

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071674.D
 Acq On : 30 Mar 2022 21:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 31 01:38:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	520334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	823805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	756029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	312411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	316590	53.296	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.600%			
35) Dibromofluoromethane	8.016	113	262539	54.158	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.320%			
50) Toluene-d8	10.439	98	1057327	53.318	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.727	95	351660	54.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	224441	54.256	ug/l	96
3) Chloromethane	2.299	50	267500	51.031	ug/l	97
4) Vinyl Chloride	2.440	62	309795	53.816	ug/l	99
5) Bromomethane	2.834	94	192651	51.482	ug/l	99
6) Chloroethane	3.004	64	221947	53.595	ug/l	97
7) Trichlorofluoromethane	3.369	101	390162	53.273	ug/l	99
8) Diethyl Ether	3.828	74	168898	54.568	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	237608	52.647	ug/l	99
10) Methyl Iodide	4.422	142	340490	53.969	ug/l	99
11) Tert butyl alcohol	5.357	59	298209	309.346	ug/l	100
12) 1,1-Dichloroethene	4.181	96	230958	53.775	ug/l	95
13) Acrolein	4.034	56	364500	310.105	ug/l	98
14) Allyl chloride	4.840	41	382282	54.840	ug/l	96
15) Acrylonitrile	5.545	53	845383	301.704	ug/l	99
16) Acetone	4.281	43	653116	257.270	ug/l	97
17) Carbon Disulfide	4.528	76	497624	50.498	ug/l	98
18) Methyl Acetate	4.851	43	365871	58.456	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	890266	55.796	ug/l	99
20) Methylene Chloride	5.092	84	286128	53.474	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	248343	52.673	ug/l	96
22) Diisopropyl ether	6.492	45	844710	55.662	ug/l	97
23) Vinyl Acetate	6.428	43	3635333	301.238	ug/l	100
24) 1,1-Dichloroethane	6.387	63	495290	55.595	ug/l	98
25) 2-Butanone	7.328	43	1089456	297.685	ug/l	99
26) 2,2-Dichloropropane	7.322	77	389243	50.860	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	316972	54.824	ug/l	97
28) Bromochloromethane	7.651	49	194605	54.150	ug/l	98
29) Tetrahydrofuran	7.675	42	720199	303.915	ug/l	99
30) Chloroform	7.816	83	510463	54.264	ug/l	100
31) Cyclohexane	8.092	56	404472	50.069	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	433597	53.879	ug/l	99
36) 1,1-Dichloropropene	8.216	75	358080	52.896	ug/l	99
37) Ethyl Acetate	7.404	43	426710	57.590	ug/l	99
38) Carbon Tetrachloride	8.204	117	360162	54.286	ug/l	99
39) Methylcyclohexane	9.457	83	433880	53.843	ug/l	98
40) Benzene	8.457	78	1150696	53.810	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	229587	63.282	ug/l	89
42) 1,2-Dichloroethane	8.528	62	398725	53.900	ug/l	99
43) Isopropyl Acetate	8.557	43	652711	52.962	ug/l	99
44) Trichloroethene	9.210	130	298258	54.137	ug/l	99
45) 1,2-Dichloropropane	9.486	63	290102	54.303	ug/l	97
46) Dibromomethane	9.575	93	196725	54.236	ug/l	99
47) Bromodichloromethane	9.757	83	397922	55.731	ug/l	100
48) Methyl methacrylate	9.557	41	311516	60.925	ug/l	98
49) 1,4-Dioxane	9.563	88	146149	1207.703	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	2160428	304.898	ug/l	99
52) Toluene	10.498	92	743234	54.982	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	423709	56.621	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	468015	56.604	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	303031	54.469	ug/l	99
56) Ethyl methacrylate	10.757	69	481122	60.621	ug/l	98
57) 1,3-Dichloropropane	11.039	76	510113	54.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	641613	261.739	ug/l	100
59) 2-Hexanone	11.080	43	1571290	314.968	ug/l	98
60) Dibromochloromethane	11.233	129	312951	57.691	ug/l	99
61) 1,2-Dibromoethane	11.339	107	308238	56.285	ug/l	100
64) Tetrachloroethene	10.974	164	255382	51.155	ug/l	97
65) Chlorobenzene	11.763	112	802077	52.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	297707	54.499	ug/l	99
67) Ethyl Benzene	11.839	91	1416617	55.278	ug/l	100
68) m/p-Xylenes	11.945	106	1088782	110.574	ug/l	100
69) o-Xylene	12.274	106	549573	56.231	ug/l	98
70) Styrene	12.292	104	888503	60.001	ug/l	100
71) Bromoform	12.451	173	240009	57.696	ug/l #	99
73) Isopropylbenzene	12.574	105	1398007	53.104	ug/l	100
74) N-amyl acetate	12.380	43	452365	59.972	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	471288	53.654	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	353703m	48.873	ug/l	
77) Bromobenzene	12.857	156	338167	51.241	ug/l	99
78) n-propylbenzene	12.916	91	1523718	55.023	ug/l	100
79) 2-Chlorotoluene	13.004	91	944739	53.196	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1137857	54.551	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	135103	57.851	ug/l	99
82) 4-Chlorotoluene	13.098	91	897127	54.498	ug/l	100
83) tert-Butylbenzene	13.321	119	1027737	53.902	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1109334	54.509	ug/l	100
85) sec-Butylbenzene	13.498	105	1376037	55.672	ug/l	100
86) p-Isopropyltoluene	13.610	119	1120632	56.863	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	567908	54.015	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	543235	52.960	ug/l	99
89) n-Butylbenzene	13.939	91	824027	56.375	ug/l	99
90) Hexachloroethane	14.204	117	202801	56.215	ug/l	99
91) 1,2-Dichlorobenzene	13.980	146	549394	53.227	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	80781	59.290	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	255674	51.363	ug/l	99
94) Hexachlorobutadiene	15.368	225	152131	49.973	ug/l	99
95) Naphthalene	15.504	128	729854	51.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	249799	51.774	ug/l	99

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Sample : VSTDCCC050
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

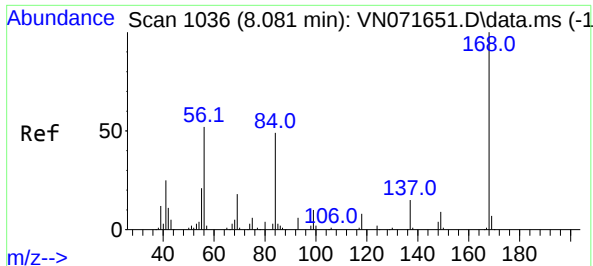
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 01:38:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 19:18:20 2022
Response via : Initial Calibration

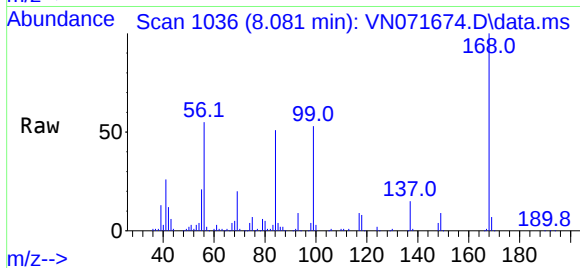
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071674.D
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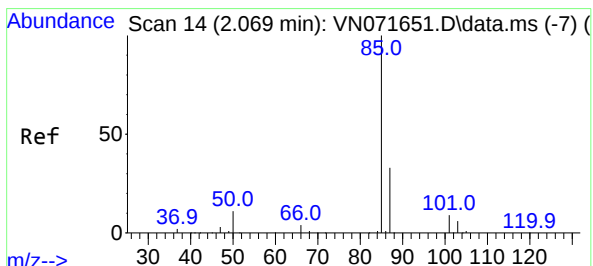
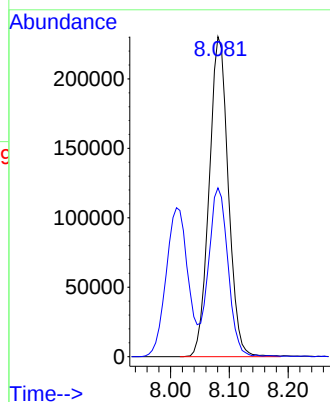
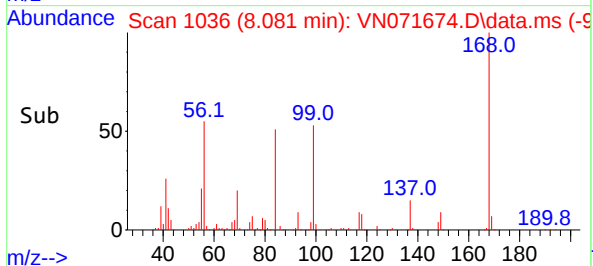
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 520334
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5

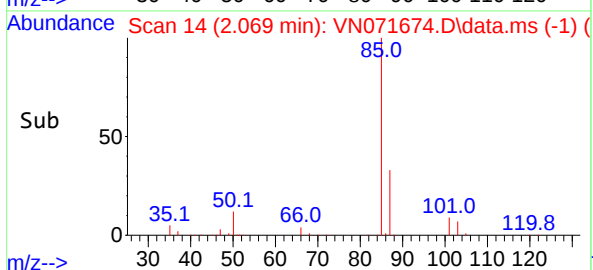
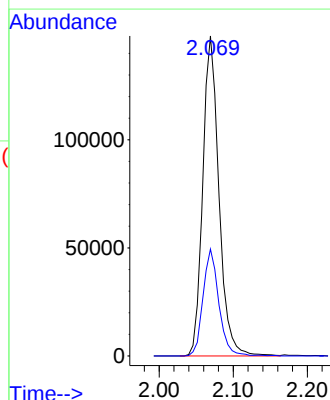
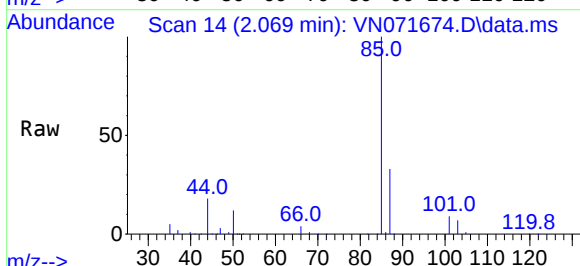
Manual Integrations
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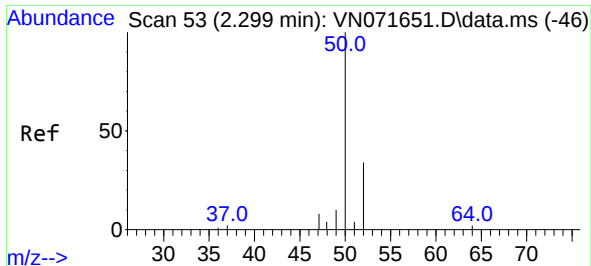
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



Dichlorodifluoromethane
Concen: 54.256 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Tgt Ion: 85 Resp: 224441
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.1





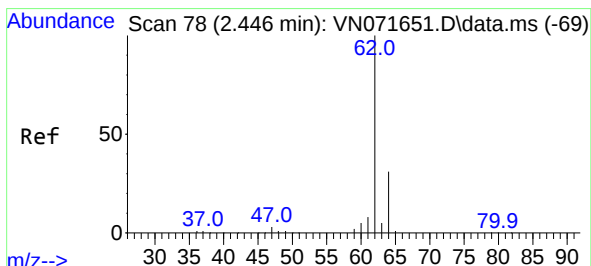
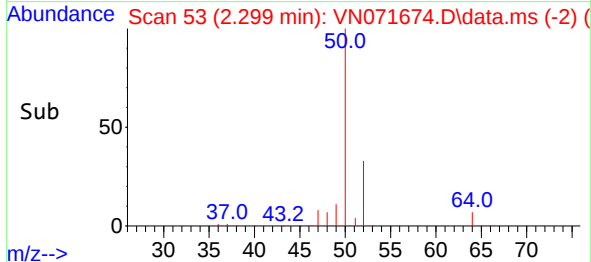
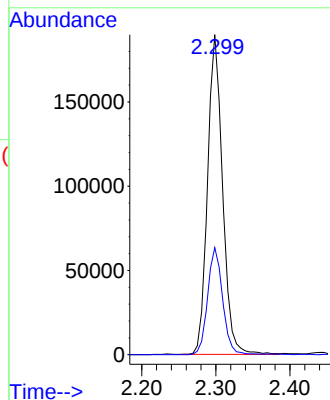
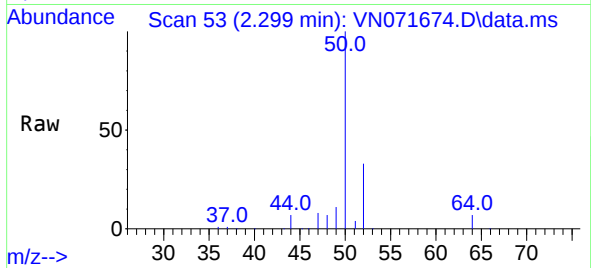
#3
Chloromethane
Concen: 51.031 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
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Tgt Ion: 50 Resp: 267500
Ion Ratio Lower Upper
50 100
52 33.5 25.7 38.5

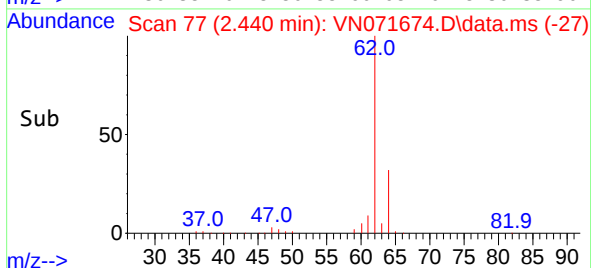
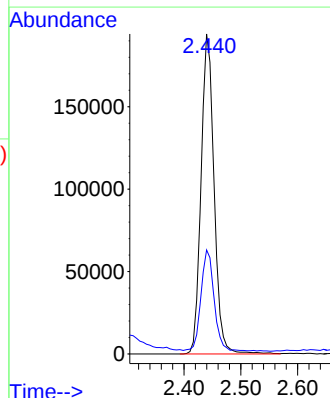
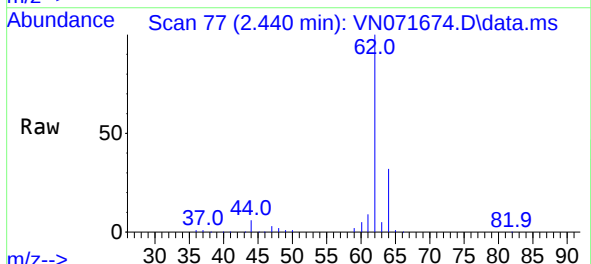
Manual Integrations
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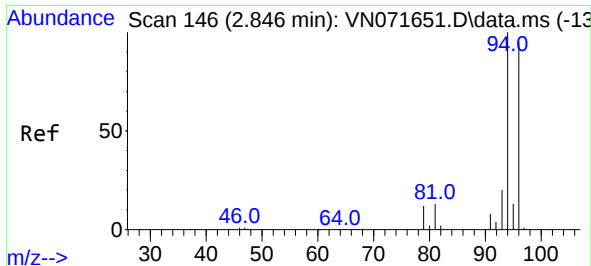
Reviewed By :John Carlone 03/31/2022
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#4
Vinyl Chloride
Concen: 53.816 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

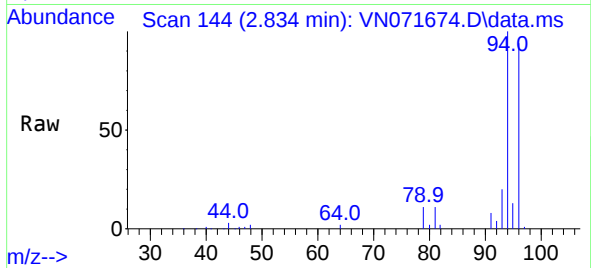
Tgt Ion: 62 Resp: 309795
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





#5
Bromomethane
Concen: 51.482 ug/l
RT: 2.834 min Scan# 146
Delta R.T. -0.012 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

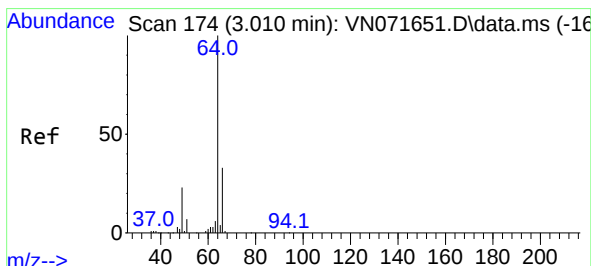
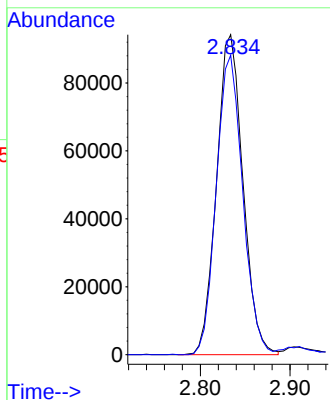
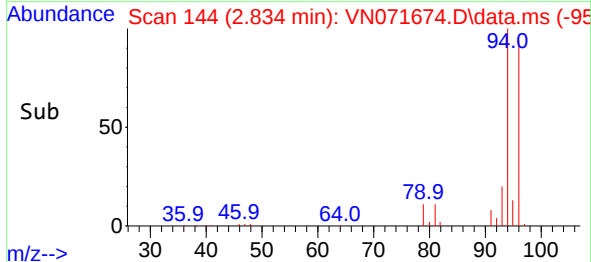
Instrument :
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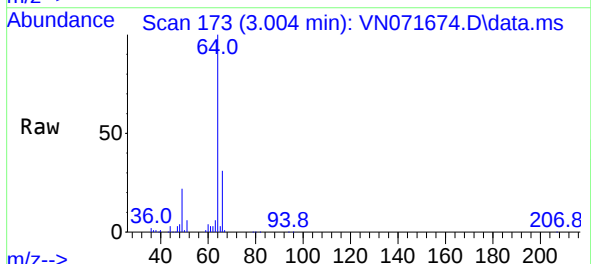
Tgt Ion: 94 Resp: 19265
Ion Ratio Lower Upper
94 100
96 93.6 76.0 114.0

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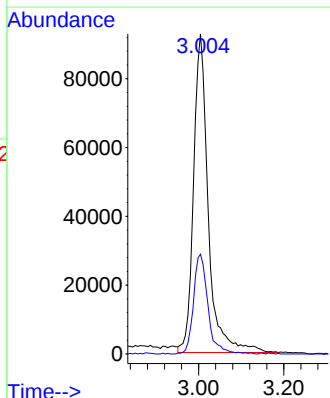
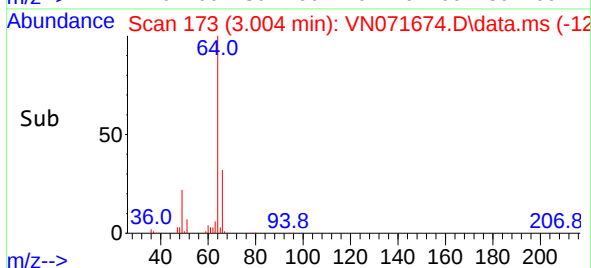
Reviewed By :John Carlone 03/31/2022
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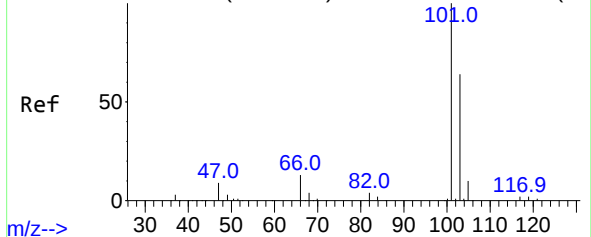
#6
Chloroethane
Concen: 53.595 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion: 64 Resp: 221947
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 53.273 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071674.D

Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 39016

Ion Ratio Lower Upper

101 100

103 63.7 51.5 77.3

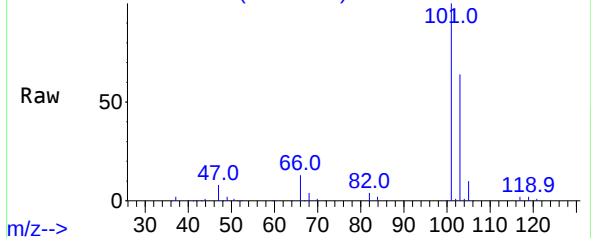
Manual Integrations

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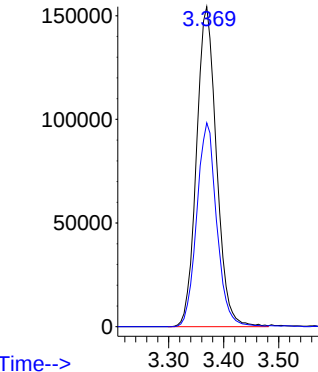
Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022

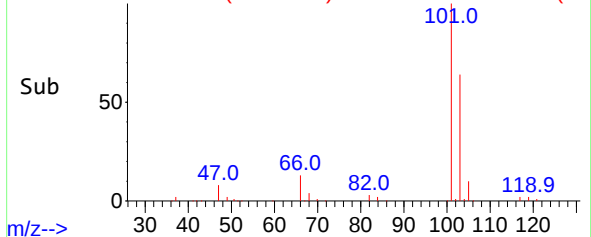
Abundance Scan 235 (3.369 min): VN071674.D\data.ms



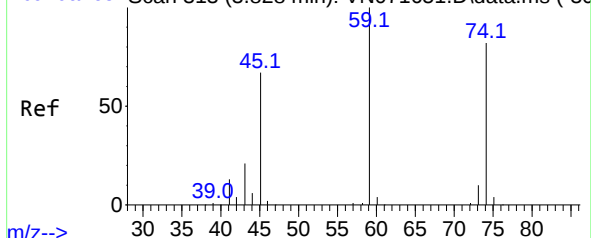
Abundance



Abundance Scan 235 (3.369 min): VN071674.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 54.568 ug/l

RT: 3.828 min Scan# 313

Delta R.T. -0.000 min

Lab File: VN071674.D

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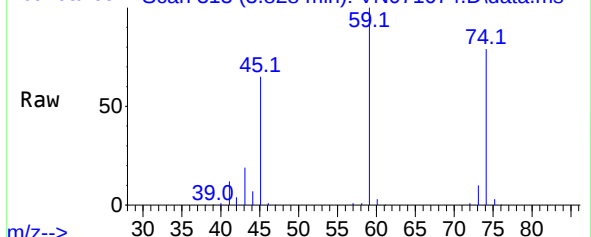
Tgt Ion: 74 Resp: 168898

Ion Ratio Lower Upper

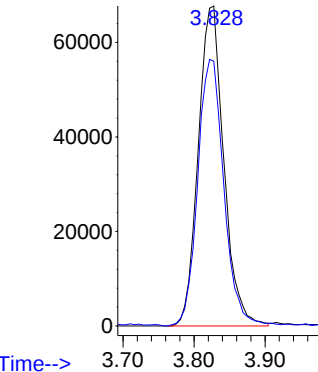
74 100

45 85.5 42.9 128.5

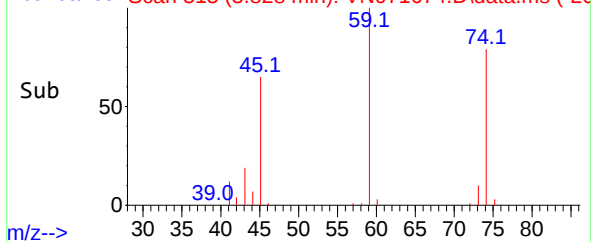
Abundance Scan 313 (3.828 min): VN071674.D\data.ms



Abundance



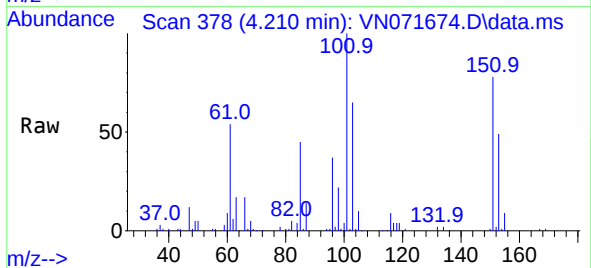
Abundance Scan 313 (3.828 min): VN071674.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.647 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

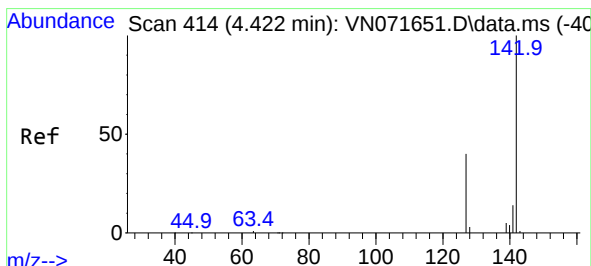
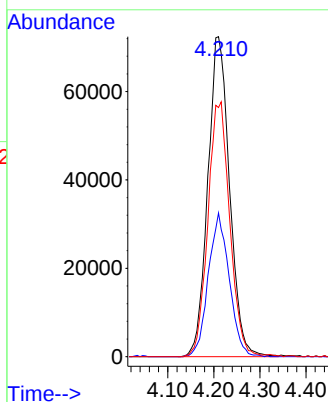
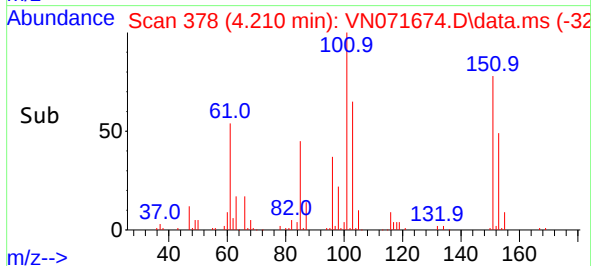
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



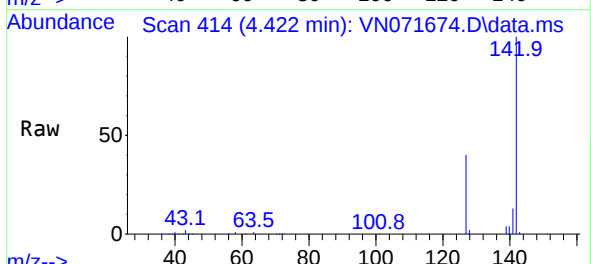
Tgt Ion:101 Resp: 237608
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 79.9 63.0 94.4

