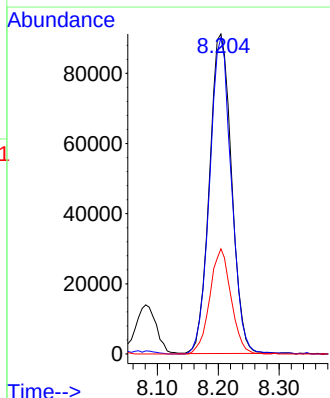
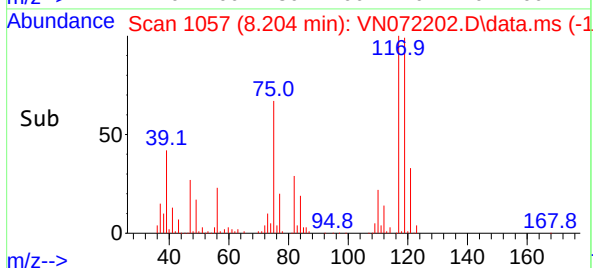
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

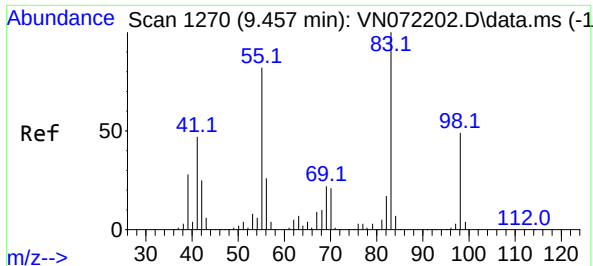


#38
Carbon Tetrachloride
Concen: 55.684 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion:117 Resp: 229689
Ion Ratio Lower Upper
117 100
119 99.0 75.8 113.8
121 32.9 24.6 37.0





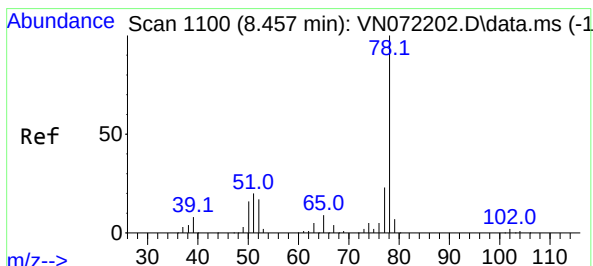
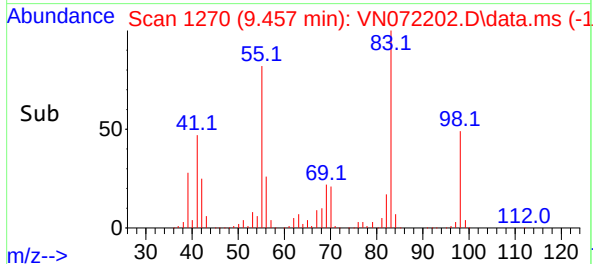
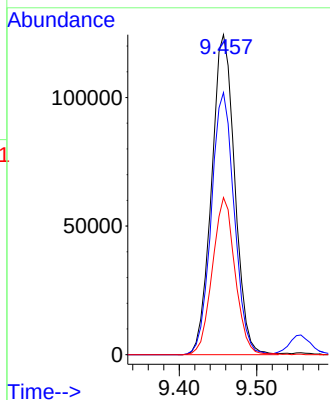
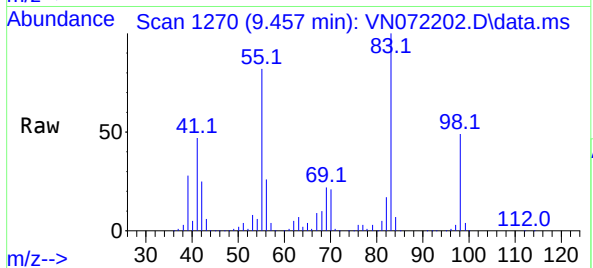
#39
Methylcyclohexane
Concen: 52.550 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 258824
Ion Ratio Lower Upper
83 100
55 81.9 57.8 86.8
98 49.1 39.4 59.2

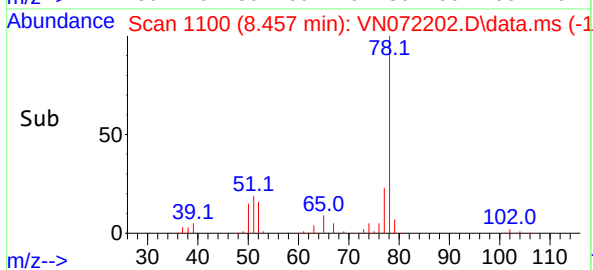
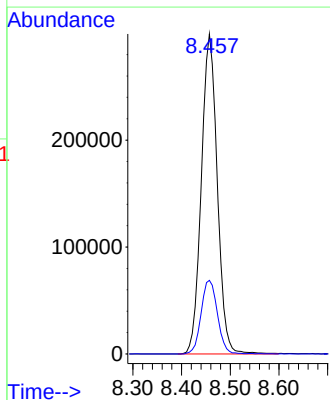
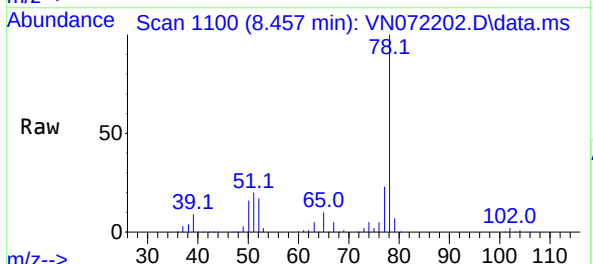
Manual Integrations
APPROVED

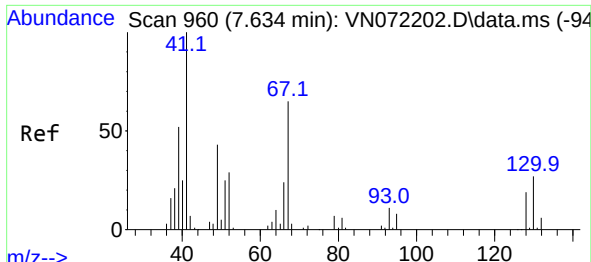
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#40
Benzene
Concen: 51.590 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

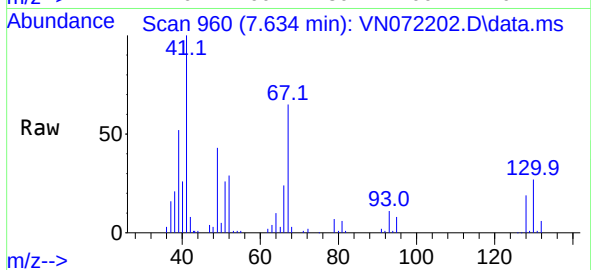
Tgt Ion: 78 Resp: 679149
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0





#41
Methacrylonitrile
Concen: 66.914 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

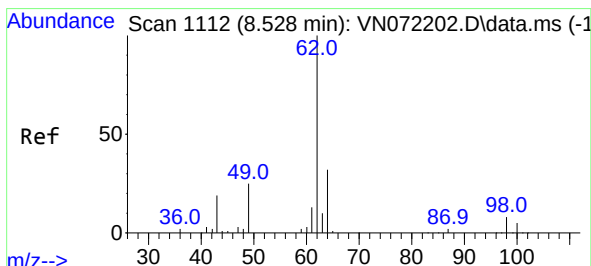
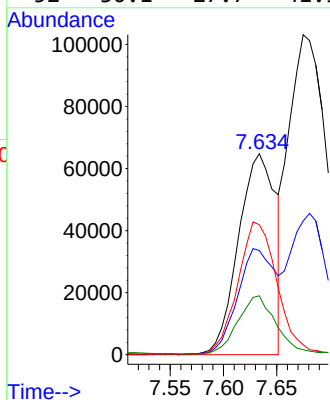
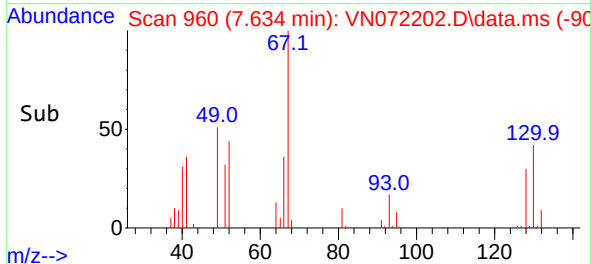
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 157740
Ion Ratio Lower Upper
41 100
39 53.1 48.6 73.0
67 70.2 73.4 110.2
52 30.1 27.7 41.5

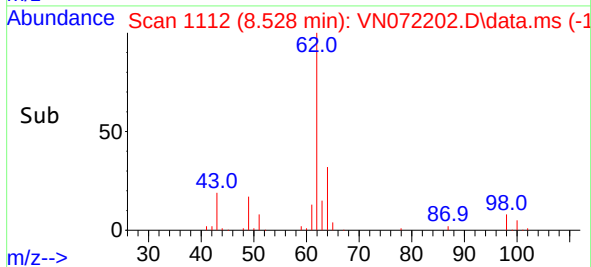
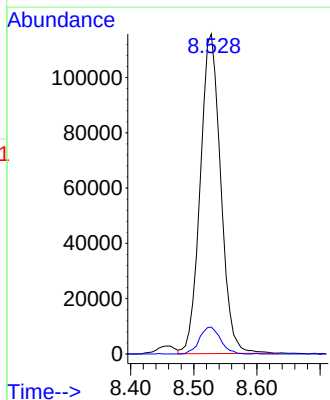
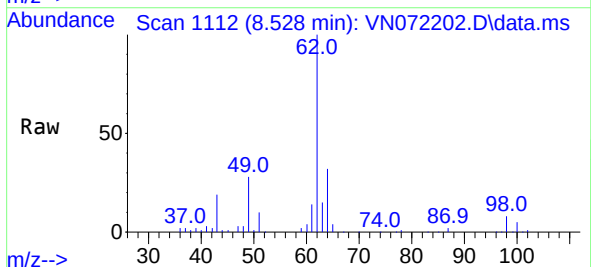
Manual Integrations
APPROVED

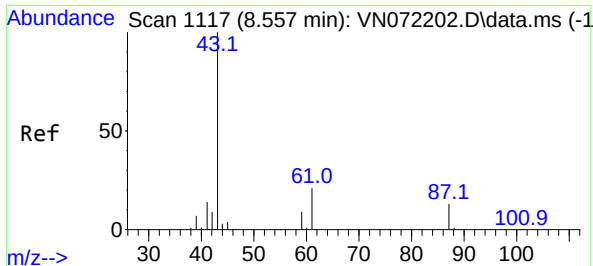
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#42
1,2-Dichloroethane
Concen: 56.110 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

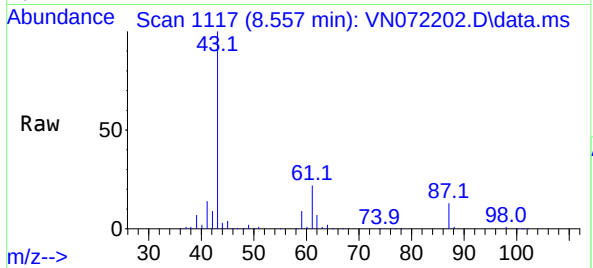
Tgt Ion: 62 Resp: 260186
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 58.111 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

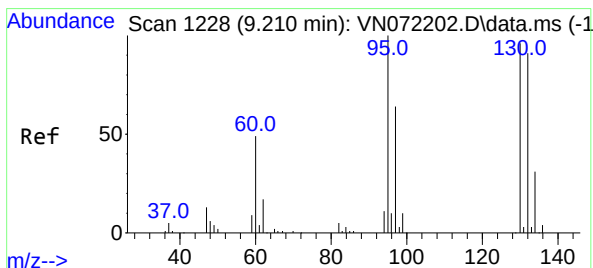
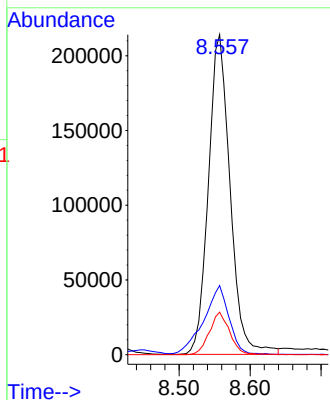
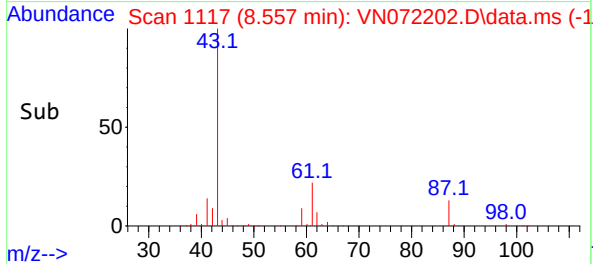
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



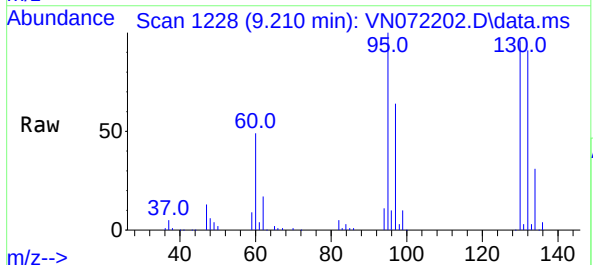
Tgt Ion: 43 Resp: 454480
Ion Ratio Lower Upper
43 100
61 25.2 21.9 32.9
87 12.4 12.0 18.0

Manual Integrations
APPROVED

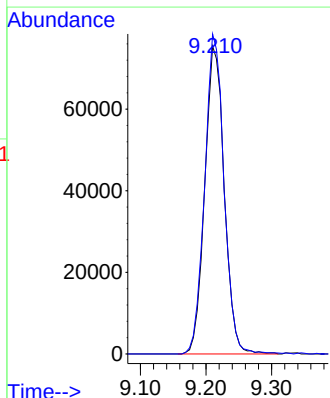
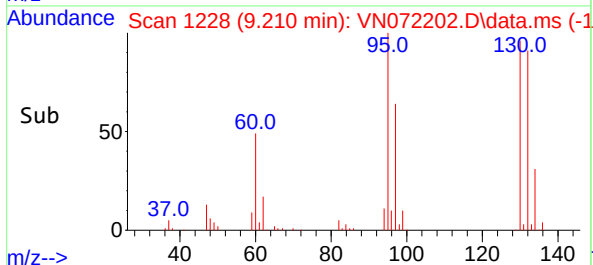
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

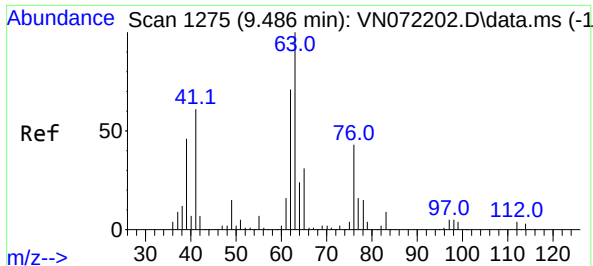


#44
Trichloroethene
Concen: 47.106 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion:130 Resp: 156022
Ion Ratio Lower Upper
130 100
95 104.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 55.549 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 18508