Manual Integrations
APPROVED

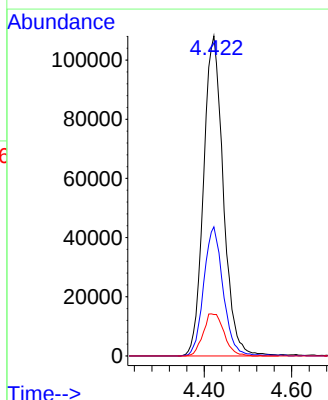
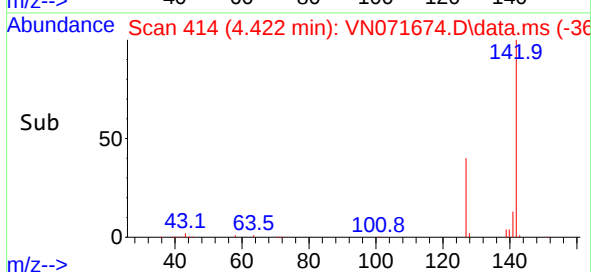
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 53.969 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



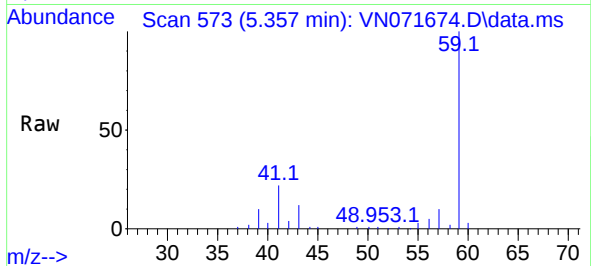
Tgt Ion:142 Resp: 340490
Ion Ratio Lower Upper
142 100
127 39.6 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 309.346 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

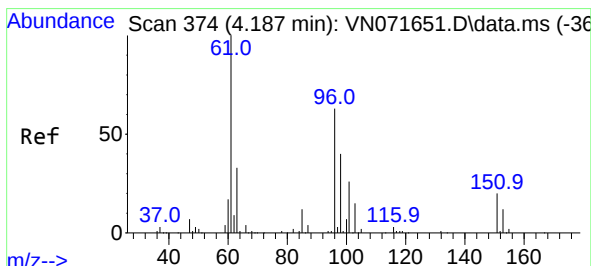
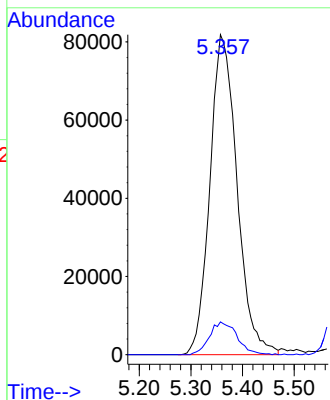
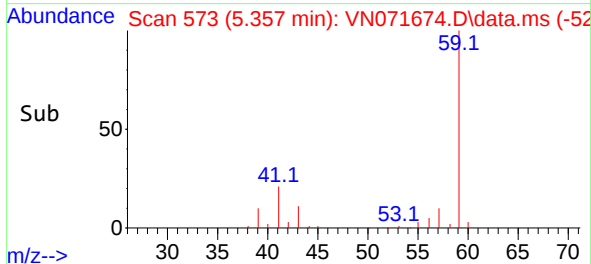
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



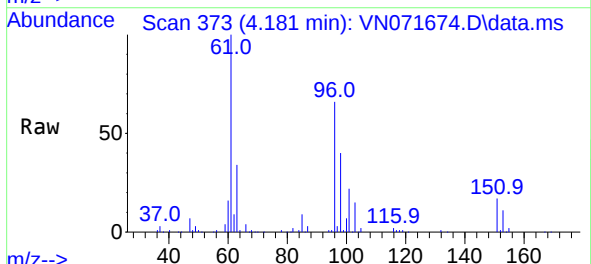
Tgt Ion: 59 Resp: 298209
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

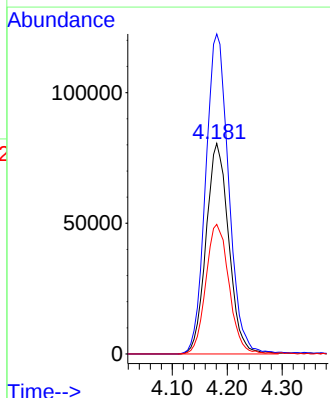
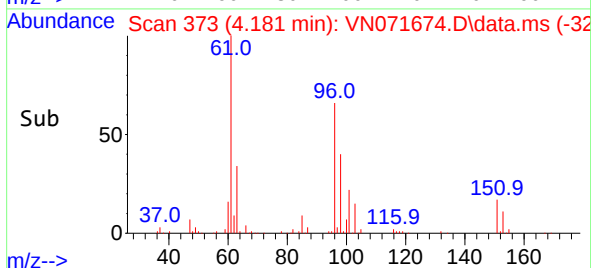
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#12
1,1-Dichloroethene
Concen: 53.775 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



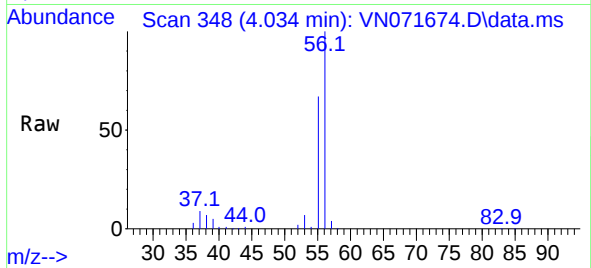
Tgt Ion: 96 Resp: 230958
Ion Ratio Lower Upper
96 100
61 152.0 127.6 191.4
98 61.5 51.2 76.8





#13
Acrolein
Concen: 310.105 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

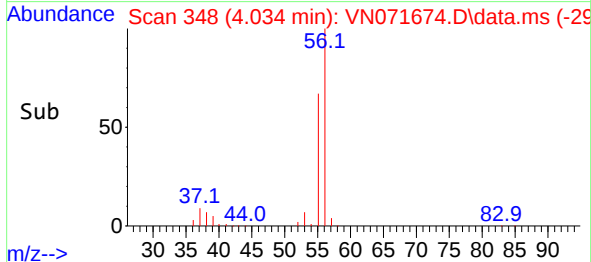
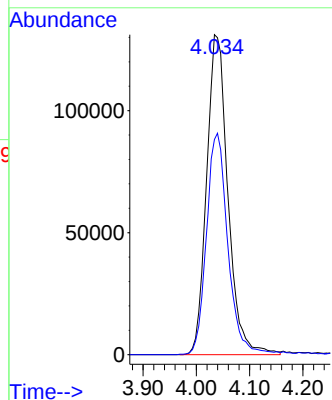
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 364500
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

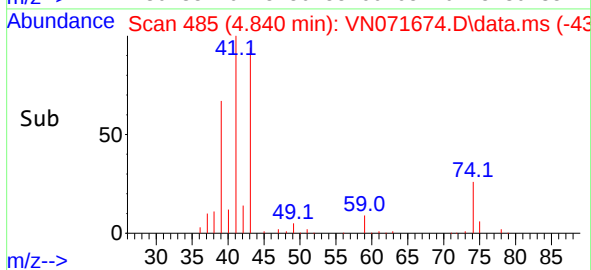
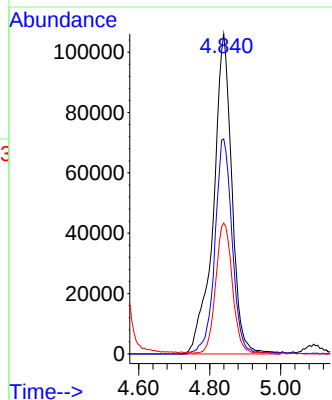
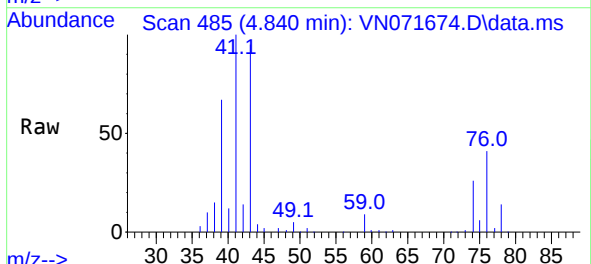
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Allyl chloride
Concen: 54.840 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

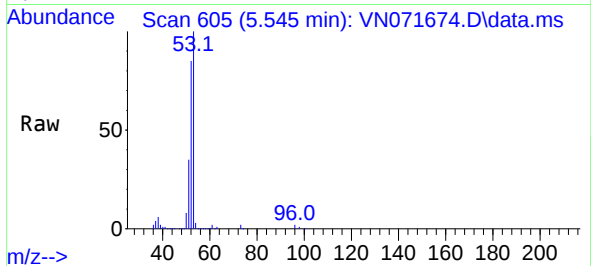
Tgt Ion: 41 Resp: 382282
Ion Ratio Lower Upper
41 100
39 62.7 53.2 79.8
76 36.0 29.9 44.9





#15
Acrylonitrile
Concen: 301.704 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

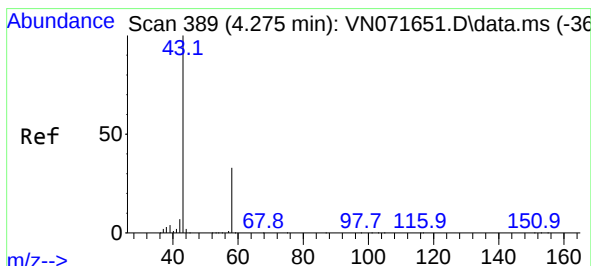
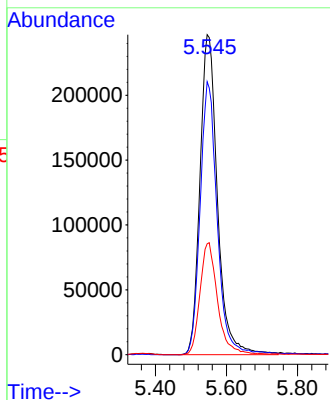
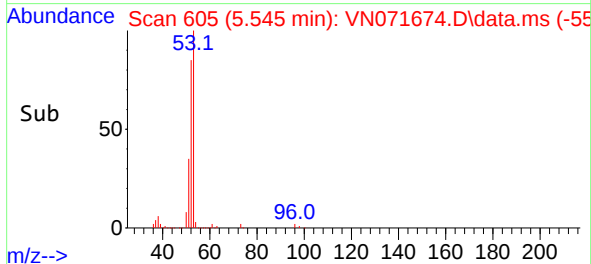
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



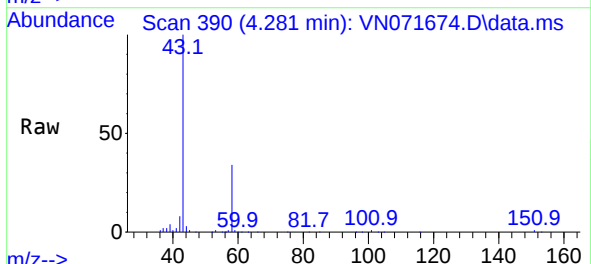
Tgt Ion: 53 Resp: 84538
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 35.1 28.5 42.7

Manual Integrations
APPROVED

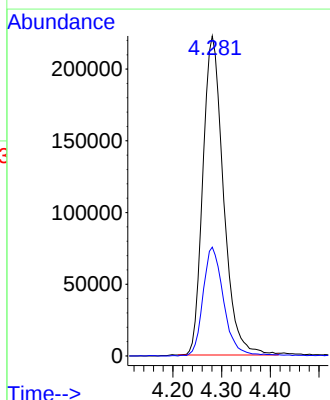
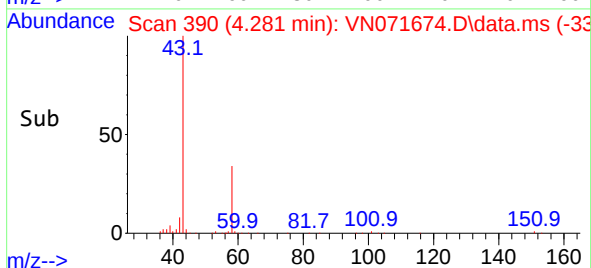
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#16
Acetone
Concen: 257.270 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



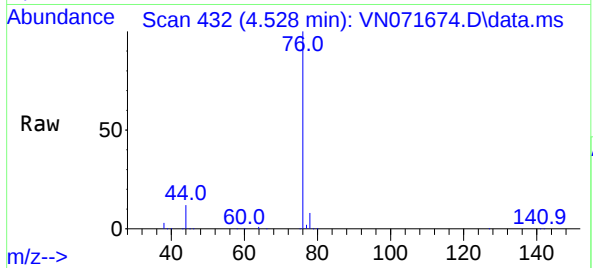
Tgt Ion: 43 Resp: 653116
Ion Ratio Lower Upper
43 100
58 34.1 26.0 39.0





#17
Carbon Disulfide
Concen: 50.498 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

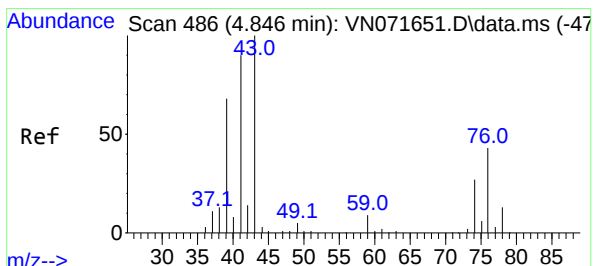
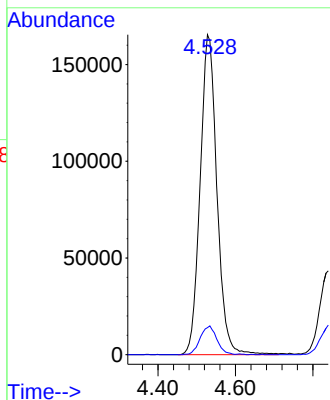
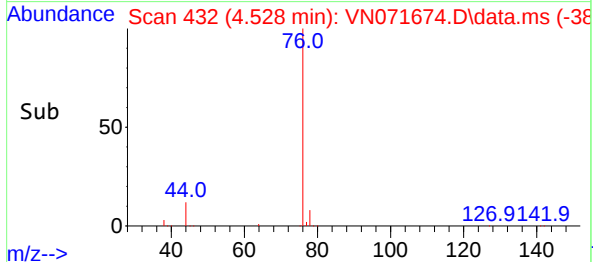
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



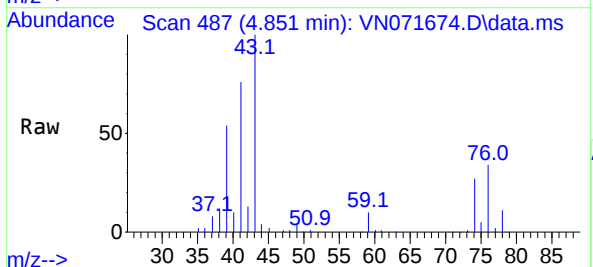
Tgt Ion: 76 Resp: 497624
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

Manual Integrations
APPROVED

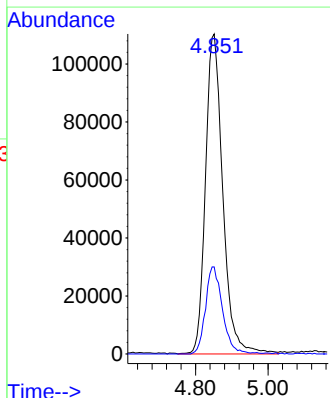
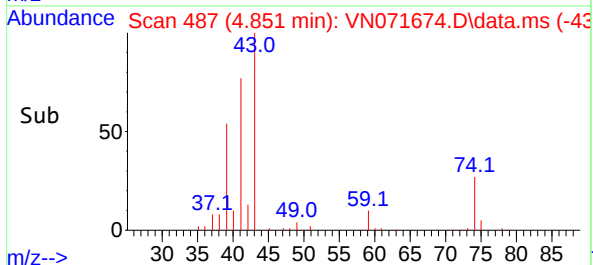
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
Methyl Acetate
Concen: 58.456 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



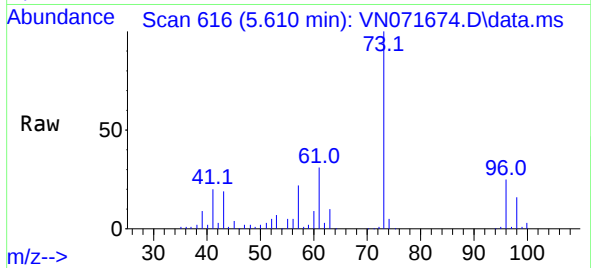
Tgt Ion: 43 Resp: 365871
Ion Ratio Lower Upper
43 100
74 26.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 55.796 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

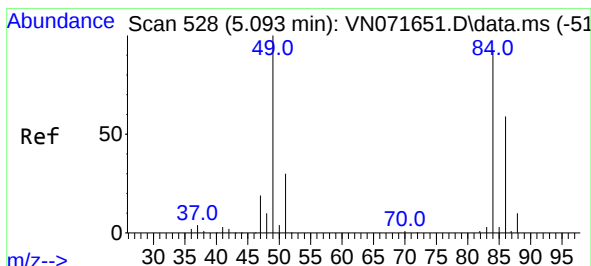
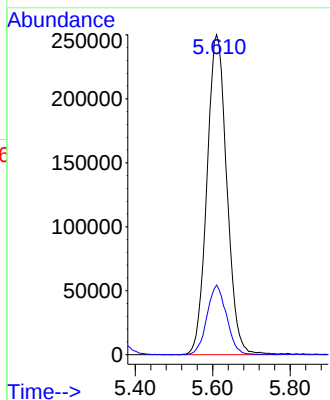
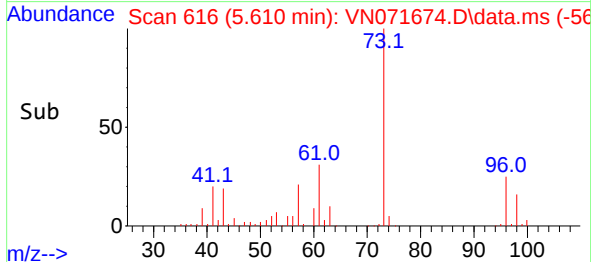
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



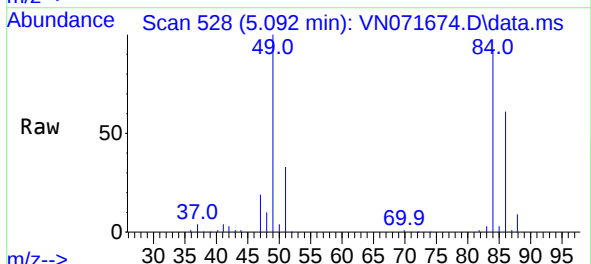
Tgt Ion: 73 Resp: 890260
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

Manual Integrations
APPROVED

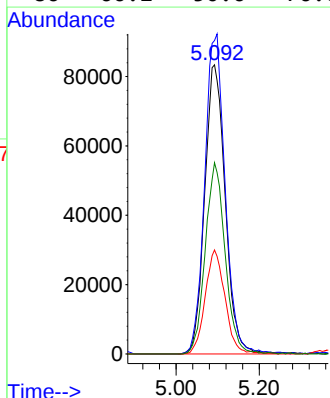
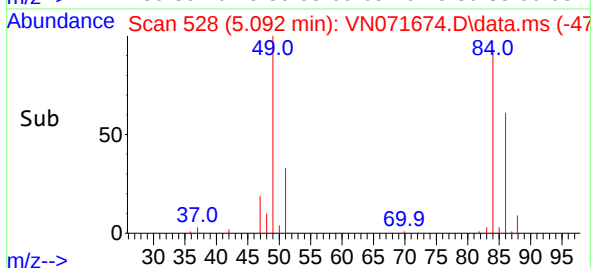
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

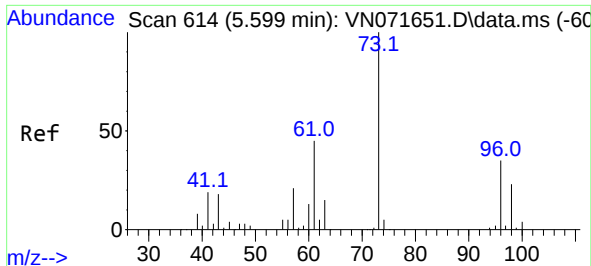


#20
Methylene Chloride
Concen: 53.474 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



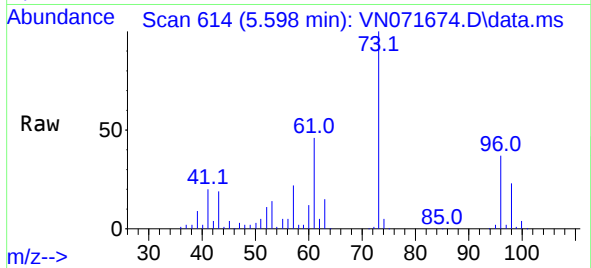
Tgt Ion: 84 Resp: 286128
Ion Ratio Lower Upper
84 100
49 108.4 88.3 132.5
51 36.0 28.2 42.2
86 66.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.673 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

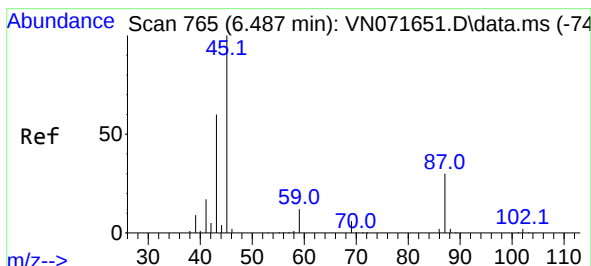
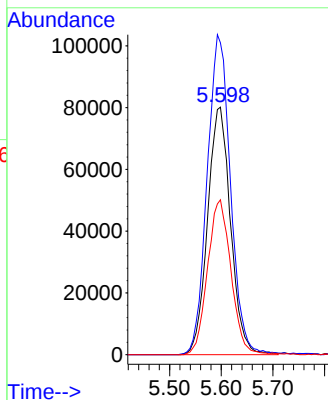
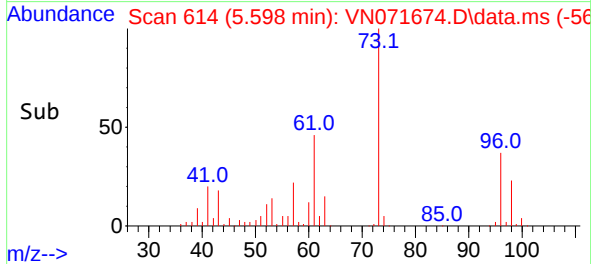
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



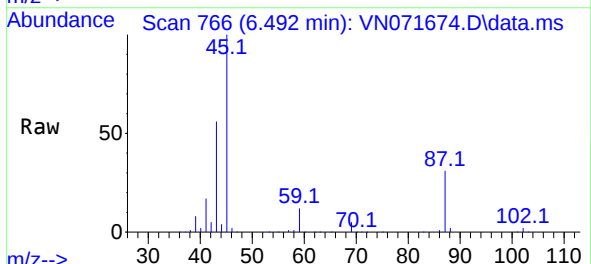
Tgt Ion: 96 Resp: 24834
Ion Ratio Lower Upper
96 100
61 126.0 105.8 158.8
98 62.6 50.3 75.5

Manual Integrations
APPROVED

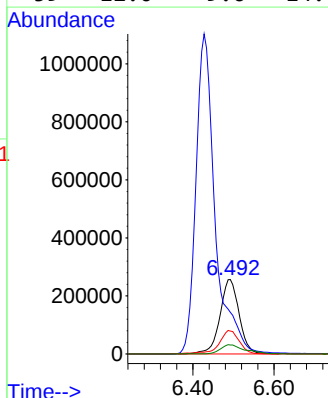
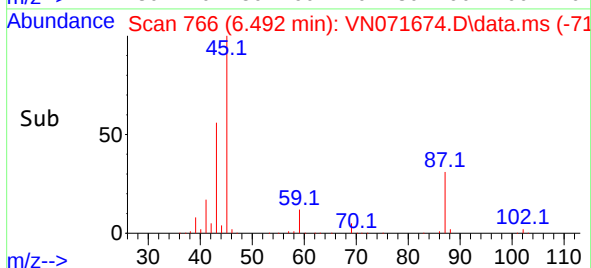
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

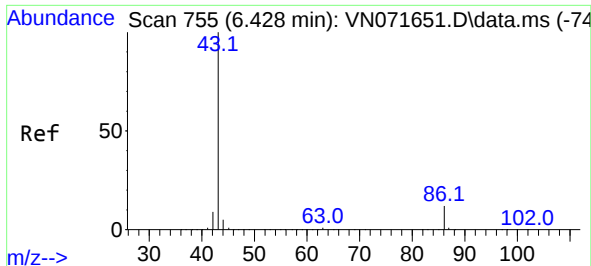


#22
Diisopropyl ether
Concen: 55.662 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



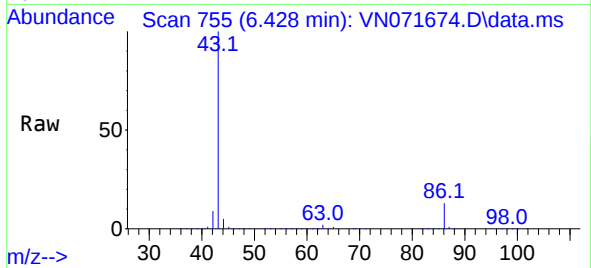
Tgt Ion: 45 Resp: 844710
Ion Ratio Lower Upper
45 100
43 55.2 46.6 70.0
87 30.7 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 301.238 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071674.D
 Acq: 30 Mar 2022 21:44

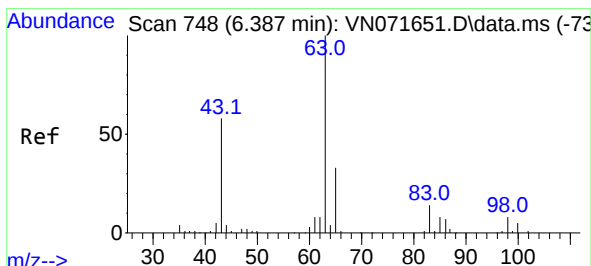
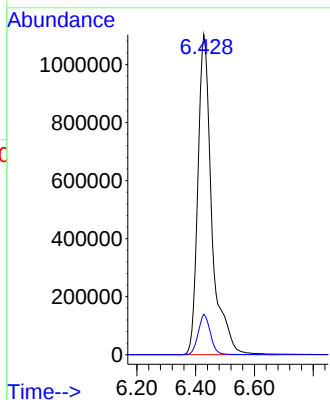
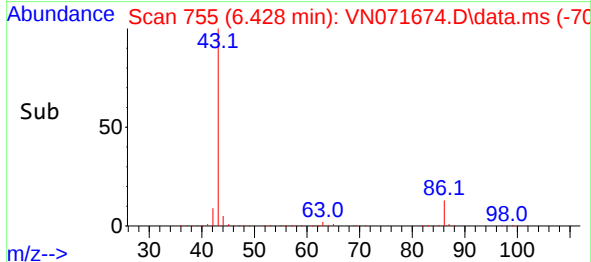
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



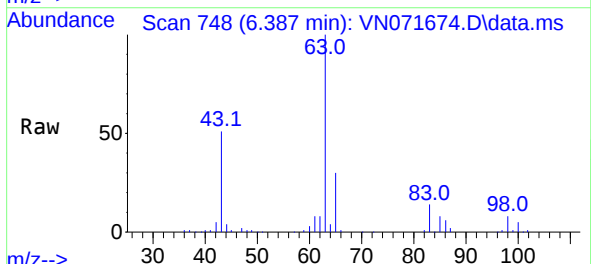
Tgt Ion: 43 Resp: 363533
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0

Manual Integrations
 APPROVED

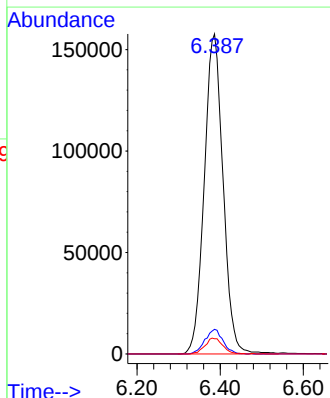
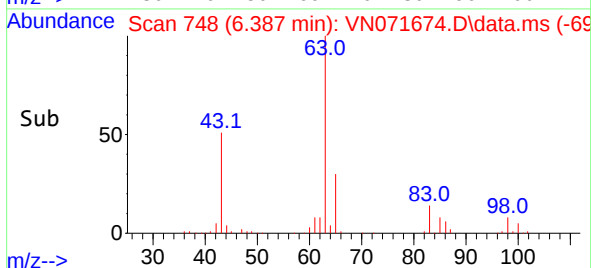
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022

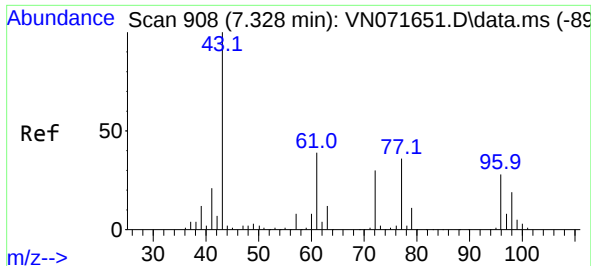


#24
 1,1-Dichloroethane
 Concen: 55.595 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071674.D
 Acq: 30 Mar 2022 21:44



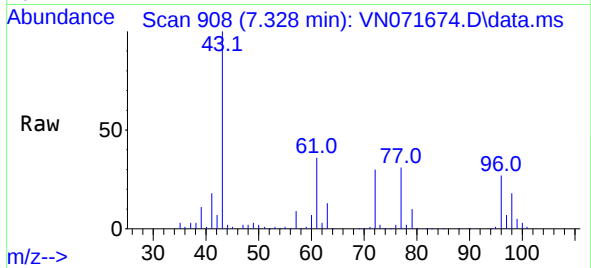
Tgt Ion: 63 Resp: 495290
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 297.685 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

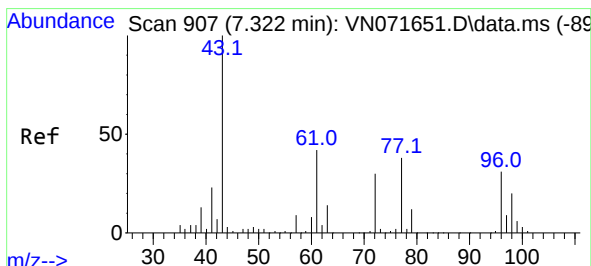
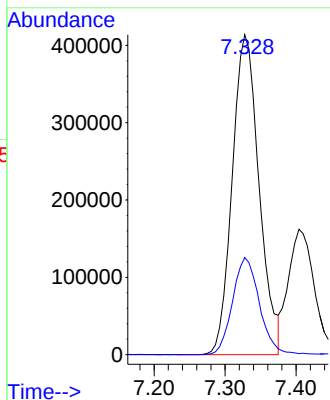
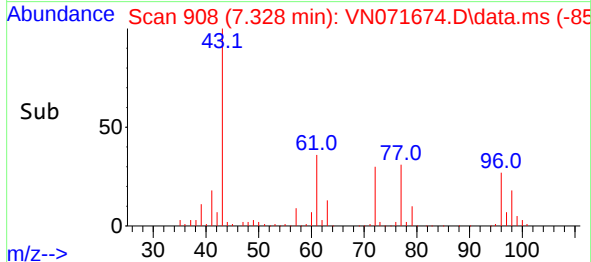
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



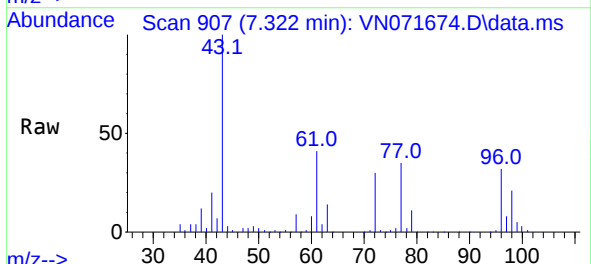
Tgt Ion: 43 Resp: 1089456
Ion Ratio Lower Upper
43 100
72 30.3 23.7 35.5

Manual Integrations
APPROVED

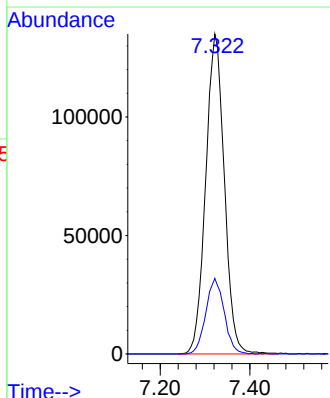
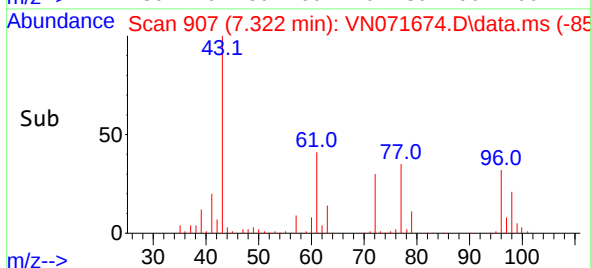
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

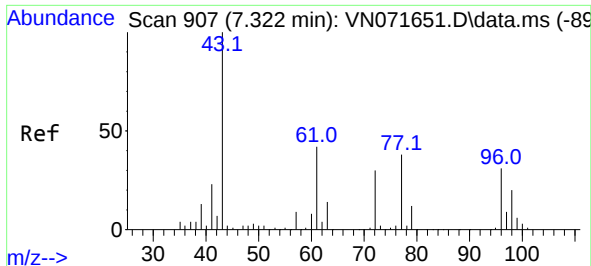


#26
2,2-Dichloropropane
Concen: 50.860 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



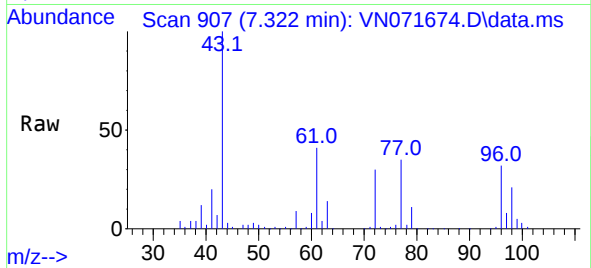
Tgt Ion: 77 Resp: 389243
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 54.824 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

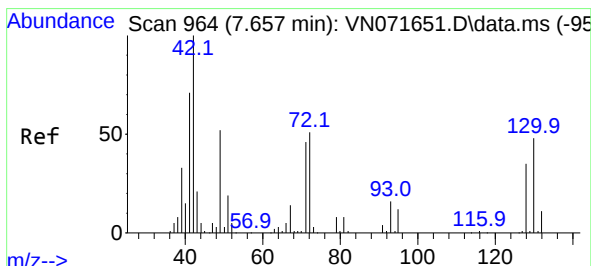
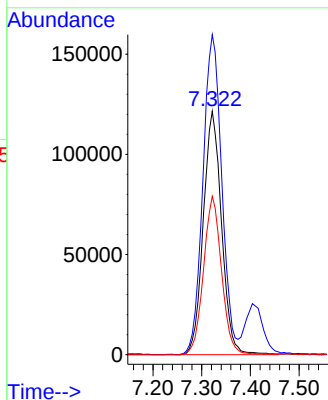
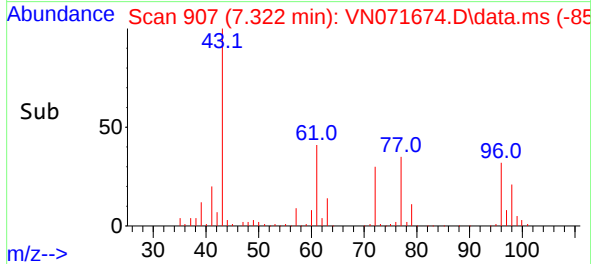
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



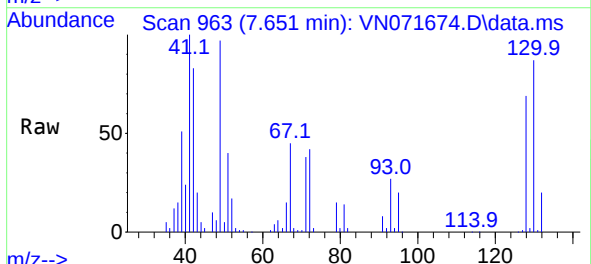
Tgt Ion: 96 Resp: 316972
Ion Ratio Lower Upper
96 100
61 135.5 0.0 280.6
98 64.2 0.0 128.4

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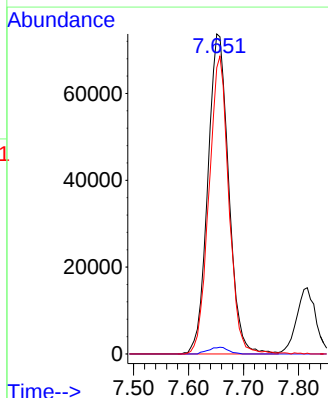
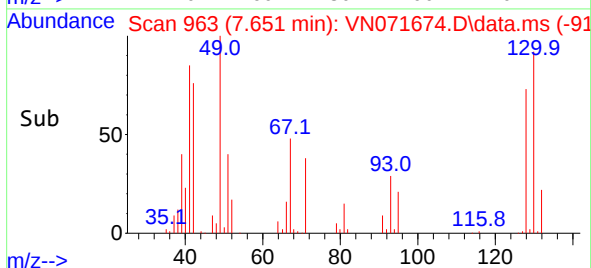
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#28
Bromochloromethane
Concen: 54.150 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



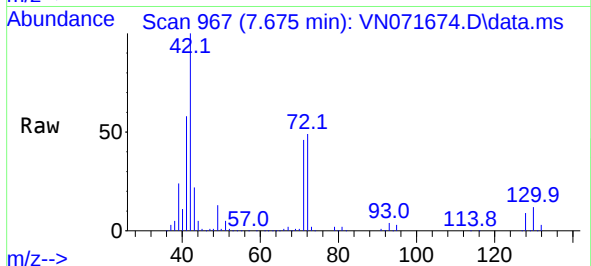
Tgt Ion: 49 Resp: 194605
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 88.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 303.915 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

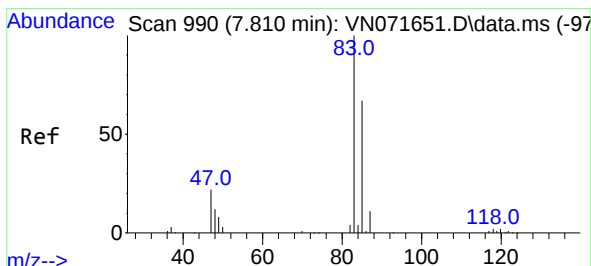
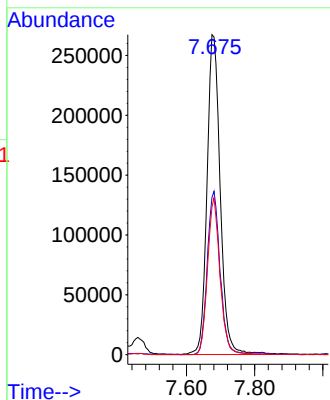
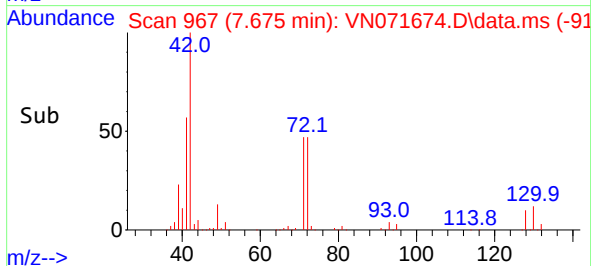
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



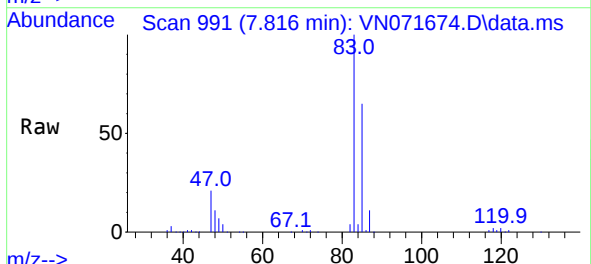
Tgt Ion: 42 Resp: 720199
Ion Ratio Lower Upper
42 100
72 49.6 39.7 59.5
71 46.5 36.6 55.0

Manual Integrations
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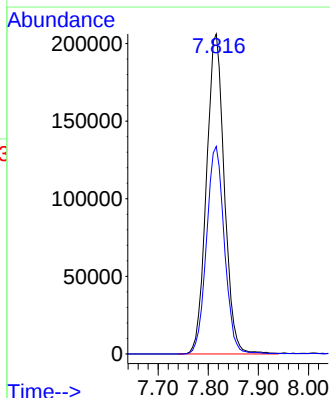
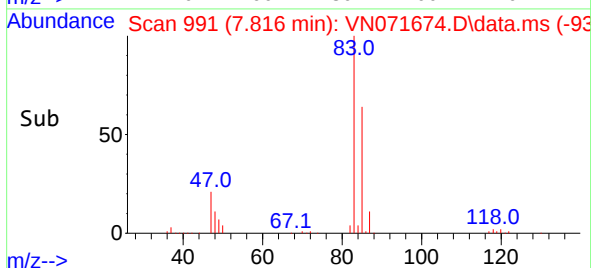
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

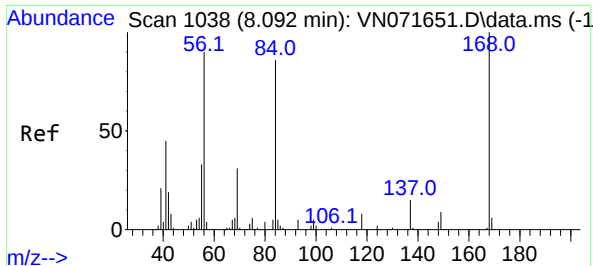


#30
Chloroform
Concen: 54.264 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



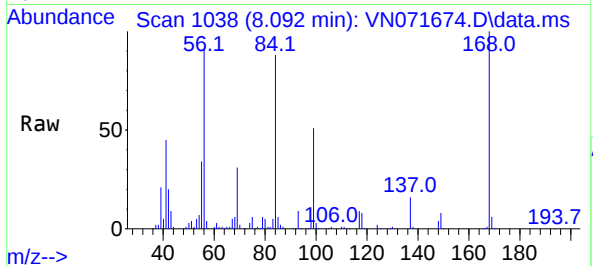
Tgt Ion: 83 Resp: 510463
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 50.069 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

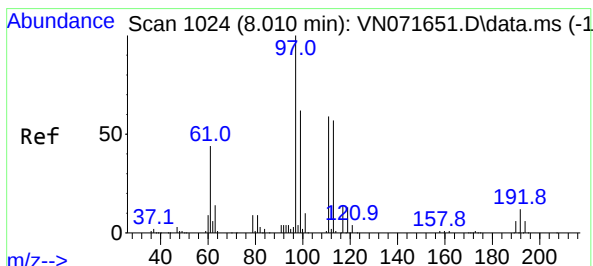
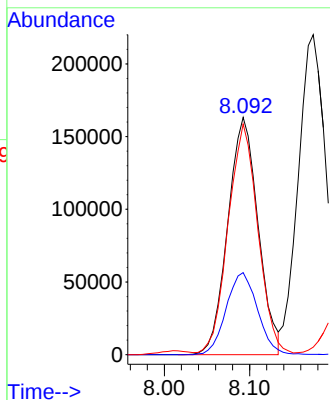
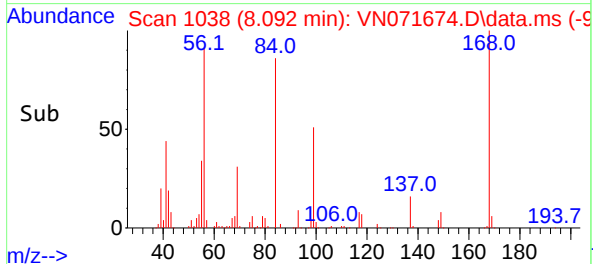
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



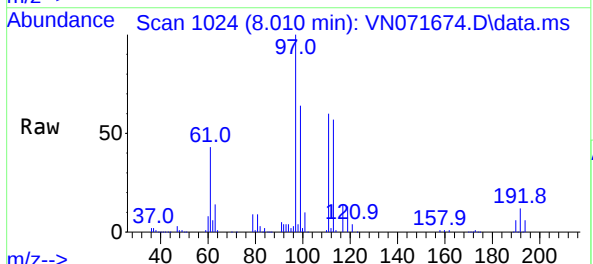
Tgt Ion: 56 Resp: 404472
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.8
84 95.6 76.9 115.3

Manual Integrations
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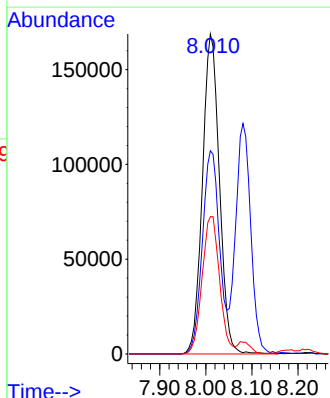
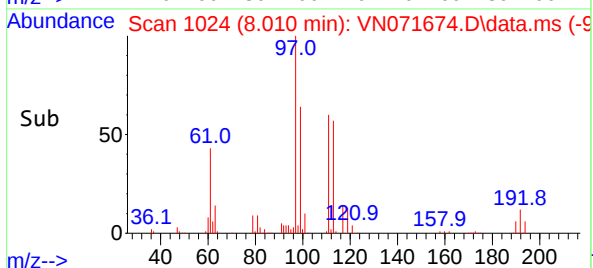
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

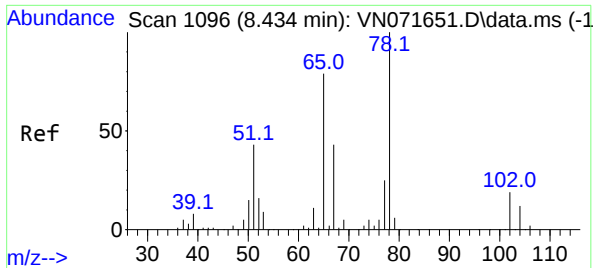


#32
1,1,1-Trichloroethane
Concen: 53.879 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion: 97 Resp: 433597
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 44.3 36.0 54.0





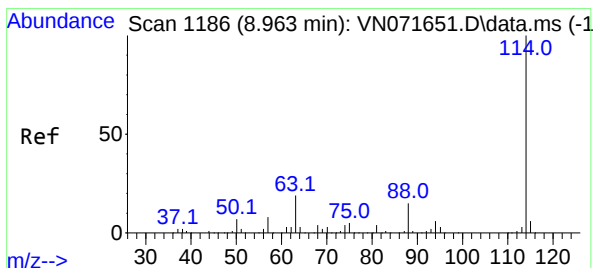
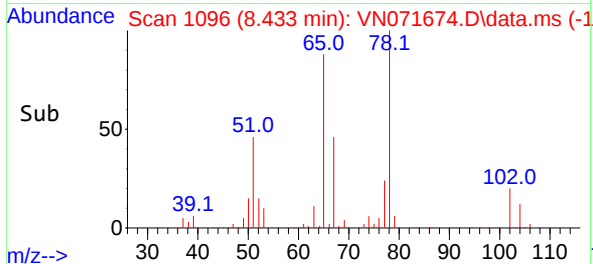
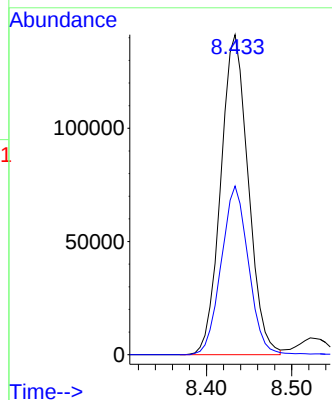
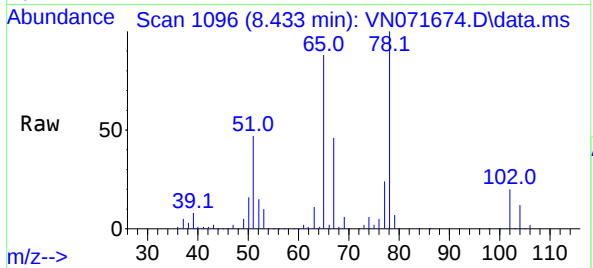
#33
1,2-Dichloroethane-d4
Concen: 53.296 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 316590
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

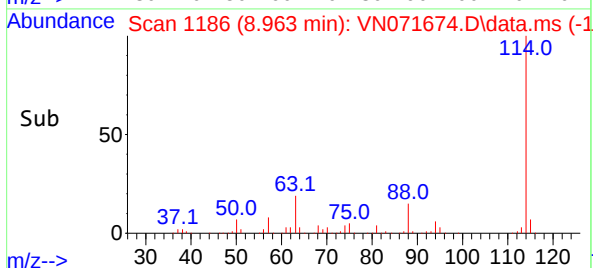
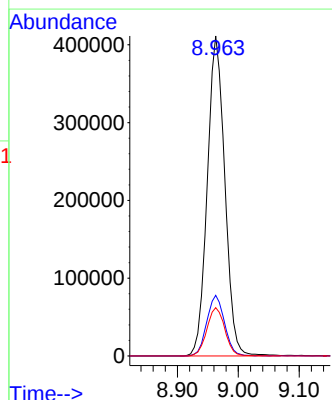
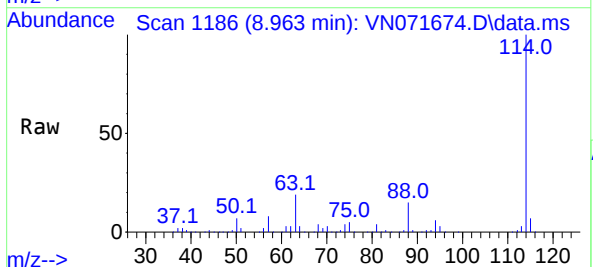
Manual Integrations
APPROVED

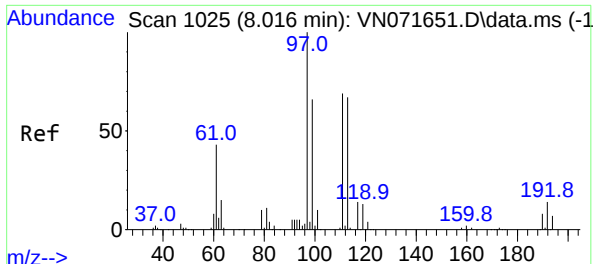
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

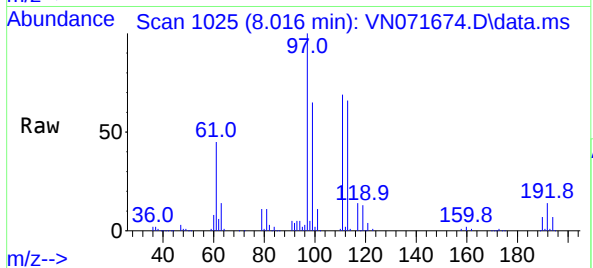
Tgt Ion:114 Resp: 823805
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.158 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