Ion Ratio Lower Upper

63 100

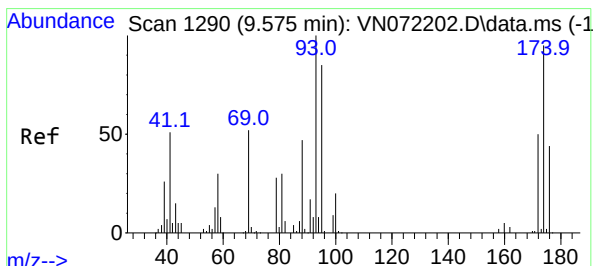
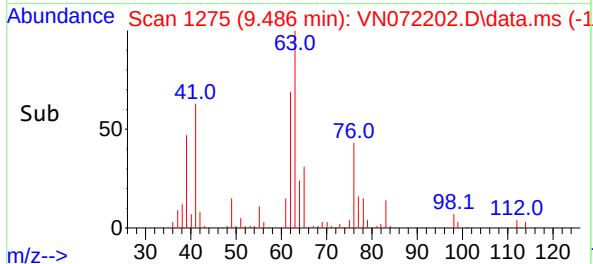
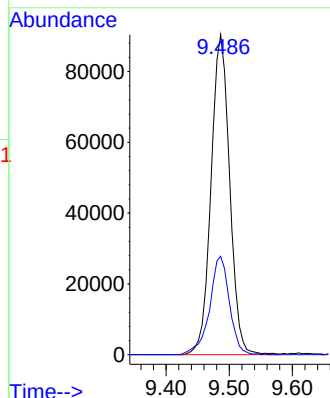
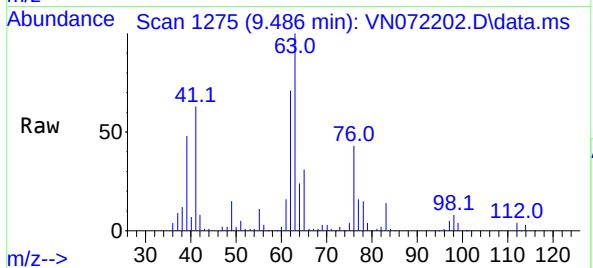
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#46

Dibromomethane

Concen: 52.383 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

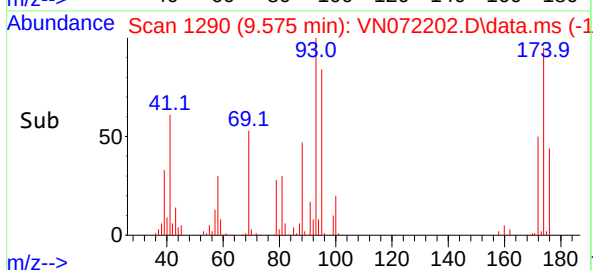
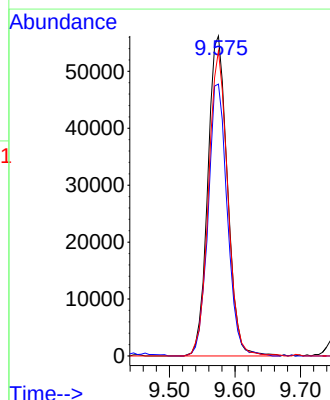
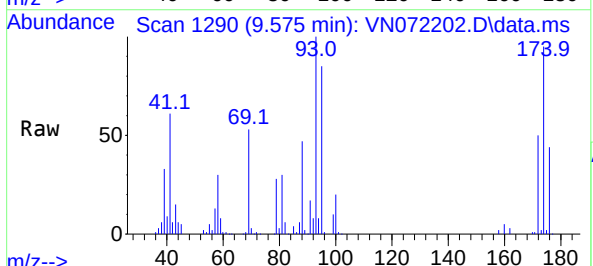
Tgt Ion: 93 Resp: 116928

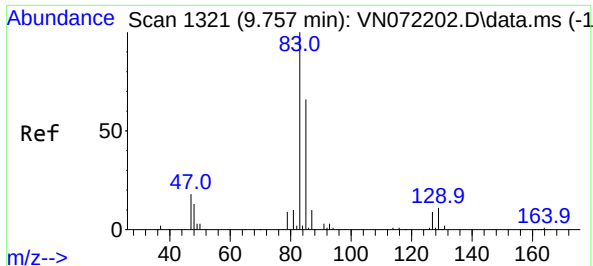
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

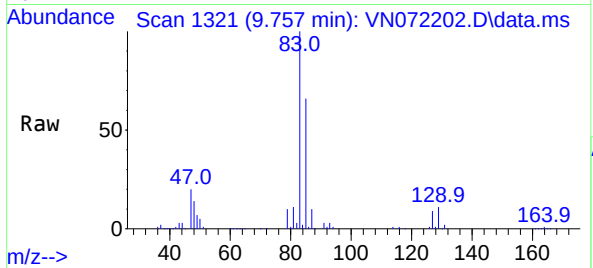
174 93.1 86.6 130.0





#47
Bromodichloromethane
Concen: 56.540 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

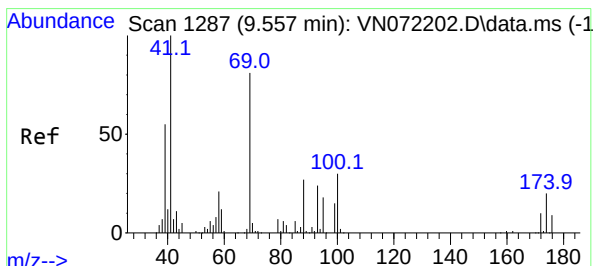
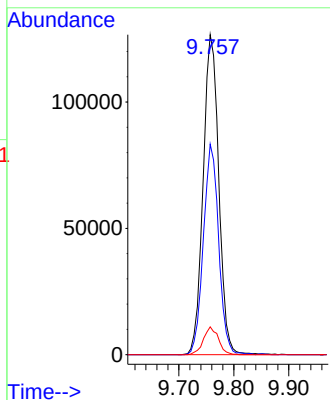
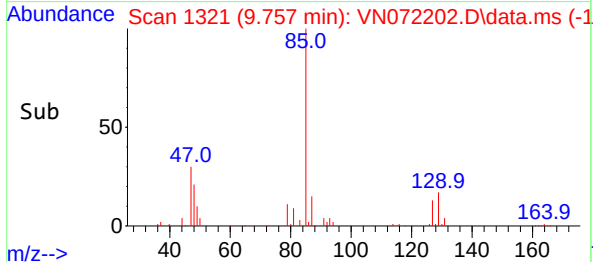
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



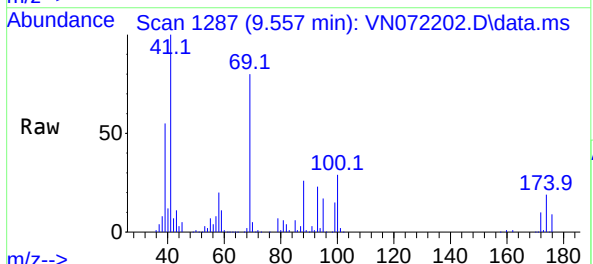
Tgt Ion: 83 Resp: 250750
Ion Ratio Lower Upper
83 100
85 65.8 50.5 75.7
127 8.7 6.8 10.2

Manual Integrations
APPROVED

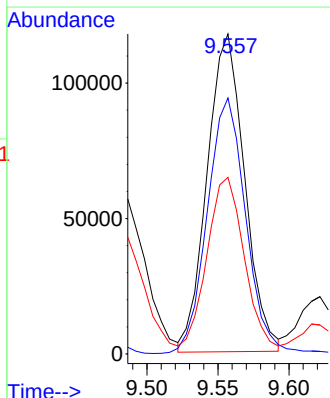
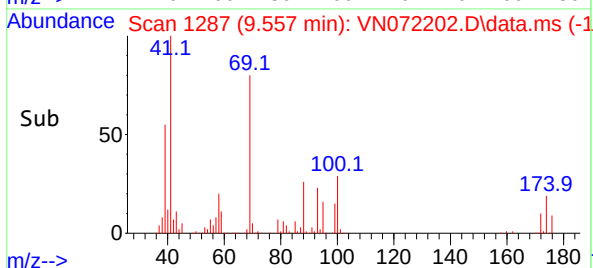
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

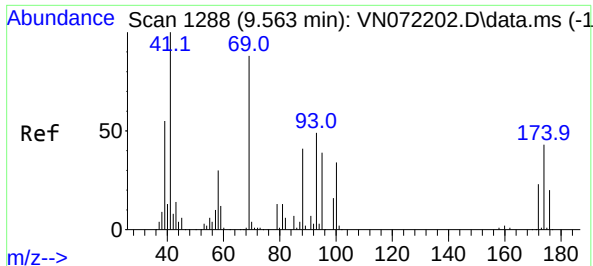


#48
Methyl methacrylate
Concen: 65.449 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



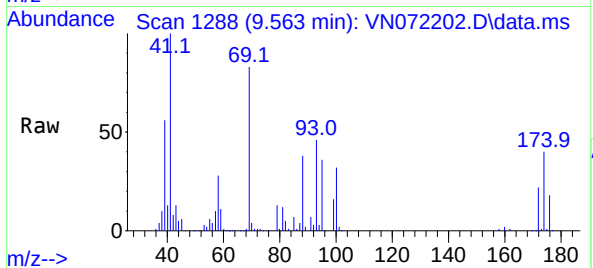
Tgt Ion: 41 Resp: 215563
Ion Ratio Lower Upper
41 100
69 83.9 74.7 112.1
39 56.1 45.6 68.4





#49
1,4-Dioxane
Concen: 951.816 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

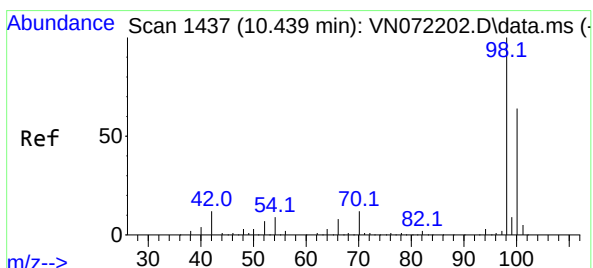
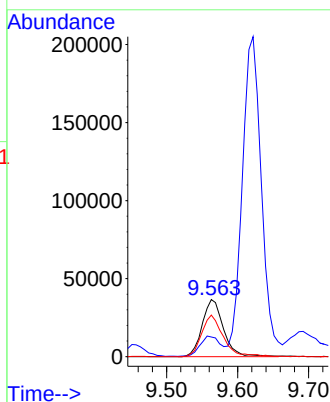
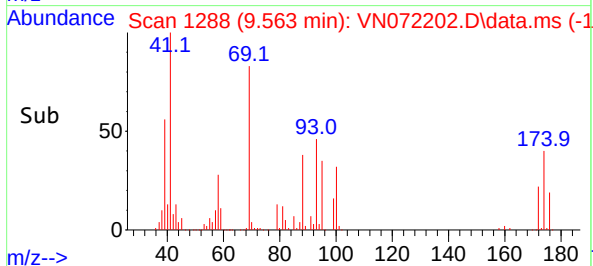
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



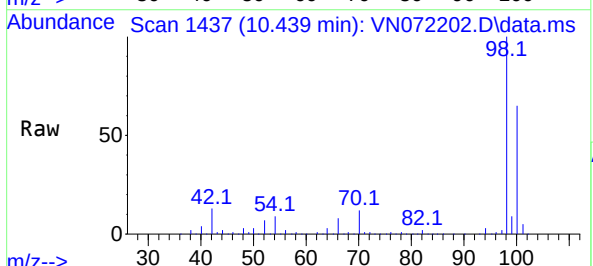
Tgt Ion: 88 Resp: 76334
Ion Ratio Lower Upper
88 100
43 33.5 20.2 30.4
58 74.1 54.2 81.4

Manual Integrations
APPROVED

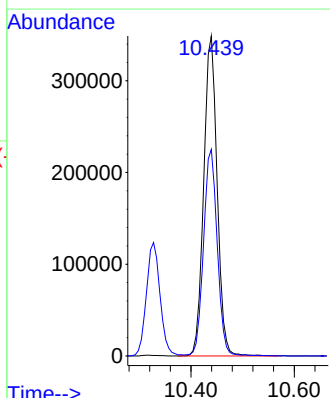
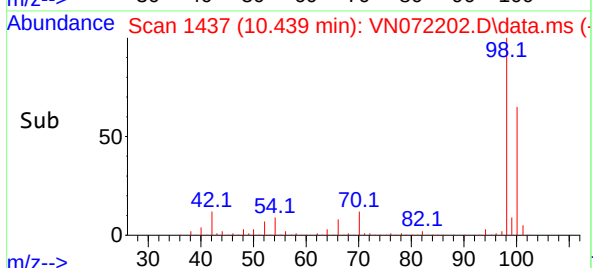
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

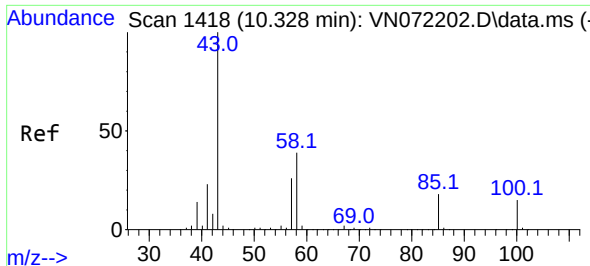


#50
Toluene-d8
Concen: 51.484 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion: 98 Resp: 628503
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





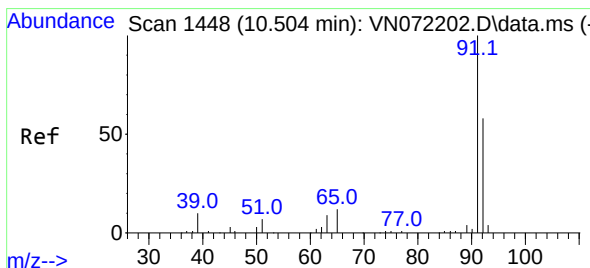
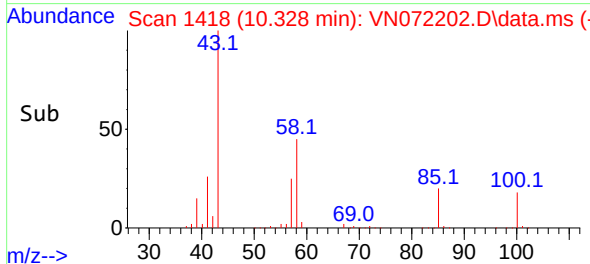
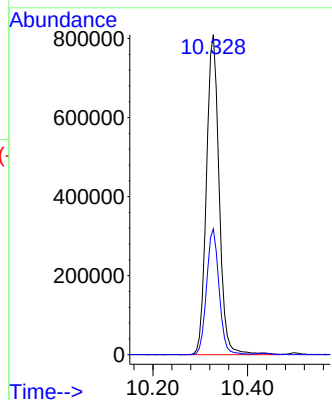
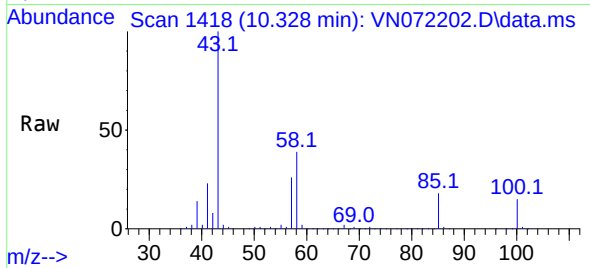
#51
4-Methyl-2-Pentanone
Concen: 330.629 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 150213
Ion Ratio Lower Upper
43 100
58 38.7 34.1 51.1

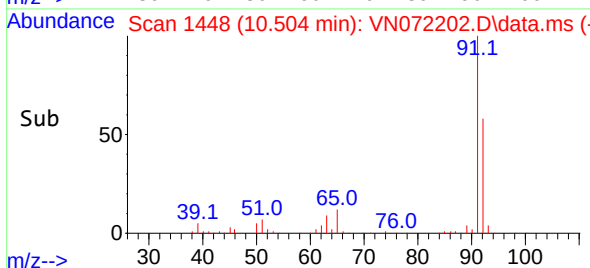
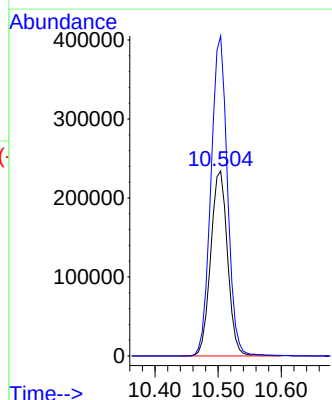
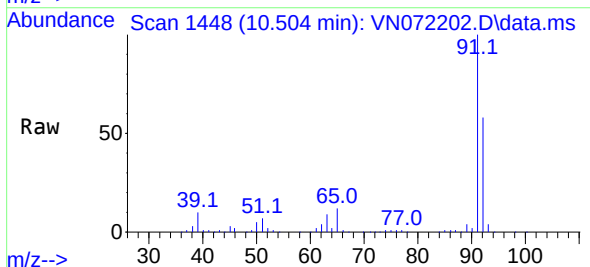
Manual Integrations
APPROVED

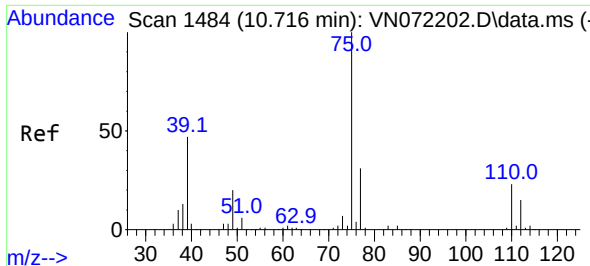
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#52
Toluene
Concen: 52.374 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

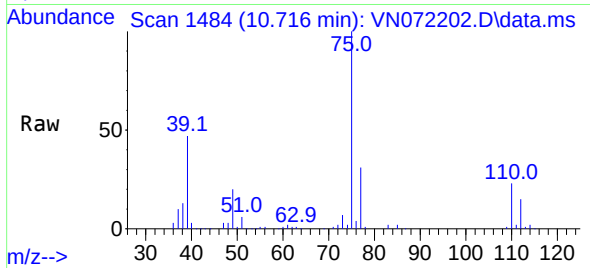
Tgt Ion: 92 Resp: 433886
Ion Ratio Lower Upper
92 100
91 169.4 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 57.438 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25

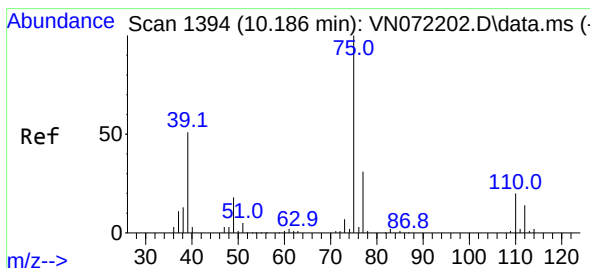
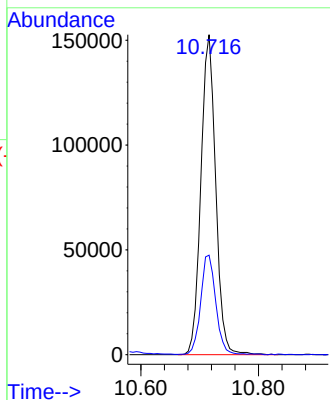
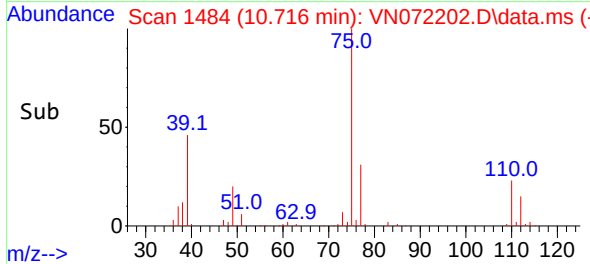
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



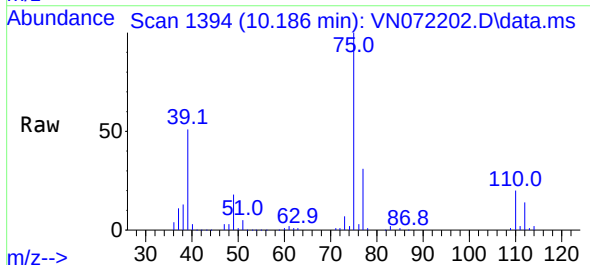
Tgt Ion: 75 Resp: 266059
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4

Manual Integrations
 APPROVED

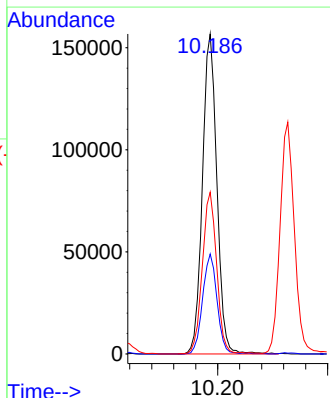
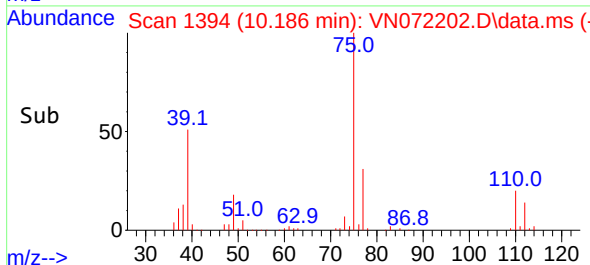
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

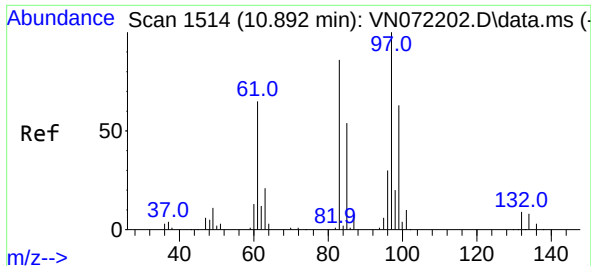


#54
 cis-1,3-Dichloropropene
 Concen: 56.080 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25



Tgt Ion: 75 Resp: 285943
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 50.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 51.253 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

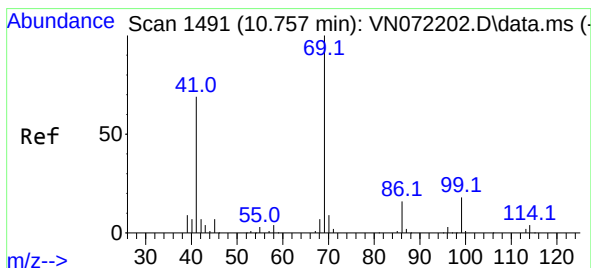
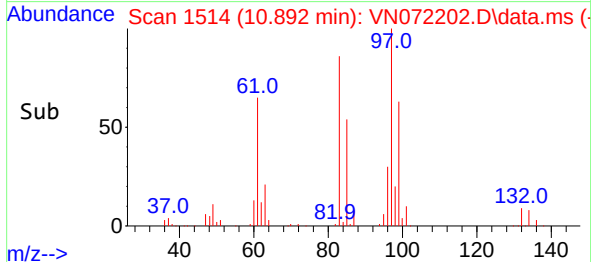
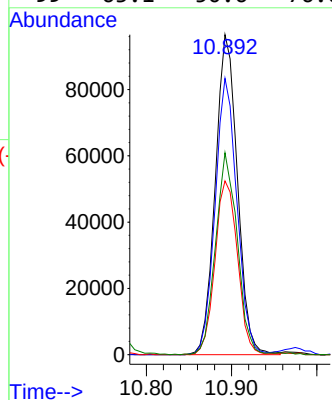
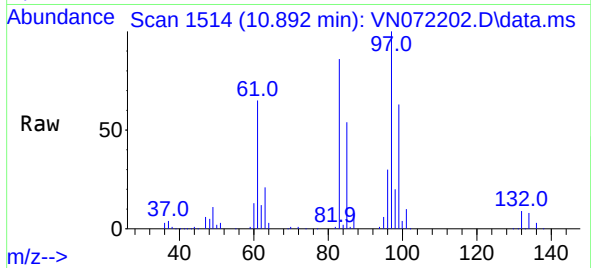
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 174456

Ion	Ratio	Lower	Upper
97	100		
83	86.3	66.2	99.4
85	54.3	43.9	65.9
99	63.1	50.6	76.0

Manual Integrations
APPROVED

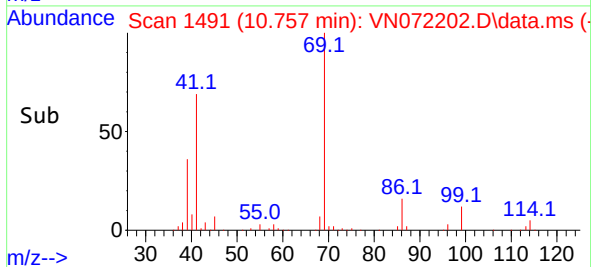
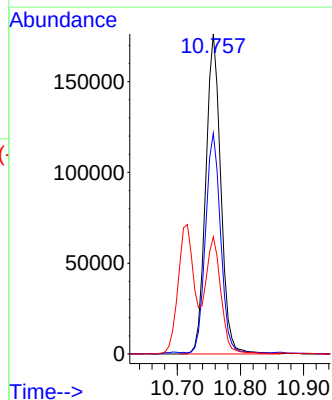
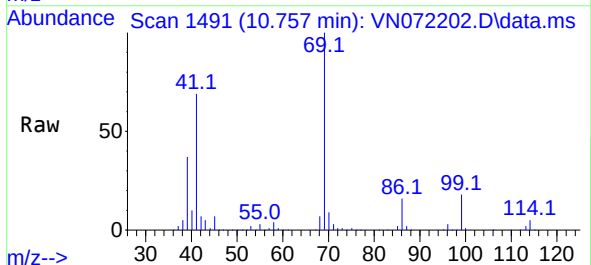
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

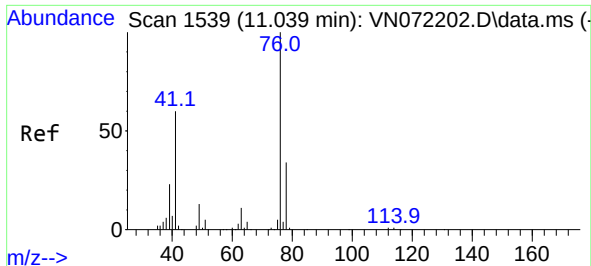


#56
Ethyl methacrylate
Concen: 59.251 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Tgt Ion: 69 Resp: 291995

Ion	Ratio	Lower	Upper
69	100		
41	68.5	47.8	71.6
39	37.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 53.662 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 308228

Ion Ratio Lower Upper

76 100

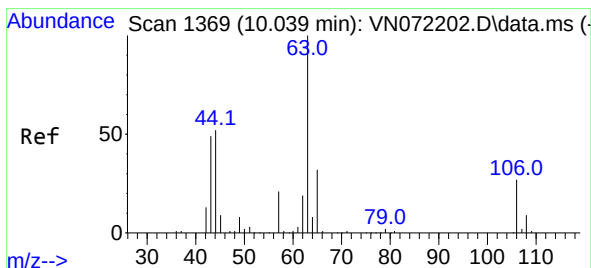
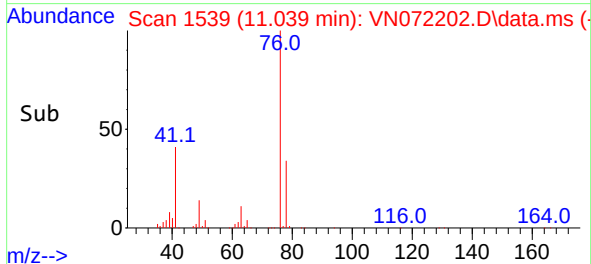
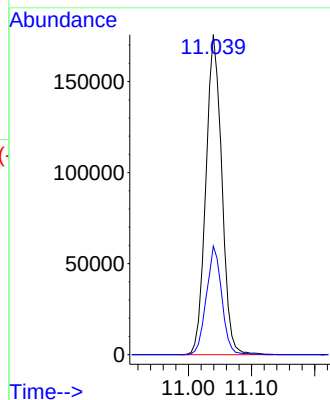
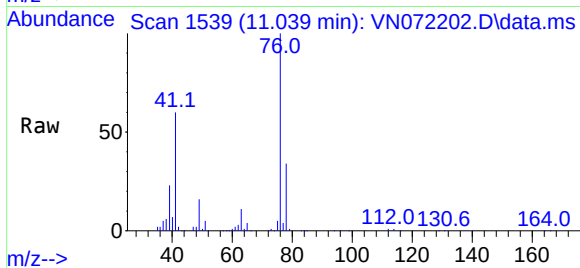
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 338.338 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072202.D

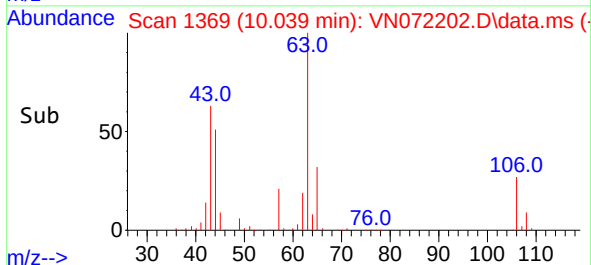
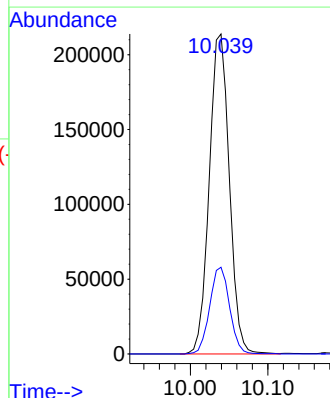
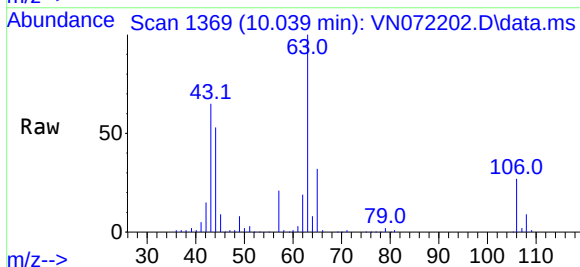
Acq: 26 Apr 2022 16:25

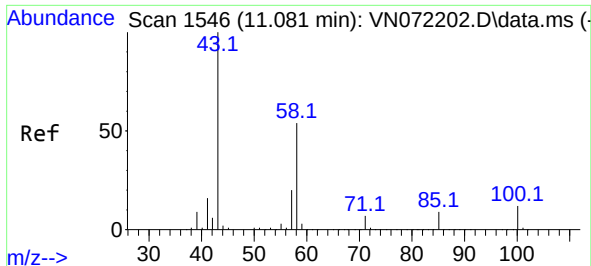
Tgt Ion: 63 Resp: 385901

Ion Ratio Lower Upper

63 100

106 26.8 24.6 36.8





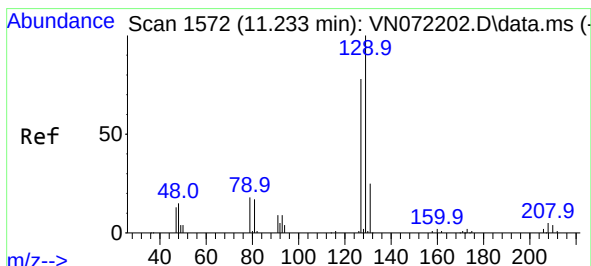
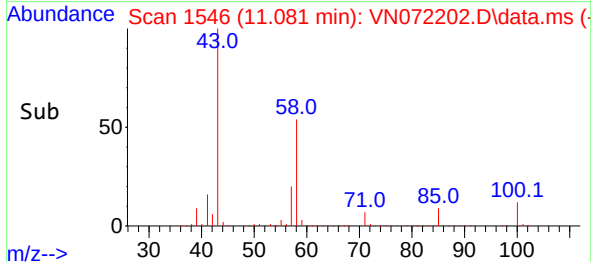
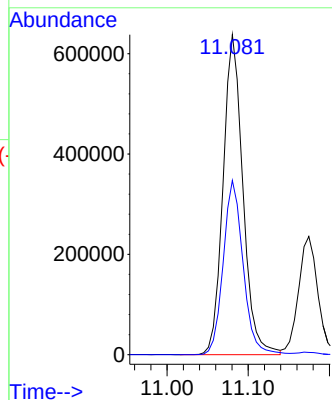
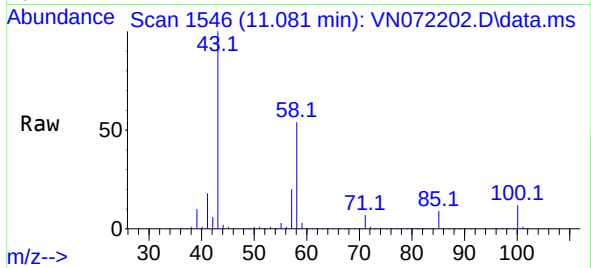
#59
2-Hexanone
Concen: 339.042 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 108568
Ion Ratio Lower Upper
43 100
58 54.4 29.7 89.1