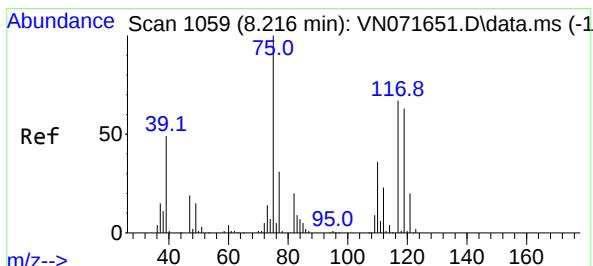
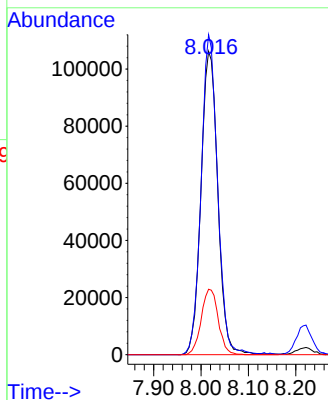
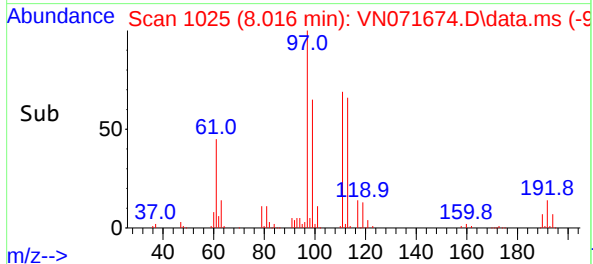
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



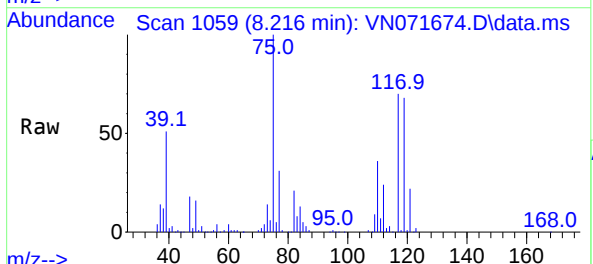
Tgt Ion:113 Resp: 262539
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.8 17.0 25.6

Manual Integrations
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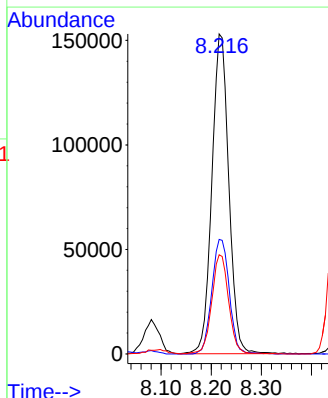
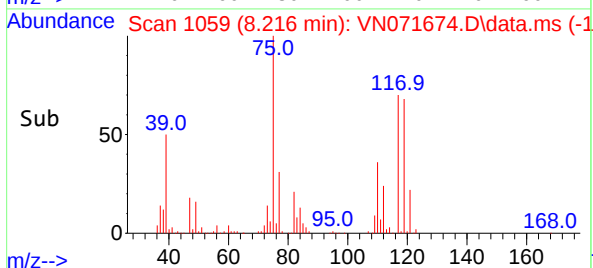
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

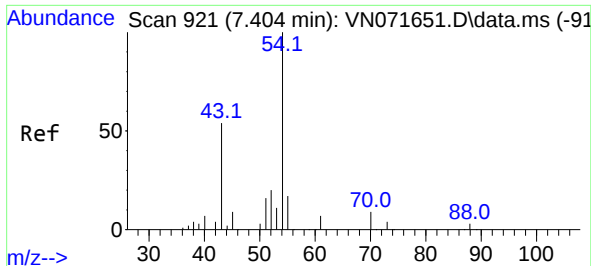


#36
1,1-Dichloropropene
Concen: 52.896 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



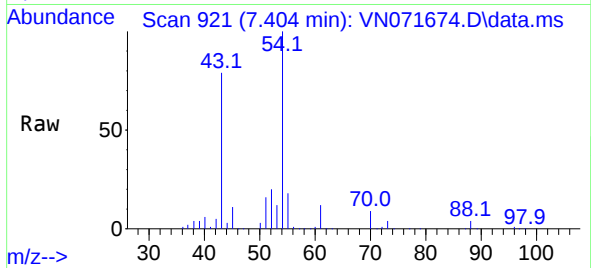
Tgt Ion: 75 Resp: 358080
Ion Ratio Lower Upper
75 100
110 37.0 18.3 54.8
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 57.590 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

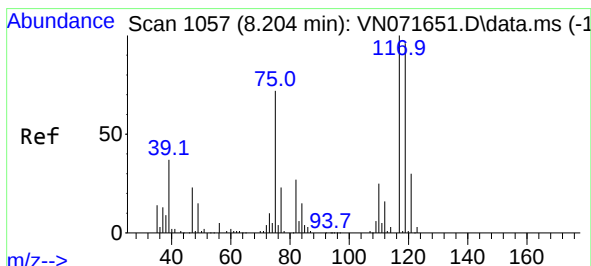
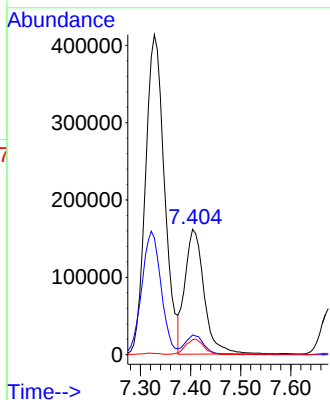
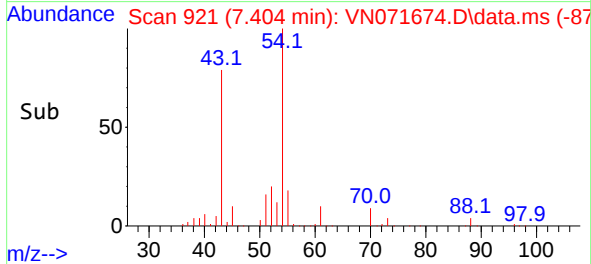
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 426710
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 12.1 9.3 13.9

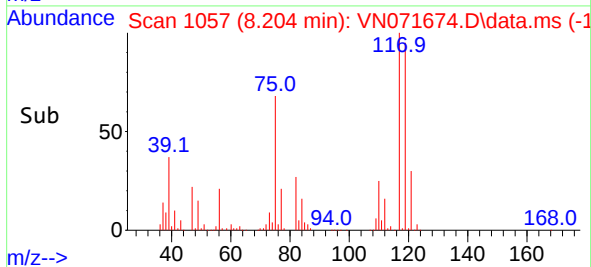
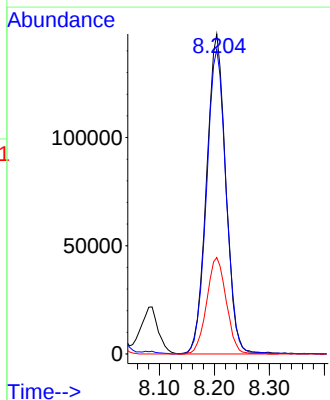
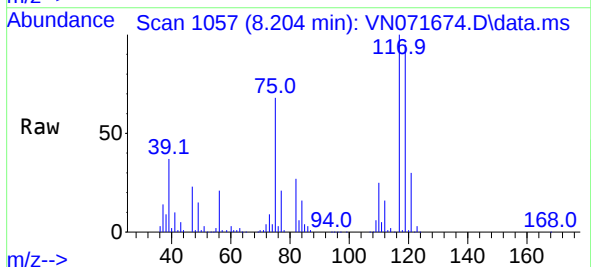
Manual Integrations
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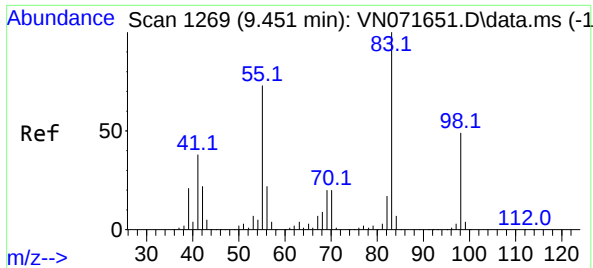
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 54.286 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Tgt Ion:117 Resp: 360162
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
121 30.1 24.6 37.0





#39
Methylcyclohexane
Concen: 53.843 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

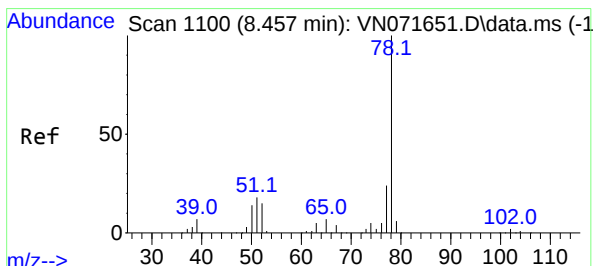
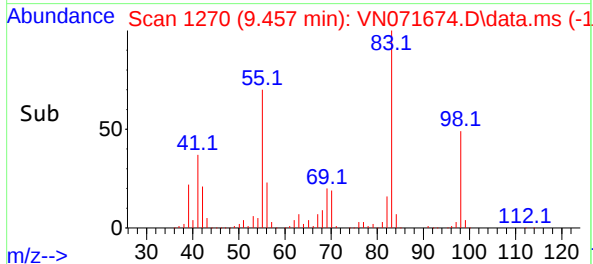
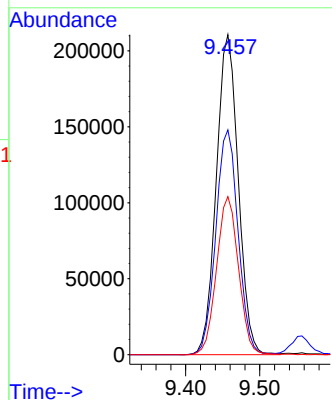
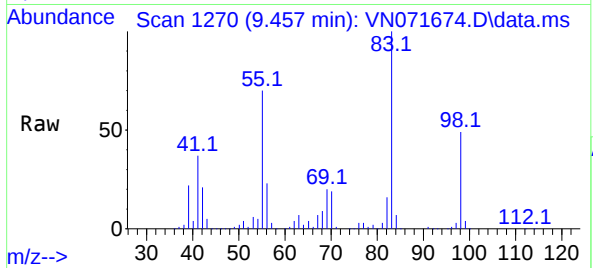
Tgt Ion: 83 Resp: 433880
Ion Ratio Lower Upper
83 100
55 70.2 57.8 86.8
98 49.4 39.4 59.2

Manual Integrations

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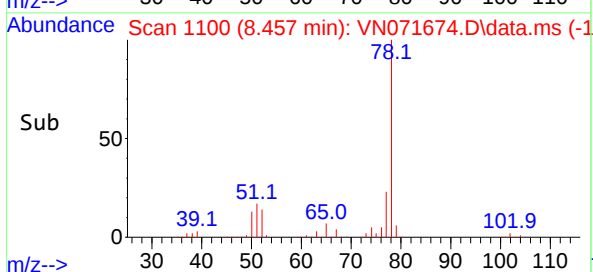
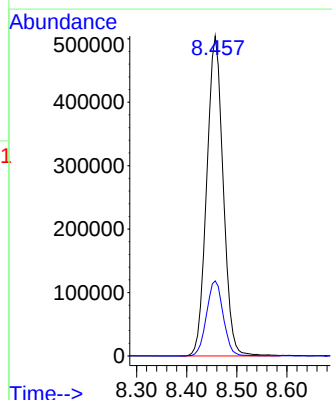
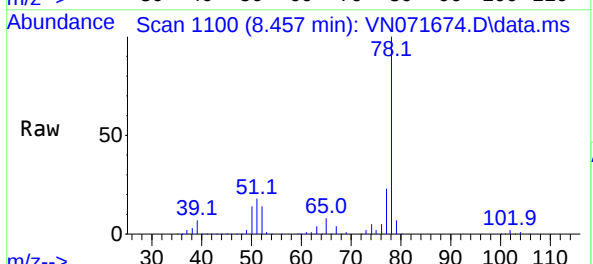
Reviewed By :John Carlone 03/31/2022

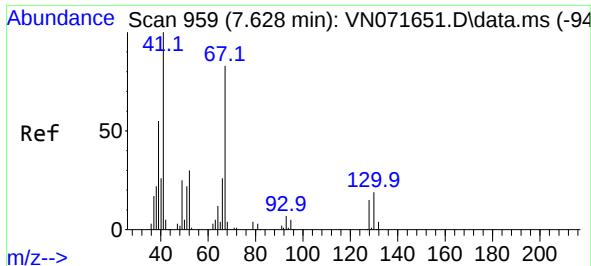
Supervised By :Mahesh Dadoda 04/01/2022



#40
Benzene
Concen: 53.810 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

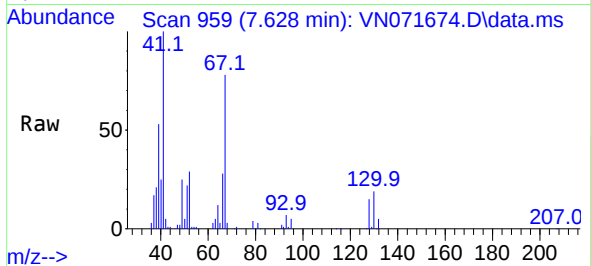
Tgt Ion: 78 Resp: 1150696
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 63.282 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

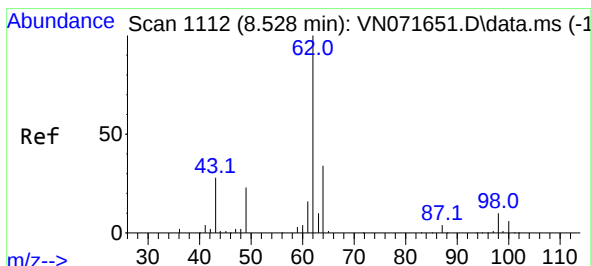
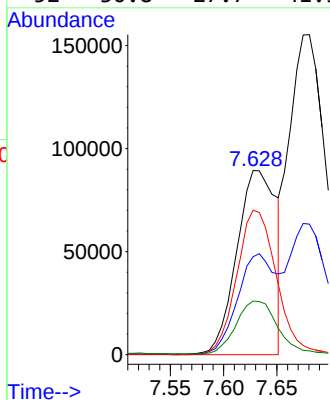
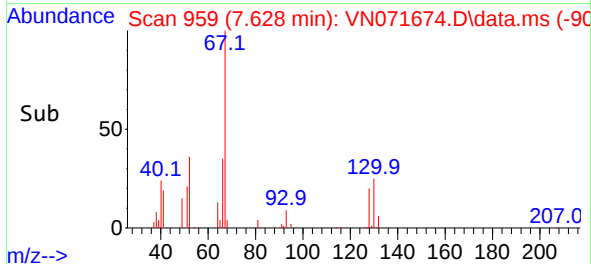
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 22958
Ion Ratio Lower Upper
41 100
39 52.4 48.6 73.0
67 80.3 73.4 110.2
52 30.8 27.7 41.5

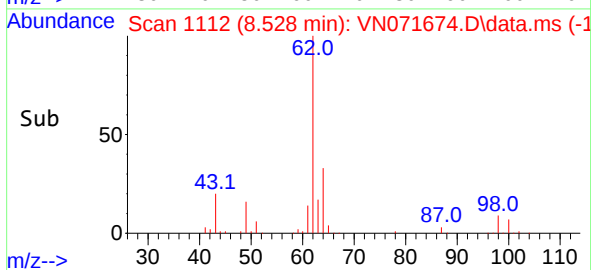
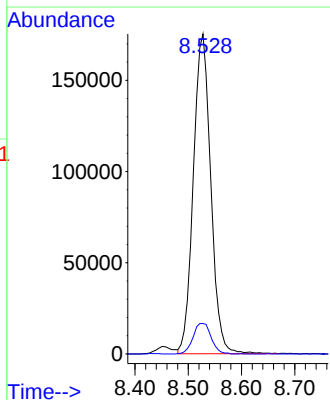
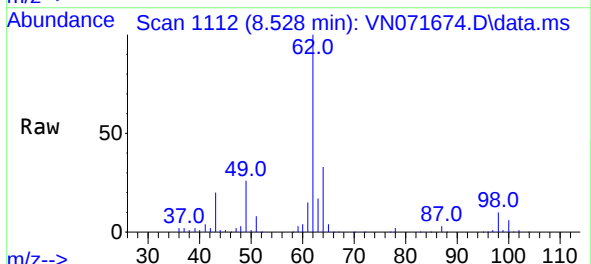
Manual Integrations
APPROVED

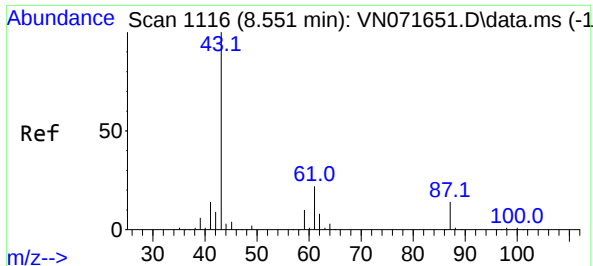
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#42
1,2-Dichloroethane
Concen: 53.900 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

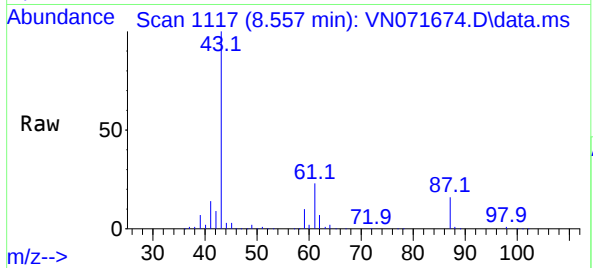
Tgt Ion: 62 Resp: 398725
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 52.962 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

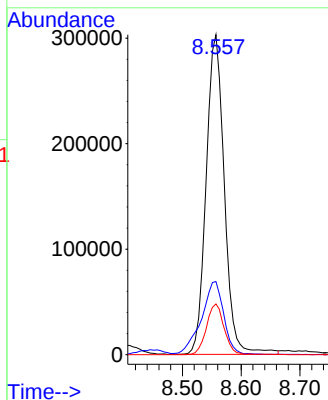
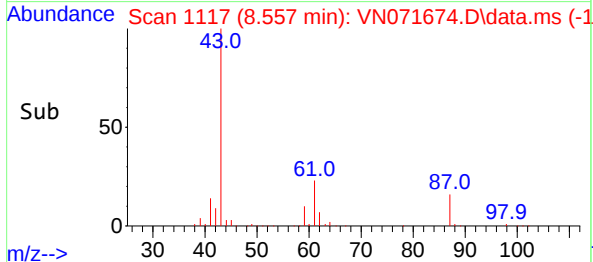
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



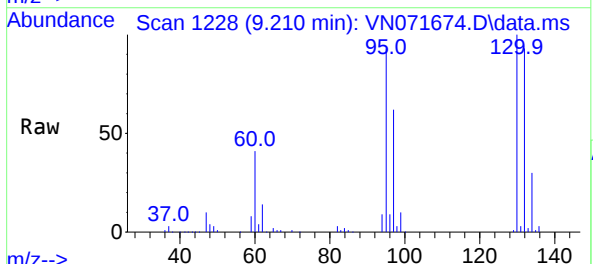
Tgt Ion: 43 Resp: 65271
Ion Ratio Lower Upper
43 100
61 28.0 21.9 32.9
87 15.5 12.0 18.0

Manual Integrations
APPROVED

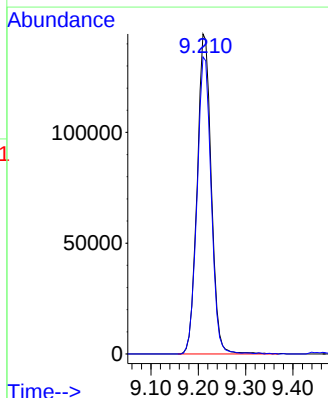
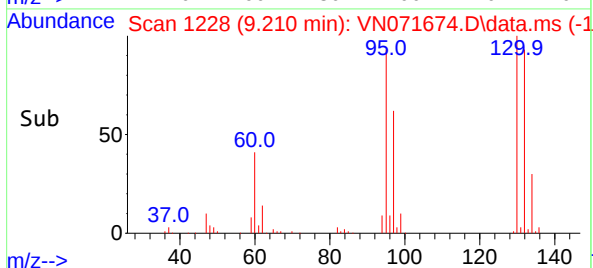
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#44
Trichloroethene
Concen: 54.137 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion:130 Resp: 298258
Ion Ratio Lower Upper
130 100
95 92.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.303 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071674.D

Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 29010

Ion Ratio Lower Upper

63 100

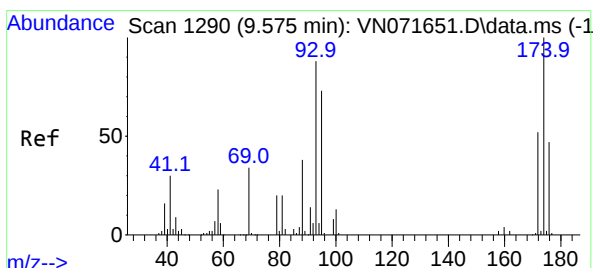
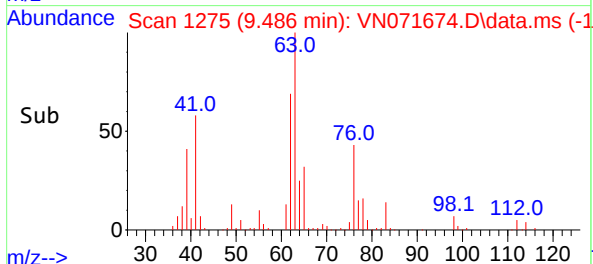
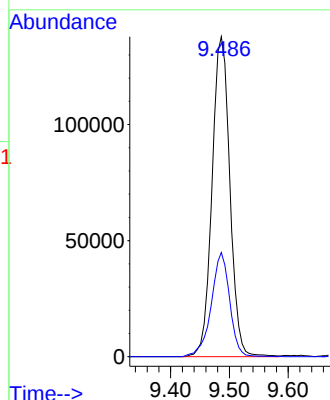
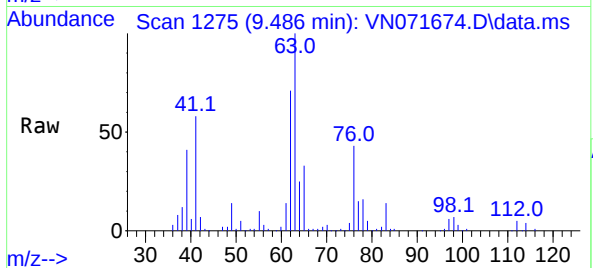
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

Dibromomethane

Concen: 54.236 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071674.D

Acq: 30 Mar 2022 21:44

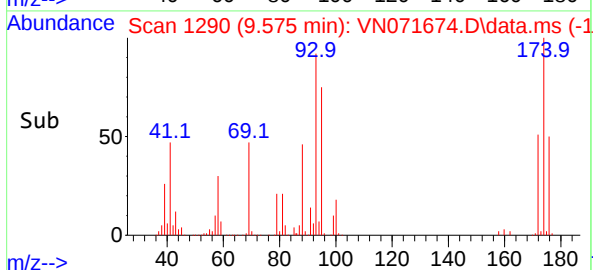
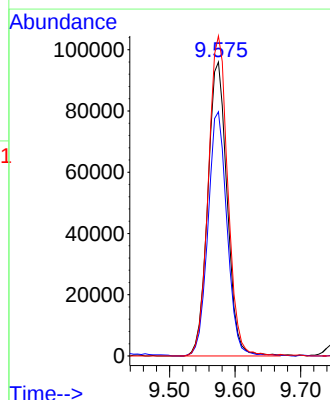
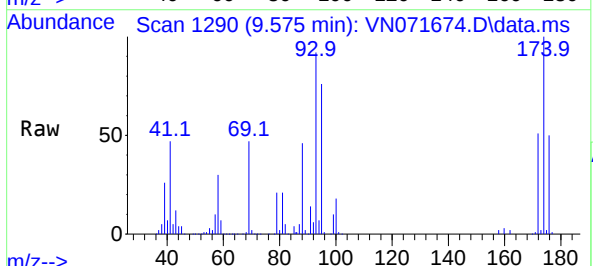
Tgt Ion: 93 Resp: 196725

Ion Ratio Lower Upper

93 100

95 82.1 66.9 100.3

174 109.4 86.6 130.0





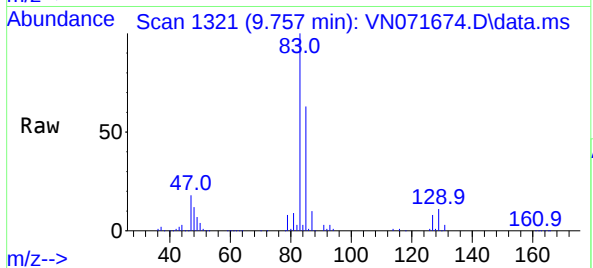
#47
Bromodichloromethane
Concen: 55.731 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



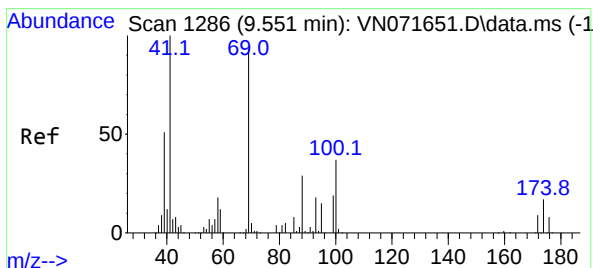
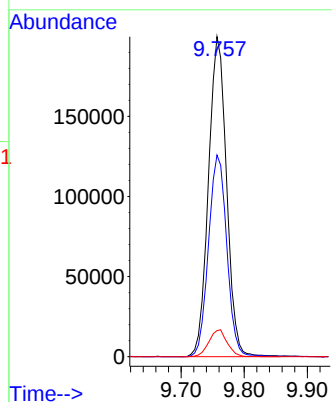
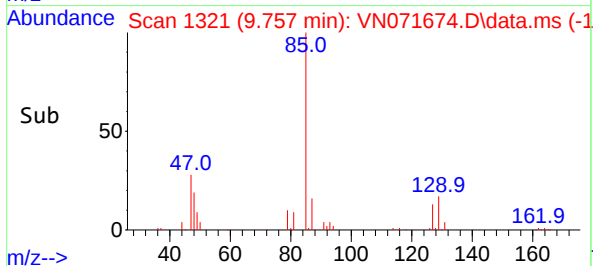
Tgt Ion: 83 Resp: 397922
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations