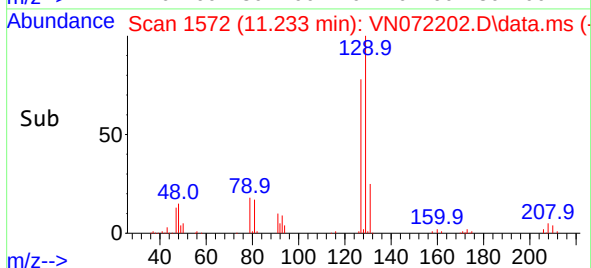
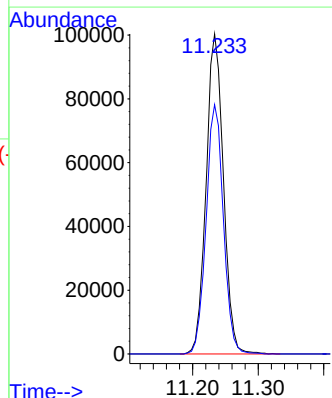
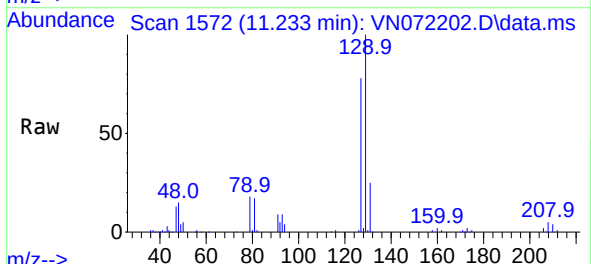
Manual Integrations
APPROVED

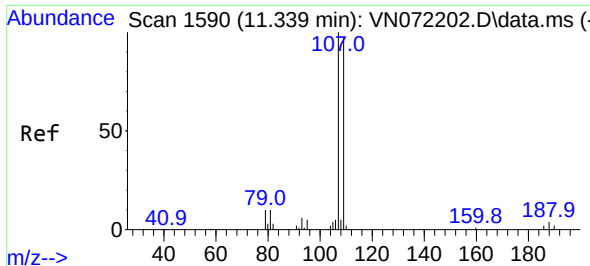
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#60
Dibromochloromethane
Concen: 55.275 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Tgt Ion:129 Resp: 184104
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





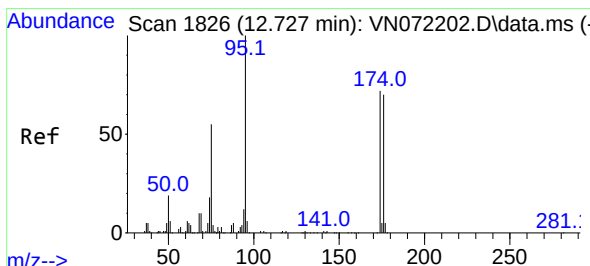
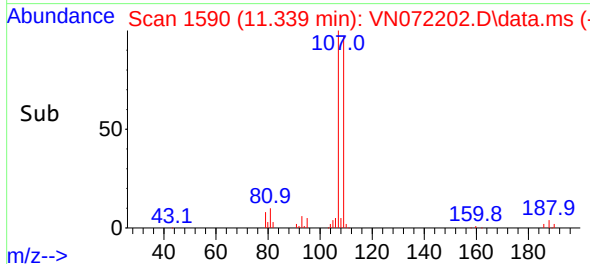
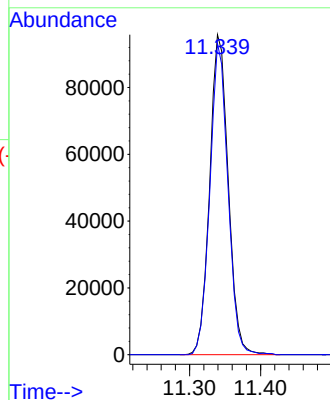
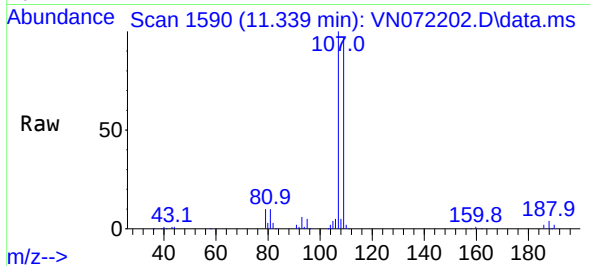
#61
1,2-Dibromoethane
Concen: 51.986 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 173875
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

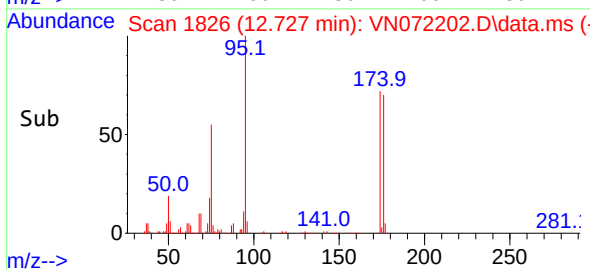
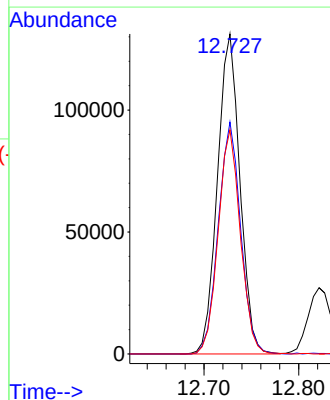
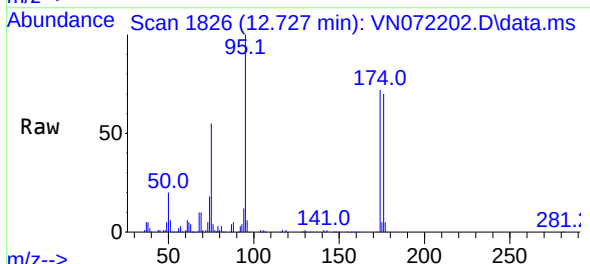
Manual Integrations
APPROVED

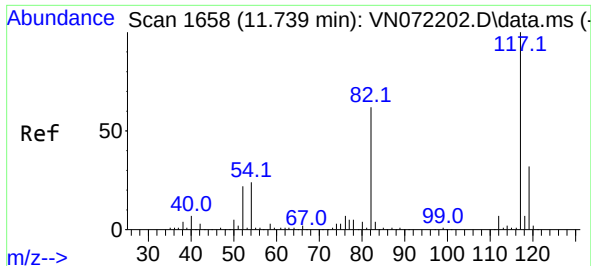
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#62
4-Bromofluorobenzene
Concen: 54.538 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Tgt Ion: 95 Resp: 216331
Ion Ratio Lower Upper
95 100
174 72.2 0.0 167.6
176 69.2 0.0 163.4





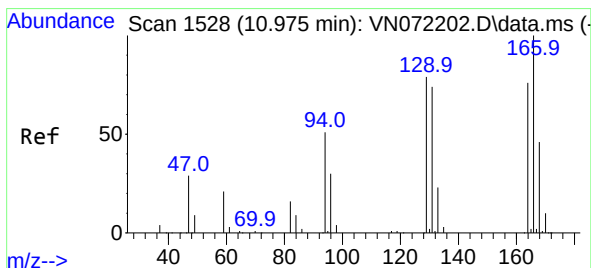
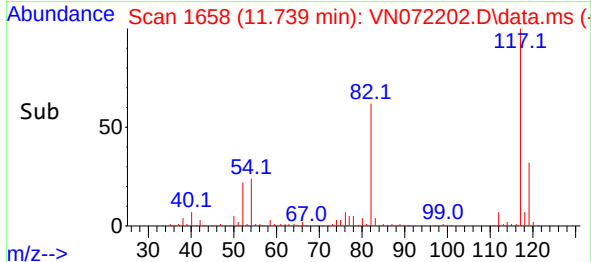
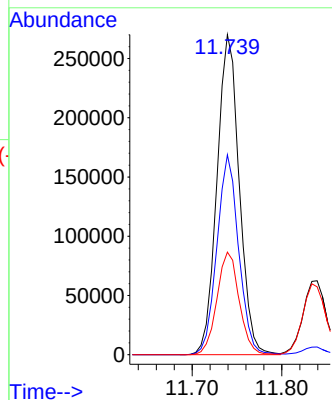
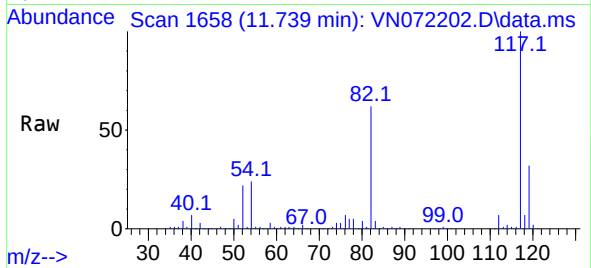
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 46554
Ion Ratio Lower Upper
117 100
82 62.4 44.2 66.2
119 32.1 25.4 38.0

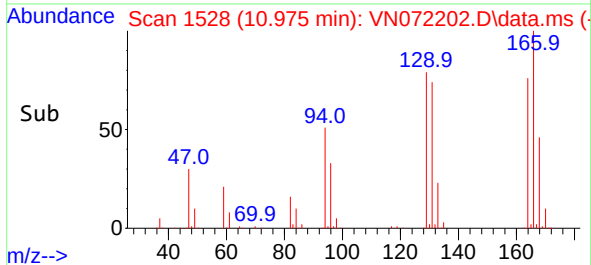
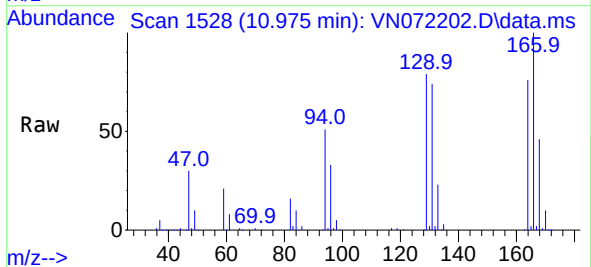
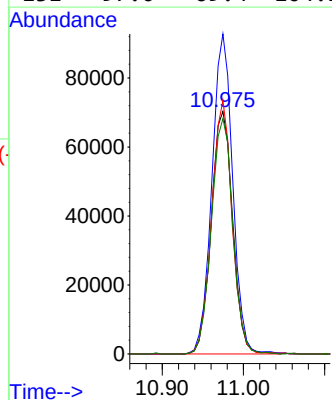
Manual Integrations
APPROVED

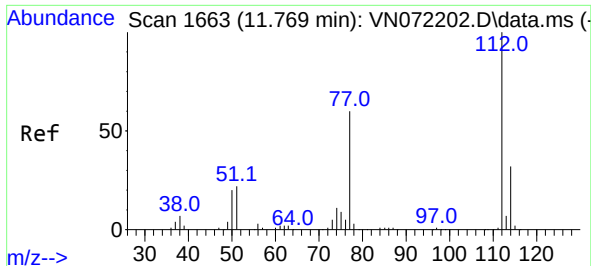
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#64
Tetrachloroethene
Concen: 42.930 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

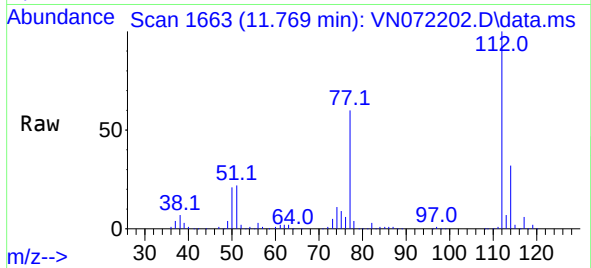
Tgt Ion:164 Resp: 128965
Ion Ratio Lower Upper
164 100
166 131.9 104.2 156.2
129 104.5 73.9 110.9
131 97.0 69.4 104.2





#65
Chlorobenzene
Concen: 47.846 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

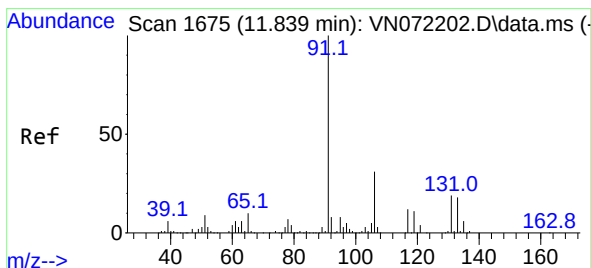
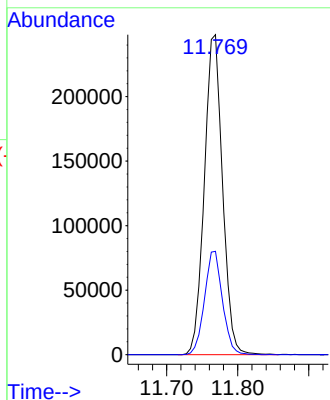
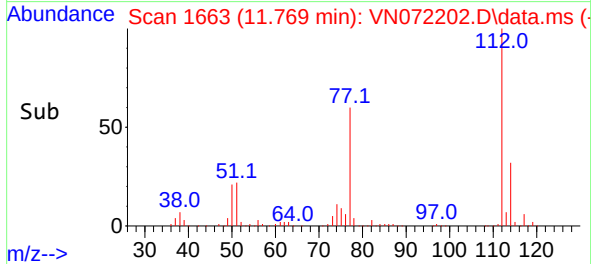
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



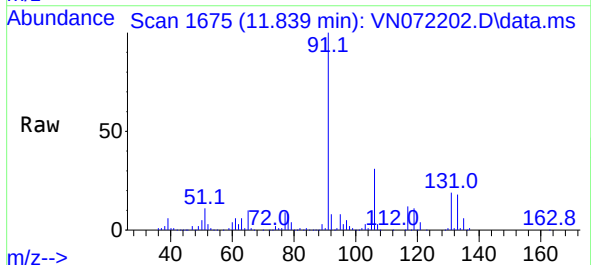
Tgt Ion:112 Resp: 441609
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

Manual Integrations
APPROVED

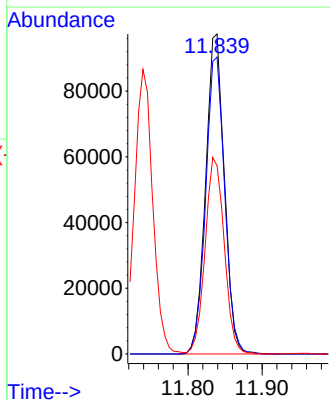
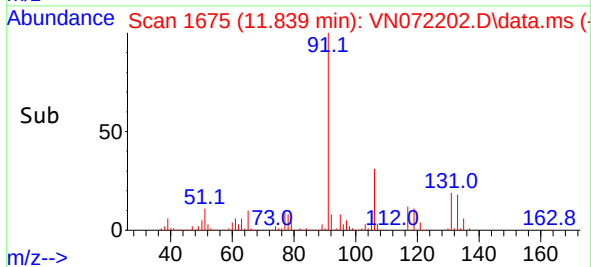
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

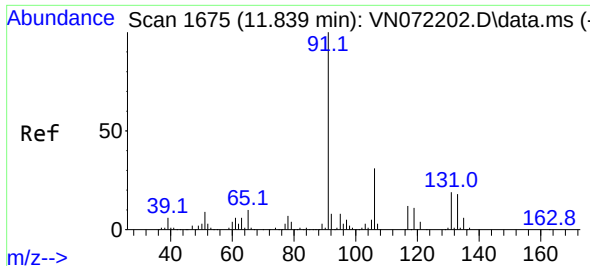


#66
1,1,1,2-Tetrachloroethane
Concen: 50.878 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



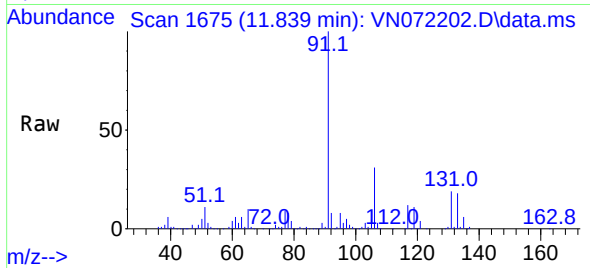
Tgt Ion:131 Resp: 170868
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 62.9 33.4 100.2





#67
Ethyl Benzene
Concen: 52.779 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

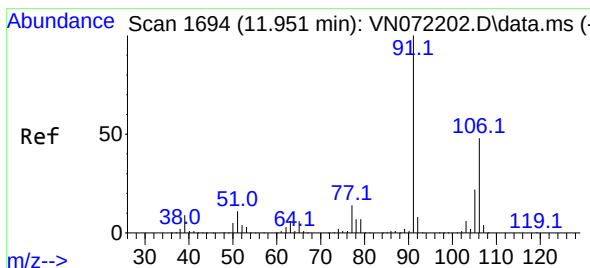
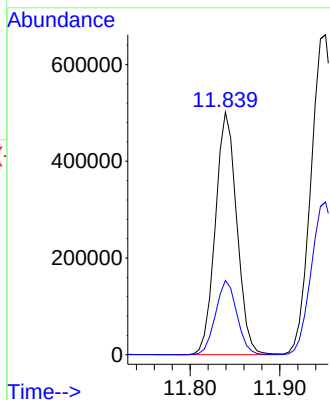
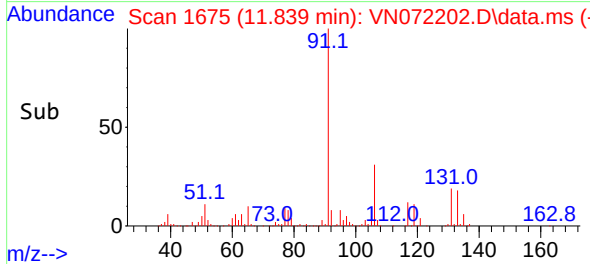
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



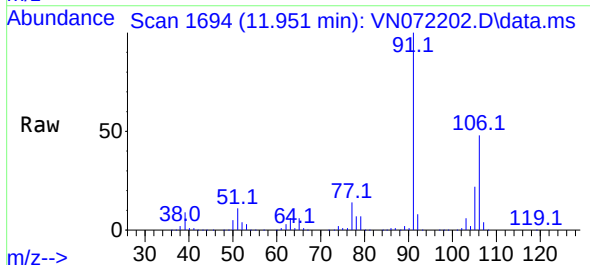
Tgt Ion: 91 Resp: 832214
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
APPROVED

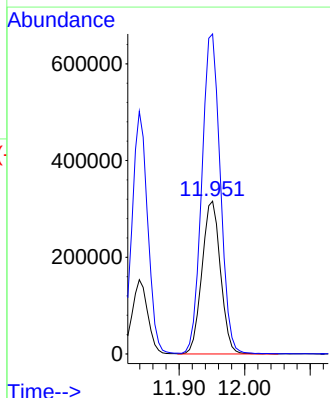
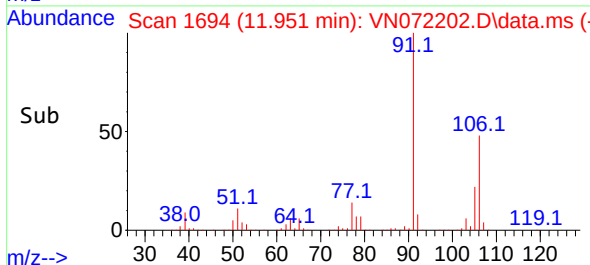
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

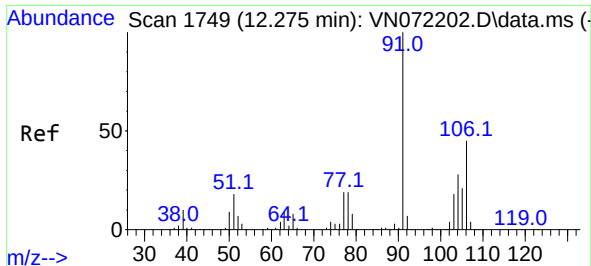


#68
m/p-Xylenes
Concen: 103.024 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion:106 Resp: 619333
Ion Ratio Lower Upper
106 100
91 209.5 158.9 238.3





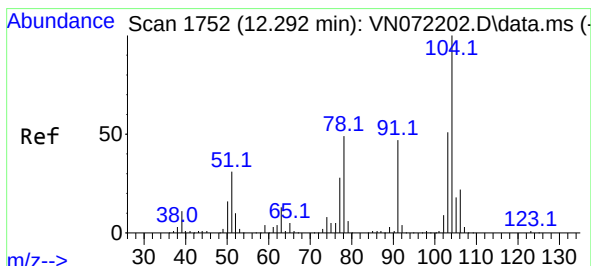
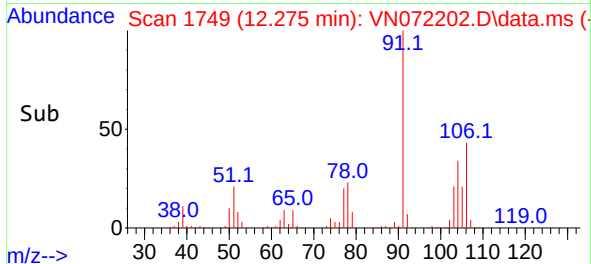
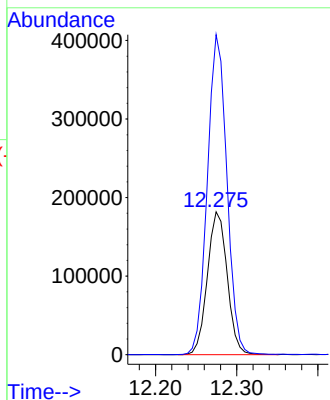
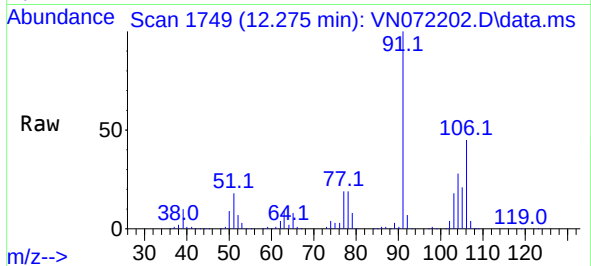
#69
o-Xylene
Concen: 51.673 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 30842
Ion Ratio Lower Upper
106 100
91 220.6 106.0 318.0

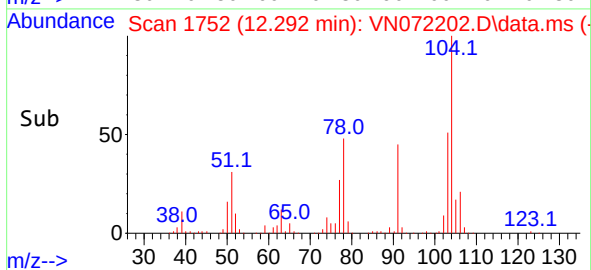
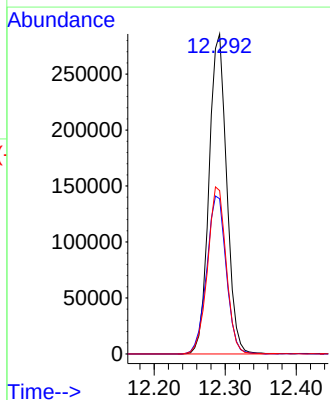
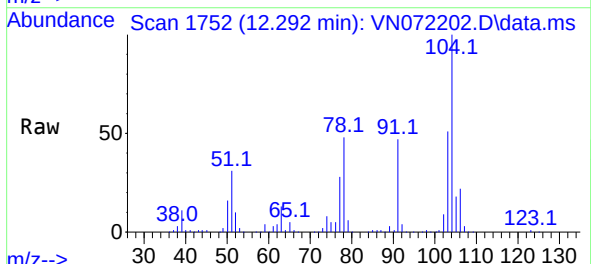
Manual Integrations
APPROVED

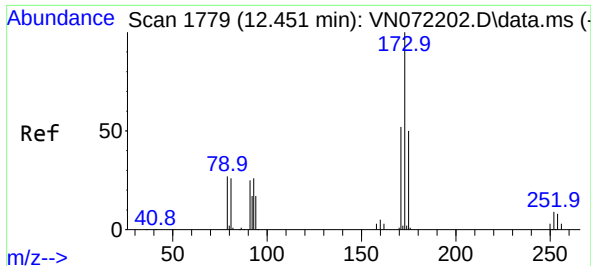
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#70
Styrene
Concen: 54.602 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

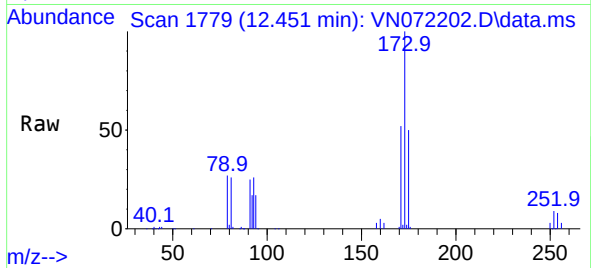
Tgt Ion:104 Resp: 493686
Ion Ratio Lower Upper
104 100
78 54.4 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 51.643 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

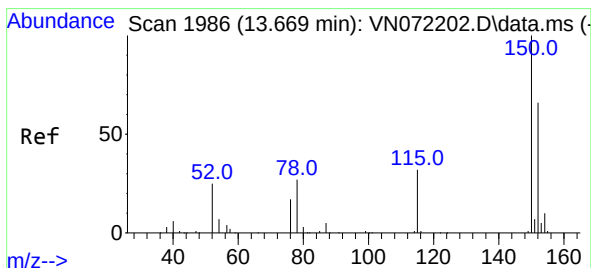
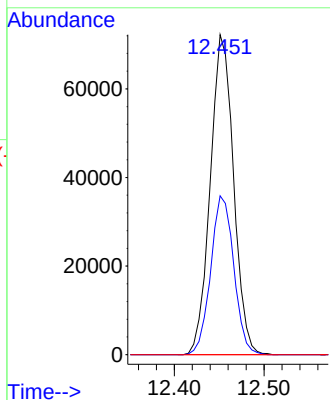
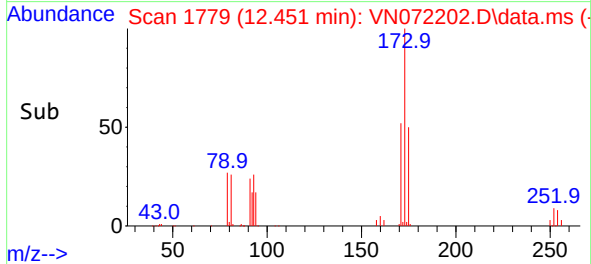
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



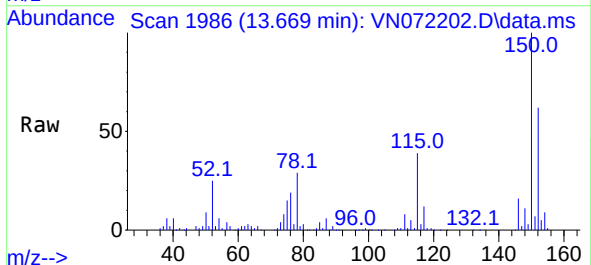
Tgt Ion:173 Resp: 130210
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

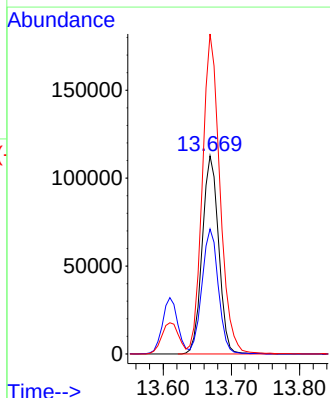
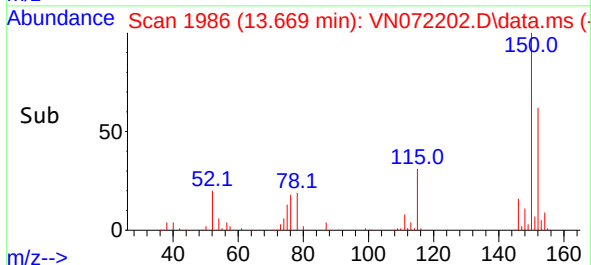
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

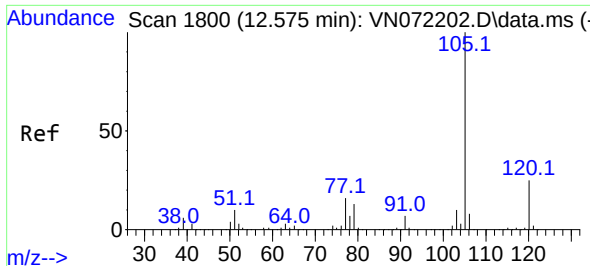


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion:152 Resp: 188486
Ion Ratio Lower Upper
152 100
115 62.9 28.9 86.7
150 173.6 0.0 356.2





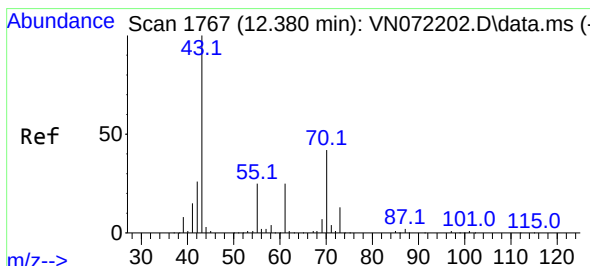
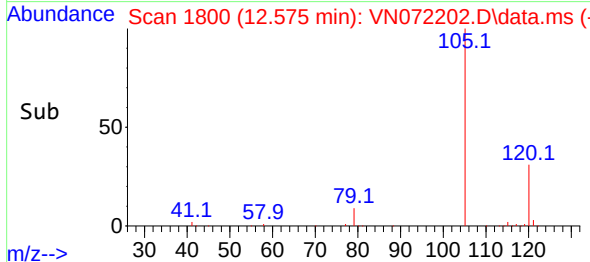
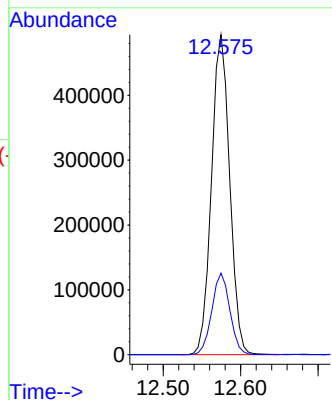
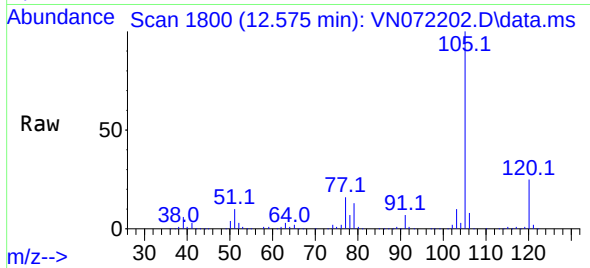
#73
Isopropylbenzene
Concen: 50.523 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 805205
Ion Ratio Lower Upper
105 100
120 25.2 13.5 40.4

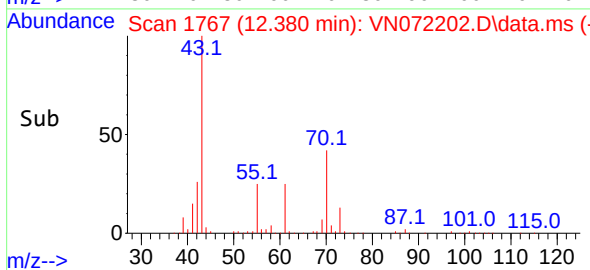
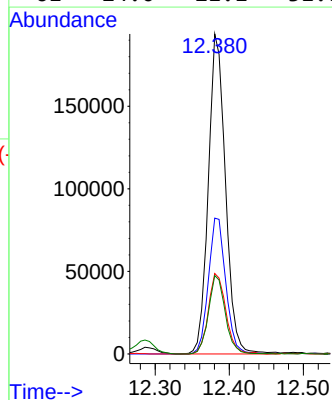
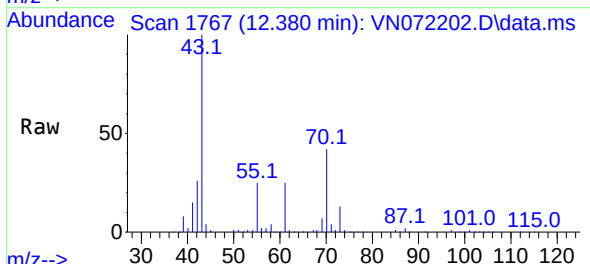
Manual Integrations
APPROVED