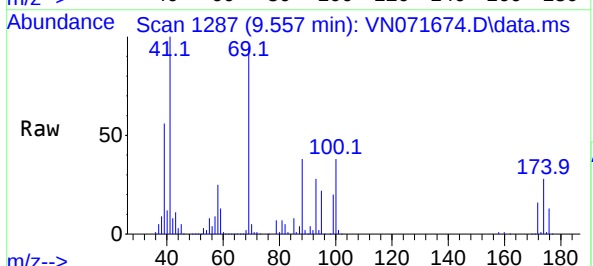
APPROVED

Reviewed By :John Carlone 03/31/2022

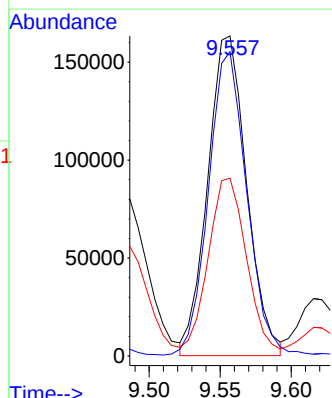
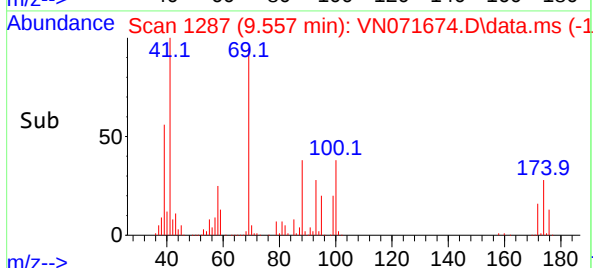
Supervised By :Mahesh Dadoda 04/01/2022

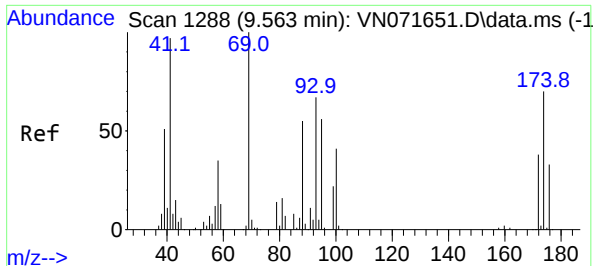


#48
Methyl methacrylate
Concen: 60.925 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



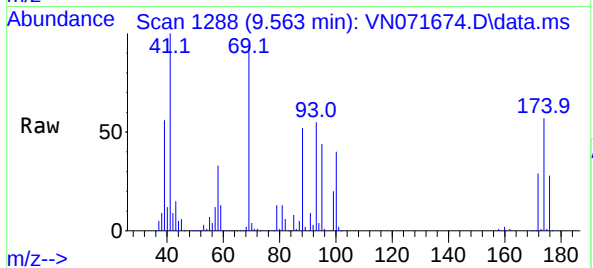
Tgt Ion: 41 Resp: 311516
Ion Ratio Lower Upper
41 100
69 94.1 74.7 112.1
39 54.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1207.703 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

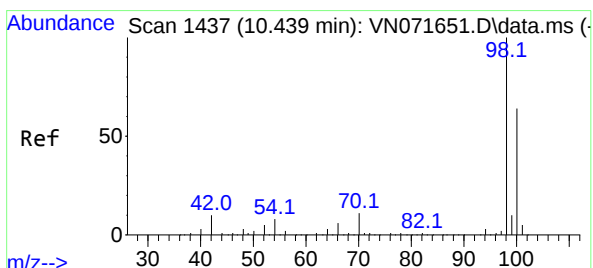
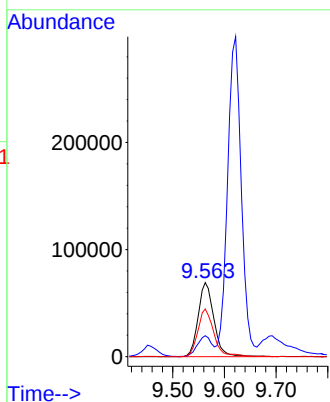
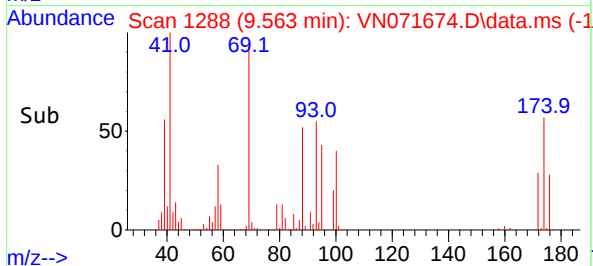
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



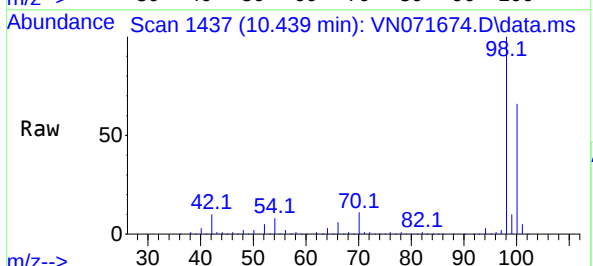
Tgt Ion: 88 Resp: 146149
Ion Ratio Lower Upper
88 100
43 25.4 20.2 30.4
58 65.9 54.2 81.4

Manual Integrations
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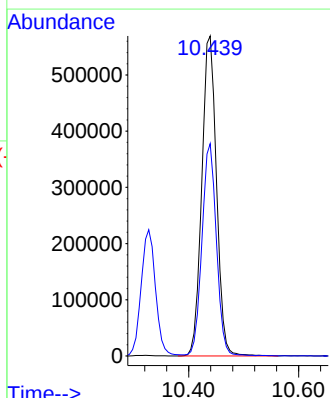
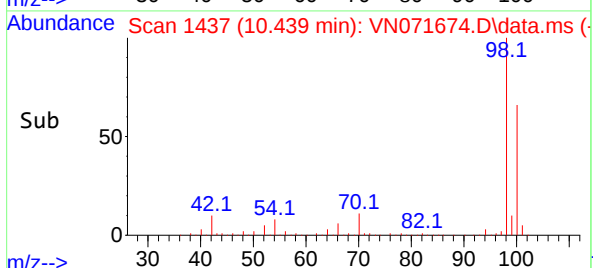
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

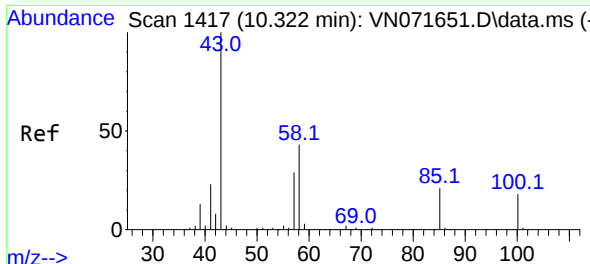


#50
Toluene-d8
Concen: 53.318 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion: 98 Resp: 1057327
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





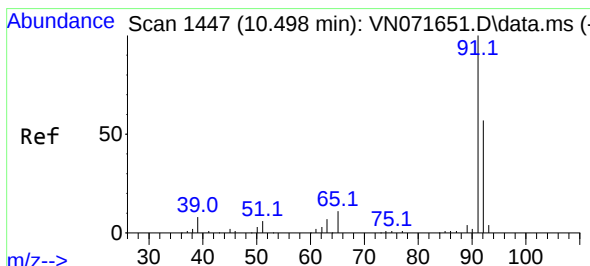
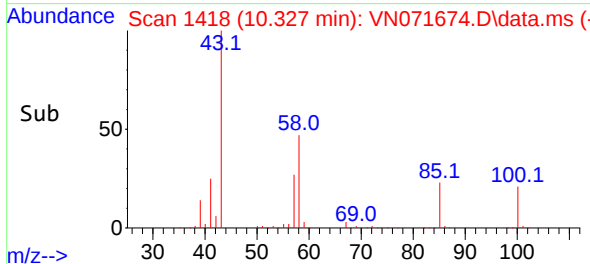
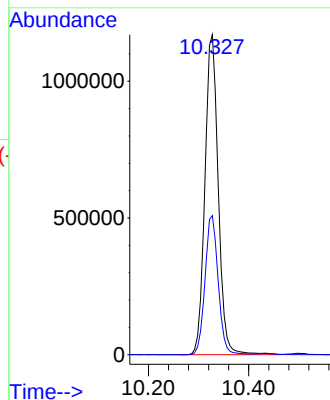
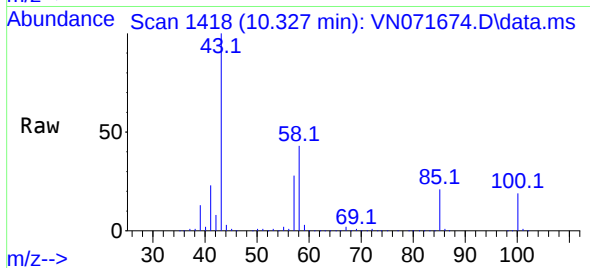
#51
4-Methyl-2-Pentanone
Concen: 304.898 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2160428
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1

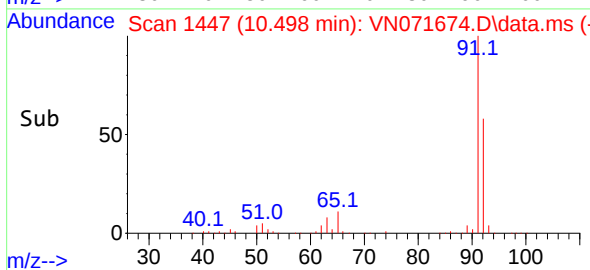
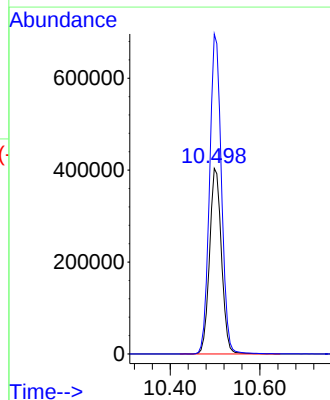
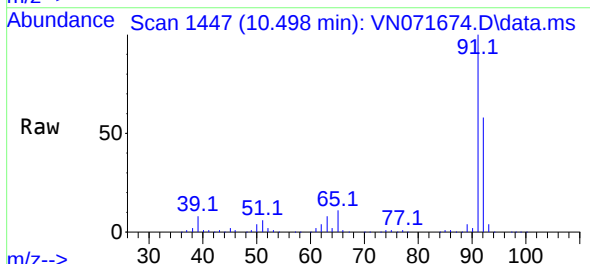
Manual Integrations
APPROVED

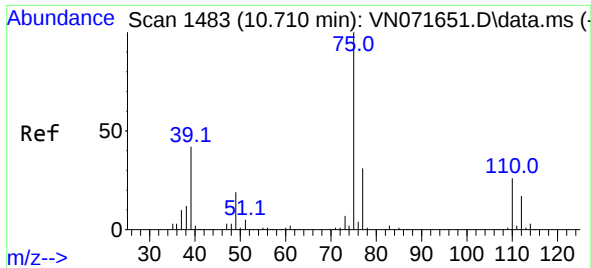
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
Toluene
Concen: 54.982 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Tgt Ion: 92 Resp: 743234
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8





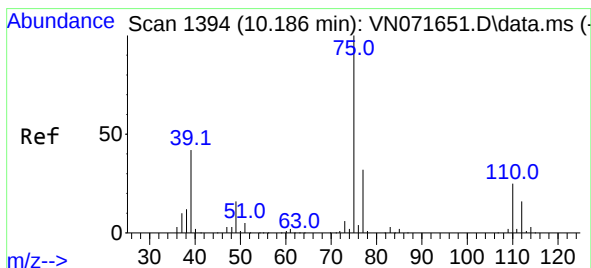
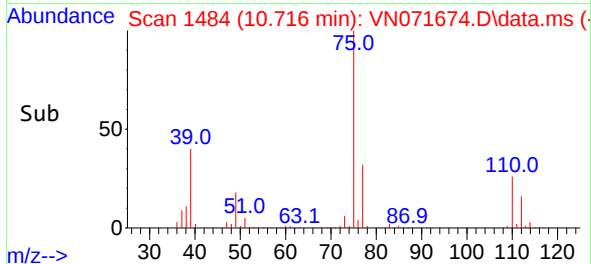
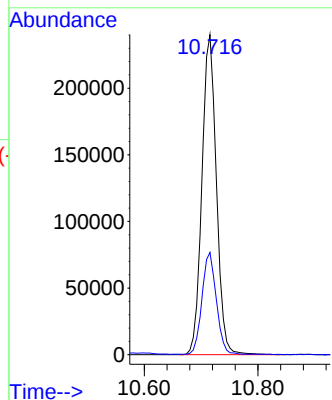
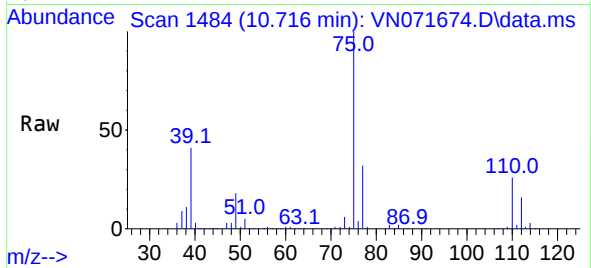
#53
 t-1,3-Dichloropropene
 Concen: 56.621 ug/l
 RT: 10.716 min Scan# 1483
 Delta R.T. 0.006 min
 Lab File: VN071674.D
 Acq: 30 Mar 2022 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 423709
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4

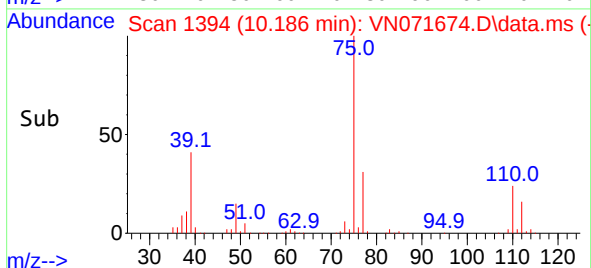
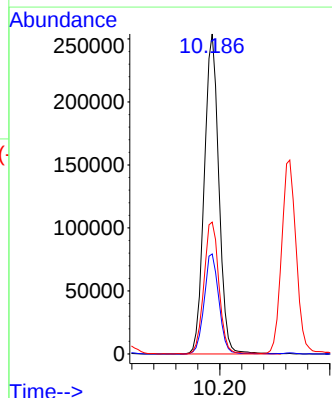
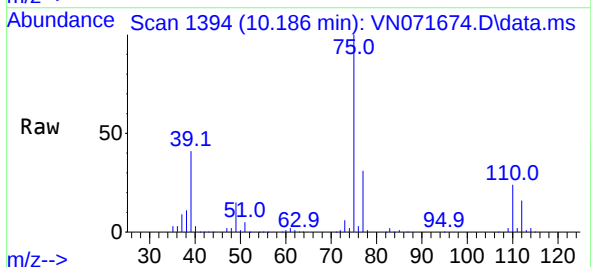
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#54
 cis-1,3-Dichloropropene
 Concen: 56.604 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071674.D
 Acq: 30 Mar 2022 21:44

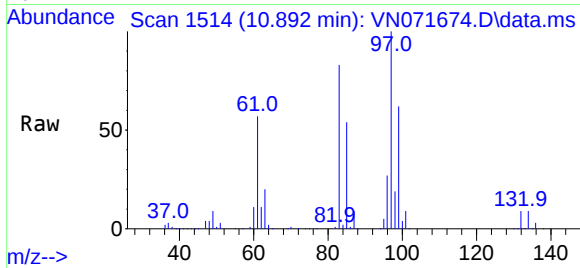
Tgt Ion: 75 Resp: 468015
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 41.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 54.469 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

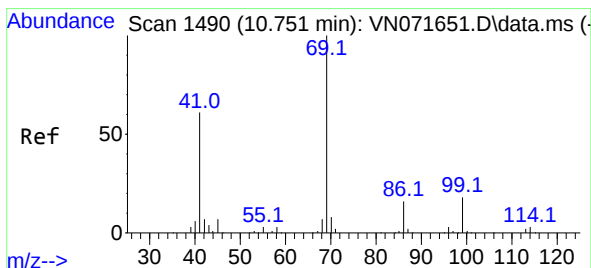
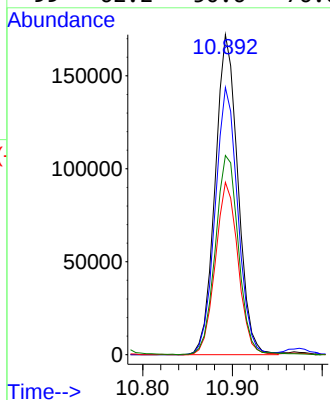
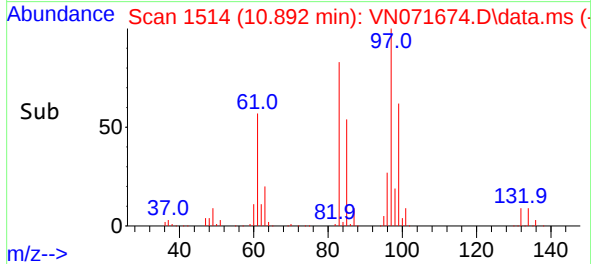
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



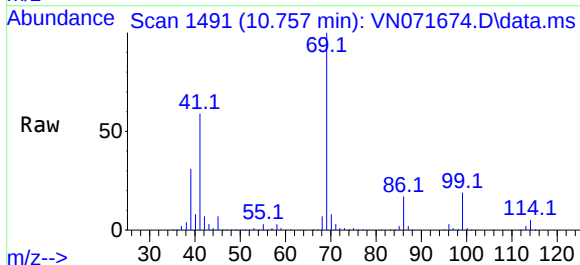
Tgt Ion: 97 Resp: 30303
Ion Ratio Lower Upper
97 100
83 83.5 66.2 99.4
85 53.8 43.9 65.9
99 62.2 50.6 76.0

Manual Integrations
APPROVED

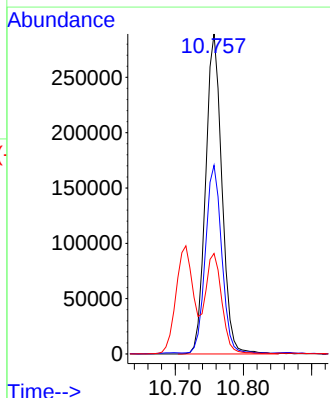
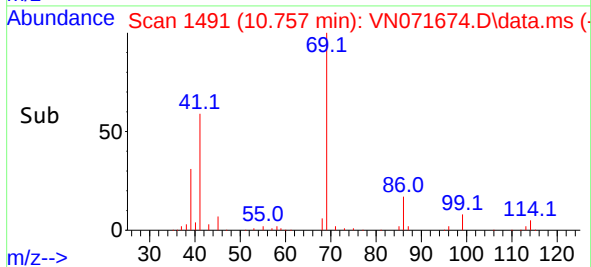
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

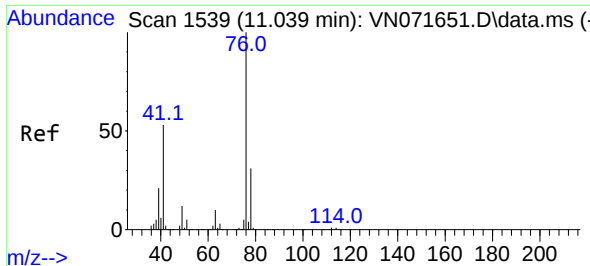


#56
Ethyl methacrylate
Concen: 60.621 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion: 69 Resp: 481122
Ion Ratio Lower Upper
69 100
41 58.7 47.8 71.6
39 31.7 27.3 40.9





#57

1,3-Dichloropropane

Concen: 54.840 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071674.D

Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 51011

Ion Ratio Lower Upper

76 100

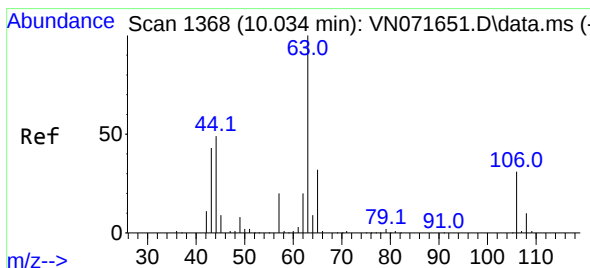
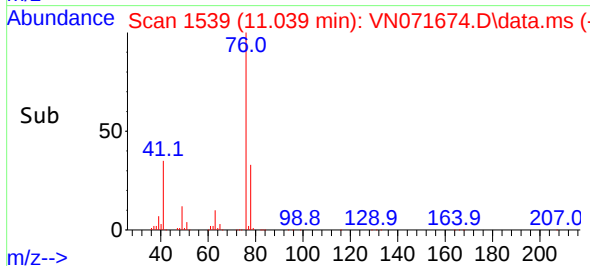
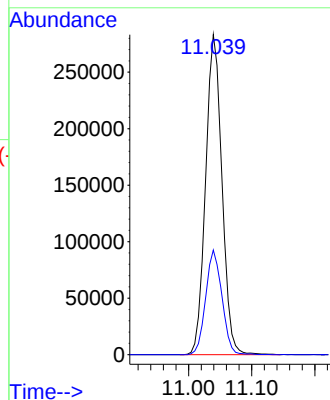
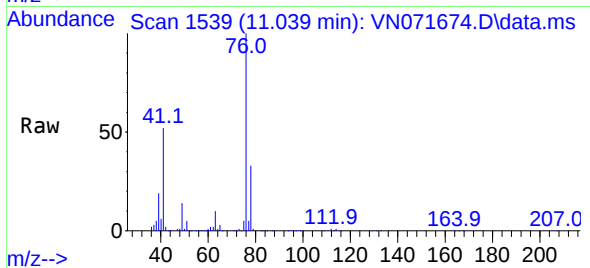
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 261.739 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.001 min

Lab File: VN071674.D

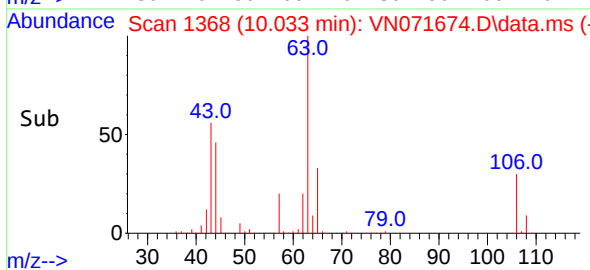
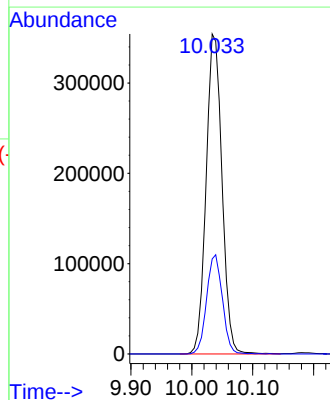
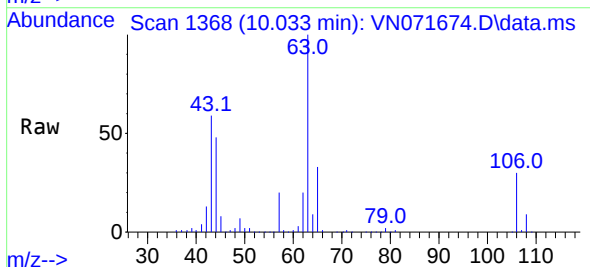
Acq: 30 Mar 2022 21:44

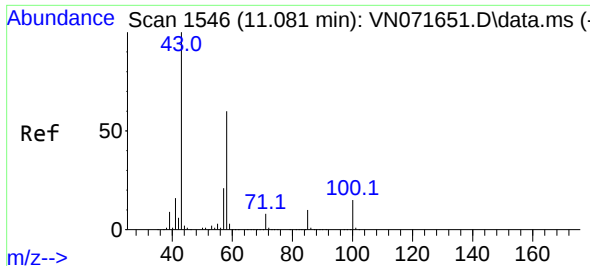
Tgt Ion: 63 Resp: 641613

Ion Ratio Lower Upper

63 100

106 30.8 24.6 36.8





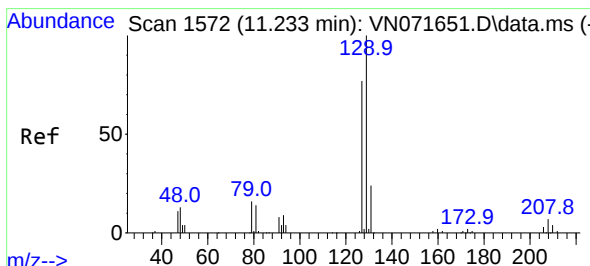
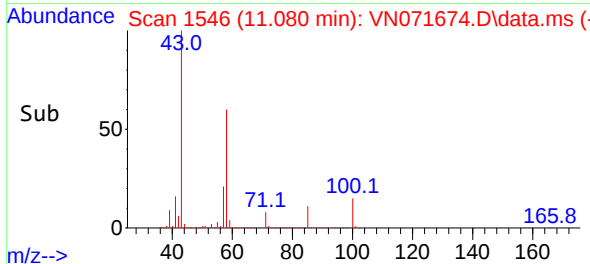
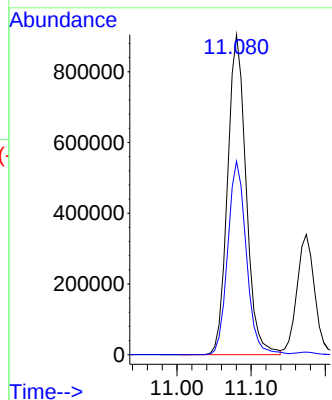
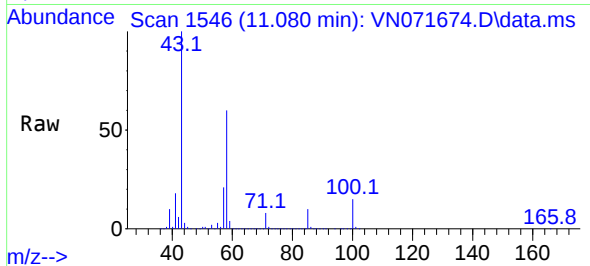
#59
2-Hexanone
Concen: 314.968 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1571290
Ion Ratio Lower Upper
43 100
58 60.6 29.7 89.1

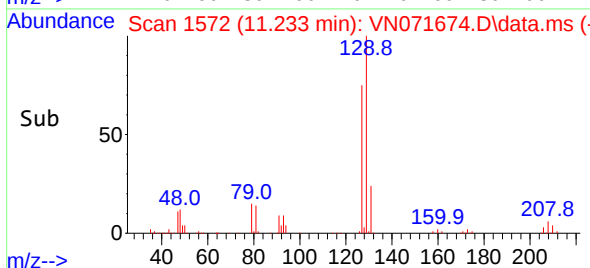
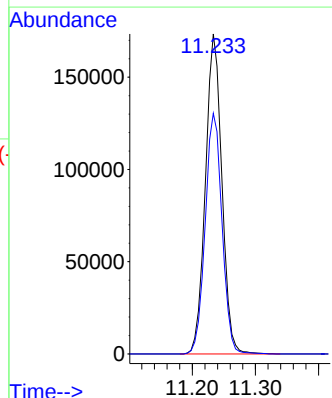
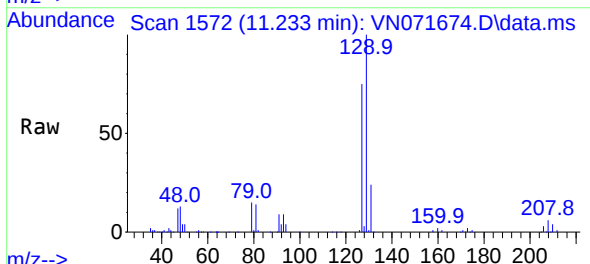
Manual Integrations
APPROVED

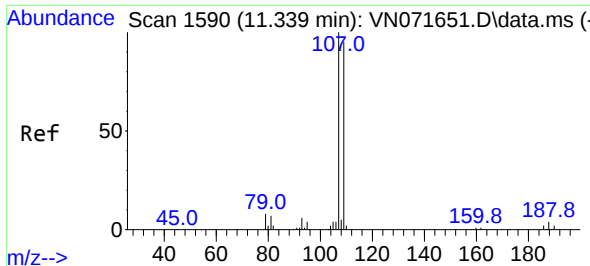
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 57.691 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

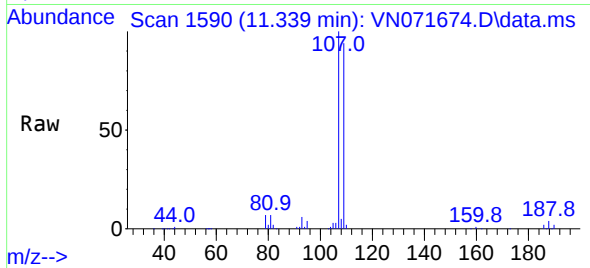
Tgt Ion:129 Resp: 312951
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.285 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

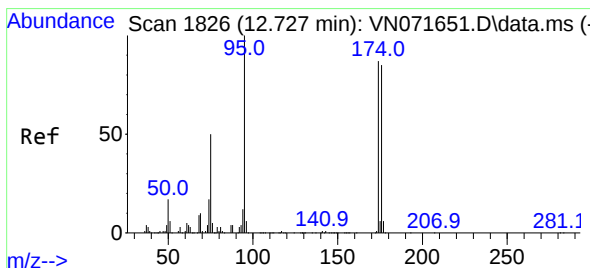
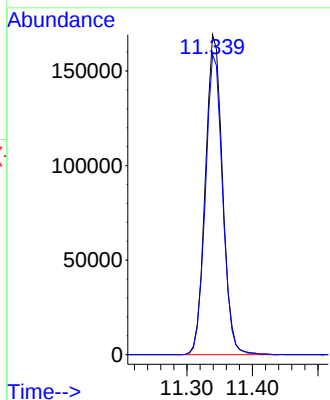
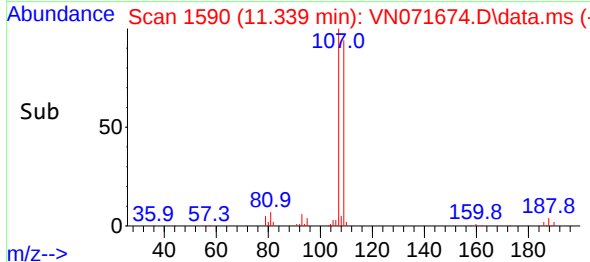
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



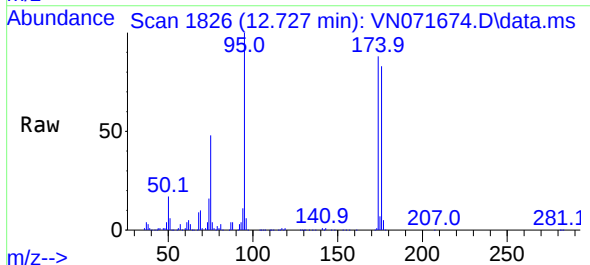
Tgt Ion:107 Resp: 308238
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6

Manual Integrations
APPROVED

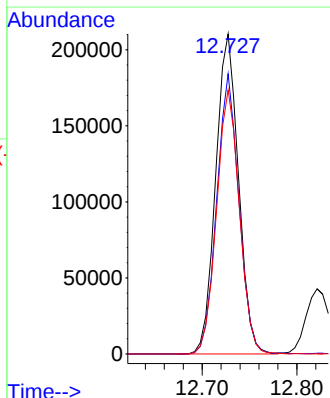
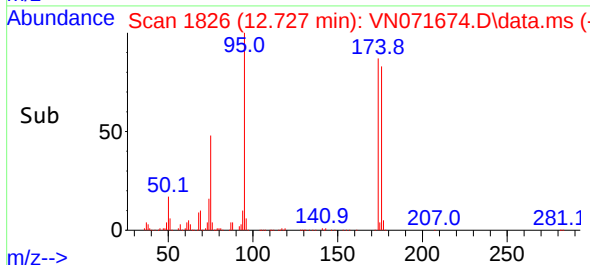
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

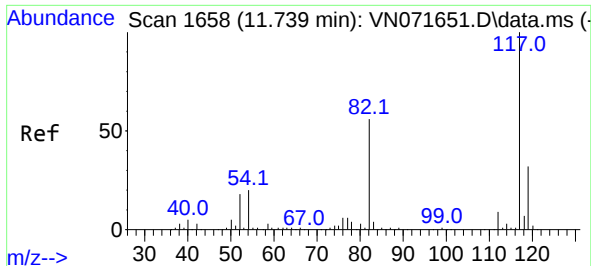


#62
4-Bromofluorobenzene
Concen: 54.831 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



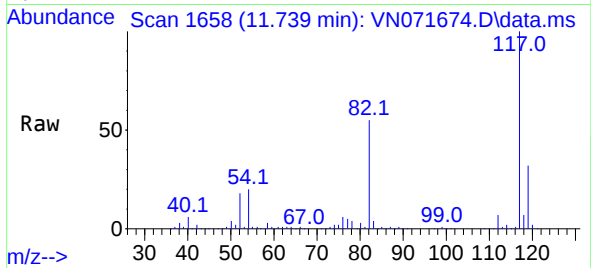
Tgt Ion: 95 Resp: 351660
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 82.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

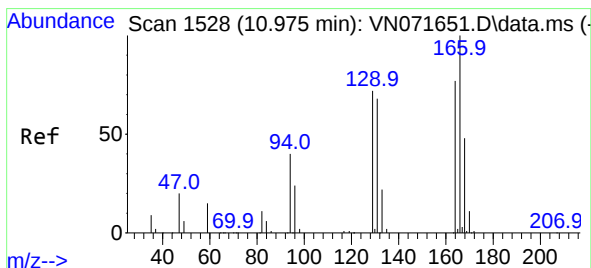
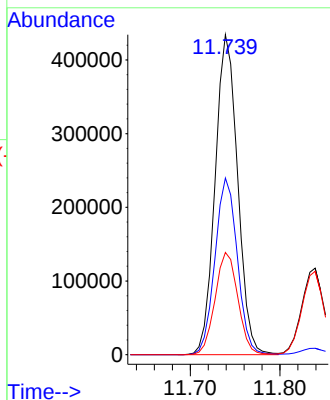
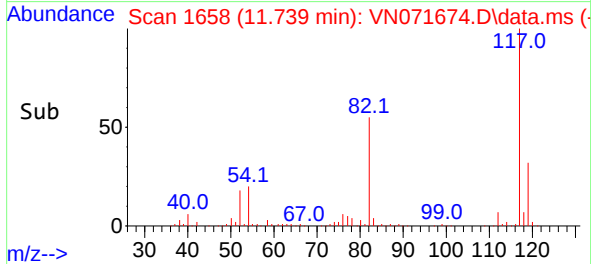
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



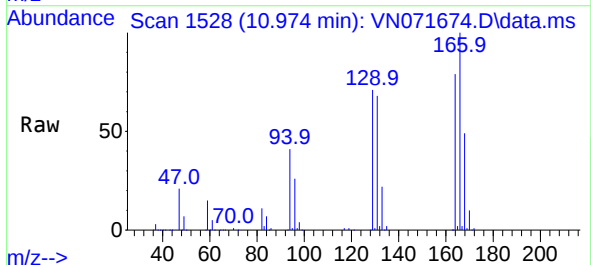
Tgt Ion:117 Resp: 756029
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

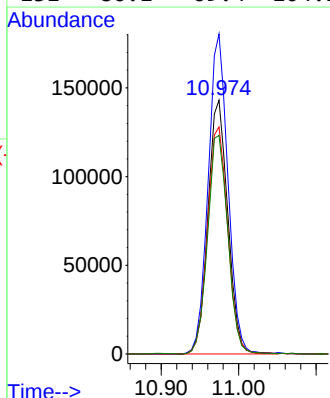
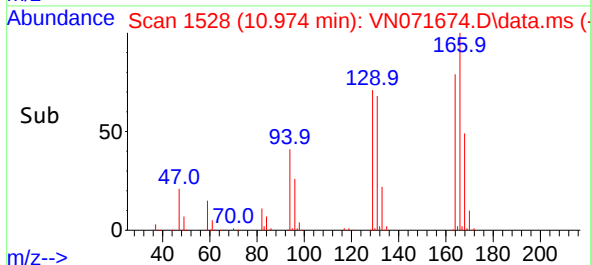
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

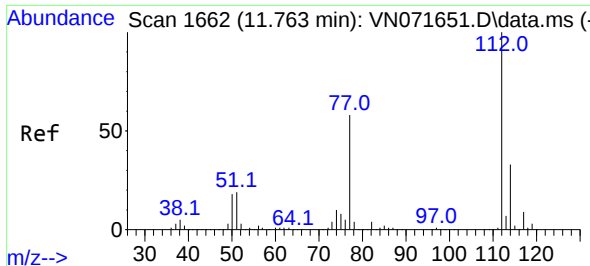


#64
Tetrachloroethene
Concen: 51.155 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



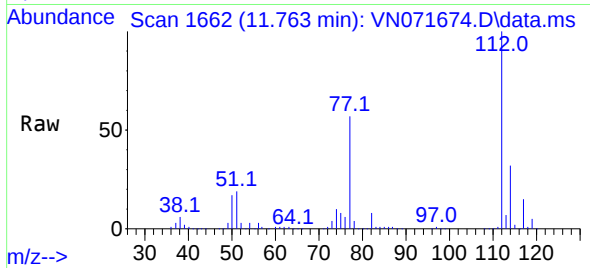
Tgt Ion:164 Resp: 255382
Ion Ratio Lower Upper
164 100
166 126.1 104.2 156.2
129 89.5 73.9 110.9
131 86.1 69.4 104.2





#65
Chlorobenzene
Concen: 52.983 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

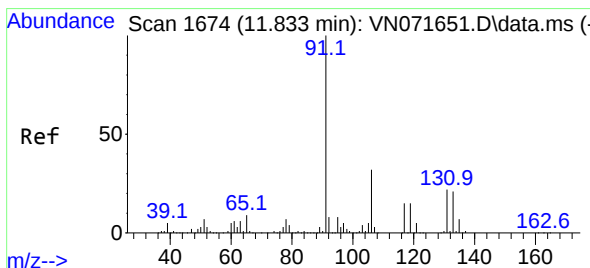
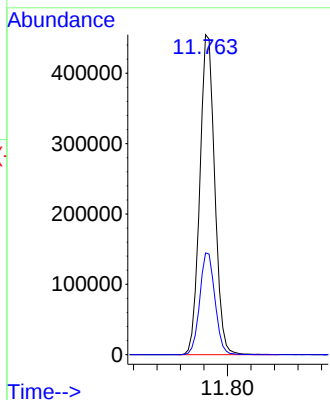
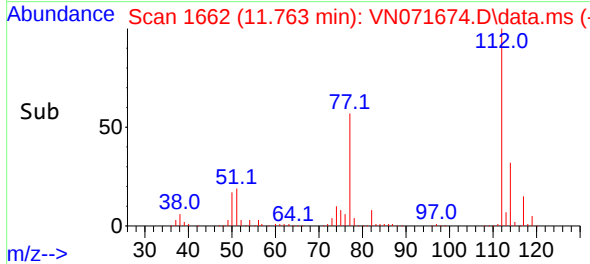
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



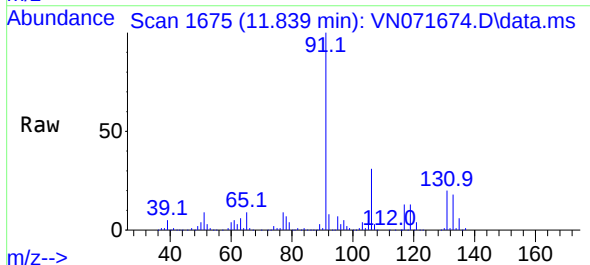
Tgt Ion:112 Resp: 80207
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

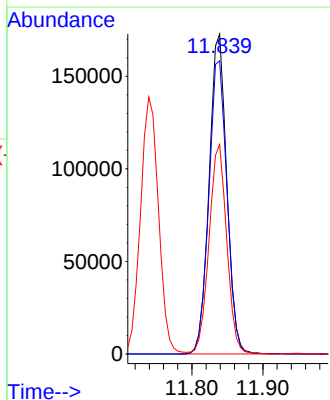
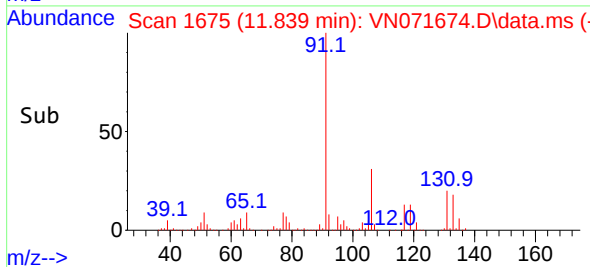
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.499 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion:131 Resp: 297707
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 65.9 33.4 100.2





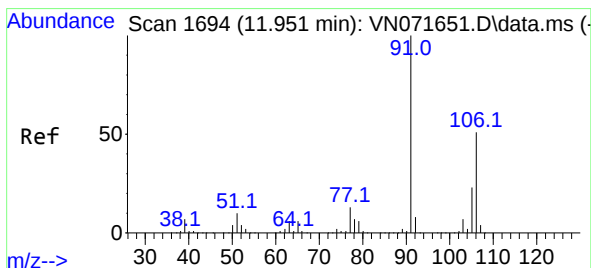
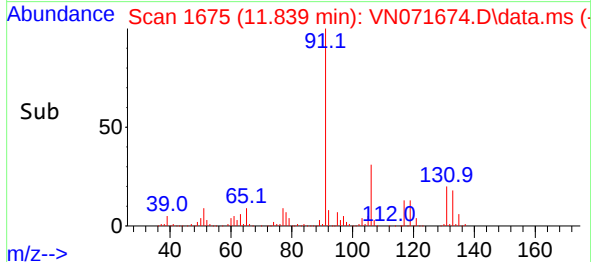
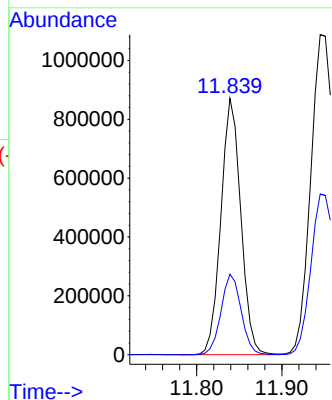
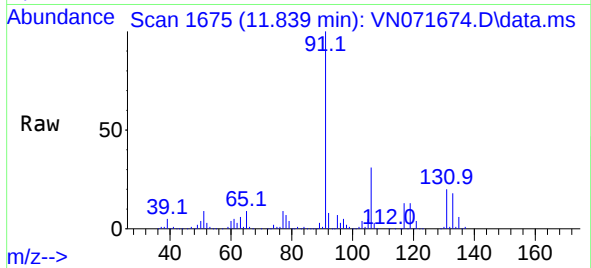
#67
Ethyl Benzene
Concen: 55.278 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 141661
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

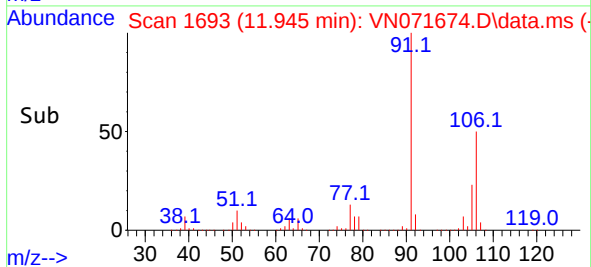
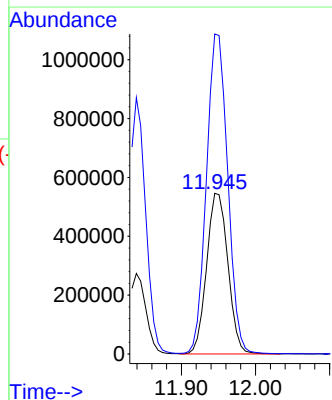
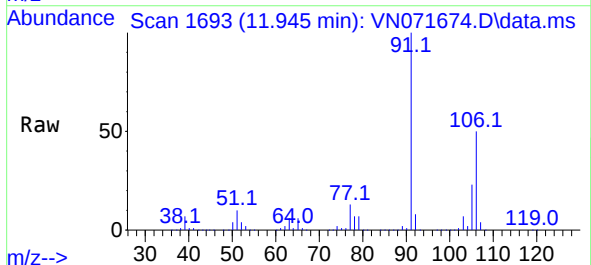
Manual Integrations
APPROVED

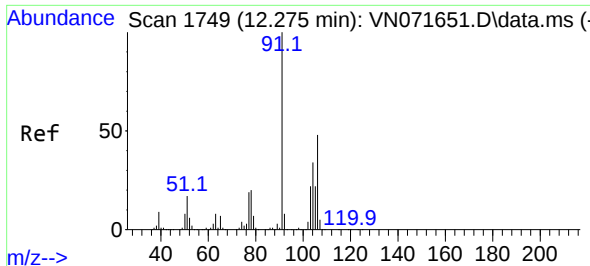
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#68
m/p-Xylenes
Concen: 110.574 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Tgt Ion:106 Resp: 1088782
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3





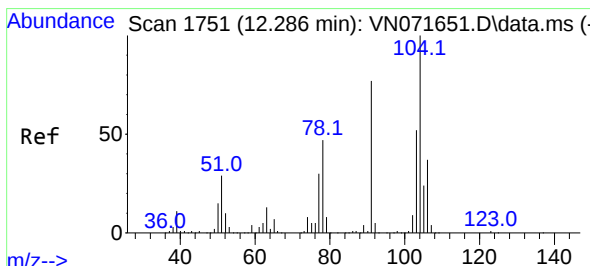
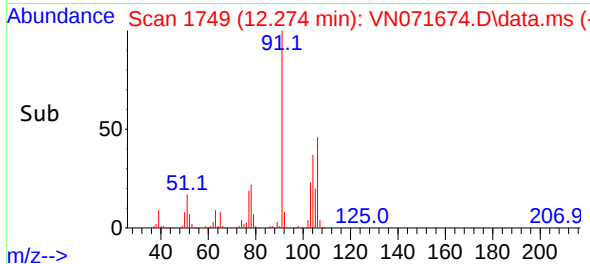
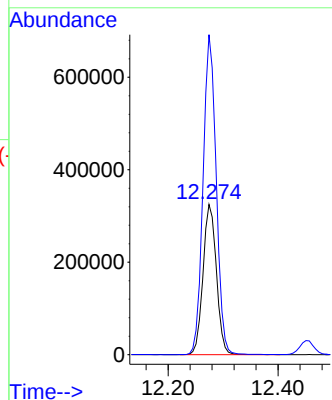
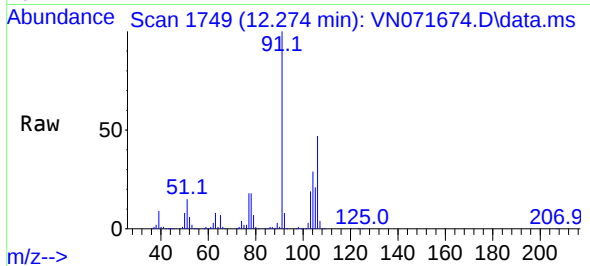
#69
o-Xylene
Concen: 56.231 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 54957
Ion Ratio Lower Upper
106 100
91 209.3 106.0 318.0

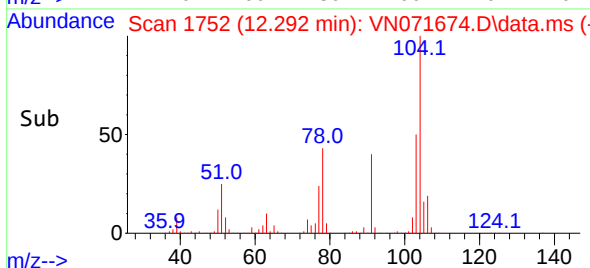
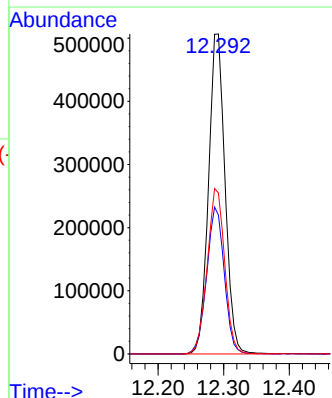
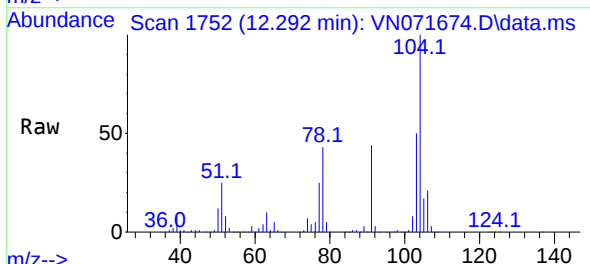
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 60.001 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

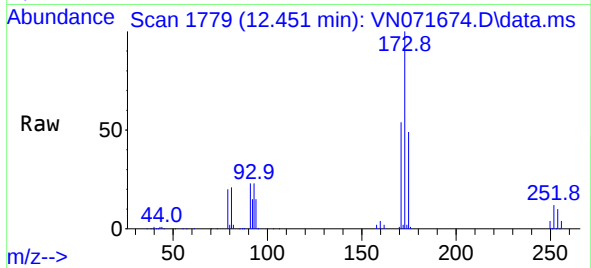
Tgt Ion:104 Resp: 888503
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 57.696 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

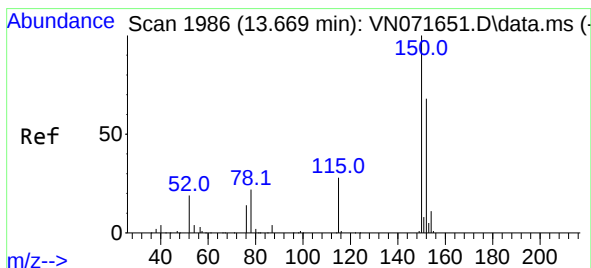
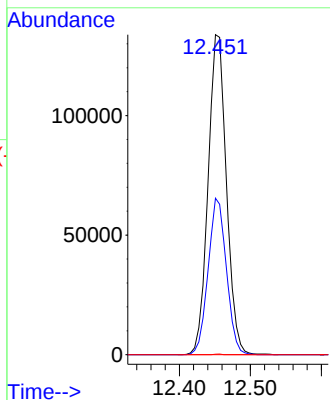
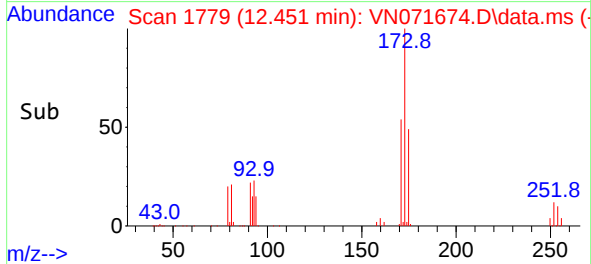
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



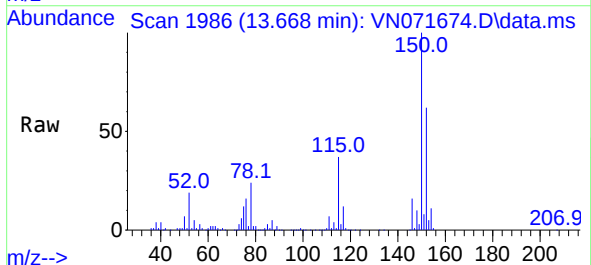
Tgt Ion:173 Resp: 240009
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