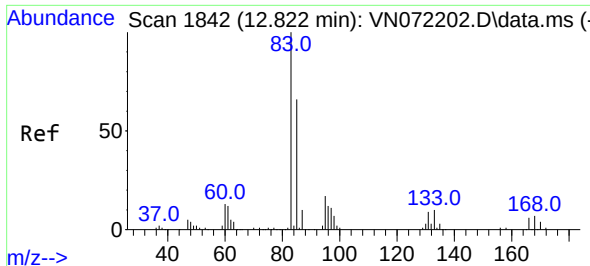
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#74
N-ethyl acetate
Concen: 65.796 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

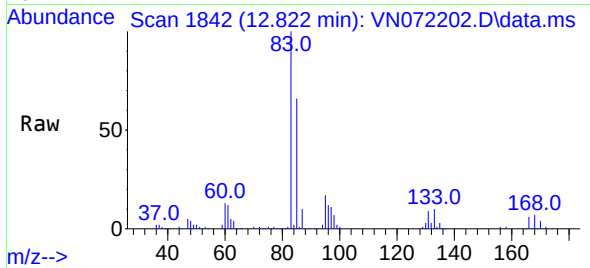
Tgt Ion: 43 Resp: 312205
Ion Ratio Lower Upper
43 100
70 43.1 39.0 58.4
55 25.8 21.1 31.7
61 24.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.979 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

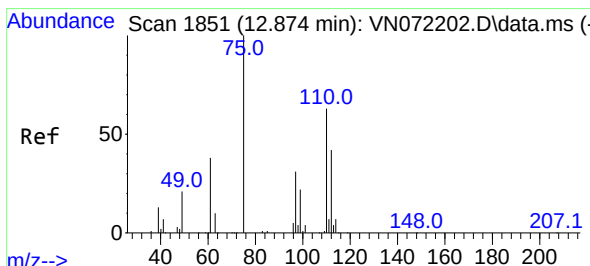
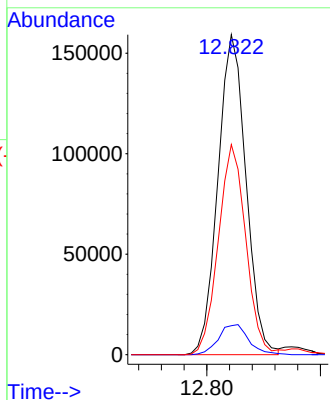
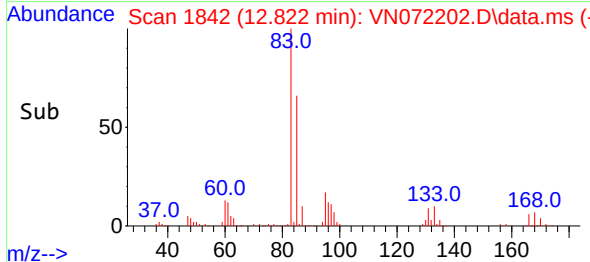
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



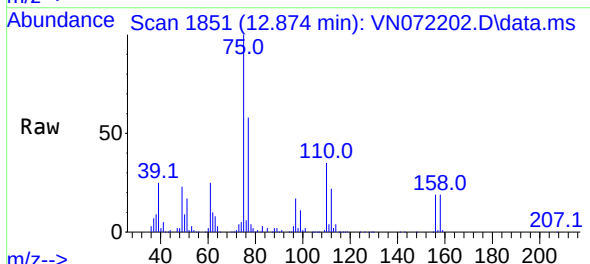
Tgt Ion: 83 Resp: 273418
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

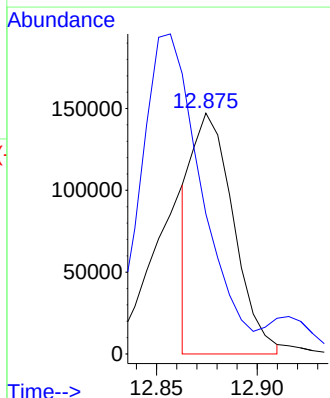
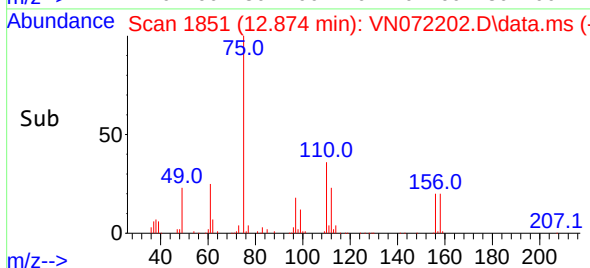
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

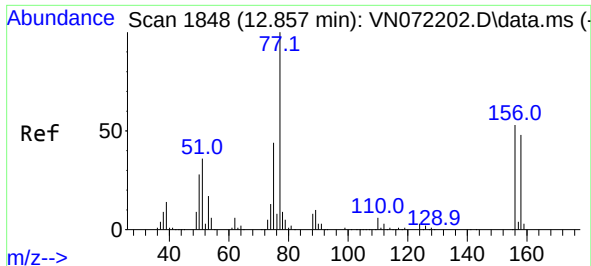


#76
1,2,3-Trichloropropane
Concen: 47.071 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion: 75 Resp: 211511
Ion Ratio Lower Upper
75 100
77 194.2 98.5 295.5





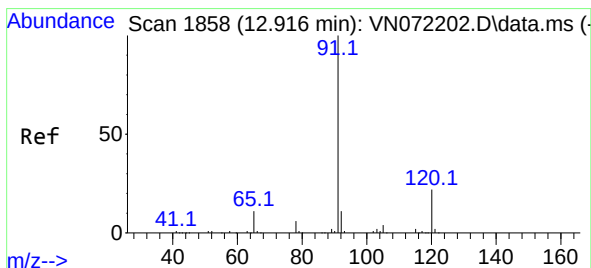
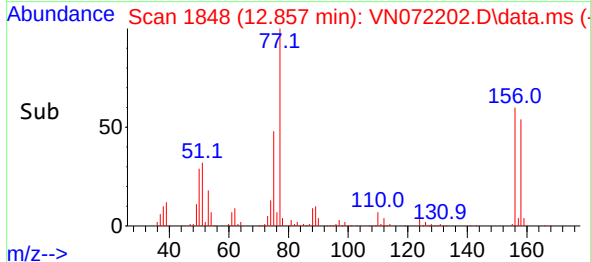
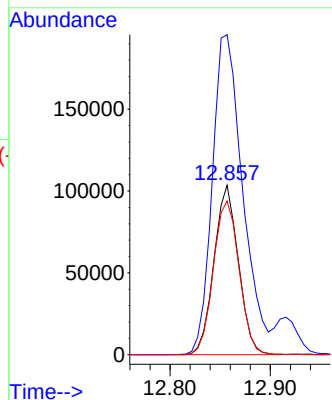
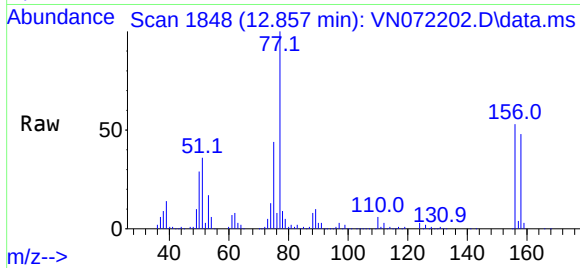
#77
Bromobenzene
Concen: 44.629 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 17524
Ion Ratio Lower Upper
156 100
77 234.4 100.5 301.5
158 95.5 48.9 146.6

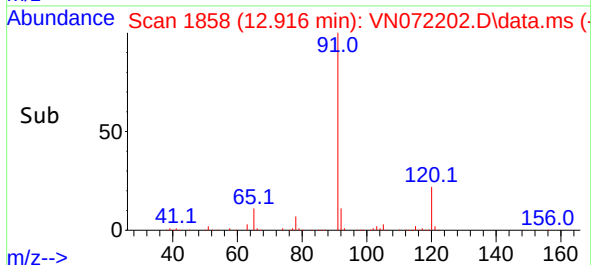
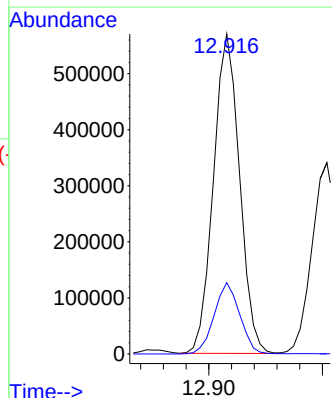
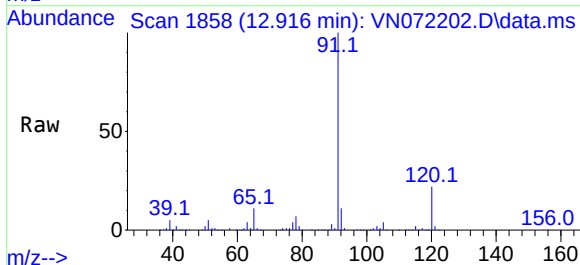
Manual Integrations
APPROVED

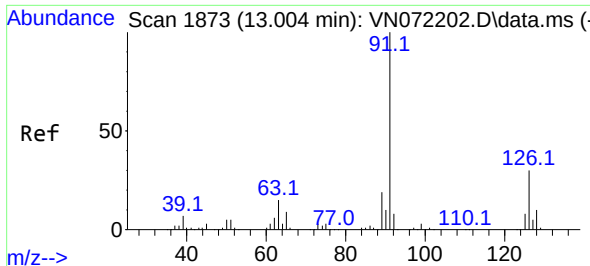
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#78
n-propylbenzene
Concen: 53.940 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Tgt Ion: 91 Resp: 908871
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





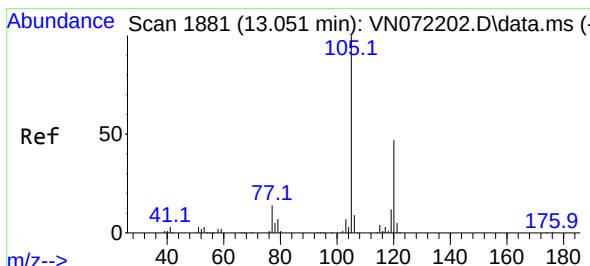
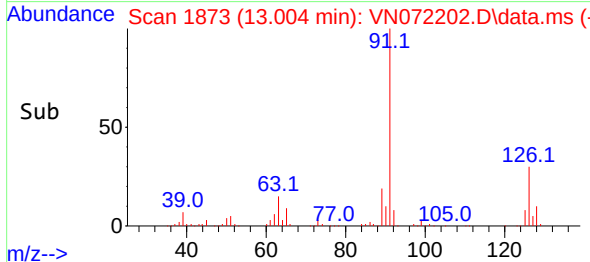
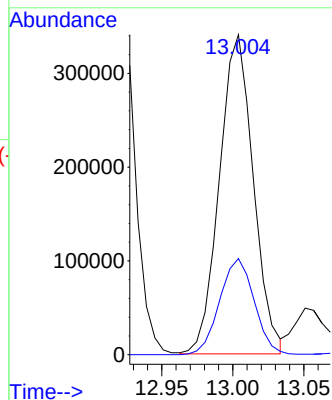
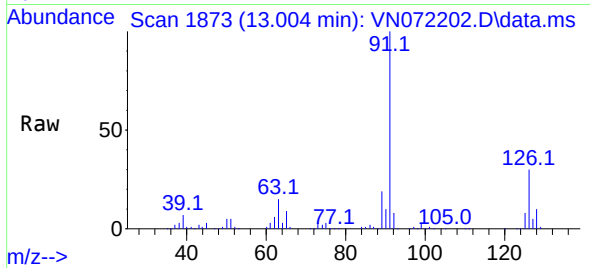
#79
2-Chlorotoluene
Concen: 52.119 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 564999
Ion Ratio Lower Upper
91 100
126 30.7 17.3 51.9

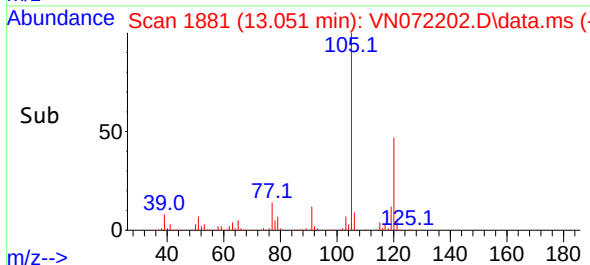
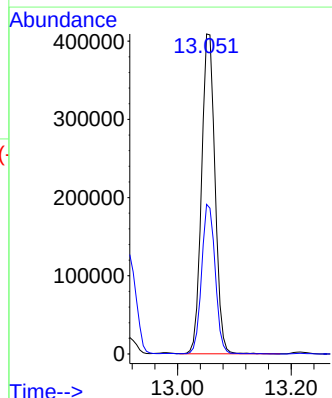
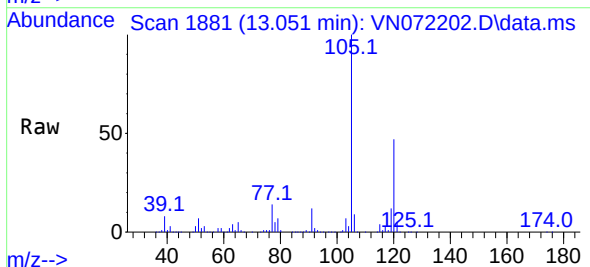
Manual Integrations
APPROVED

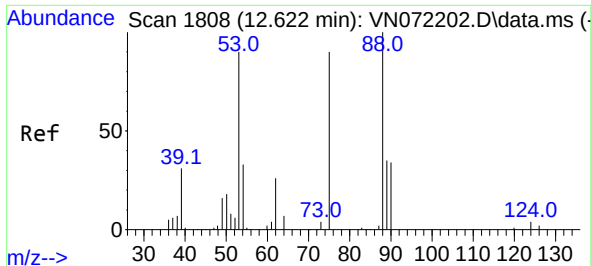
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.869 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

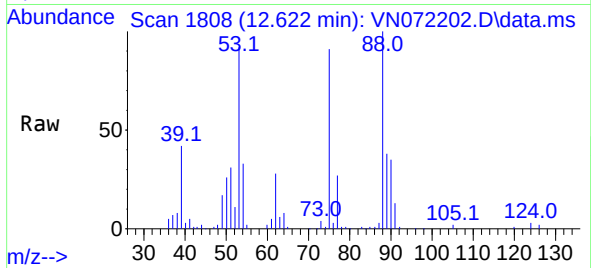
Tgt Ion:105 Resp: 672429
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 57.322 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

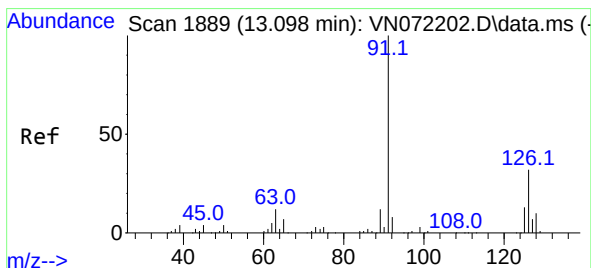
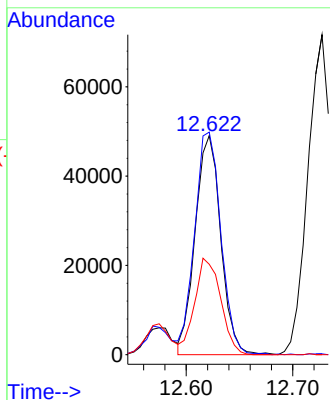
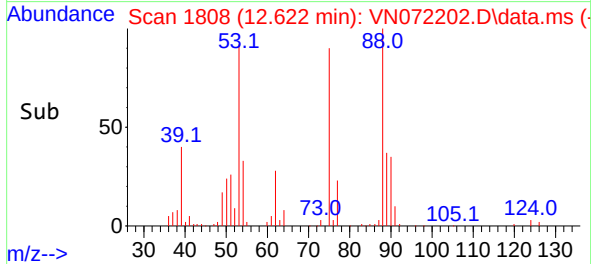
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