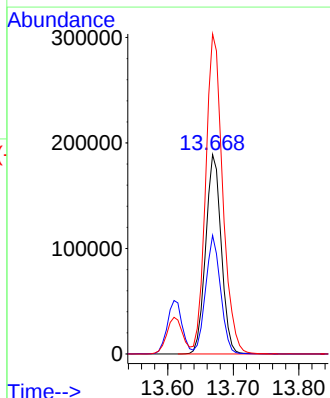
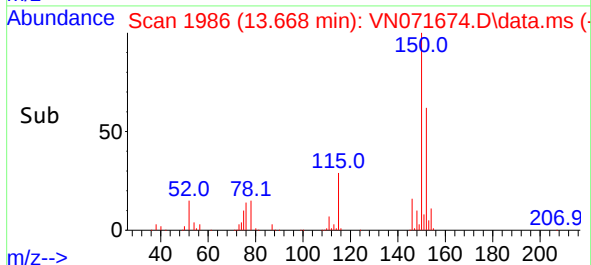
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

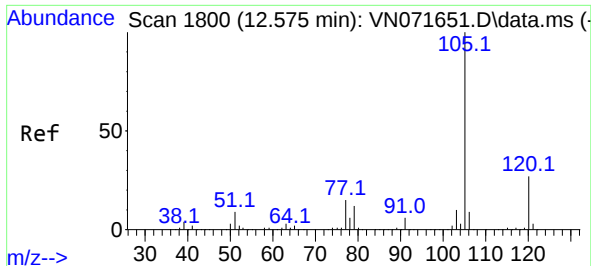


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion:152 Resp: 312411
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 175.5 0.0 356.2





#73
Isopropylbenzene
Concen: 53.104 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

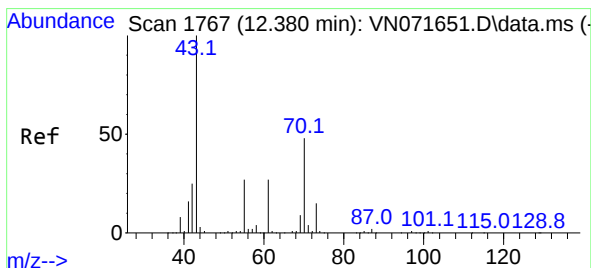
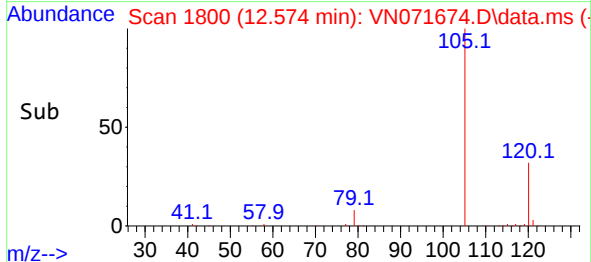
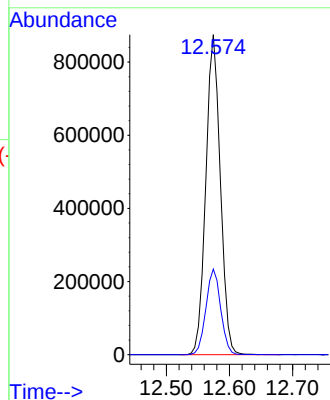
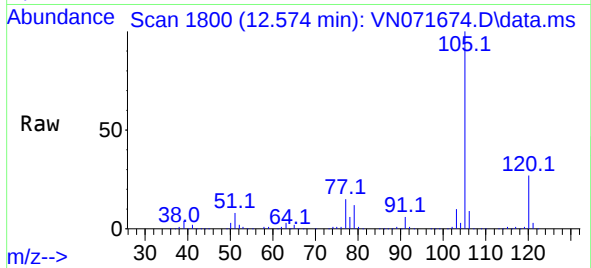
VSTDCCC050

Tgt Ion:105 Resp: 139800
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations

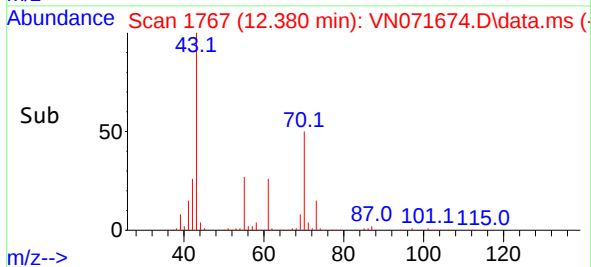
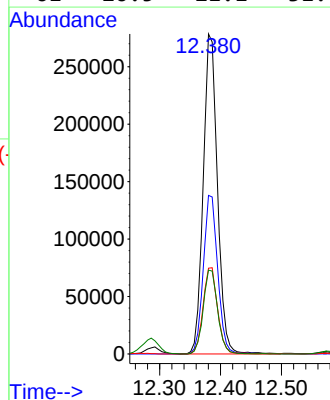
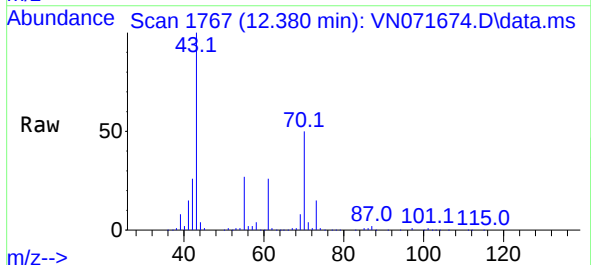
APPROVED

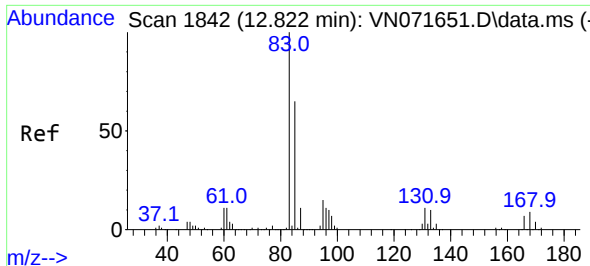
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 59.972 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

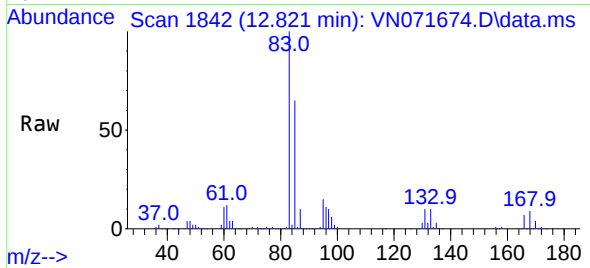
Tgt Ion: 43 Resp: 452365
Ion Ratio Lower Upper
43 100
70 50.3 39.0 58.4
55 27.7 21.1 31.7
61 26.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.654 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

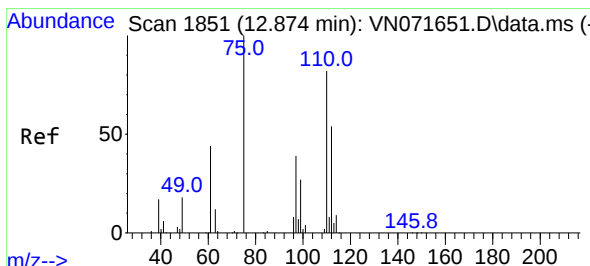
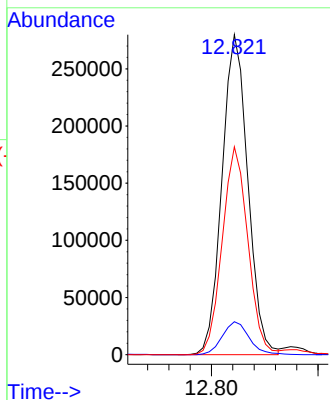
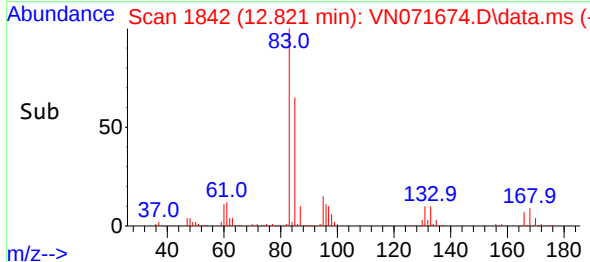
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



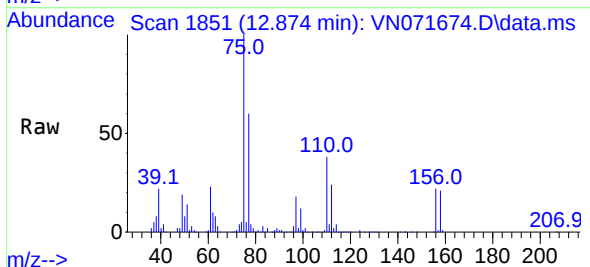
Tgt Ion: 83 Resp: 471288
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 64.4 32.3 96.9

Manual Integrations
APPROVED

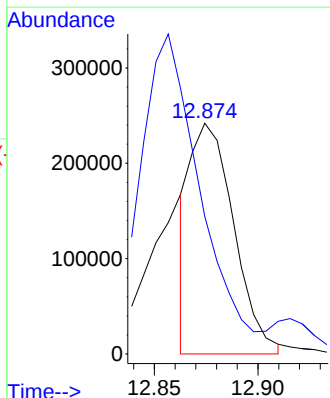
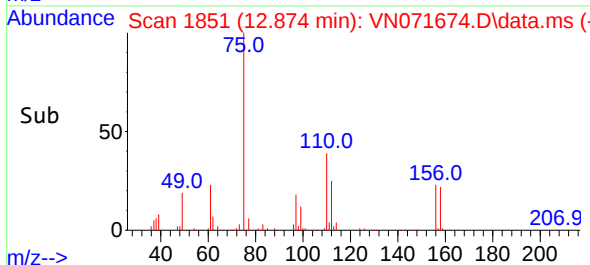
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

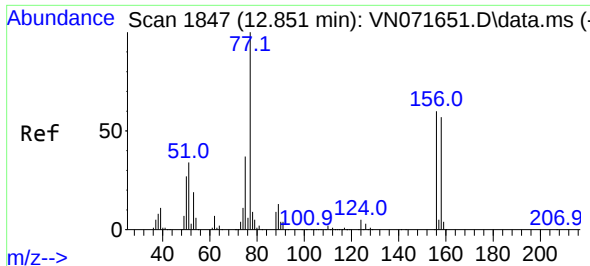


#76
1,2,3-Trichloropropane
Concen: 48.873 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



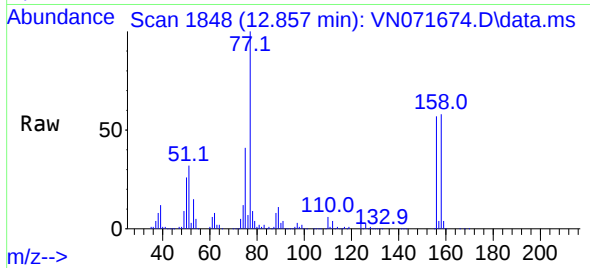
Tgt Ion: 75 Resp: 353703
Ion Ratio Lower Upper
75 100
77 191.1 98.5 295.5





#77
Bromobenzene
Concen: 51.241 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

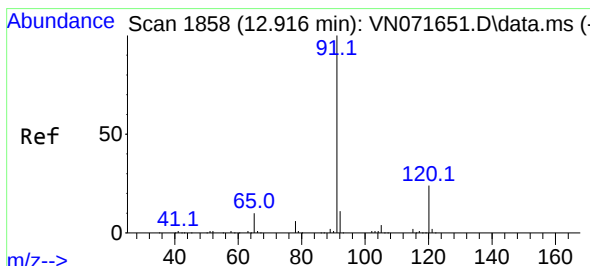
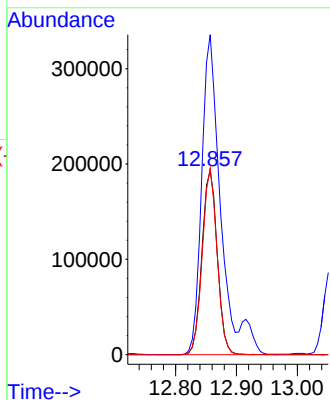
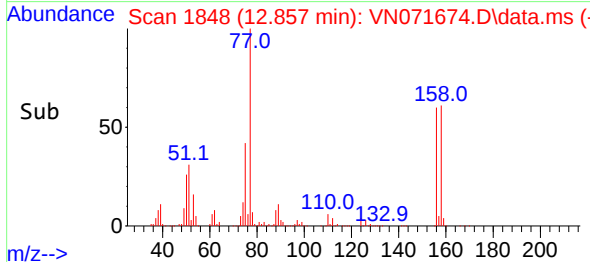
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 33816
Ion Ratio Lower Upper
156 100
77 199.9 100.5 301.5
158 97.6 48.9 146.6

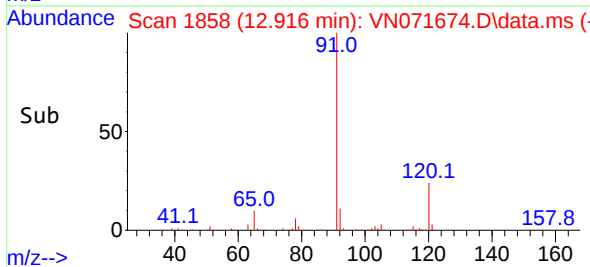
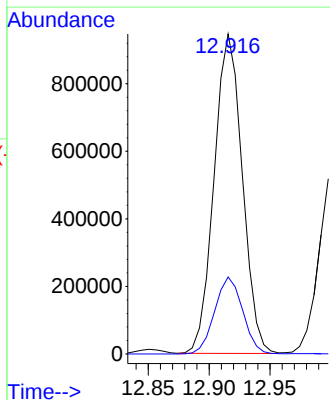
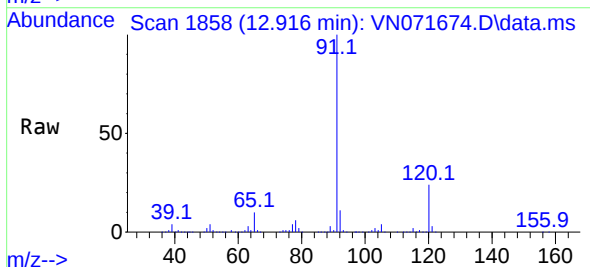
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 55.023 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Tgt Ion: 91 Resp: 1523718
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





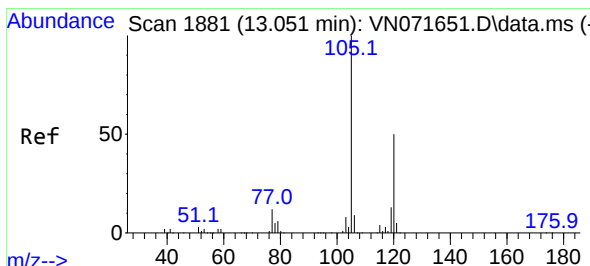
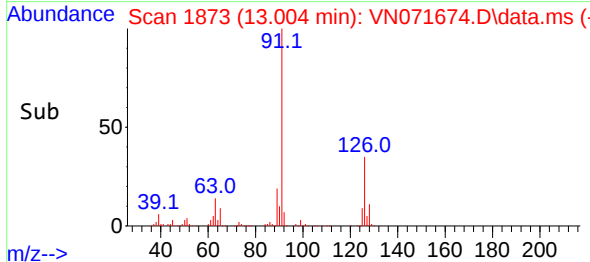
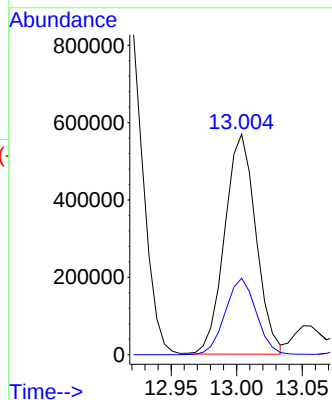
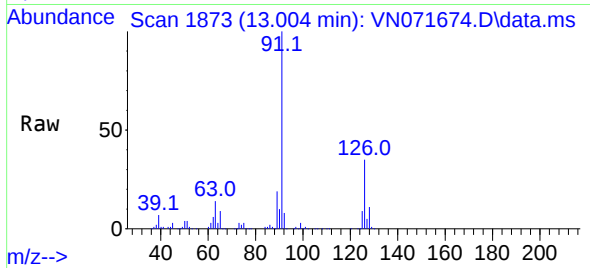
#79
2-Chlorotoluene
Concen: 53.196 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 944739
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.9

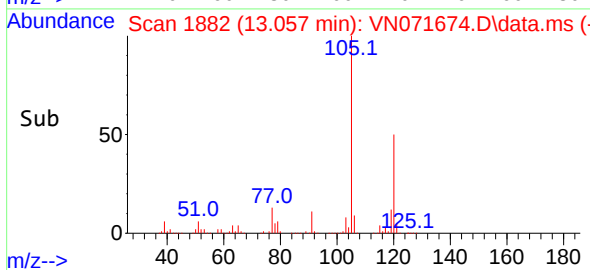
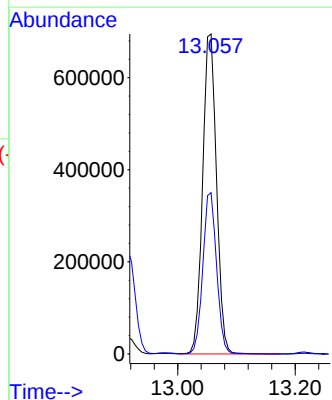
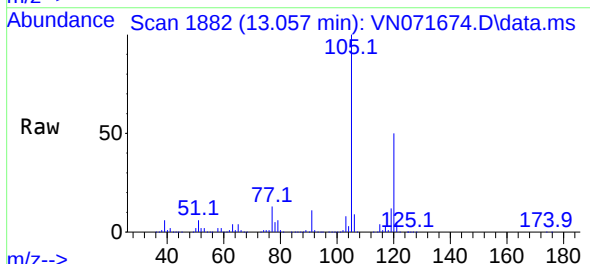
Manual Integrations
APPROVED

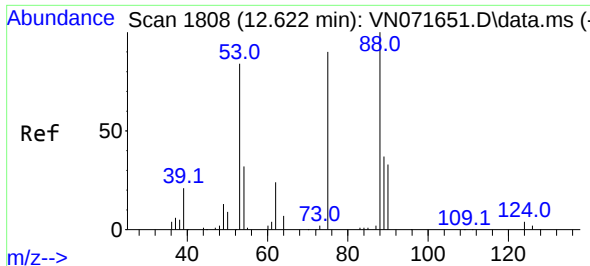
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.551 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

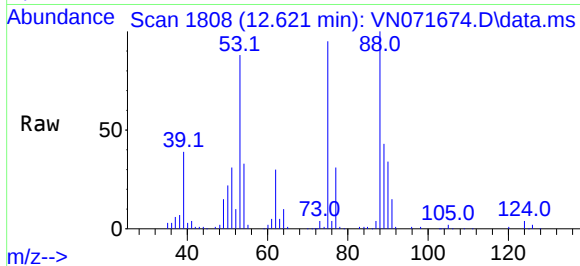
Tgt Ion:105 Resp: 1137857
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 57.851 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

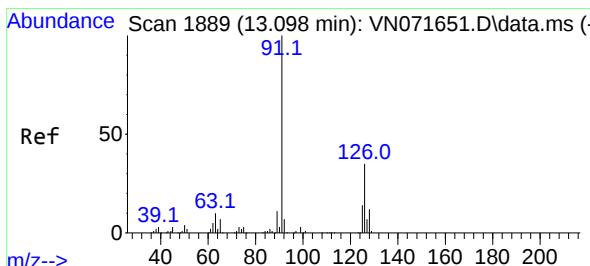
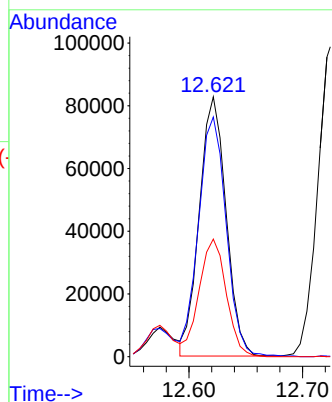
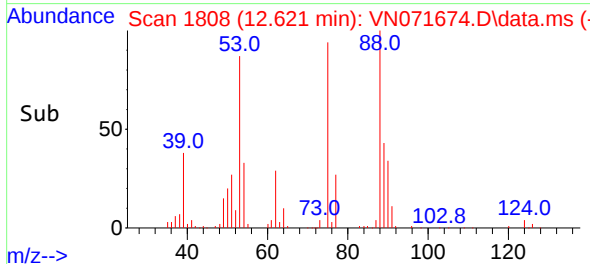
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 13510
Ion Ratio Lower Upper
75 100
53 96.3 78.0 117.0
89 46.3 37.2 55.8

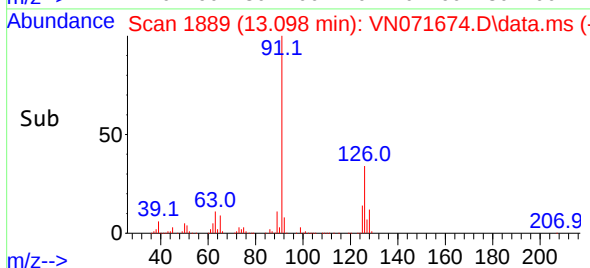
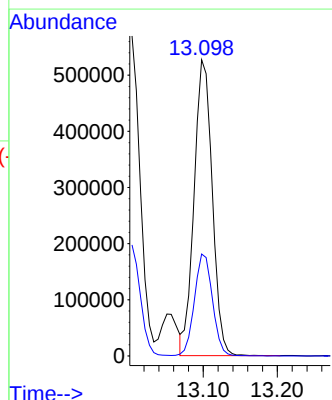
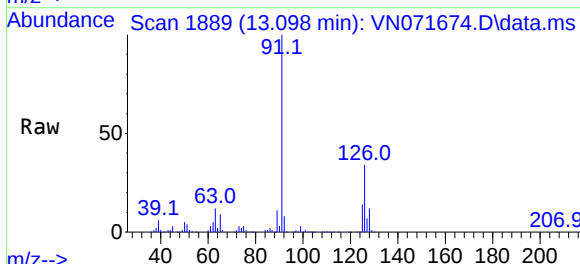
Manual Integrations
APPROVED

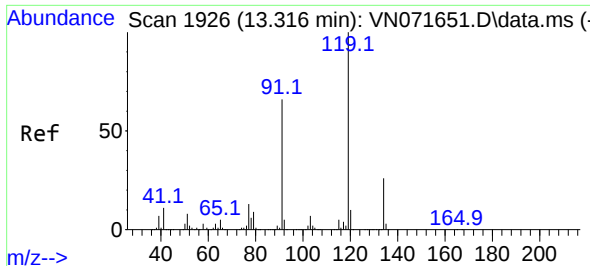
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#82
4-Chlorotoluene
Concen: 54.498 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

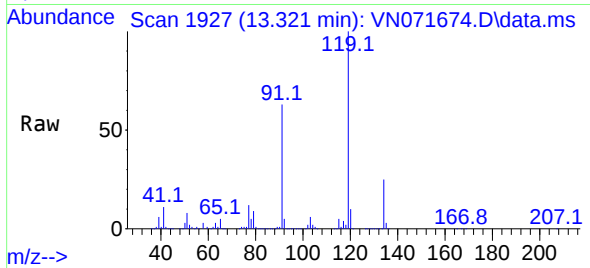
Tgt Ion: 91 Resp: 897127
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 53.902 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

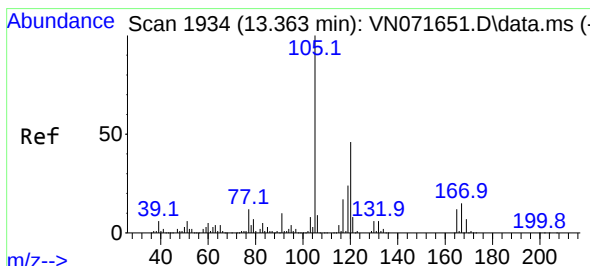
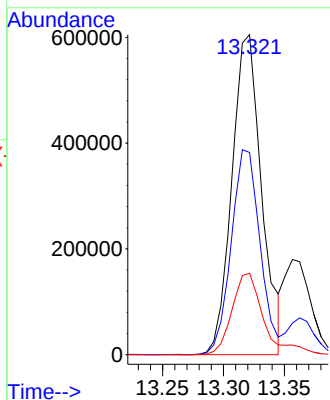
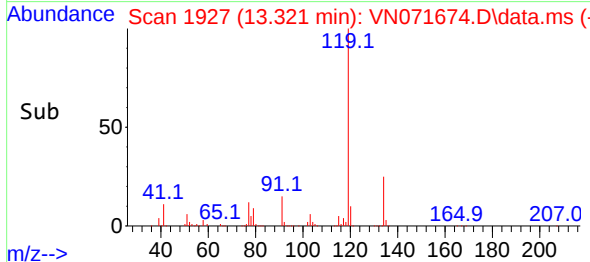
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



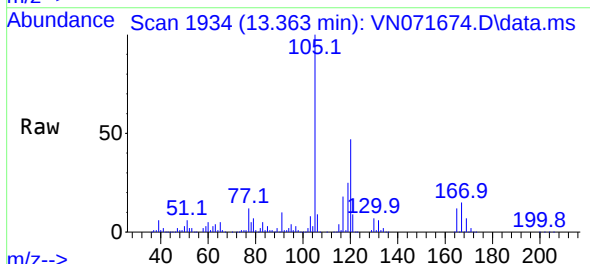
Tgt Ion:119 Resp: 102773
Ion Ratio Lower Upper
119 100
91 62.0 31.6 94.8
134 27.2 13.7 41.1

Manual Integrations
APPROVED

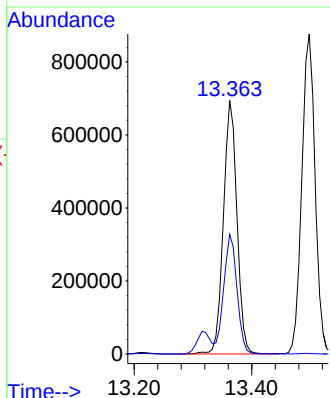
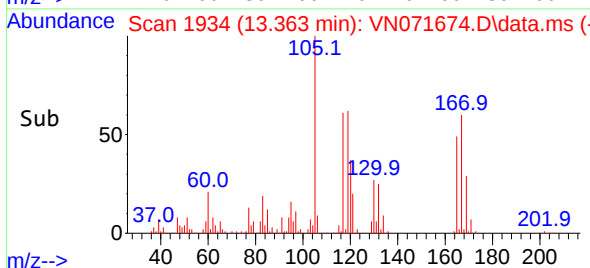
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

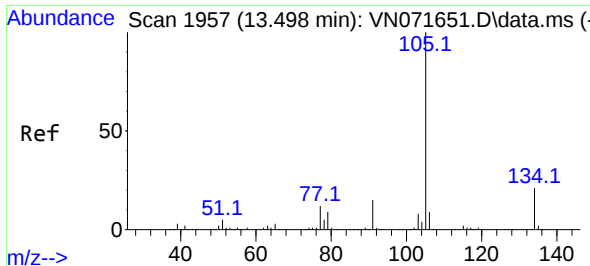


#84
1,2,4-Trimethylbenzene
Concen: 54.509 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



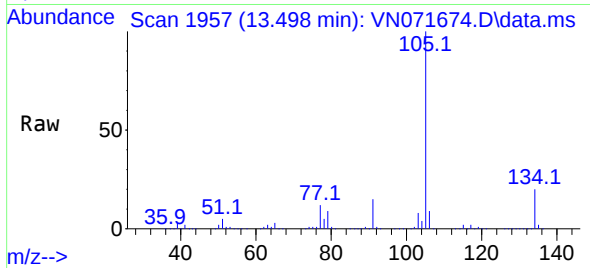
Tgt Ion:105 Resp: 1109334
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
sec-Butylbenzene
Concen: 55.672 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

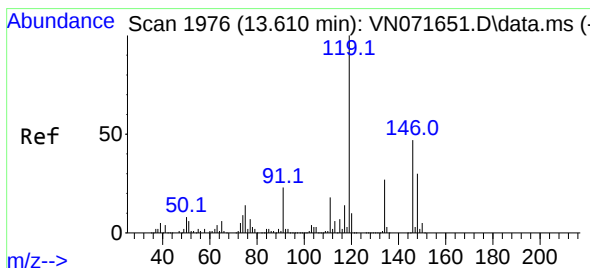
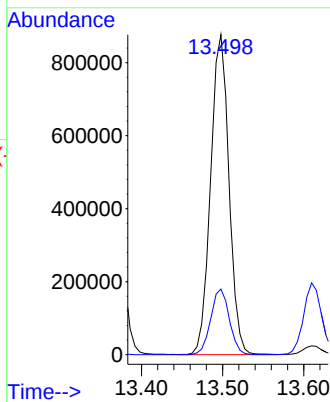
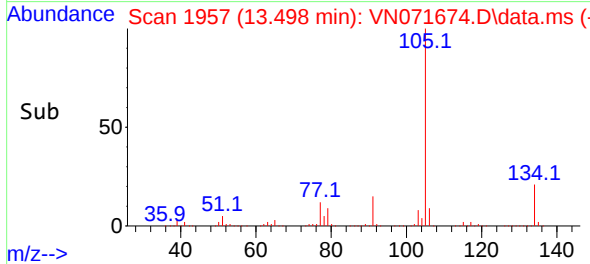
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



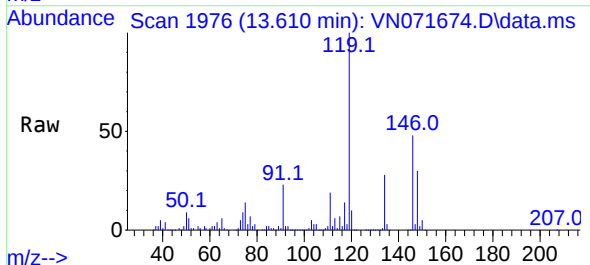
Tgt Ion:105 Resp: 137603
Ion Ratio Lower Upper
105 100
134 20.8 10.4 31.1

Manual Integrations
APPROVED

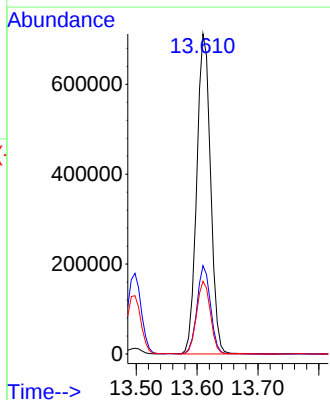
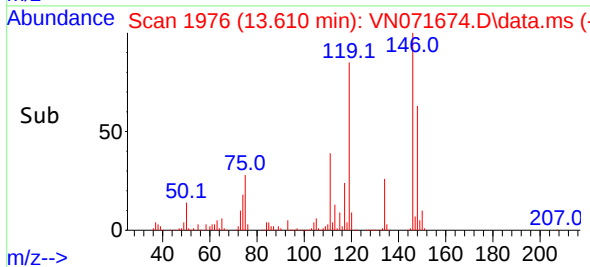
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

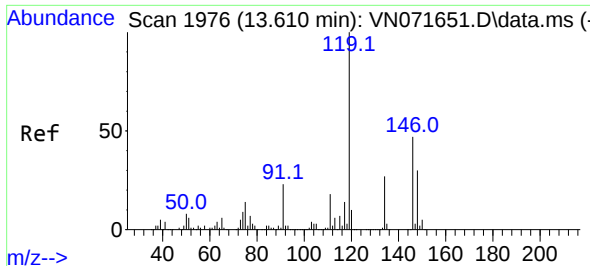


#86
p-Isopropyltoluene
Concen: 56.863 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



Tgt Ion:119 Resp: 1120632
Ion Ratio Lower Upper
119 100
134 27.1 13.3 39.8
91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 54.015 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071674.D

Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 567908

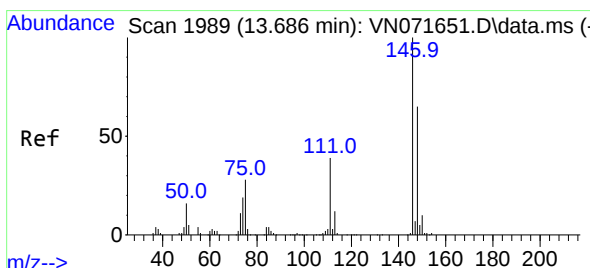
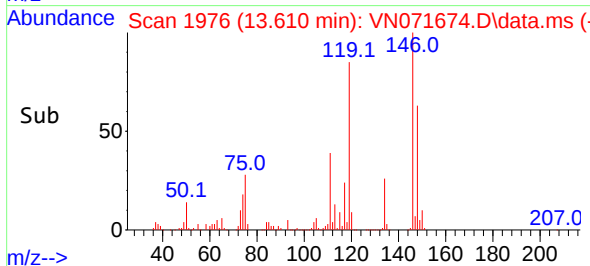
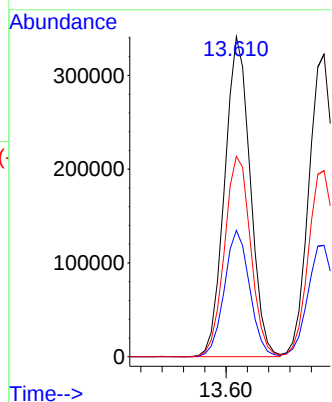
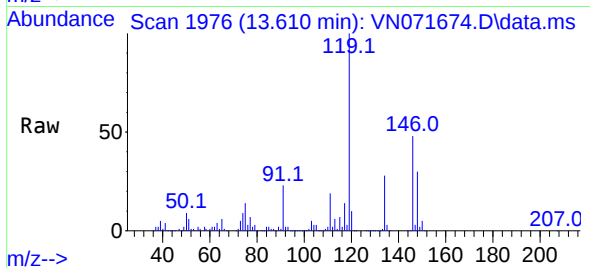
Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.0	60.0
148	64.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#88

1,4-Dichlorobenzene

Concen: 52.960 ug/l

RT: 13.692 min Scan# 1990

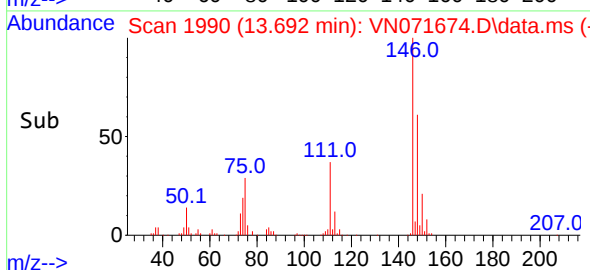
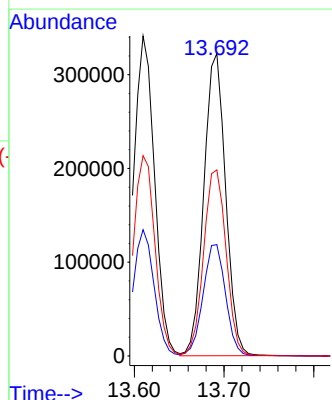
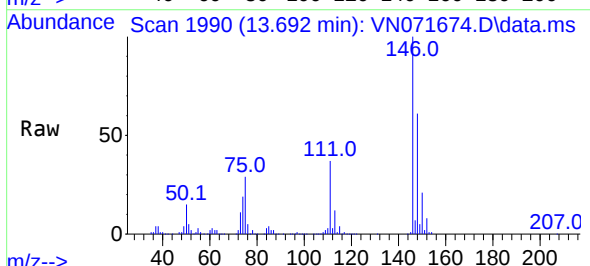
Delta R.T. 0.006 min

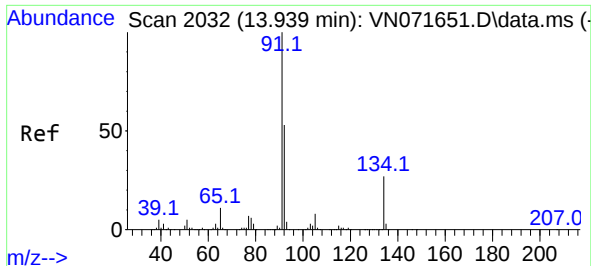
Lab File: VN071674.D

Acq: 30 Mar 2022 21:44

Tgt Ion:146 Resp: 543235

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	64.0	31.4	94.3





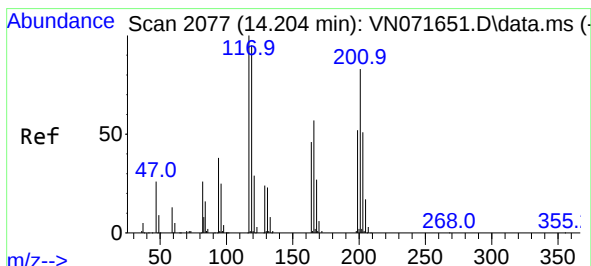
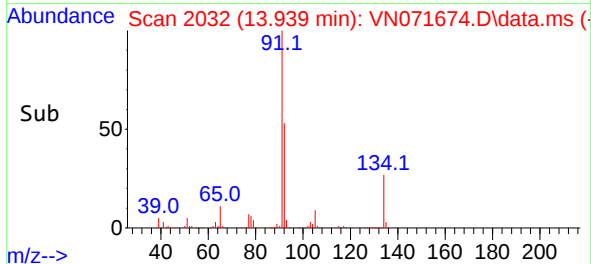
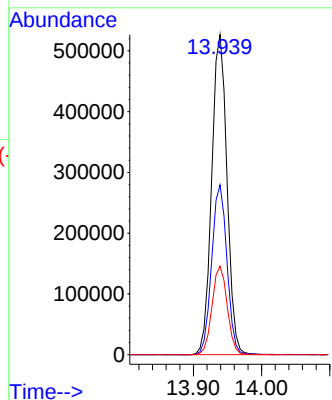
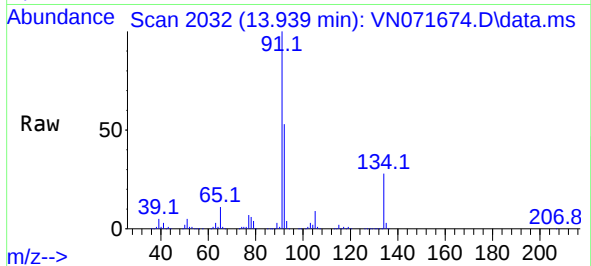
#89
n-Butylbenzene
Concen: 56.375 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 82402
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 27.4 13.6 40.8

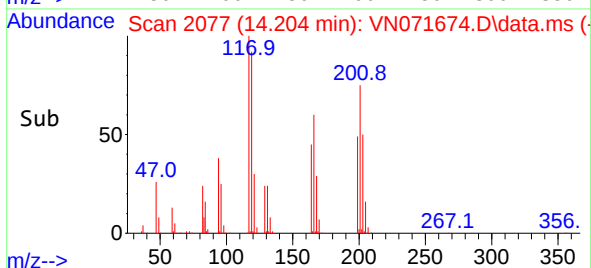
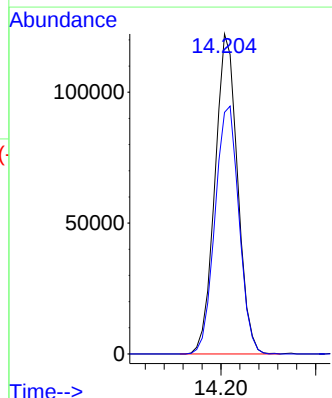
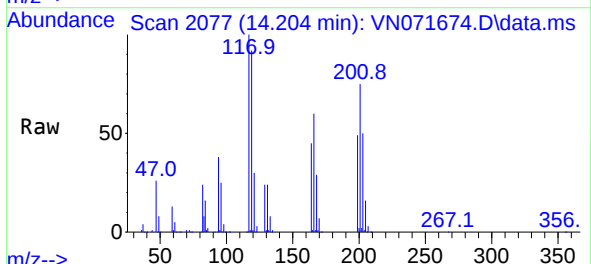
Manual Integrations
APPROVED

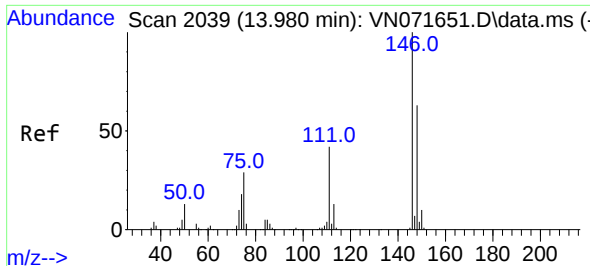
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 56.215 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Tgt Ion:117 Resp: 202801
Ion Ratio Lower Upper
117 100
201 81.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 53.227 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Instrument :

MSVOA_N

ClientSampleId :

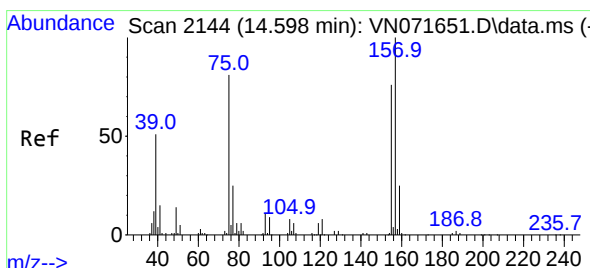
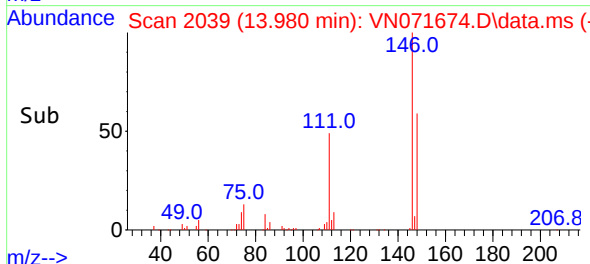
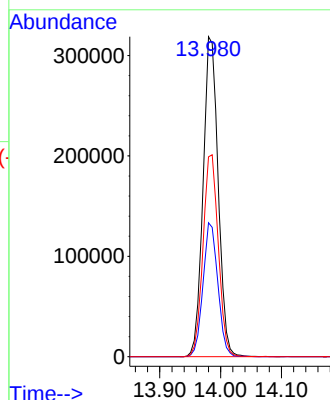
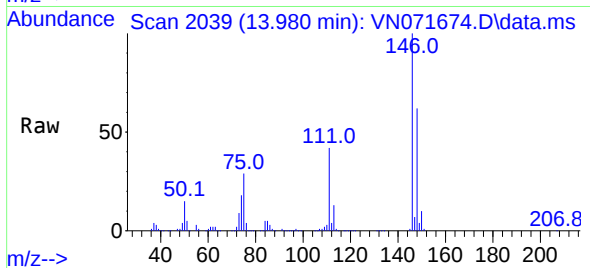
VSTDCCC050

Tgt Ion:146 Resp: 549394
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 64.0 32.1 96.3

Manual Integrations

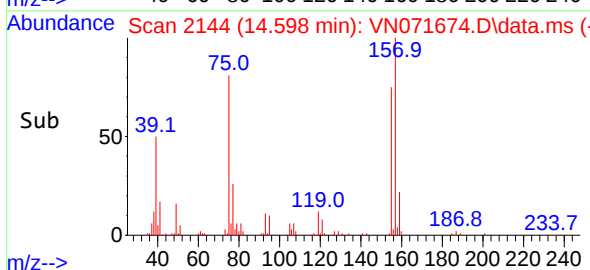
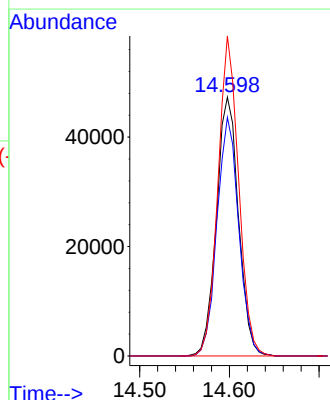
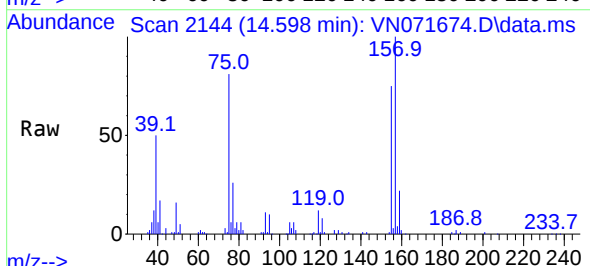
APPROVED

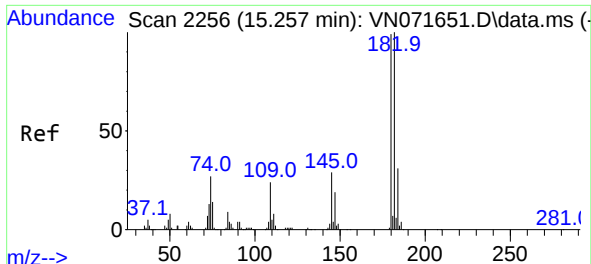
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.290 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

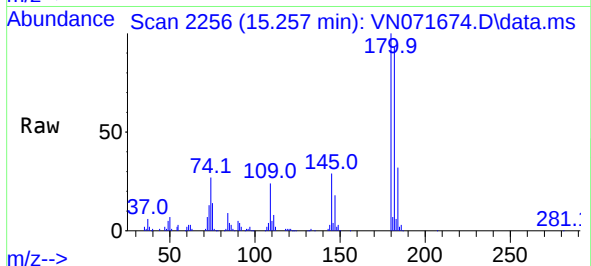
Tgt Ion: 75 Resp: 80781
Ion Ratio Lower Upper
75 100
155 90.9 44.9 134.5
157 115.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 51.363 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

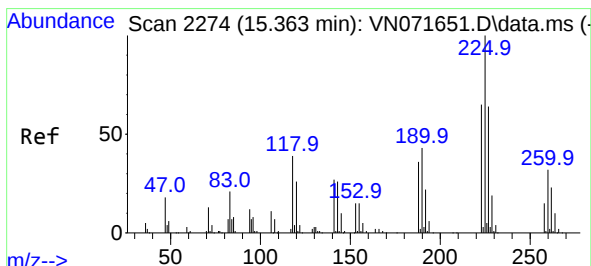
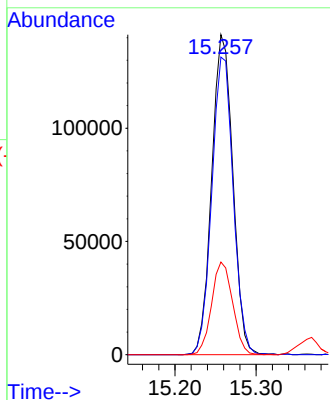
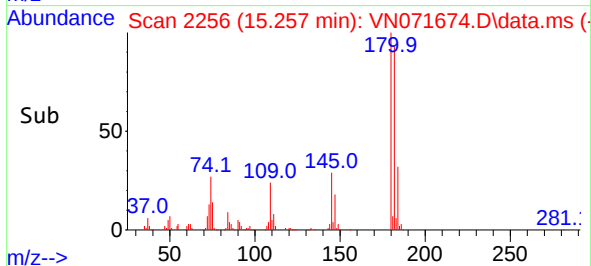
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



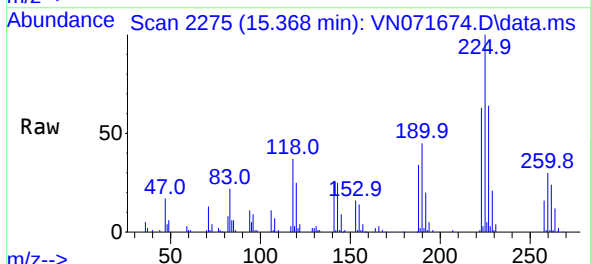
Tgt Ion:180 Resp: 255674
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 28.8 14.5 43.5

Manual Integrations
APPROVED

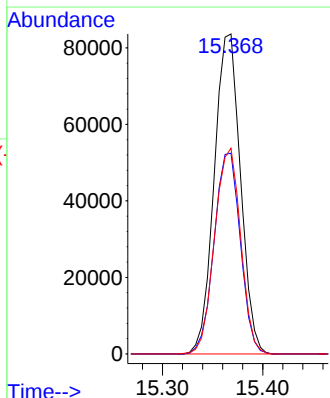
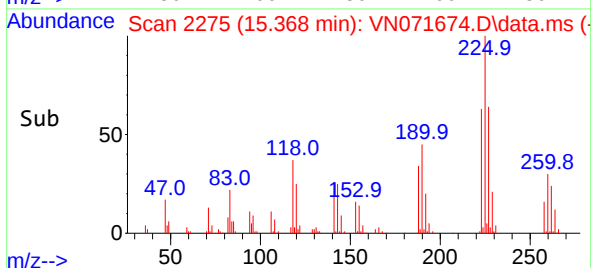
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

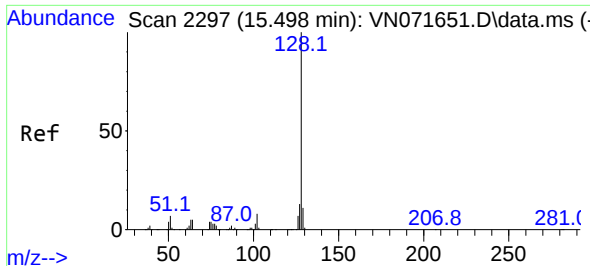


#94
Hexachlorobutadiene
Concen: 49.973 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44



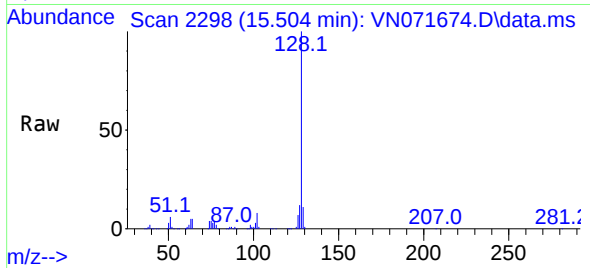
Tgt Ion:225 Resp: 152131
Ion Ratio Lower Upper
225 100
223 62.8 32.4 97.2
227 63.8 31.8 95.4





#95
Naphthalene
Concen: 51.204 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

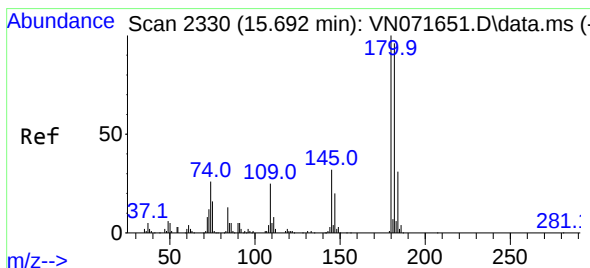
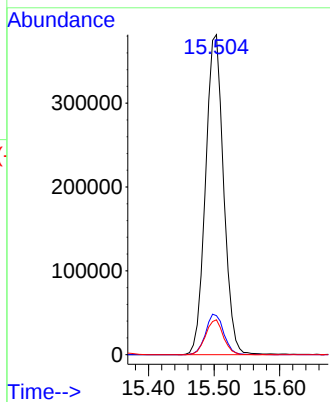
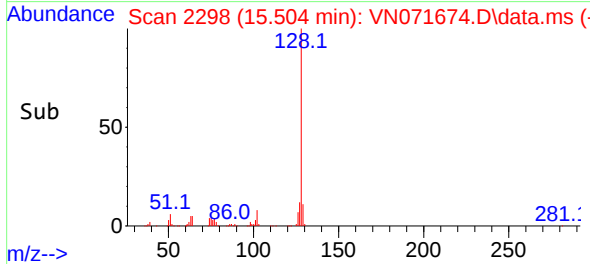
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 729854
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 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.774 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071674.D
Acq: 30 Mar 2022 21:44

Tgt Ion:180 Resp: 249799
Ion Ratio Lower Upper
180 100
182 96.8 47.8 143.3
145 30.7 15.5 46.5