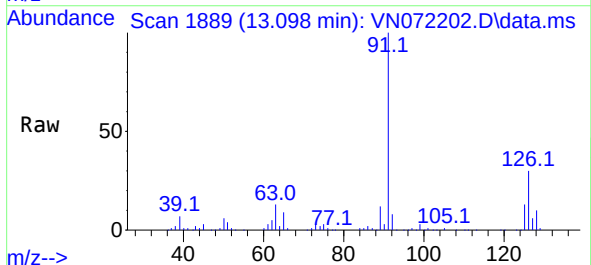
Tgt Ion: 75 Resp: 8199
Ion Ratio Lower Upper
75 100
53 104.5 78.0 117.0
89 44.9 37.2 55.8

Manual Integrations
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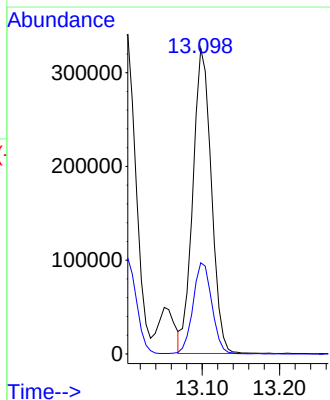
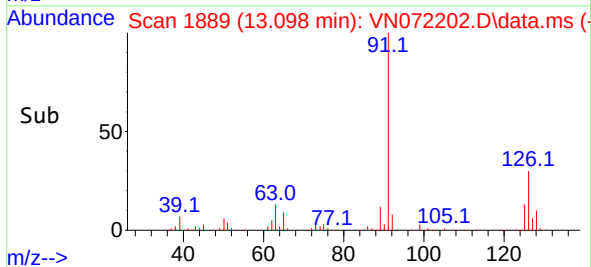
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

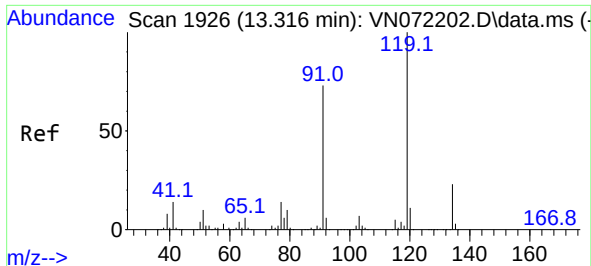


#82
4-Chlorotoluene
Concen: 53.574 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



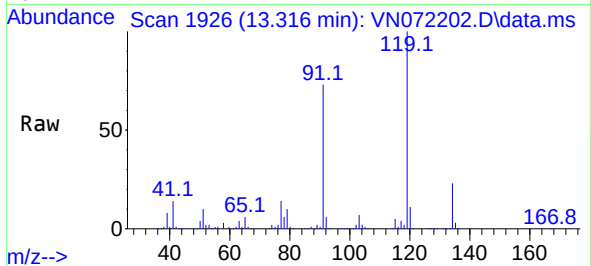
Tgt Ion: 91 Resp: 538498
Ion Ratio Lower Upper
91 100
126 30.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.288 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

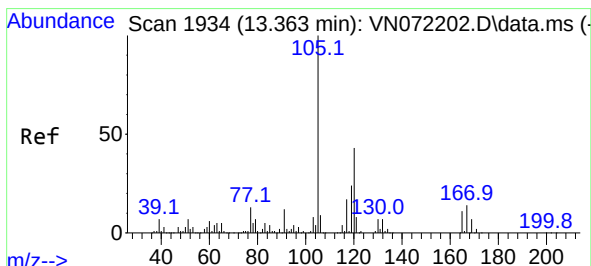
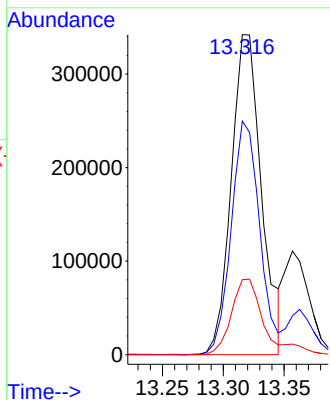
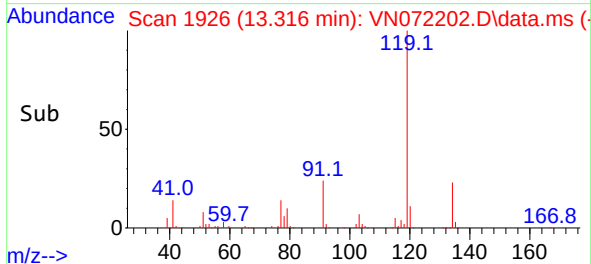
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



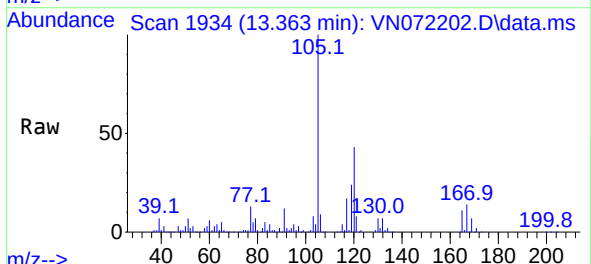
Tgt Ion:119 Resp: 591090
Ion Ratio Lower Upper
119 100
91 68.7 31.6 94.8
134 25.6 13.7 41.1

Manual Integrations
APPROVED

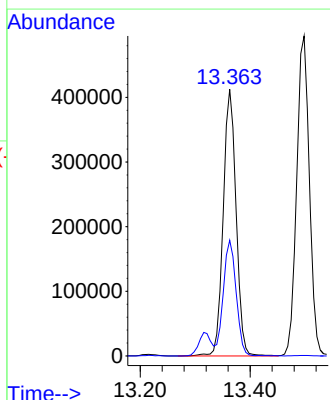
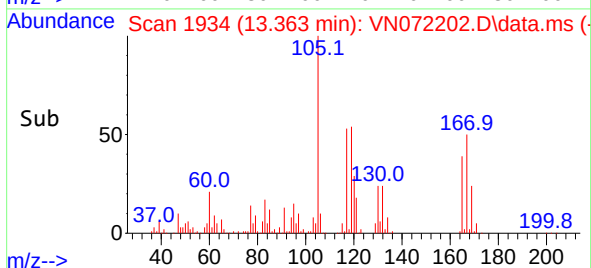
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

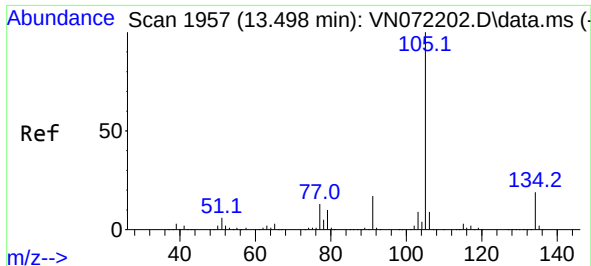


#84
1,2,4-Trimethylbenzene
Concen: 53.936 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



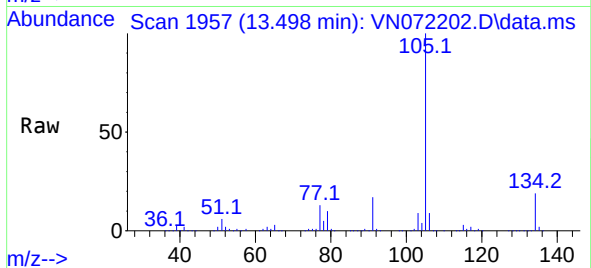
Tgt Ion:105 Resp: 670448
Ion Ratio Lower Upper
105 100
120 43.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.002 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25

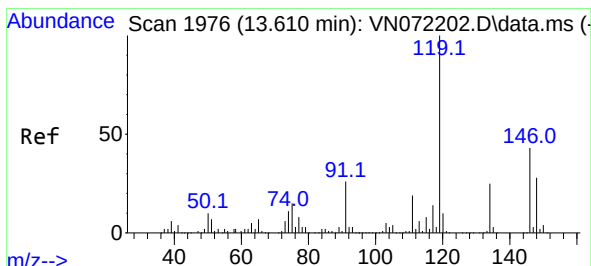
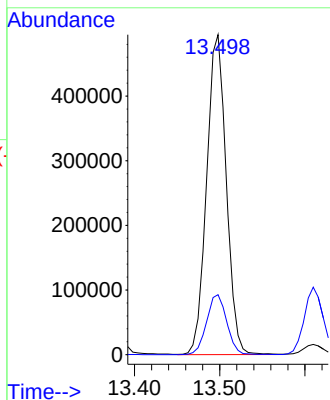
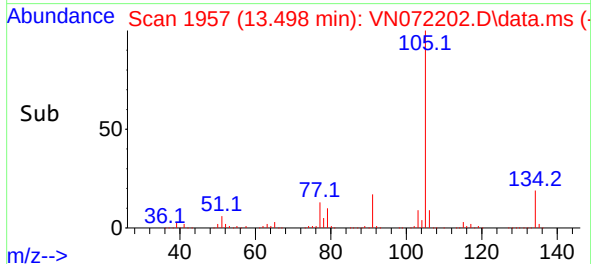
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



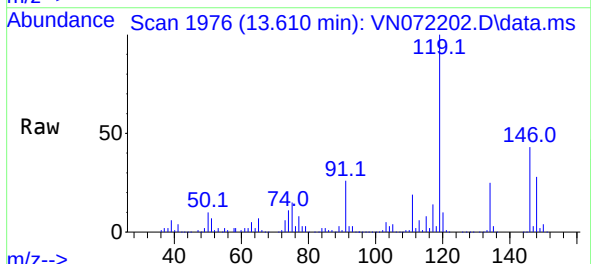
Tgt Ion:105 Resp: 793049
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

Manual Integrations
 APPROVED

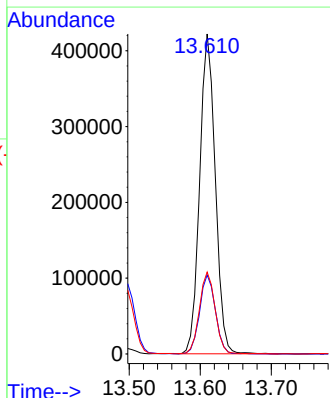
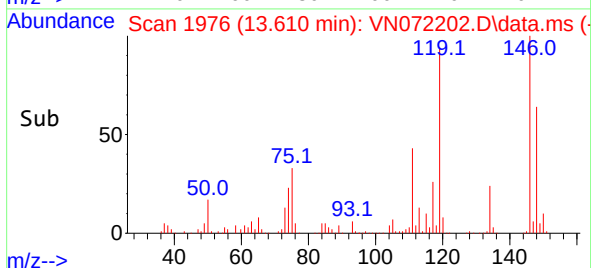
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

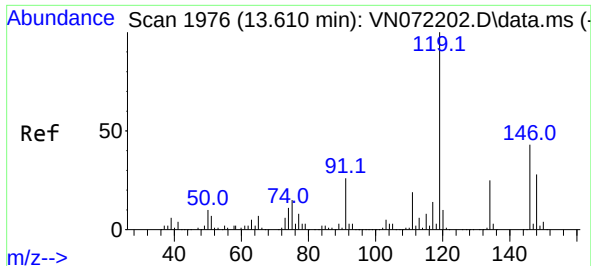


#86
 p-Isopropyltoluene
 Concen: 54.207 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072202.D
 Acq: 26 Apr 2022 16:25



Tgt Ion:119 Resp: 645456
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.3 39.8
 91 26.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.427 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 304114

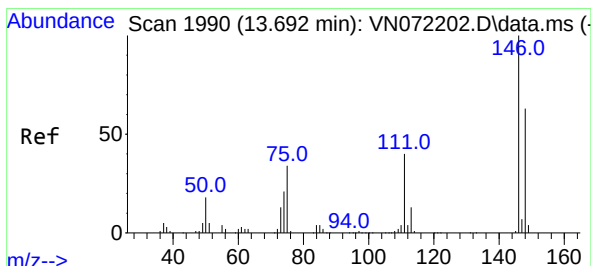
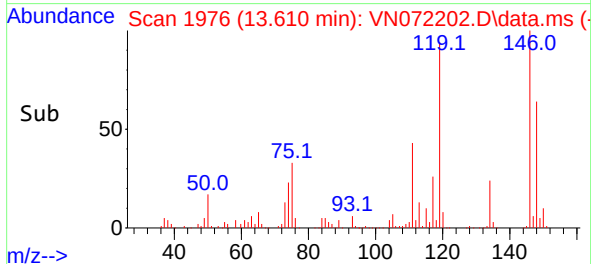
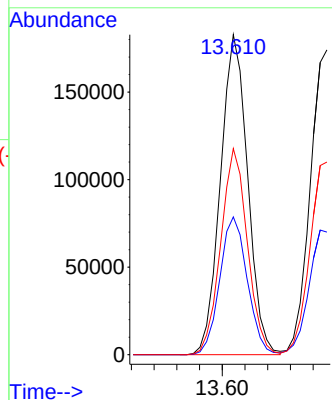
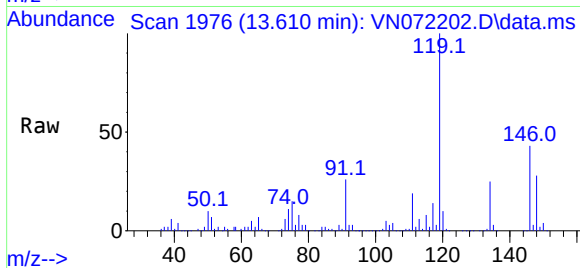
Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.0	60.0
148	63.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#88

1,4-Dichlorobenzene

Concen: 47.858 ug/l

RT: 13.692 min Scan# 1990

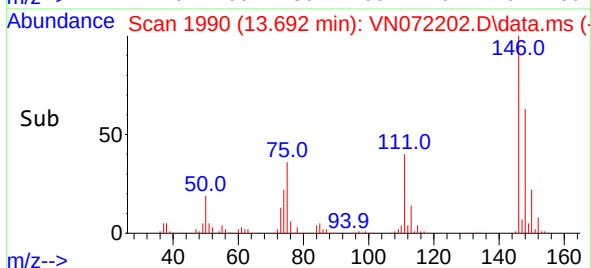
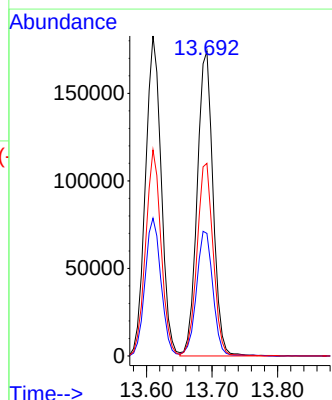
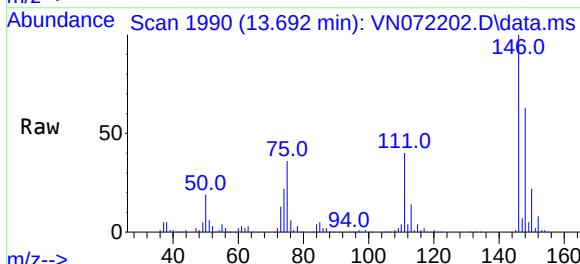
Delta R.T. 0.000 min

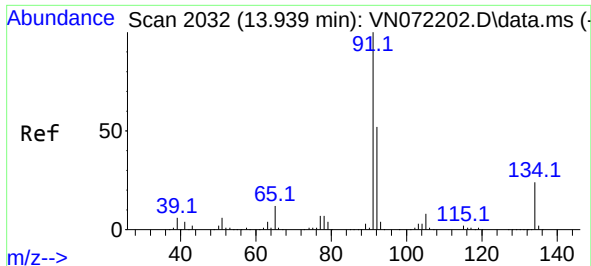
Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Tgt Ion:146 Resp: 293164

Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.1	57.1
148	64.5	31.4	94.3





#89

n-Butylbenzene

Concen: 57.065 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 508044

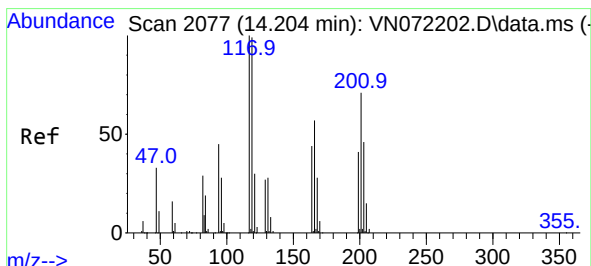
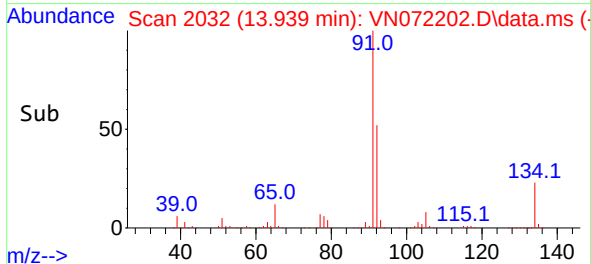
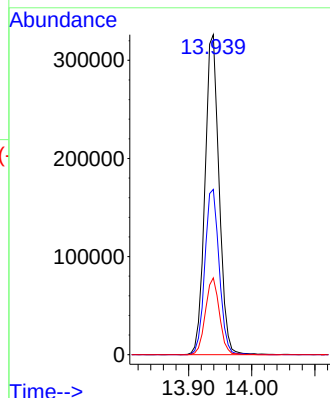
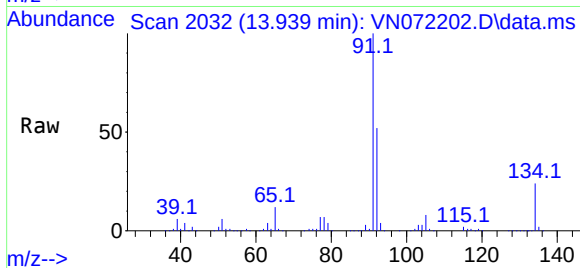
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.9	80.7
134	23.8	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#90

Hexachloroethane

Concen: 54.390 ug/l

RT: 14.204 min Scan# 2077

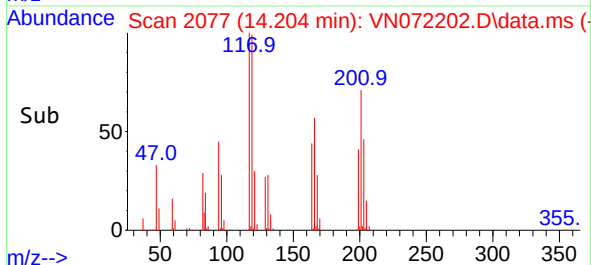
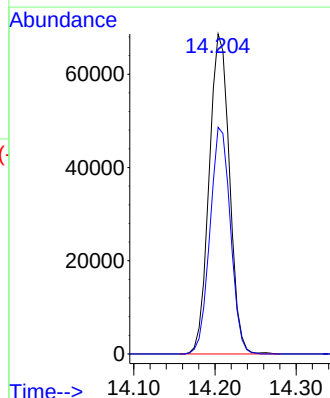
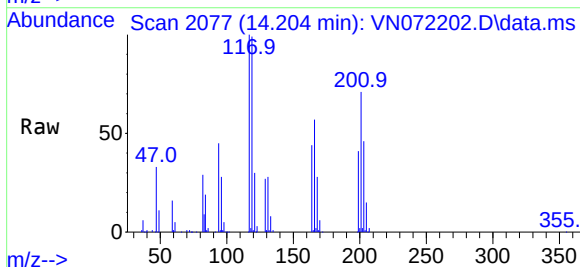
Delta R.T. 0.000 min

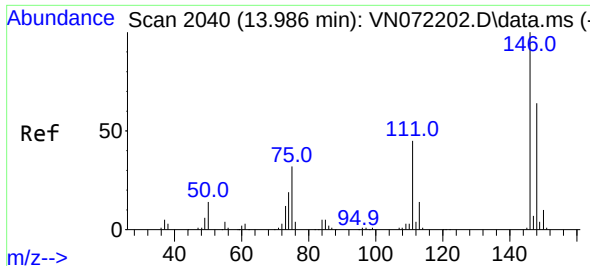
Lab File: VN072202.D

Acq: 26 Apr 2022 16:25

Tgt Ion:117 Resp: 119449

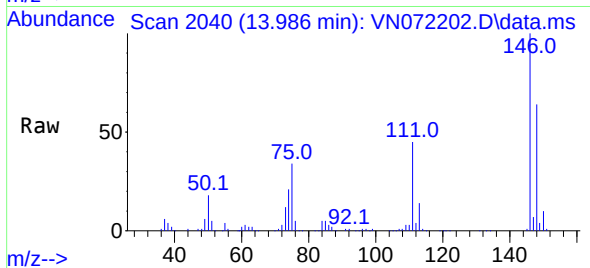
Ion	Ratio	Lower	Upper
117	100		
201	71.3	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 47.696 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

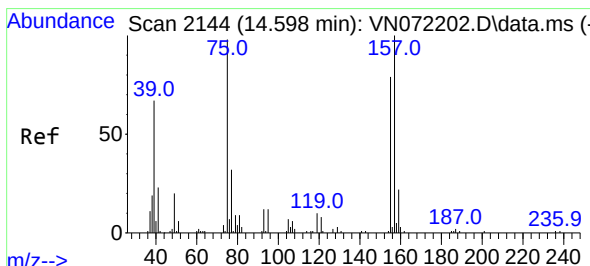
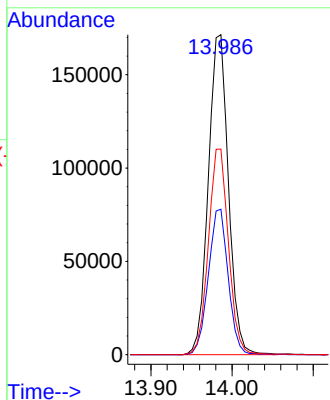
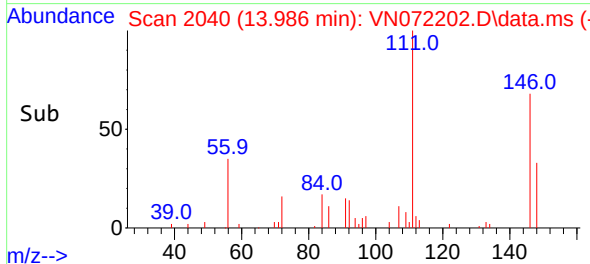
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



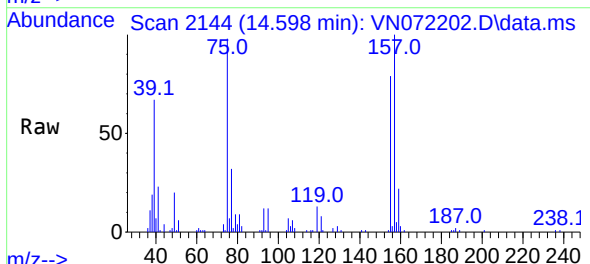
Tgt Ion:146 Resp: 294711
Ion Ratio Lower Upper
146 100
111 44.9 20.9 62.8
148 64.1 32.1 96.3

Manual Integrations
APPROVED

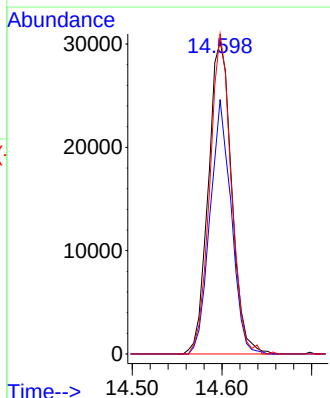
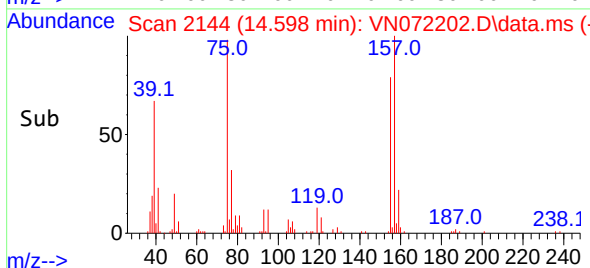
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

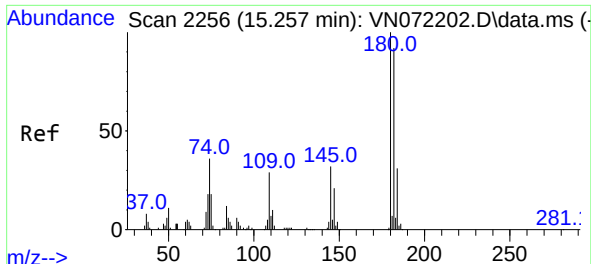


#92
1,2-Dibromo-3-Chloropropane
Concen: 63.578 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



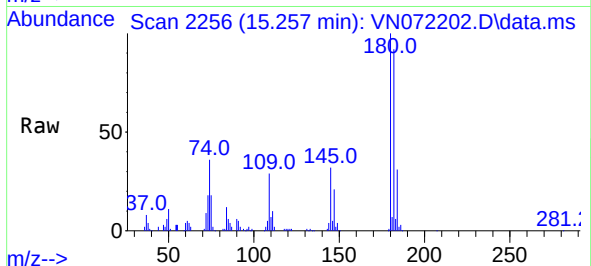
Tgt Ion: 75 Resp: 54457
Ion Ratio Lower Upper
75 100
155 73.9 44.9 134.5
157 94.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 56.541 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

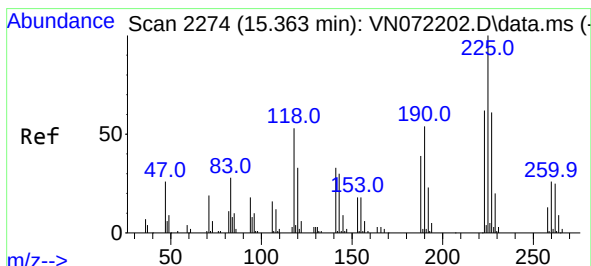
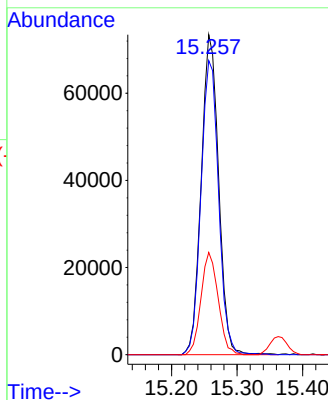
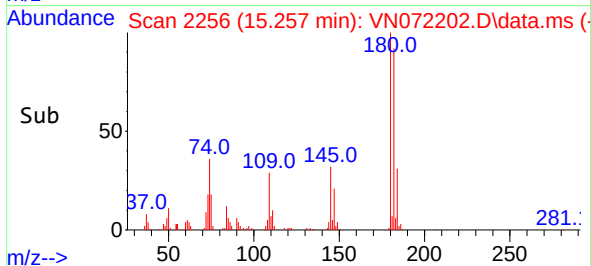
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



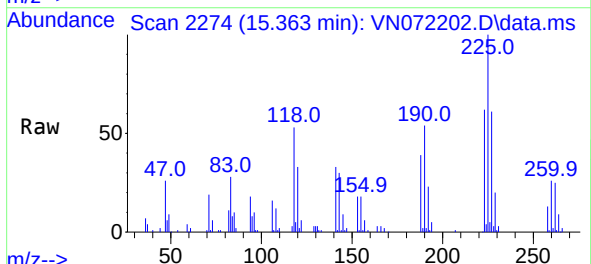
Tgt Ion:180 Resp: 13568
Ion Ratio Lower Upper
180 100
182 93.0 47.5 142.5
145 31.5 14.5 43.5

Manual Integrations
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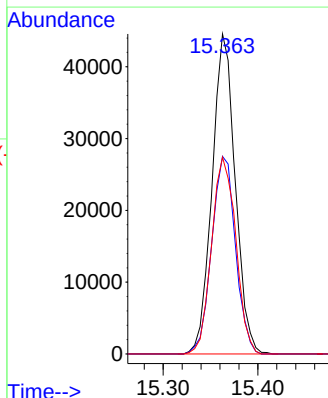
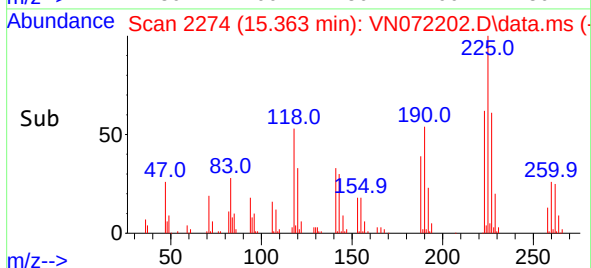
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

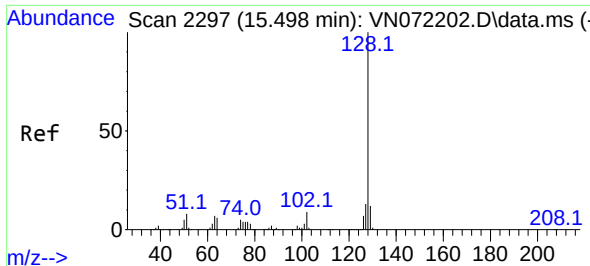


#94
Hexachlorobutadiene
Concen: 42.275 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25



Tgt Ion:225 Resp: 75584
Ion Ratio Lower Upper
225 100
223 63.5 32.4 97.2
227 64.3 31.8 95.4





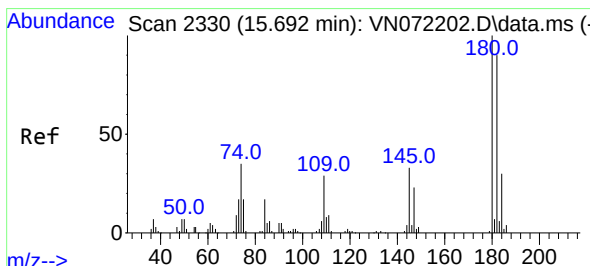
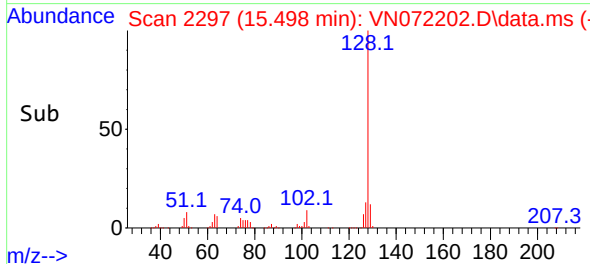
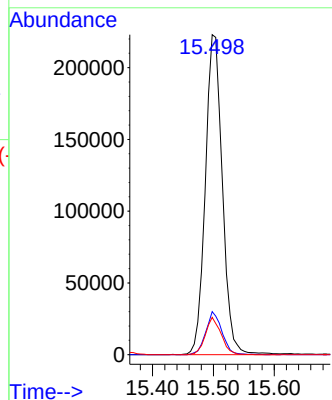
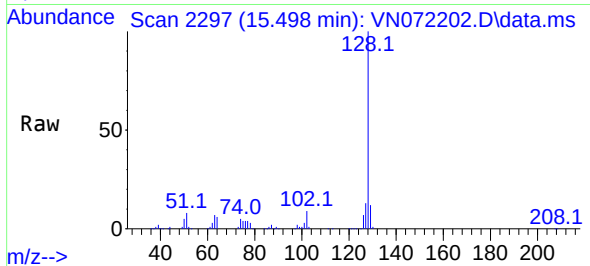
#95
Naphthalene
Concen: 71.795 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 434529
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.814 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN072202.D
Acq: 26 Apr 2022 16:25

Tgt Ion:180 Resp: 131434
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 35.2 15.5 46.5

